

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066677.D
 Acq On : 14 Sep 2020 16:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:27:55 PM

Quant Time: Sep 15 02:36:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	395882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	657138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	612978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	259130	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
35) Dibromofluoromethane	7.91	113	235562	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.34	98	852224	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.63	95	301153	57.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	170809	52.443	ug/l	91
3) Chloromethane	2.21	50	246758	49.288	ug/l	96
4) Vinyl Chloride	2.35	62	271025	48.809	ug/l	99
5) Bromomethane	2.77	94	193264	55.559	ug/l	83
6) Chloroethane	2.92	64	176829	50.137	ug/l	97
7) Trichlorofluoromethane	3.27	101	402975	49.125	ug/l	98
8) Diethyl Ether	3.71	74	111500	53.979	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	221073	49.796	ug/l	99
10) Methyl Iodide	4.30	142	200875	49.637	ug/l	100
11) Tert butyl alcohol	5.21	59	83854	286.529	ug/l	100
12) 1,1-Dichloroethene	4.07	96	205862	51.613	ug/l	86
13) Acrolein	3.93	56	52054	265.789	ug/l	94
14) Allyl chloride	4.72	41	350771	53.661	ug/l	99
15) Acrylonitrile	5.42	53	241033	271.635	ug/l	98
16) Acetone	4.16	43	216395	245.538	ug/l	95
17) Carbon Disulfide	4.41	76	609824	46.509	ug/l	98
18) Methyl Acetate	4.72	43	114397	54.452	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	542679	58.020	ug/l	97
20) Methylene Chloride	4.96	84	268022	56.689	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	243335	51.376	ug/l	98
22) Diisopropyl ether	6.36	45	755532	56.206	ug/l	99
23) Vinyl Acetate	6.30	43	2201041	287.734	ug/l	96
24) 1,1-Dichloroethane	6.26	63	454535	53.771	ug/l	97
25) 2-Butanone	7.21	43	317463	268.341	ug/l	98
26) 2,2-Dichloropropane	7.21	77	395956	51.065	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	280416	55.055	ug/l	99
28) Bromochloromethane	7.54	49	155927	47.912	ug/l	96
29) Tetrahydrofuran	7.56	42	200193	271.706	ug/l	99
30) Chloroform	7.71	83	476946	53.332	ug/l	96
31) Cyclohexane	7.98	56	371643	47.561	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	439195	52.235	ug/l	99
36) 1,1-Dichloropropene	8.11	75	345978	50.590	ug/l	100
37) Ethyl Acetate	7.29	43	146092	53.647	ug/l #	95
38) Carbon Tetrachloride	8.09	117	393290	54.408	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	399930	52.370	ug/l	98
40) Benzene	8.34	78	964516	51.496	ug/l	99
41) Methacrylonitrile	7.51	41	67125m	50.922	ug/l	
42) 1,2-Dichloroethane	8.42	62	317385	52.299	ug/l	100
43) Isopropyl Acetate	8.44	43	294332	56.400	ug/l	99
44) Trichloroethene	9.11	130	256835	52.276	ug/l	95
45) 1,2-Dichloropropane	9.38	63	248522	52.762	ug/l	93
46) Dibromomethane	9.47	93	138655	53.356	ug/l	97
47) Bromodichloromethane	9.66	83	376717	53.581	ug/l	99
48) Methyl methacrylate	9.46	41	140298	53.166	ug/l	94
49) 1,4-Dioxane	9.46	88	30928	1084.824	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	749666	284.835	ug/l	99
52) Toluene	10.40	92	636633	53.696	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	343045	55.271	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	397644	53.350	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	186081	55.692	ug/l	97
56) Ethyl methacrylate	10.66	69	230558	59.264	ug/l	96
57) 1,3-Dichloropropane	10.94	76	316307	54.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	449580	252.653	ug/l	98
59) 2-Hexanone	10.98	43	509668	287.960	ug/l	100
60) Dibromochloromethane	11.14	129	247901	56.107	ug/l	97
61) 1,2-Dibromoethane	11.24	107	176456	54.283	ug/l	97
64) Tetrachloroethene	10.87	164	209628	50.792	ug/l	93
65) Chlorobenzene	11.67	112	656411	51.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	254317	52.671	ug/l	98
67) Ethyl Benzene	11.74	91	1238220	53.302	ug/l	100
68) m/p-Xylenes	11.85	106	920407	106.707	ug/l	96
69) o-Xylene	12.18	106	425402	55.032	ug/l	98
70) Styrene	12.19	104	735057	54.696	ug/l	96
71) Bromoform	12.36	173	134131	55.121	ug/l #	99
73) Isopropylbenzene	12.48	105	1179701	55.589	ug/l	100
74) N-amyl acetate	12.28	43	272281	56.649	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	200215	53.402	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	154474m	56.038	ug/l	
77) Bromobenzene	12.76	156	259091	54.762	ug/l	99
78) n-propylbenzene	12.82	91	1411088	54.850	ug/l	100
79) 2-Chlorotoluene	12.91	91	802361	55.595	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1014955	56.823	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	61853	52.385	ug/l	98
82) 4-Chlorotoluene	13.01	91	843970	54.685	ug/l	100
83) tert-Butylbenzene	13.23	119	837549	57.421	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1025485	57.665	ug/l	98
85) sec-Butylbenzene	13.40	105	1175395	55.932	ug/l	99
86) p-Isopropyltoluene	13.51	119	1085655	57.398	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	509547	54.249	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	499495	52.983	ug/l	100
89) n-Butylbenzene	13.84	91	1002674	54.399	ug/l	98
90) Hexachloroethane	14.11	117	214395	52.606	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	439588	53.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	35397	55.579	ug/l	96

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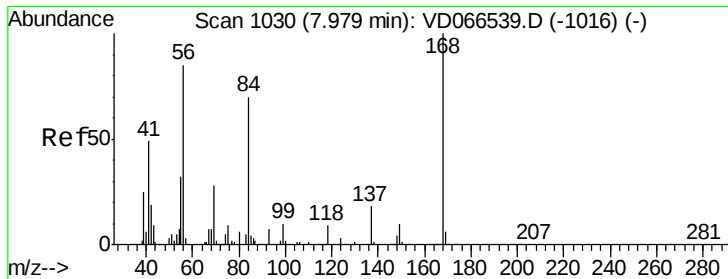
Manual Integrations
APPROVED

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9/15/2020 2:27:55 PM

Quant Time: Sep 15 02:36:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	275011	55.815	ug/l	99
94) Hexachlorobutadiene	15.27	225	163096	55.098	ug/l	98
95) Naphthalene	15.41	128	548963	63.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	241572	57.507	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 395882

Ion Ratio Lower Upper

168 100

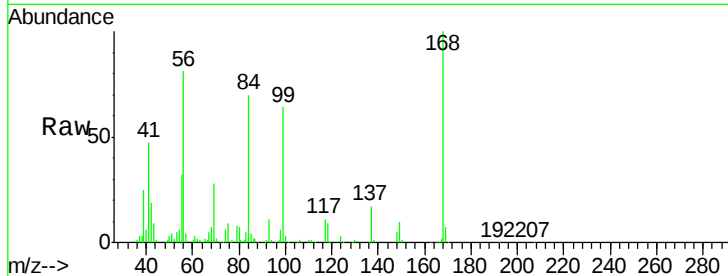
99 63.5 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

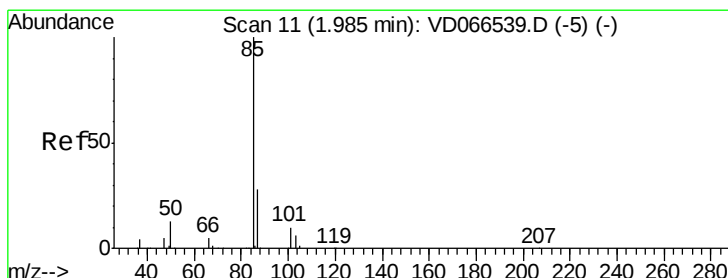
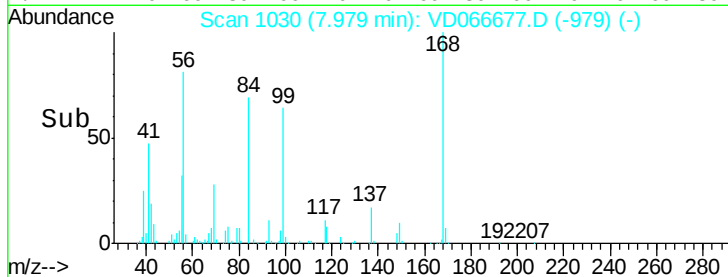
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.443 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066677.D

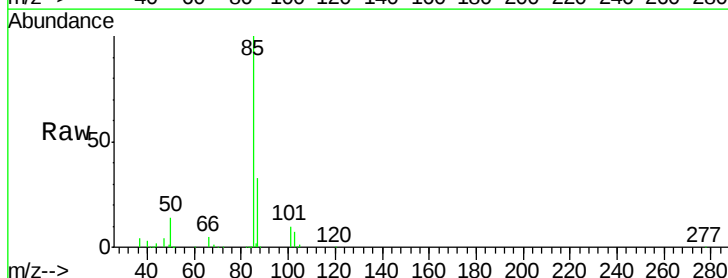
Acq: 14 Sep 2020 16:59

Tgt Ion: 85 Resp: 170809

Ion Ratio Lower Upper

85 100

87 33.0 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

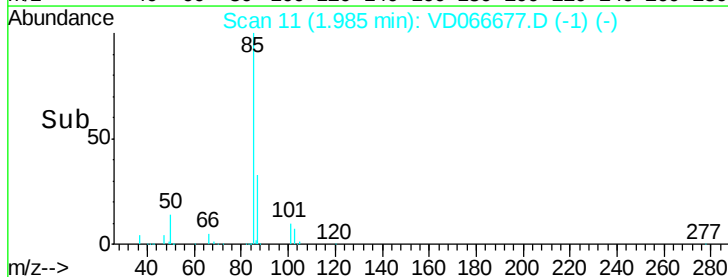
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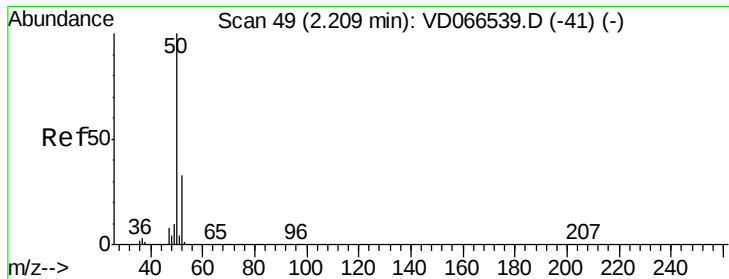
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 49.288 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 246758

Ion Ratio Lower Upper

50 100

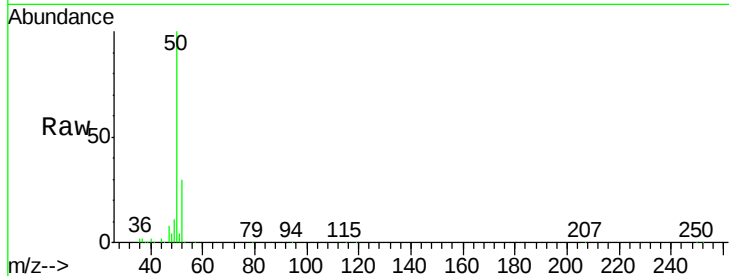
52 30.5 26.2 39.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

200000

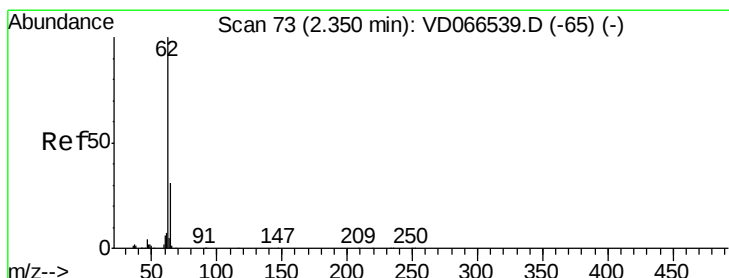
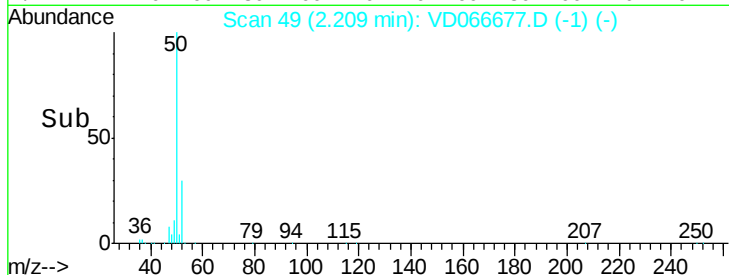
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.809 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066677.D

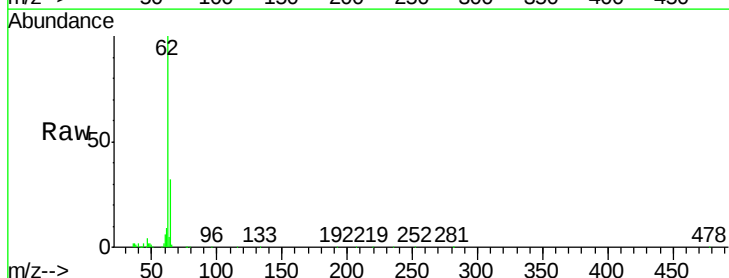
Acq: 14 Sep 2020 16:59

Tgt Ion: 62 Resp: 271025

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

200000

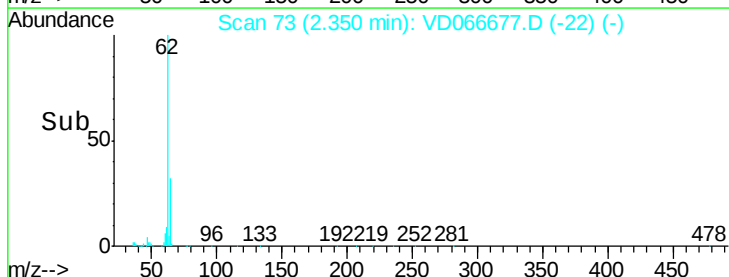
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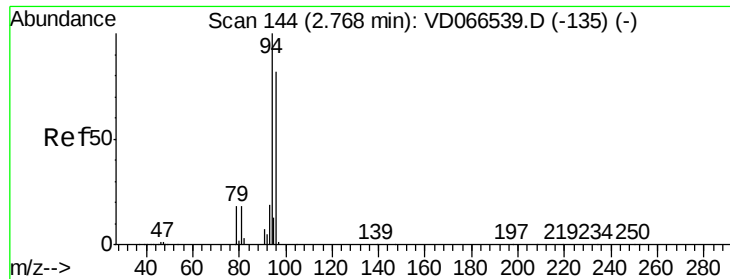
100000

50000

0

Time-->





#5

Bromomethane

Concen: 55.559 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 193264

Ion Ratio Lower Upper

94 100

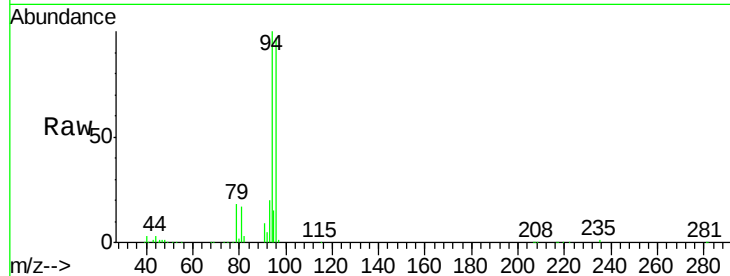
96 96.9 65.2 97.8

Manual Integrations

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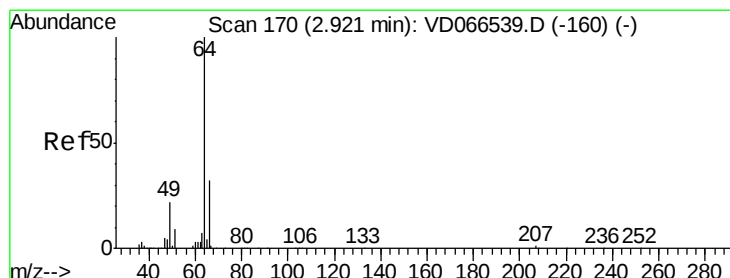
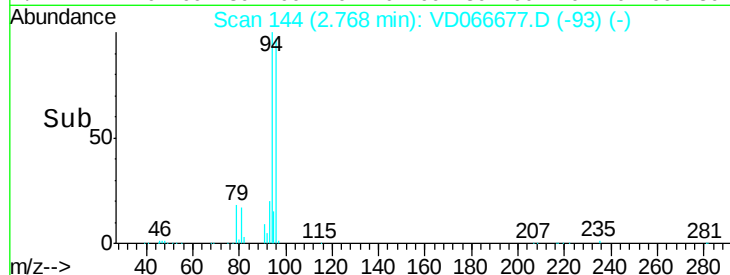
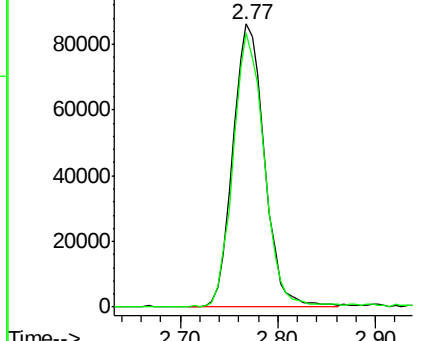
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.137 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066677.D

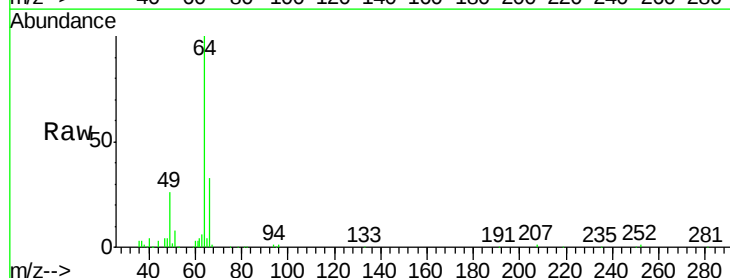
Acq: 14 Sep 2020 16:59

Tgt Ion: 64 Resp: 176829

Ion Ratio Lower Upper

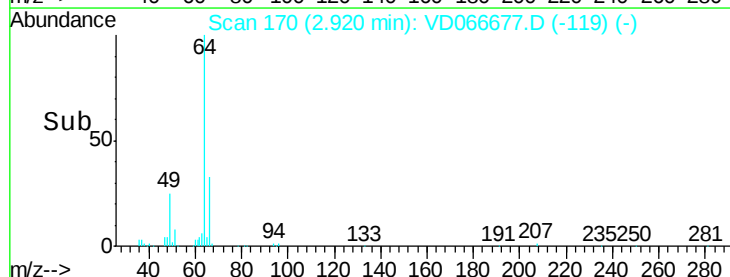
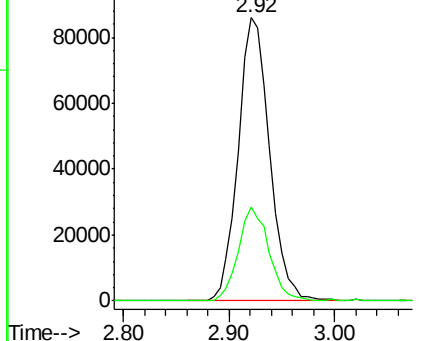
64 100

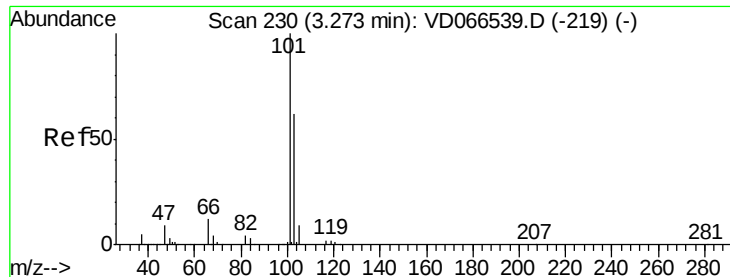
66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

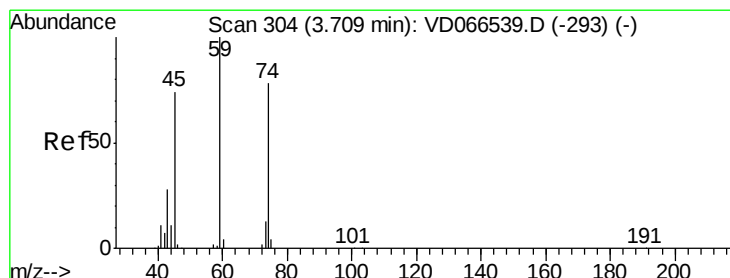
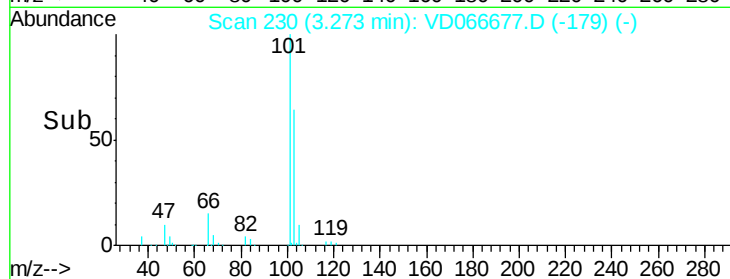
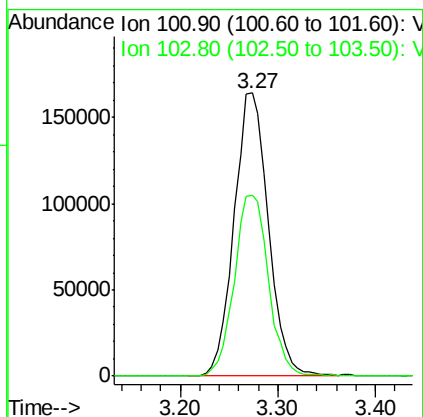
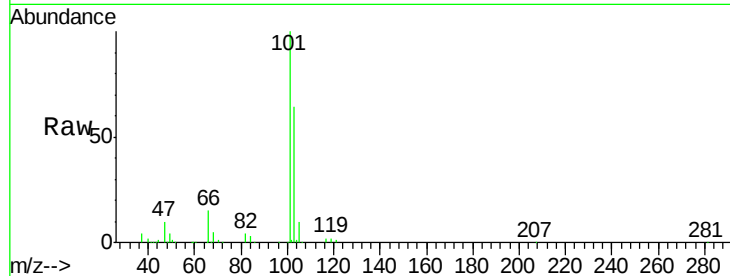
Trichlorofluoromethane
Concen: 49.125 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	49.7	74.5

Manual Integrations
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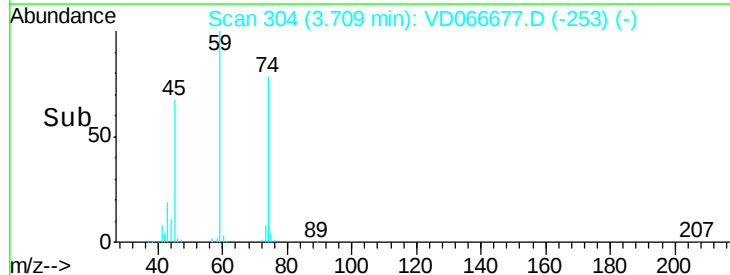
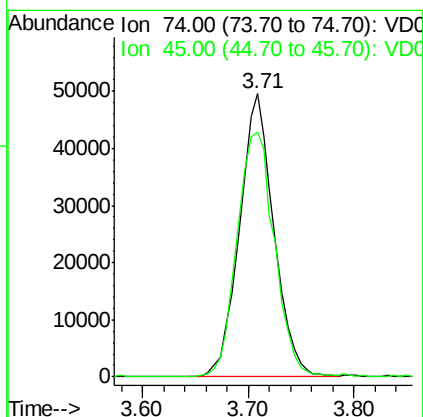
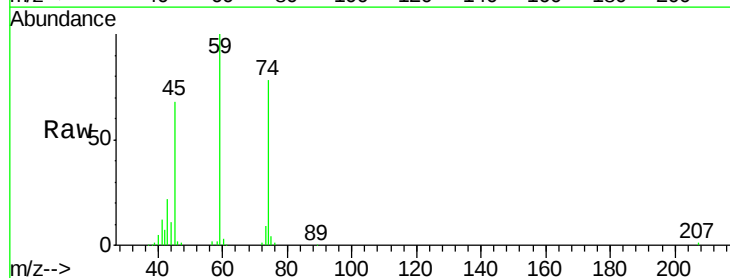
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9/15/2020 2:27:55 PM

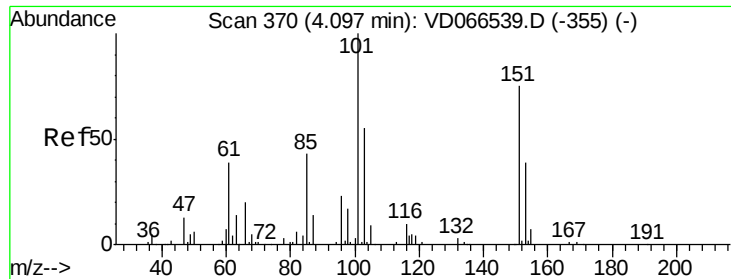


#8

Diethyl Ether
Concen: 53.979 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.796 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

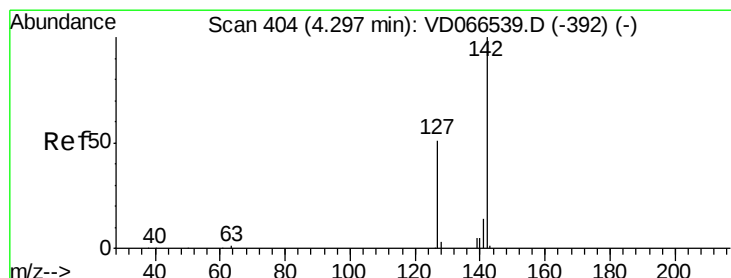
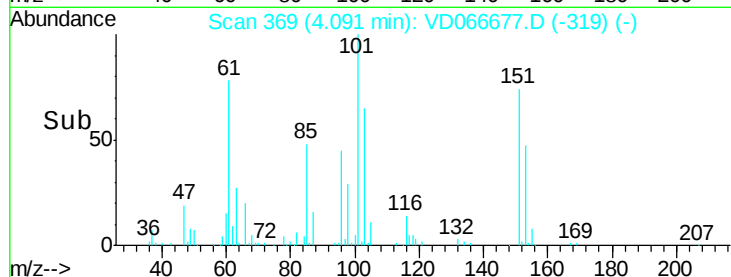
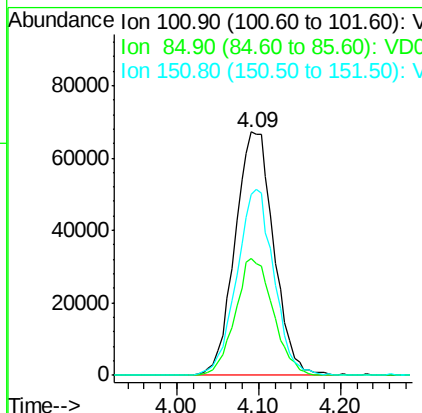
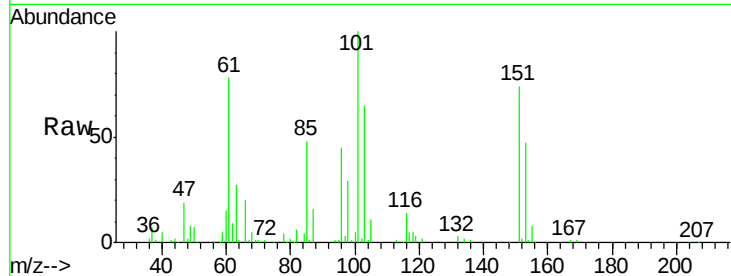
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	221073
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.0	55.6
151	73.3	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 49.637 ug/l

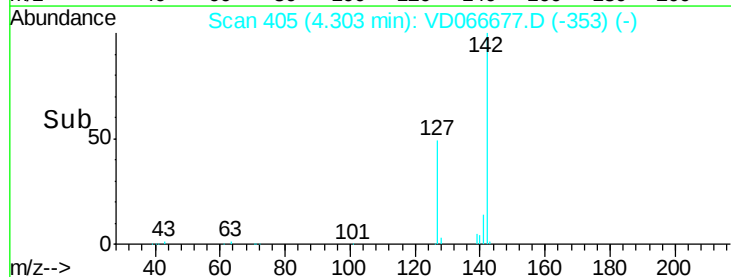
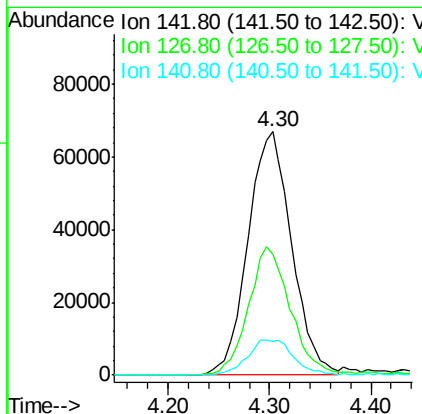
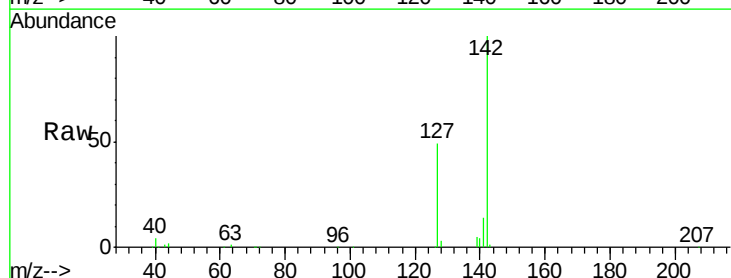
RT: 4.30 min Scan# 405

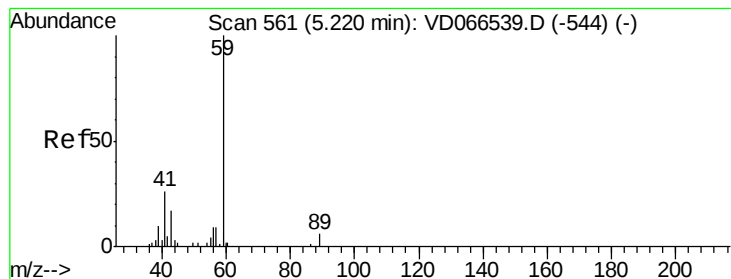
Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion:	142	Resp:	200875
Ion Ratio	Lower	Upper	
142	100		
127	50.4	40.6	61.0
141	15.4	12.2	18.4





#11

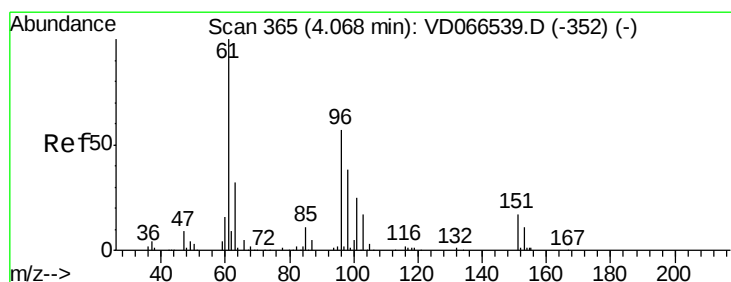
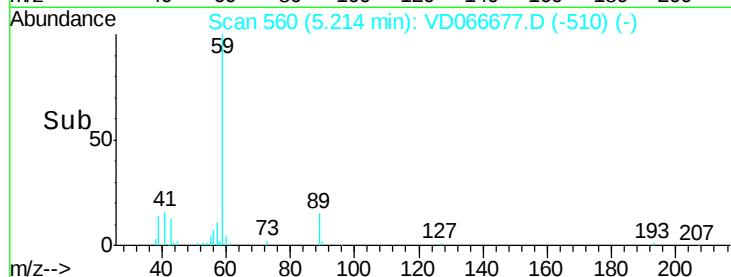
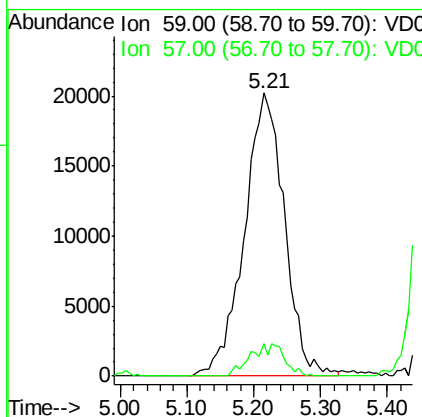
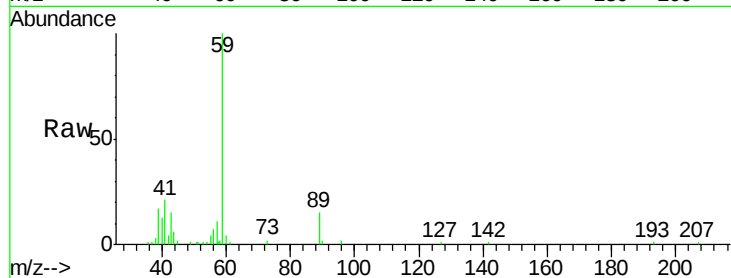
Tert butyl alcohol
 Concen: 286.529 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.6	11.4

