

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066594.D
 Acq On : 09 Sep 2020 20:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:46:56 AM

Quant Time: Sep 10 02:32:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	333815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	567352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	526882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218786	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.91	113	199806	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.34	98	722570	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.63	95	242172	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	122508	43.967	ug/l	93
3) Chloromethane	2.20	50	180945	42.862	ug/l	98
4) Vinyl Chloride	2.35	62	201706	43.079	ug/l	96
5) Bromomethane	2.77	94	177526	60.971	ug/l	90
6) Chloroethane	2.92	64	138772	46.662	ug/l	98
7) Trichlorofluoromethane	3.27	101	301376	43.571	ug/l	100
8) Diethyl Ether	3.71	74	79704	45.760	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	162222	43.334	ug/l	97
10) Methyl Iodide	4.30	142	92308	28.881	ug/l	100
11) Tert butyl alcohol	5.21	59	54671	208.958	ug/l	97
12) 1,1-Dichloroethene	4.07	96	145968	43.401	ug/l	95
13) Acrolein	3.91	56	47883	289.951	ug/l	91
14) Allyl chloride	4.71	41	256477	46.531	ug/l	99
15) Acrylonitrile	5.42	53	186681	249.499	ug/l	99
16) Acetone	4.16	43	155200	208.845	ug/l	95
17) Carbon Disulfide	4.41	76	469853	42.496	ug/l	98
18) Methyl Acetate	4.71	43	91243	51.506	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	394438	50.012	ug/l	99
20) Methylene Chloride	4.96	84	192371	47.119	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	185433	46.430	ug/l	98
22) Diisopropyl ether	6.36	45	578265	51.017	ug/l	98
23) Vinyl Acetate	6.30	43	1645618	255.124	ug/l	98
24) 1,1-Dichloroethane	6.26	63	328984	46.154	ug/l	98
25) 2-Butanone	7.21	43	234540	235.109	ug/l	97
26) 2,2-Dichloropropane	7.21	77	278154	42.542	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	205559	47.862	ug/l	97
28) Bromochloromethane	7.54	49	151507	55.210	ug/l	98
29) Tetrahydrofuran	7.56	42	152340	245.202	ug/l	100
30) Chloroform	7.71	83	362718	48.100	ug/l	98
31) Cyclohexane	7.98	56	279759	42.459	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	320850	45.255	ug/l	99
36) 1,1-Dichloropropene	8.11	75	267947	45.381	ug/l	98
37) Ethyl Acetate	7.29	43	114682	48.778	ug/l	97
38) Carbon Tetrachloride	8.09	117	285535	45.752	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	299048	45.357	ug/l	98
40) Benzene	8.34	78	746545	46.166	ug/l	99
41) Methacrylonitrile	7.51	41	52956m	46.531	ug/l	
42) 1,2-Dichloroethane	8.42	62	242835	46.347	ug/l	100
43) Isopropyl Acetate	8.44	43	217139	48.193	ug/l	99
44) Trichloroethene	9.11	130	191492	45.144	ug/l	94
45) 1,2-Dichloropropane	9.38	63	189680	46.643	ug/l	96
46) Dibromomethane	9.47	93	107211	47.785	ug/l	97
47) Bromodichloromethane	9.66	83	289331	47.664	ug/l	96
48) Methyl methacrylate	9.46	41	105444	46.282	ug/l	91
49) 1,4-Dioxane	9.46	88	24561	997.832	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	569351	250.559	ug/l	99
52) Toluene	10.40	92	481104	47.000	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	255724	47.722	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	304180	47.269	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	137993	47.835	ug/l	99
56) Ethyl methacrylate	10.66	69	168683	50.221	ug/l	95
57) 1,3-Dichloropropane	10.94	76	243039	48.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	401930	261.620	ug/l	98
59) 2-Hexanone	10.98	43	384137	251.383	ug/l	99
60) Dibromochloromethane	11.14	129	185043	48.508	ug/l	99
61) 1,2-Dibromoethane	11.24	107	130578	46.526	ug/l	97
64) Tetrachloroethene	10.87	164	156821	44.206	ug/l	90
65) Chlorobenzene	11.67	112	503255	46.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	193455	46.613	ug/l	100
67) Ethyl Benzene	11.74	91	925591	46.355	ug/l	99
68) m/p-Xylenes	11.85	106	685807	92.501	ug/l	96
69) o-Xylene	12.18	106	313040	47.113	ug/l	96
70) Styrene	12.20	104	549659	47.584	ug/l	96
71) Bromoform	12.36	173	98273	46.985	ug/l #	99
73) Isopropylbenzene	12.48	105	858793	46.849	ug/l	99
74) N-amyl acetate	12.29	43	196861	47.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	150882	46.590	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	121411m	50.989	ug/l	
77) Bromobenzene	12.76	156	192148	47.017	ug/l	100
78) n-propylbenzene	12.82	91	1040343	46.816	ug/l	99
79) 2-Chlorotoluene	12.91	91	596659	47.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	739581	47.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	45455	44.568	ug/l	98
82) 4-Chlorotoluene	13.01	91	625331	46.908	ug/l	100
83) tert-Butylbenzene	13.23	119	603900	47.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	732684	47.698	ug/l	98
85) sec-Butylbenzene	13.40	105	859228	47.335	ug/l	98
86) p-Isopropyltoluene	13.52	119	773697	47.355	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	372121	45.865	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	363619	44.653	ug/l	98
89) n-Butylbenzene	13.84	91	745683	46.836	ug/l	99
90) Hexachloroethane	14.11	117	163057	46.319	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	318580	44.924	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25391	46.155	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	199955	46.982	ug/l	99
94) Hexachlorobutadiene	15.27	225	115381	45.126	ug/l	97
95) Naphthalene	15.41	128	384214	51.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	178273	49.131	ug/l	100

