

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066177.D
 Acq On : 10 Aug 2020 21:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 3:19:31 PM

Quant Time: Aug 11 06:13:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	317409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	497574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	469301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	159533	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.91	113	163433	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.33	98	589246	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.63	95	215035	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	112091	40.083	ug/l	98
3) Chloromethane	2.20	50	103839	47.734	ug/l	98
4) Vinyl Chloride	2.34	62	95724	49.703	ug/l	96
5) Bromomethane	2.76	94	66737	52.230	ug/l	92
6) Chloroethane	2.91	64	62164	52.583	ug/l #	81
7) Trichlorofluoromethane	3.27	101	227113	45.233	ug/l	93
8) Diethyl Ether	3.71	74	82904	58.517	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	140214	47.055	ug/l	99
10) Methyl Iodide	4.30	142	166497	59.847	ug/l	94
11) Tert butyl alcohol	5.22	59	57848	277.799	ug/l	100
12) 1,1-Dichloroethene	4.06	96	140276	49.902	ug/l	98
13) Acrolein	3.92	56	64797	287.472	ug/l	99
14) Allyl chloride	4.71	41	240816	56.548	ug/l	96
15) Acrylonitrile	5.43	53	185069	309.996	ug/l	97
16) Acetone	4.16	43	134833	250.942	ug/l	98
17) Carbon Disulfide	4.40	76	422815	47.307	ug/l	99
18) Methyl Acetate	4.71	43	84164	61.669	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	371323	57.632	ug/l	97
20) Methylene Chloride	4.96	84	195009	64.555	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	166691	51.620	ug/l	98
22) Diisopropyl ether	6.36	45	503348	59.770	ug/l	96
23) Vinyl Acetate	6.30	43	1486610	301.322	ug/l	97
24) 1,1-Dichloroethane	6.26	63	292797	56.180	ug/l	99
25) 2-Butanone	7.21	43	222549	281.608	ug/l	99
26) 2,2-Dichloropropane	7.20	77	213314	45.667	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	190288	56.181	ug/l	98
28) Bromochloromethane	7.54	49	120750	65.966	ug/l	91
29) Tetrahydrofuran	7.56	42	150407	307.186	ug/l	97
30) Chloroform	7.71	83	301203	55.039	ug/l	98
31) Cyclohexane	7.98	56	238788	48.132	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	256486	49.987	ug/l	98
36) 1,1-Dichloropropene	8.11	75	219908	47.032	ug/l	99
37) Ethyl Acetate	7.29	43	100381	54.185	ug/l	98
38) Carbon Tetrachloride	8.09	117	236696	45.395	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	279086	49.377	ug/l	98
40) Benzene	8.34	78	659825	50.870	ug/l	96
41) Methacrylonitrile	7.52	41	52594m	48.284	ug/l	
42) 1,2-Dichloroethane	8.42	62	196904	51.675	ug/l	100
43) Isopropyl Acetate	8.44	43	204342	55.982	ug/l	99
44) Trichloroethene	9.11	130	191736	49.056	ug/l	95
45) 1,2-Dichloropropane	9.38	63	170967	53.894	ug/l	92
46) Dibromomethane	9.47	93	93667	53.604	ug/l	99
47) Bromodichloromethane	9.66	83	242025	52.406	ug/l	95
48) Methyl methacrylate	9.45	41	107167	57.499	ug/l	96
49) 1,4-Dioxane	9.46	88	23444	1044.301	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	526553	280.842	ug/l	99
52) Toluene	10.40	92	430706	50.464	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	226404	51.657	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	277315	54.004	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	139081	55.275	ug/l	95
56) Ethyl methacrylate	10.66	69	172036	56.916	ug/l	98
57) 1,3-Dichloropropane	10.94	76	221223	52.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	418248	307.622	ug/l	98
59) 2-Hexanone	10.98	43	357815	271.928	ug/l	98
60) Dibromochloromethane	11.14	129	178049	51.256	ug/l	98
61) 1,2-Dibromoethane	11.24	107	129700	53.599	ug/l	99
64) Tetrachloroethene	10.87	164	170048	47.187	ug/l	97
65) Chlorobenzene	11.67	112	475514	49.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	182732	49.021	ug/l	97
67) Ethyl Benzene	11.74	91	831484	50.364	ug/l	98
68) m/p-Xylenes	11.85	106	638262	99.785	ug/l	99
69) o-Xylene	12.18	106	298610	51.320	ug/l	97
70) Styrene	12.20	104	526024	51.585	ug/l	99
71) Bromoform	12.36	173	107364	48.613	ug/l #	100
73) Isopropylbenzene	12.48	105	799970	50.824	ug/l	100
74) N-amyl acetate	12.28	43	195176	56.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	145932	54.373	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	108209m	55.030	ug/l	
77) Bromobenzene	12.76	156	211055	52.090	ug/l	98
78) n-propylbenzene	12.82	91	921486	50.364	ug/l	100
79) 2-Chlorotoluene	12.91	91	539661	51.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	689704	52.396	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	45241	50.859	ug/l	95
82) 4-Chlorotoluene	13.00	91	563010	50.967	ug/l	99
83) tert-Butylbenzene	13.23	119	580790	50.170	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	696551	52.875	ug/l	100
85) sec-Butylbenzene	13.40	105	779779	49.891	ug/l	100
86) p-Isopropyltoluene	13.52	119	725271	49.476	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	381825	50.140	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	380443	50.095	ug/l	100
89) n-Butylbenzene	13.84	91	651047	49.570	ug/l	99
90) Hexachloroethane	14.11	117	143587	49.112	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	338376	50.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24075	52.192	ug/l	98

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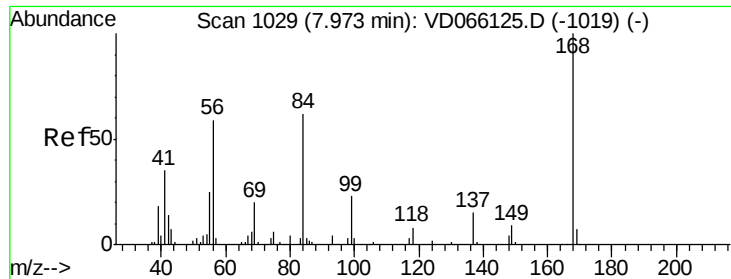
Manual Integrations
APPROVED

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8/11/2020 3:19:31 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	249987	50.370	ug/l	99
94) Hexachlorobutadiene	15.27	225	140725	48.152	ug/l	98
95) Naphthalene	15.41	128	452607	55.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	219622	50.128	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 317409

Ion Ratio Lower Upper

168 100

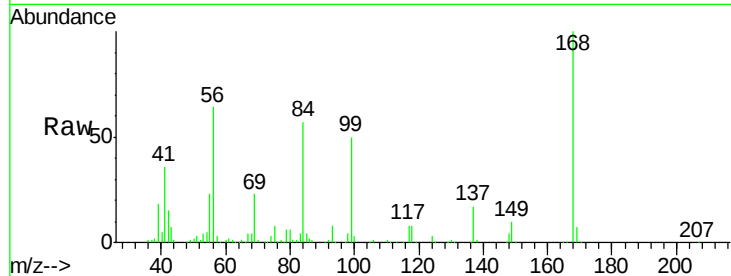
99 49.7 42.2 63.4

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

7.97

150000

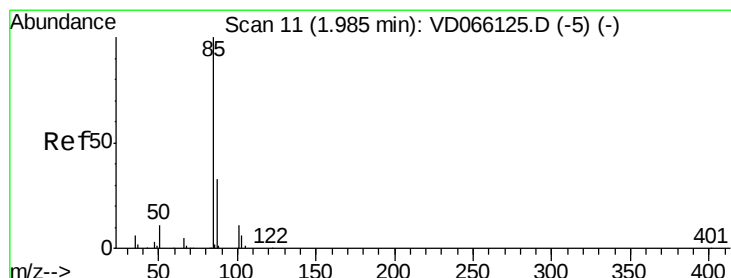
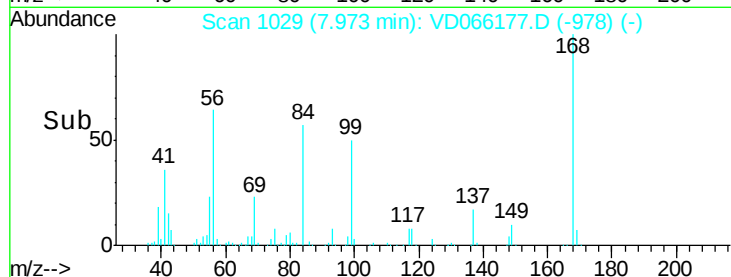
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.083 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066177.D

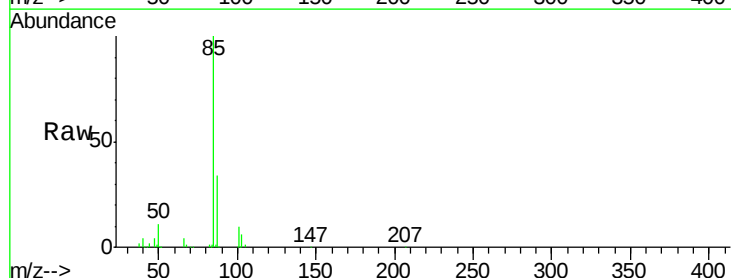
Acq: 10 Aug 2020 21:35

Tgt Ion: 85 Resp: 112091

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

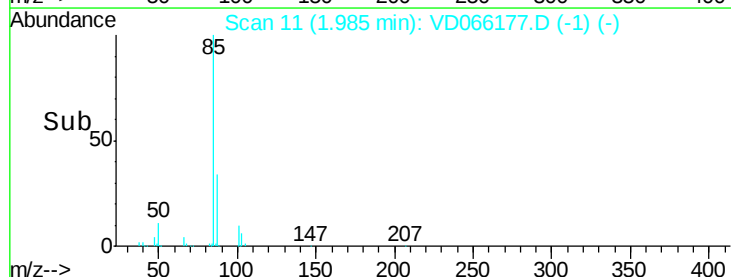
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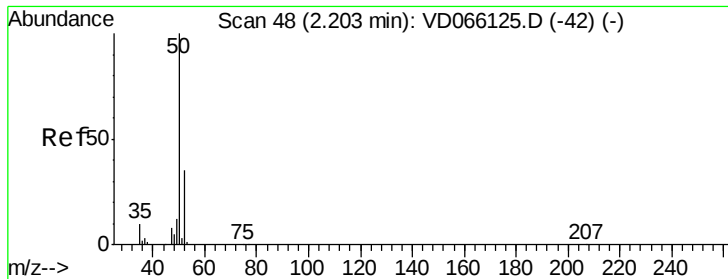
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.734 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103839

Ion Ratio Lower Upper

50 100

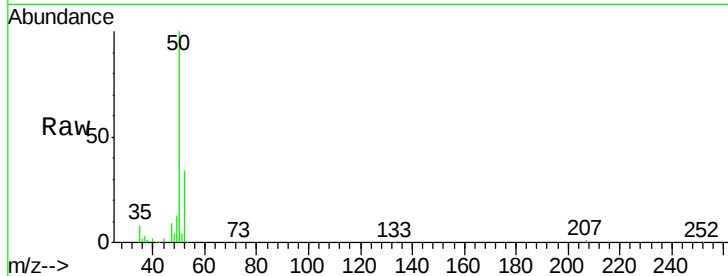
52 34.0 27.9 41.9

Manual Integrations

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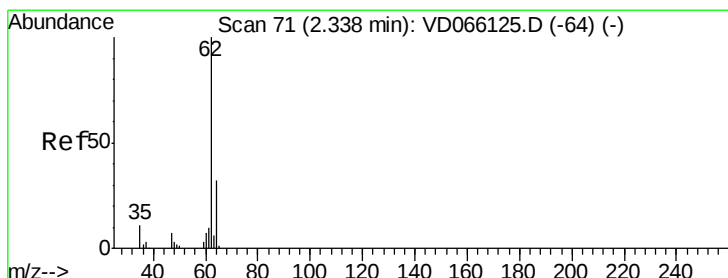
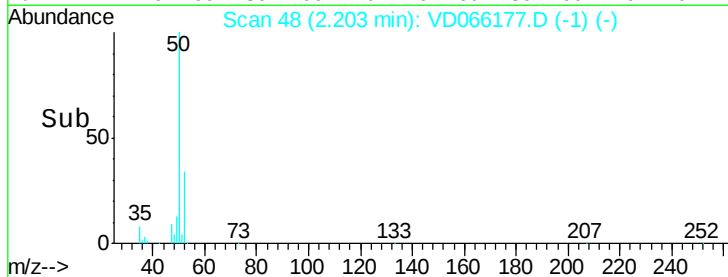
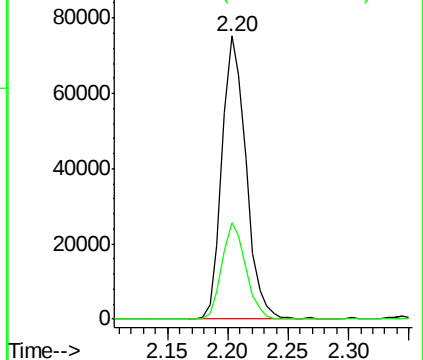
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.703 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066177.D

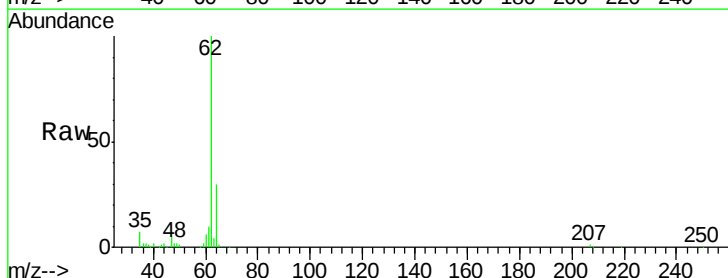
Acq: 10 Aug 2020 21:35

Tgt Ion: 62 Resp: 95724

Ion Ratio Lower Upper

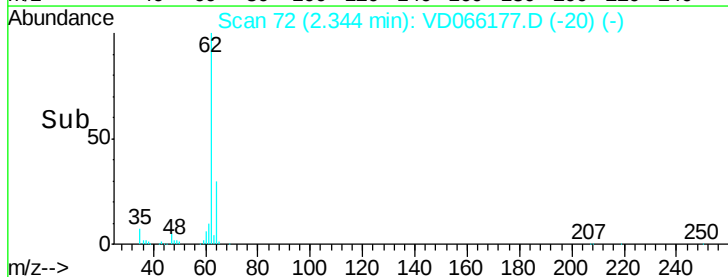
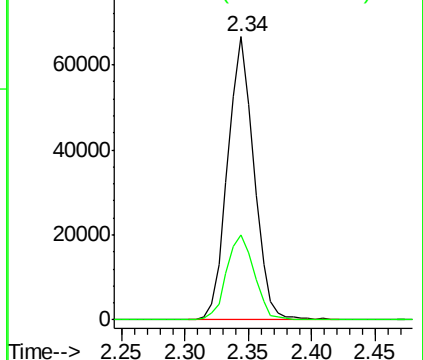
62 100

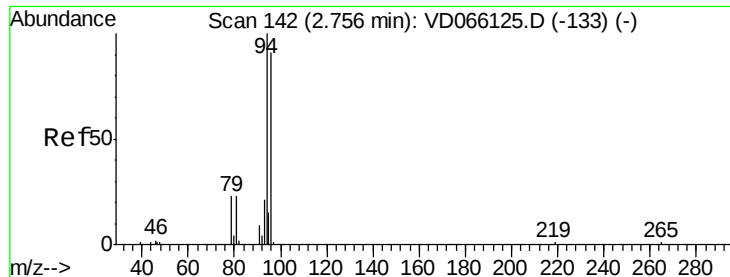
64 30.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.230 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 66737

Ion Ratio Lower Upper

94 100

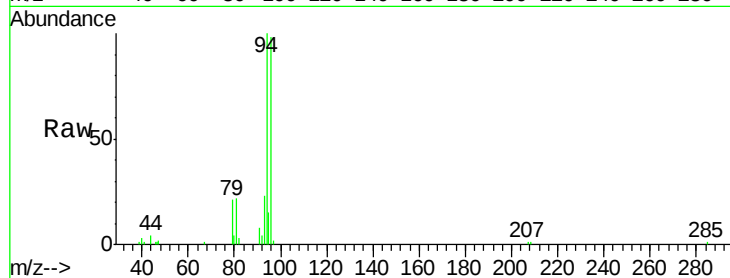
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Manual Integrations

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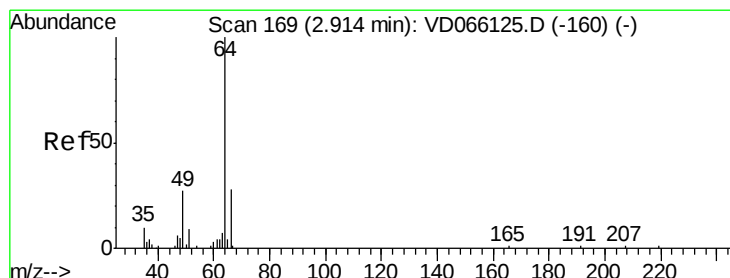
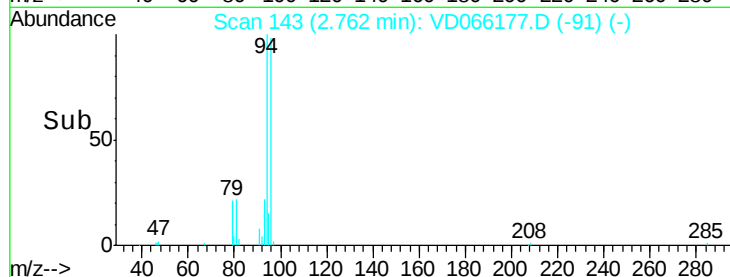
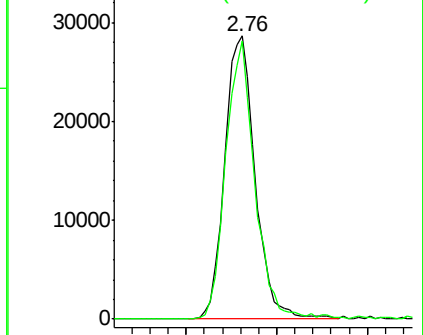
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.583 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066177.D

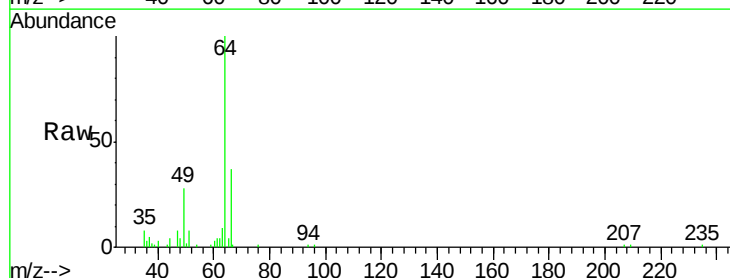
Acq: 10 Aug 2020 21:35

Tgt Ion: 64 Resp: 62164

Ion Ratio Lower Upper

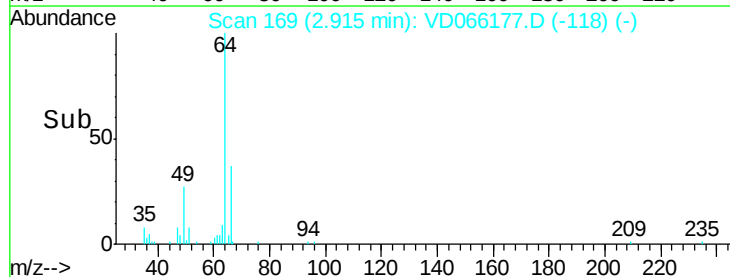
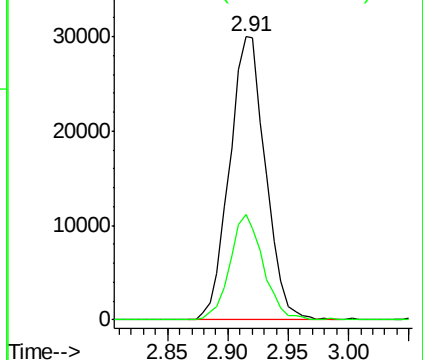
64 100

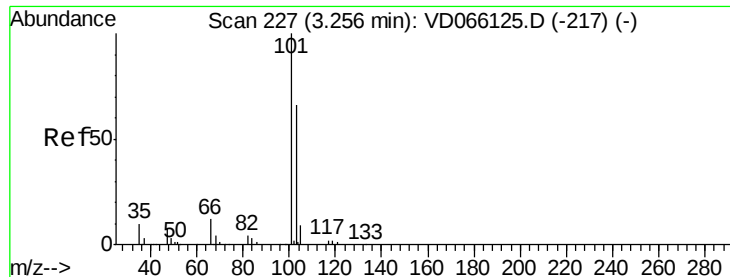
66 37.3 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

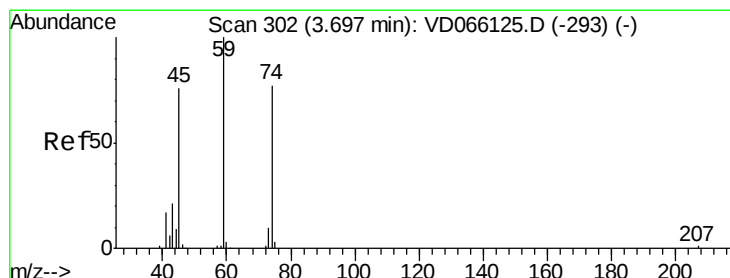
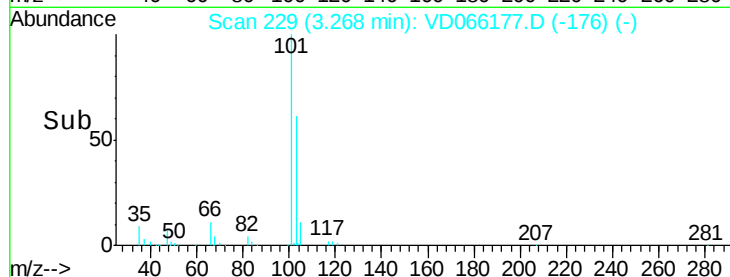
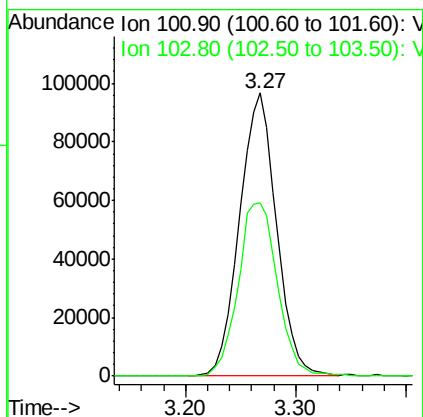
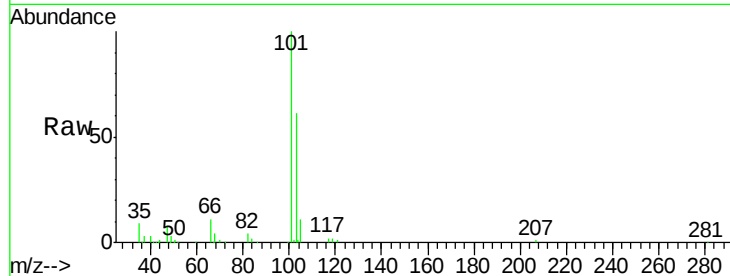
Trichlorofluoromethane
 Concen: 45.233 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	53.0	79.6

Manual Integrations
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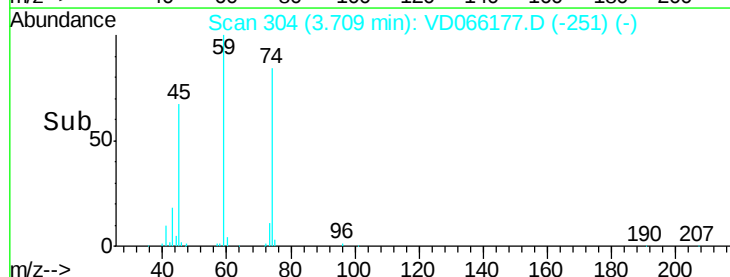
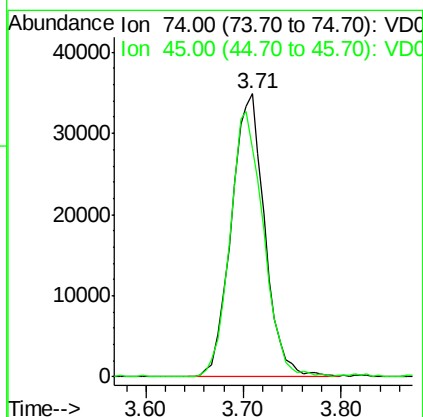
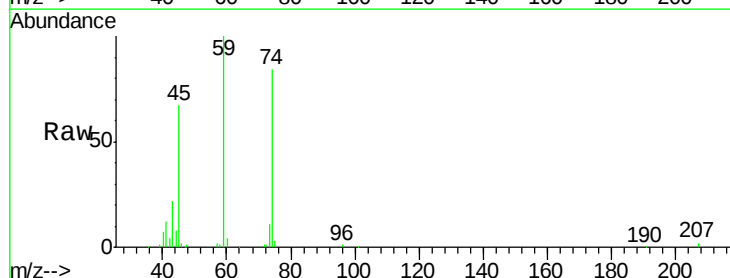
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 8/11/2020 3:19:31 PM

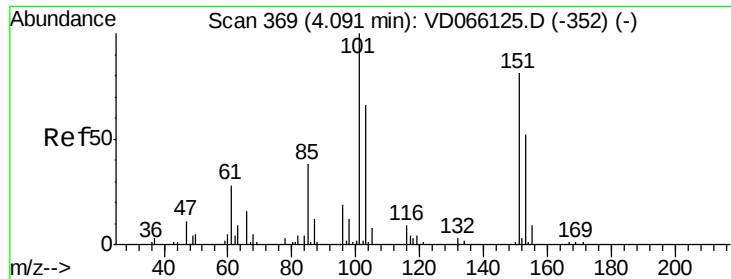


#8

Diethyl Ether
 Concen: 58.517 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.055 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

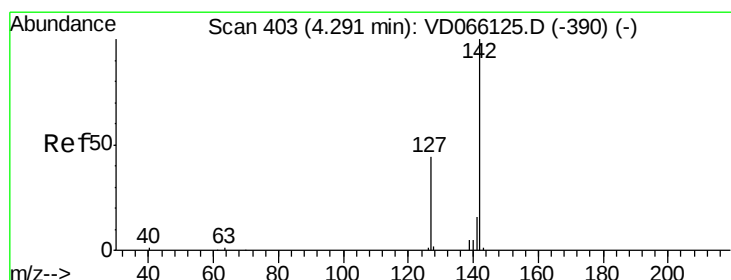
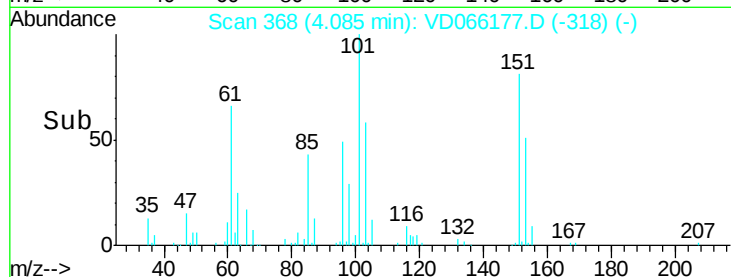
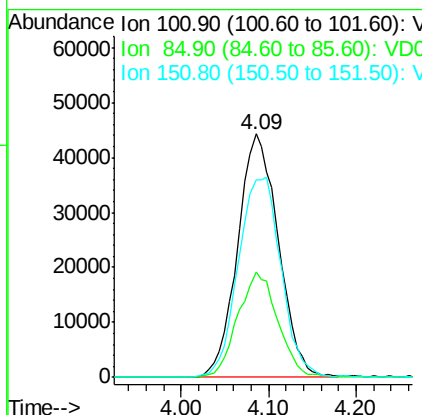
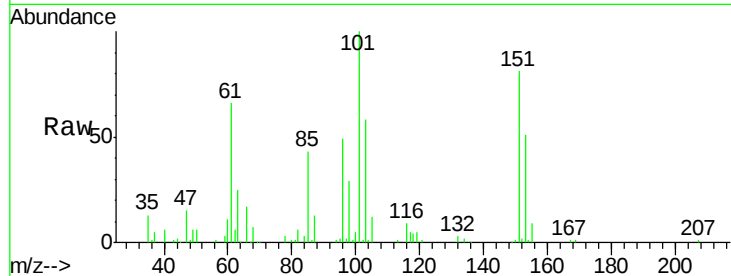
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	140214
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.5	50.3
151	86.2	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 59.847 ug/l

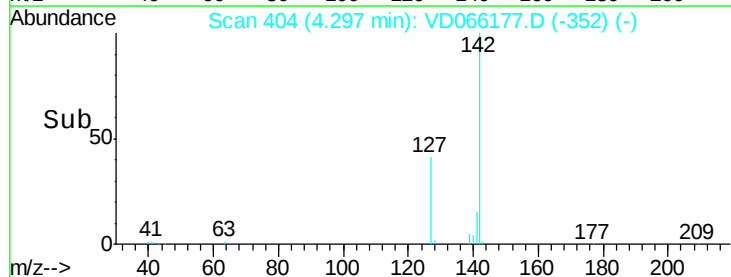
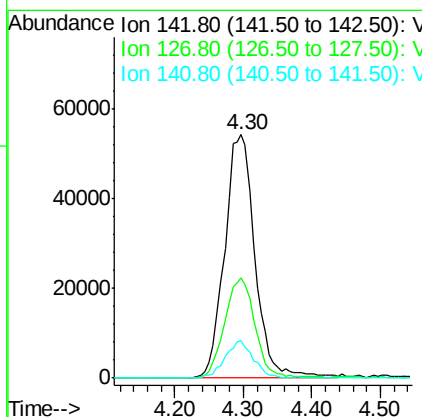
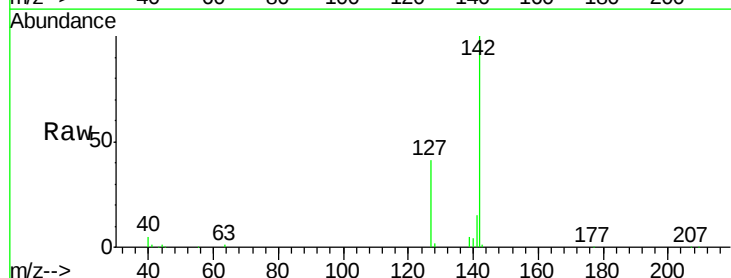
RT: 4.30 min Scan# 404

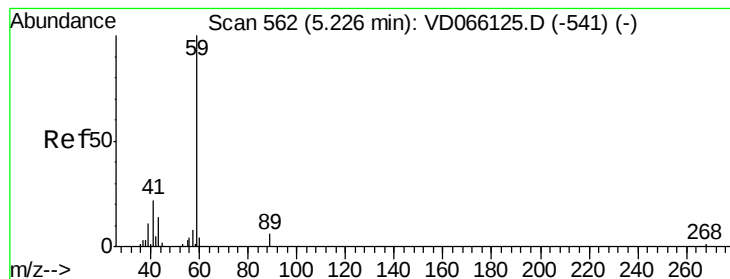
Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion:	142	Resp:	166497
Ion Ratio	Lower	Upper	
142	100		
127	40.7	36.2	54.4
141	14.1	12.6	18.8