Manual Integrations
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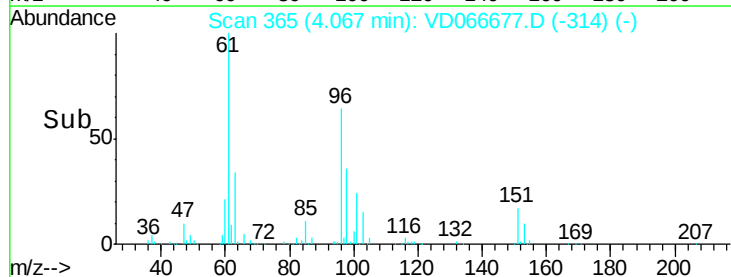
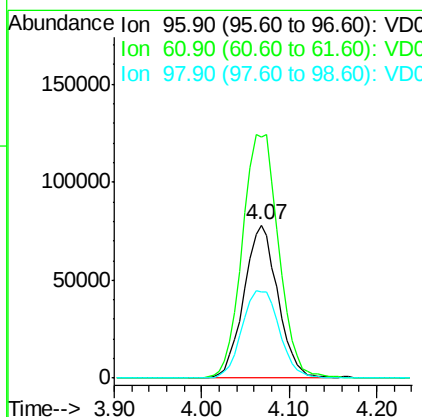
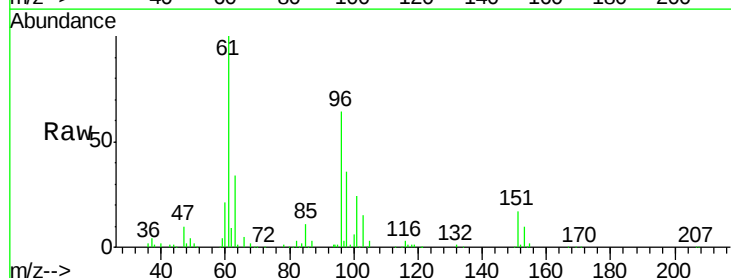
MMDadoda
 9/15/2020 2:27:55 PM

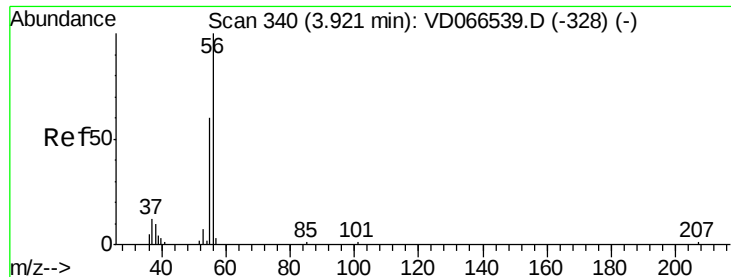


#12

1,1-Dichloroethene
 Concen: 51.613 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	140.9	211.3
98	55.8	53.2	79.8





#13

Acrolein

Concen: 265.789 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 52054

Ion Ratio Lower Upper

56 100

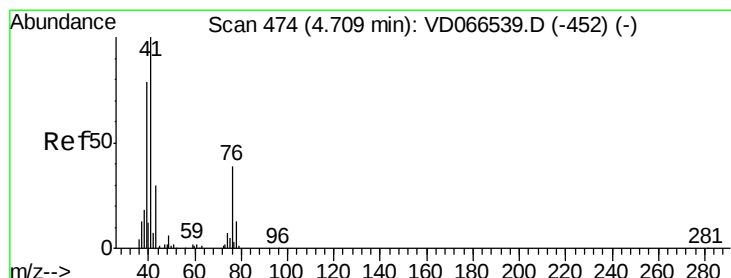
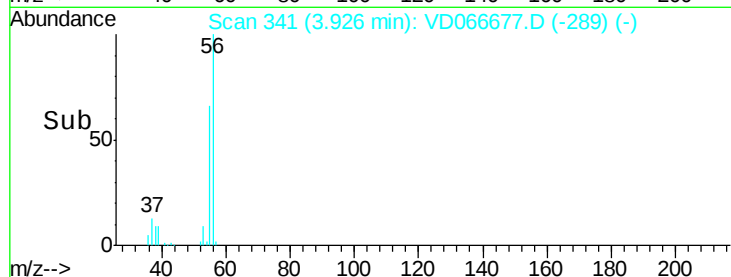
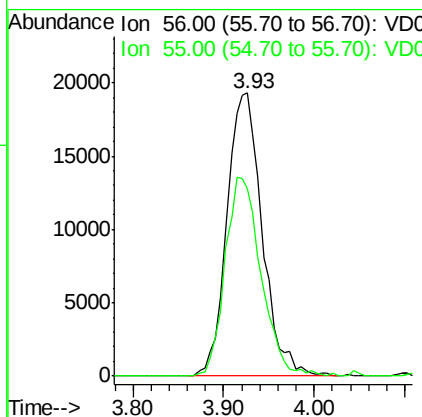
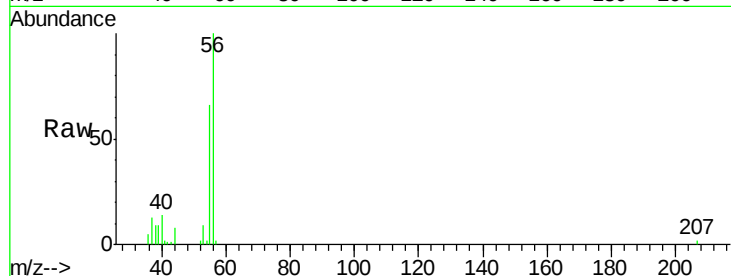
55 71.6 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 53.661 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

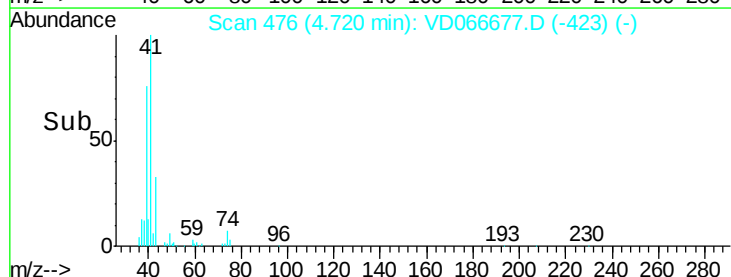
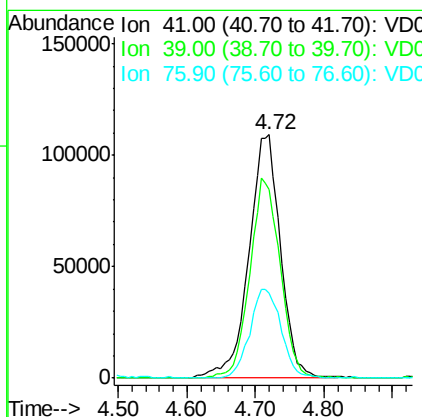
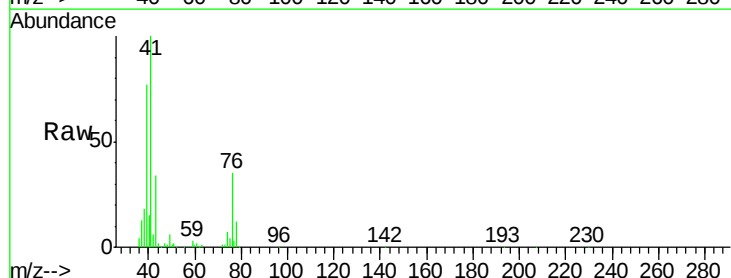
Tgt Ion: 41 Resp: 350771

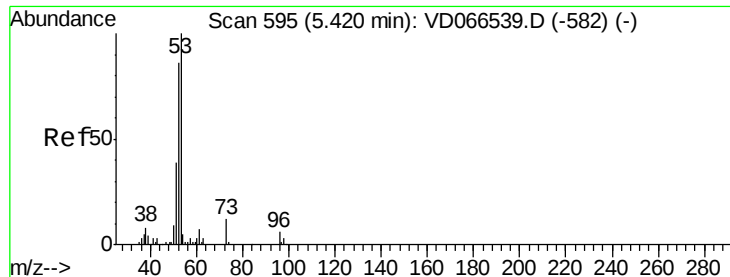
Ion Ratio Lower Upper

41 100

39 79.0 61.9 92.9

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 271.635 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

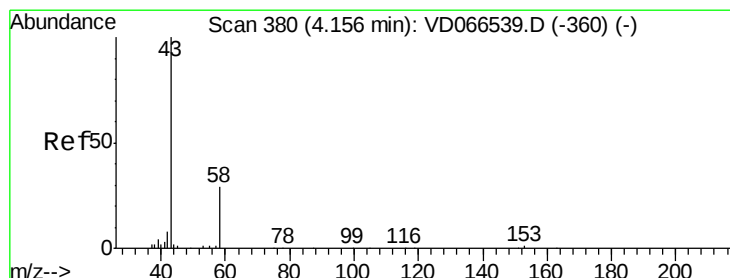
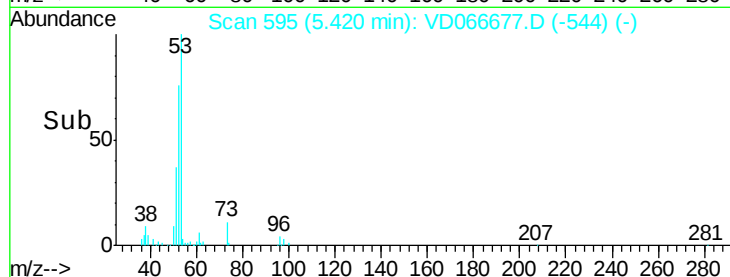
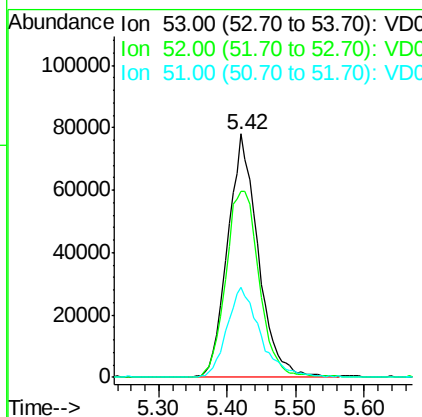
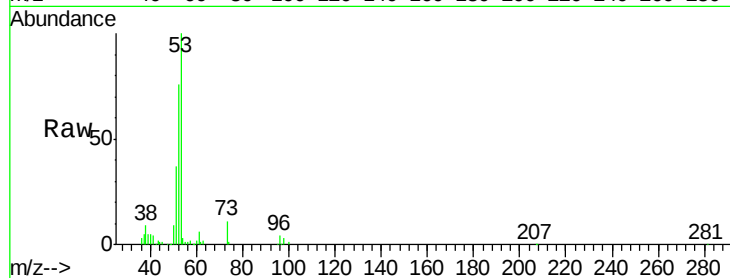
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	241033
Ion Ratio	Lower	Upper	
53	100		
52	83.6	65.4	98.2
51	40.3	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 245.538 ug/l

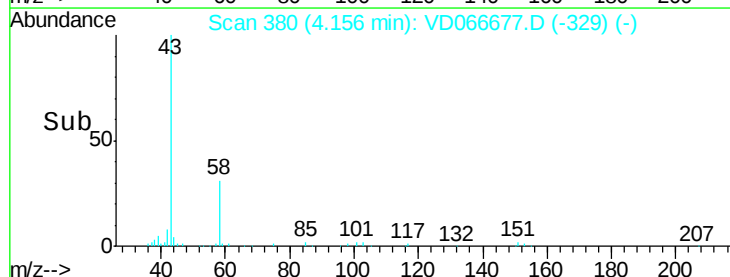
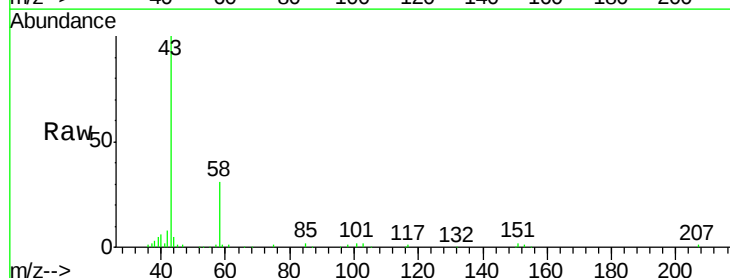
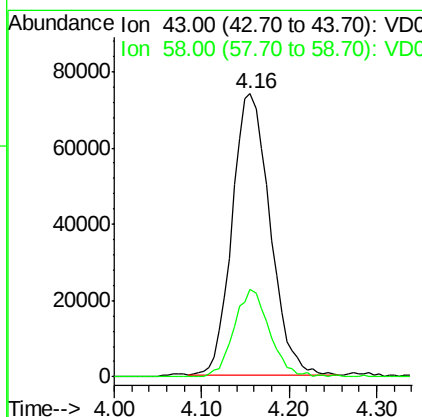
RT: 4.16 min Scan# 380

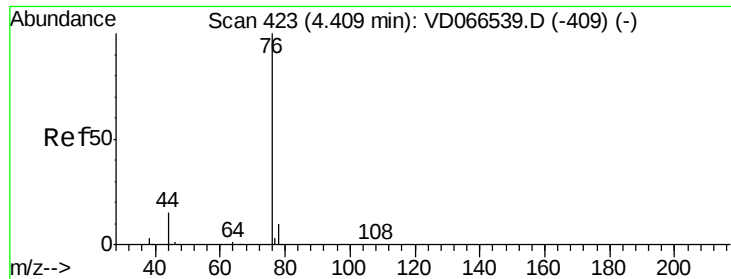
Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion:	43	Resp:	216395
Ion Ratio	Lower	Upper	
43	100		
58	31.1	22.9	34.3





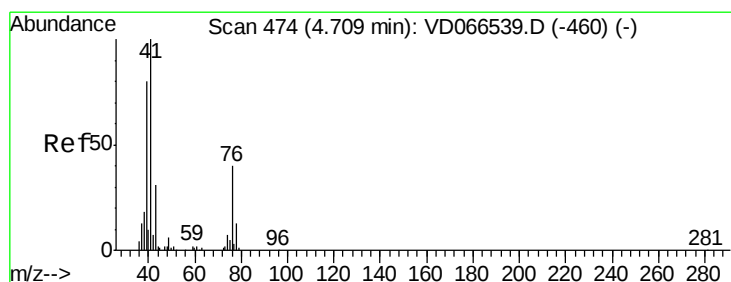
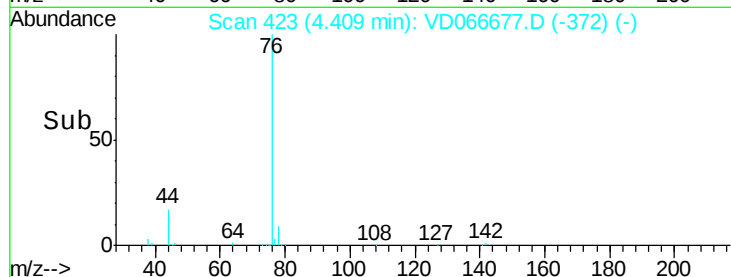
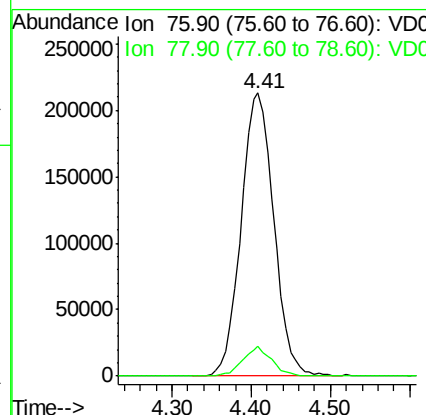
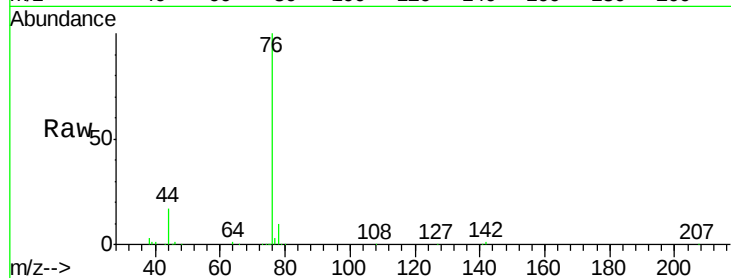
#17
Carbon Disulfide
Concen: 46.509 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.6	11.4

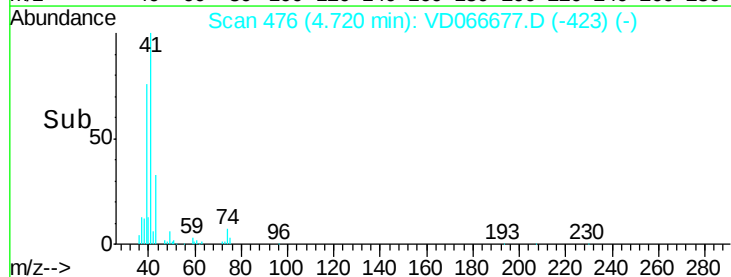
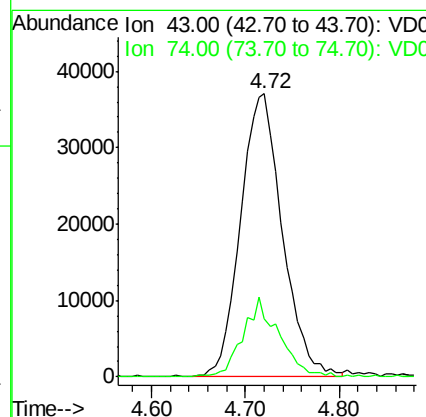
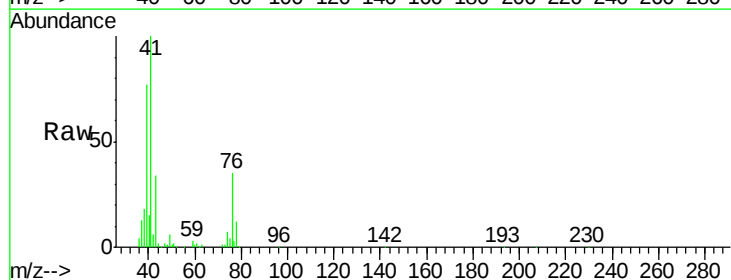
Manual Integrations
APPROVED

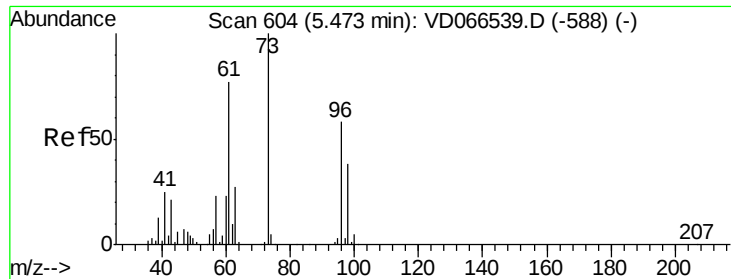
MMDadoda
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#18
Methyl Acetate
Concen: 54.452 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.0	27.0





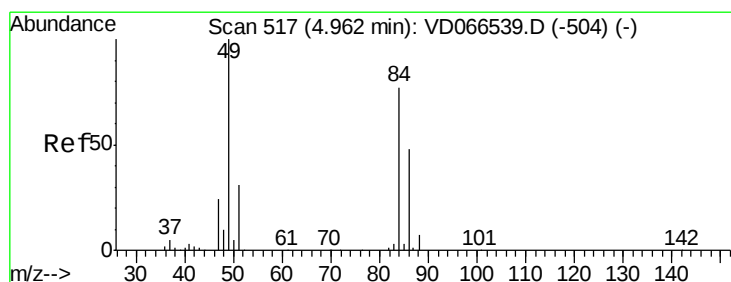
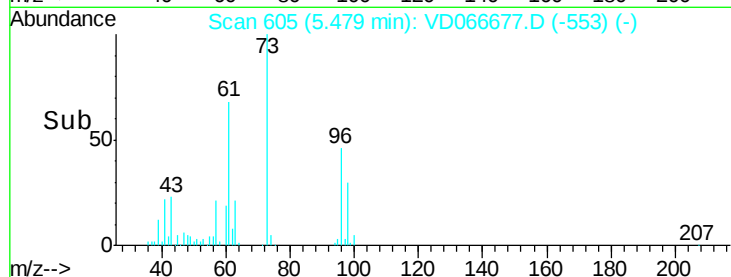
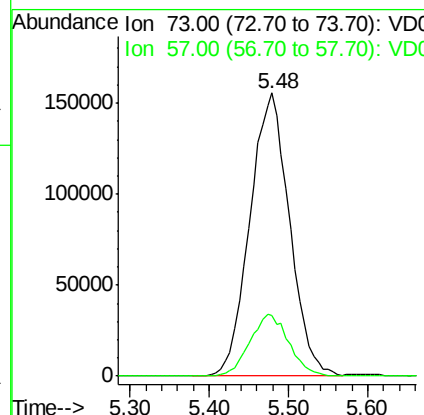
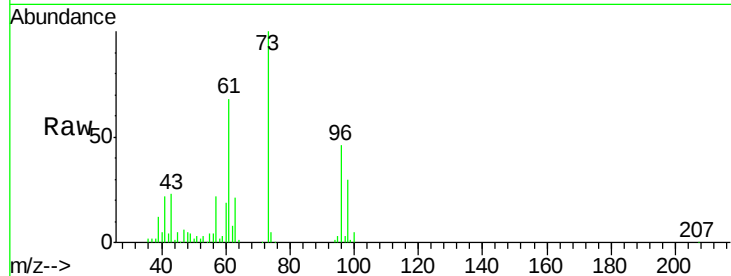
#19
Methyl tert-butyl Ether
Concen: 58.020 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion: 73 Resp: 542679
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5

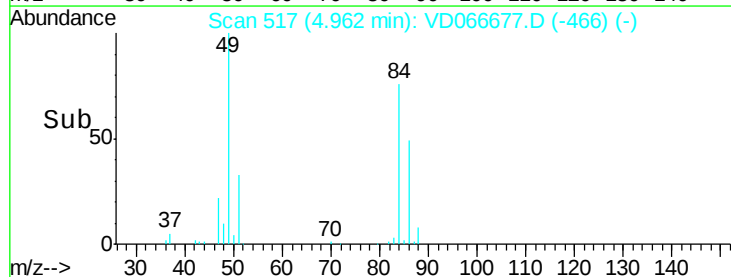
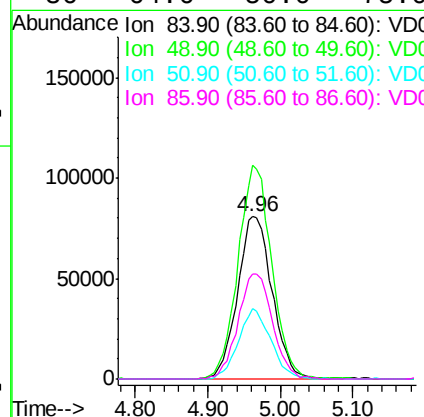
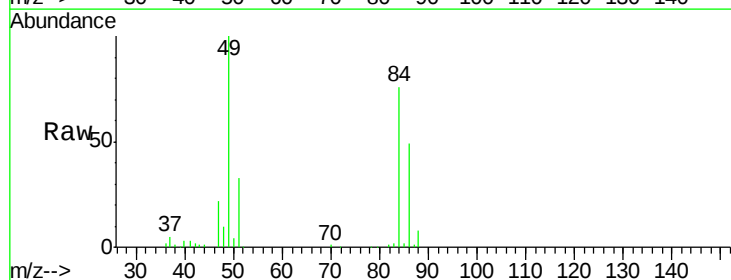
Manual Integrations
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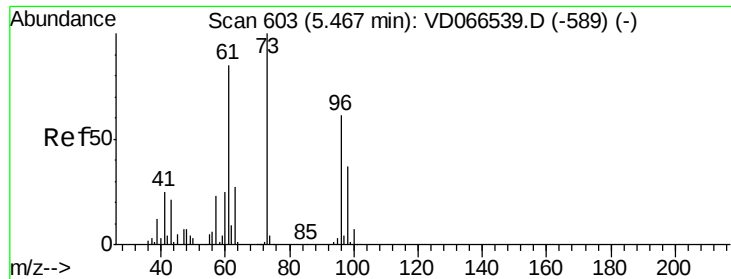
MMDadoda
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#20
Methylene Chloride
Concen: 56.689 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 84 Resp: 268022
Ion Ratio Lower Upper
84 100
49 131.8 104.3 156.5
51 43.5 32.2 48.4
86 64.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 51.376 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

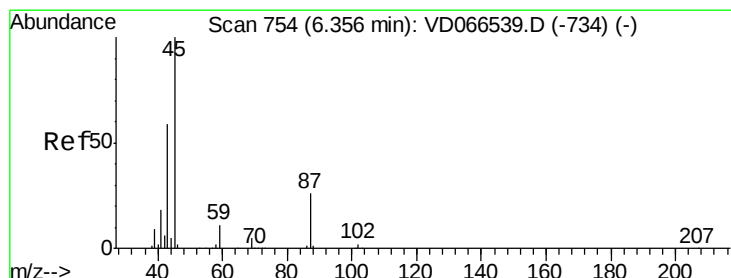
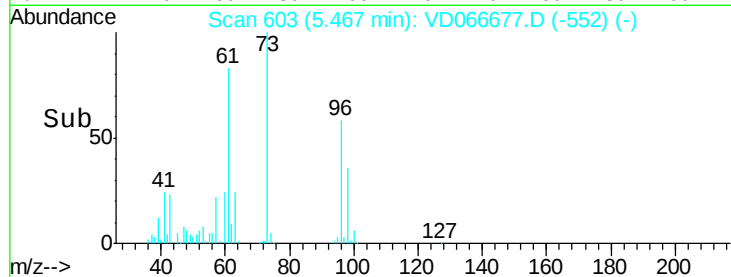
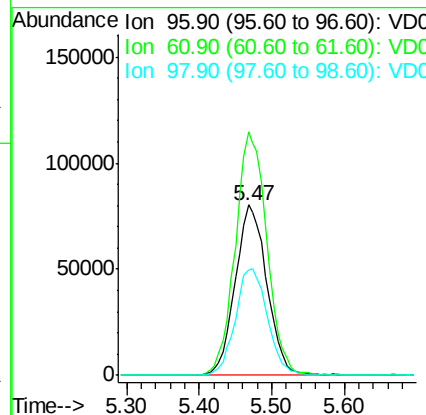
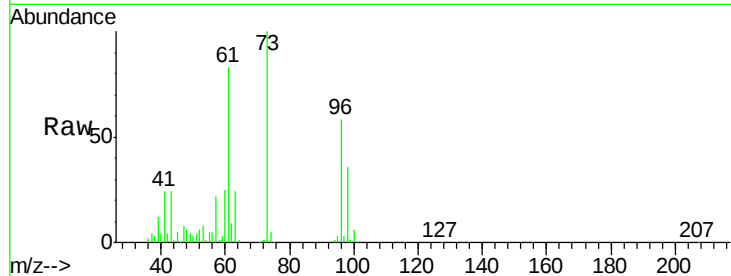
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	243335
Ion	Ratio	Lower	Upper
96	100		
61	142.9	112.1	168.1
98	62.1	48.6	72.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.206 ug/l

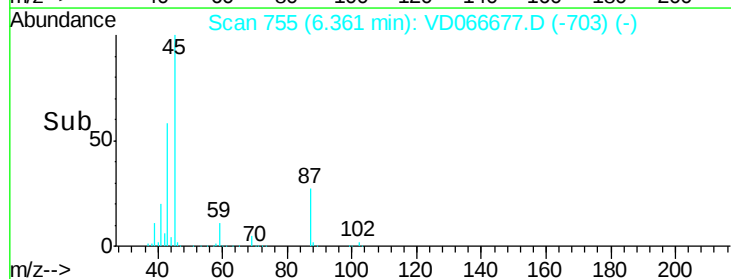
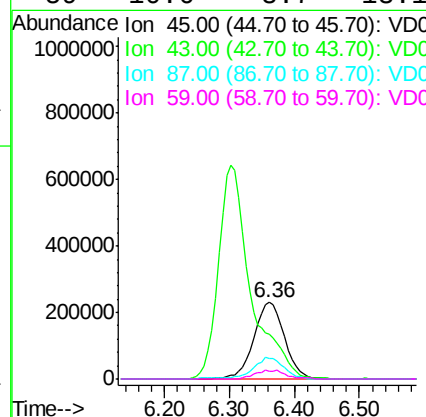
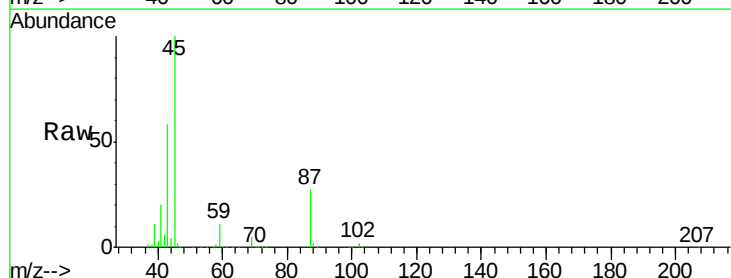
RT: 6.36 min Scan# 755

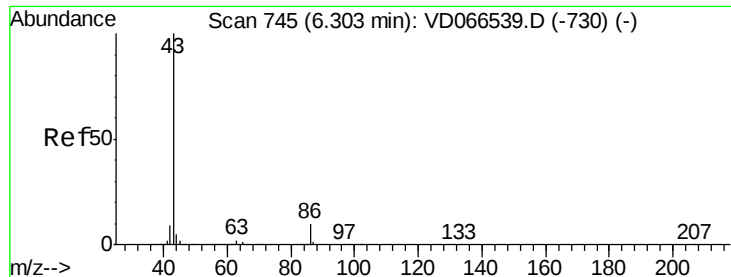
Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion:	45	Resp:	755532
Ion	Ratio	Lower	Upper
45	100		
43	57.4	47.0	70.4
87	27.0	21.3	31.9
59	10.6	8.7	13.1





#23

Vinyl Acetate

Concen: 287.734 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2201041

Ion Ratio Lower Upper

43 100

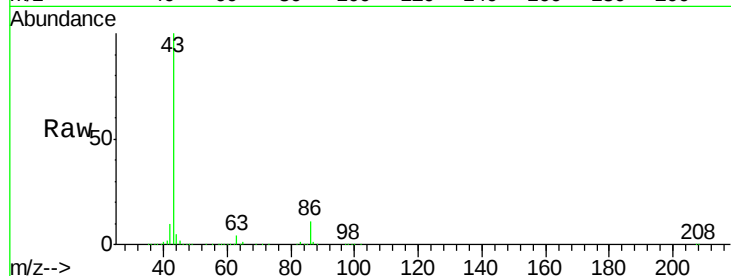
86 10.9 7.7 11.5

Manual Integrations

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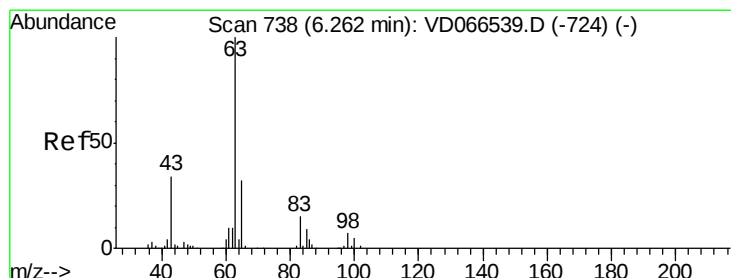
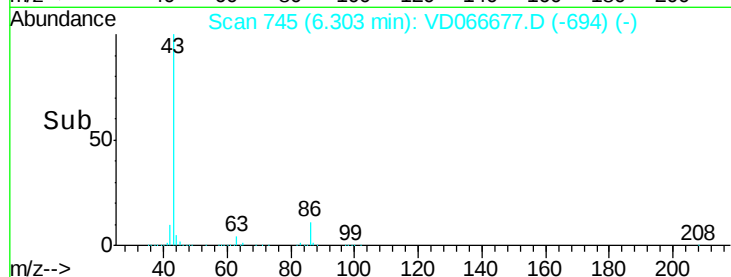
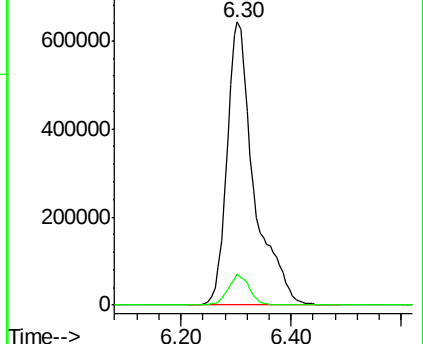
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.771 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