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

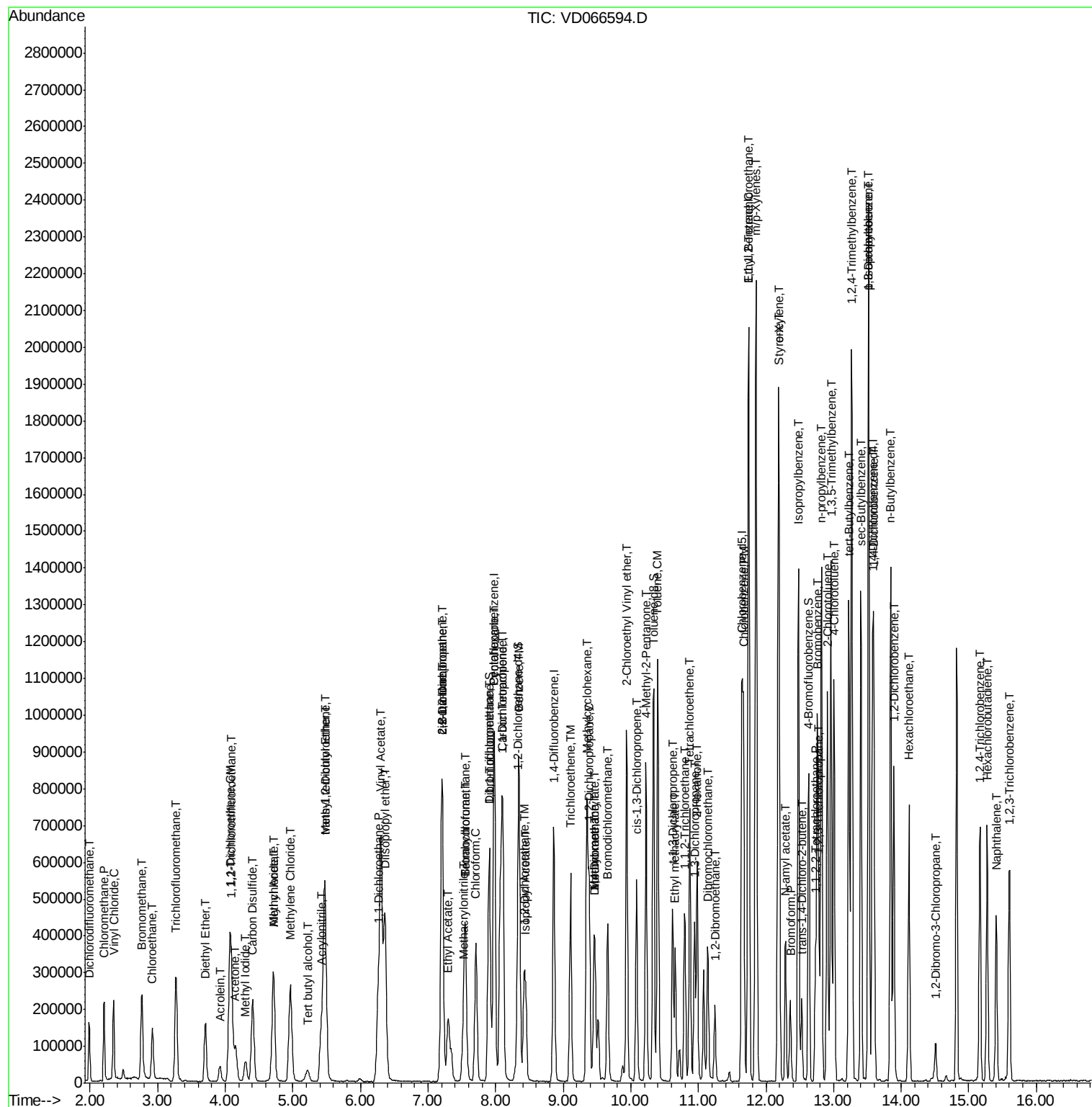
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090920\
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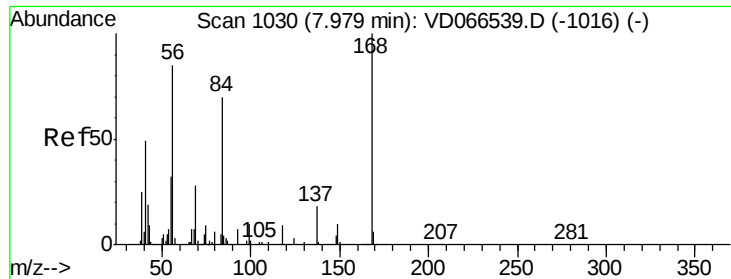
Instrument :
MSVOA_D
ClientSampleId :
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 333815

Ion Ratio Lower Upper

168 100

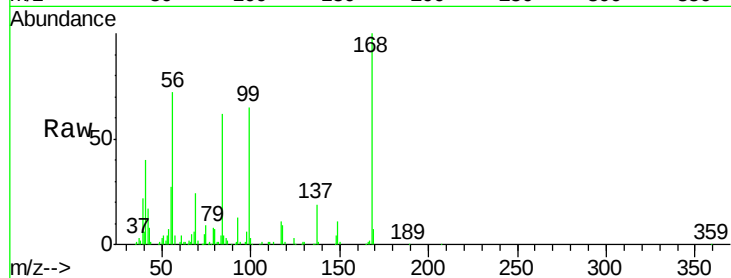
99 65.1 50.5 75.7

Manual Integrations

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9/10/2020 10:46:56 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

100000

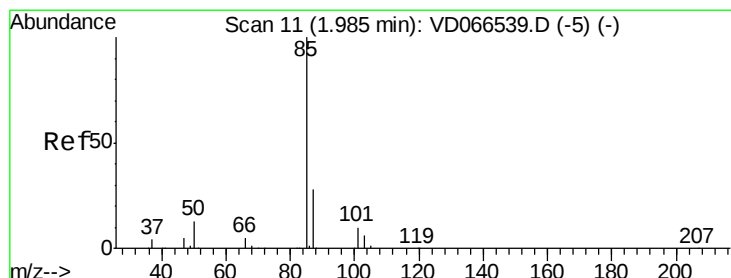
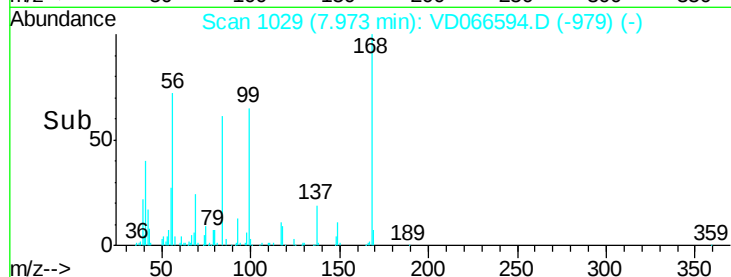
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 43.967 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066594.D