#11

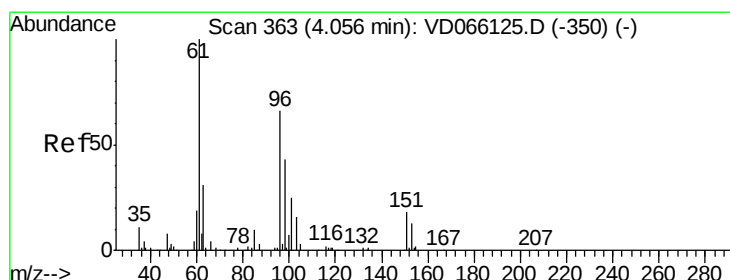
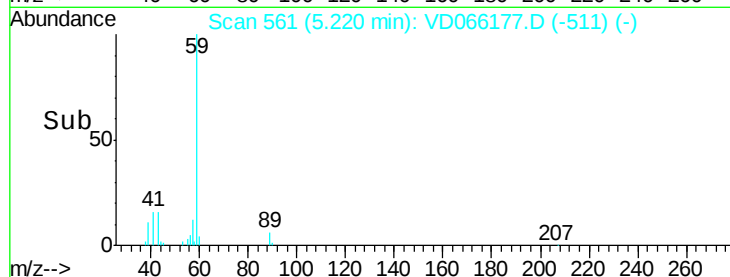
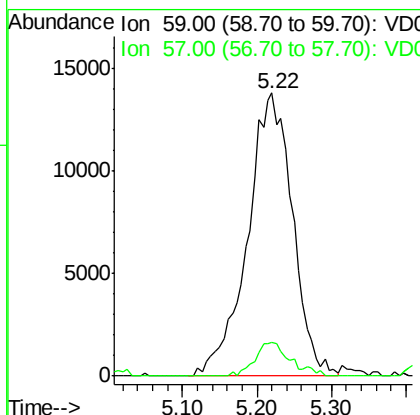
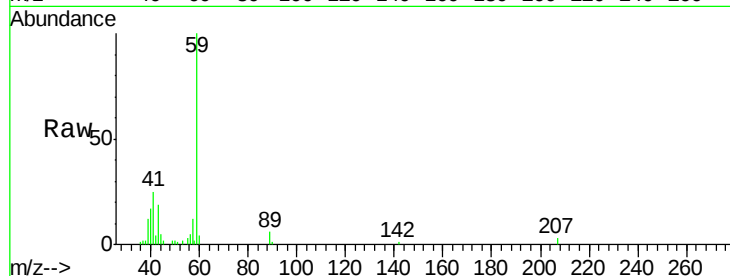
Tert butyl alcohol
Concen: 277.799 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	57848		
57	57	8.6		7.0	10.4

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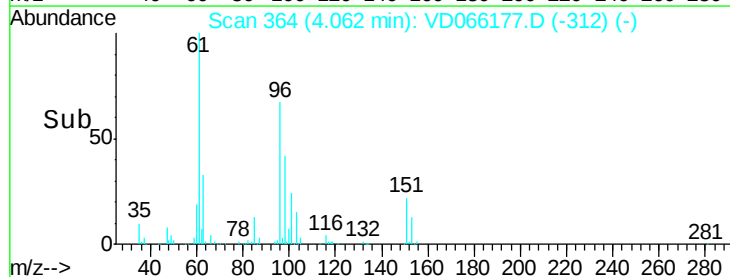
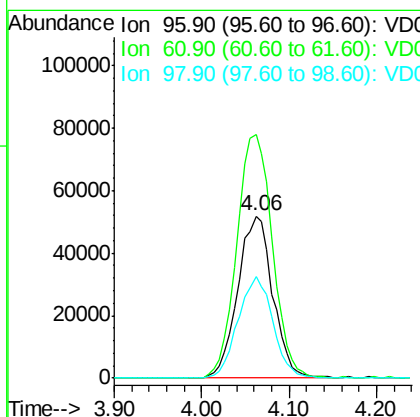
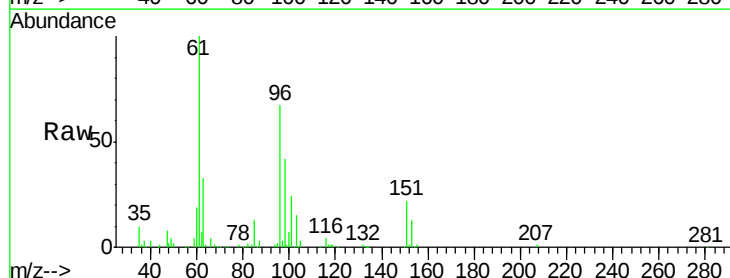
MMDadoda
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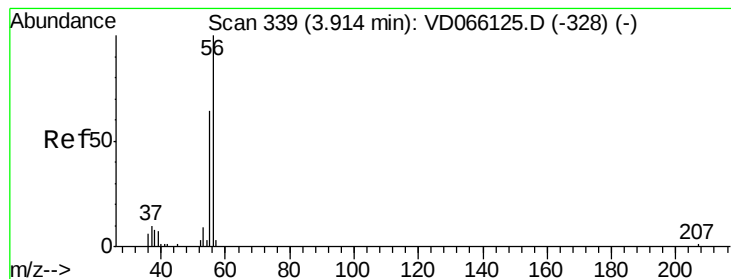


#12

1,1-Dichloroethene
Concen: 49.902 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	140276		
61	61	150.2		121.6	182.4
98	98	62.8		52.0	78.0





#13

Acrolein

Concen: 287.472 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 64797

Ion Ratio Lower Upper

56 100

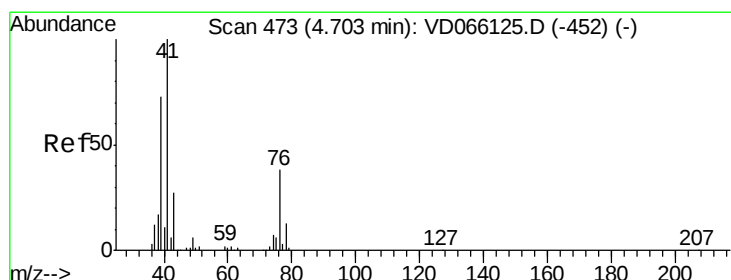
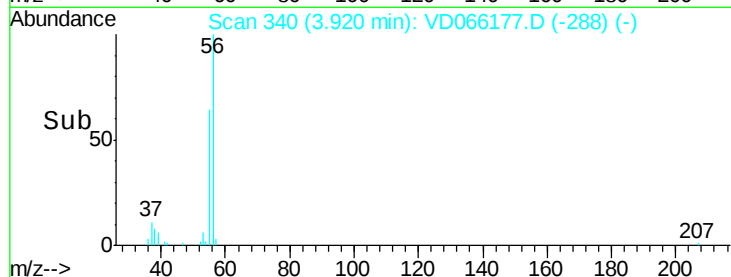
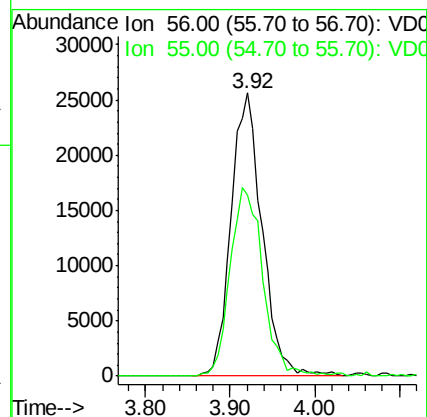
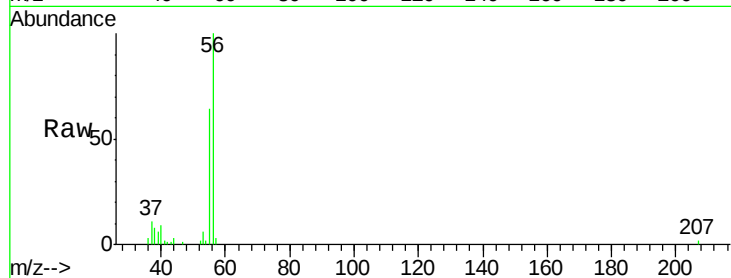
55 70.0 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 56.548 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

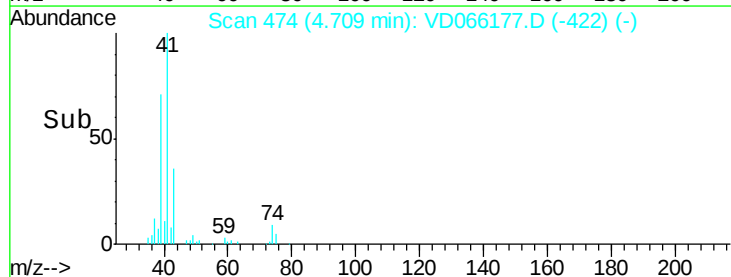
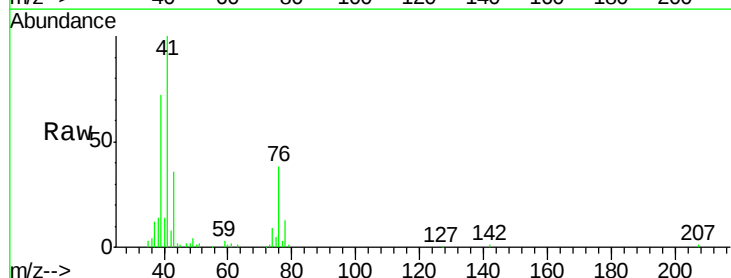
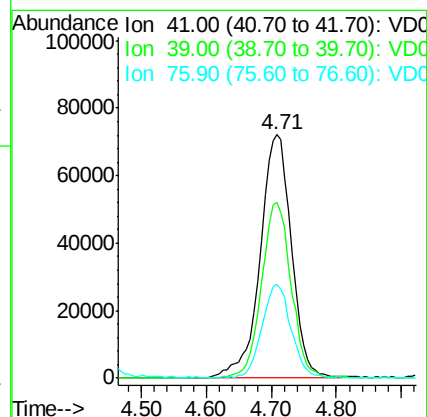
Tgt Ion: 41 Resp: 240816

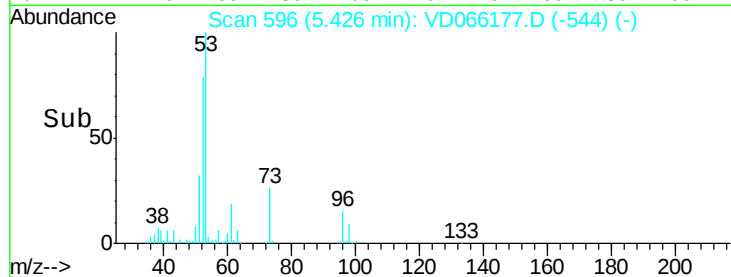
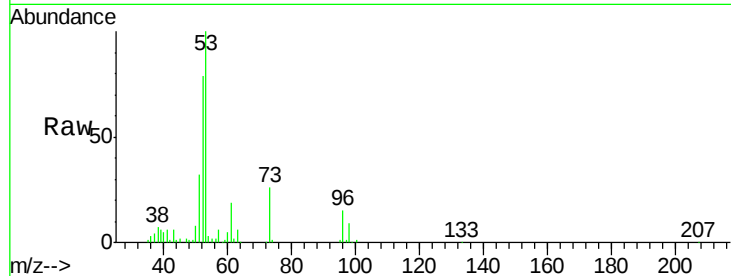
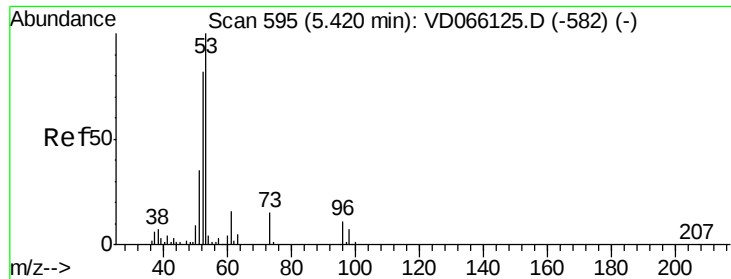
Ion Ratio Lower Upper

41 100

39 67.8 57.4 86.0

76 35.8 30.1 45.1





#15

Acrylonitrile

Concen: 309.996 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066177.D

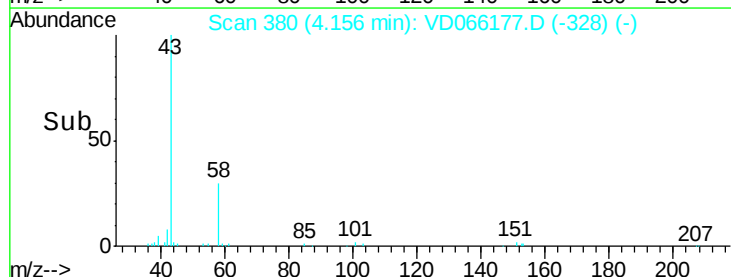
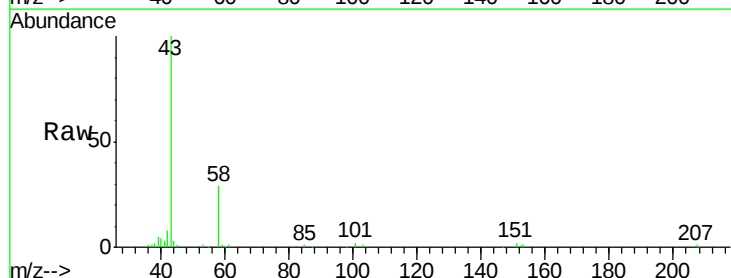
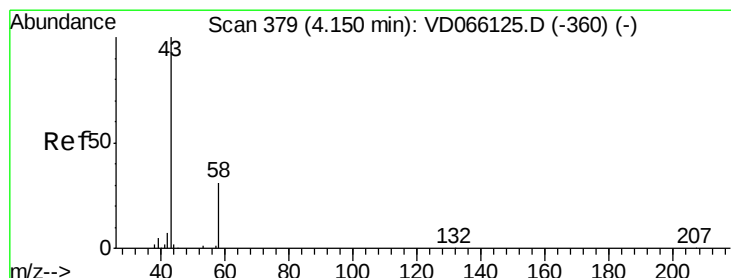
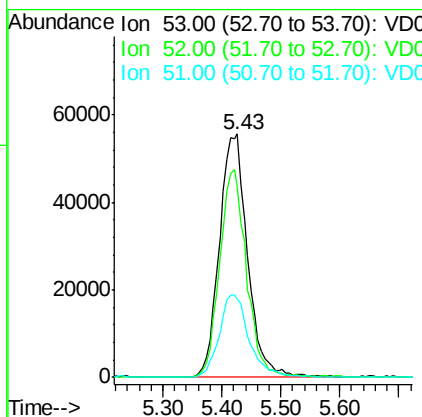
Acq: 10 Aug 2020 21:35

Tot Ion:	53	Resp:	185069
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.1	99.1
51	35.6	30.8	46.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#16

Acetone

Concen: 250.942 ug/l

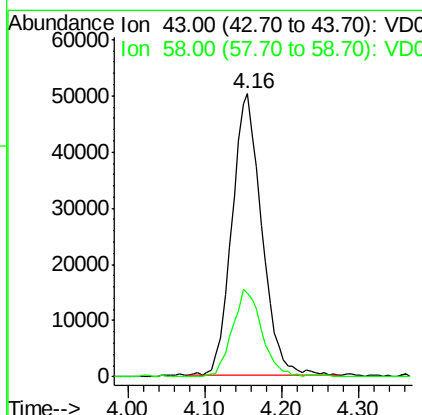
RT: 4.16 min Scan# 380

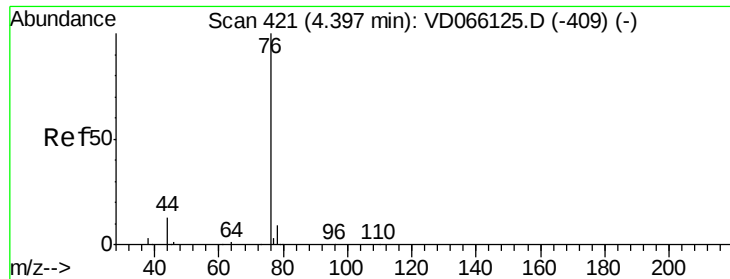
Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion:	43	Resp:	134833
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.7	37.1





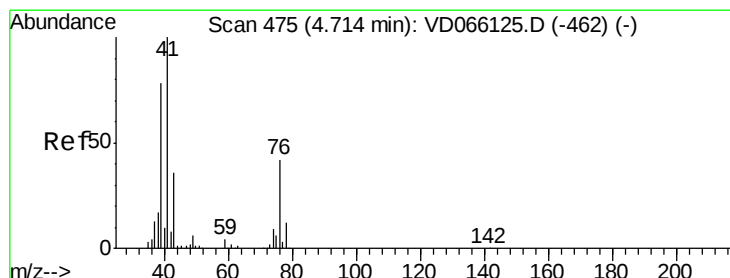
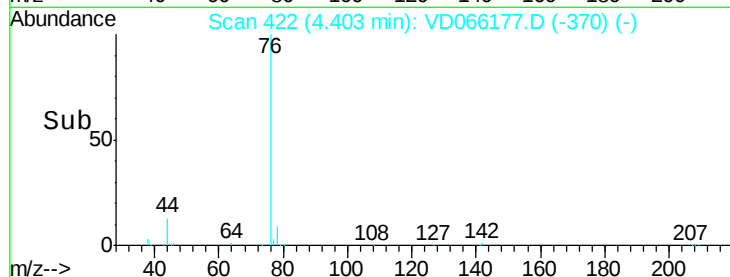
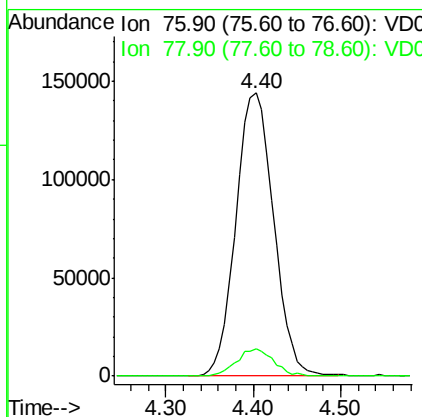
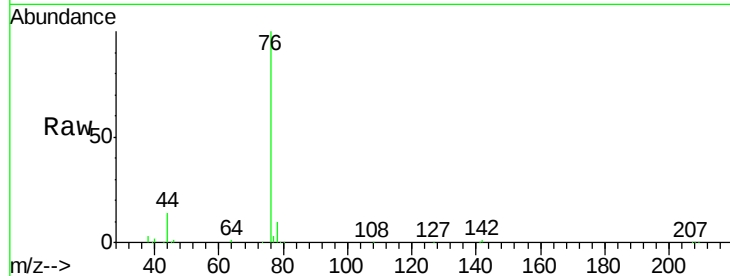
#17
Carbon Disulfide
Concen: 47.307 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.5	11.3

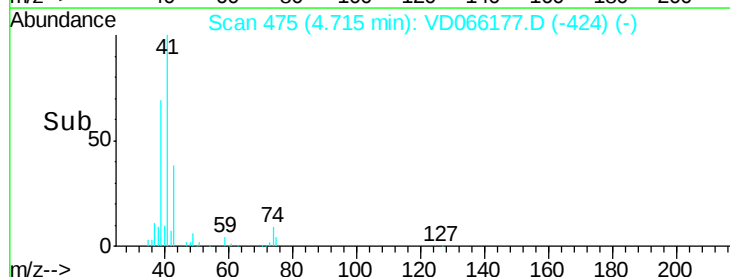
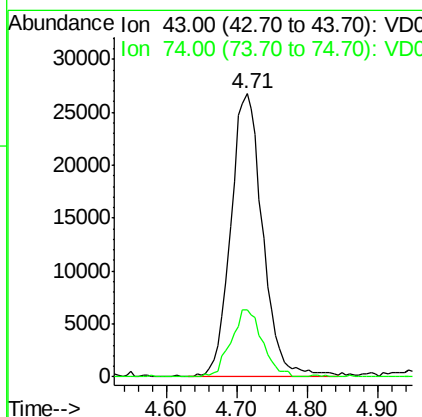
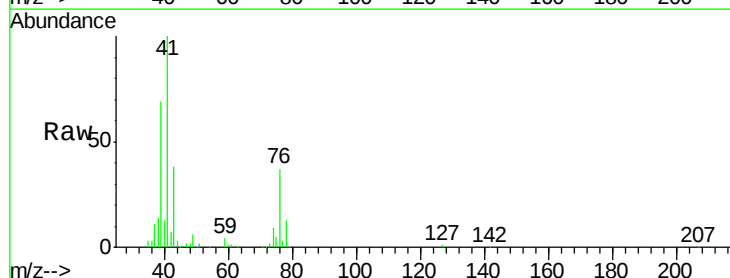
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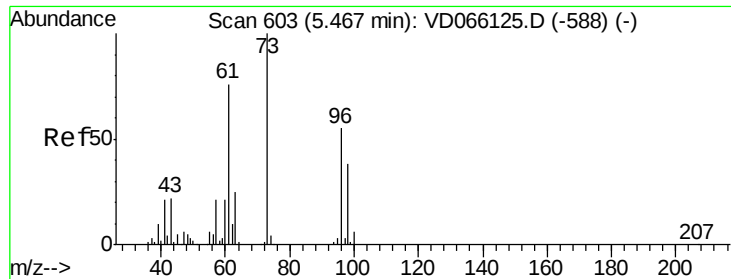
MMDadoda
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#18
Methyl Acetate
Concen: 61.669 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	21.2	31.8





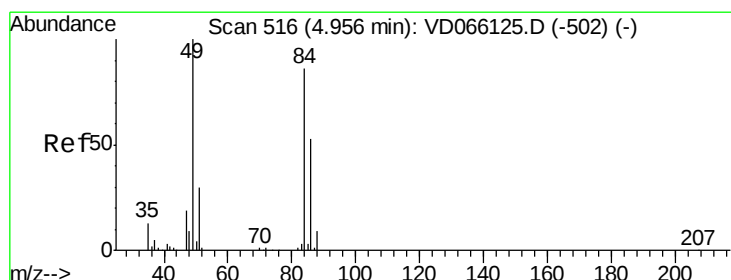
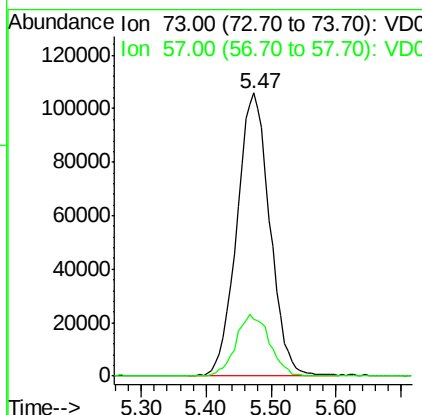
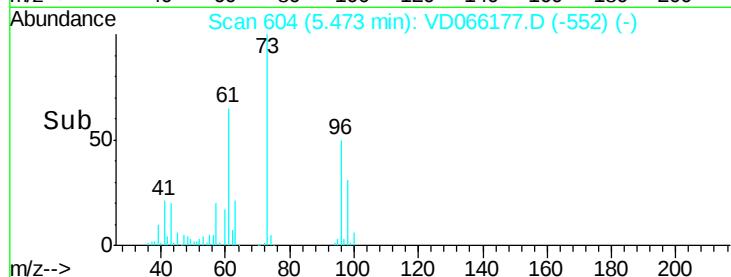
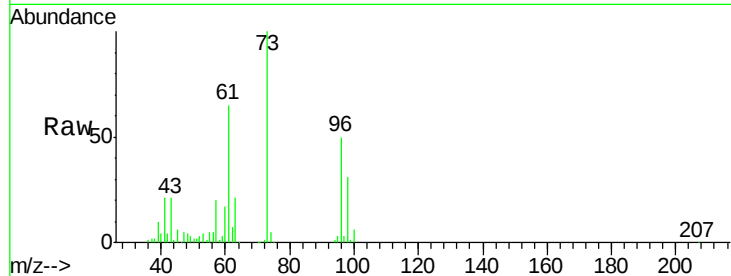
#19
Methvl tert-butvl Ether
Concen: 57.632 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.1	25.7

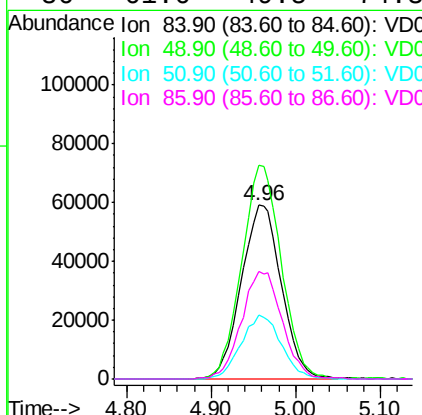
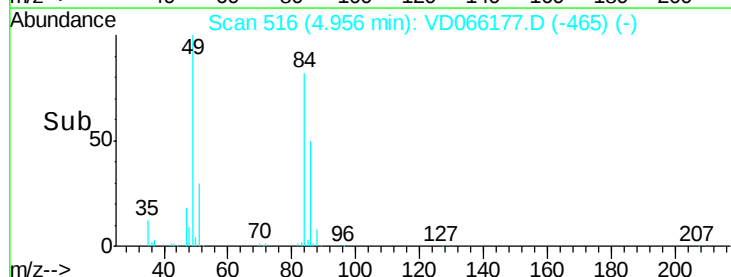
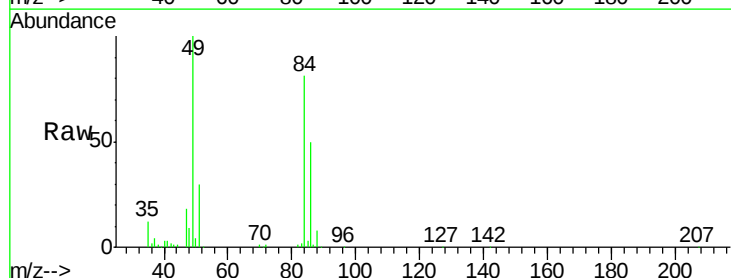
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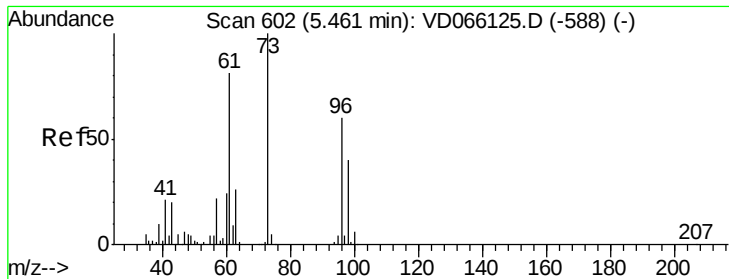
MMDadoda
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#20
Methylene Chloride
Concen: 64.555 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	93.5	140.3
51	37.1	28.2	42.4
86	61.6	49.5	74.3





#21

trans-1,2-Dichloroethene

Concen: 51.620 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

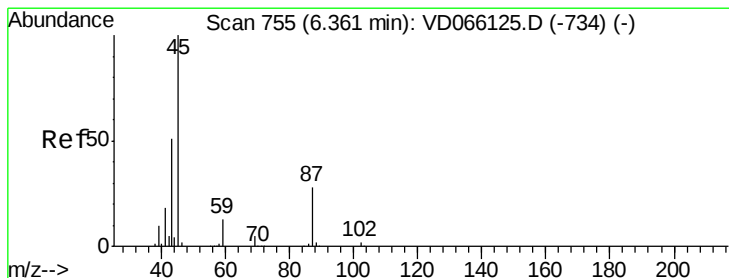
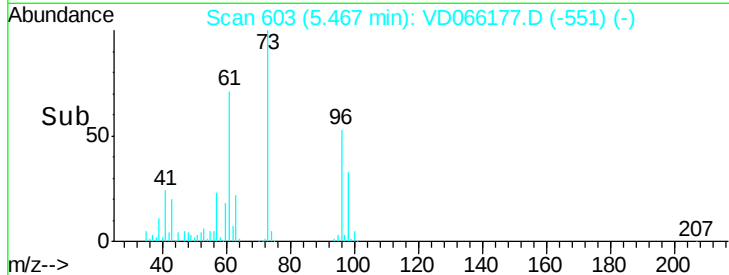
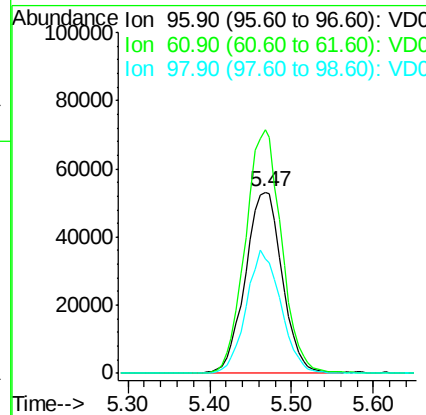
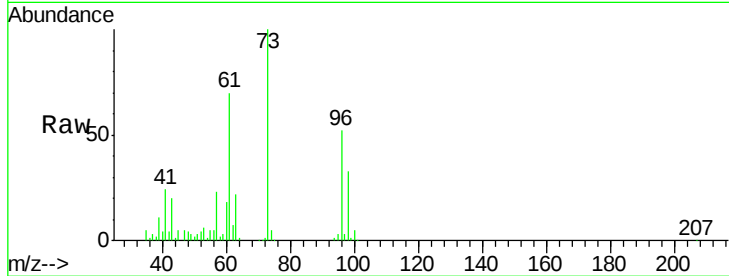
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	166691
Ion	Ratio	Lower	Upper
96	100		
61	134.3	106.9	160.3
98	63.1	53.4	80.0

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#22

Diisopropyl ether

Concen: 59.770 ug/l

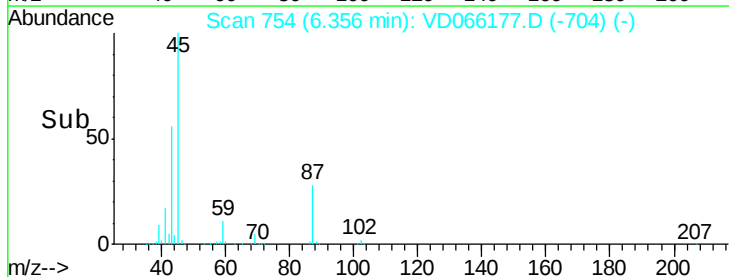
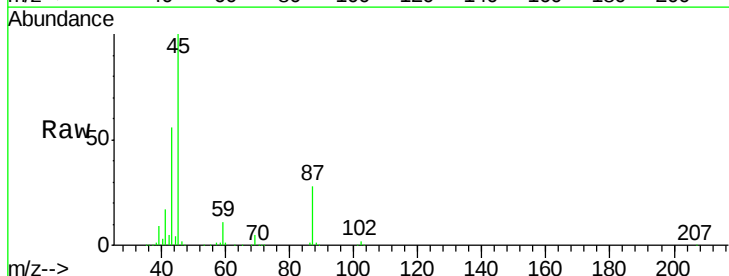
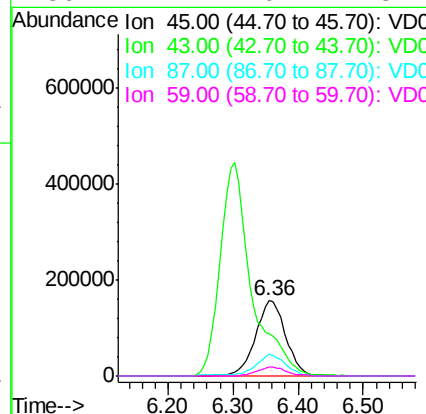
RT: 6.36 min Scan# 754

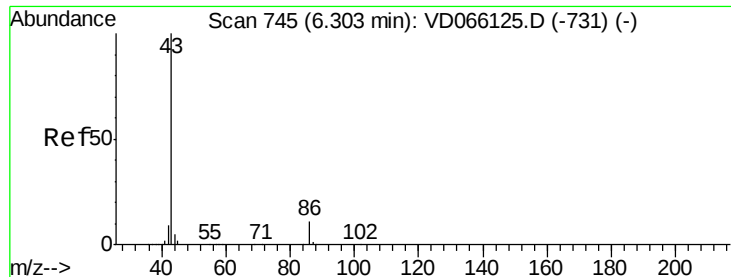
Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion:	45	Resp:	503348
Ion	Ratio	Lower	Upper
45	100		
43	55.5	41.2	61.8
87	28.3	22.8	34.2
59	11.4	10.2	15.2