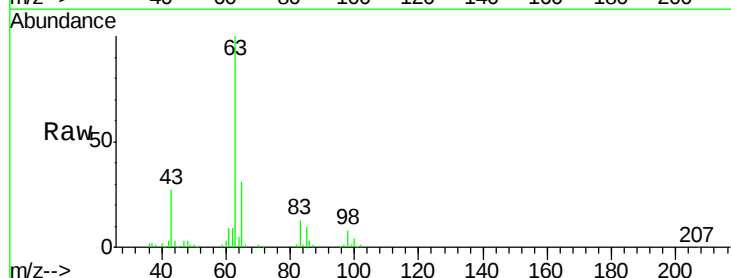
Tgt Ion: 63 Resp: 454535

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.1

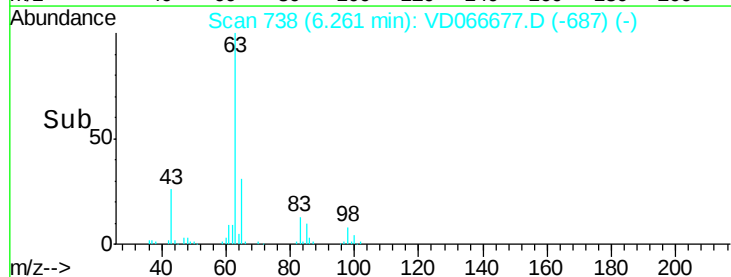
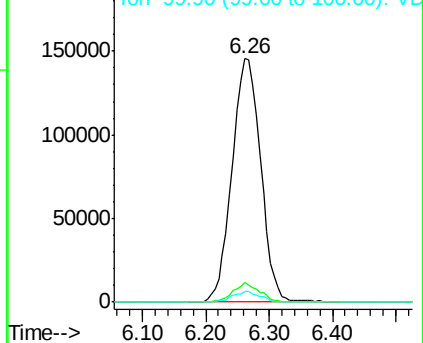
100 4.5 2.5 7.4

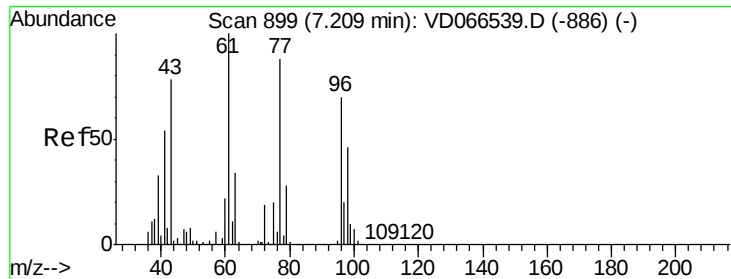


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 268.341 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 317463

Ion Ratio Lower Upper

43 100

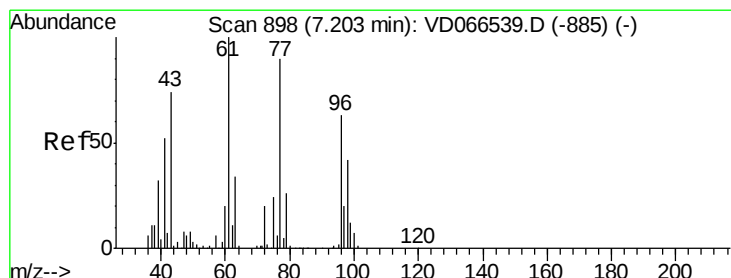
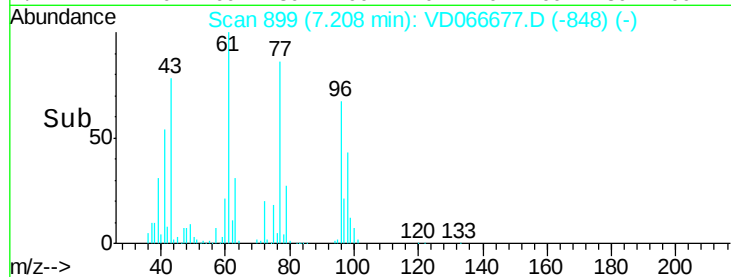
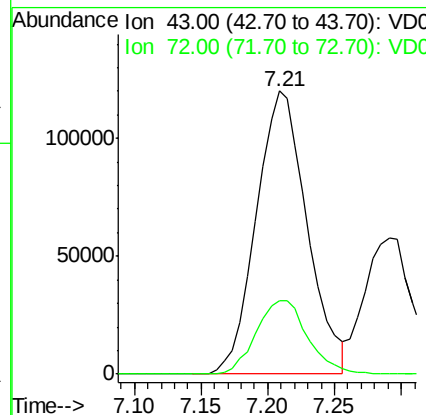
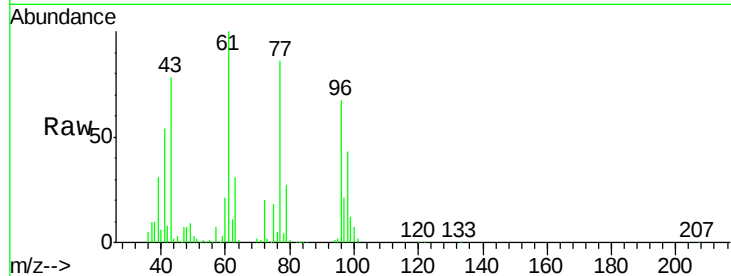
72 25.9 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 51.065 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066677.D

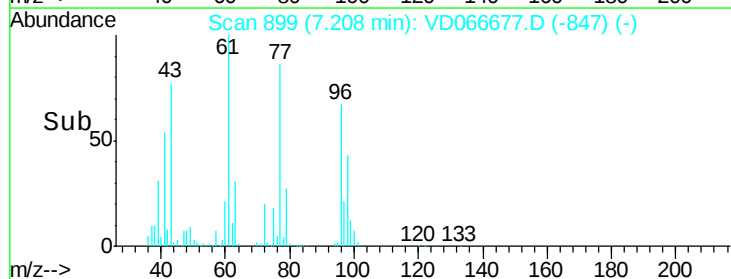
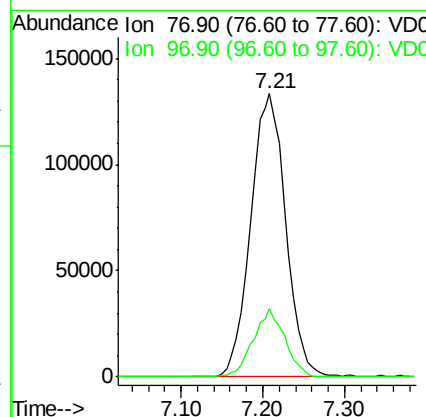
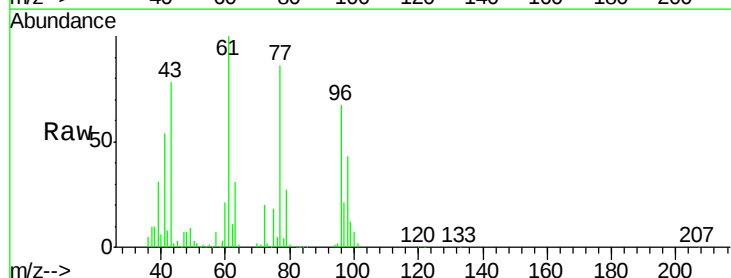
Acq: 14 Sep 2020 16:59

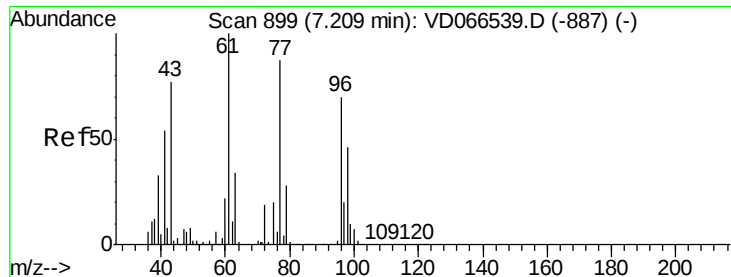
Tgt Ion: 77 Resp: 395956

Ion Ratio Lower Upper

77 100

97 21.9 10.8 32.3





#27

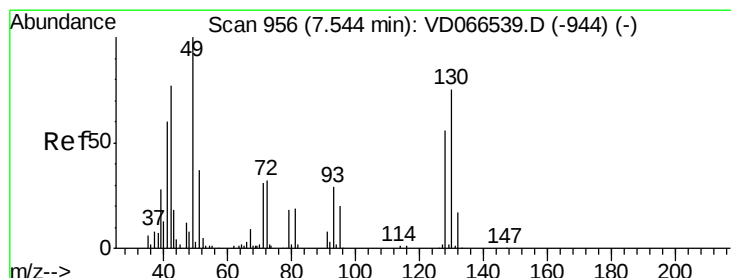
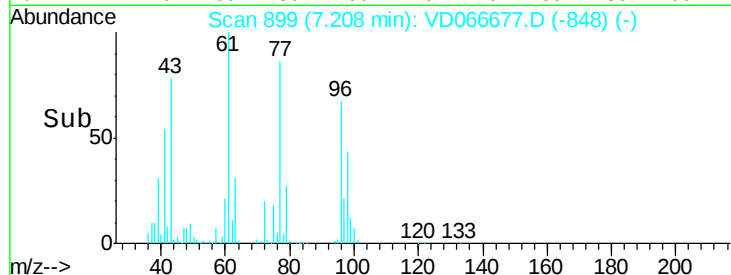
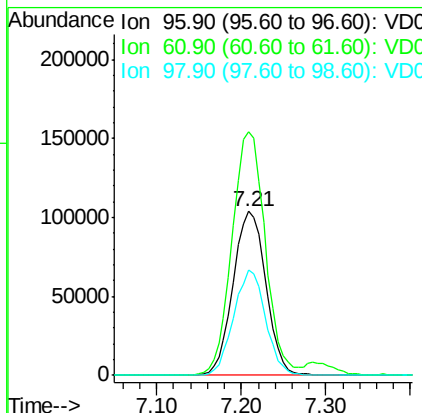
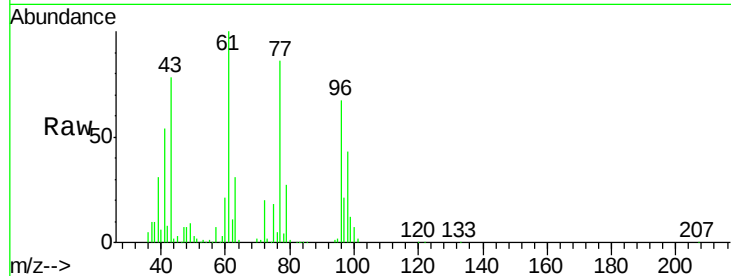
cis-1,2-Dichloroethene
 Concen: 55.055 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	301.0
98	62.3	0.0	129.8

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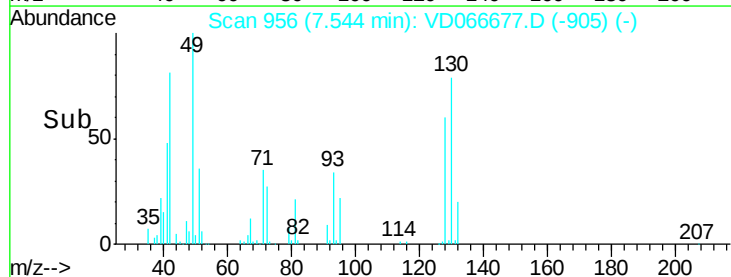
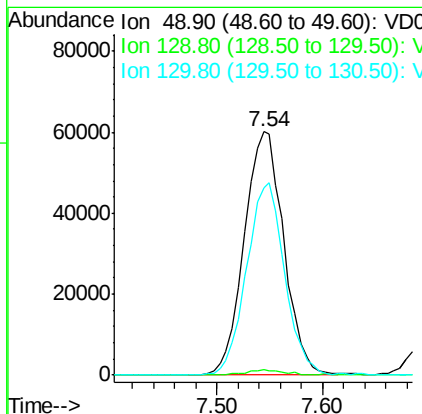
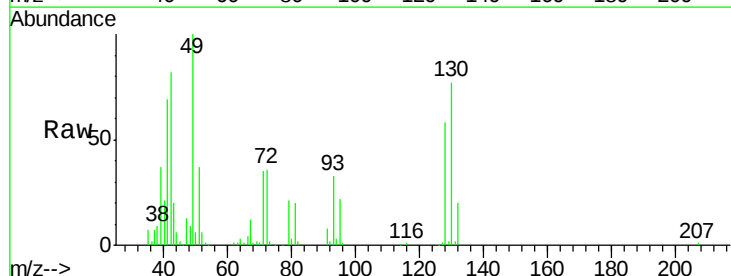
MMDadoda
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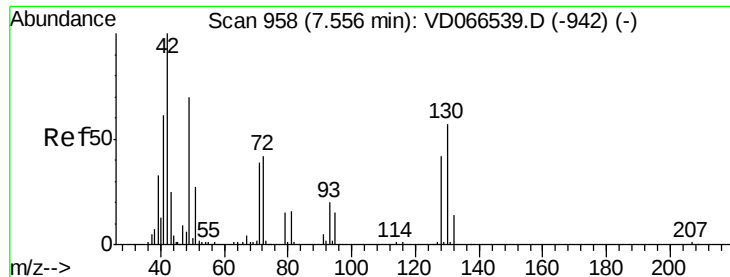


#28

Bromochloromethane
 Concen: 47.912 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.6
130	76.3	58.2	87.2





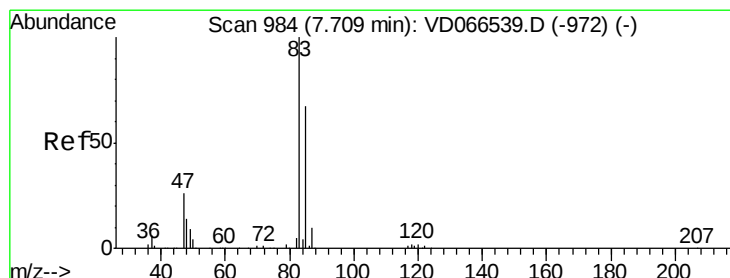
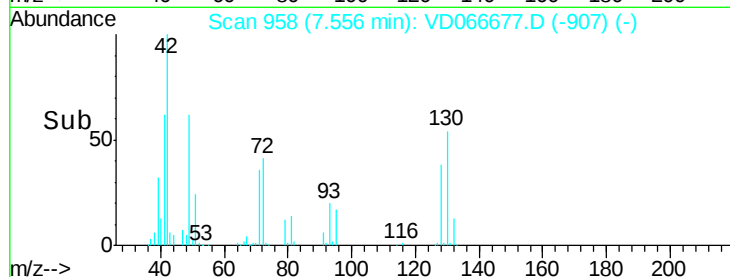
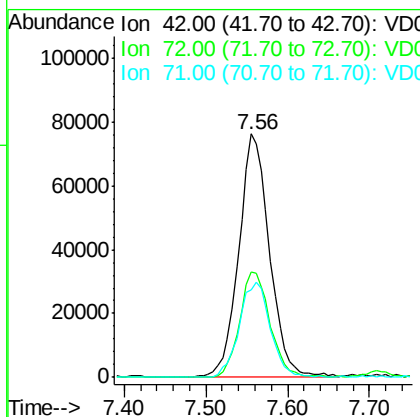
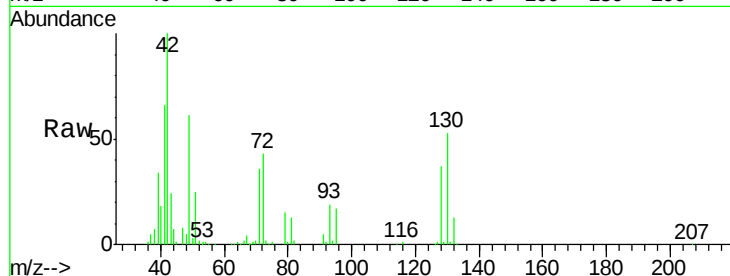
#29
Tetrahydrofuran
Concen: 271.706 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.4	50.0
71	39.3	31.9	47.9

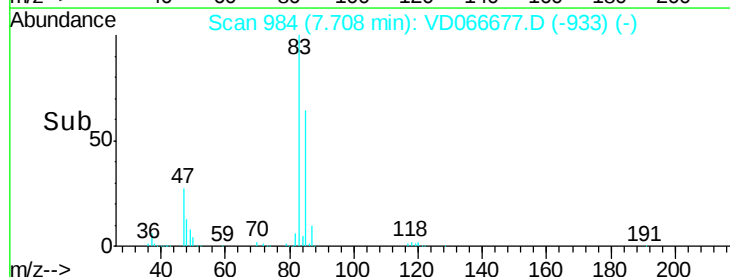
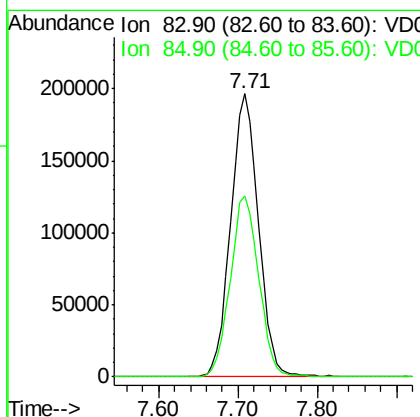
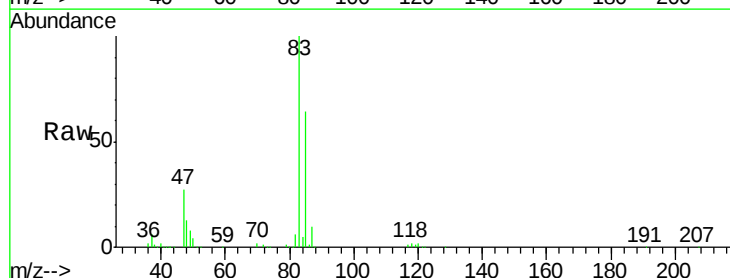
Manual Integrations
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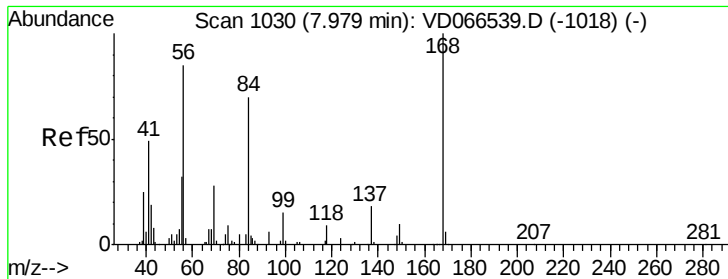
MMDadoda
9/15/2020 2:27:55 PM



#30
Chloroform
Concen: 53.332 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.6	80.4





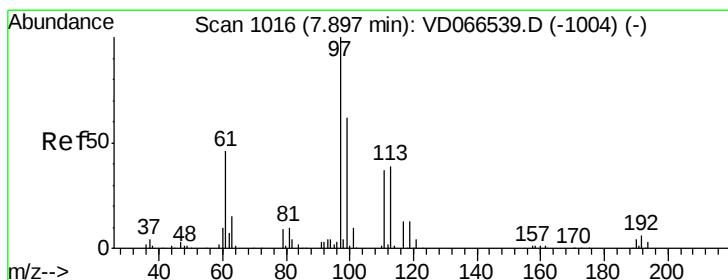
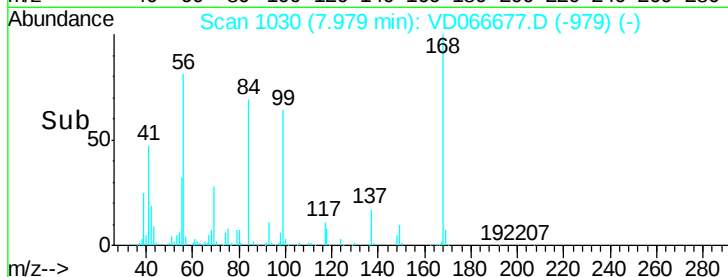
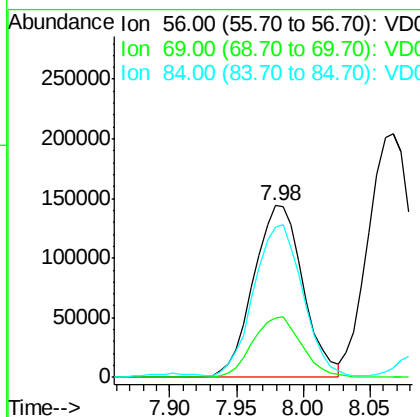
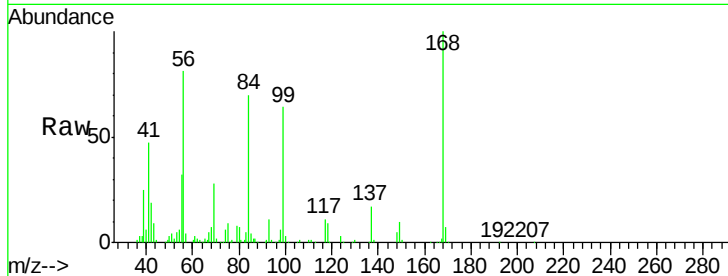
#31
Cyclohexane
Concen: 47.561 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	26.3	39.5
84	85.6	66.1	99.1

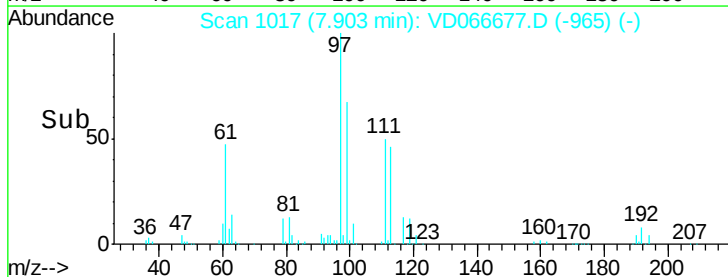
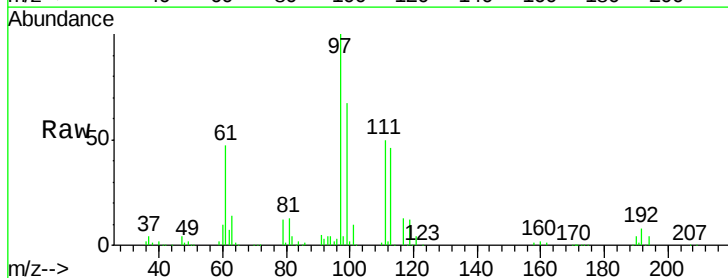
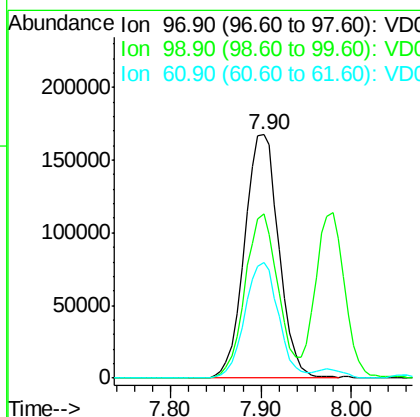
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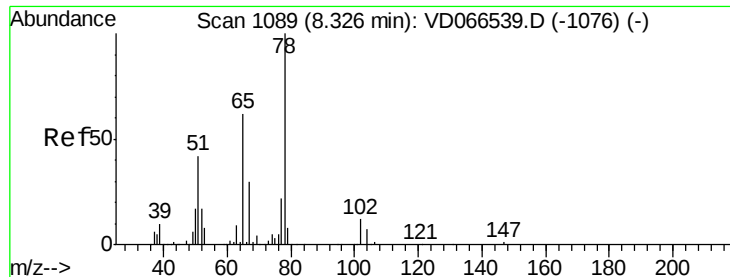
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.235 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	46.7	37.4	56.0





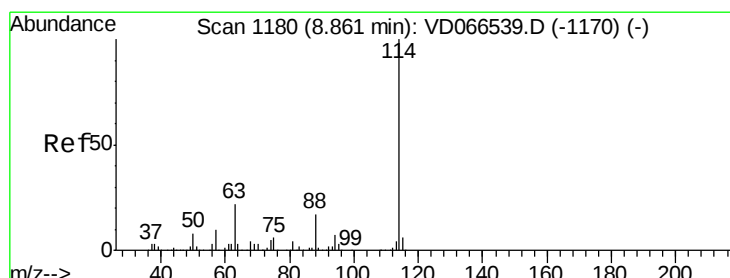
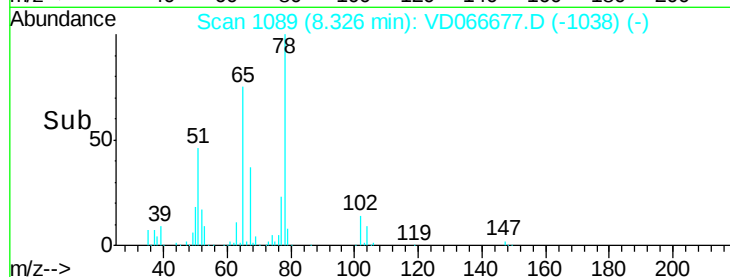
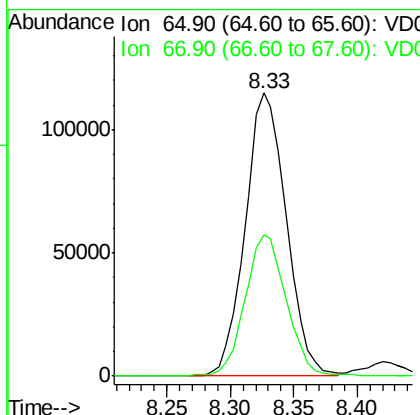
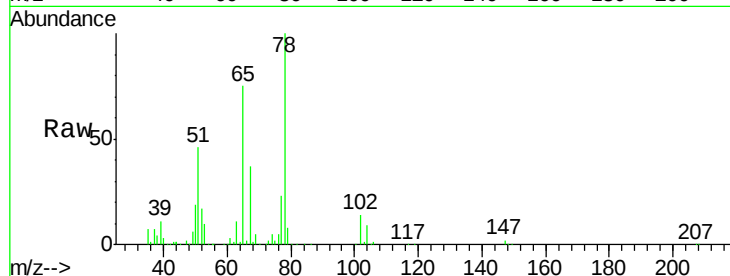
#33
 1,2-Dichloroethane-d4
 Concen: 54.100 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	259130		
67	50.3	0.0	102.8	

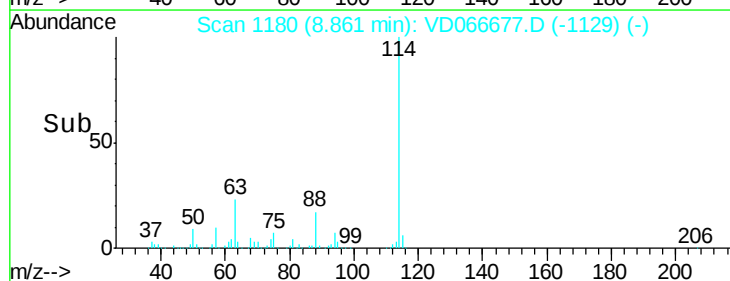
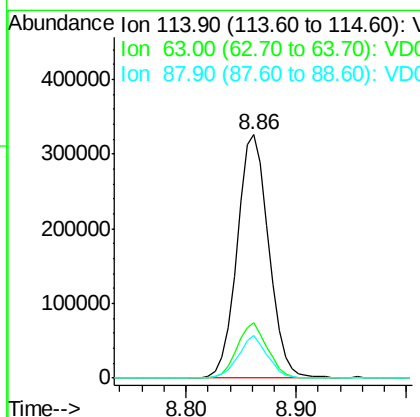
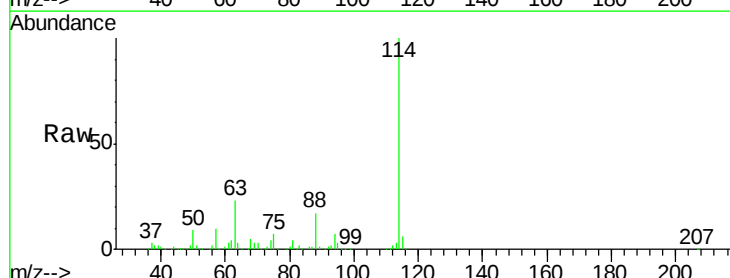
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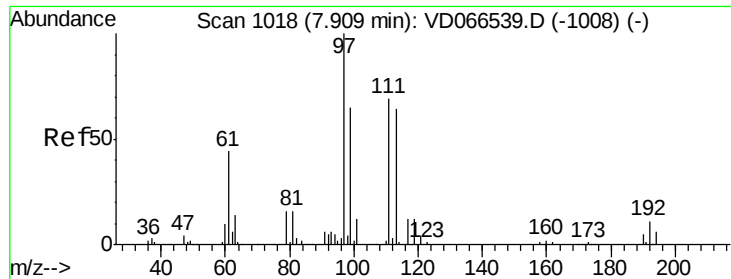
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	657138		
63	22.7	0.0	43.2	
88	17.4	0.0	33.2	





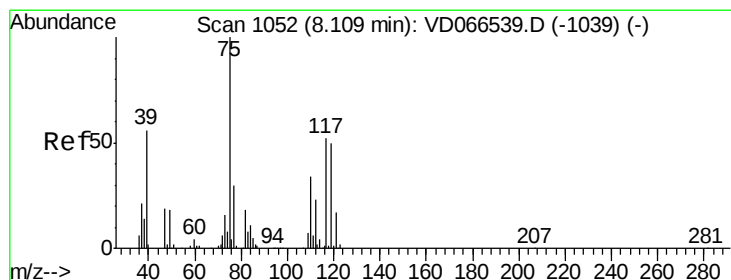
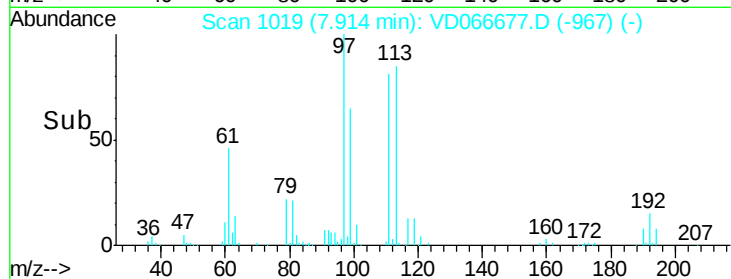
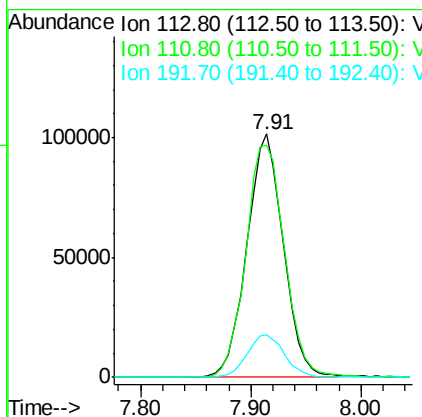
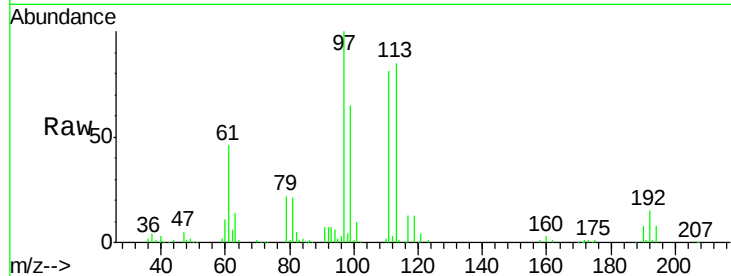
#35
Dibromofluoromethane
Concen: 53.137 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	235562		
111	102.0	83.2	124.8	
192	17.8	13.7	20.5	