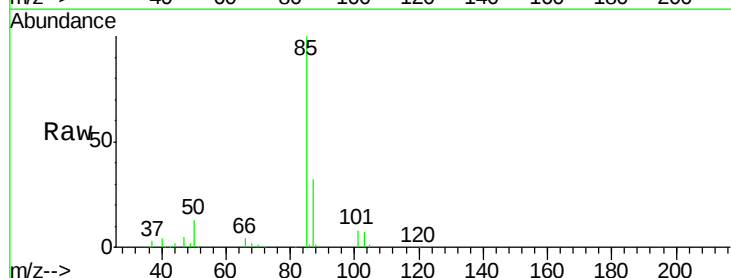
Acq: 09 Sep 2020 20:16

Tgt Ion: 85 Resp: 122508

Ion Ratio Lower Upper

85 100

87 32.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

40000

20000

0

1.90

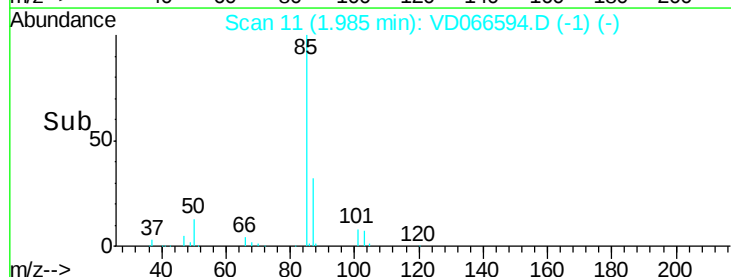
1.95

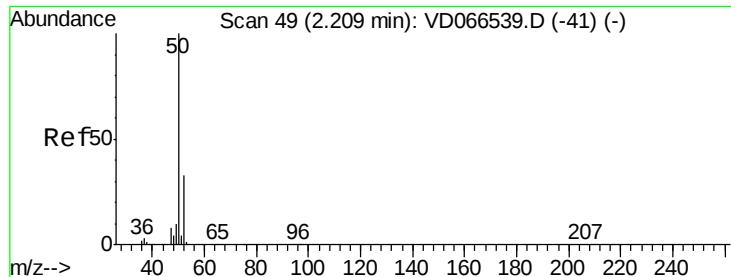
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 42.862 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 180945

Ion Ratio Lower Upper

50 100

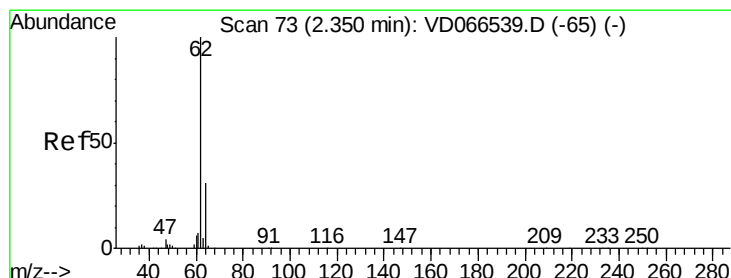
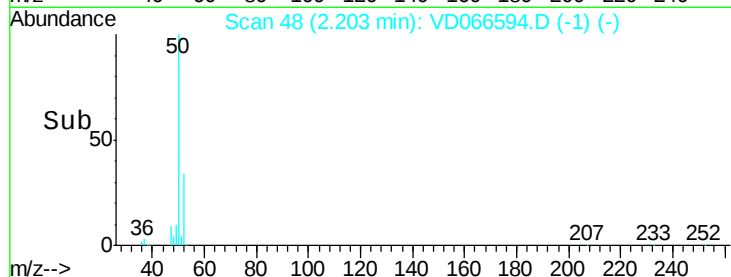
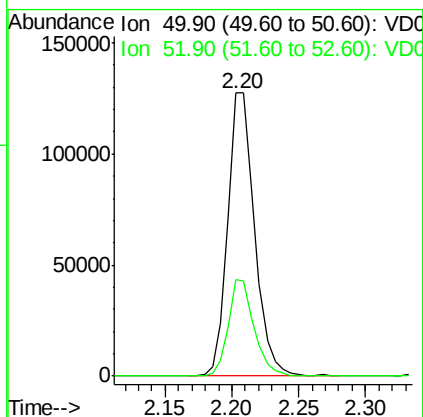
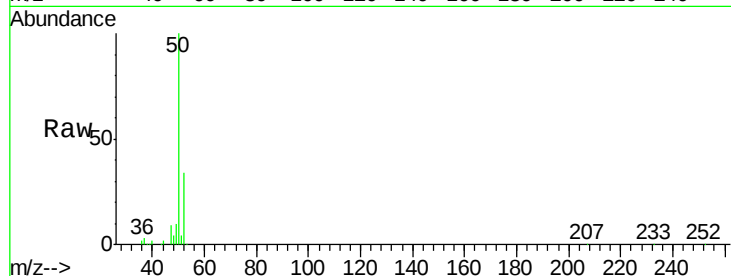
52 34.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.079 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066594.D

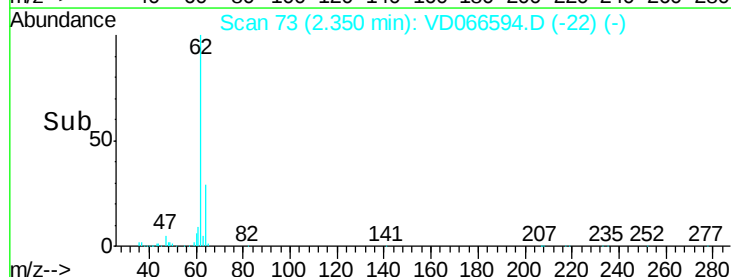
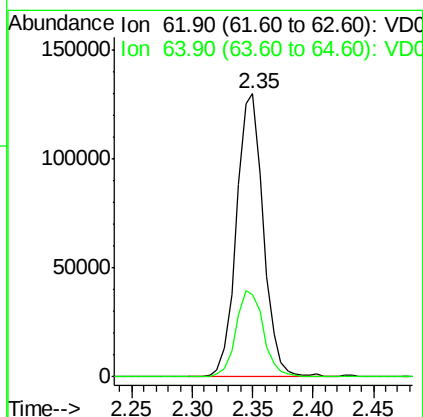
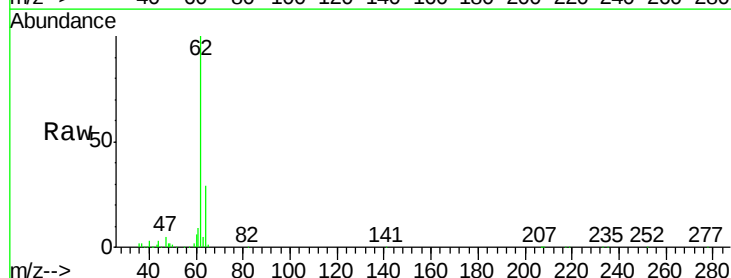
Acq: 09 Sep 2020 20:16