#23

Vinyl Acetate

Concen: 301.322 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1486610

Ion Ratio Lower Upper

43 100

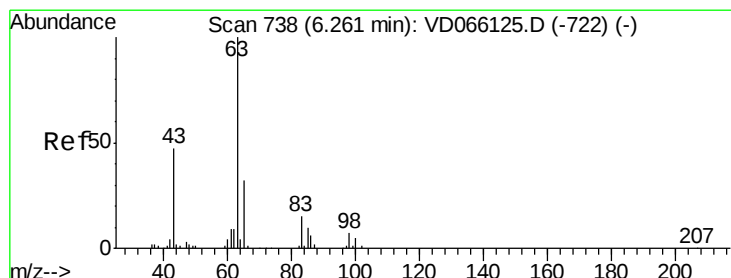
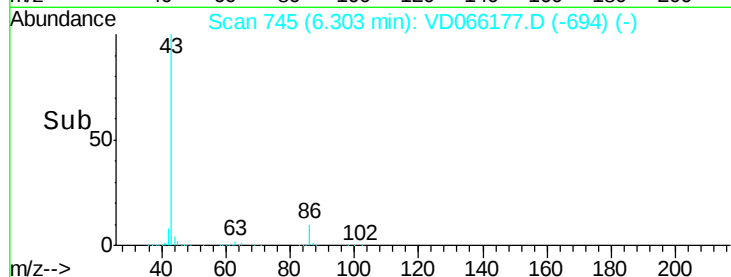
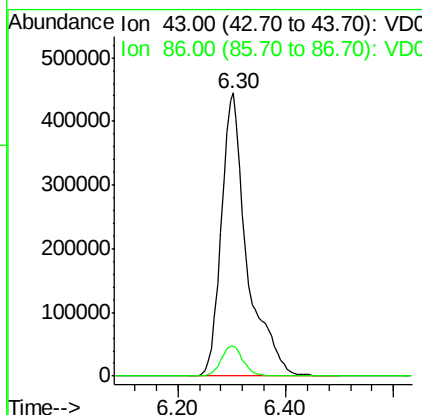
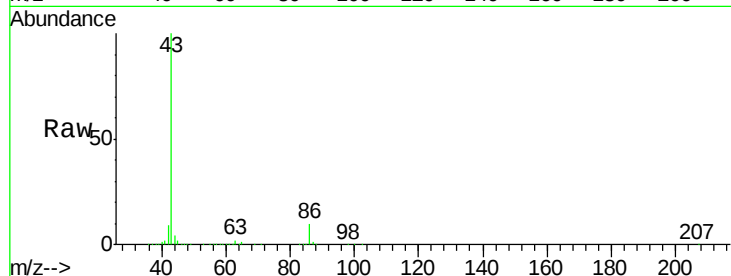
86 10.4 9.1 13.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.180 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

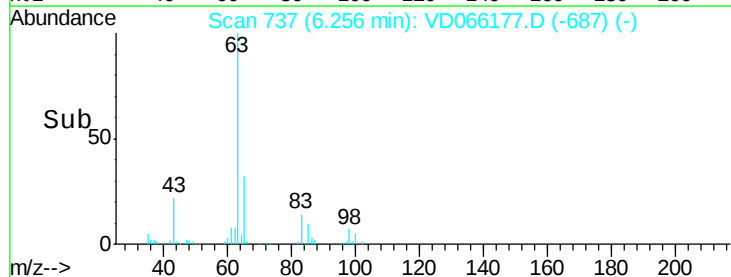
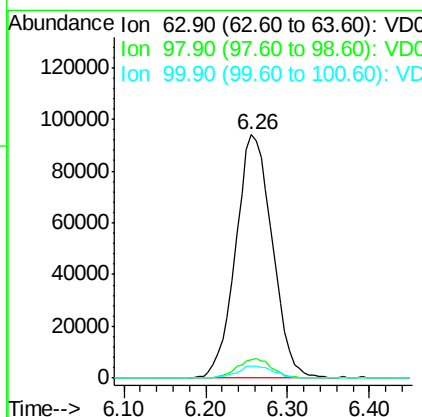
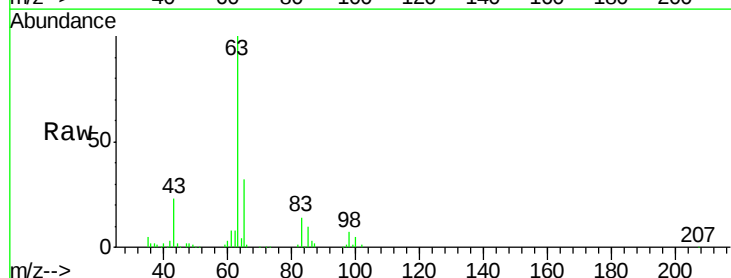
Tgt Ion: 63 Resp: 292797

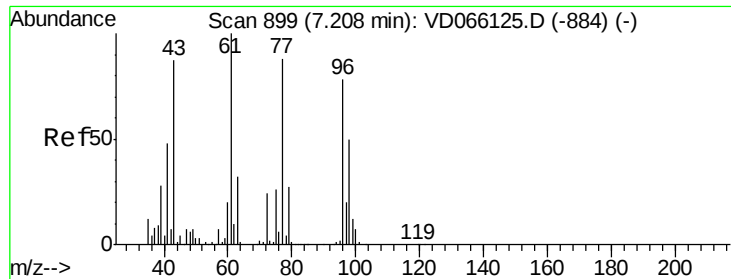
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 281.608 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 222549

Ion Ratio Lower Upper

43 100

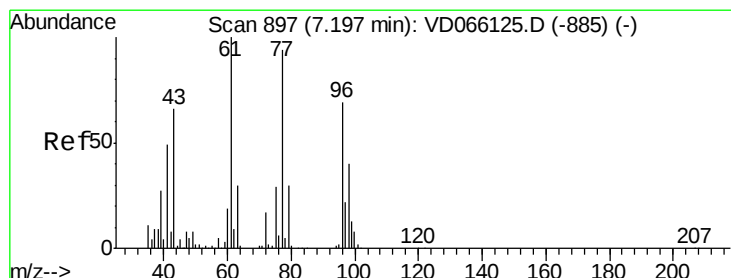
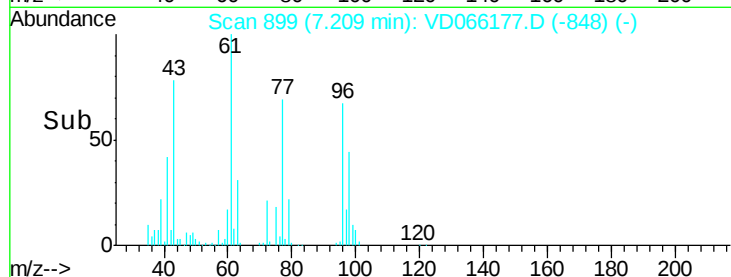
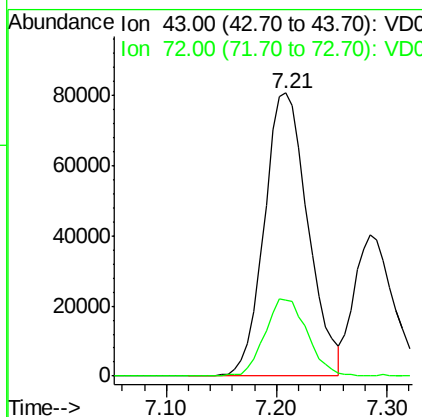
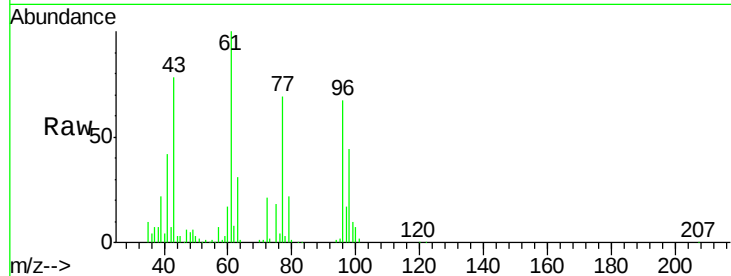
72 27.0 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.667 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066177.D

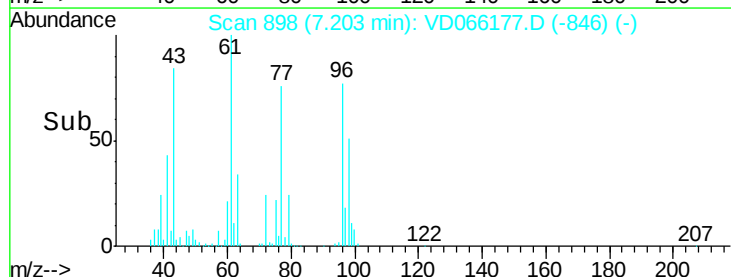
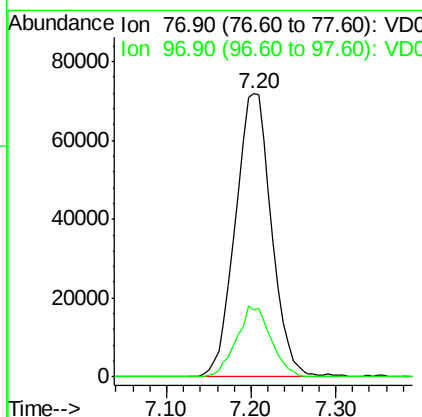
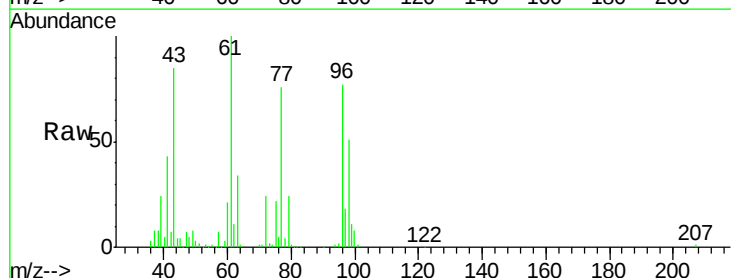
Acq: 10 Aug 2020 21:35

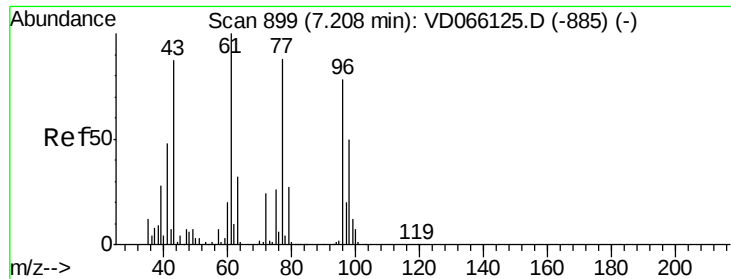
Tgt Ion: 77 Resp: 213314

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

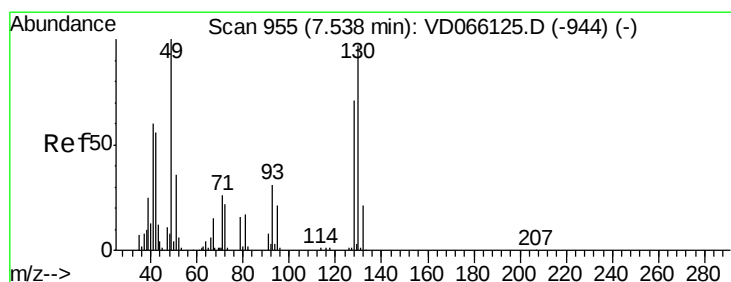
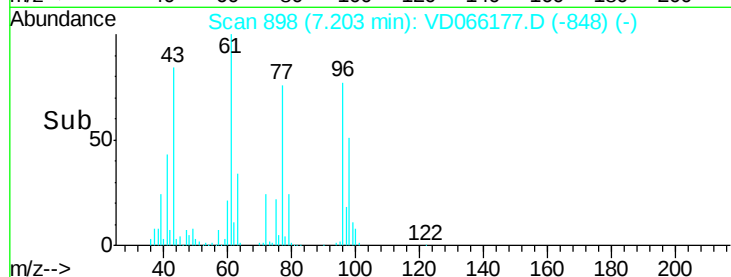
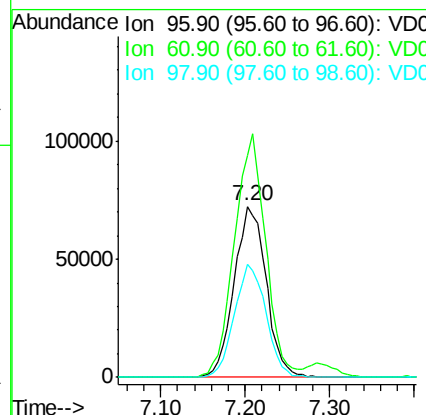
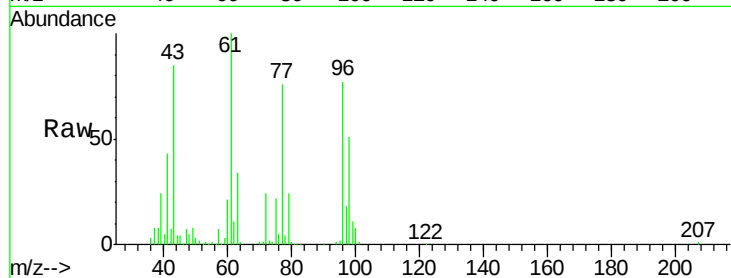
cis-1,2-Dichloroethene
 Concen: 56.181 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	190288		
61	138.4		0.0	281.6
98	65.0		0.0	130.8

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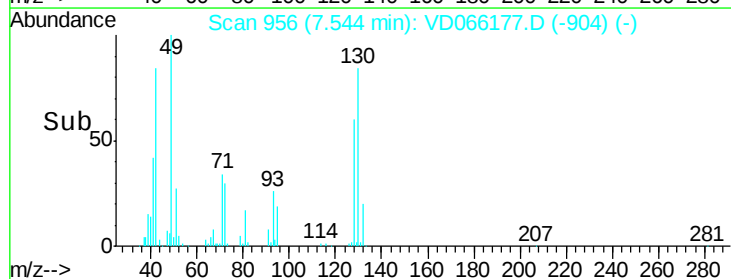
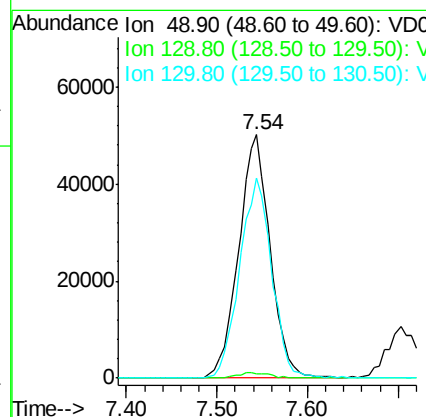
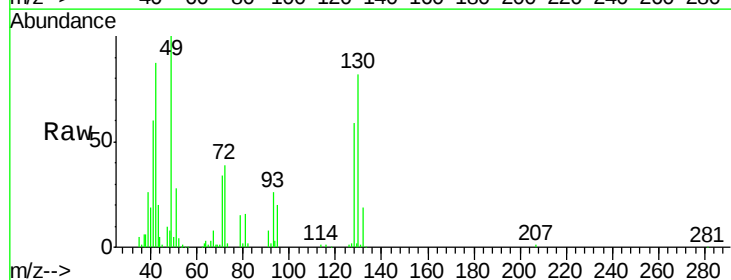
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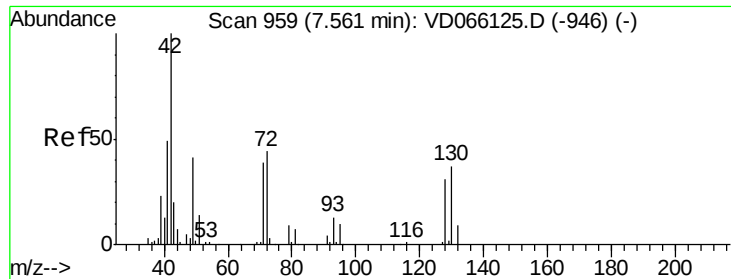


#28

Bromochloromethane
 Concen: 65.966 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120750		
129	2.4		0.0	6.0
130	83.7		73.8	110.6





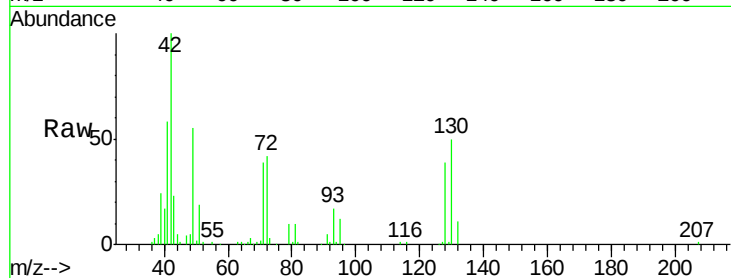
#29
Tetrahydrofuran
Concen: 307.186 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

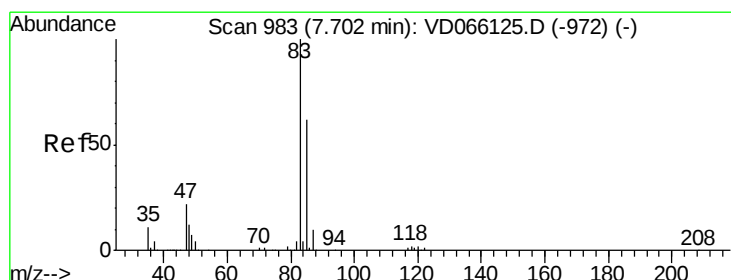
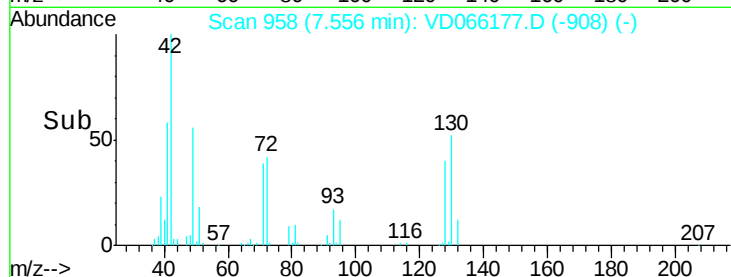
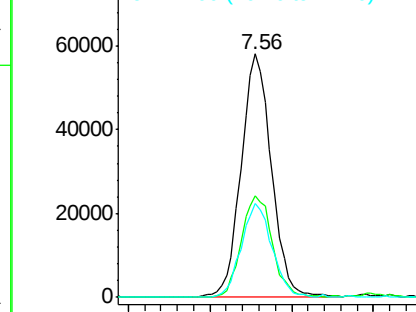
Tot Ion	Ratio	Resp	Lower	Upper
42	100	150407		
72	42.5		34.8	52.2
71	38.6		33.5	50.3

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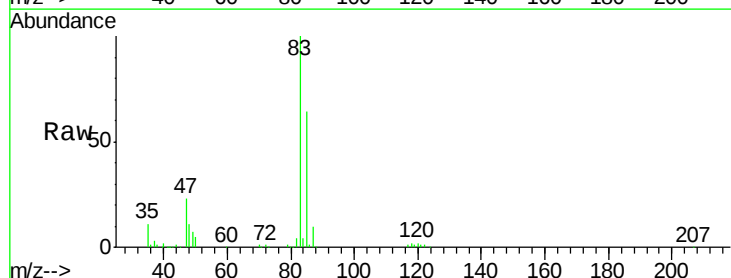


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

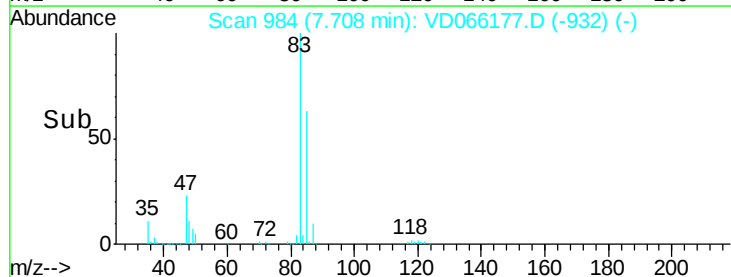
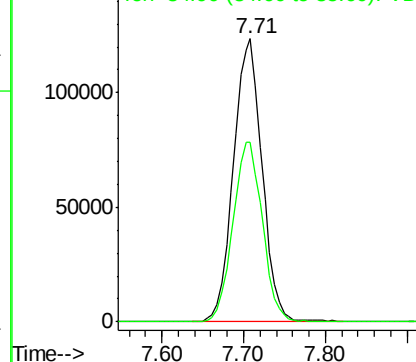


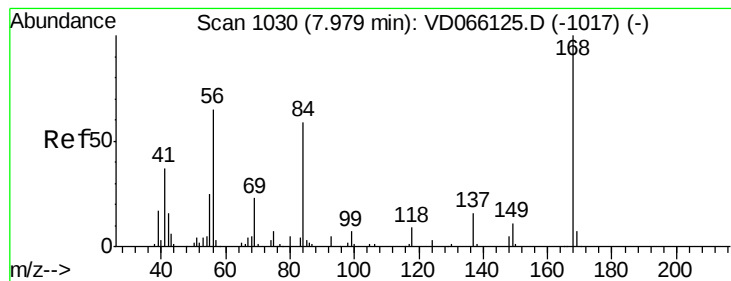
#30
Chloroform
Concen: 55.039 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	301203		
85	63.5		49.5	74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 48.132 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 238788

Ion Ratio Lower Upper

56 100

69 36.5 28.8 43.2

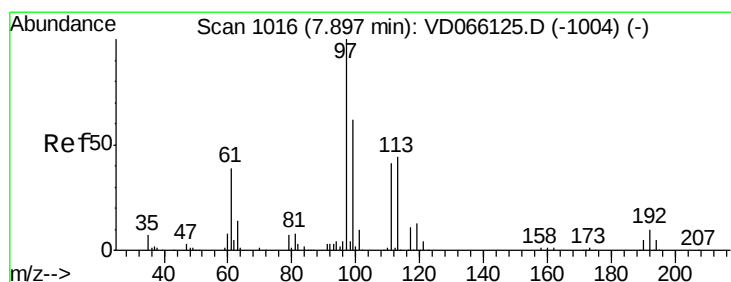
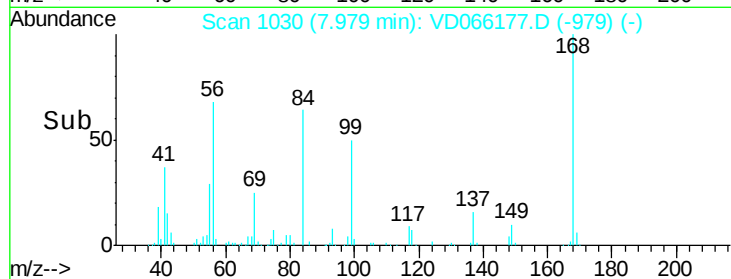
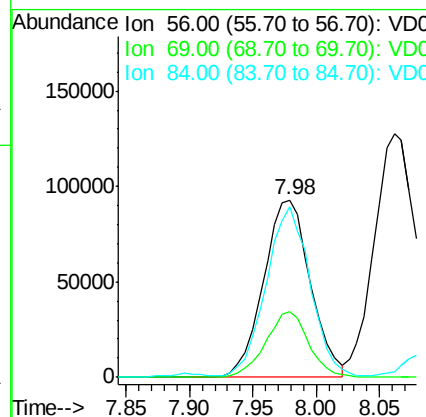
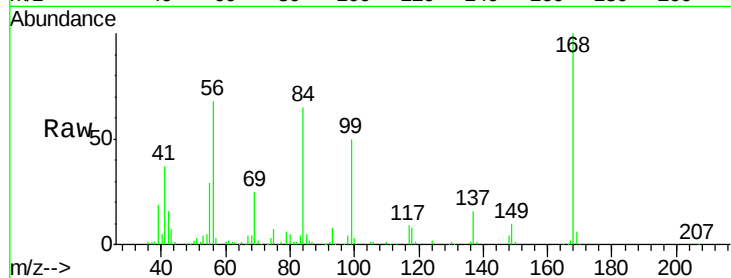
84 94.6 73.0 109.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 49.987 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

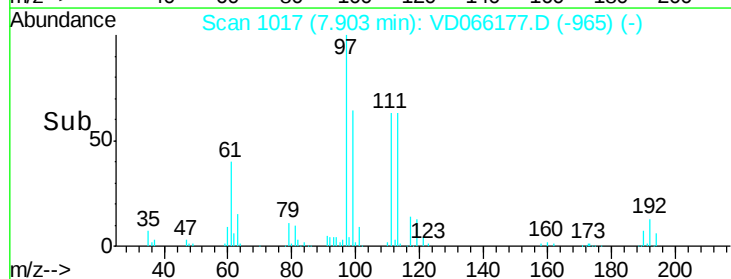
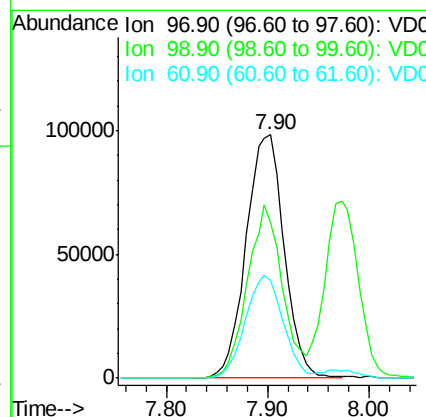
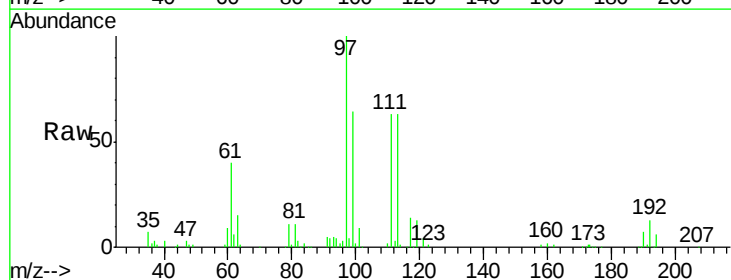
Tgt Ion: 97 Resp: 256486

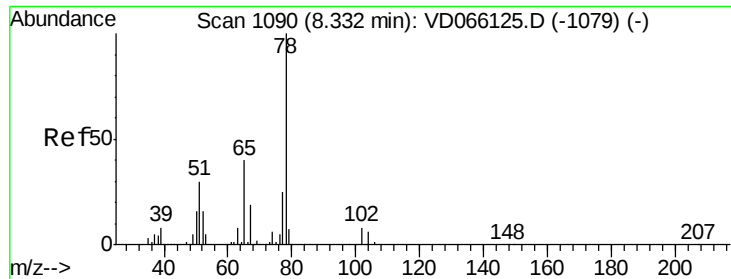
Ion Ratio Lower Upper

97 100

99 65.9 51.1 76.7

61 42.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 56.337 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 159533

Ion Ratio Lower Upper

65 100

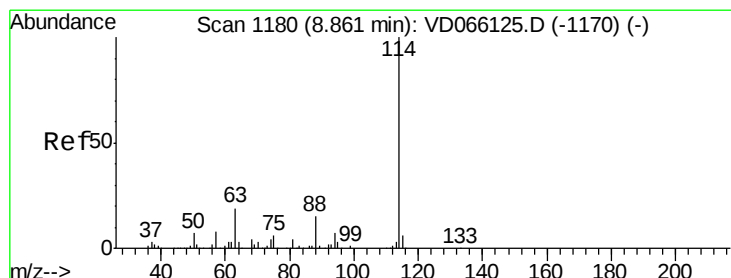
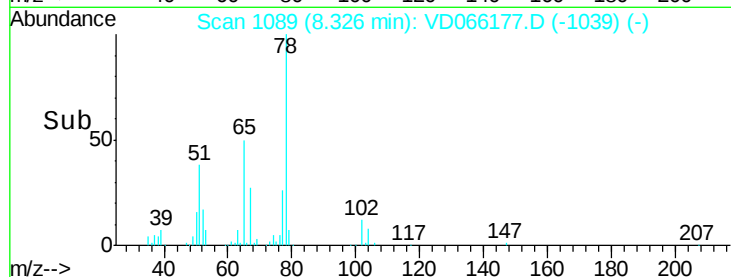
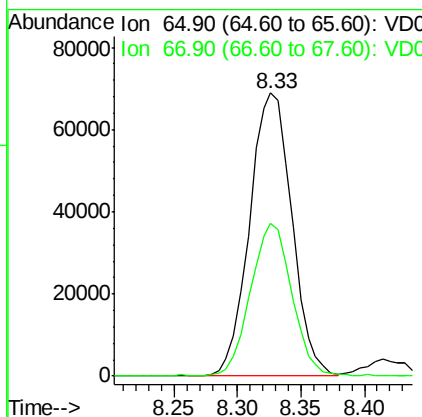
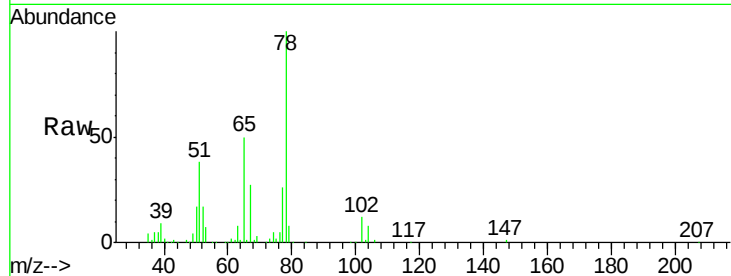
67 52.8 0.0 104.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

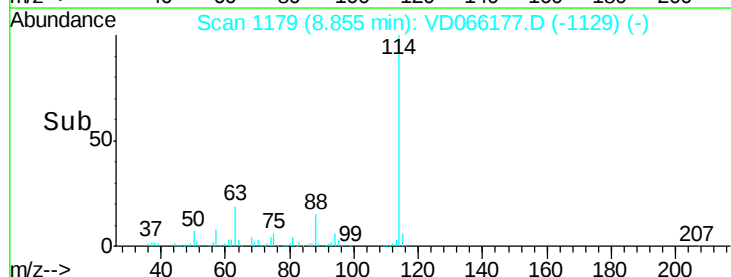
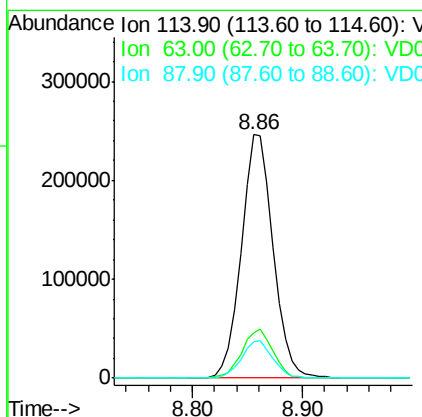
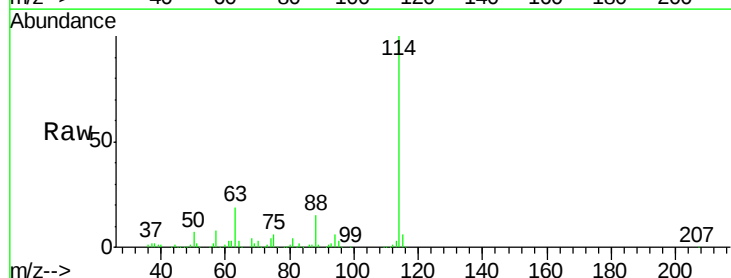
Tgt Ion: 114 Resp: 497574

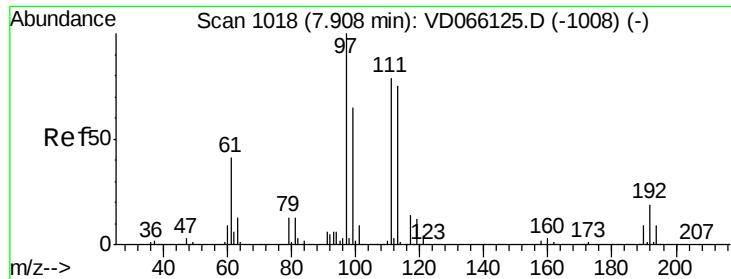
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