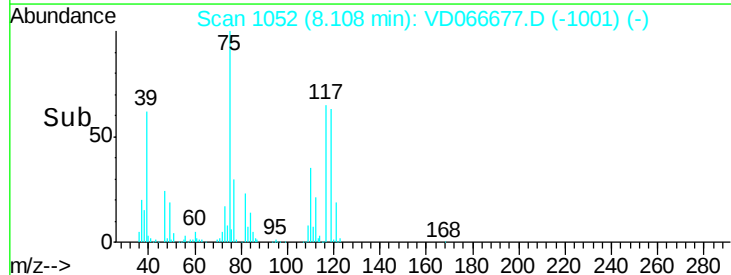
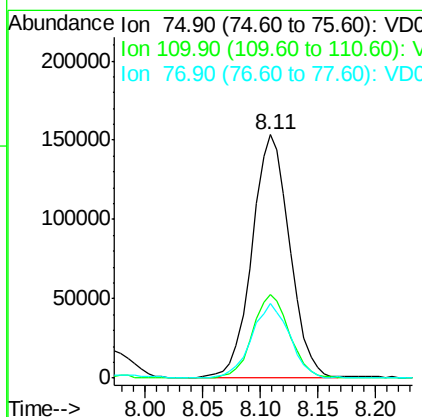
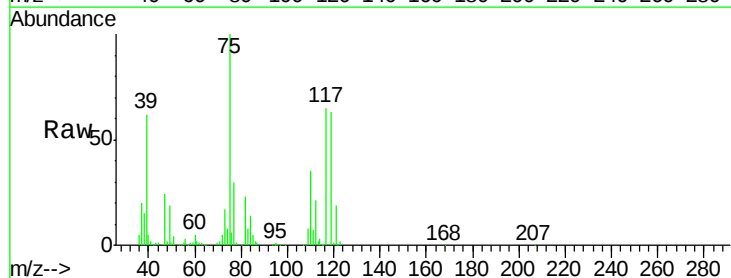
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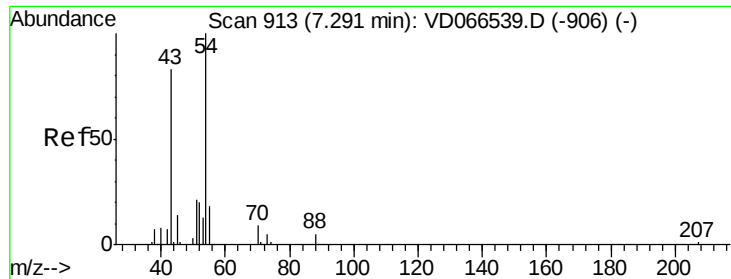
MMDadoda
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#36
1,1-Dichloropropene
Concen: 50.590 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	345978		
110	34.3	17.3	52.0	
77	31.4	25.1	37.7	





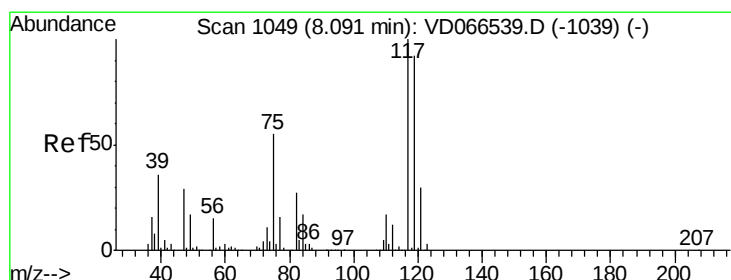
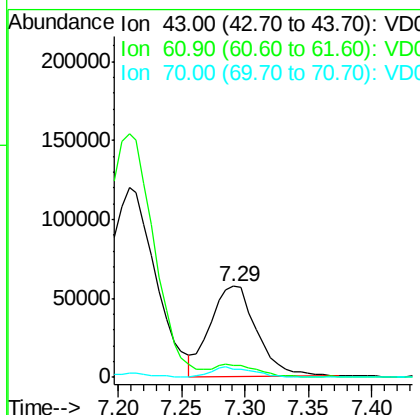
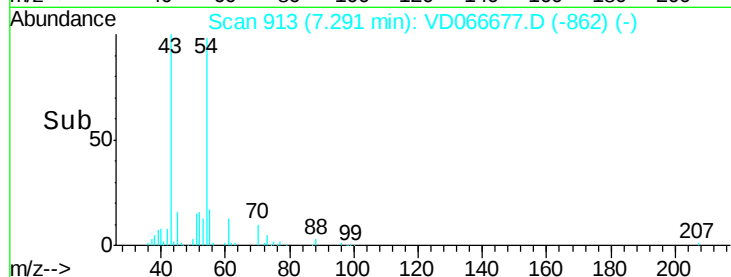
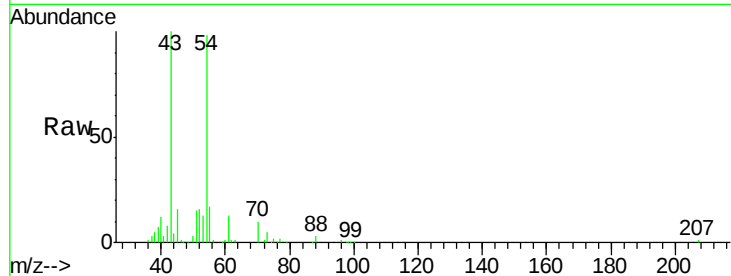
#37
Ethyl Acetate
Concen: 53.647 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.8	11.8	17.8#
70	10.5	7.9	11.9

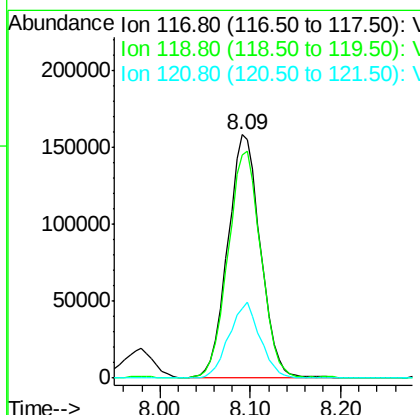
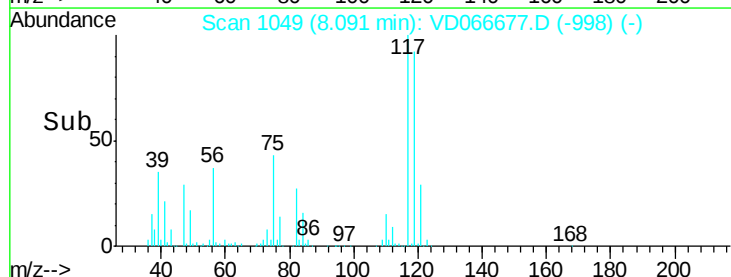
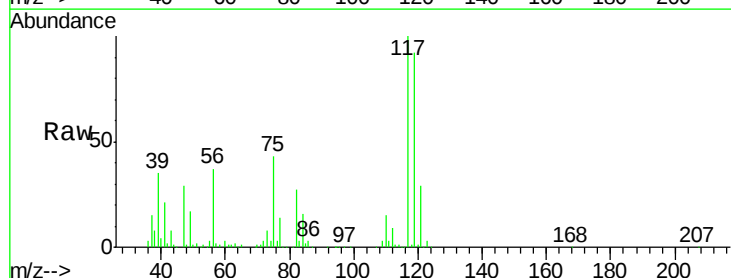
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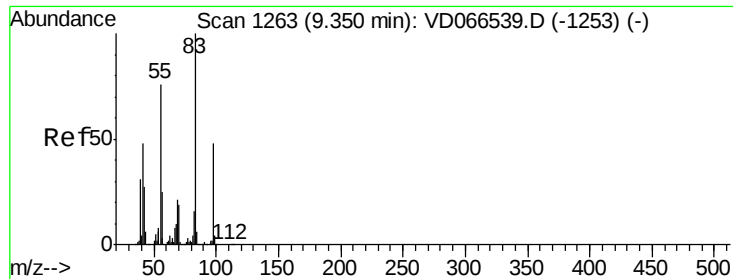
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.408 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.9	110.9
121	28.6	24.1	36.1





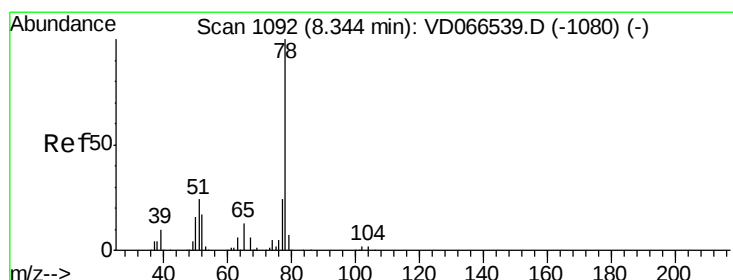
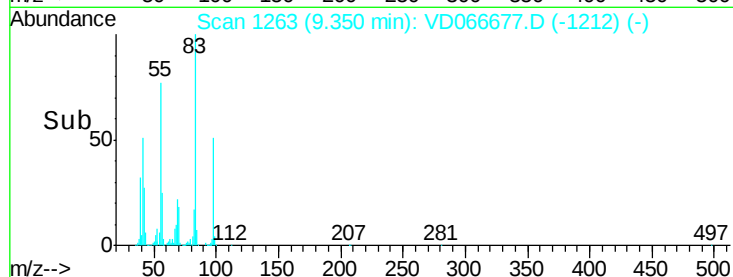
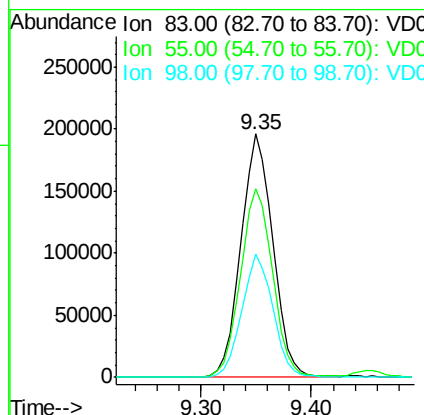
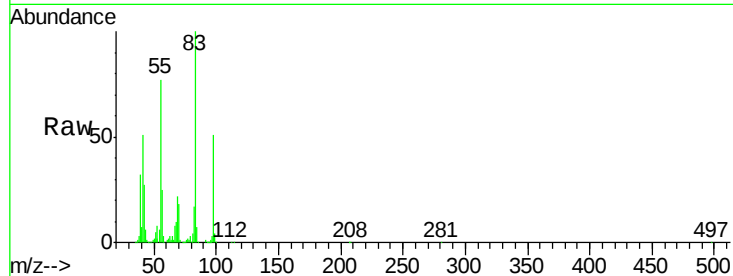
#39
Methvlcvclohexane
Concen: 52.370 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.8	91.2
98	50.8	38.6	58.0

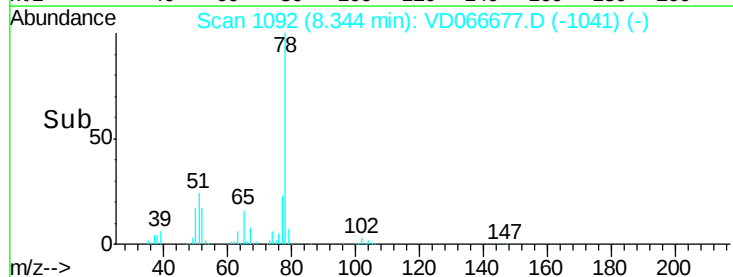
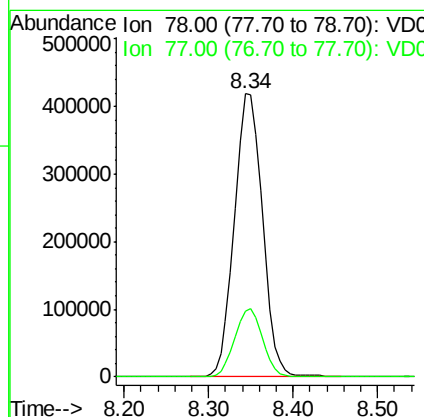
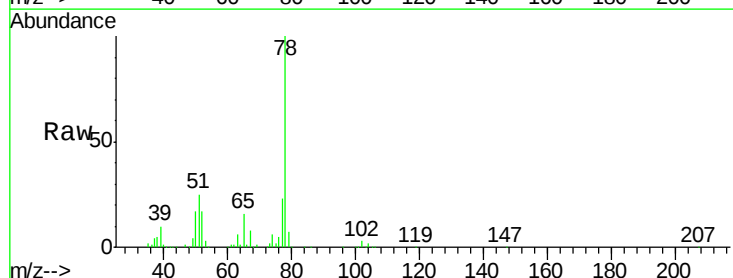
Manual Integrations
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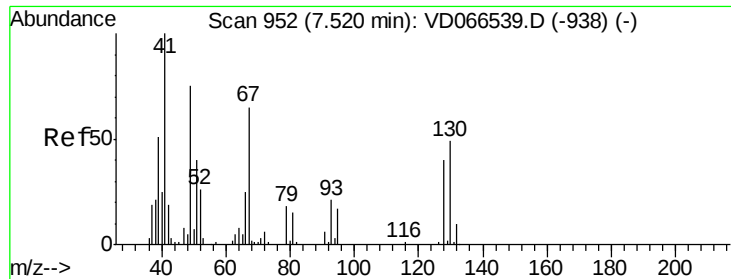
MMDadoda
9/15/2020 2:27:55 PM



#40
Benzene
Concen: 51.496 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





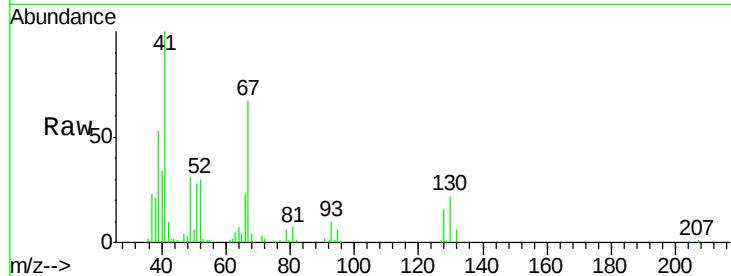
#41
Methacrylonitrile
Concen: 50.922 ug/l m
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

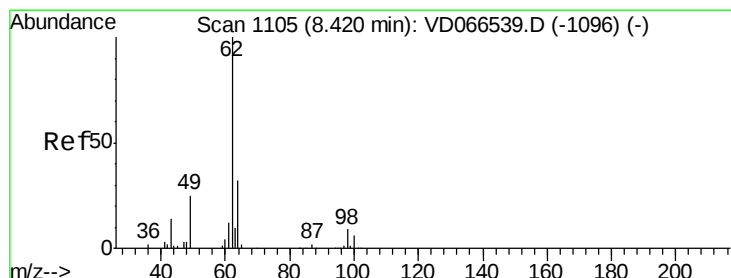
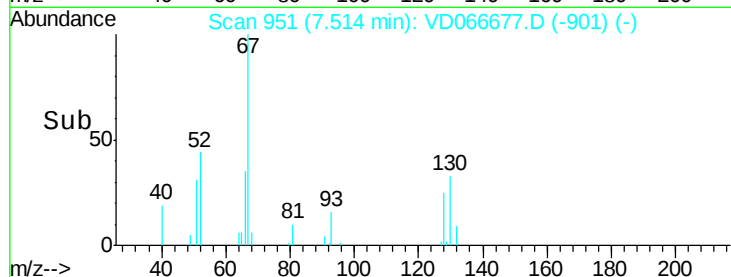
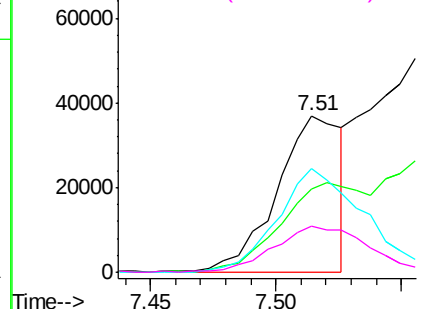
Tot Ion	Ratio	Lower	Upper
41	100		
39	89.1	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

Manual Integrations
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MMDadoda
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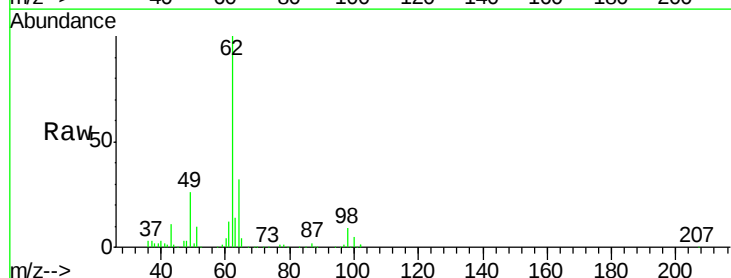


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

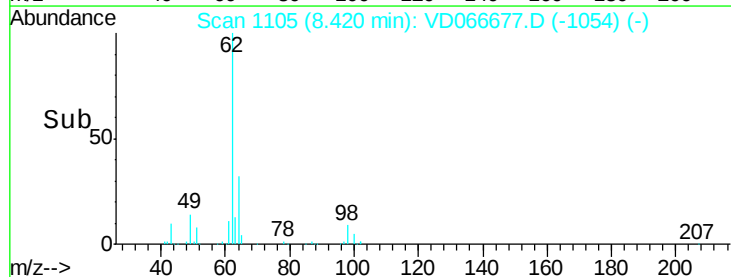
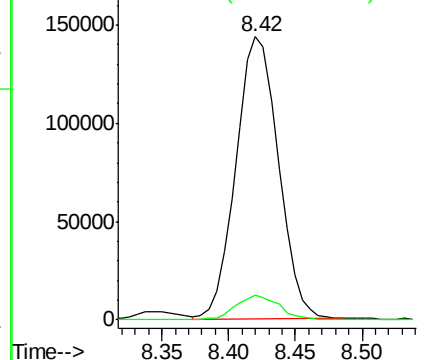


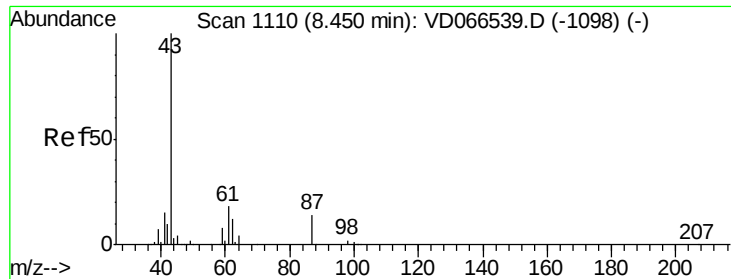
#42
1,2-Dichloroethane
Concen: 52.299 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





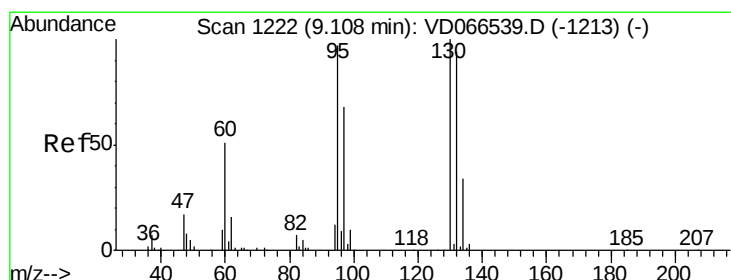
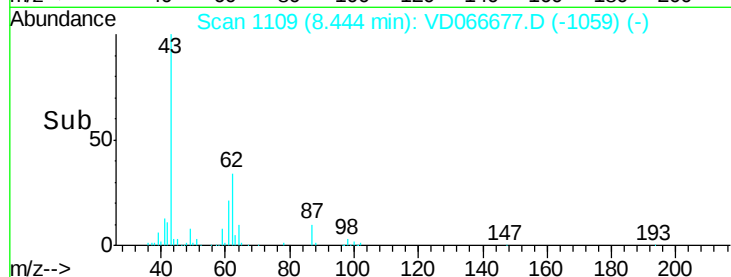
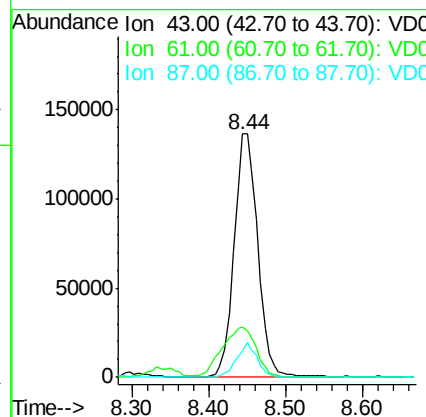
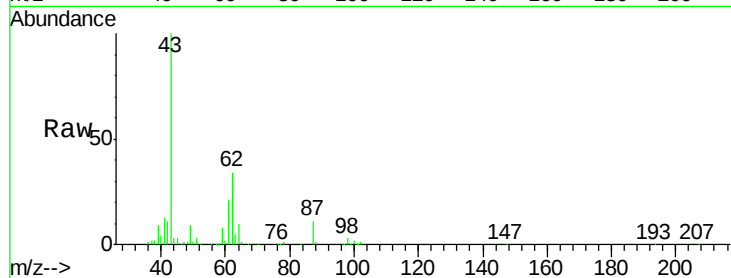
#43
Isopropyl Acetate
Concen: 56.400 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.8	35.8
87	12.4	10.7	16.1

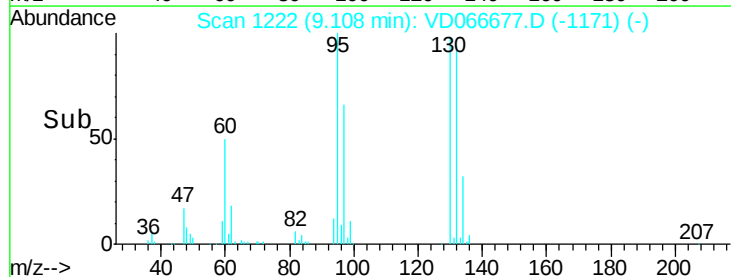
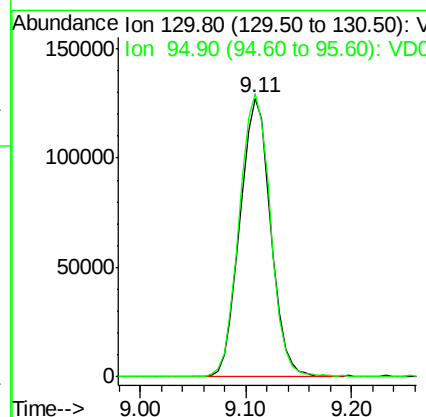
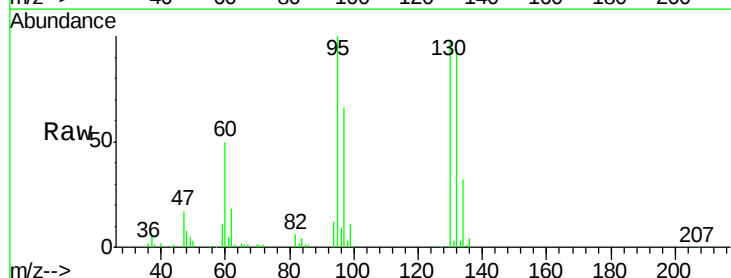
Manual Integrations
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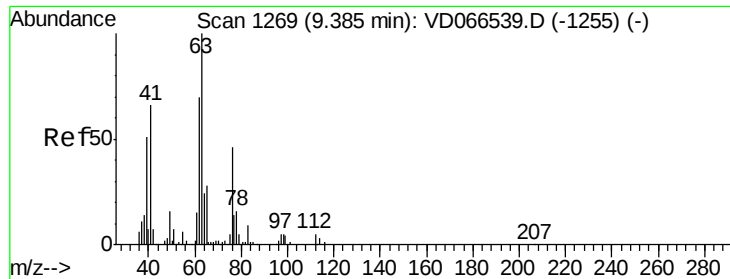
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#44
Trichloroethene
Concen: 52.276 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	194.4





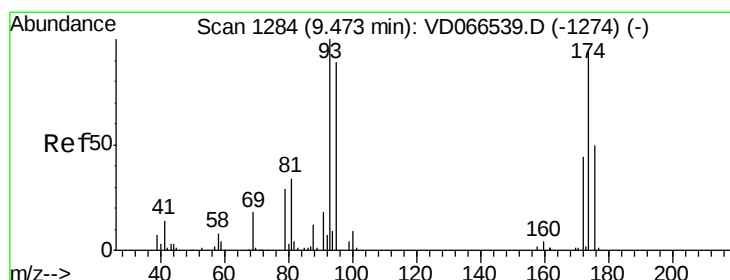
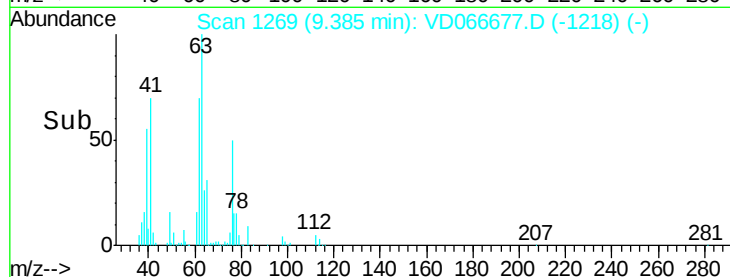
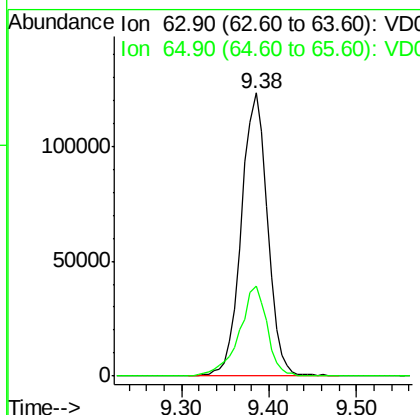
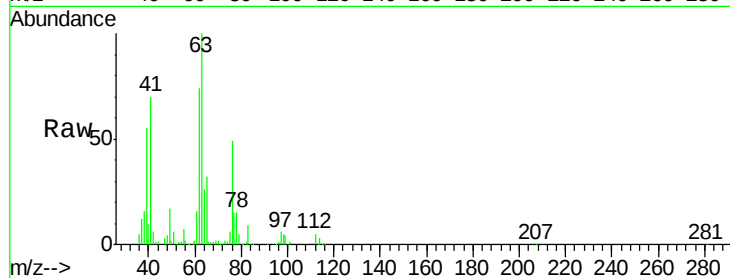
#45
 1,2-Dichloropropane
 Concen: 52.762 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.6	34.0

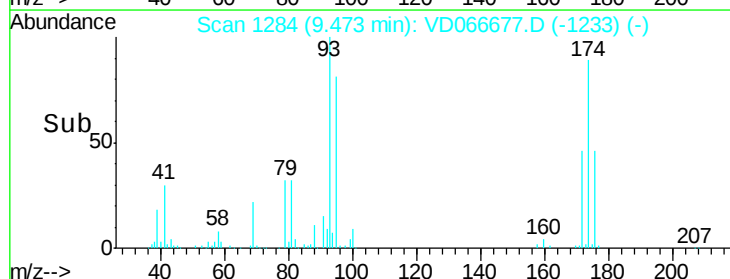
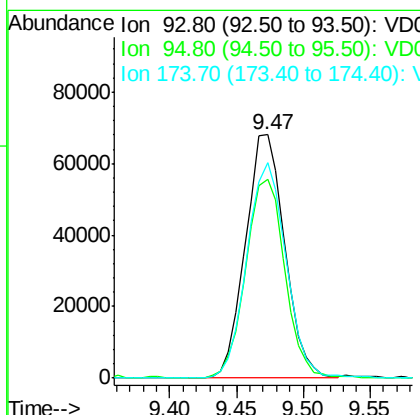
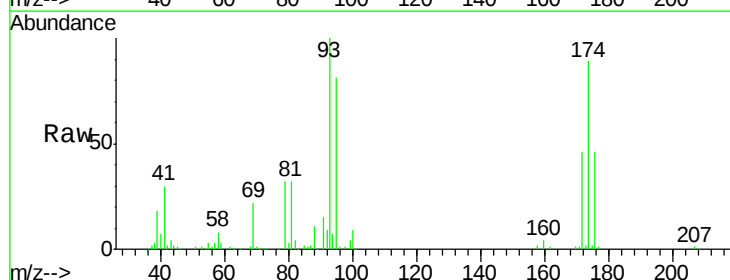
Manual Integrations
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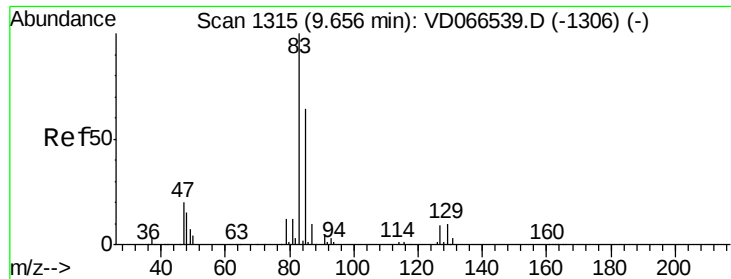
MMDadoda
 9/15/2020 2:27:55 PM



#46
 Dibromomethane
 Concen: 53.356 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	68.7	103.1
174	88.8	70.0	105.0





#47

Bromodichloromethane

Concen: 53.581 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

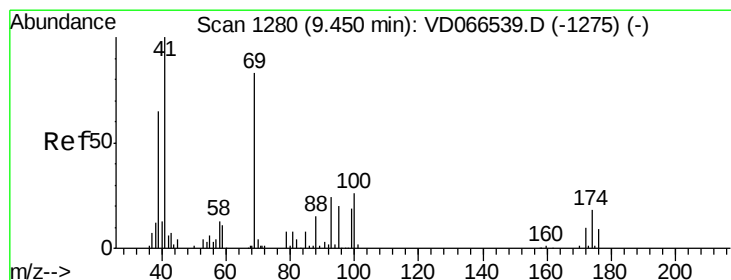
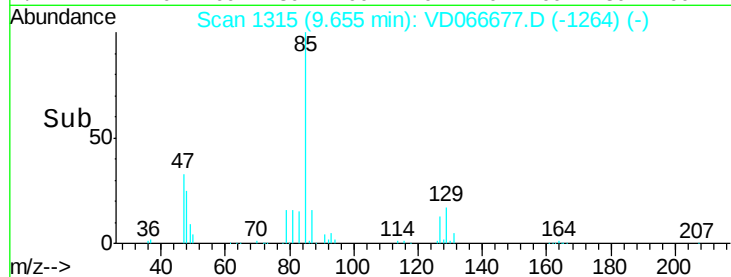
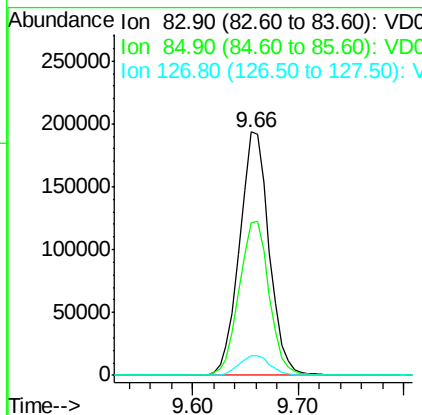
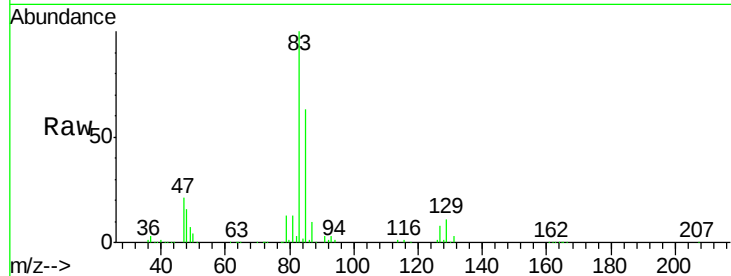
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	376717
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.1	76.7
127	8.3	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.166 ug/l