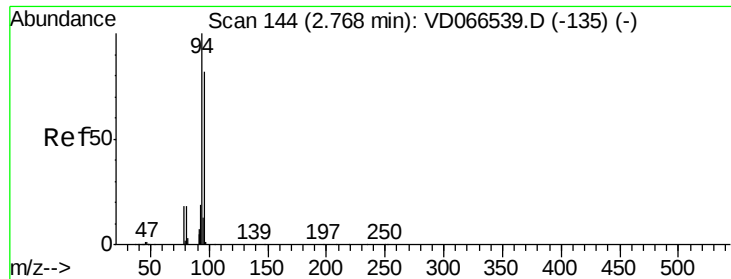
Tgt Ion: 62 Resp: 201706

Ion Ratio Lower Upper

62 100

64 29.3 25.3 37.9





#5

Bromomethane

Concen: 60.971 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 177526

Ion Ratio Lower Upper

94 100

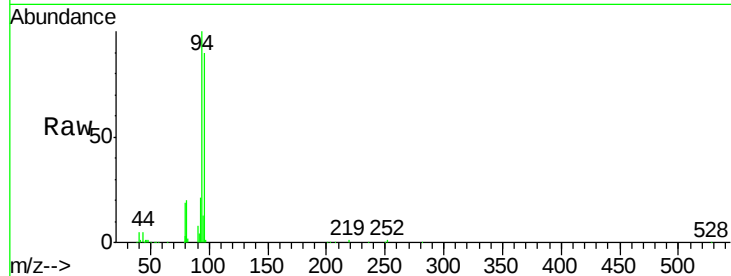
96 90.3 65.2 97.8

Manual Integrations

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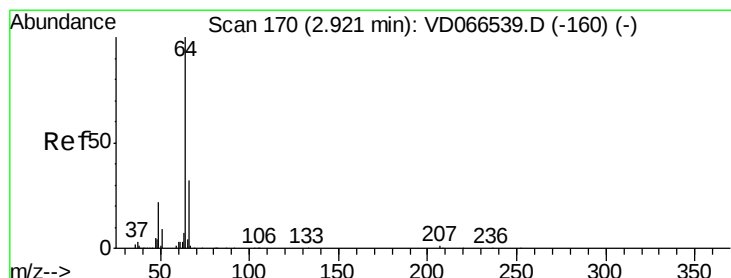
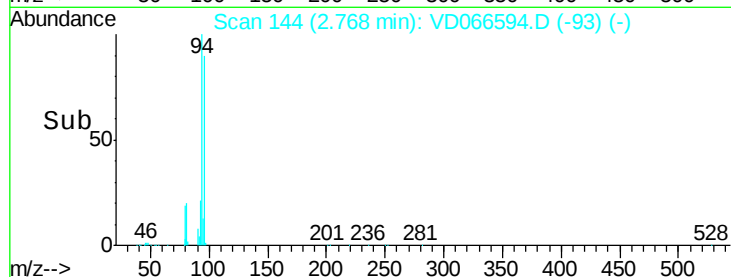
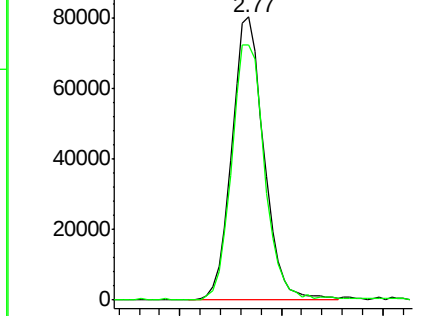
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.662 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066594.D

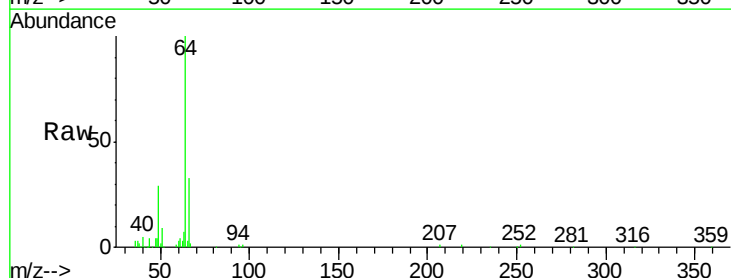
Acq: 09 Sep 2020 20:16

Tgt Ion: 64 Resp: 138772

Ion Ratio Lower Upper

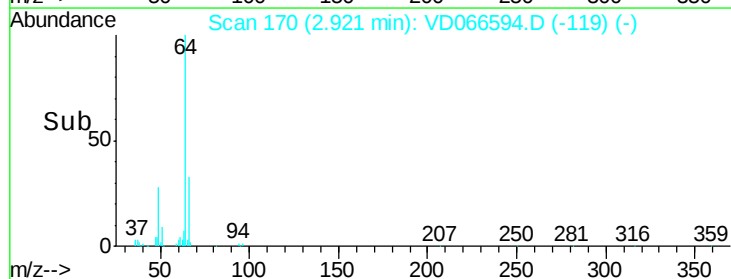
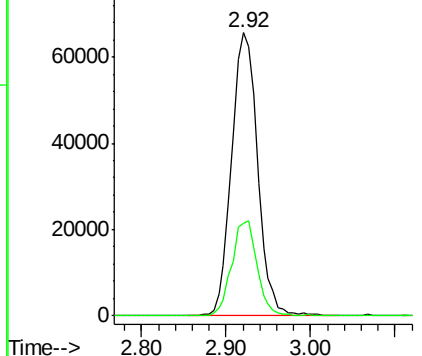
64 100