88 15.1 0.0 30.0





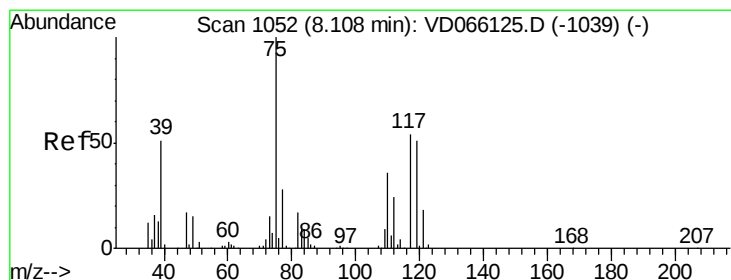
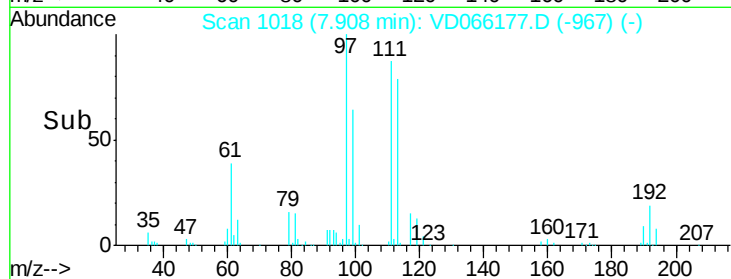
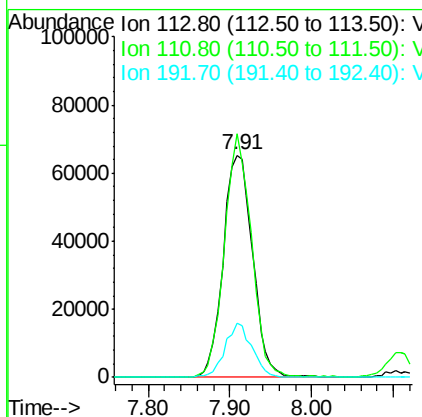
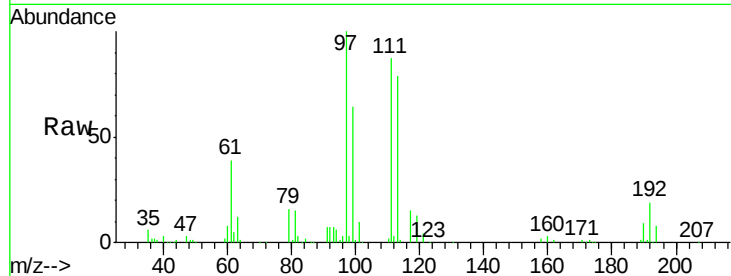
#35
 Dibromofluoromethane
 Concen: 51.849 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163433		
111	100.9	80.7	121.1	
192	22.3	18.4	27.6	

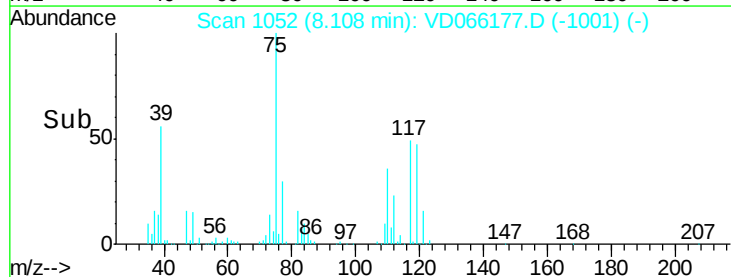
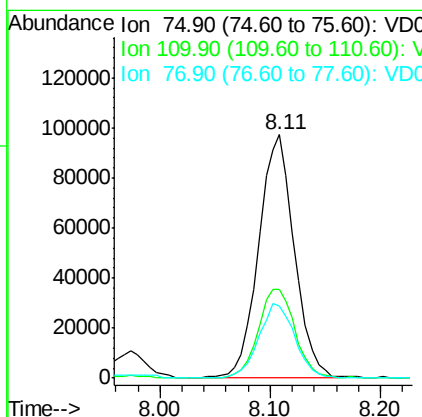
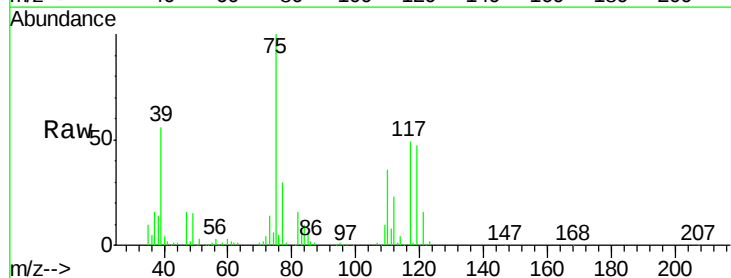
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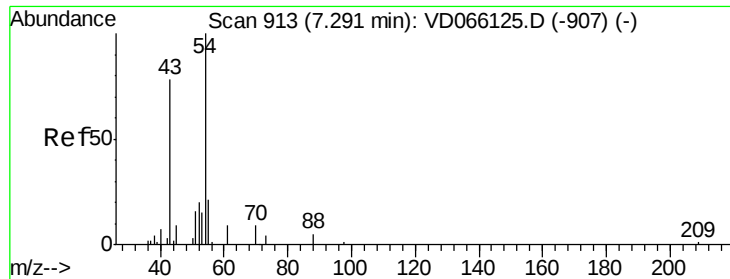
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#36
 1,1-Dichloropropene
 Concen: 47.032 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219908		
110	37.7	18.8	56.3	
77	31.0	24.2	36.2	





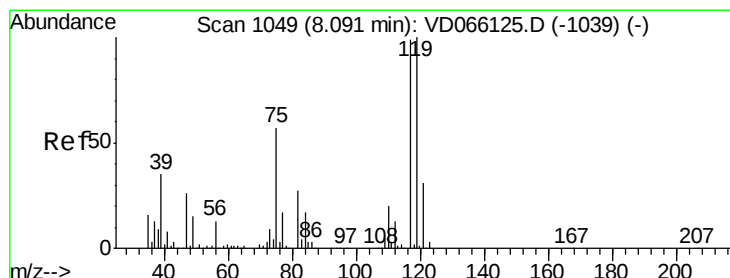
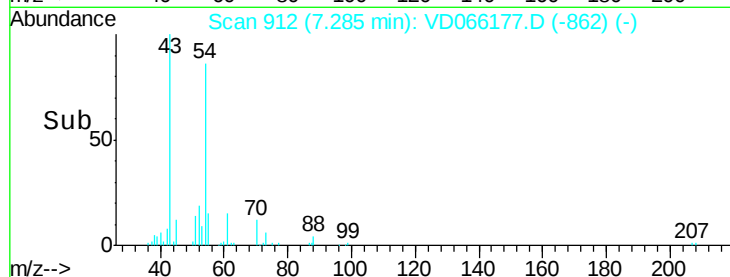
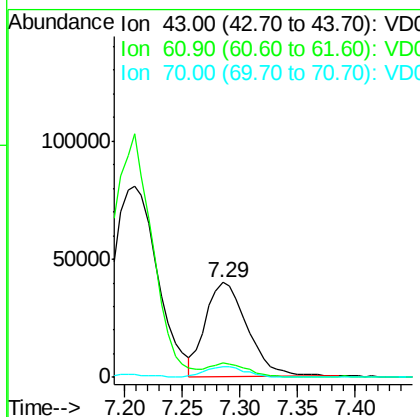
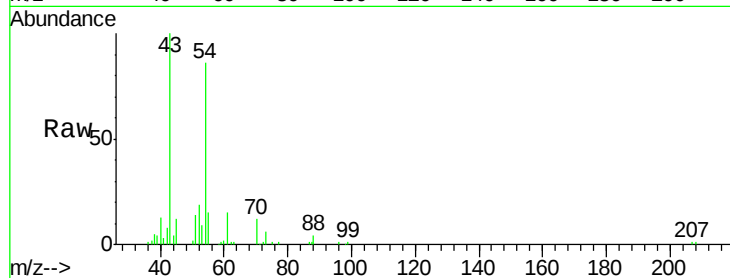
#37
Ethyl Acetate
Concen: 54.185 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.0	18.0
70	11.3	9.7	14.5

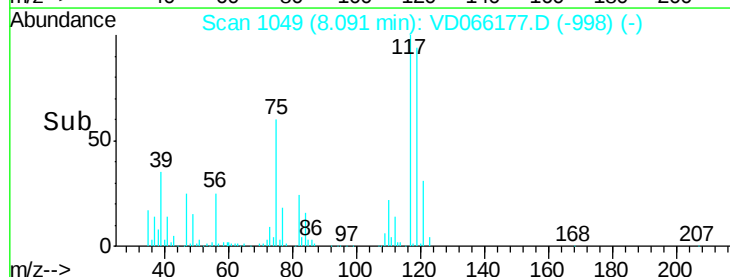
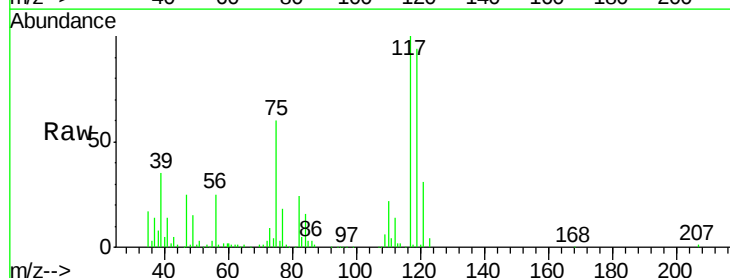
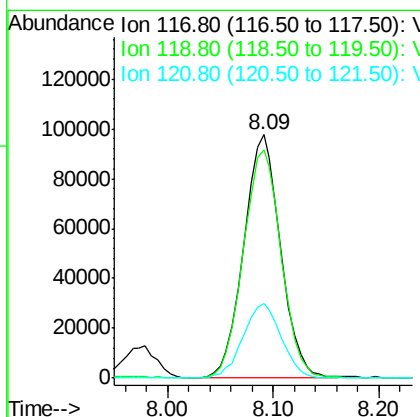
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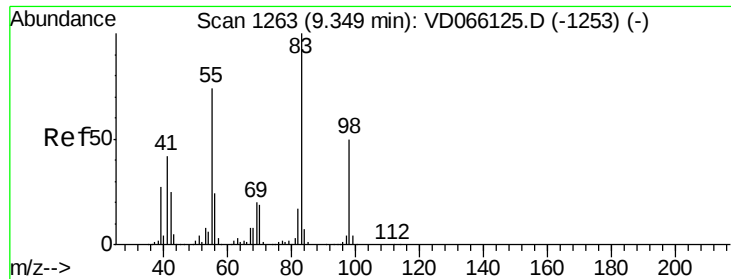
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#38
Carbon Tetrachloride
Concen: 45.395 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	81.0	121.4
121	30.7	24.8	37.2





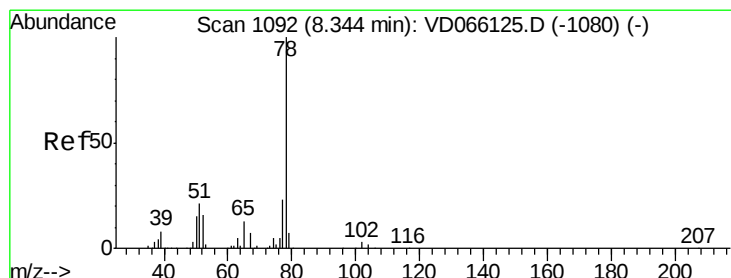
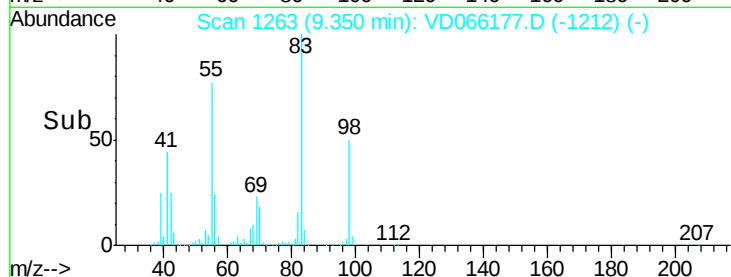
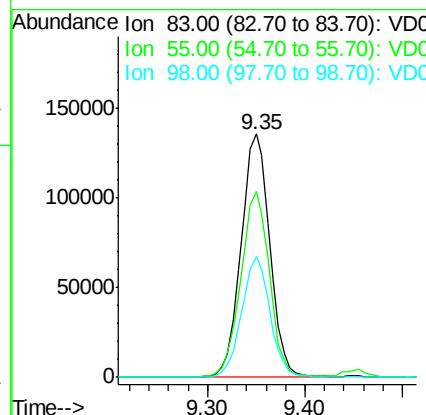
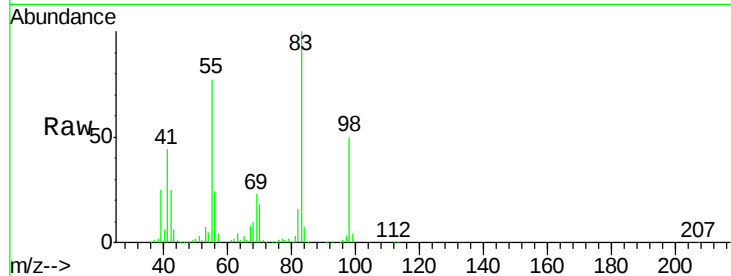
#39
Methvlcvclohexane
Concen: 49.377 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	279086		
55	76.6		59.2	88.8
98	49.7		39.8	59.6

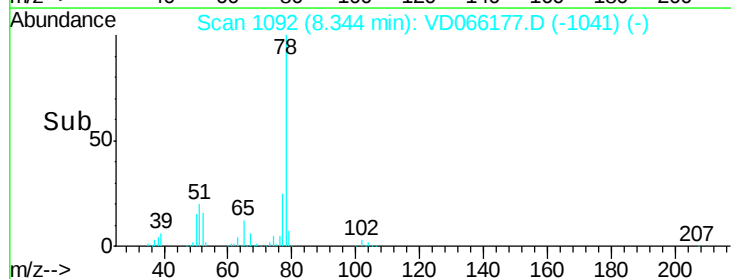
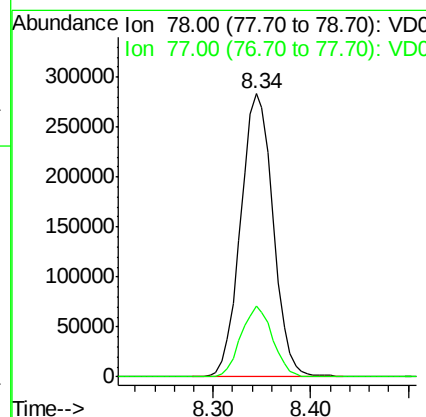
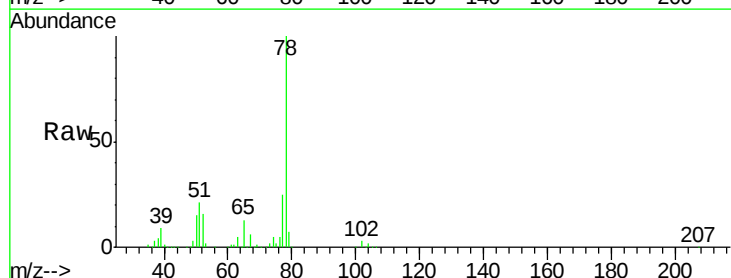
Manual Integrations
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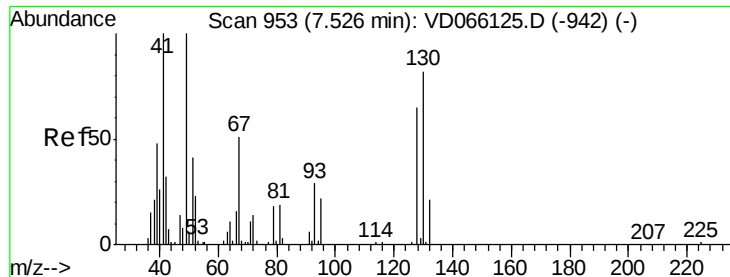
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#40
Benzene
Concen: 50.870 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	659825		
77	25.0		18.6	27.8





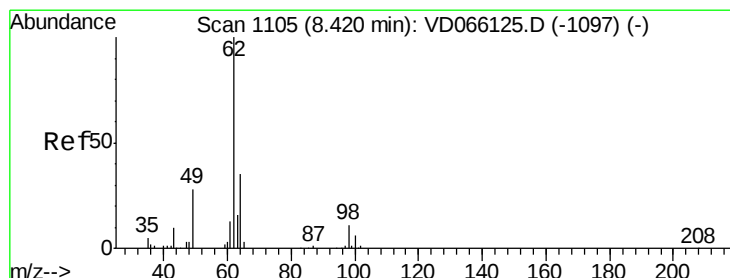
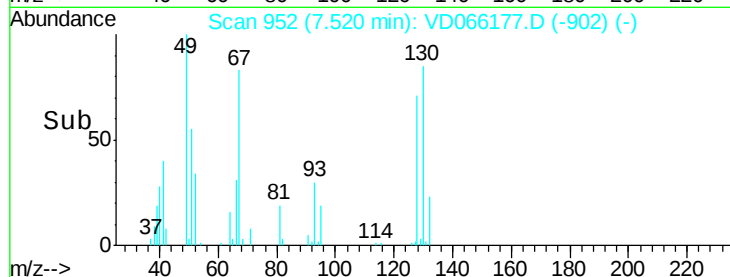
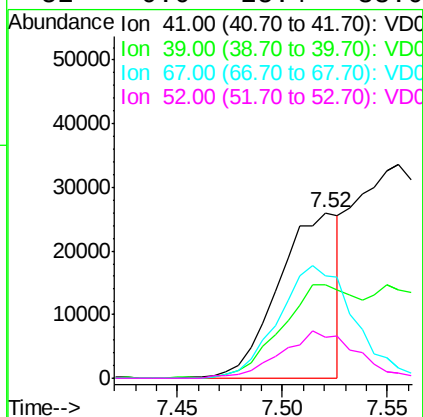
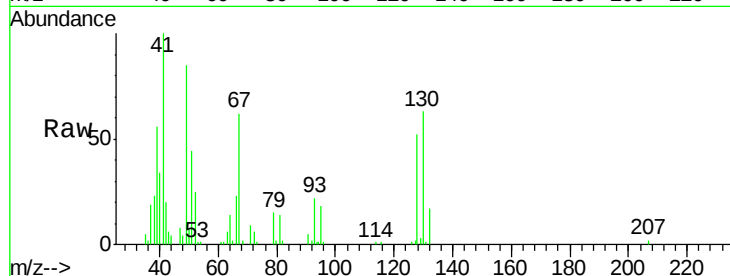
#41
Methacrylonitrile
Concen: 48.284 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	52594
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	0.0	59.1	88.7#
52	0.0	25.4	38.0#

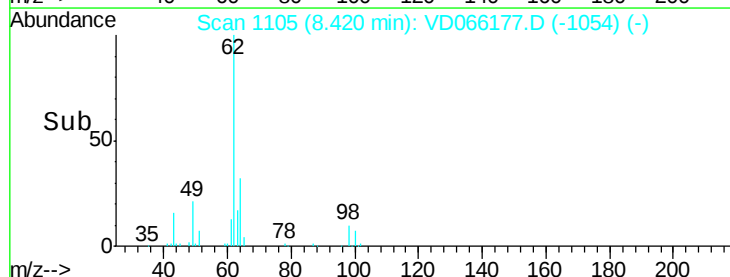
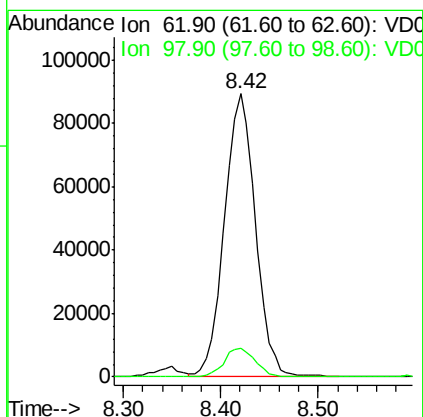
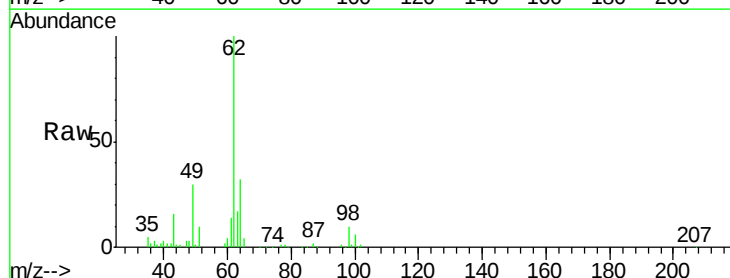
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#42
1,2-Dichloroethane
Concen: 51.675 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	62	Resp	196904
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





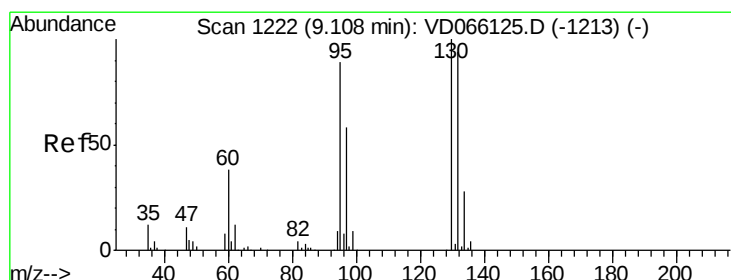
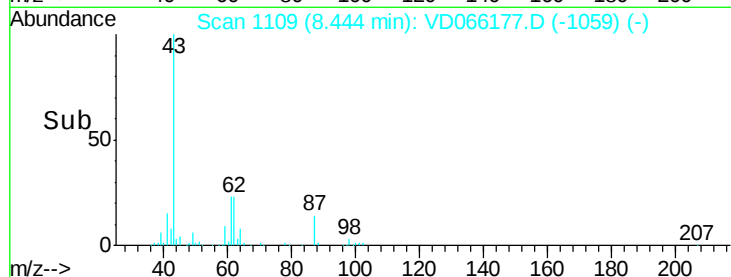
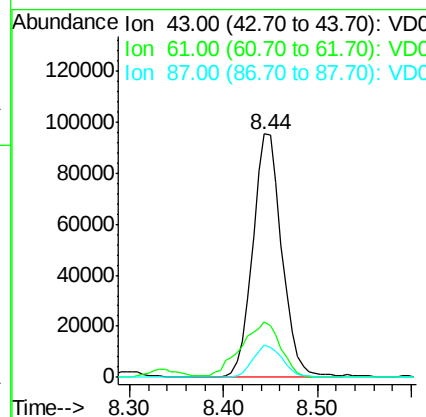
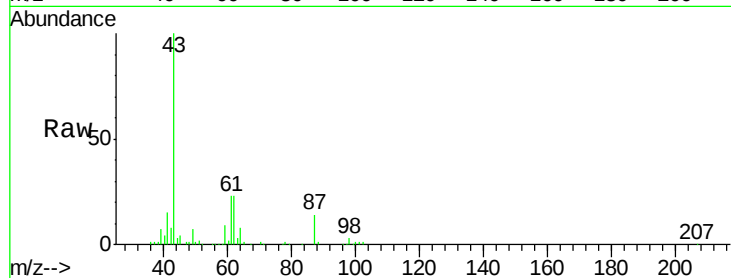
#43
Isopropyl Acetate
Concen: 55.982 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.5	38.3
87	13.5	11.2	16.8

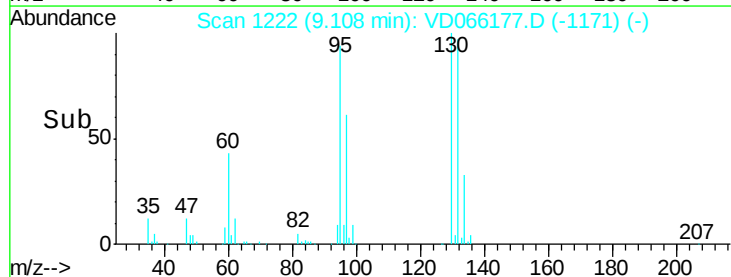
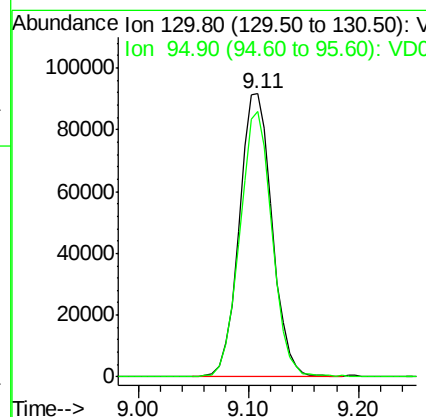
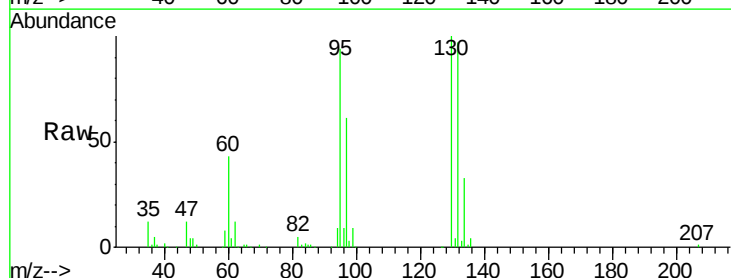
Manual Integrations
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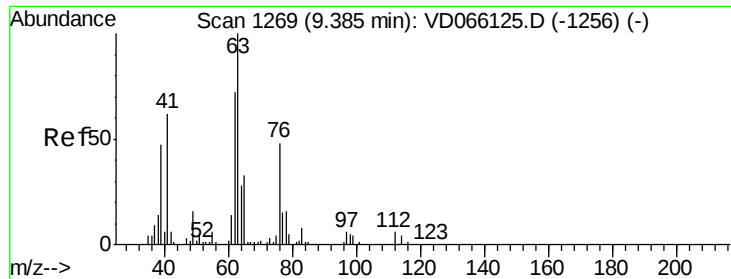
MMDadoda
8/11/2020 3:19:31 PM



#44
Trichloroethene
Concen: 49.056 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	178.4





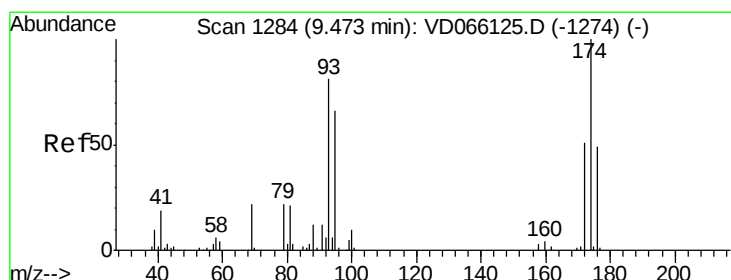
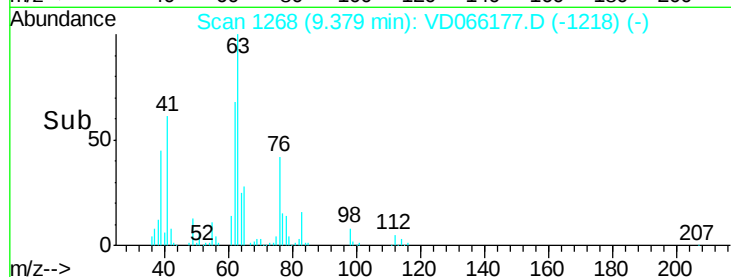
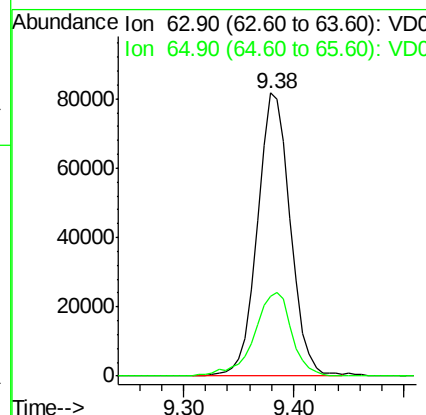
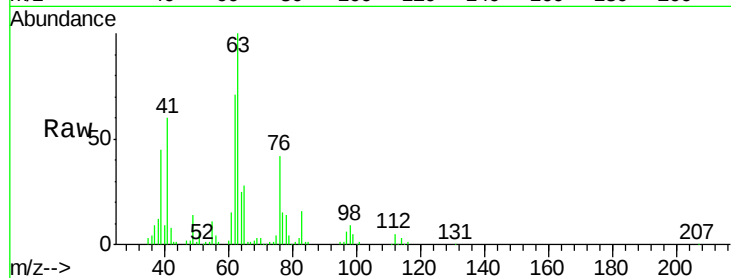
#45
 1,2-Dichloropropane
 Concen: 53.894 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	26.5	39.7

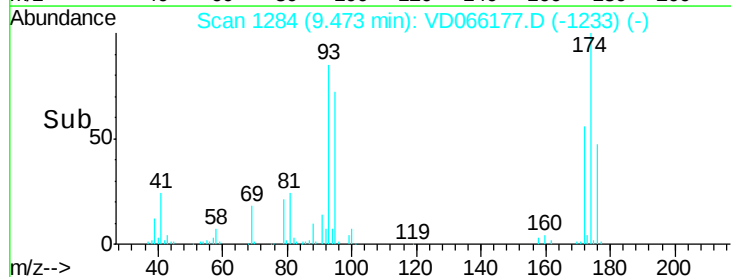
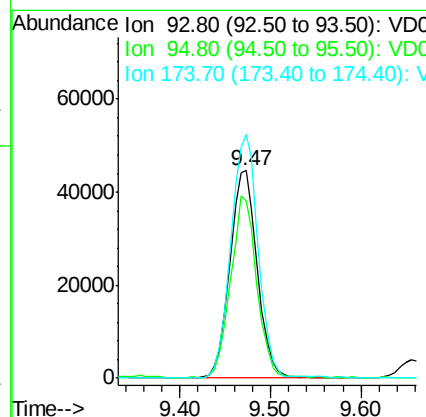
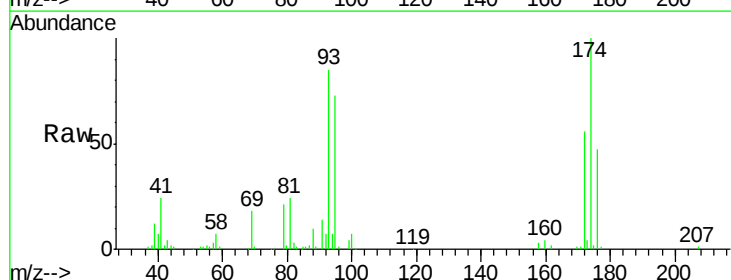
Manual Integrations
 APPROVED

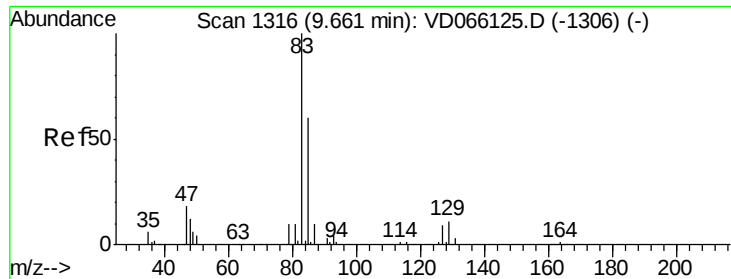
MMDadoda
 8/11/2020 3:19:31 PM



#46
 Dibromomethane
 Concen: 53.604 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.8	98.6
174	116.0	92.8	139.2