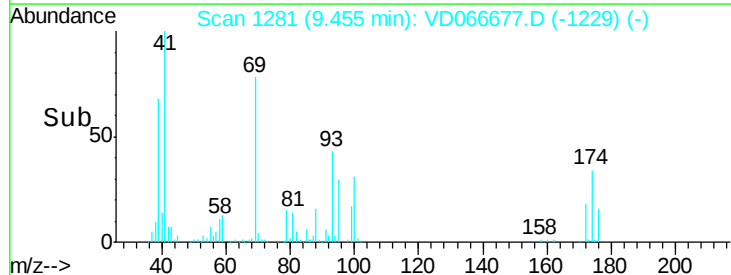
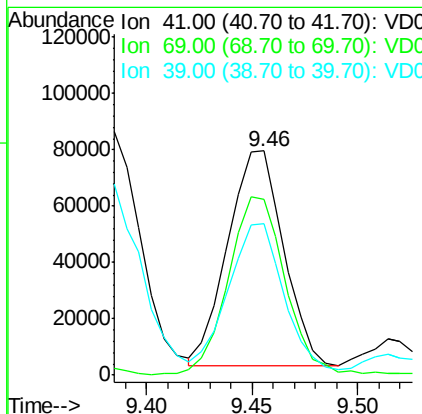
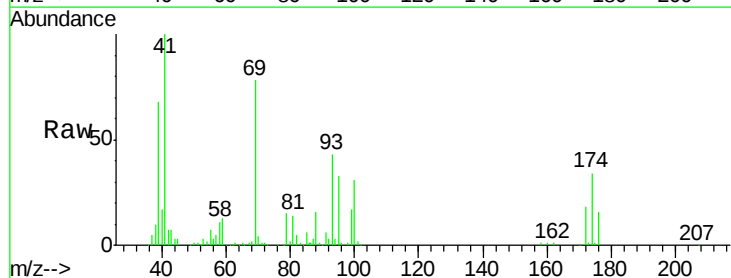
RT: 9.46 min Scan# 1281

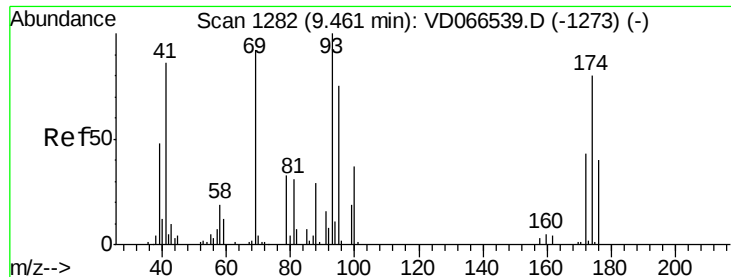
Delta R.T. 0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion:	41	Resp:	140298
Ion Ratio	Lower	Upper	
41	100		
69	83.5	64.5	96.7
39	65.9	46.6	69.8





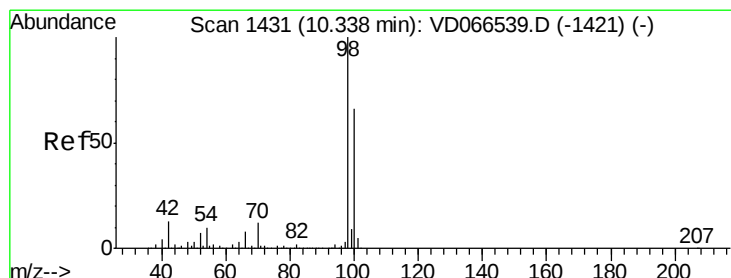
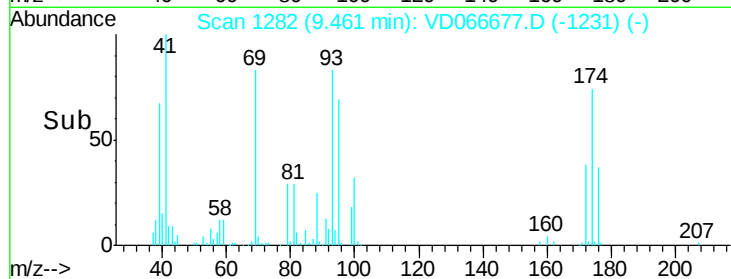
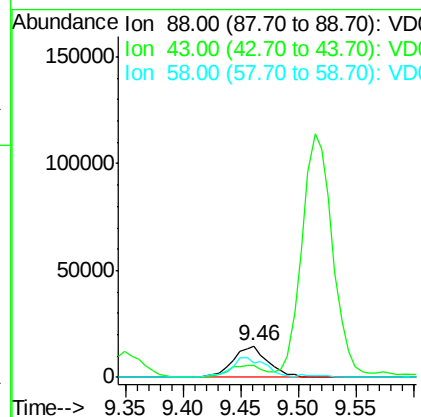
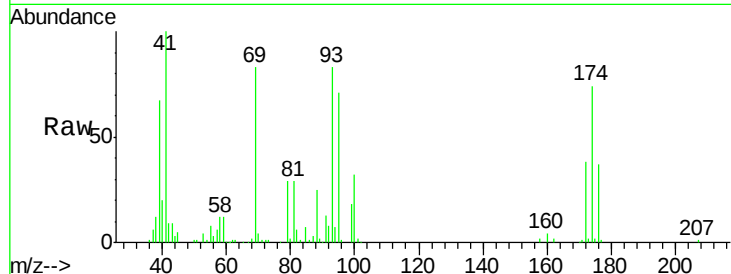
#49
1,4-Dioxane
Concen: 1084.824 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	30928
Ion Ratio	Lower	Upper	
88	100		
43	37.0	28.3	42.5
58	62.5	56.1	84.1

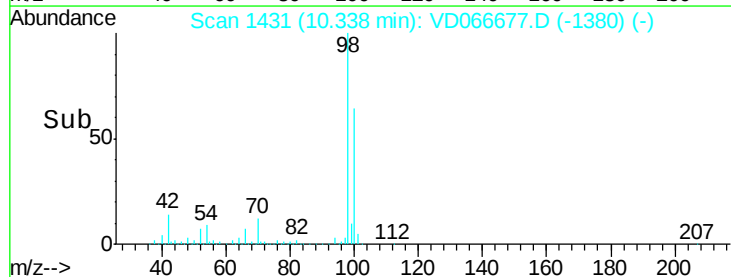
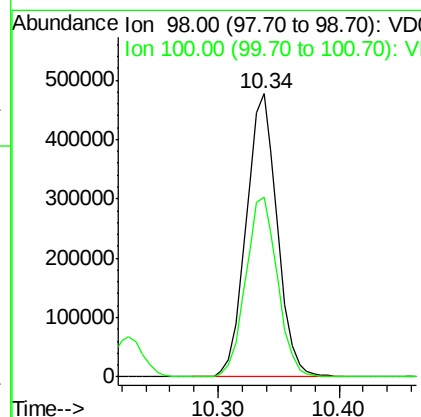
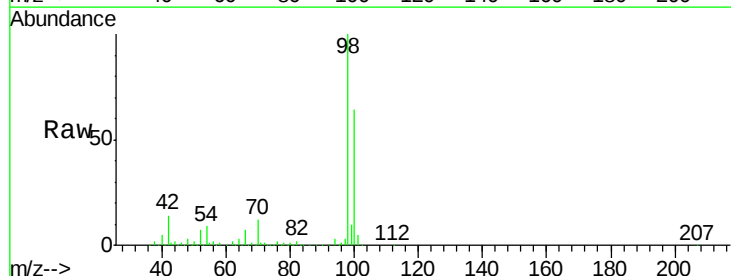
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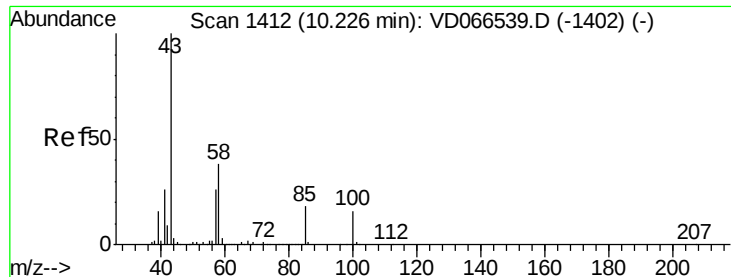
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#50
Toluene-d8
Concen: 53.786 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	98	Resp	852224
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.9	79.3





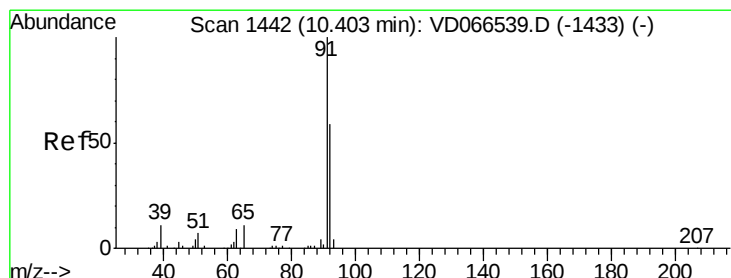
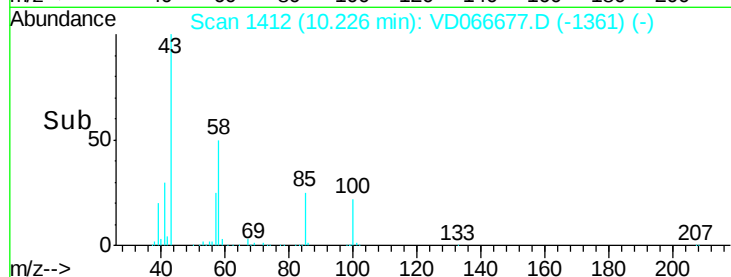
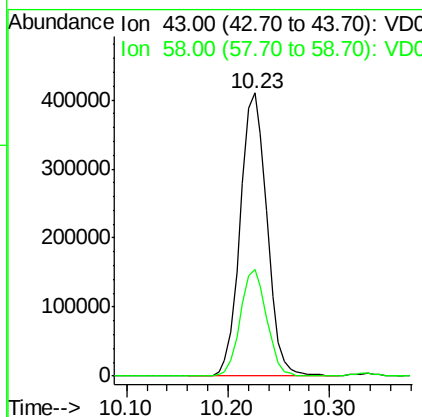
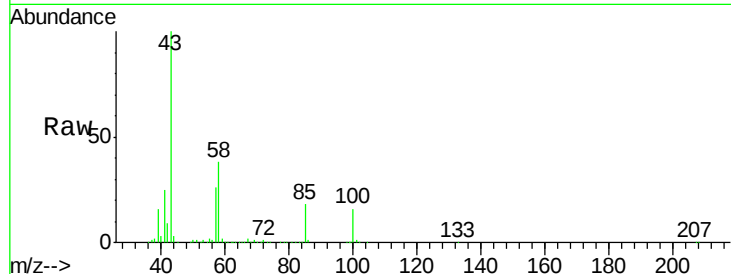
#51
 4-Methyl-2-Pentanone
 Concen: 284.835 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 749666
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.5 45.7

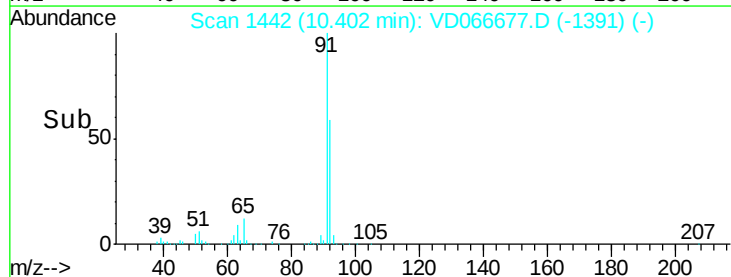
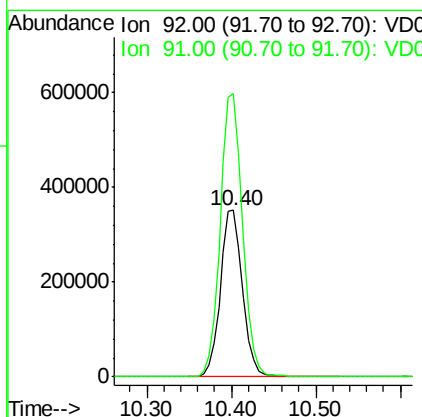
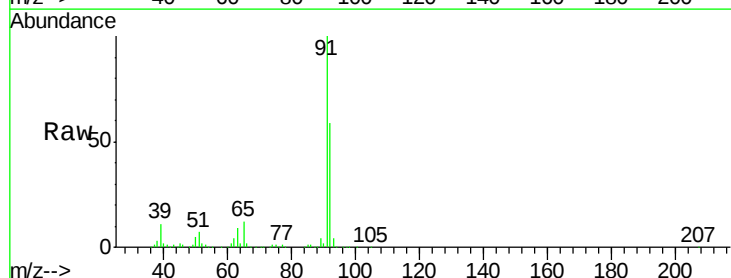
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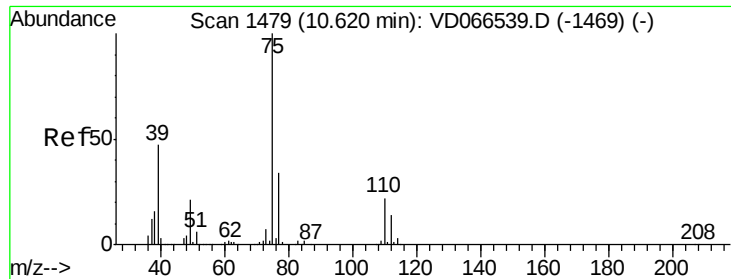
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#52
 Toluene
 Concen: 53.696 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 92 Resp: 636633
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.4 206.2





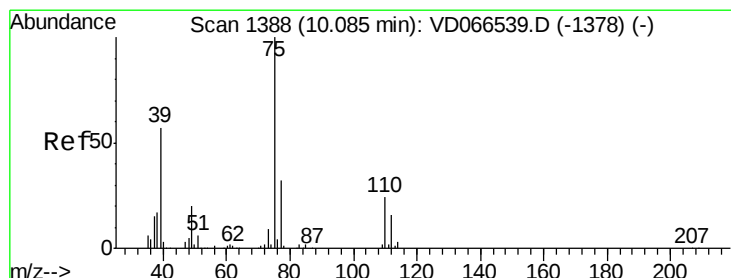
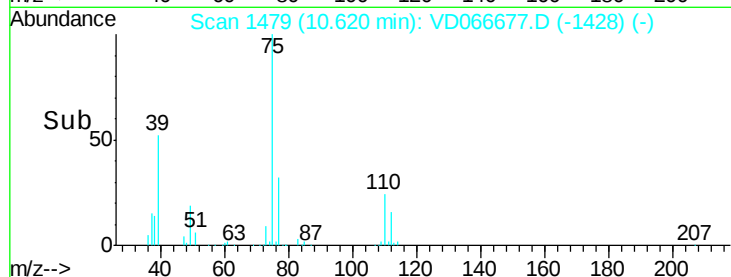
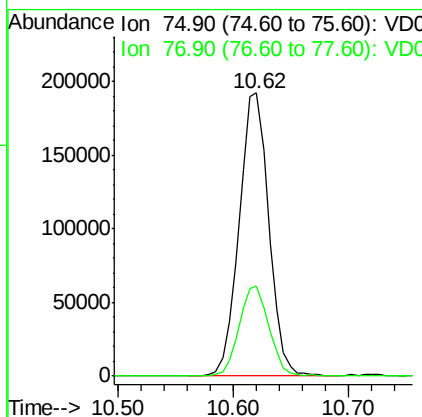
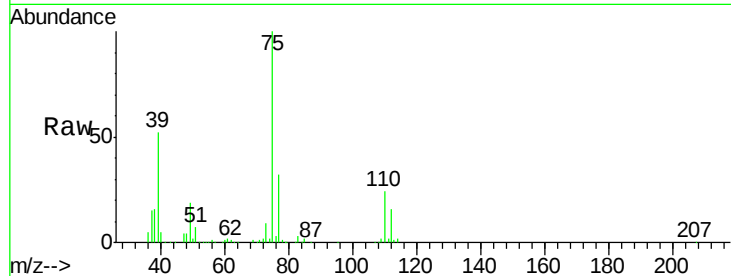
#53
 t-1,3-Dichloropropene
 Concen: 55.271 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 343045
 Ion Ratio Lower Upper
 75 100
 77 31.8 27.4 41.2

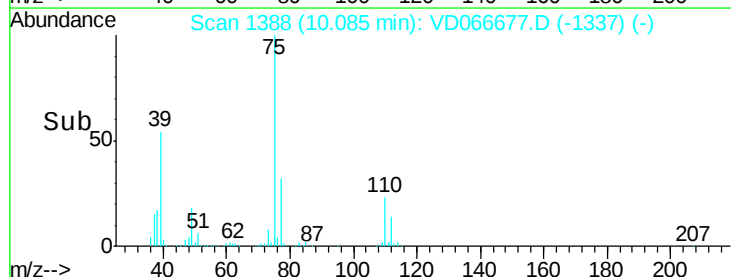
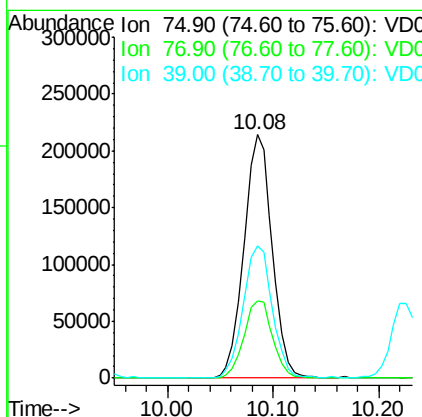
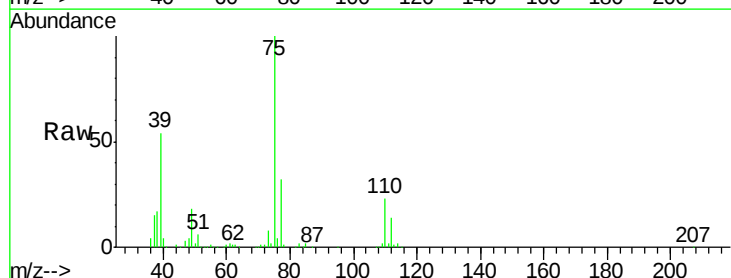
Manual Integrations
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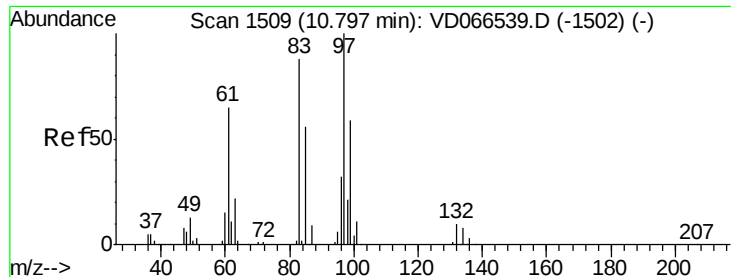
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#54
 cis-1,3-Dichloropropene
 Concen: 53.350 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 75 Resp: 397644
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 53.9 45.4 68.0





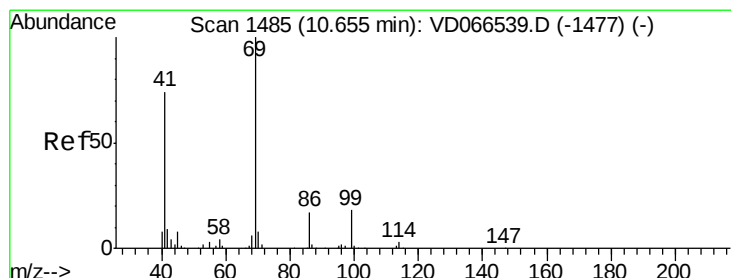
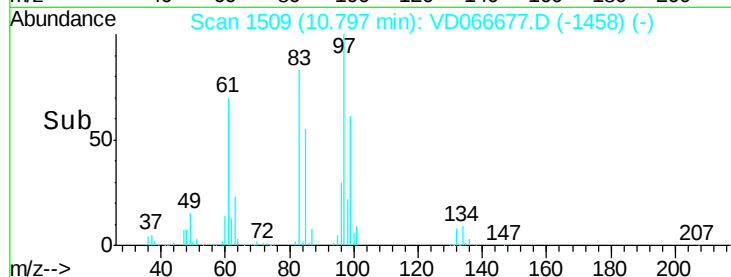
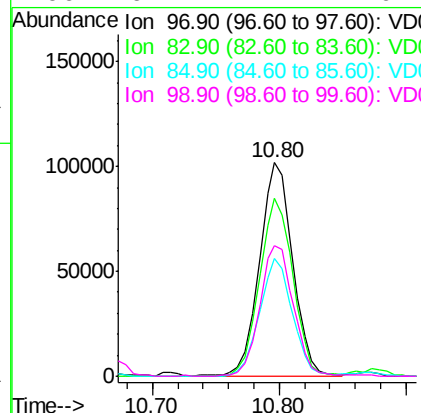
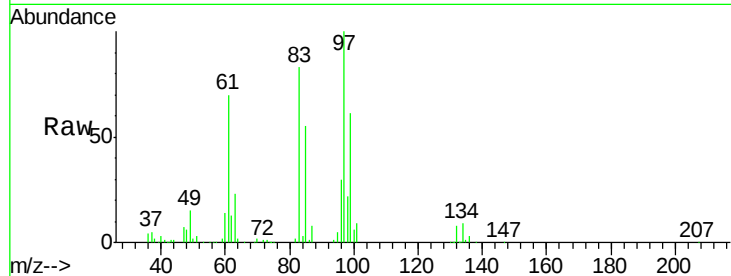
#55
 1,1,2-Trichloroethane
 Concen: 55.692 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	186081
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.1	105.1
85	54.9	44.5	66.7
99	61.1	47.1	70.7

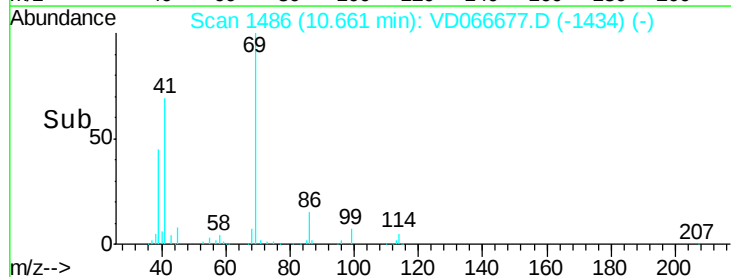
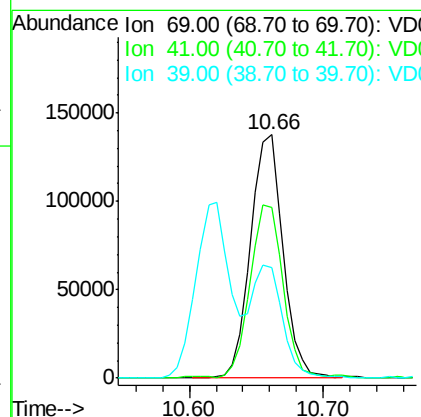
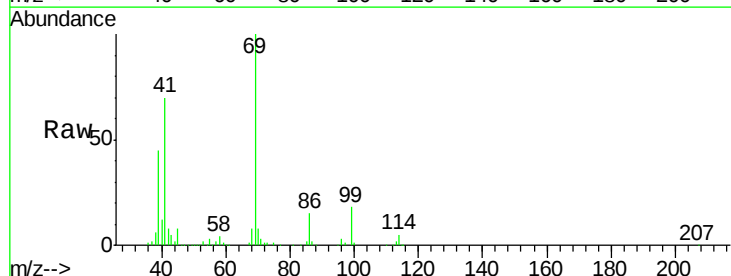
Manual Integrations
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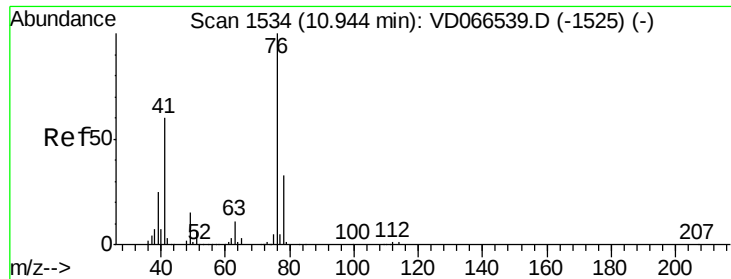
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#56
 Ethyl methacrylate
 Concen: 59.264 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion:	69	Resp:	230558
Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.8	85.2
39	45.6	30.6	46.0





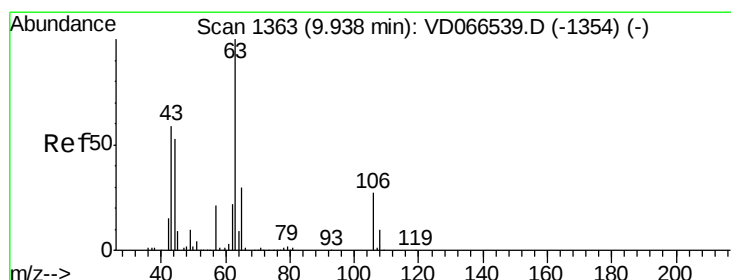
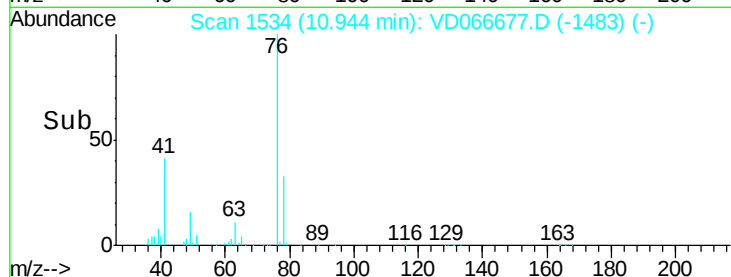
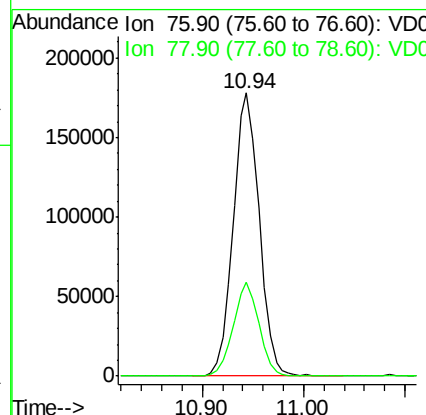
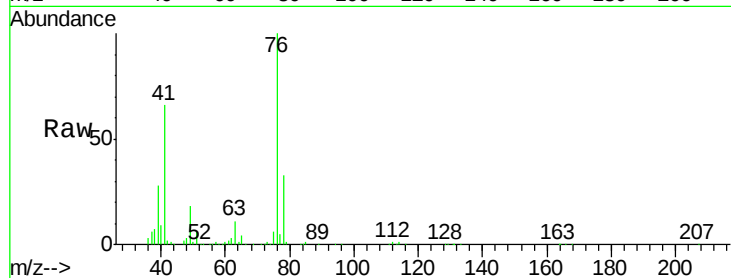
#57
 1,3-Dichloropropane
 Concen: 54.047 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 316307
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

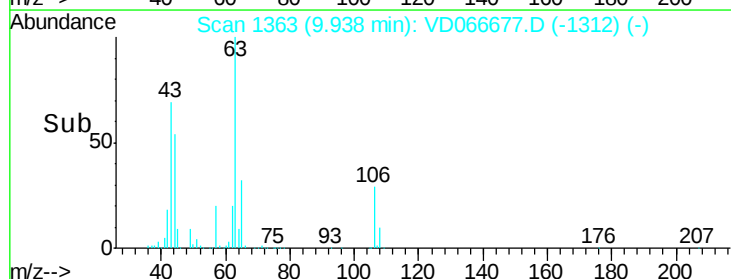
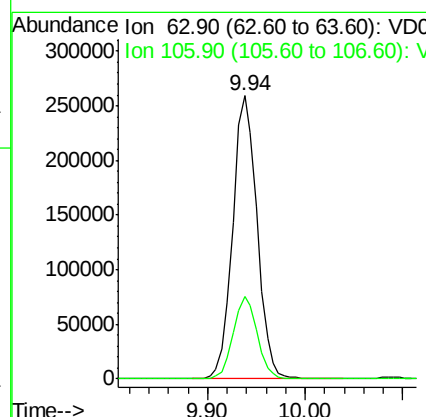
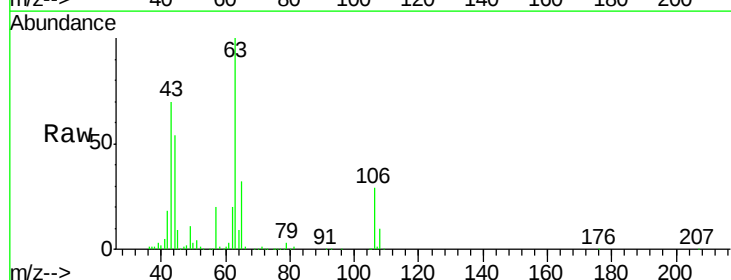
Manual Integrations
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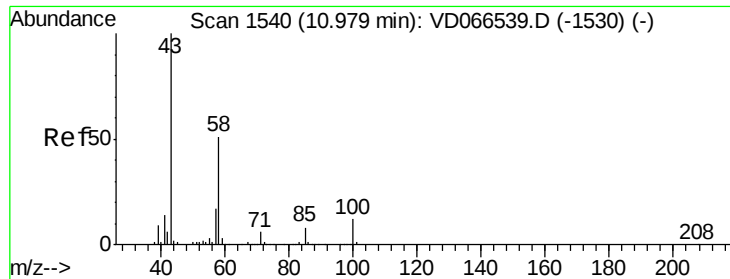
MMDadoda
 9/15/2020 2:27:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.653 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion: 63 Resp: 449580
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.0 33.0





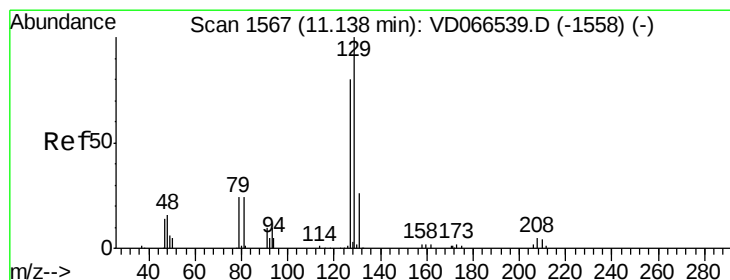
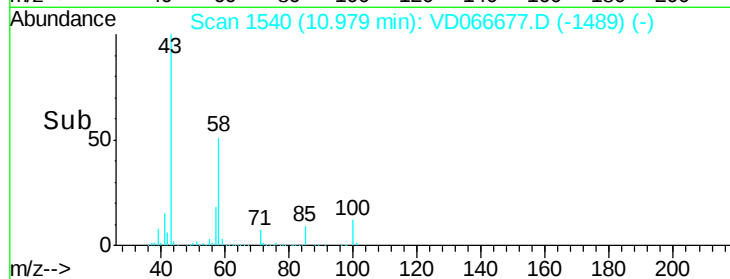
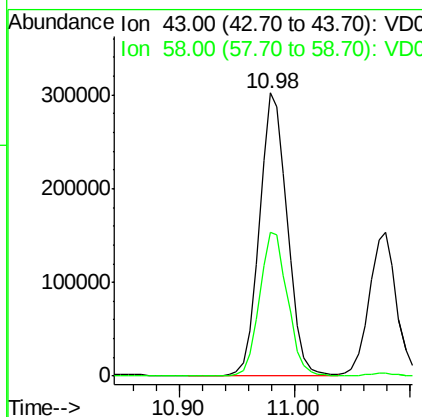
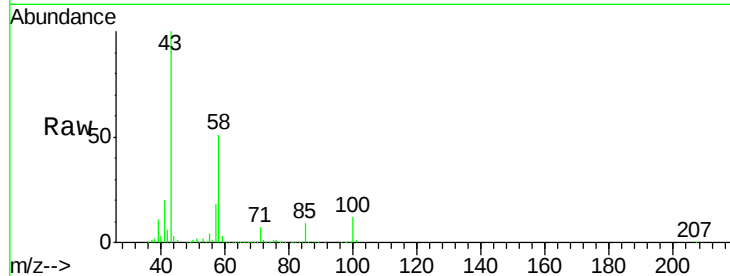
#59
2-Hexanone
Concen: 287.960 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	509668
Ion Ratio	43	100	
Lower	58	51.1	25.6
Upper			76.8