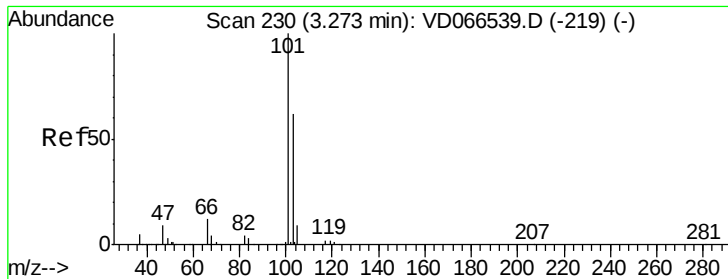
66 33.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

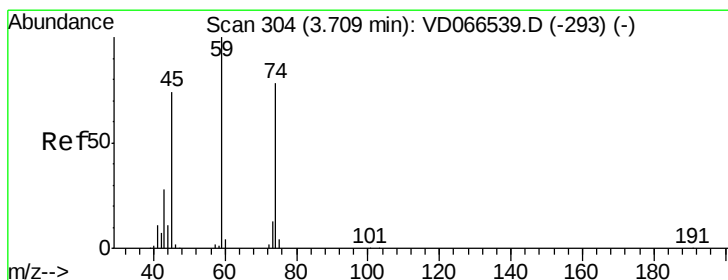
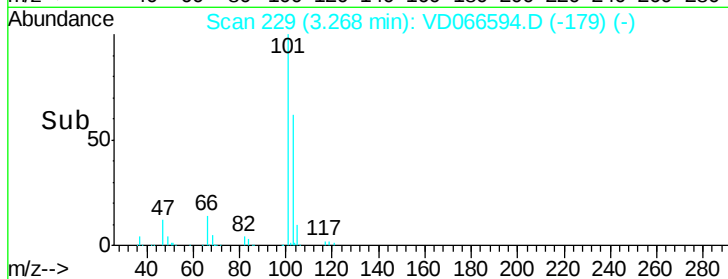
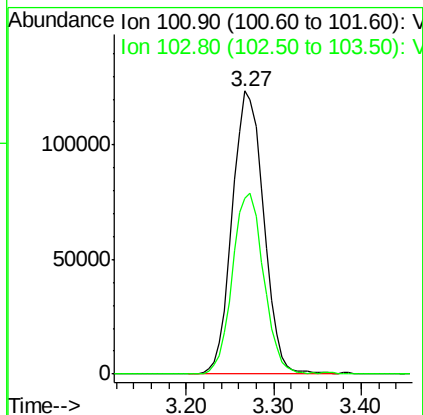
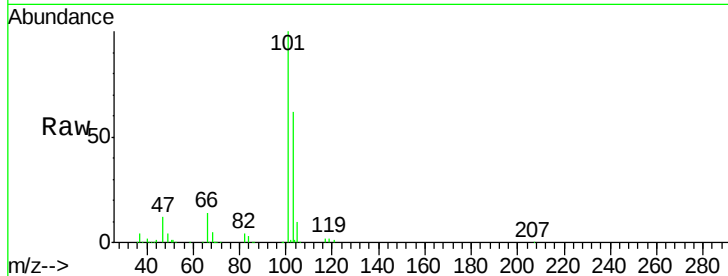
Trichlorofluoromethane
Concen: 43.571 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	49.7	74.5

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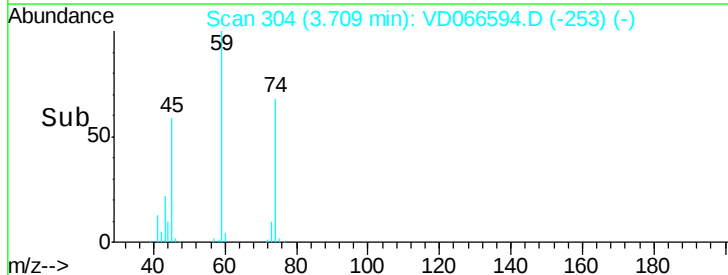
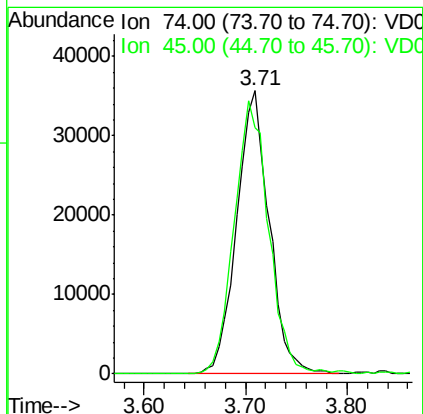
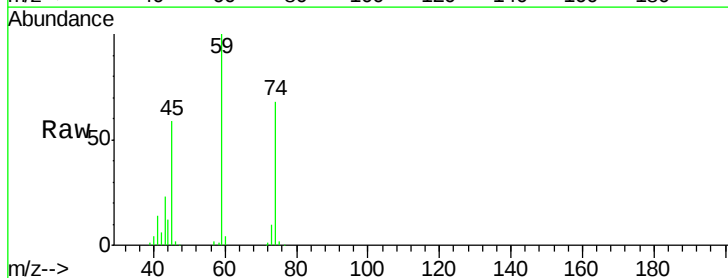
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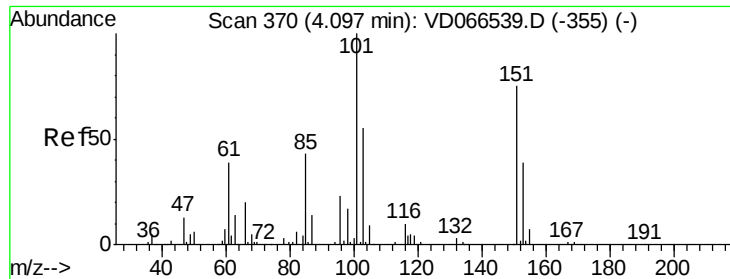


#8

Diethyl Ether
Concen: 45.760 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.334 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