#47

Bromodichloromethane

Concen: 52.406 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

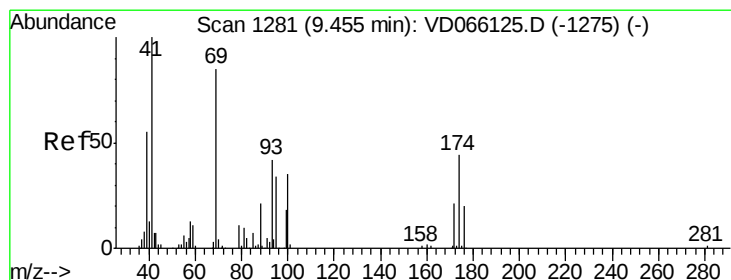
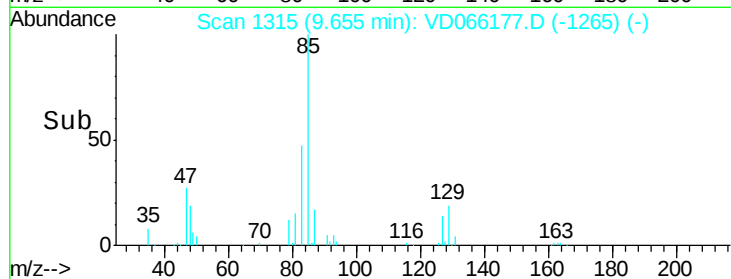
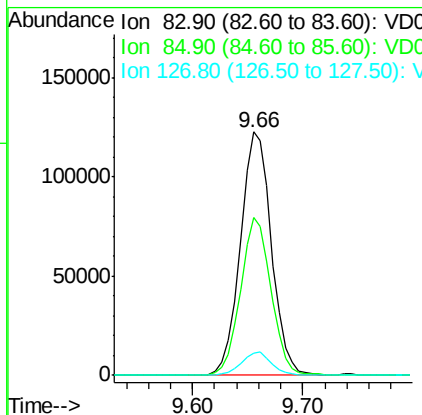
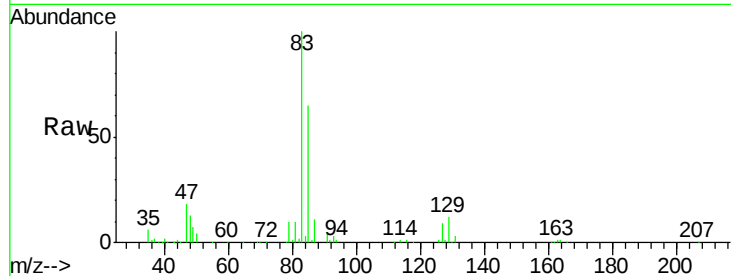
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	242025
Ion Ratio	Lower	Upper	
83	100		
85	65.0	48.2	72.4
127	9.1	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.499 ug/l

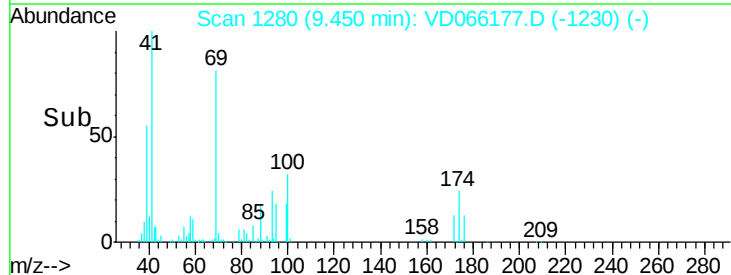
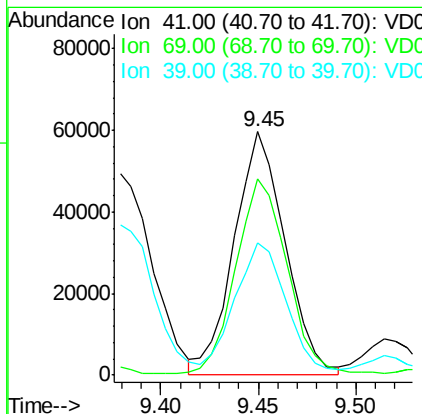
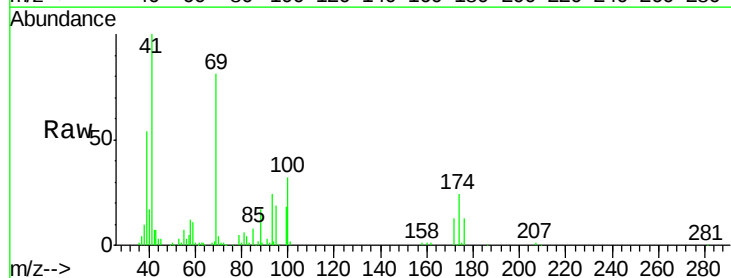
RT: 9.45 min Scan# 1280

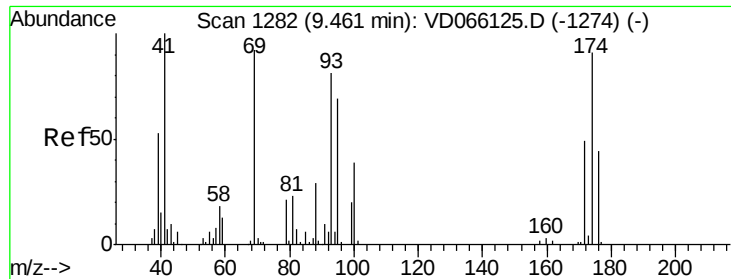
Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion:	41	Resp:	107167
Ion Ratio	Lower	Upper	
41	100		
69	82.8	63.9	95.9
39	50.5	42.6	64.0





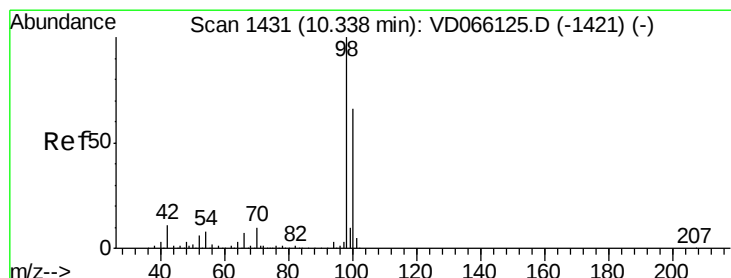
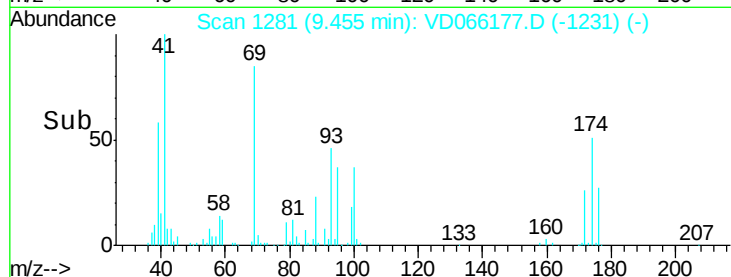
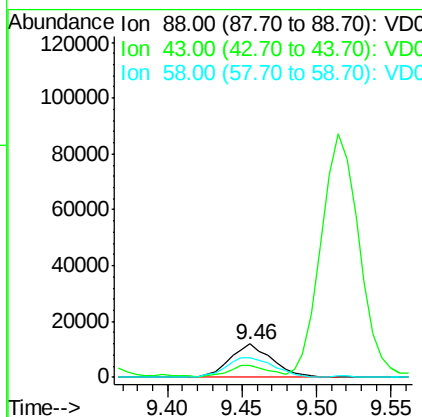
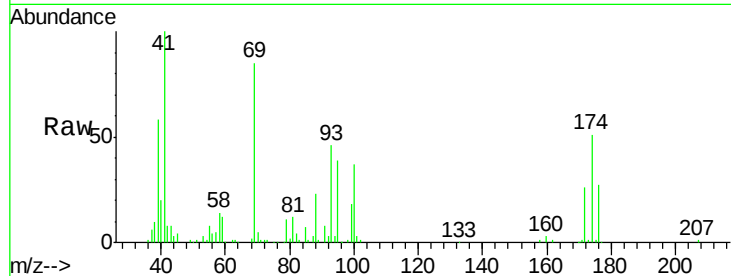
#49
1,4-Dioxane
Concen: 1044.301 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	27.5	41.3
58	67.9	50.2	75.4

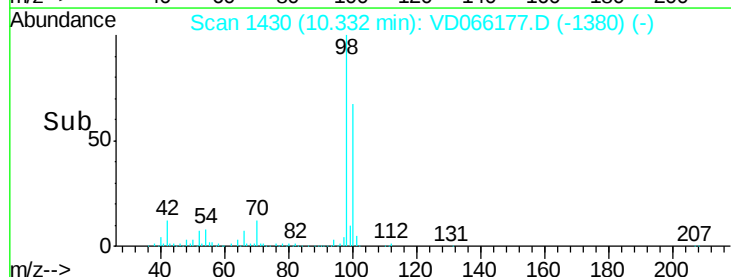
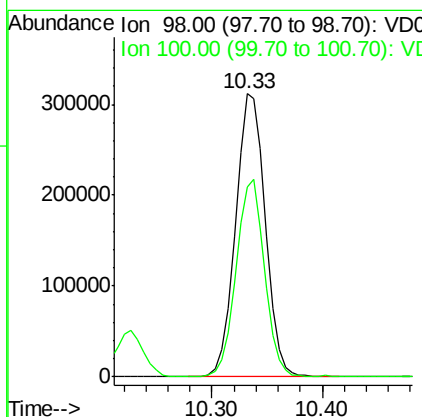
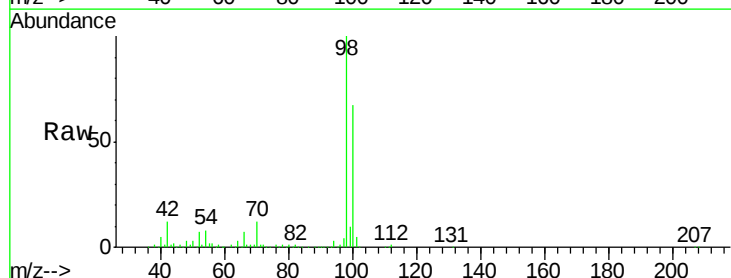
Manual Integrations
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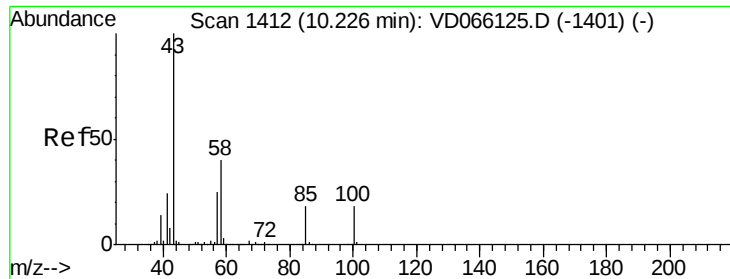
MMDadoda
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#50
Toluene-d8
Concen: 50.658 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 280.842 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 526553

Ion Ratio Lower Upper

43 100

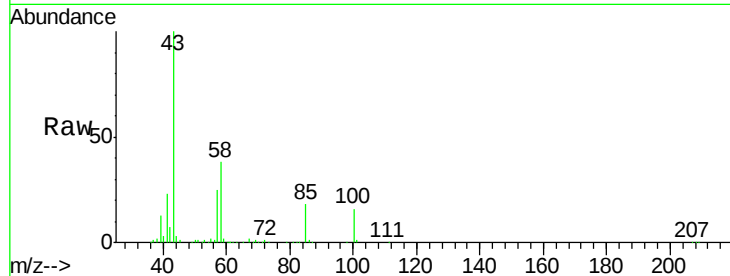
58 39.6 31.1 46.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.22

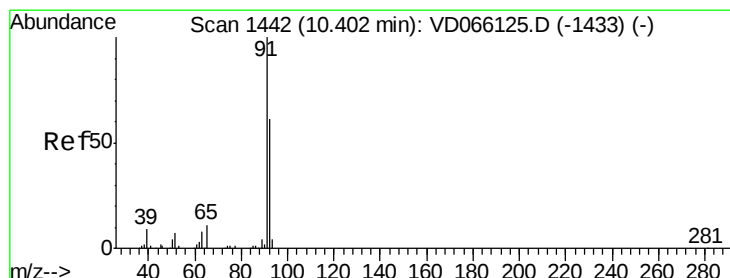
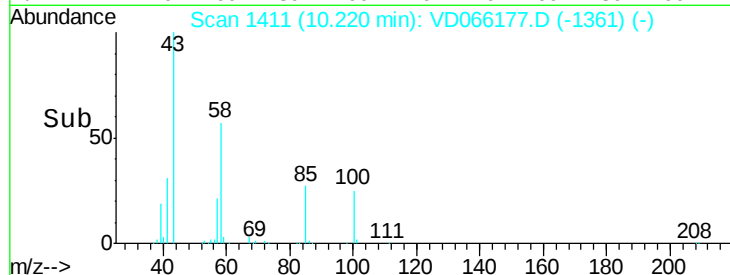
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.464 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066177.D

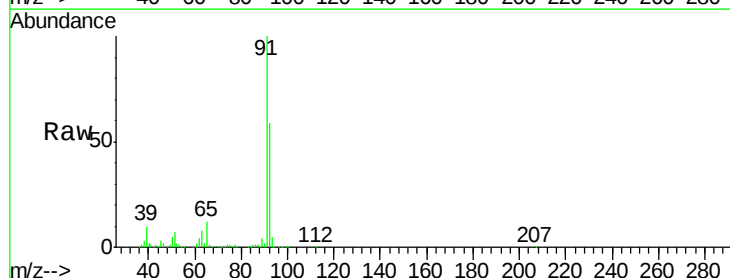
Acq: 10 Aug 2020 21:35

Tgt Ion: 92 Resp: 430706

Ion Ratio Lower Upper

92 100

91 170.1 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

400000

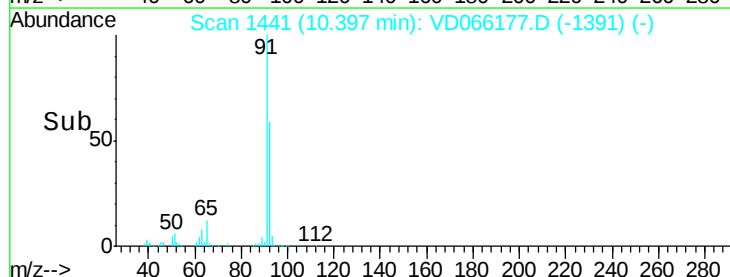
300000

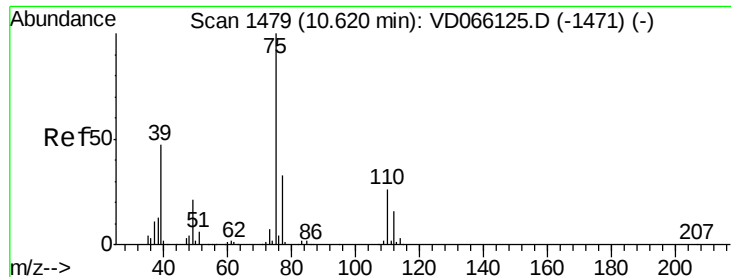
200000

100000

0

Time-->





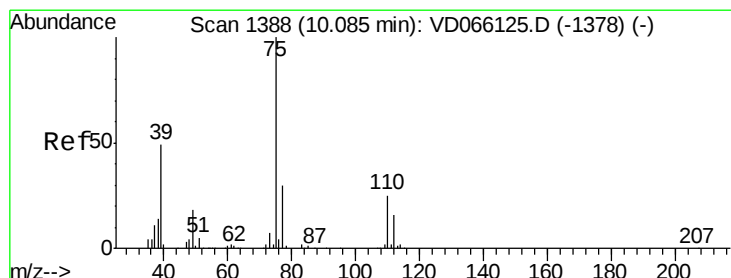
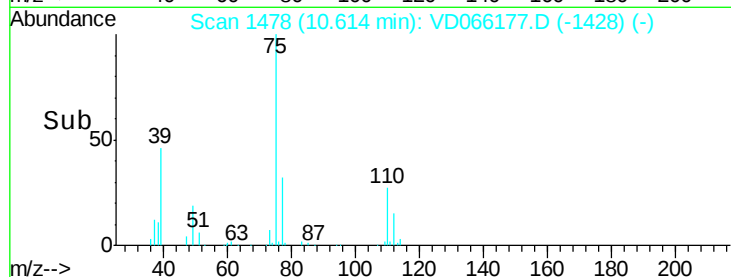
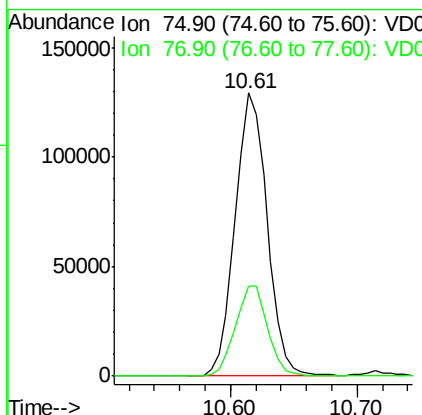
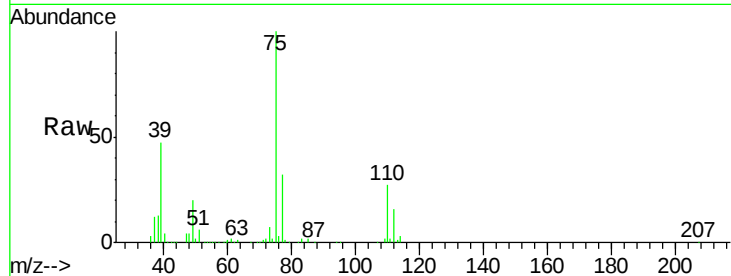
#53
 t-1,3-Dichloropropene
 Concen: 51.657 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 226404
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2

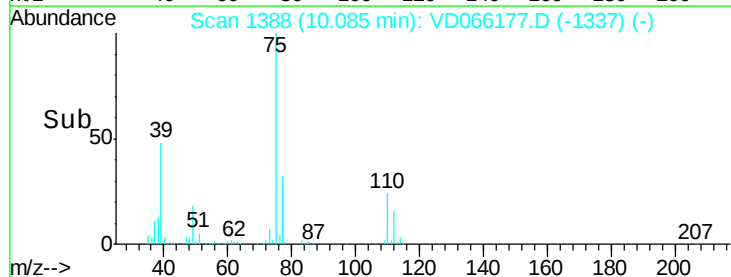
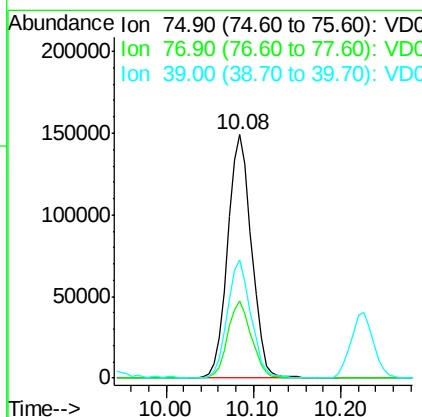
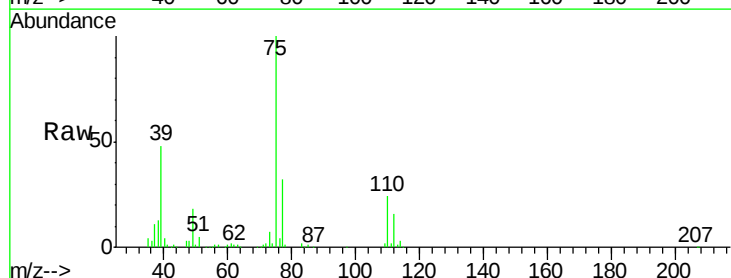
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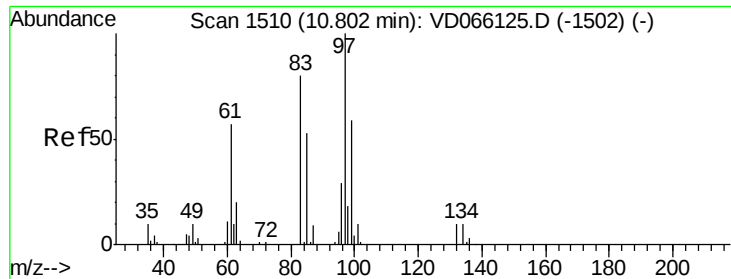
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#54
 cis-1,3-Dichloropropene
 Concen: 54.004 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion: 75 Resp: 277315
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.3 36.5
 39 48.5 39.3 58.9





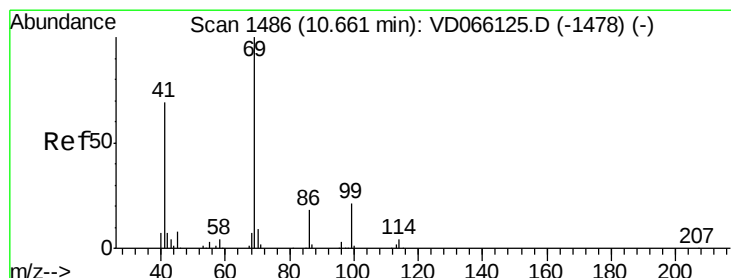
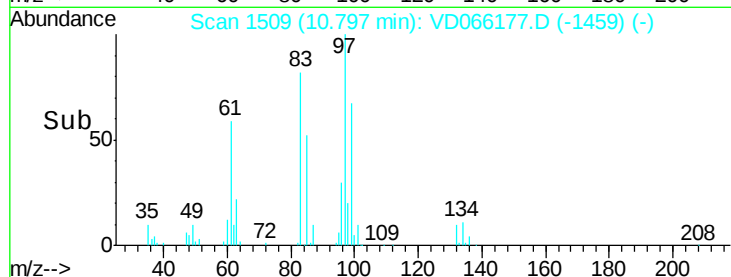
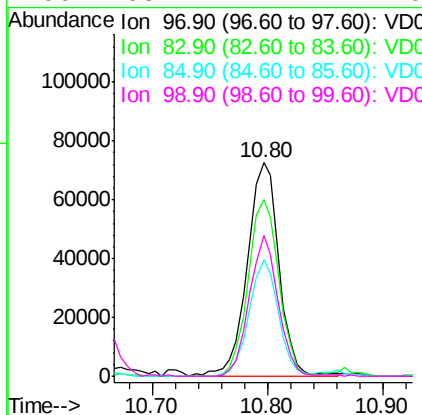
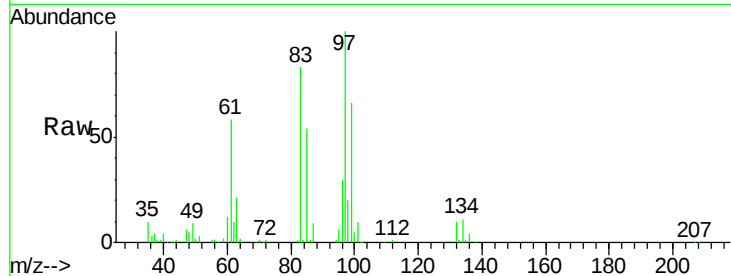
#55
 1,1,2-Trichloroethane
 Concen: 55.275 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		139081		
83	82.7	63.9	95.9		
85	54.5	42.5	63.7		
99	65.7	47.4	71.0		

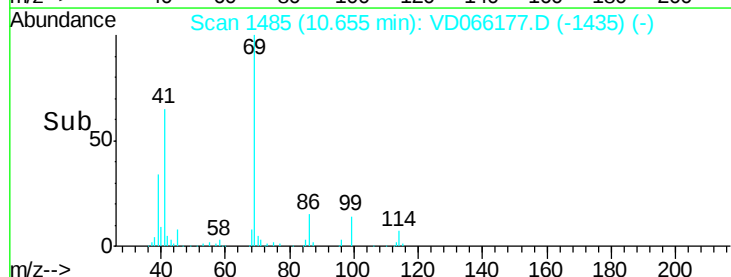
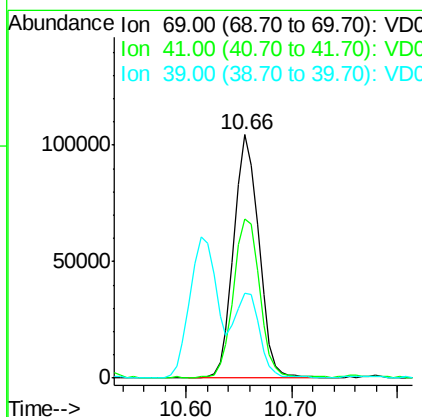
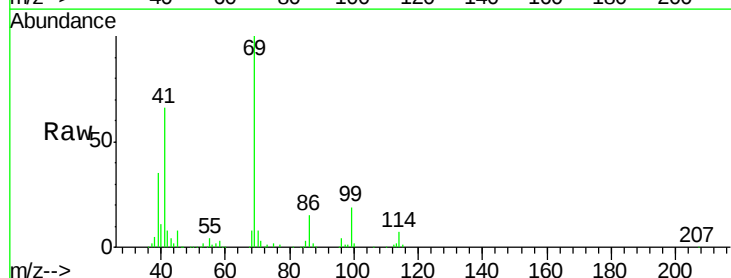
Manual Integrations
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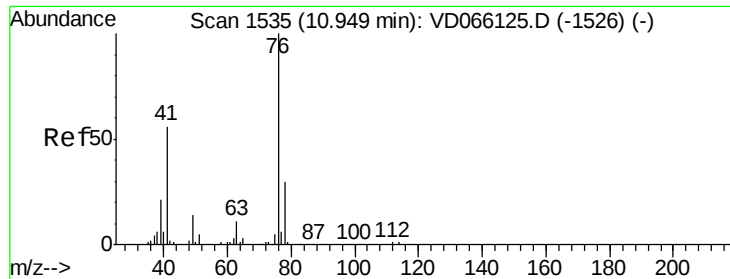
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#56
 Ethyl methacrylate
 Concen: 56.916 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		172036		
41	69.0	54.1	81.1		
39	34.8	28.6	43.0		





#57

1,3-Dichloropropane

Concen: 52.960 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 221223

Ion Ratio Lower Upper

76 100

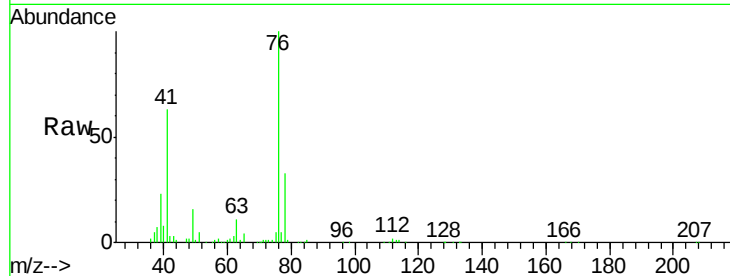
78 32.3 25.5 38.3

Manual Integrations

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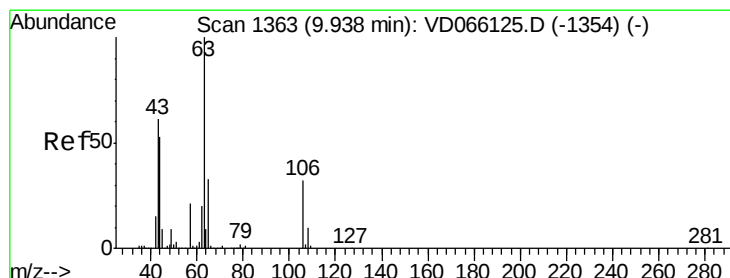
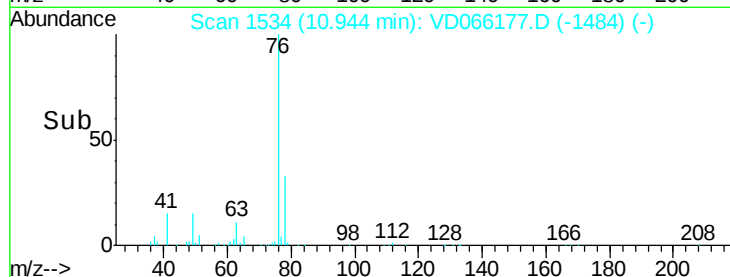
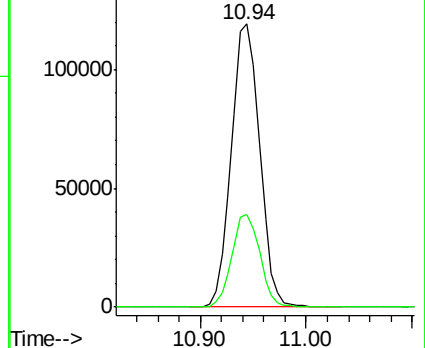
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 307.622 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066177.D

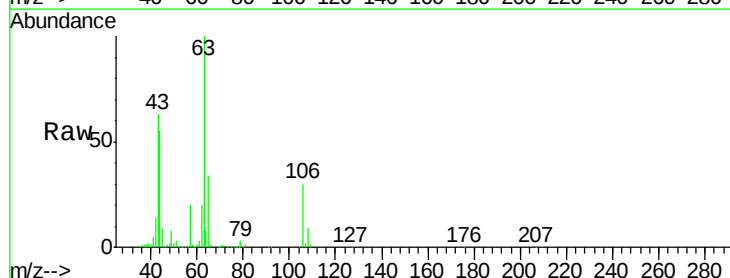
Acq: 10 Aug 2020 21:35

Tgt Ion: 63 Resp: 418248

Ion Ratio Lower Upper

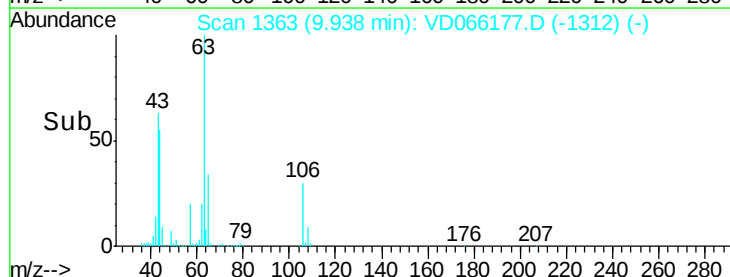
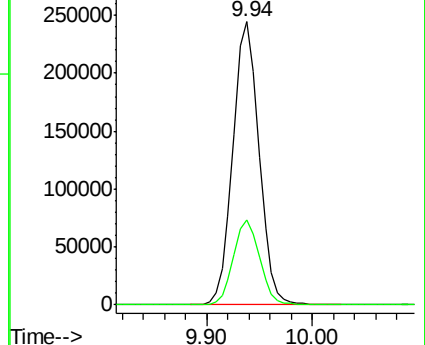
63 100

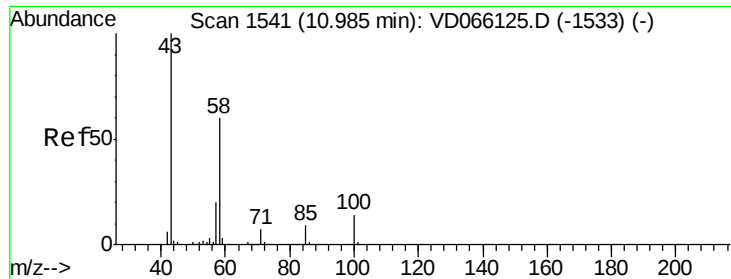
106 30.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