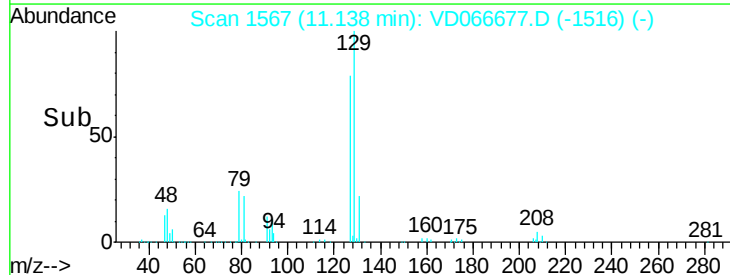
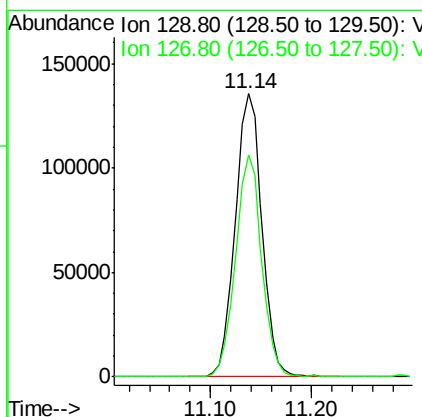
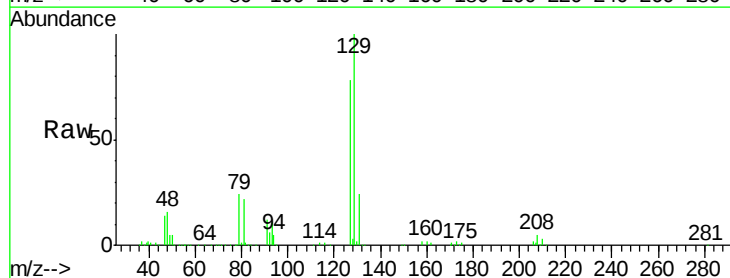
Manual Integrations
APPROVED

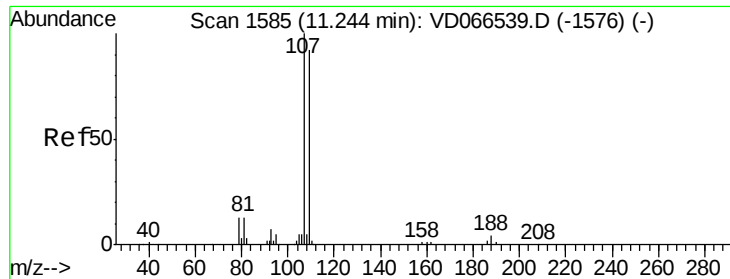
MMDadoda
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#60
Dibromochloromethane
Concen: 56.107 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	129	Resp	247901
Ion Ratio	129	100	
Lower	127	76.6	39.5
Upper			118.3





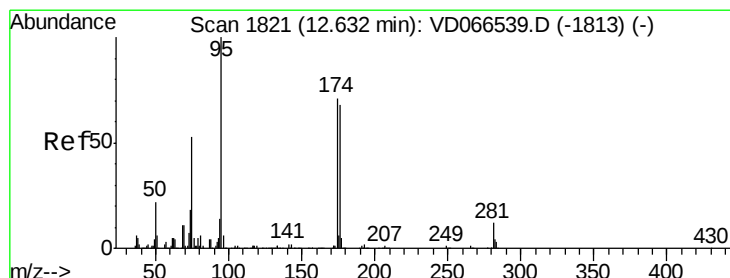
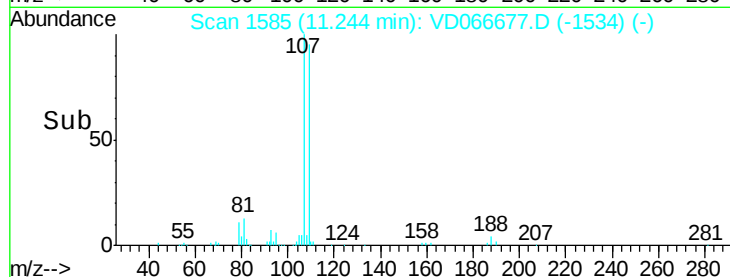
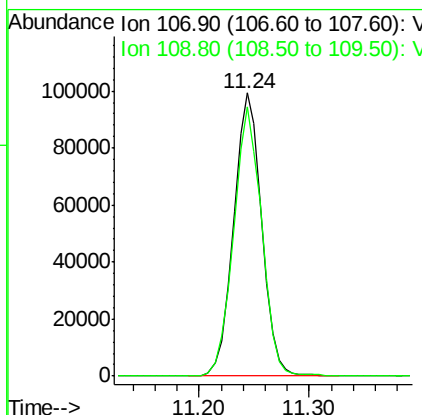
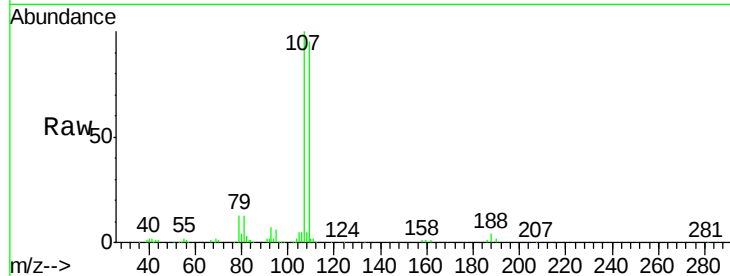
#61
 1,2-Dibromoethane
 Concen: 54.283 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.4	111.6

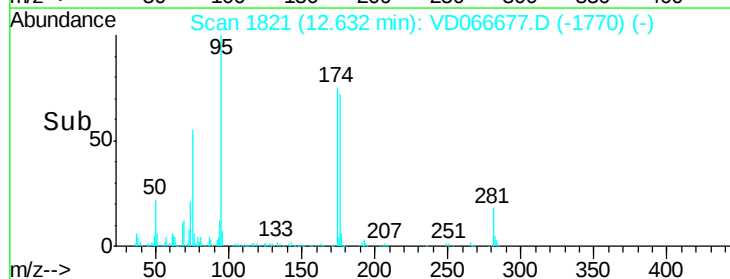
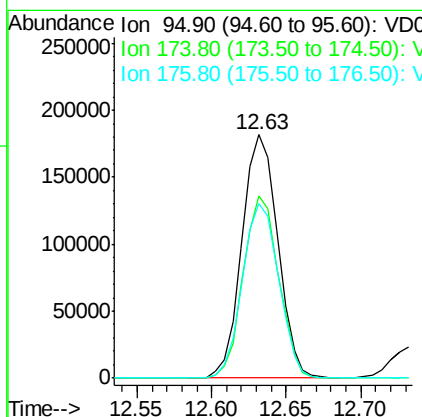
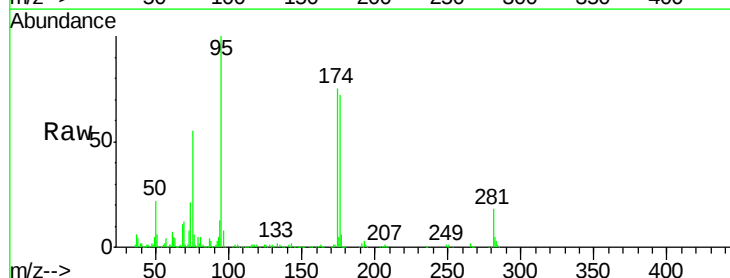
Manual Integrations
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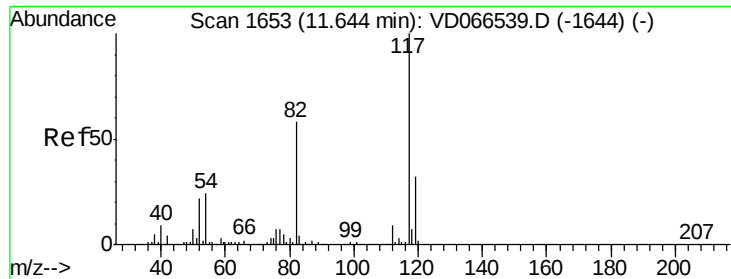
MMDadoda
 9/15/2020 2:27:55 PM



#62
 4-Bromofluorobenzene
 Concen: 57.320 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	155.8
176	72.9	0.0	148.6





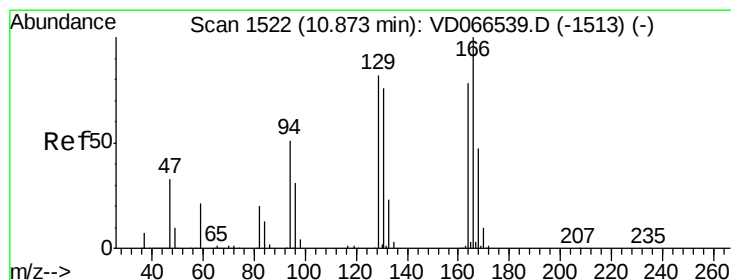
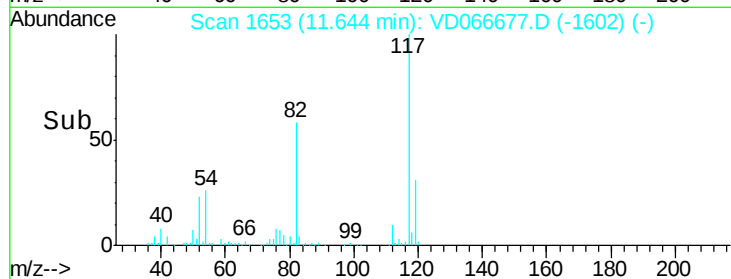
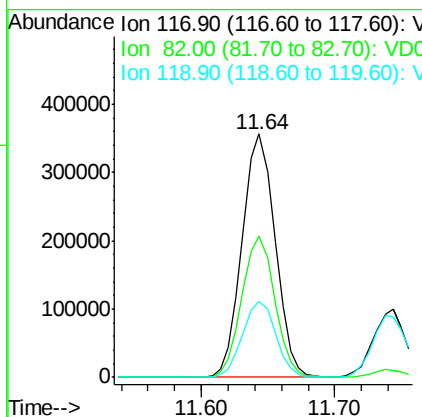
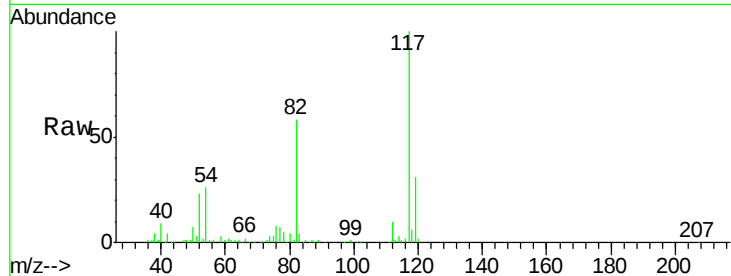
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.2	69.2
119	31.1	25.8	38.8

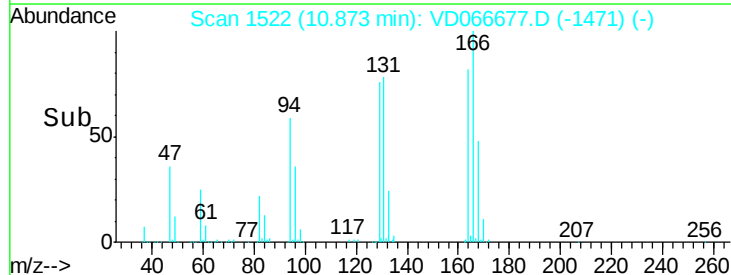
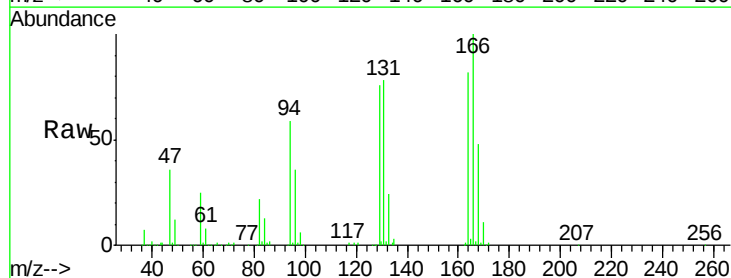
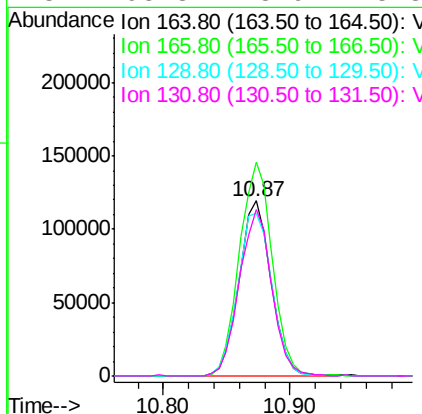
Manual Integrations
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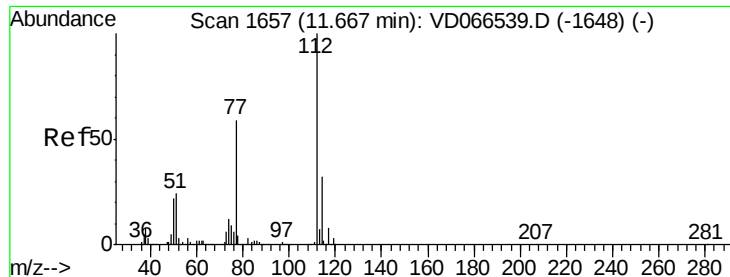
MMDadoda
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#64
Tetrachloroethene
Concen: 50.792 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	103.2	154.8
129	93.0	84.5	126.7
131	95.3	78.9	118.3





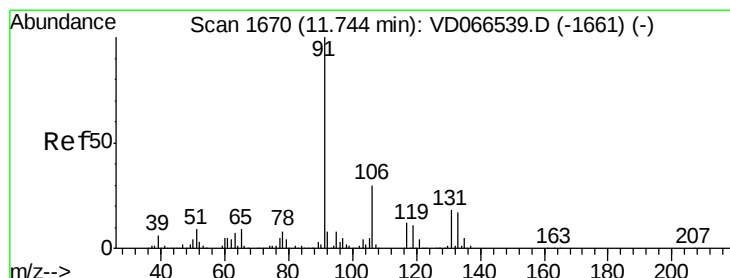
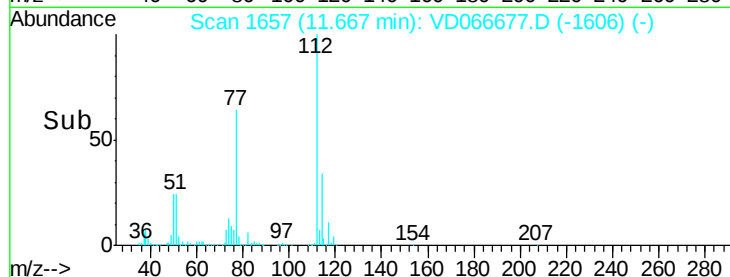
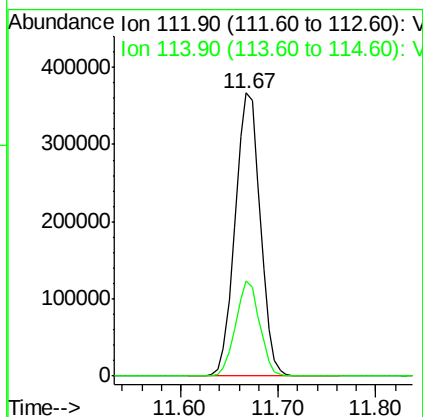
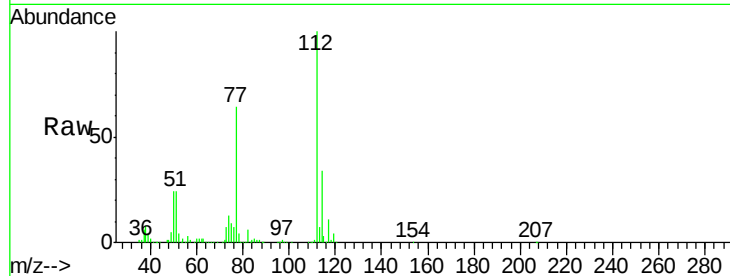
#65
Chlorobenzene
Concen: 51.884 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.7	38.5

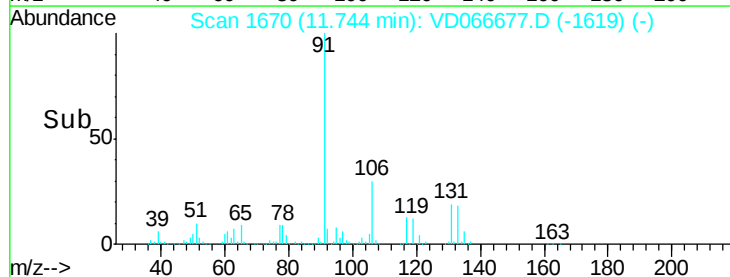
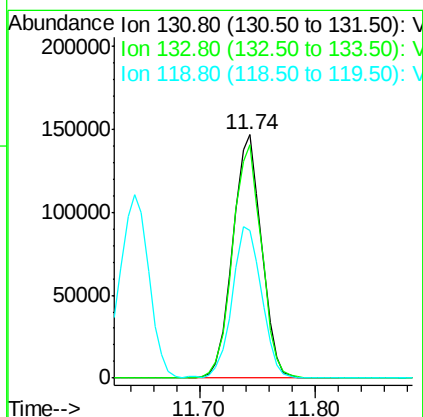
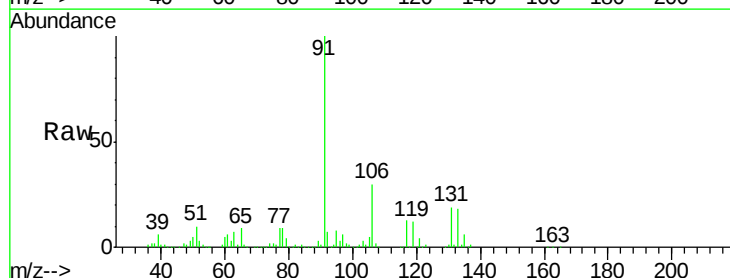
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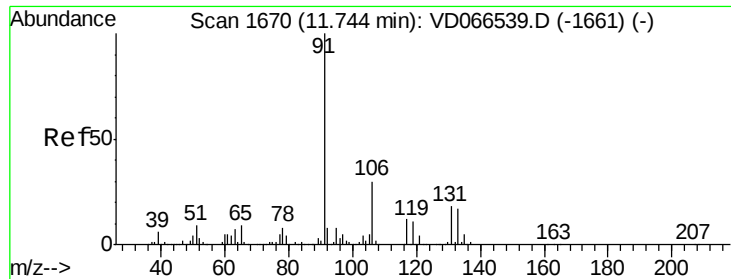
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.671 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	46.7	140.0
119	63.4	31.9	95.7





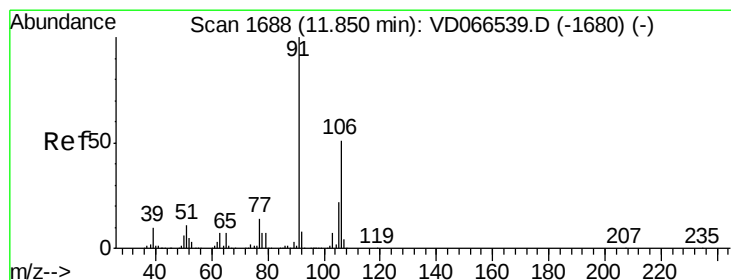
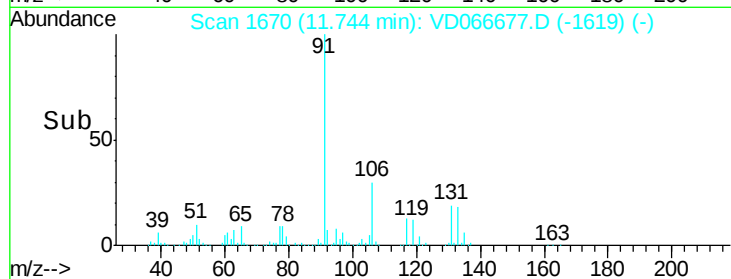
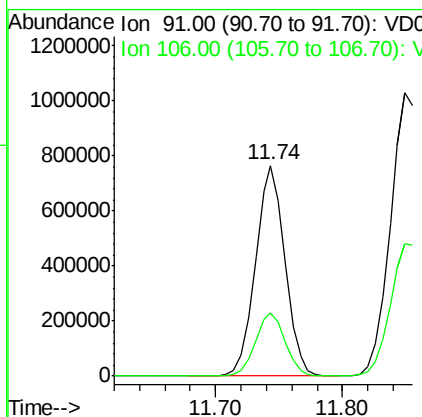
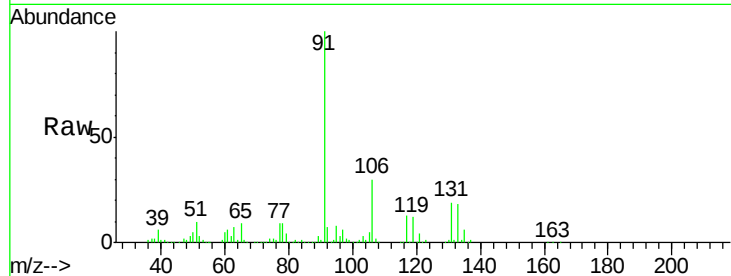
#67
Ethyl Benzene
Concen: 53.302 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1238220
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

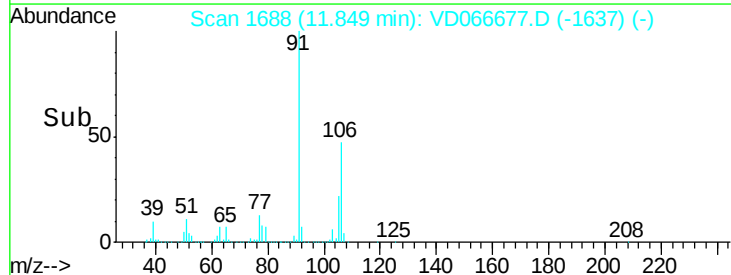
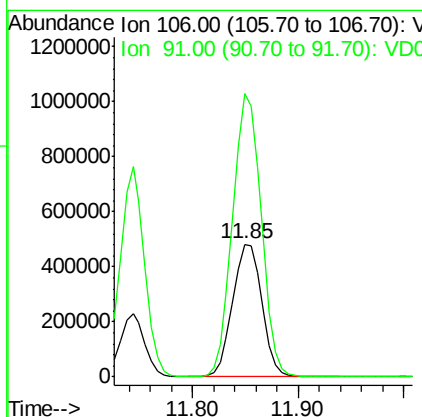
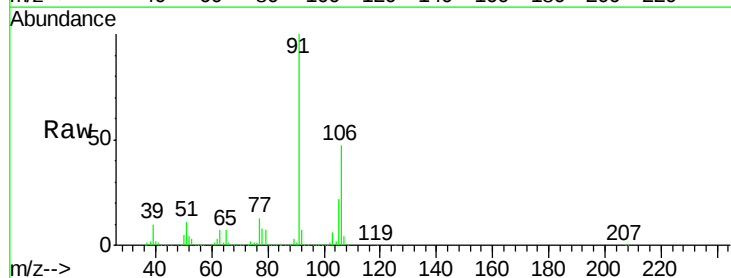
Manual Integrations
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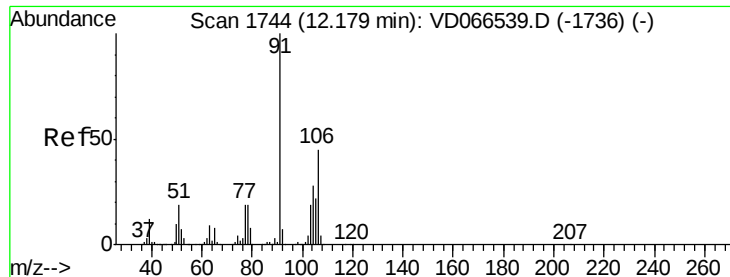
MMDadoda
9/15/2020 2:27:55 PM



#68
m/p-Xylenes
Concen: 106.707 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 106 Resp: 920407
Ion Ratio Lower Upper
106 100
91 209.1 162.4 243.6





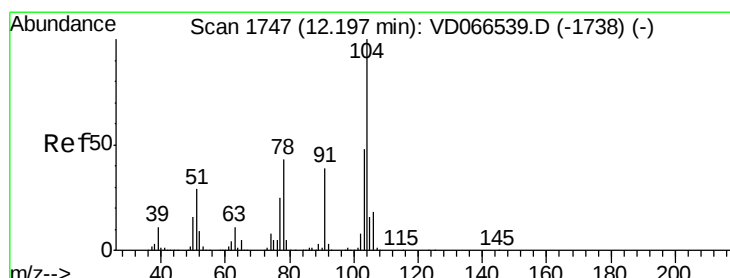
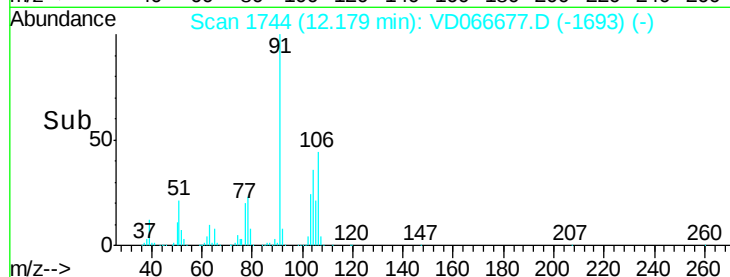
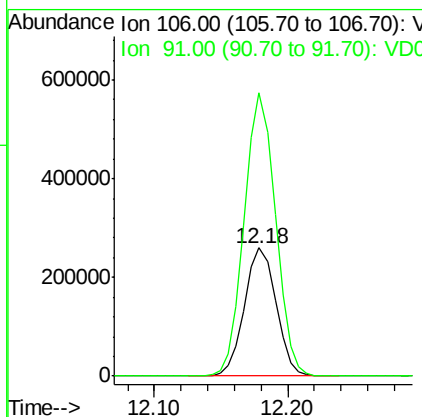
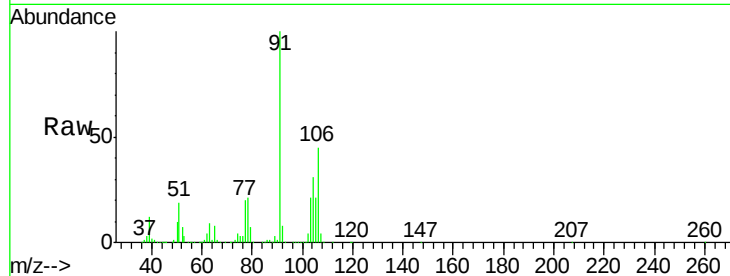
#69
o-Xylene
Concen: 55.032 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 425402
Ion Ratio Lower Upper
106 100
91 219.0 107.9 323.8

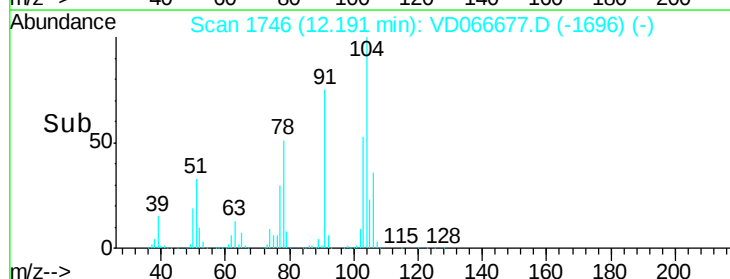
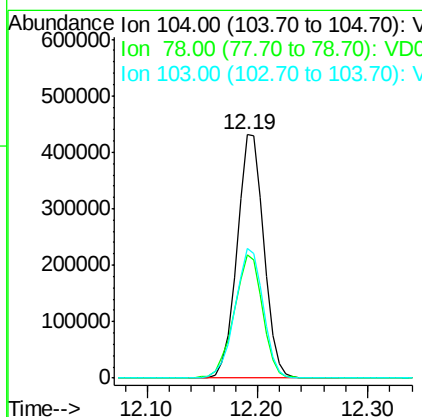
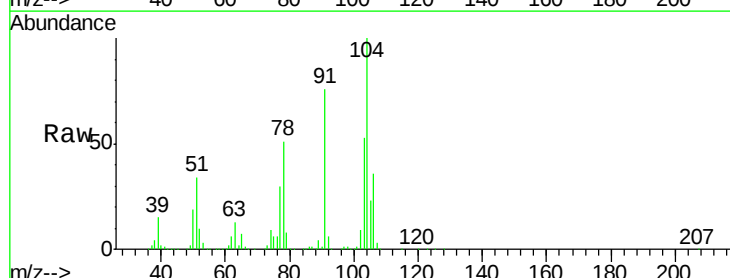
Manual Integrations
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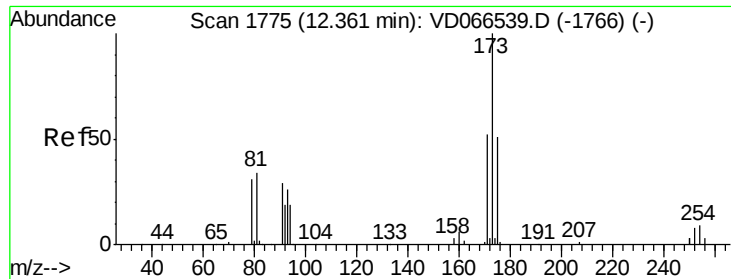
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#70
Styrene
Concen: 54.696 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion:104 Resp: 735057
Ion Ratio Lower Upper
104 100
78 54.0 40.7 61.1
103 55.9 42.9 64.3





#71

Bromoform

Concen: 55.121 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

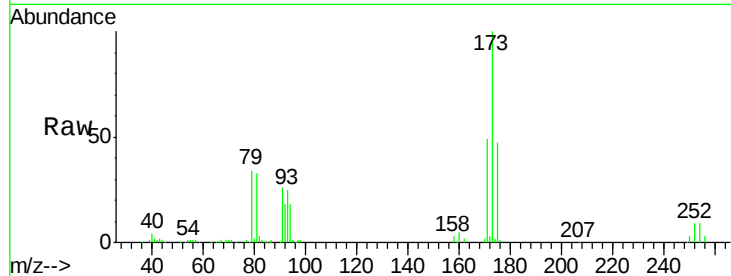
ClientSampleId :

VSTDCCC050EC

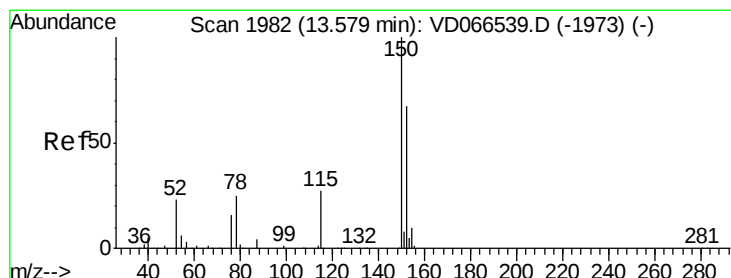
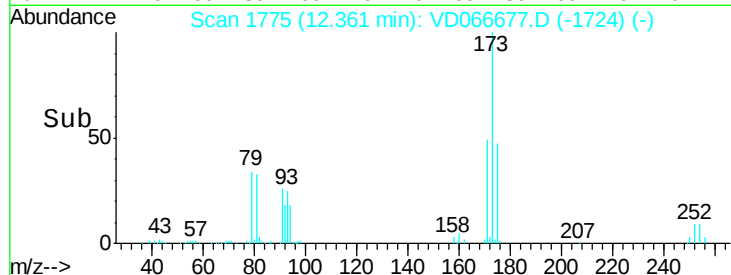
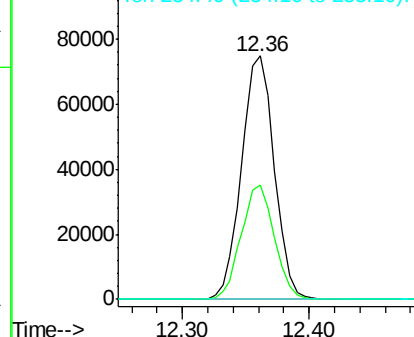
Tot Ion:	173	Resp:	134131
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.2	72.6
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