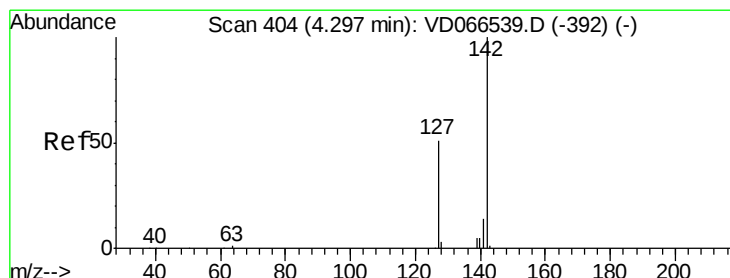
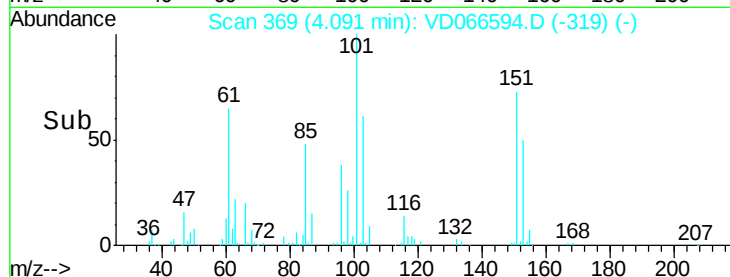
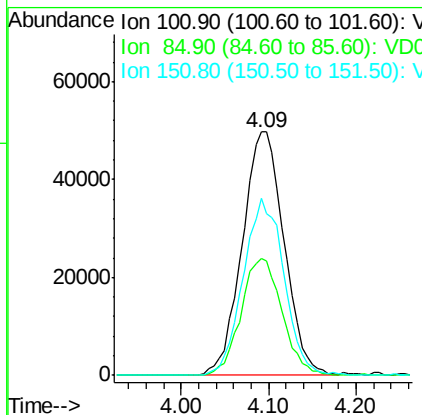
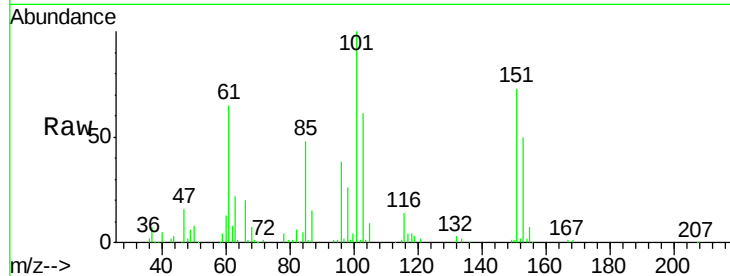
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	162222
Ion Ratio	Lower	Upper	
101	100		
85	47.0	37.0	55.6
151	70.9	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 28.881 ug/l

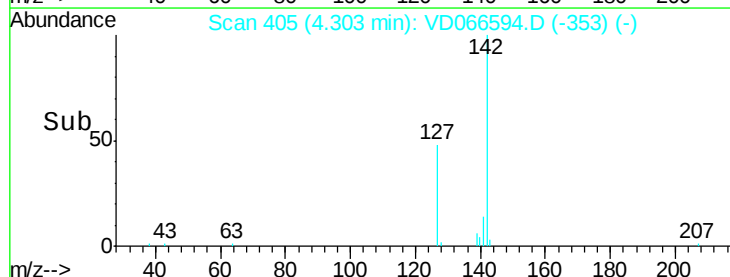
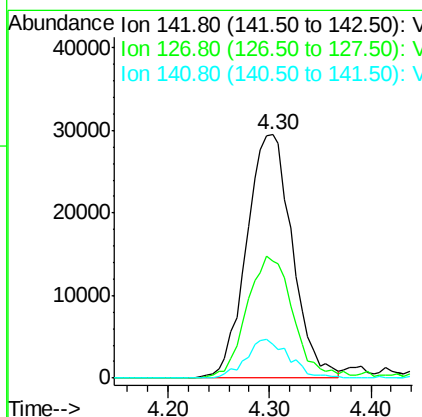
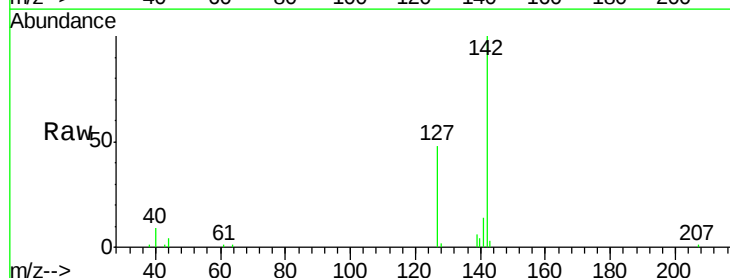
RT: 4.30 min Scan# 405

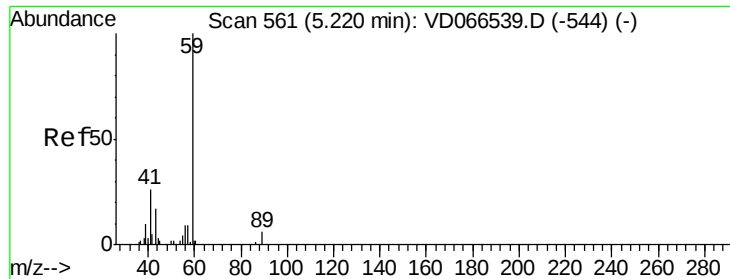
Delta R.T. 0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion:	142	Resp:	92308
Ion Ratio	Lower	Upper	
142	100		
127	50.7	40.6	61.0
141	15.1	12.2	18.4