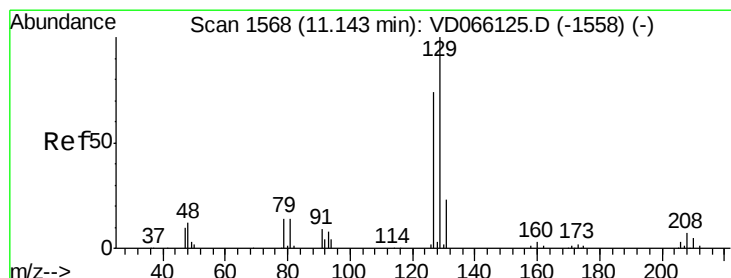
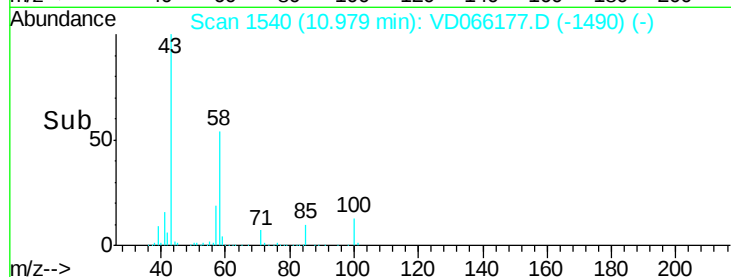
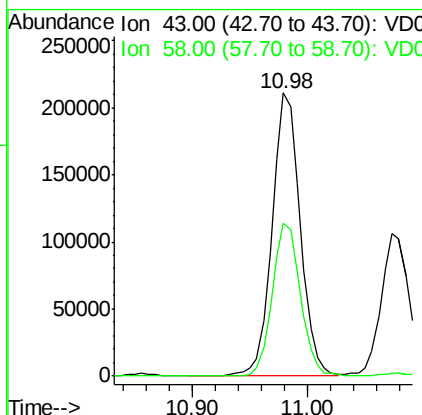
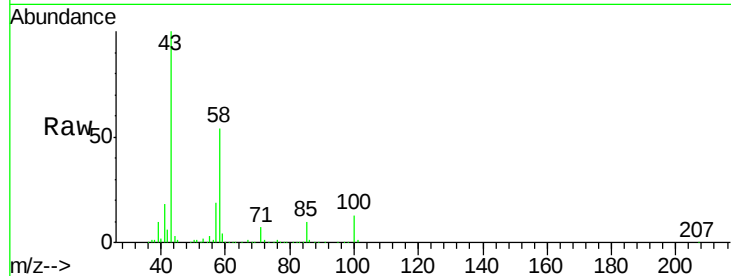
#59
2-Hexanone
Concen: 271.928 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 357815
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4

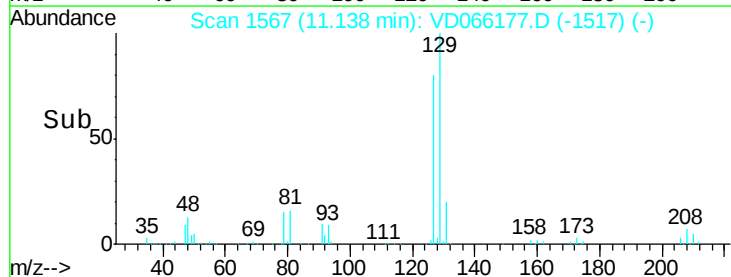
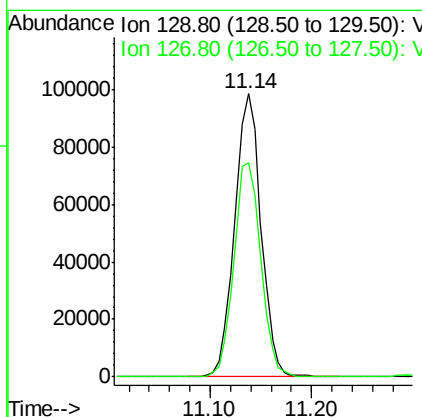
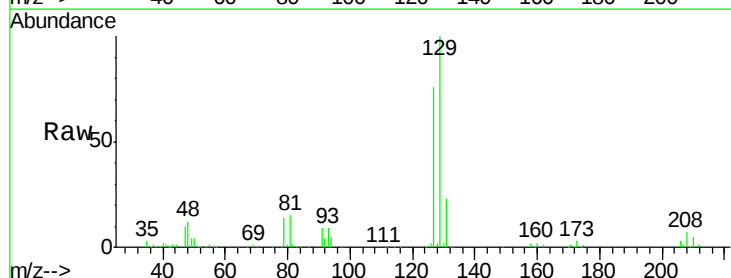
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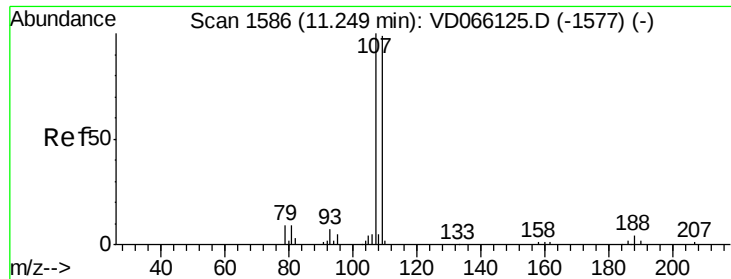
MMDadoda
8/11/2020 3:19:31 PM



#60
Dibromochloromethane
Concen: 51.256 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 129 Resp: 178049
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.1





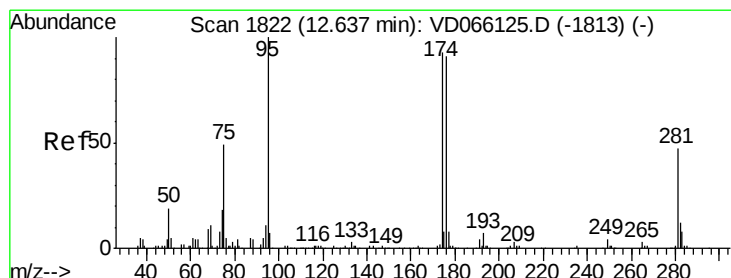
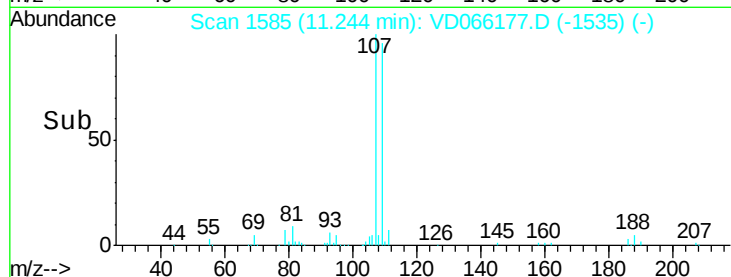
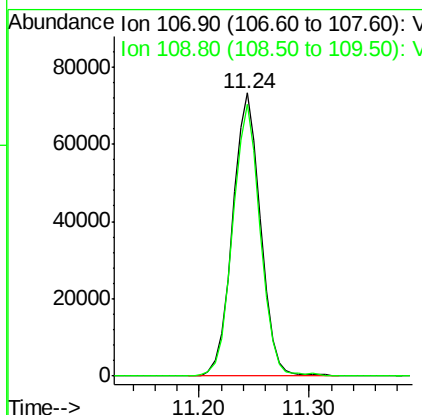
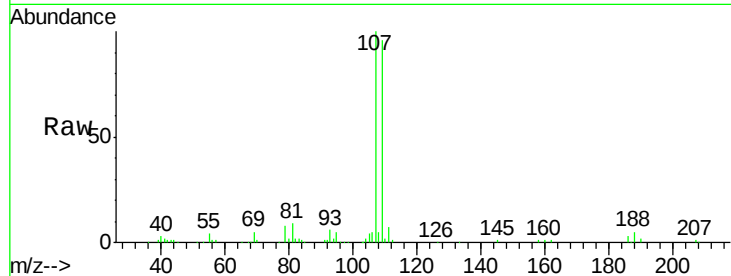
#61
 1,2-Dibromoethane
 Concen: 53.599 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.5	114.7

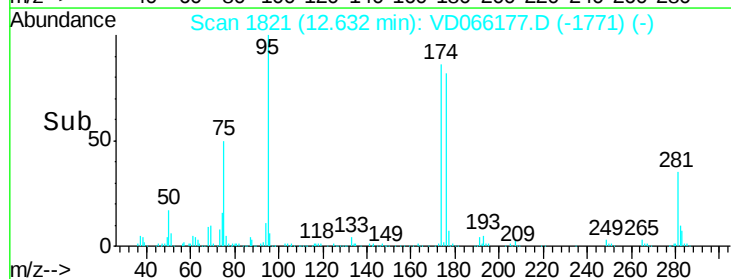
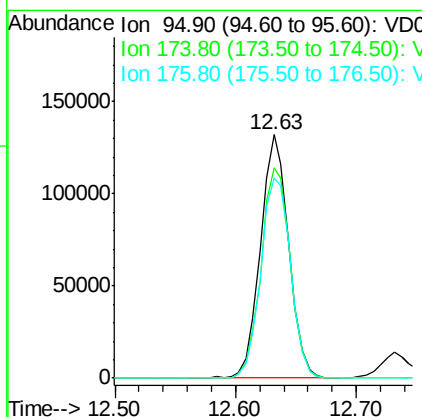
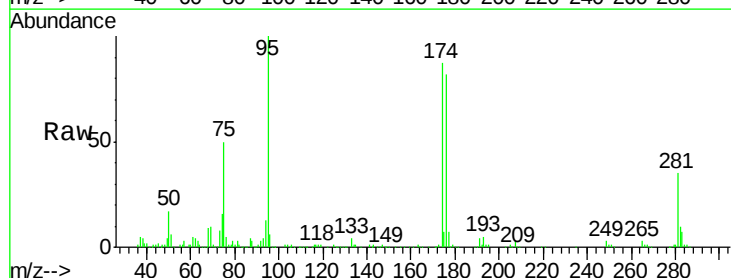
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 8/11/2020 3:19:31 PM



#62
 4-Bromofluorobenzene
 Concen: 51.286 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	180.8
176	86.6	0.0	181.2





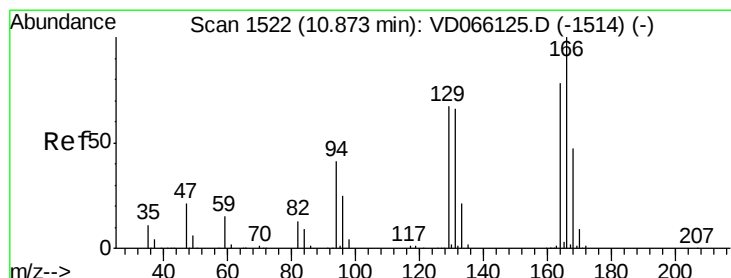
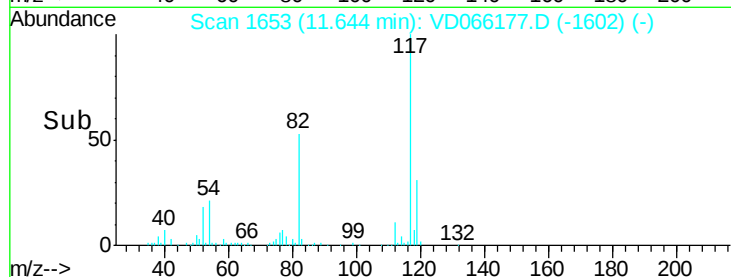
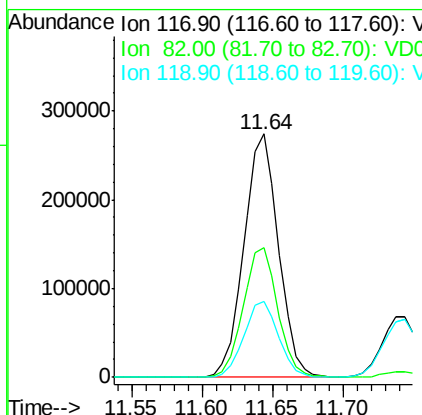
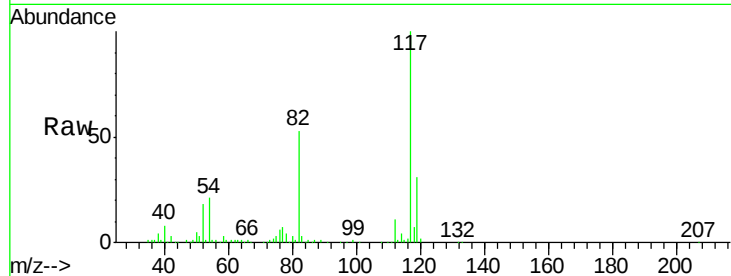
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	469301		
82	53.2	43.0	64.4	
119	31.2	26.1	39.1	

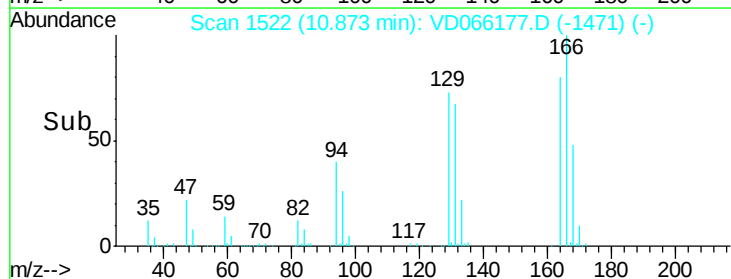
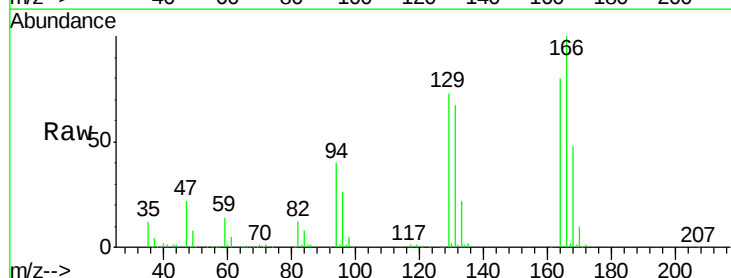
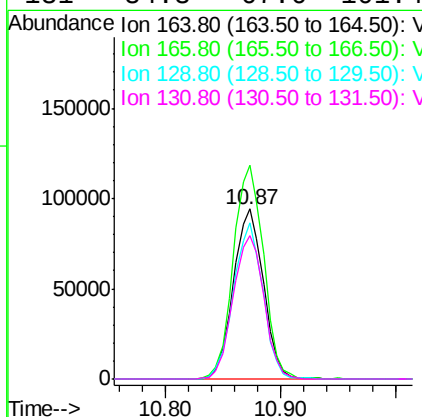
Manual Integrations
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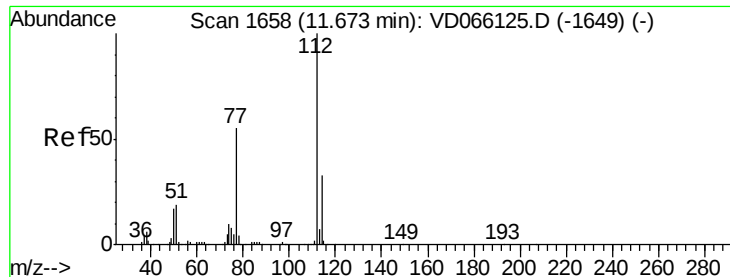
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#64
Tetrachloroethene
Concen: 47.187 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170048		
166	125.7	101.9	152.9	
129	92.0	68.1	102.1	
131	84.3	67.6	101.4	





#65

Chlorobenzene

Concen: 49.912 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 475514

Ion Ratio Lower Upper

112 100

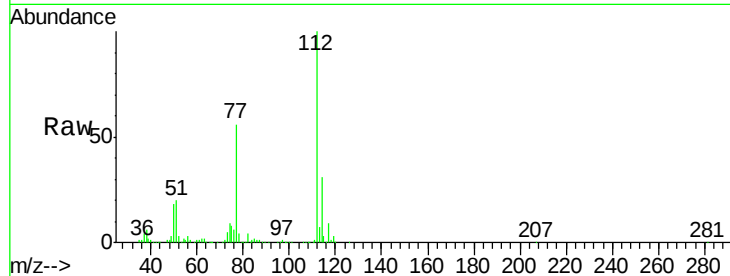
114 31.3 26.1 39.1

Manual Integrations

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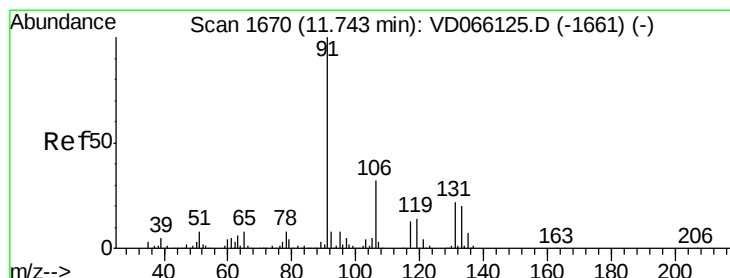
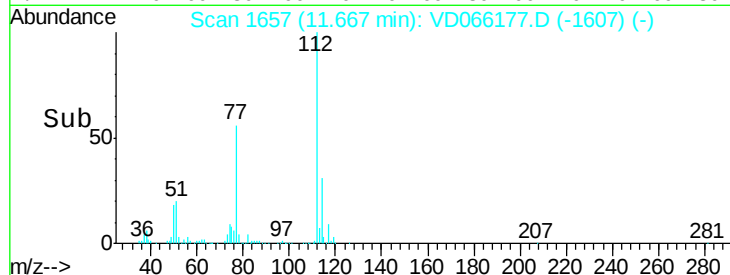
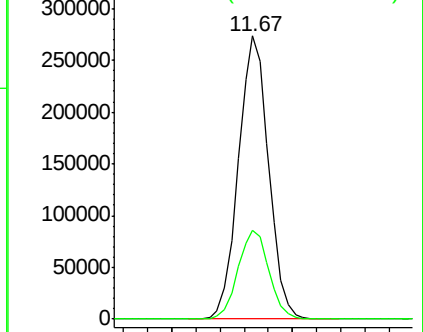
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.021 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

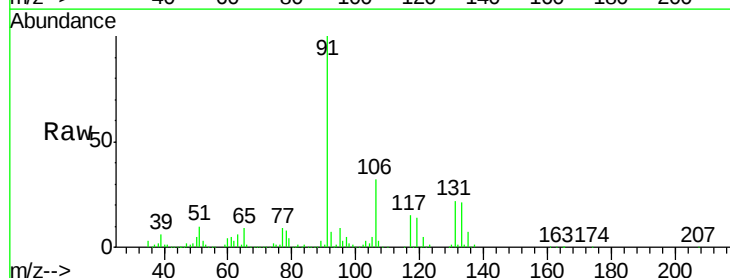
Tgt Ion:131 Resp: 182732

Ion Ratio Lower Upper

131 100

133 98.1 47.1 141.4

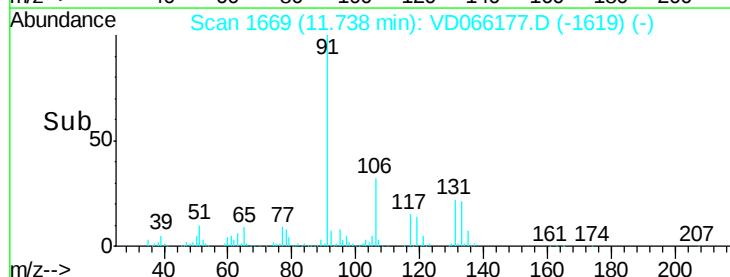
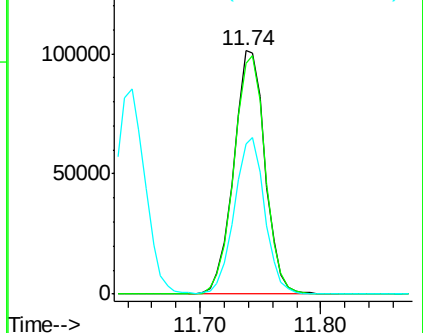
119 62.8 31.6 94.7

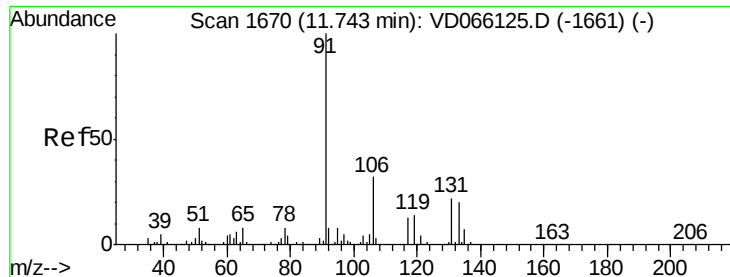


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





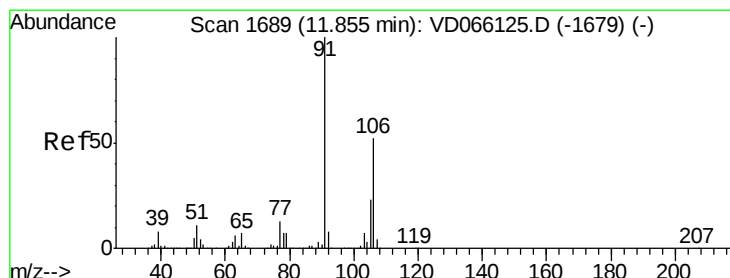
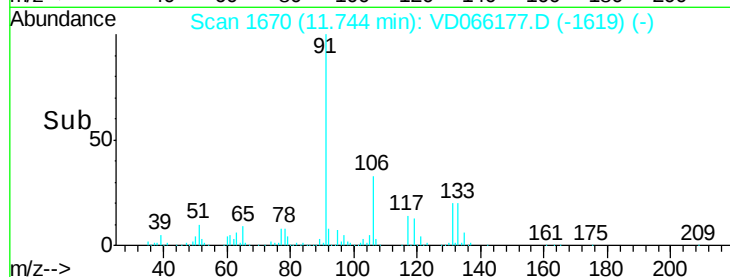
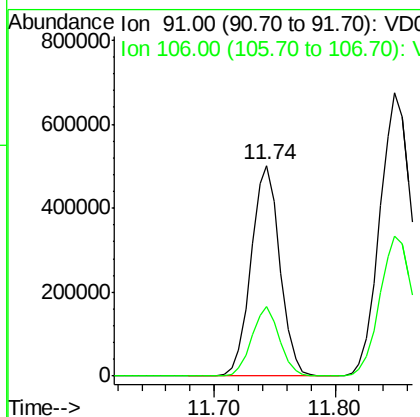
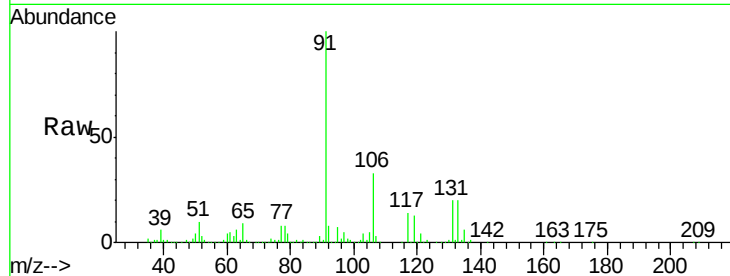
#67
Ethyl Benzene
Concen: 50.364 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 831484
Ion Ratio Lower Upper
91 100
106 33.2 25.7 38.5

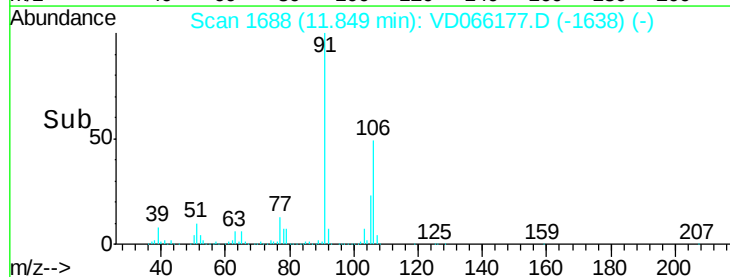
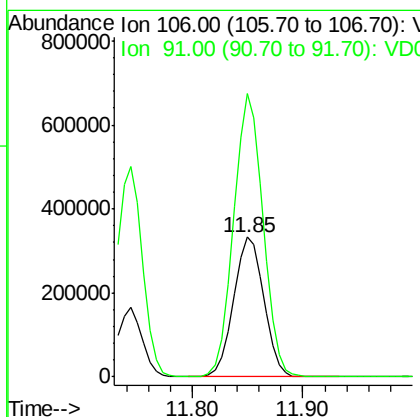
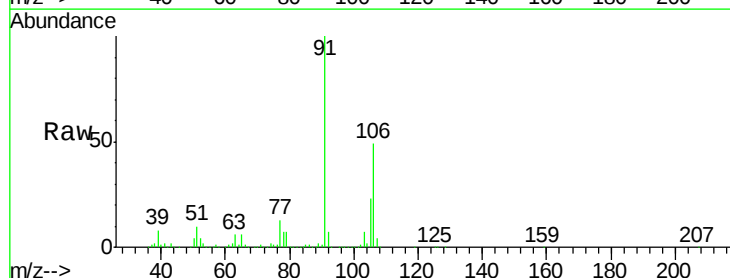
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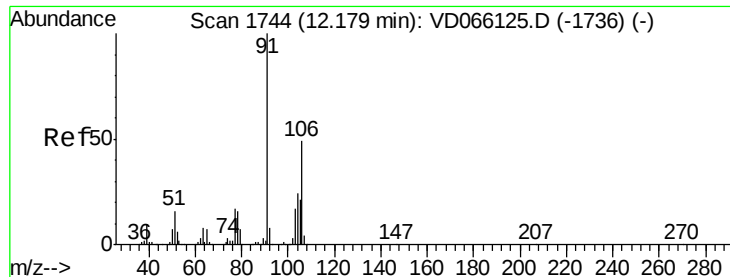
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#68
m/p-Xylenes
Concen: 99.785 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion: 106 Resp: 638262
Ion Ratio Lower Upper
106 100
91 197.5 156.6 235.0





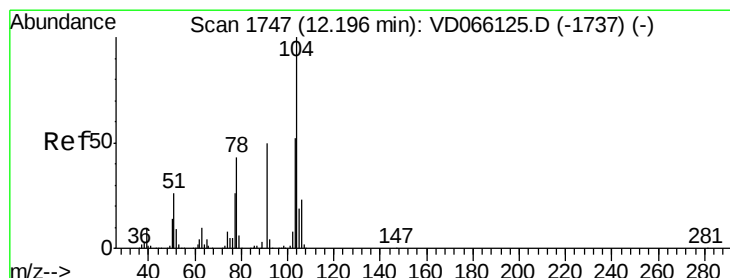
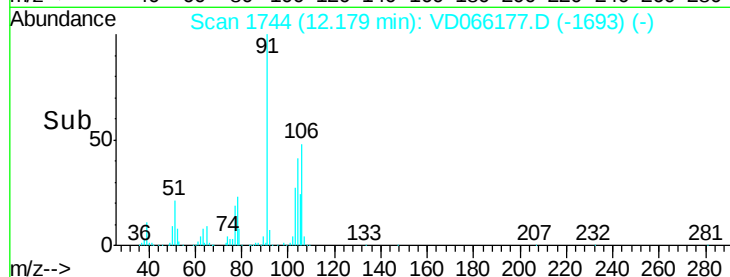
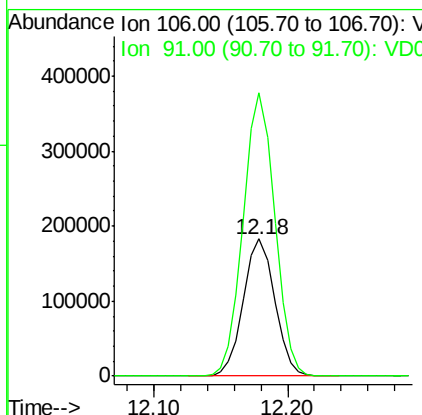
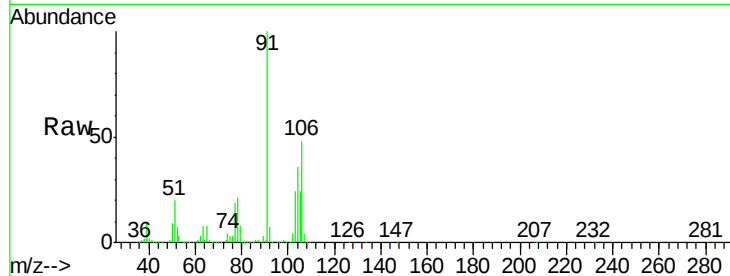
#69
o-Xylene
Concen: 51.320 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 298610
Ion Ratio Lower Upper
106 100
91 207.4 105.7 317.1

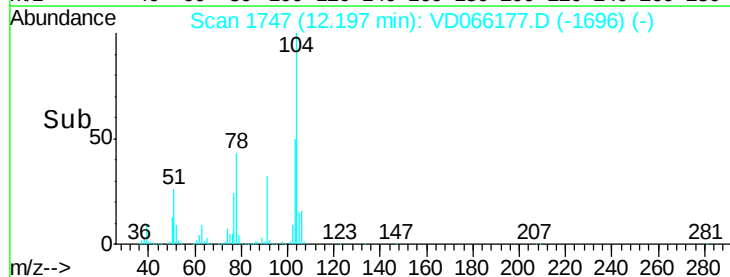
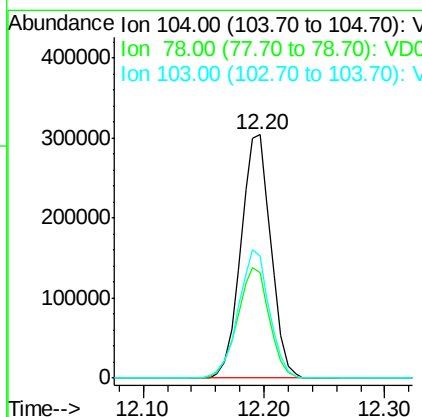
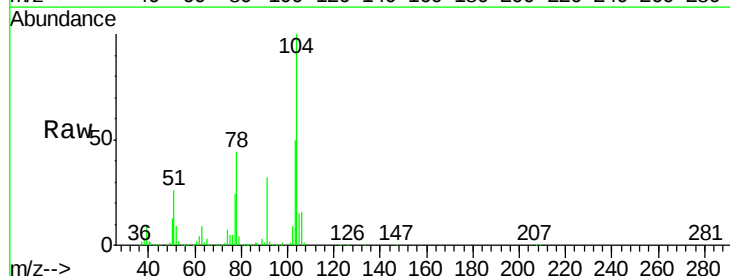
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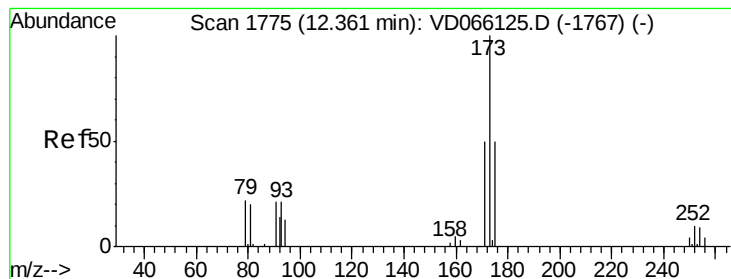
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#70
Styrene
Concen: 51.585 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion:104 Resp: 526024
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 54.2 44.1 66.1





#71

Bromoform

Concen: 48.613 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

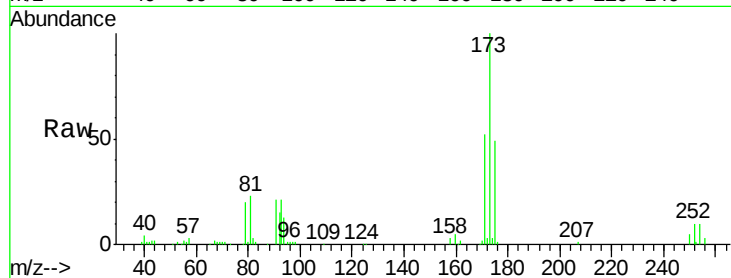
ClientSampleId :

VSTDCCC050EC

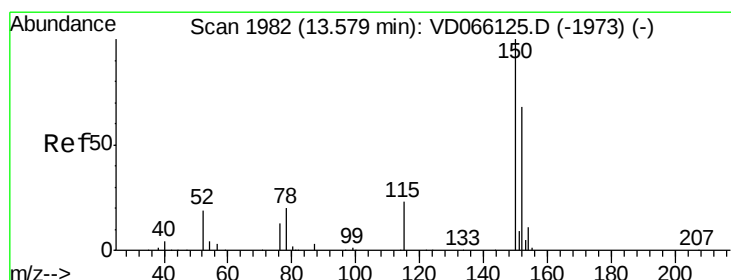
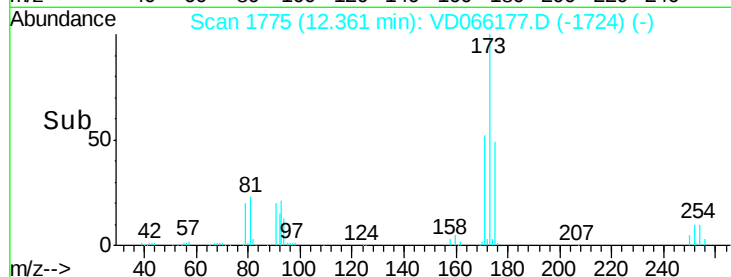
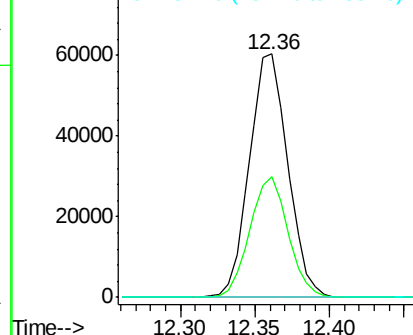
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.6
254	0.0	0.2	0.2