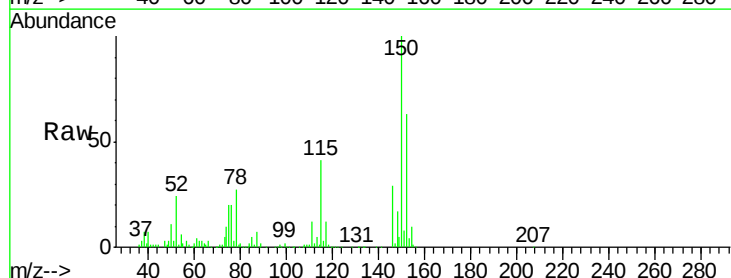
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

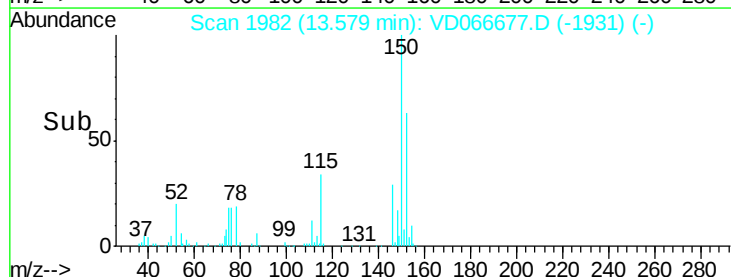
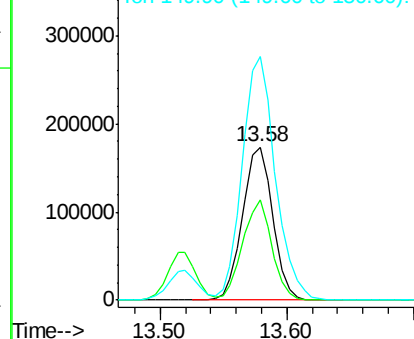
Lab File: VD066677.D

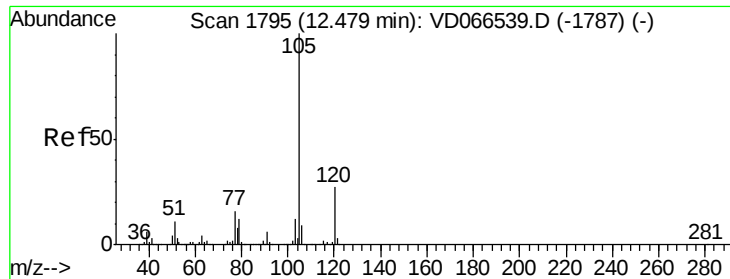
Acq: 14 Sep 2020 16:59

Tgt Ion:	152	Resp:	286630
Ion Ratio	Lower	Upper	
152	100		
115	63.0	30.4	91.2
150	174.3	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





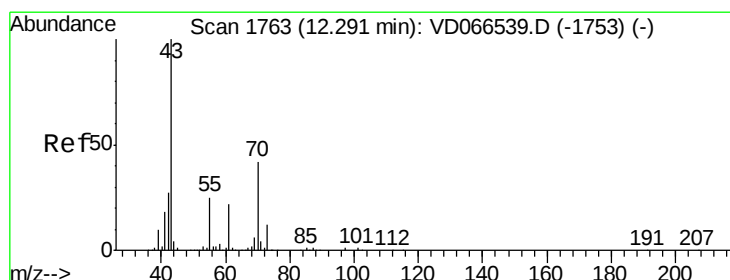
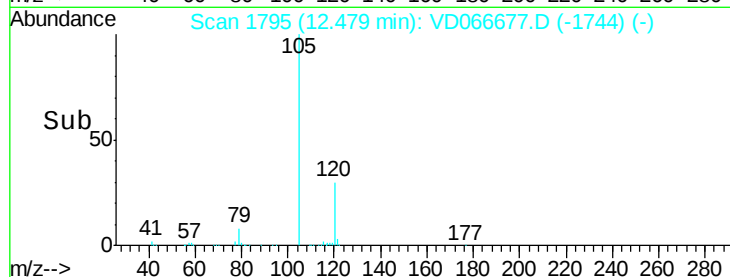
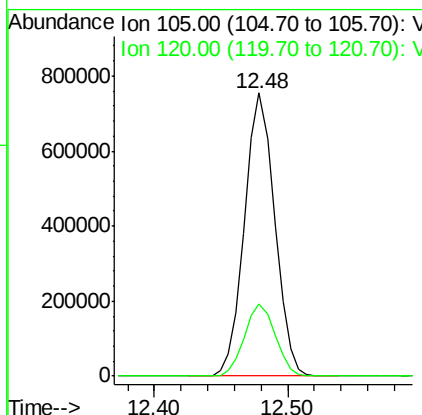
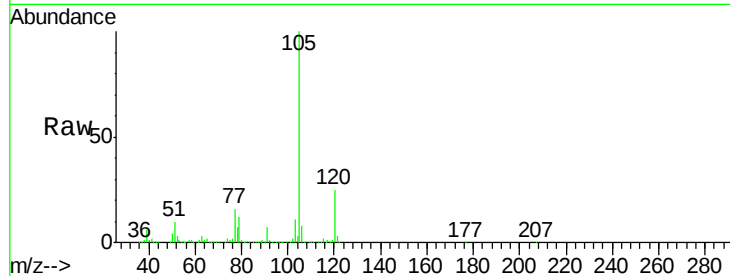
#73
Isopropylbenzene
Concen: 55.589 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 1179701
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

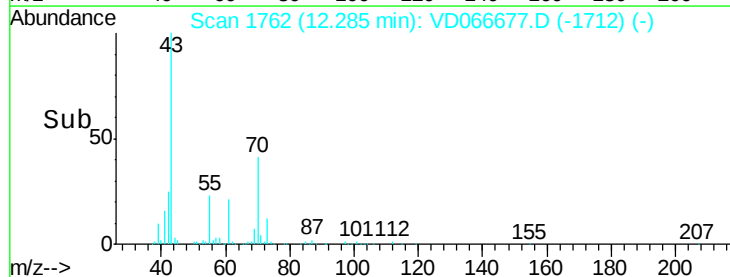
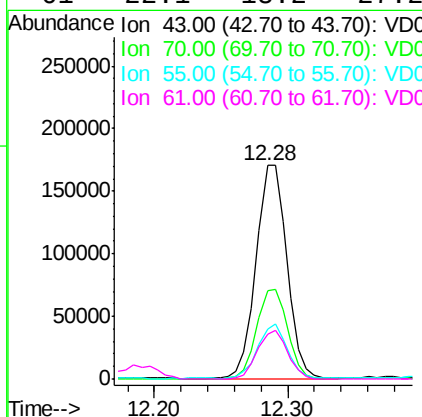
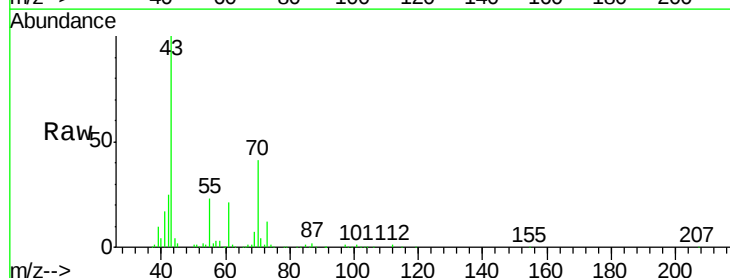
Manual Integrations
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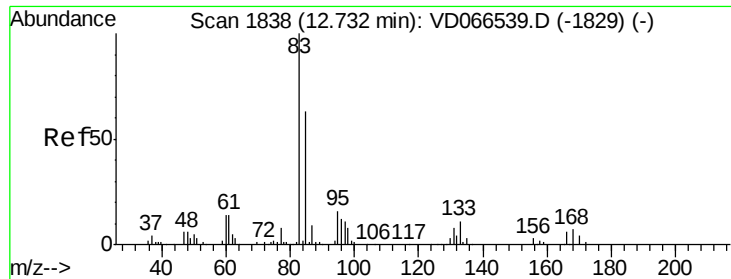
MMDadoda
9/15/2020 2:27:55 PM



#74
N-ethyl acetate
Concen: 56.649 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion: 43 Resp: 272281
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.2
55 25.1 20.1 30.1
61 22.1 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.402 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

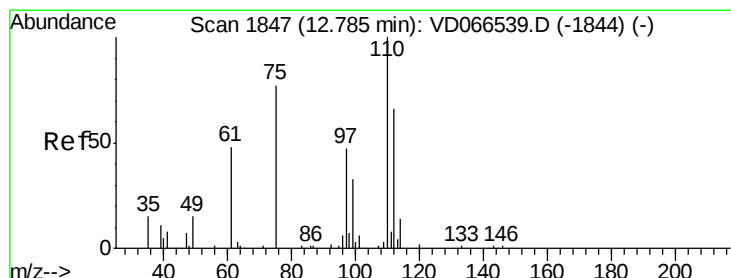
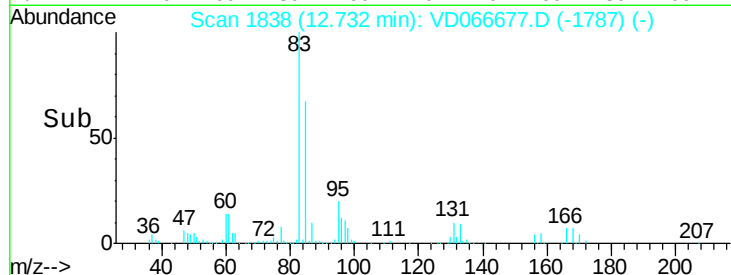
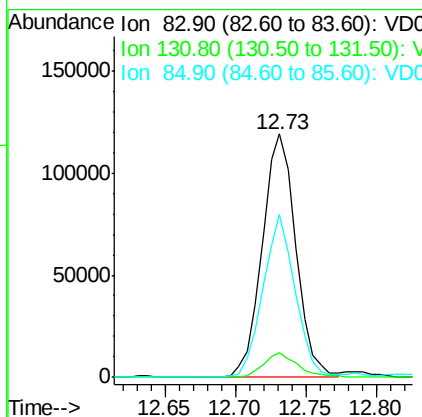
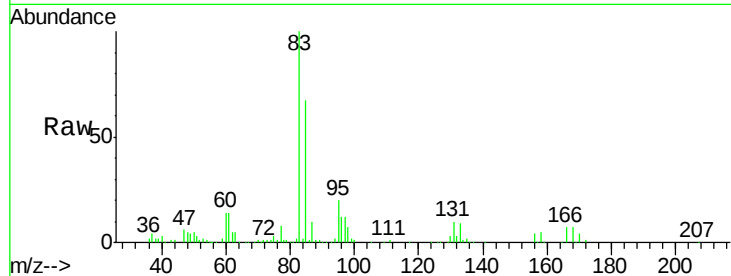
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	200215
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	63.6	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 56.038 ug/l m

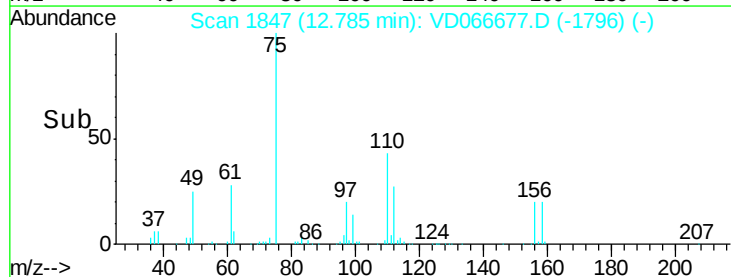
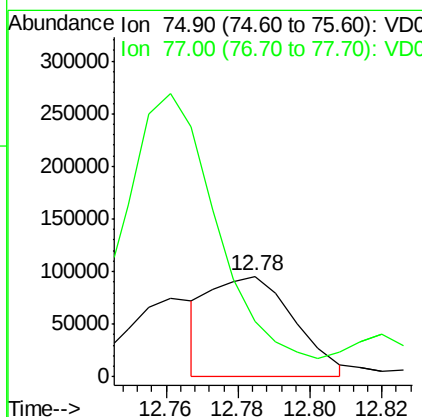
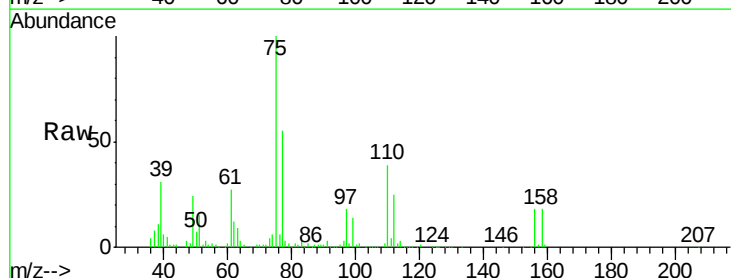
RT: 12.78 min Scan# 1847

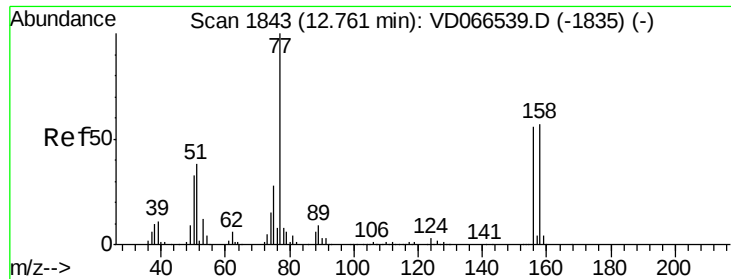
Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion:	75	Resp:	154474
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





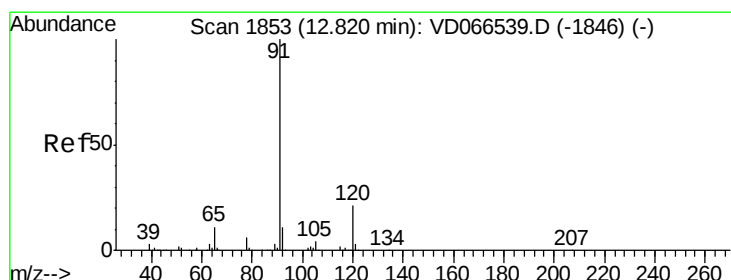
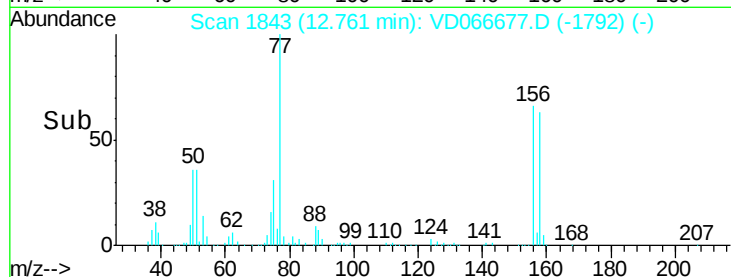
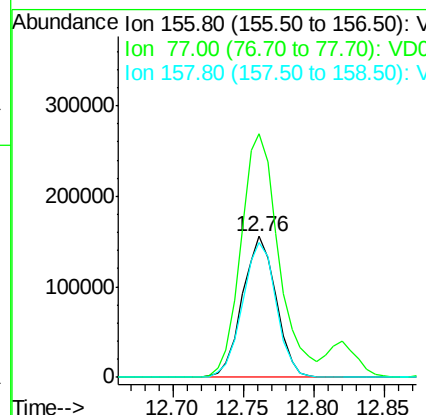
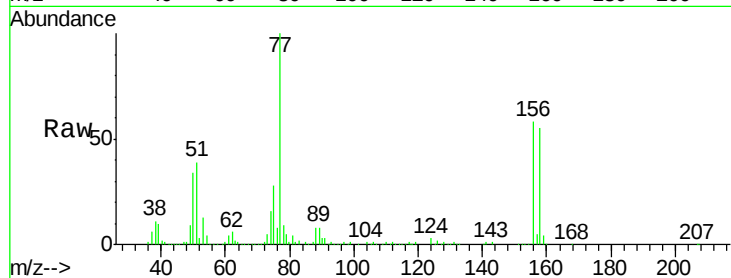
#77
Bromobenzene
Concen: 54.762 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.4	98.0	294.1
158	96.1	48.1	144.3

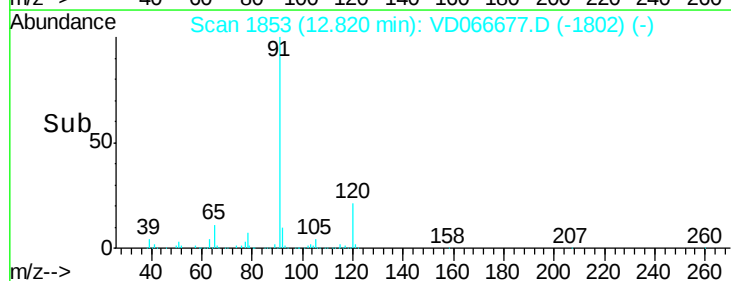
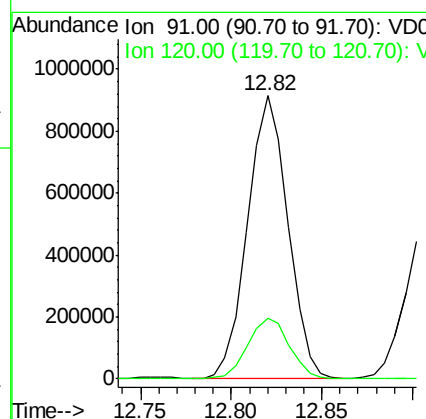
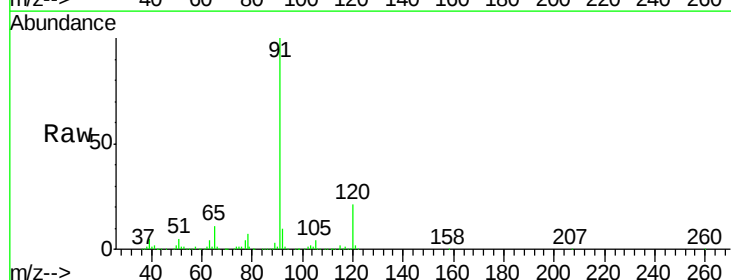
Manual Integrations
APPROVED

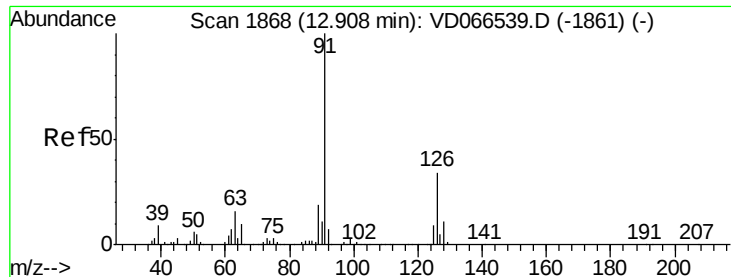
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#78
n-propylbenzene
Concen: 54.850 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79

2-Chlorotoluene

Concen: 55.595 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 802361

Ion Ratio Lower Upper

91 100

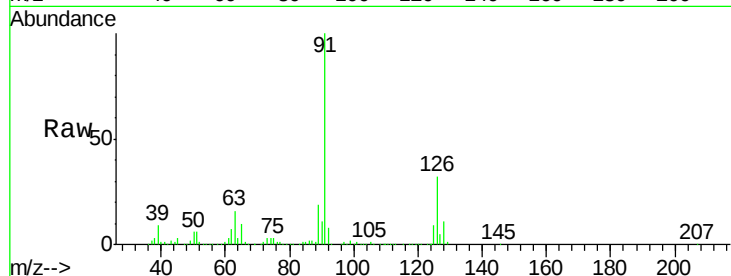
126 32.8 16.4 49.4

Manual Integrations

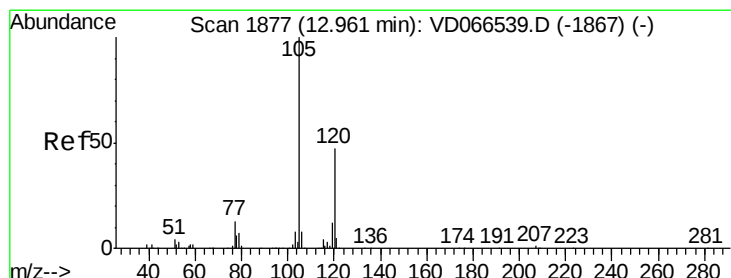
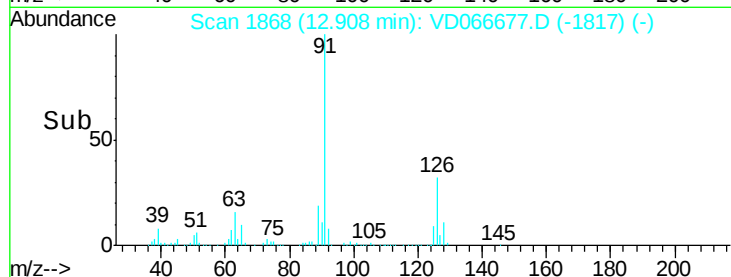
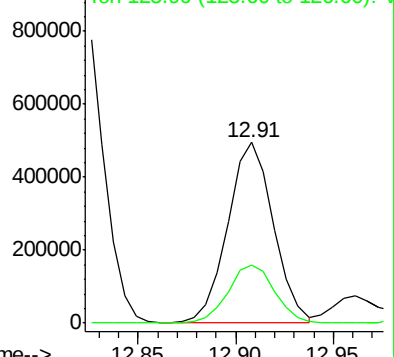
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Abundance Ion 91.00 (90.70 to 91.70): VD066677.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.823 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066677.D

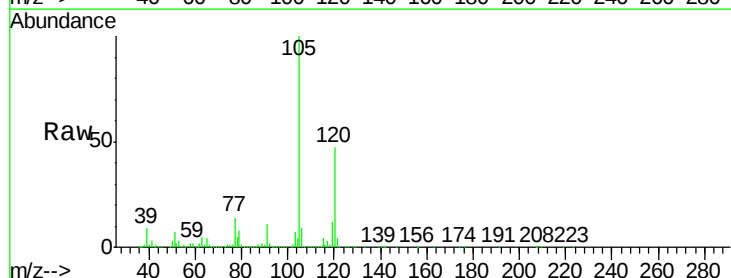
Acq: 14 Sep 2020 16:59

Tgt Ion: 105 Resp: 1014955

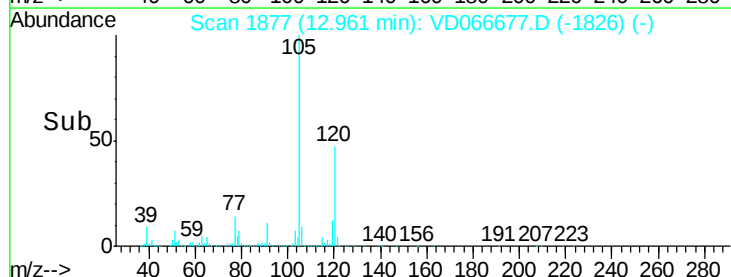
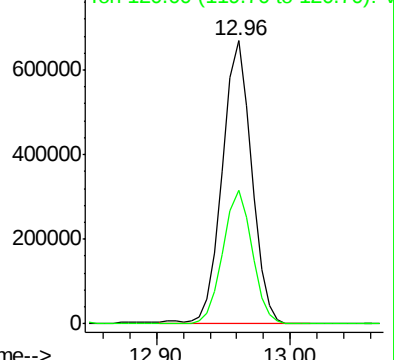
Ion Ratio Lower Upper

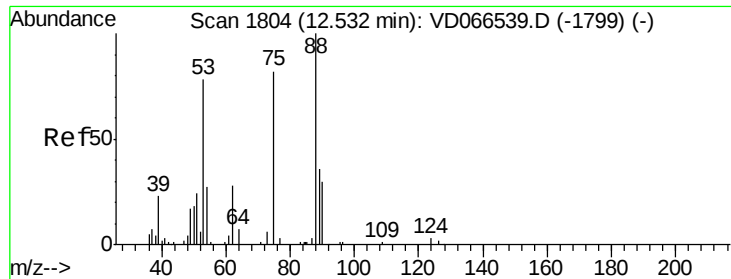
105 100

120 47.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VD066677.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.385 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

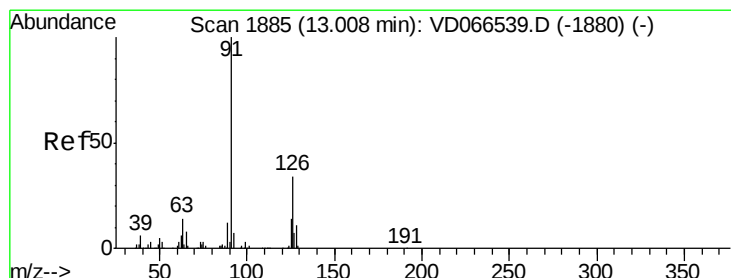
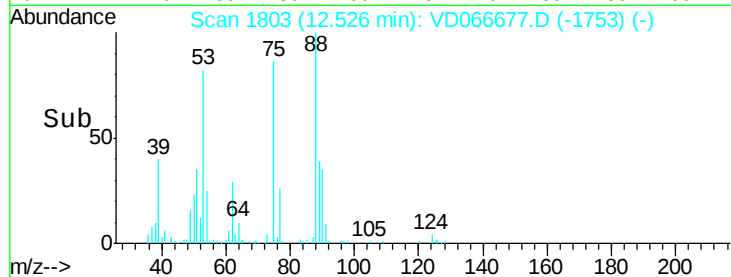
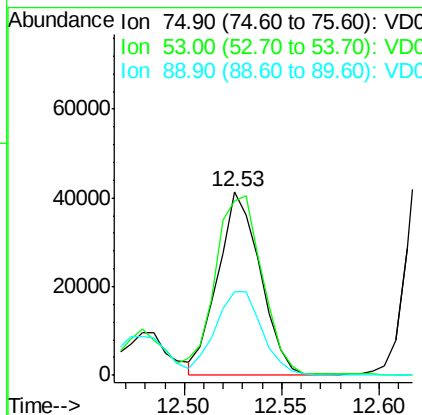
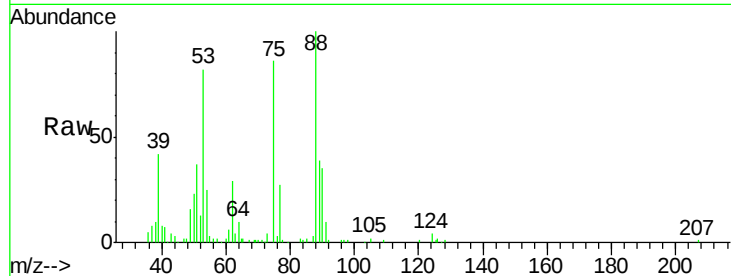
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	61853
Ion	Ratio	Lower	Upper
75	100		
53	109.3	87.0	130.4
89	50.6	37.1	55.7

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#82

4-Chlorotoluene

Concen: 54.685 ug/l

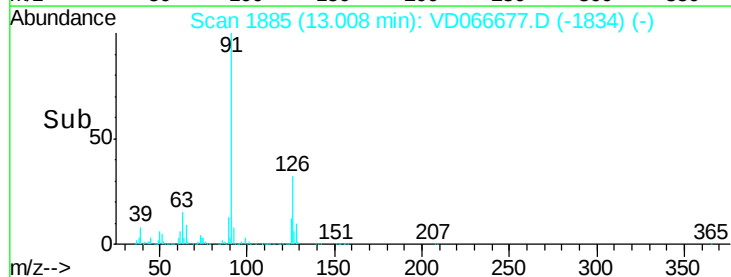
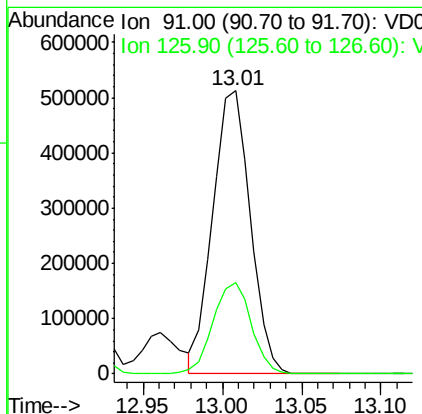
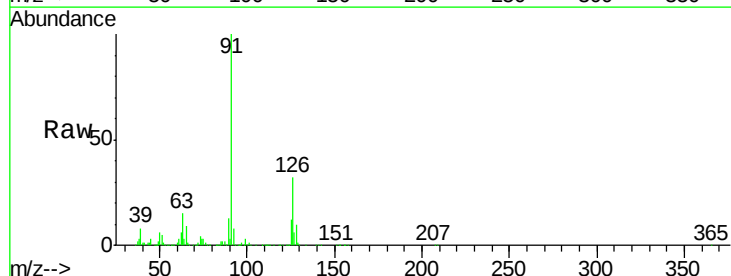
RT: 13.01 min Scan# 1885

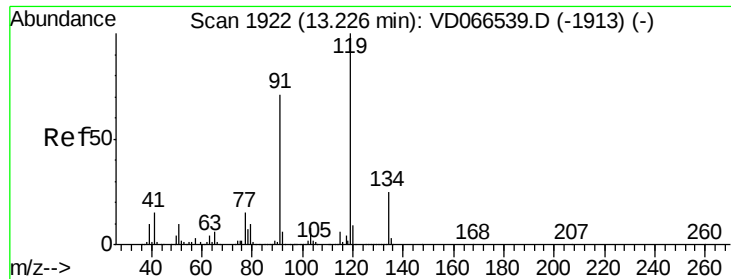
Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion:	91	Resp:	843970
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.1





#83

tert-Butylbenzene

Concen: 57.421 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Instrument :

MSVOA_D

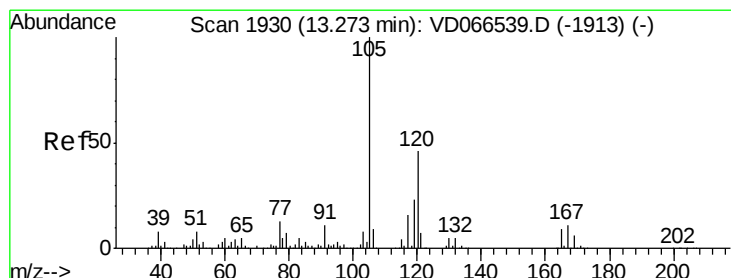
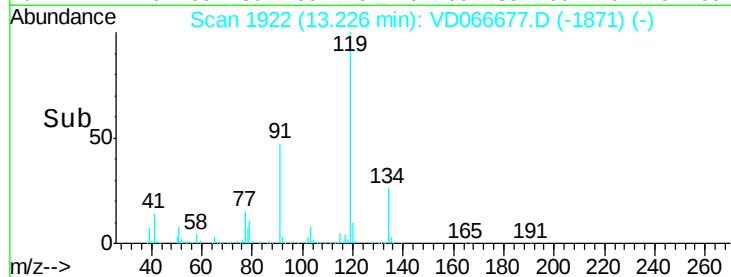
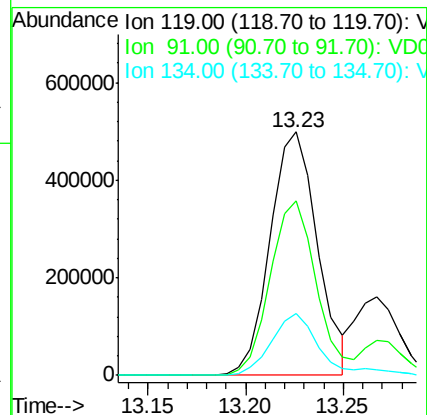
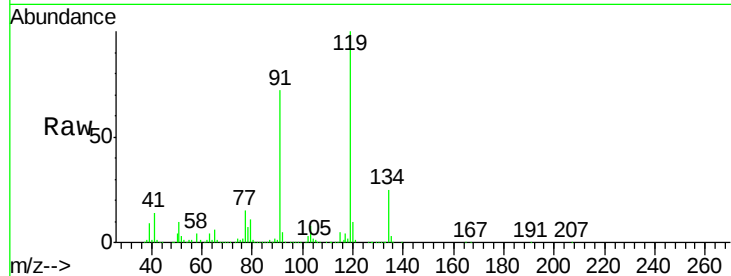
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	837549
Ion Ratio	Lower	Upper	
119	100		
91	70.4	35.2	105.6
134	26.3	13.5	40.5