#11

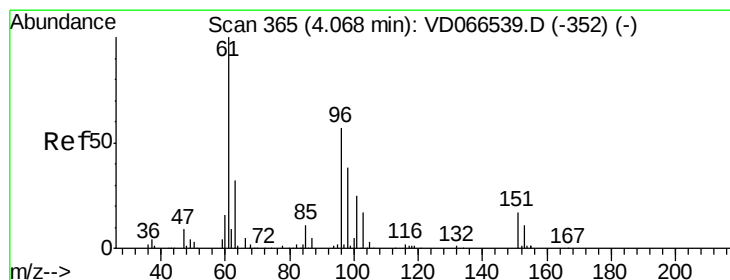
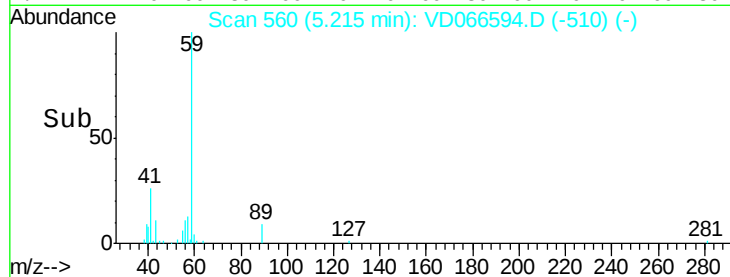
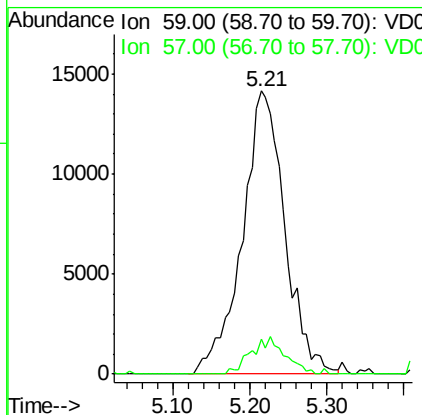
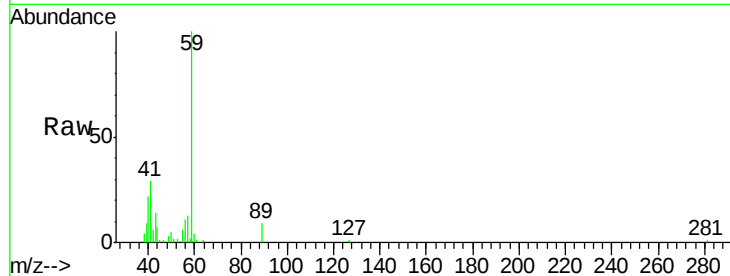
Tert butyl alcohol
Concen: 208.958 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	54671
Ion Ratio	100	Lower	Upper
57	10.5	7.6	11.4

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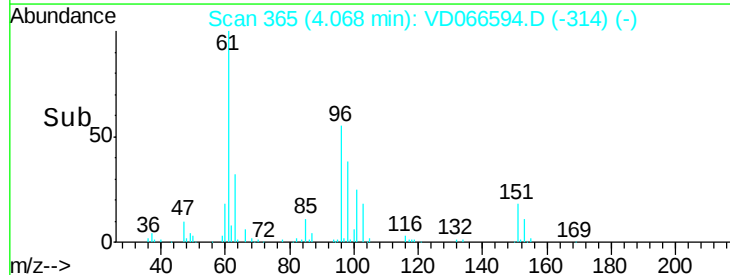
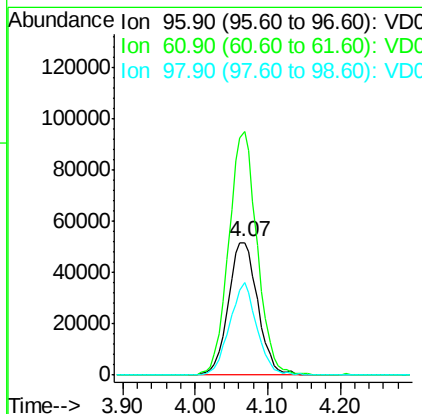
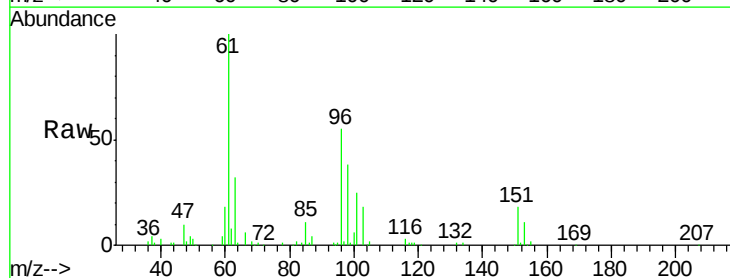
MMDadoda
9/10/2020 10:46:56 AM

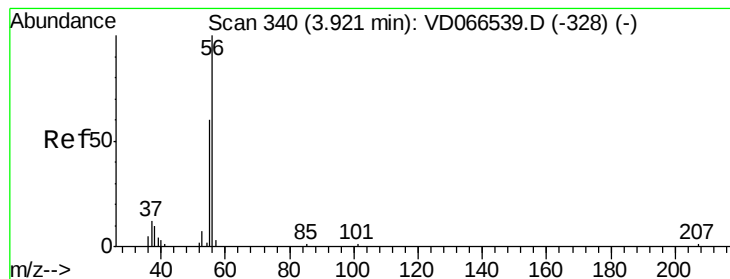


#12

1,1-Dichloroethene
Concen: 43.401 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	96	Resp	145968
Ion Ratio	100	Lower	Upper
61	183.2	140.9	211.3
98	69.3	53.2	79.8