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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

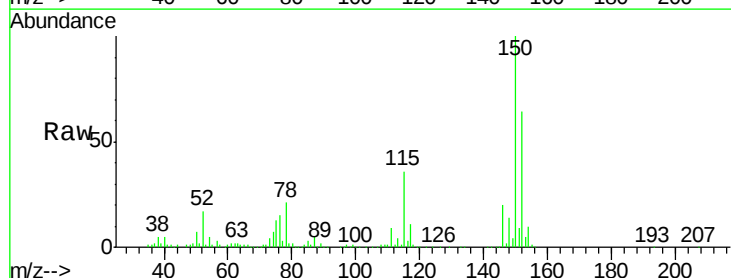
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

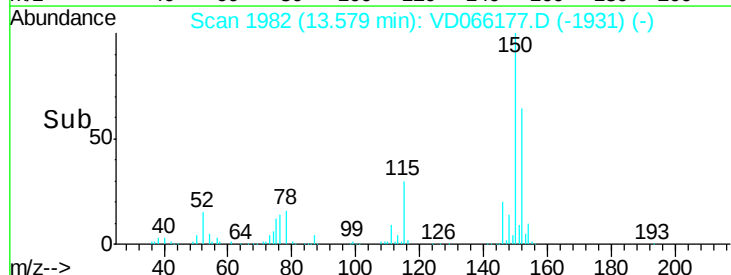
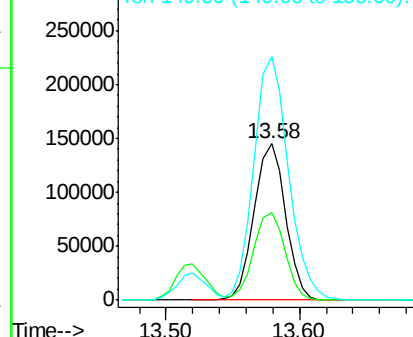
Lab File: VD066177.D

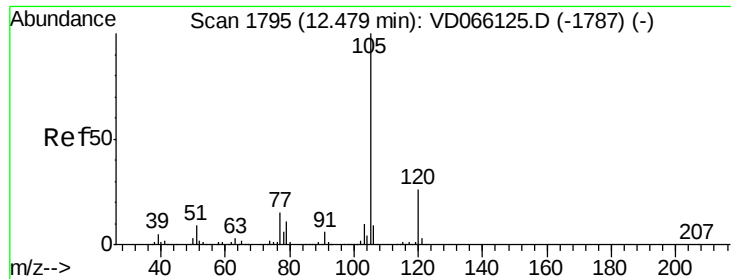
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.0	83.9
150	171.7	0.0	346.4



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: 50.824 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 799970

Ion Ratio Lower Upper

105 100

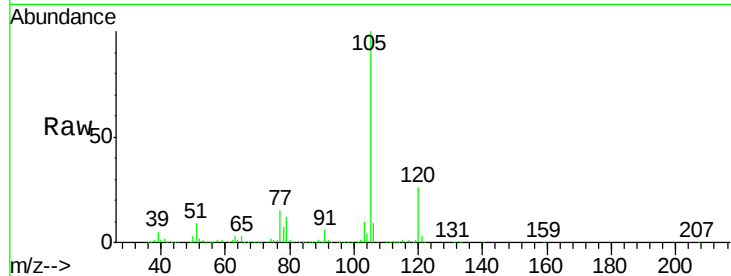
120 26.5 13.3 39.9

Manual Integrations

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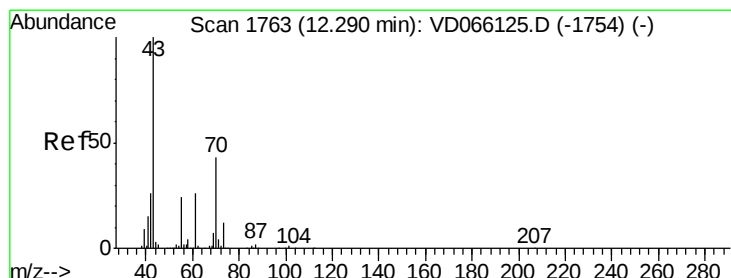
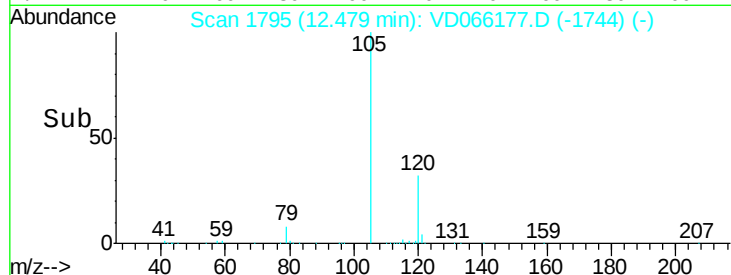
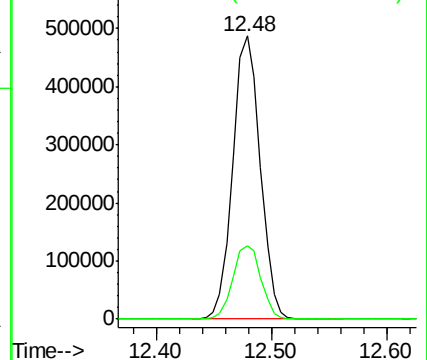
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.311 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion: 43 Resp: 195176

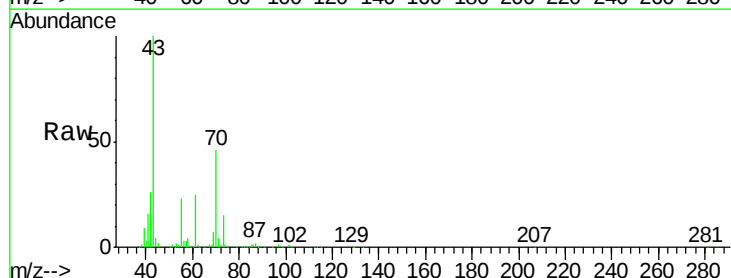
Ion Ratio Lower Upper

43 100

70 43.7 34.9 52.3

55 24.2 19.2 28.8

61 23.5 19.7 29.5

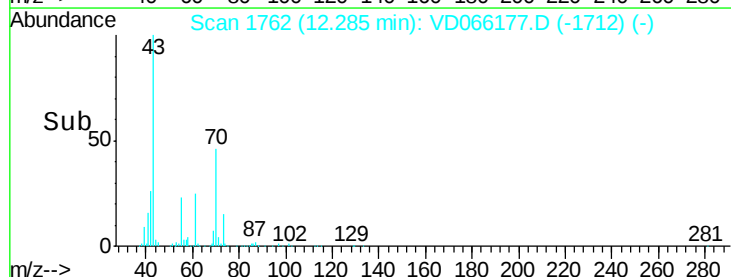
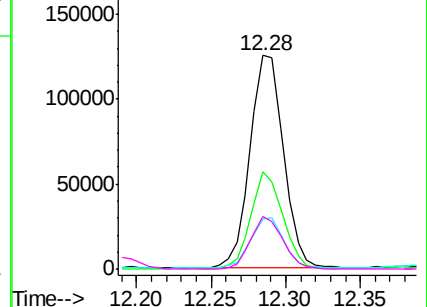


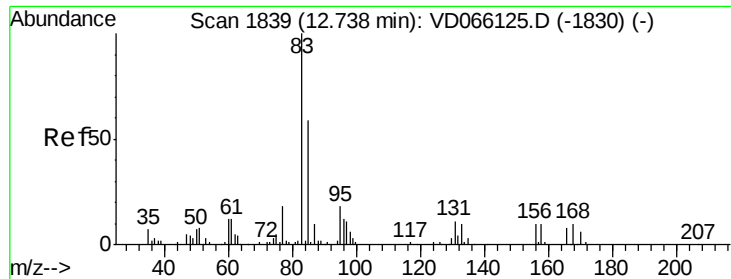
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.373 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 145932

Ion Ratio Lower Upper

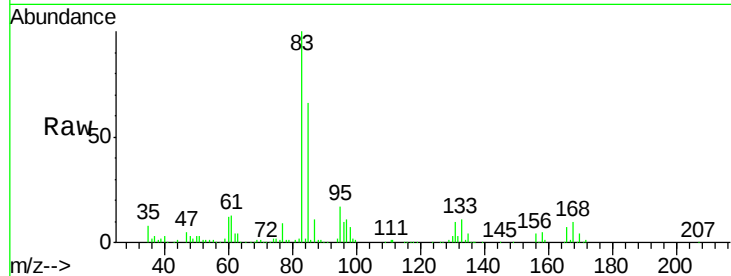
83 100

131 10.9 6.2 18.6

85 62.9 32.4 97.2

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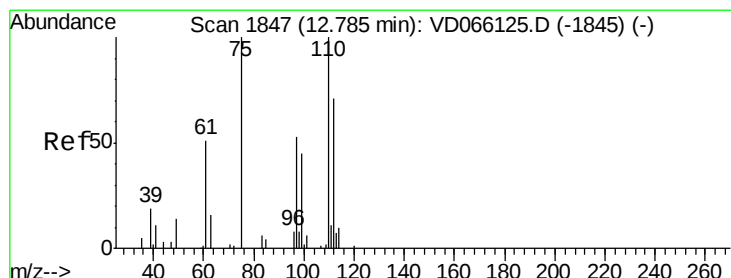
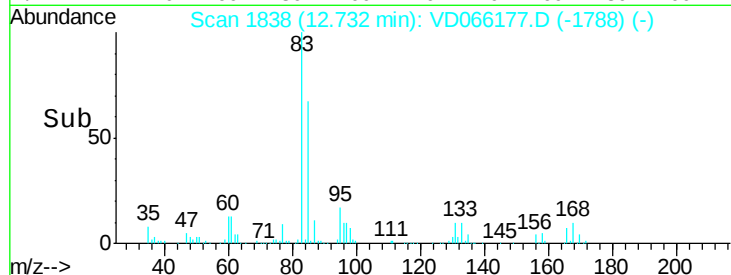
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC

12.73

Time-->



#76

1,2,3-Trichloropropane

Concen: 55.030 ug/l m

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066177.D

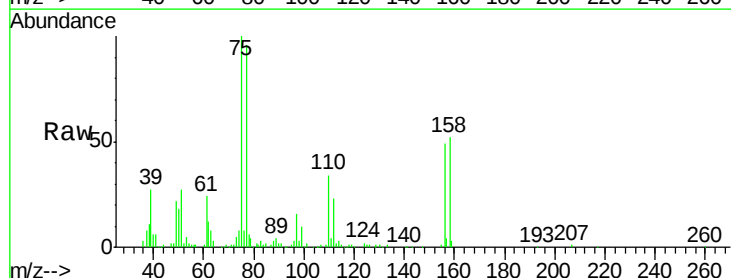
Acq: 10 Aug 2020 21:35

Tgt Ion: 75 Resp: 108209

Ion Ratio Lower Upper

75 100

77 322.0 0.0 0.0#

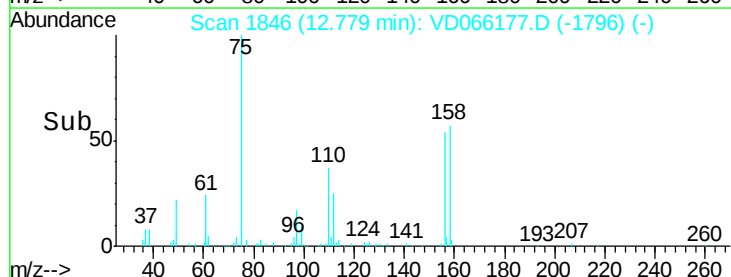


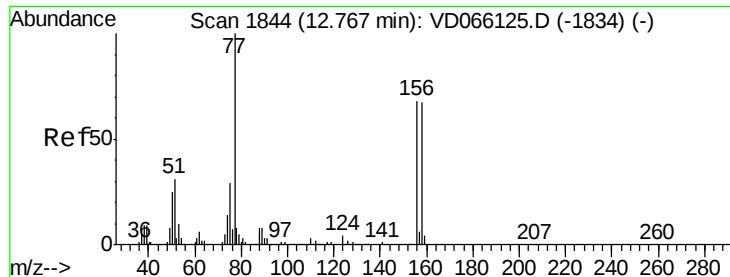
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.78

Time-->





#77

Bromobenzene

Concen: 52.090 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

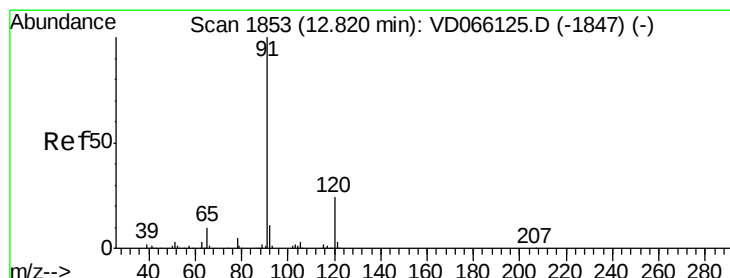
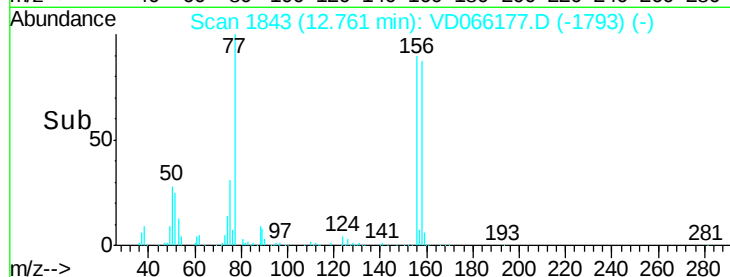
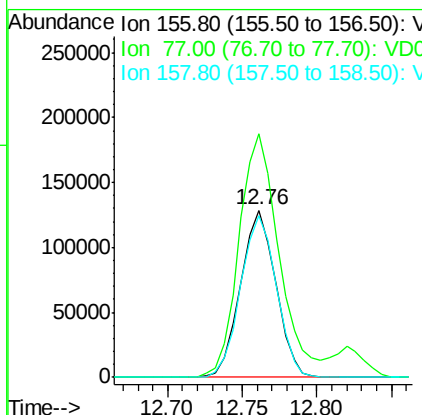
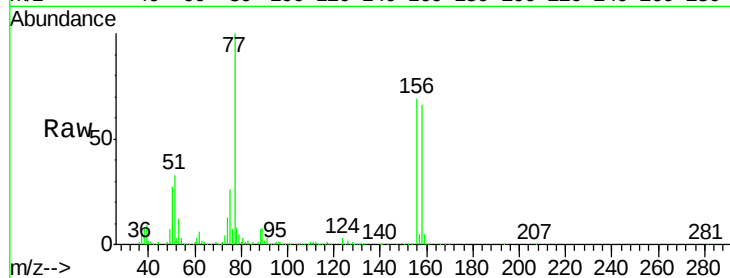
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	211055
Ion Ratio	Lower	Upper	
156	100		
77	165.1	81.0	243.1
158	97.8	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.364 ug/l

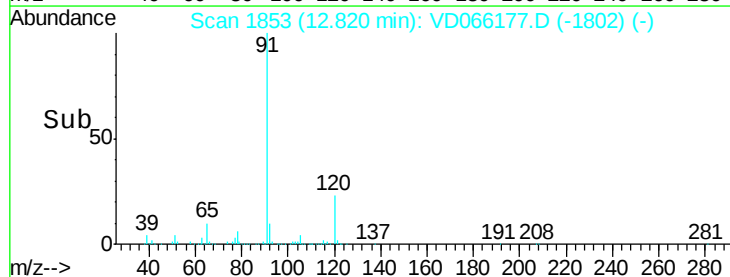
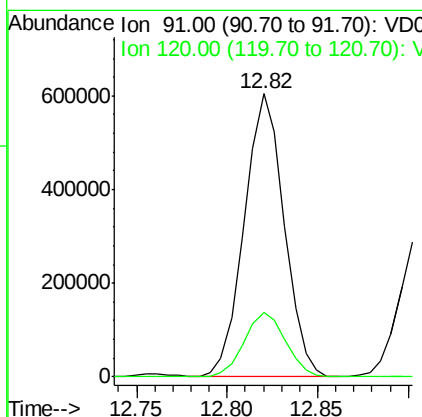
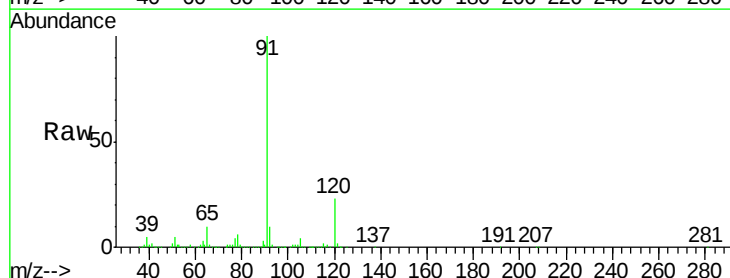
RT: 12.82 min Scan# 1853

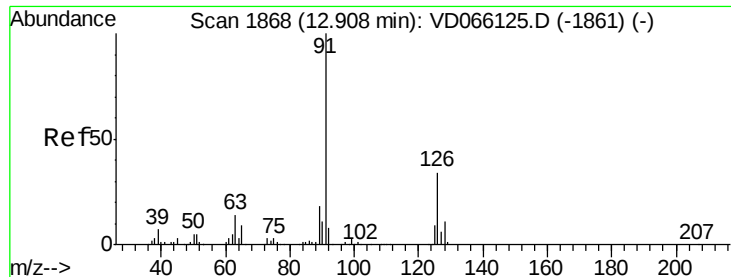
Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion:	91	Resp:	921486
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0





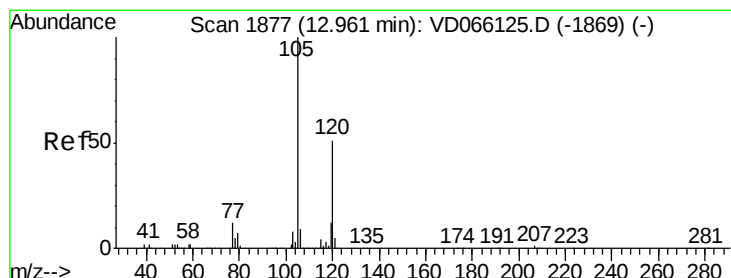
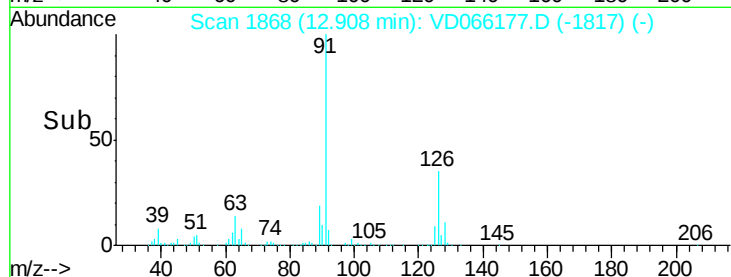
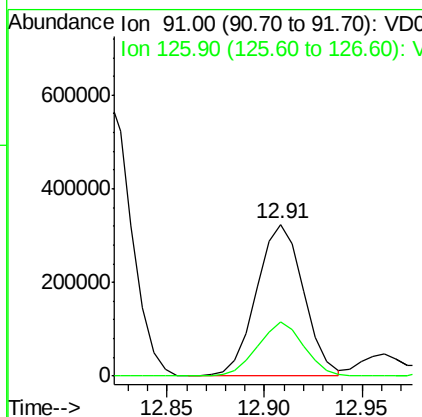
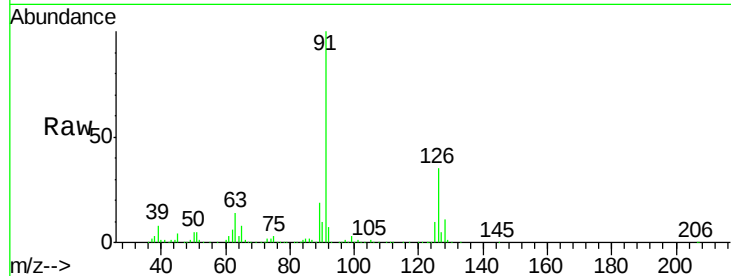
#79
 2-Chlorotoluene
 Concen: 51.571 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.5	52.6

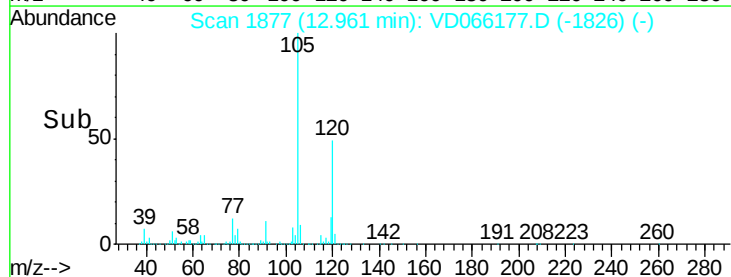
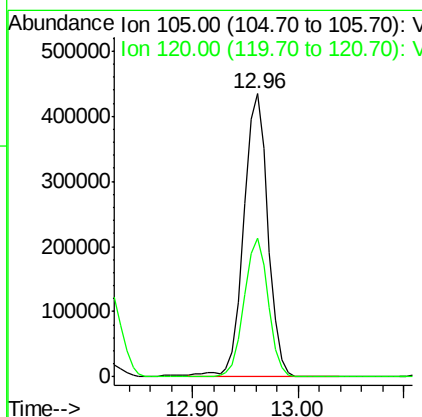
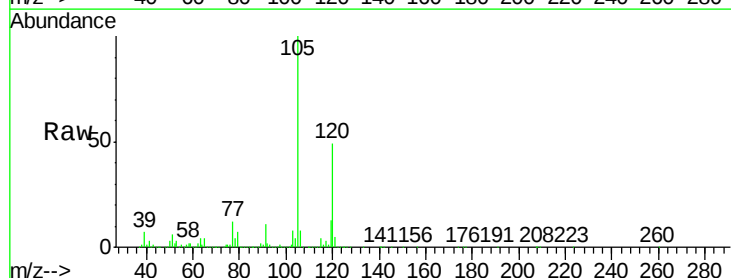
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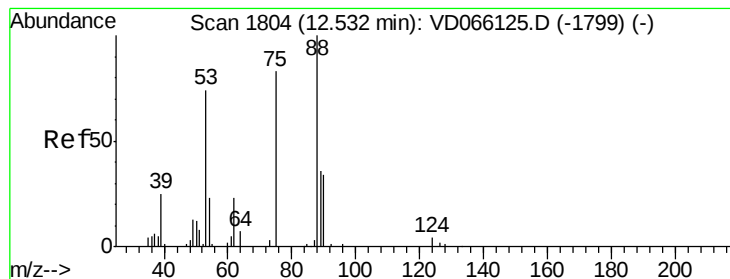
MMDadoda
 8/11/2020 3:19:31 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.396 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	25.3	75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.859 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 45241

Ion Ratio Lower Upper

75 100

53 95.8 73.4 110.2

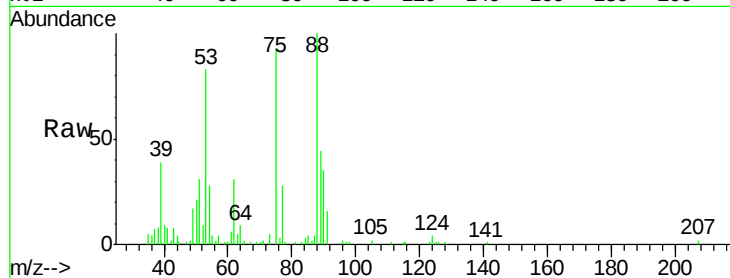
89 49.8 36.6 55.0

Manual Integrations

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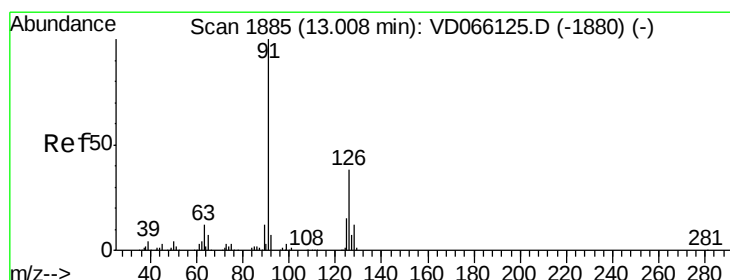
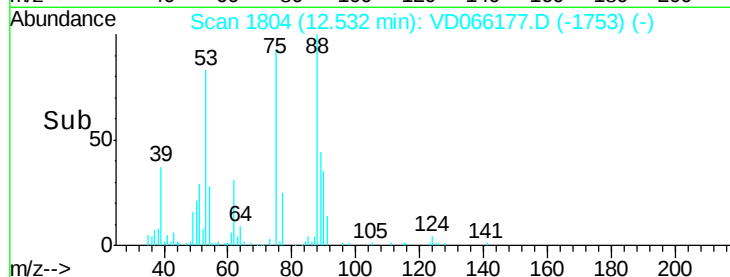
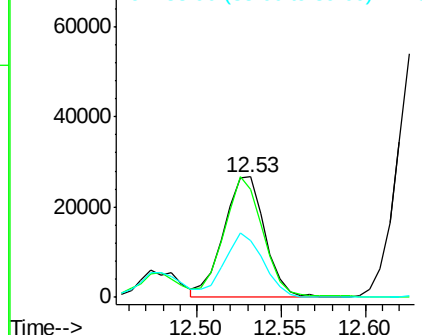
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Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.967 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066177.D

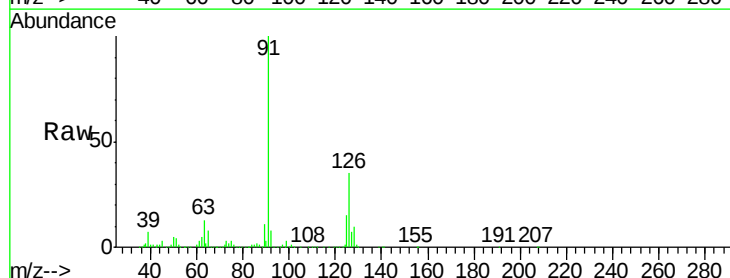
Acq: 10 Aug 2020 21:35

Tgt Ion: 91 Resp: 563010

Ion Ratio Lower Upper

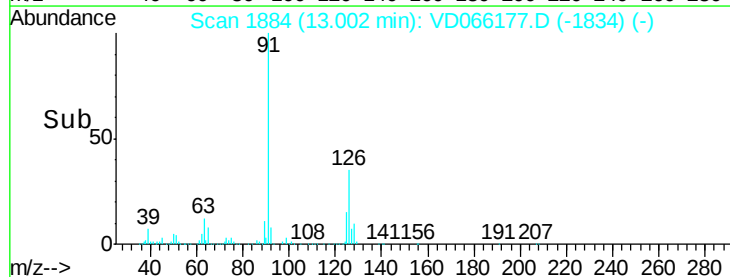
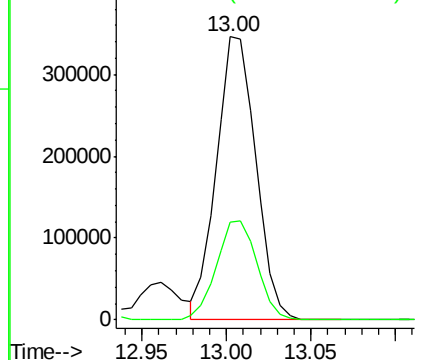
91 100

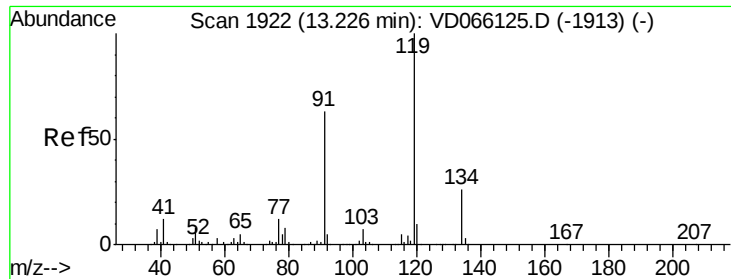
126 36.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





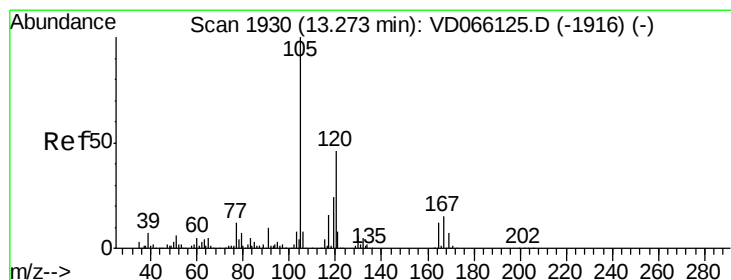
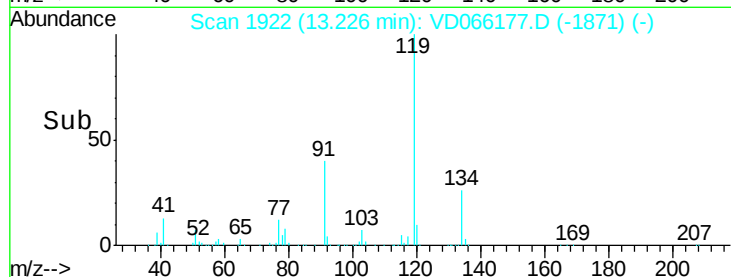
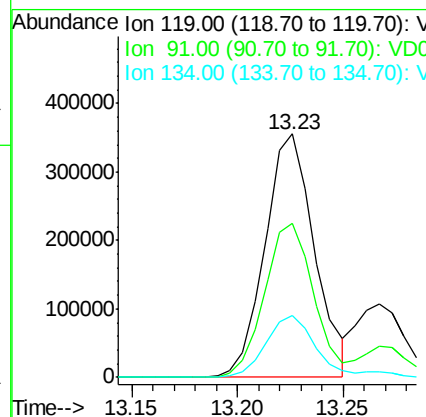
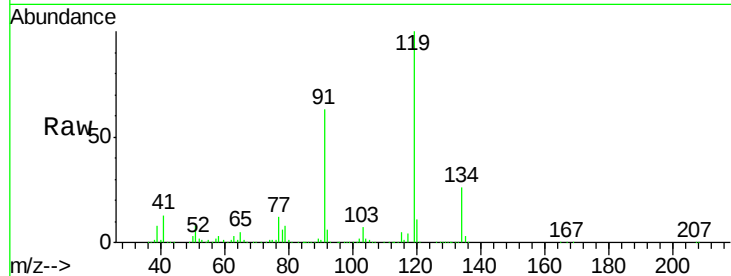
#83
tert-Butylbenzene
Concen: 50.170 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	580790		
91	62.6		30.8	92.4
134	26.9		13.6	40.8