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#84

1,2,4-Trimethylbenzene

Concen: 57.665 ug/l

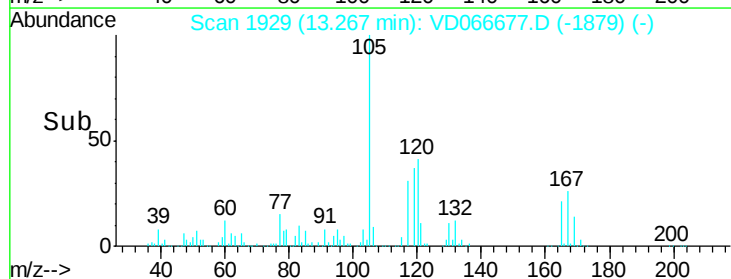
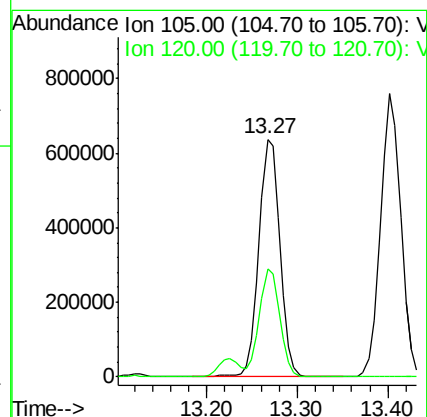
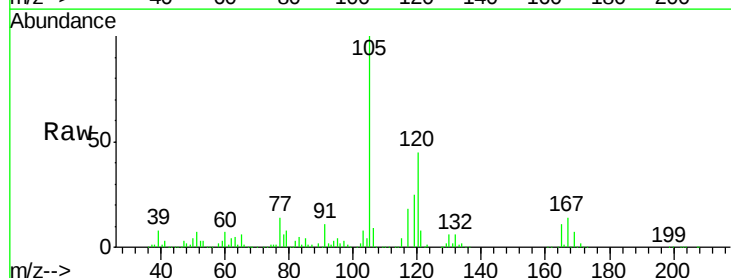
RT: 13.27 min Scan# 1929

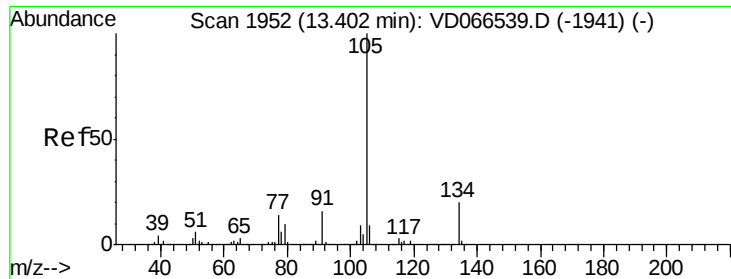
Delta R.T. -0.01 min

Lab File: VD066677.D

Acq: 14 Sep 2020 16:59

Tgt Ion:	105	Resp:	1025485
Ion Ratio	Lower	Upper	
105	100		
120	44.1	22.6	67.7





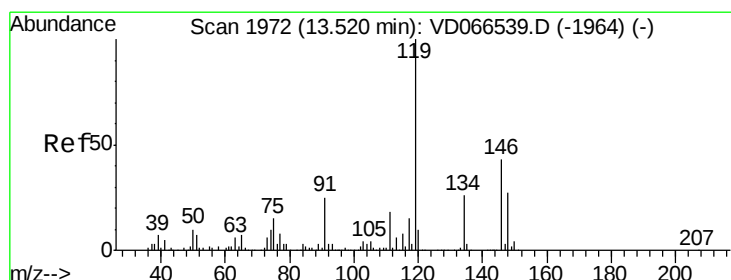
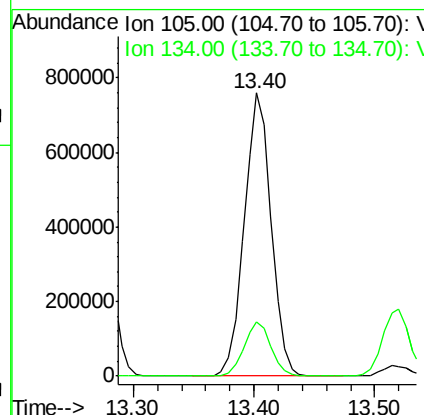
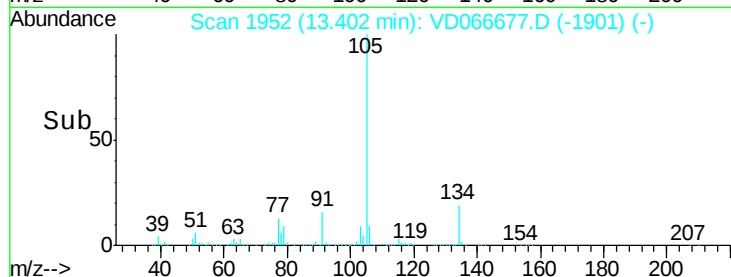
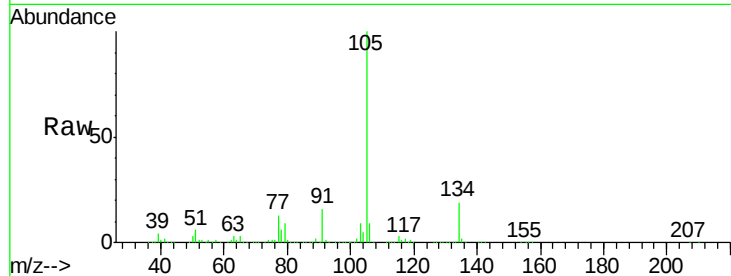
#85
 sec-Butylbenzene
 Concen: 55.932 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1175395
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.5

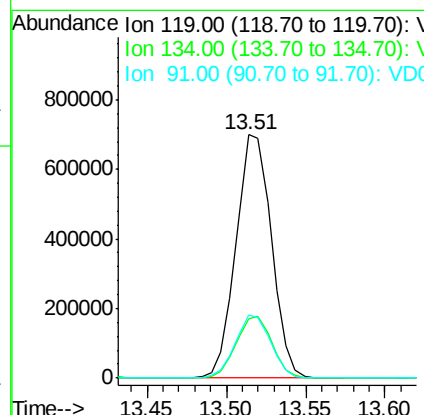
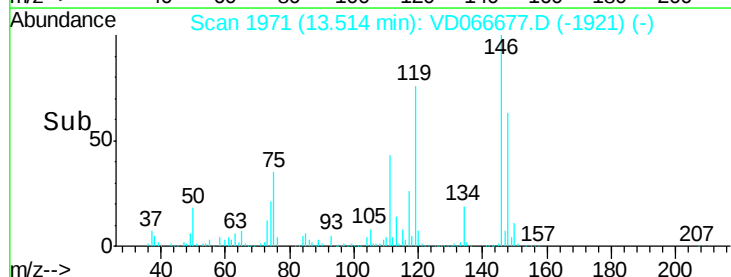
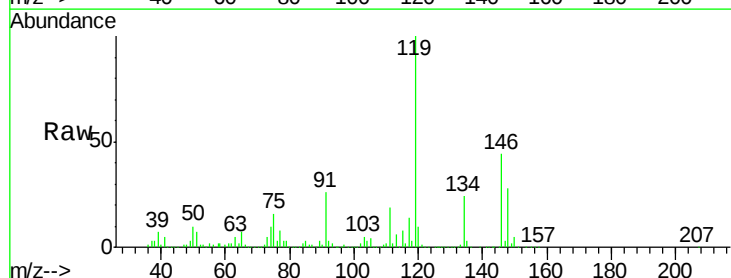
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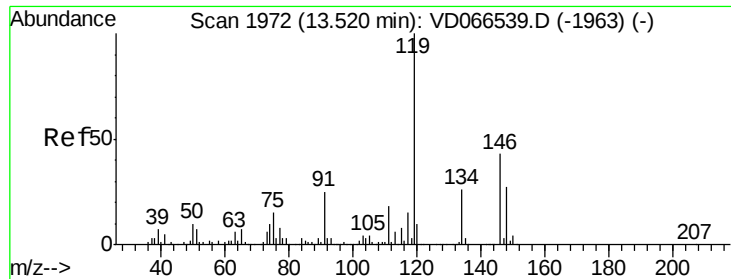
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#86
 p-Isopropyltoluene
 Concen: 57.398 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion:119 Resp: 1085655
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 25.7 12.5 37.5





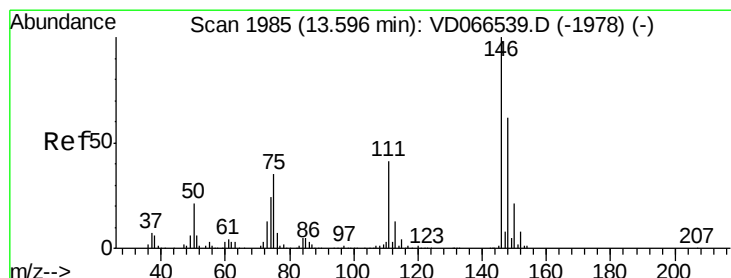
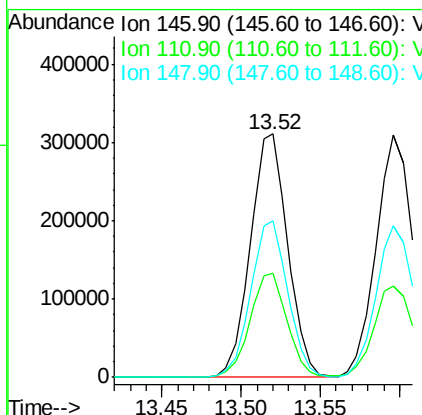
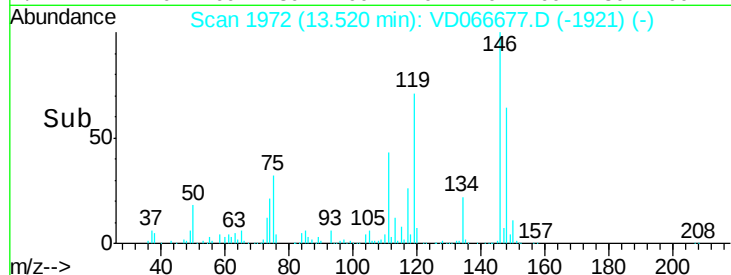
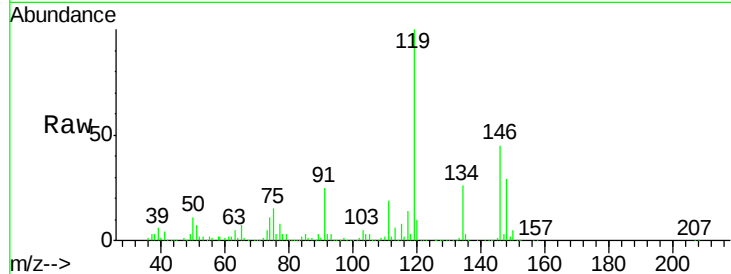
#87
 1,3-Dichlorobenzene
 Concen: 54.249 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	509547		
111	42.5	20.6	61.9	
148	63.9	32.1	96.3	

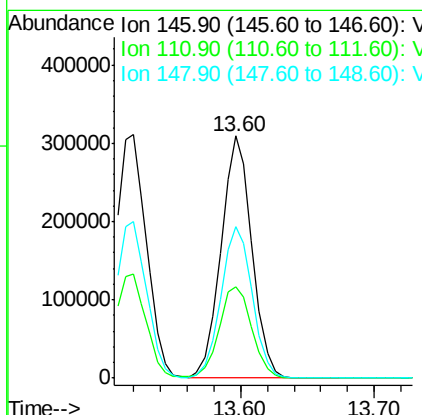
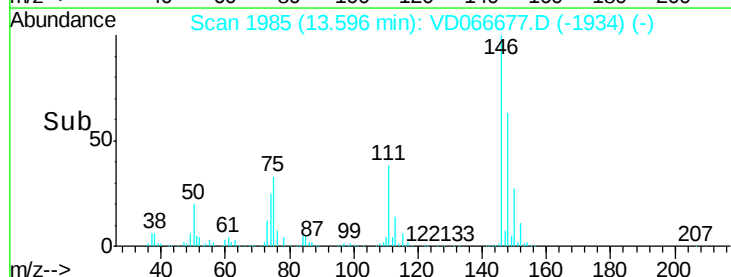
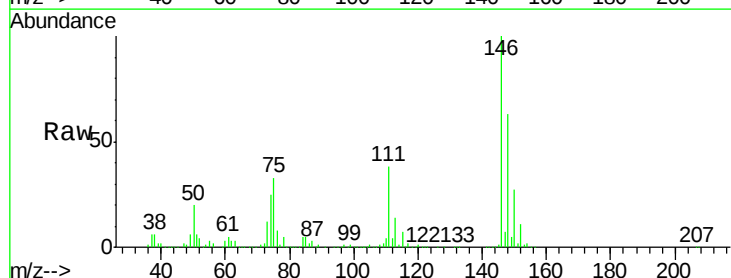
Manual Integrations
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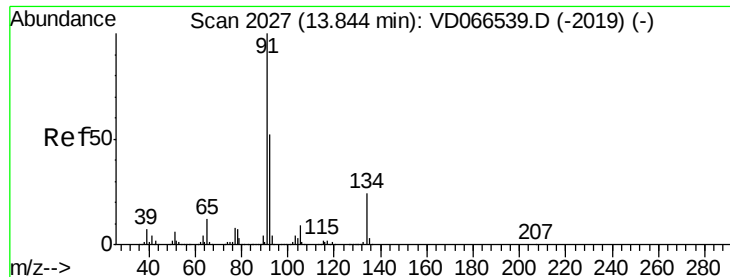
MMDadoda
 9/15/2020 2:27:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.983 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	499495		
111	40.4	20.1	60.2	
148	63.4	31.6	94.8	





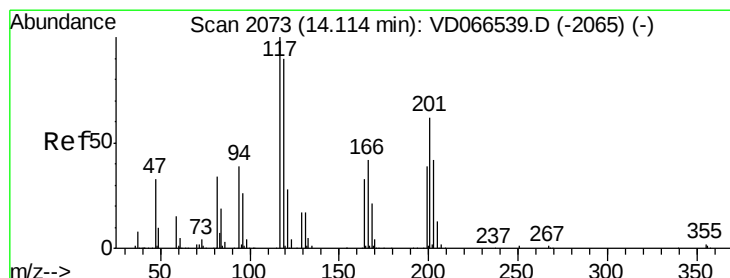
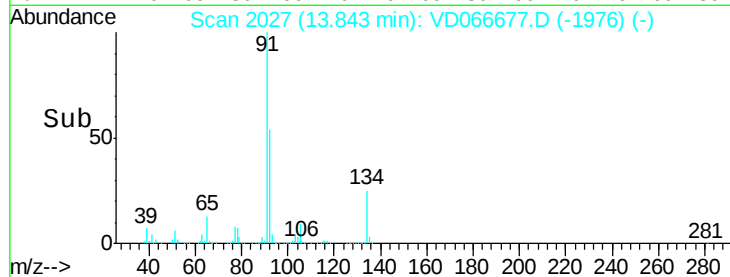
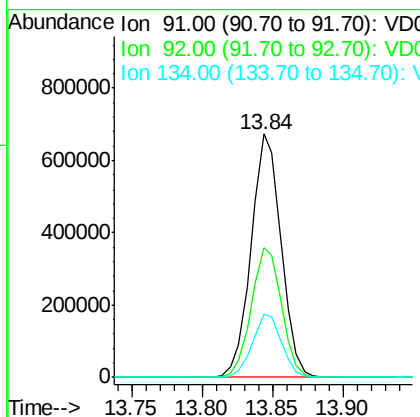
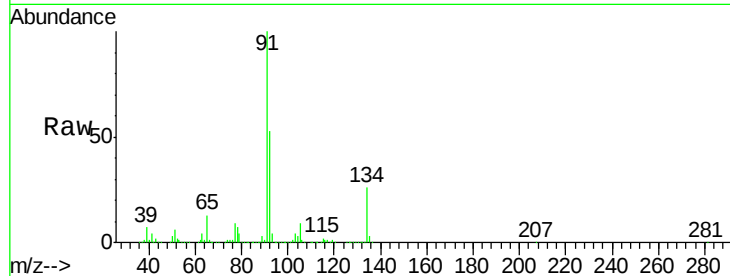
#89
n-Butylbenzene
Concen: 54.399 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.5	79.5
134	25.4	12.1	36.3

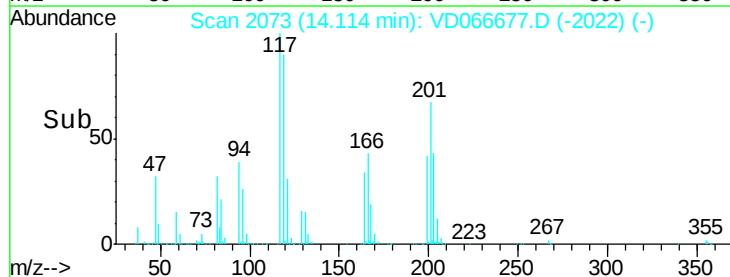
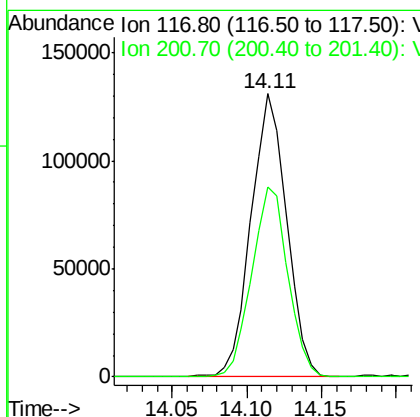
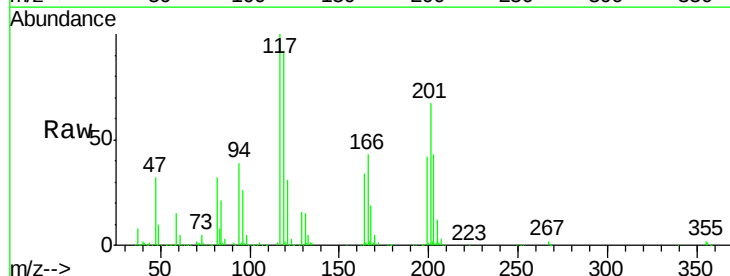
Manual Integrations
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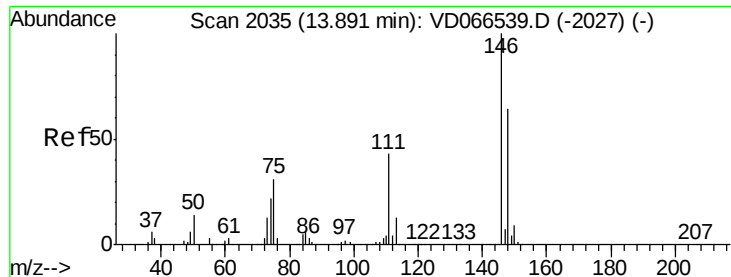
MMDadoda
9/15/2020 2:27:55 PM



#90
Hexachloroethane
Concen: 52.606 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.4	31.9	95.5





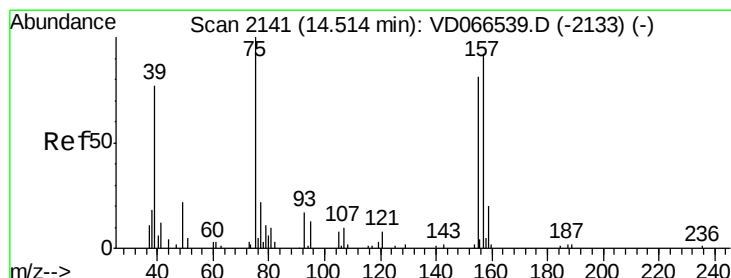
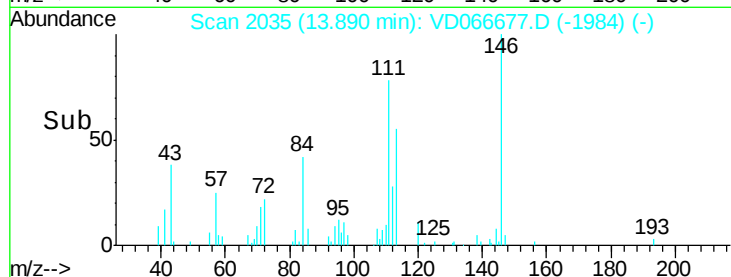
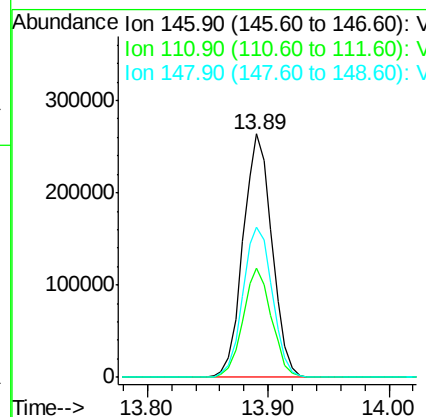
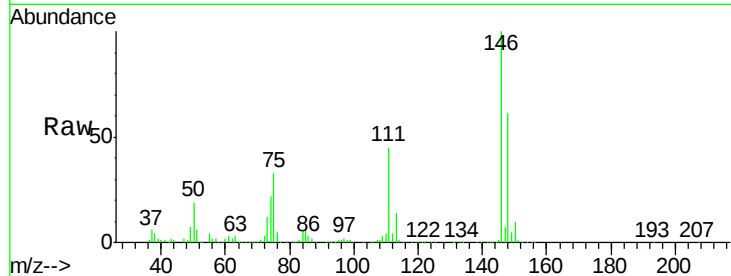
#91
 1,2-Dichlorobenzene
 Concen: 53.544 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.4
148	63.0	31.8	95.3

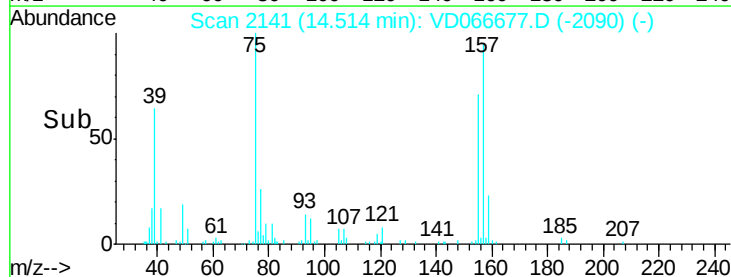
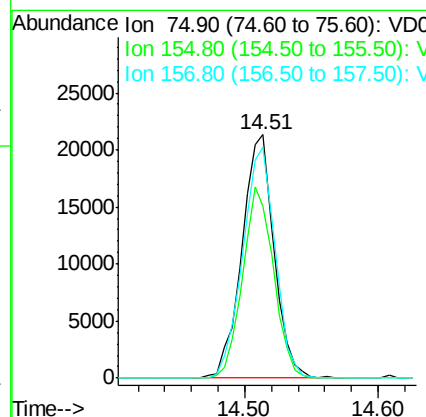
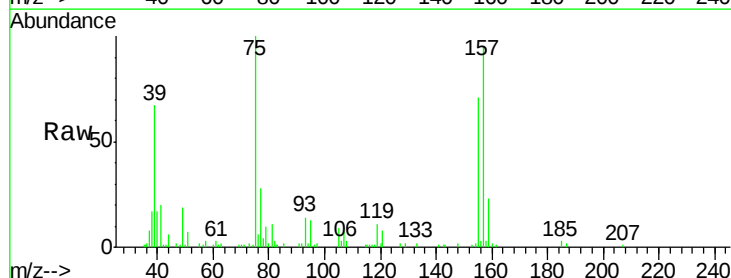
Manual Integrations
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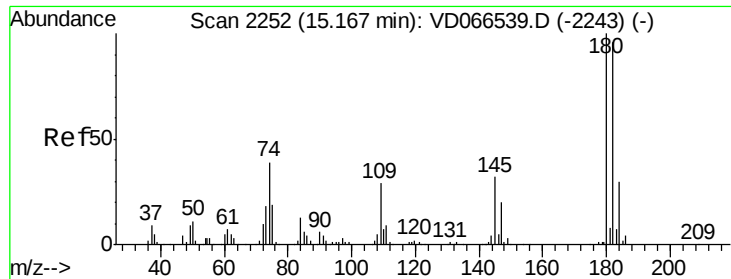
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.579 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	39.3	117.8
157	95.8	46.0	137.8





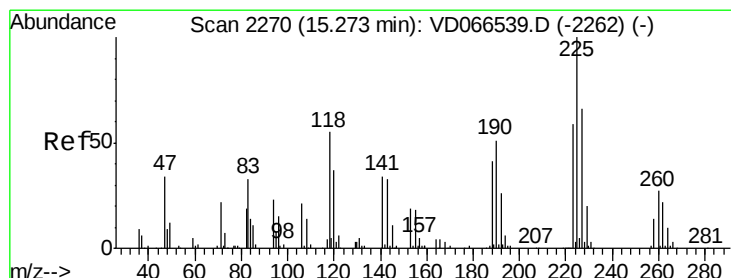
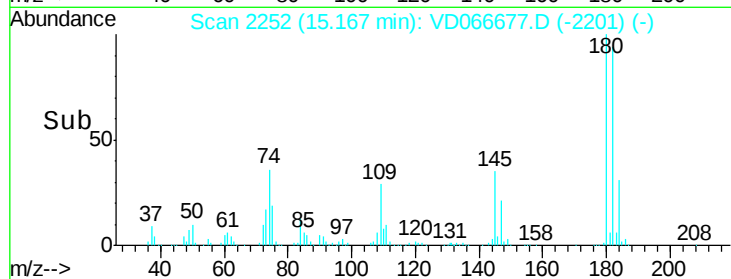
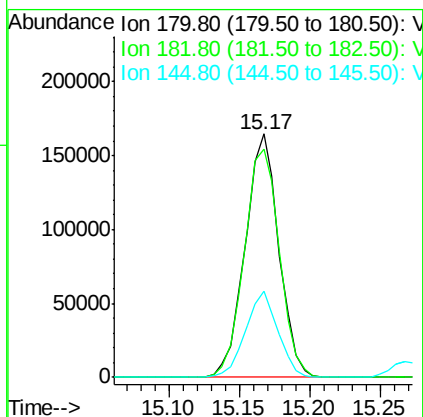
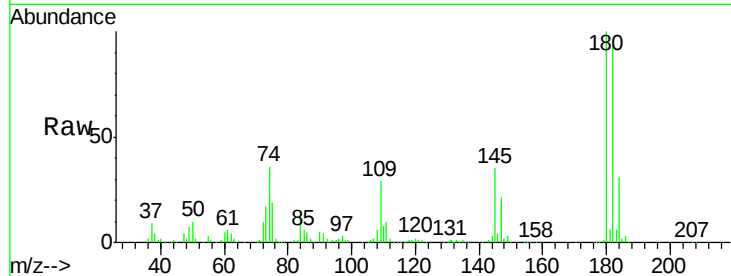
#93
 1,2,4-Trichlorobenzene
 Concen: 55.815 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	275011		
182	98.0	48.4	145.0	
145	34.2	16.7	50.0	

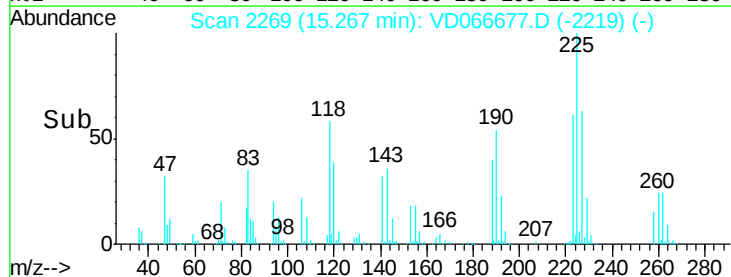
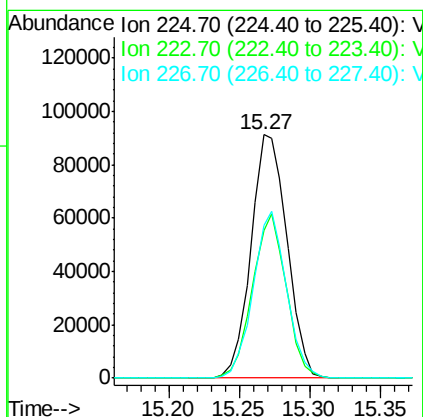
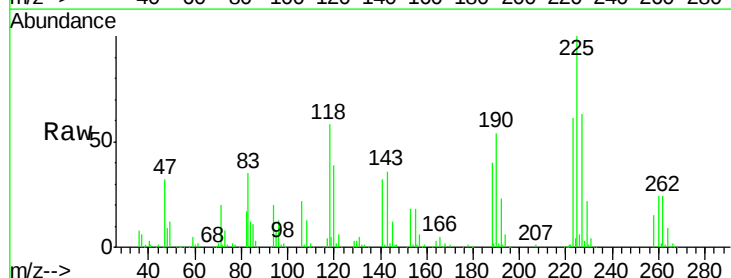
Manual Integrations
 APPROVED

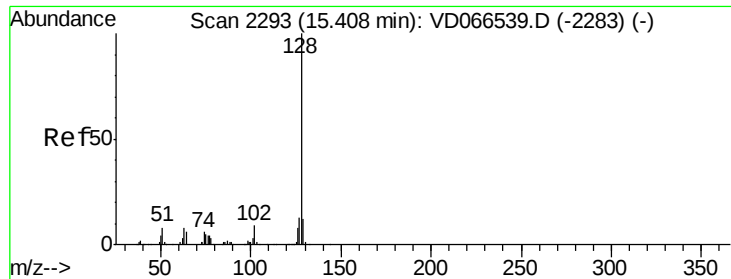
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#94
 Hexachlorobutadiene
 Concen: 55.098 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066677.D
 Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163096		
223	63.1	30.5	91.5	
227	63.7	32.4	97.2	





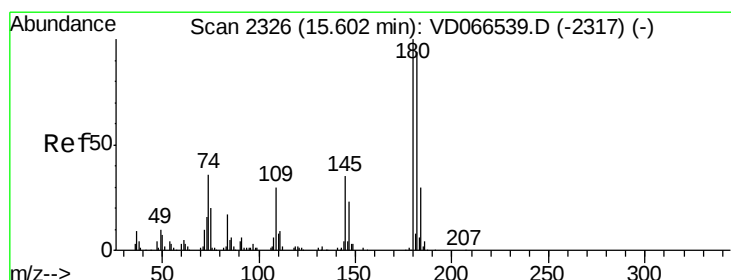
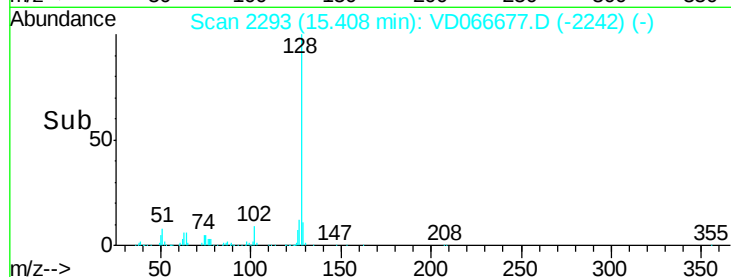
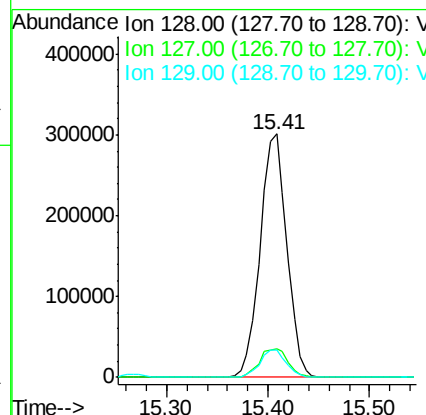
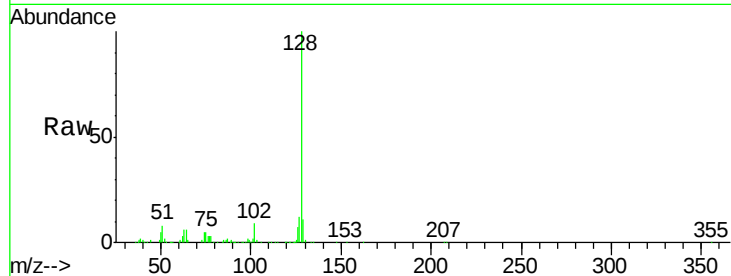
#95
Naphthalene
Concen: 63.759 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	548963		
127	12.9		10.7	16.1
129	11.3		9.1	13.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 57.507 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066677.D
Acq: 14 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241572		
182	95.0		47.9	143.6
145	34.7		17.3	51.7