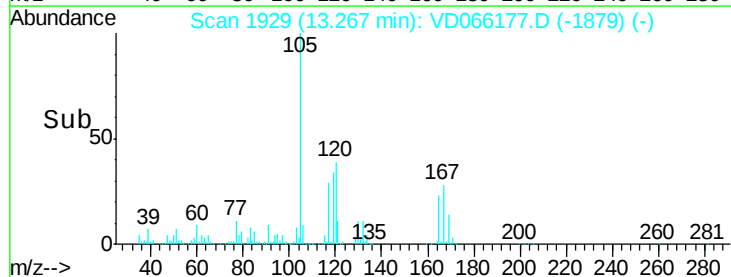
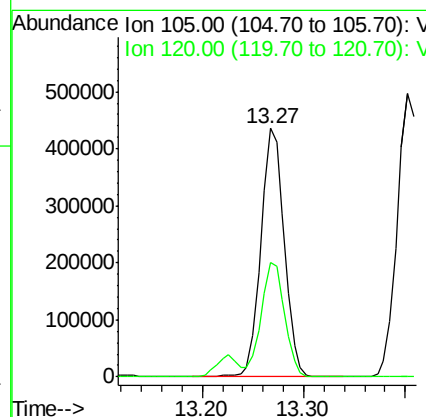
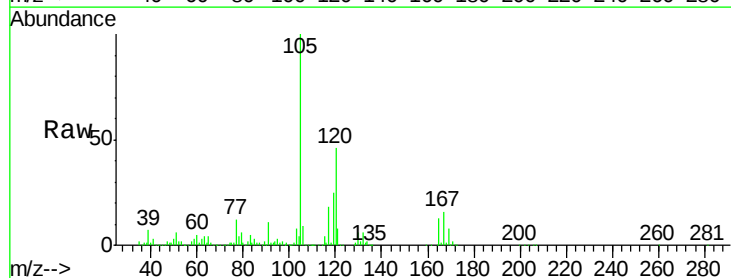
Manual Integrations
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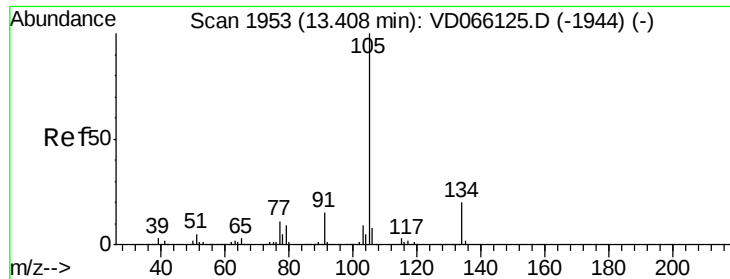
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.875 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	696551		
120	45.9		23.1	69.2





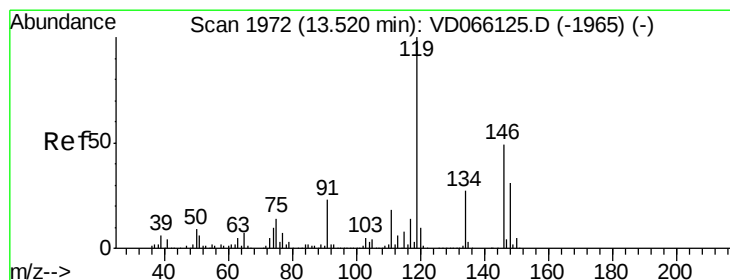
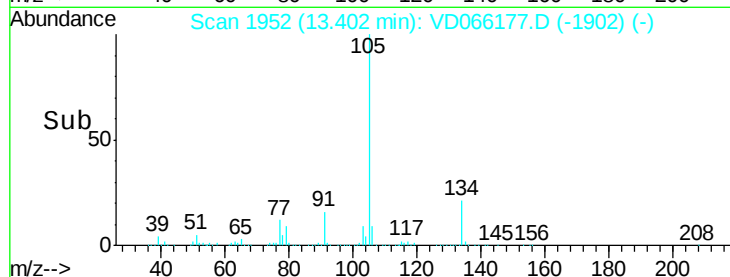
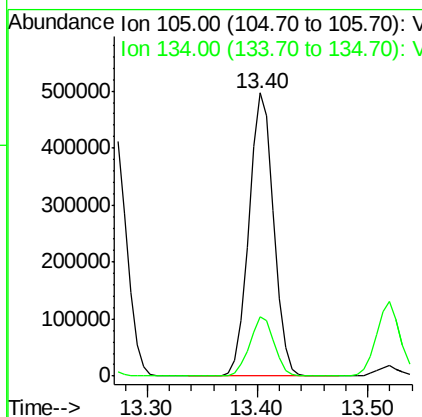
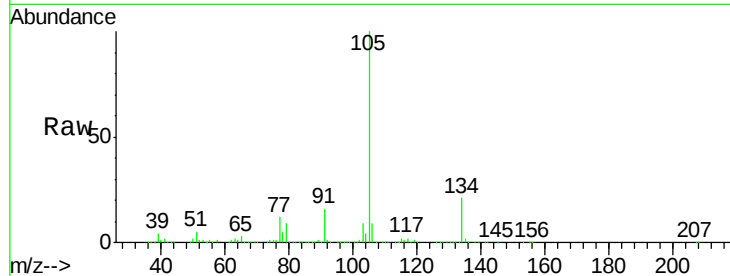
#85
 sec-Butylbenzene
 Concen: 49.891 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.4

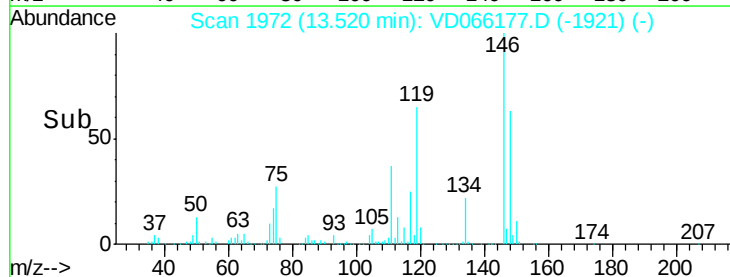
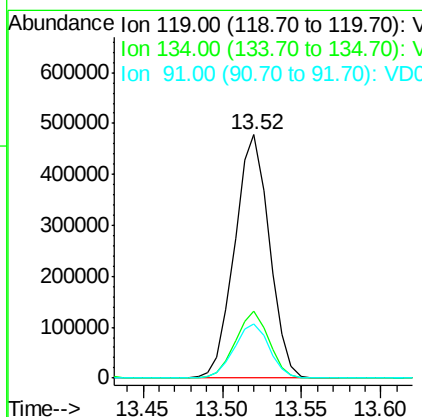
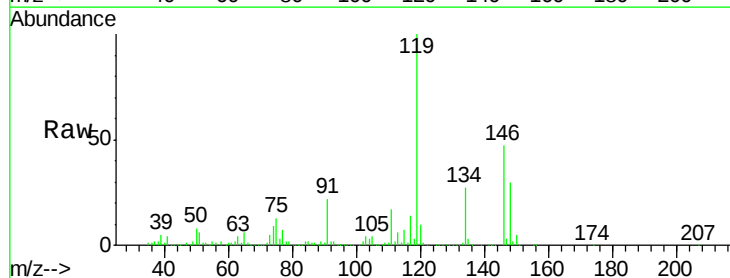
Manual Integrations
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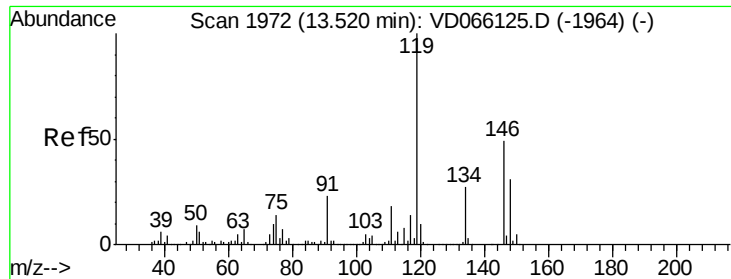
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 49.476 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.5	40.4
91	22.3	11.2	33.5





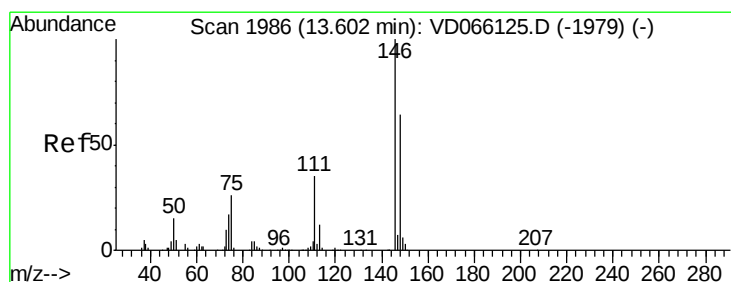
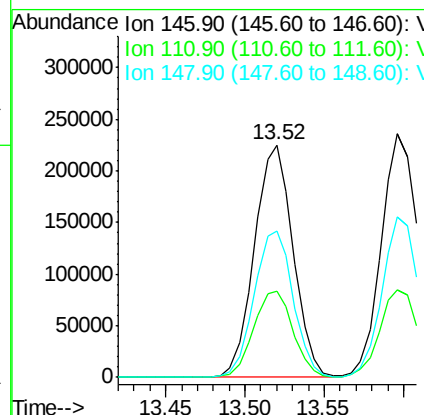
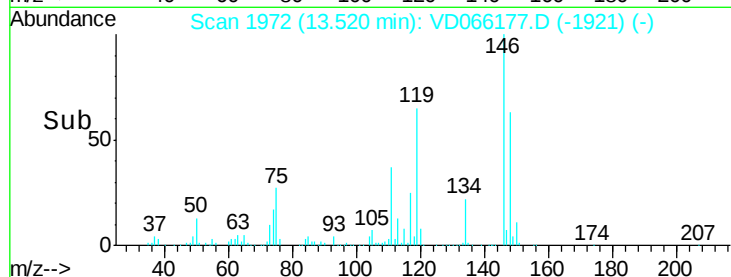
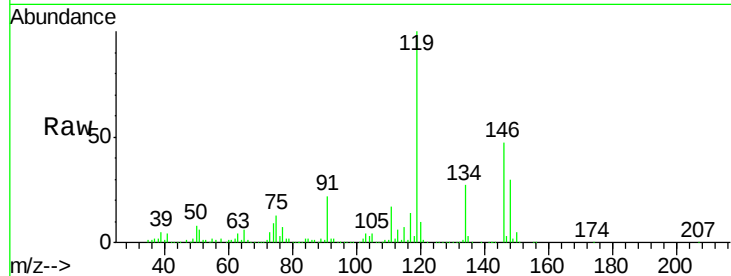
#87
 1,3-Dichlorobenzene
 Concen: 50.140 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	381825		
111	37.8	18.9	56.9	
148	63.3	31.8	95.3	

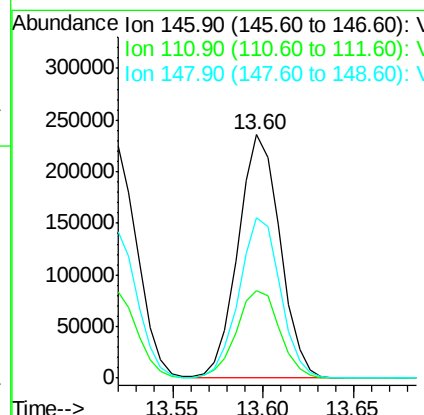
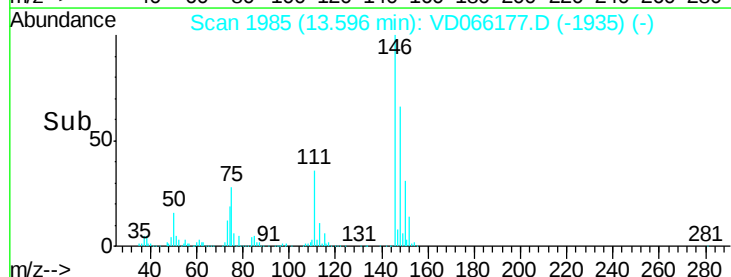
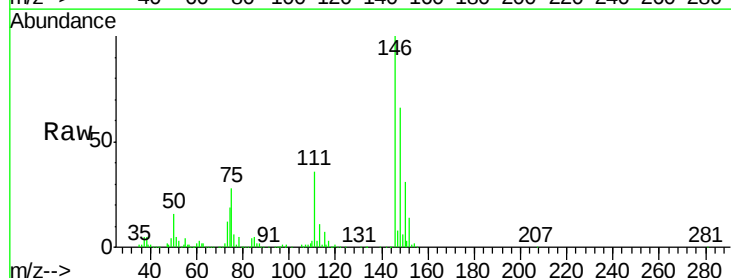
Manual Integrations
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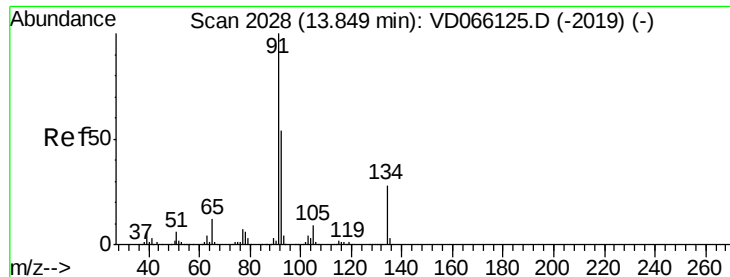
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 50.095 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	380443		
111	37.2	18.6	55.8	
148	64.9	32.4	97.0	





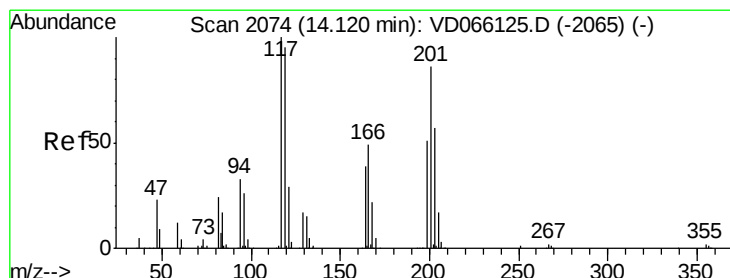
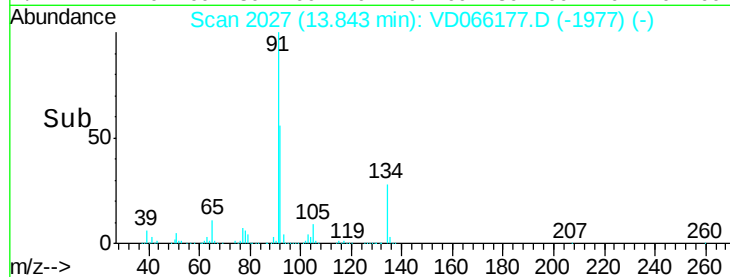
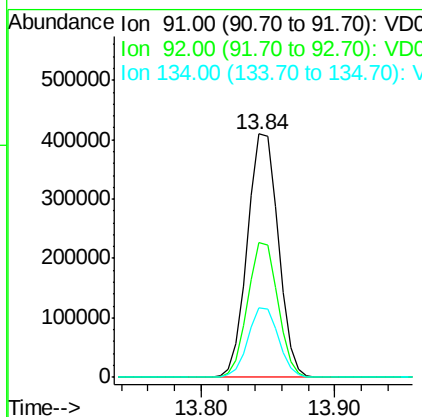
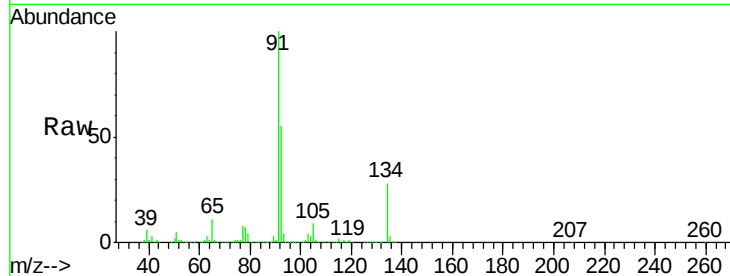
#89
n-Butylbenzene
Concen: 49.570 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.3
134	28.2	14.0	41.9

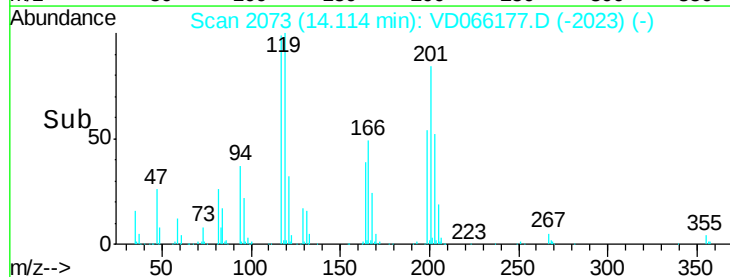
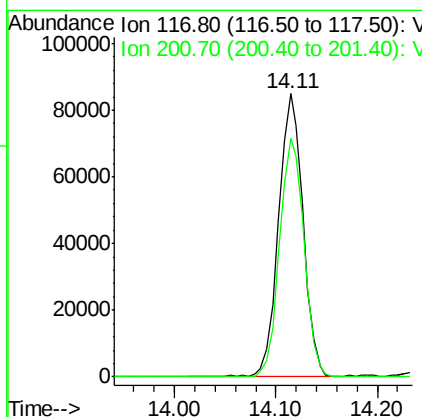
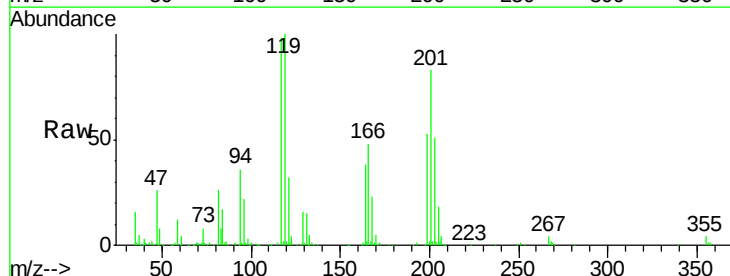
Manual Integrations
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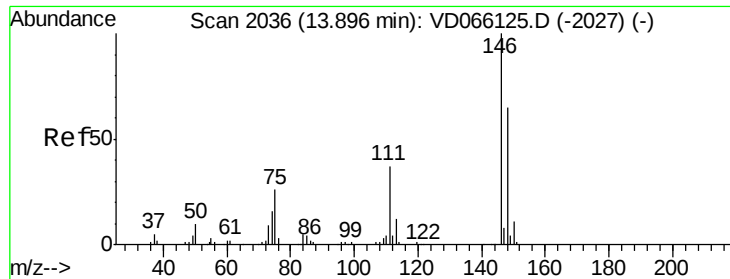
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#90
Hexachloroethane
Concen: 49.112 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066177.D
Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.1	42.7	128.1





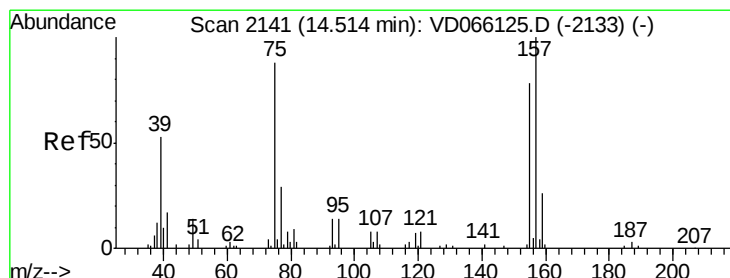
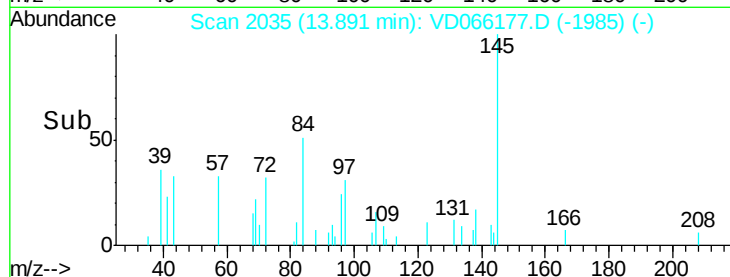
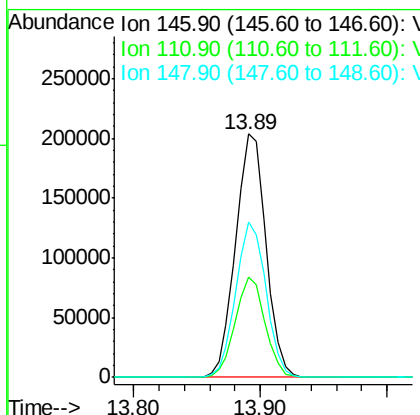
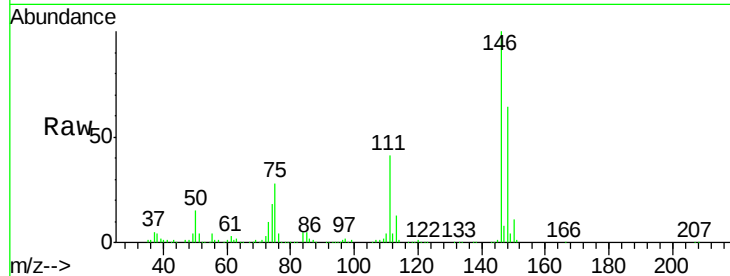
#91
 1,2-Dichlorobenzene
 Concen: 50.244 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.5	18.8	56.3	
148	63.4	31.9	95.5	

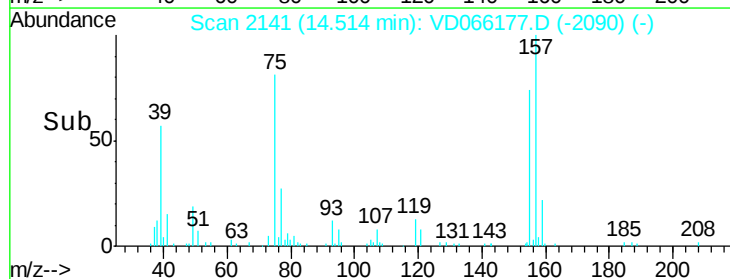
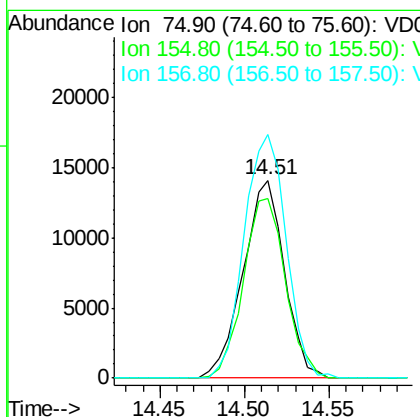
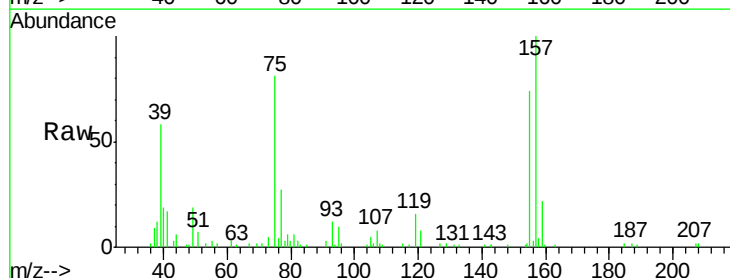
Manual Integrations
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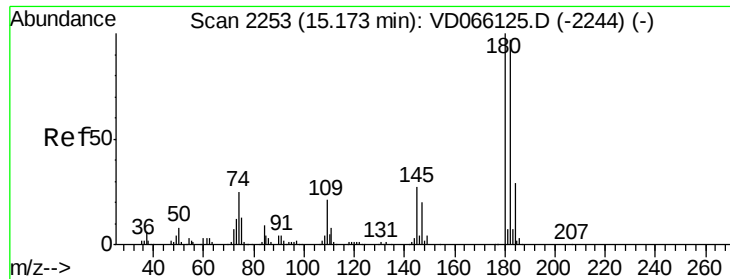
MMDadoda
 8/11/2020 3:19:31 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.192 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	92.1	47.7	143.1	
157	124.8	62.1	186.2	





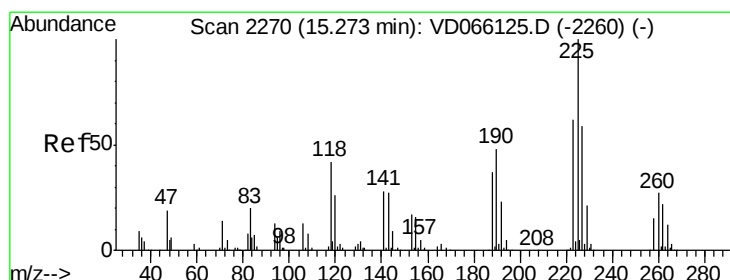
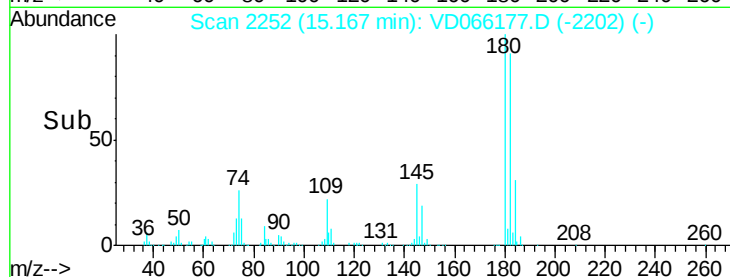
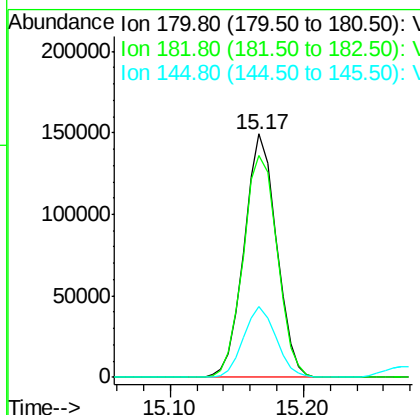
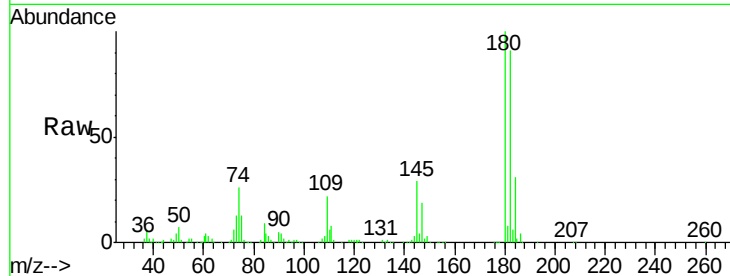
#93
 1,2,4-Trichlorobenzene
 Concen: 50.370 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	249987		
182	96.1	47.4	142.2	
145	29.3	14.5	43.6	

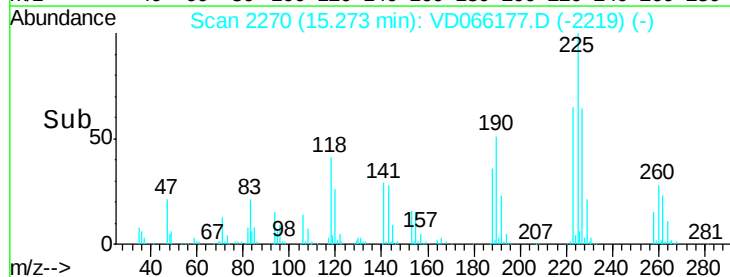
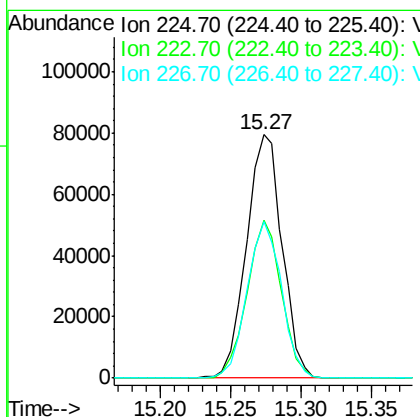
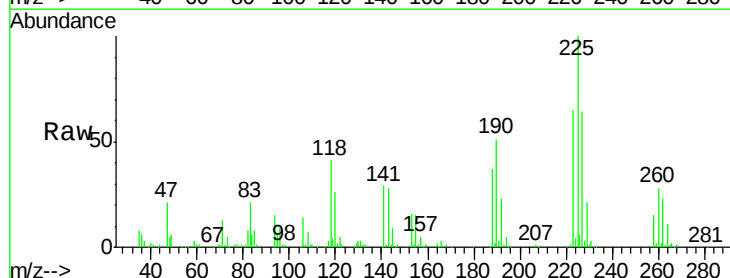
Manual Integrations
 APPROVED

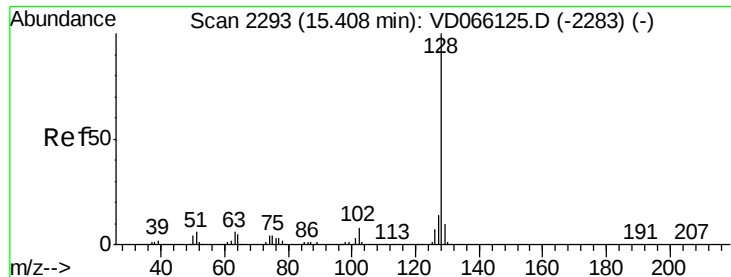
MMDadoda
 8/11/2020 3:19:31 PM



#94
 Hexachlorobutadiene
 Concen: 48.152 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066177.D
 Acq: 10 Aug 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140725		
223	62.6	32.3	96.9	
227	62.5	32.1	96.5	





#95

Naphthalene

Concen: 55.969 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Instrument :

MSVOA_D

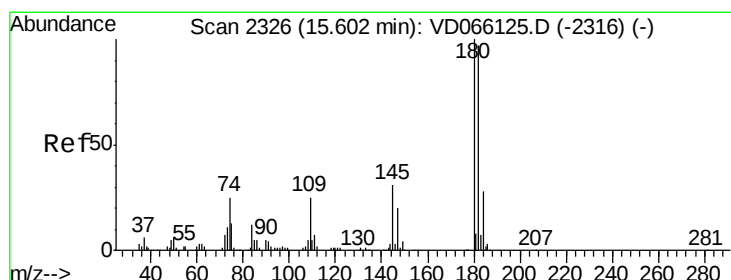
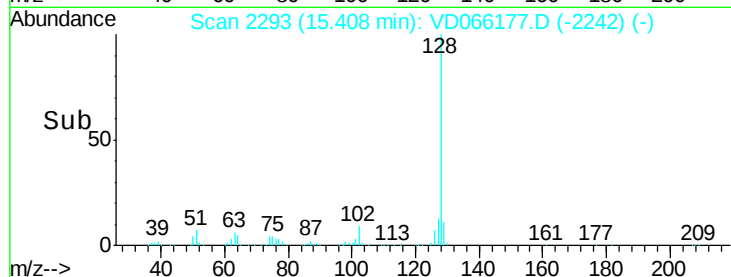
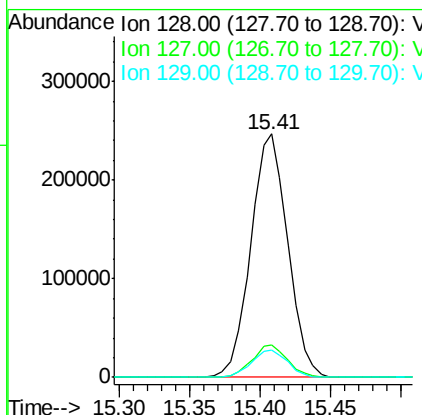
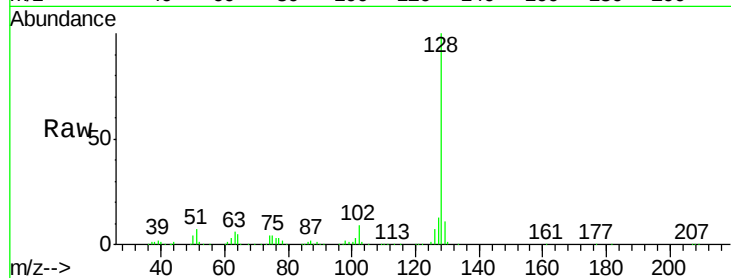
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	452607
Ion Ratio	Lower	Upper	
128	100		
127	13.0	11.0	16.4
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/11/2020 3:19:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.128 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066177.D

Acq: 10 Aug 2020 21:35

Tgt Ion:	180	Resp:	219622
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.1	141.4
145	32.2	14.9	44.9