#13

Acrolein

Concen: 289.951 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 47883

Ion Ratio Lower Upper

56 100

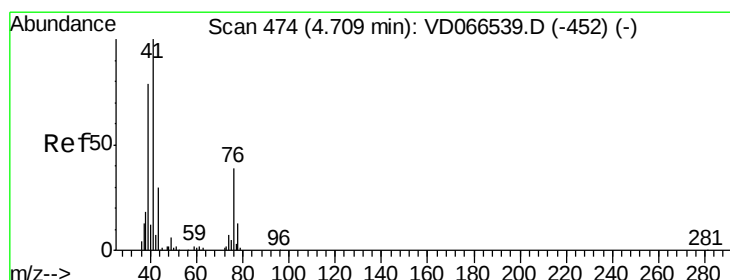
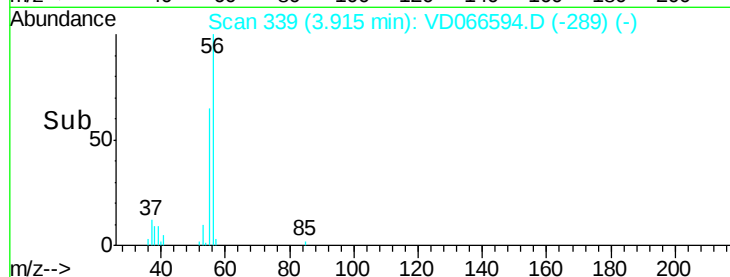
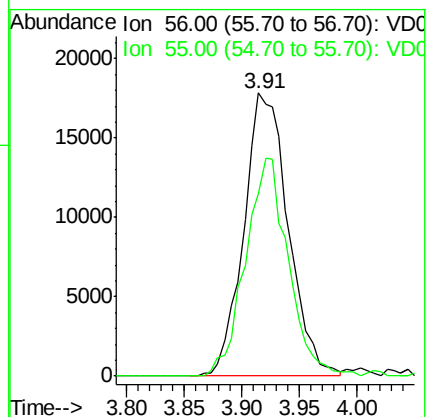
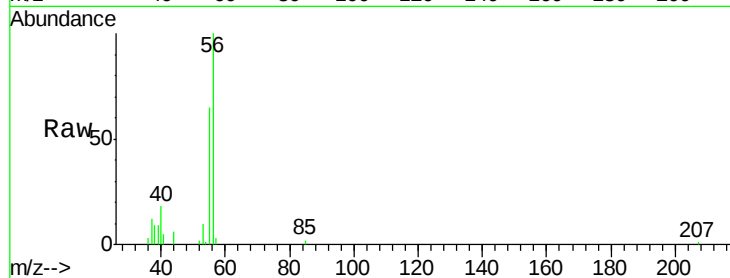
55 73.9 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.531 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

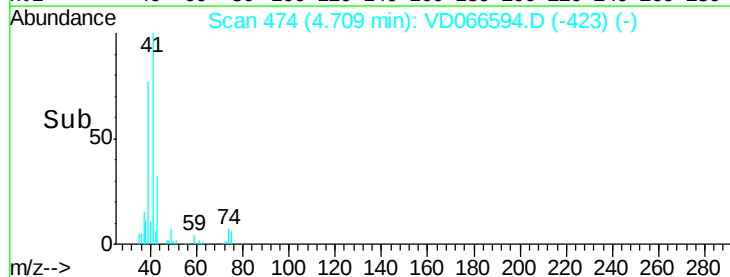
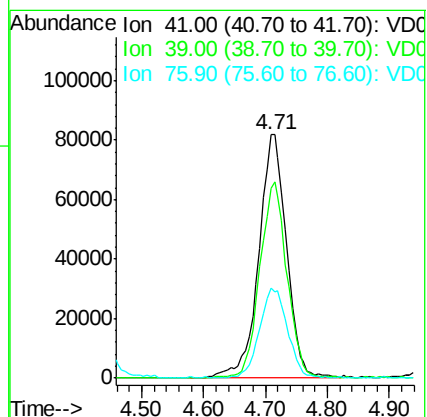
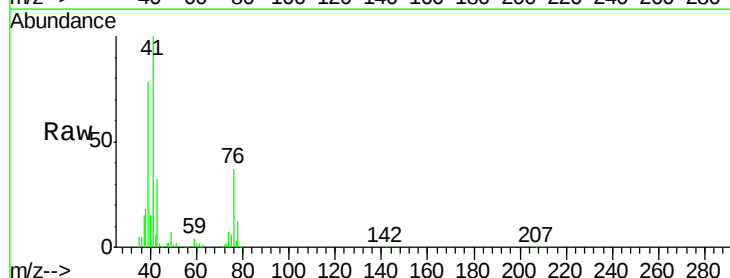
Tgt Ion: 41 Resp: 256477

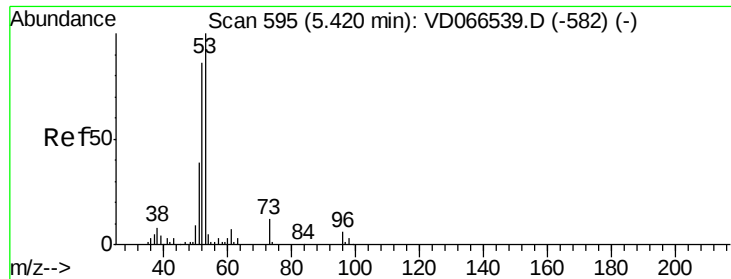
Ion Ratio Lower Upper

41 100

39 78.6 61.9 92.9

76 37.1 29.0 43.6





#15

Acrylonitrile

Concen: 249.499 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

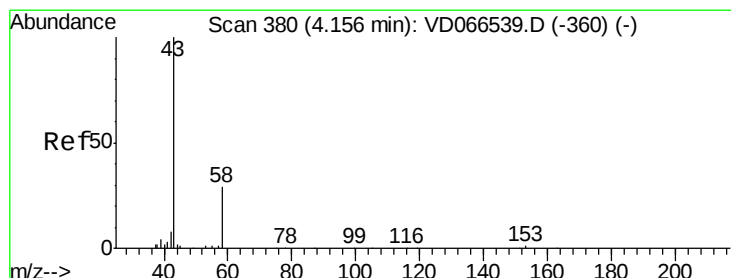
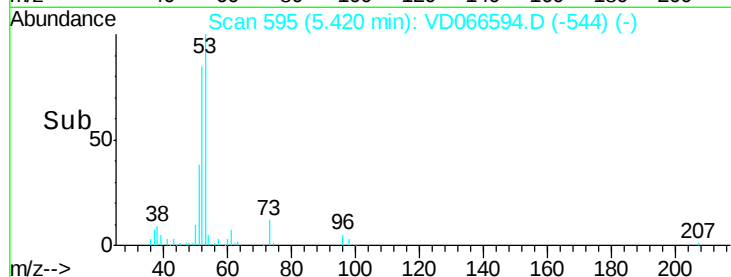
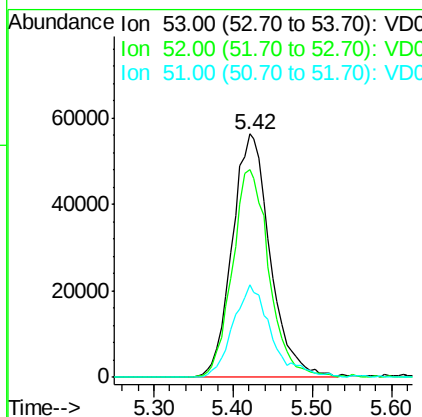
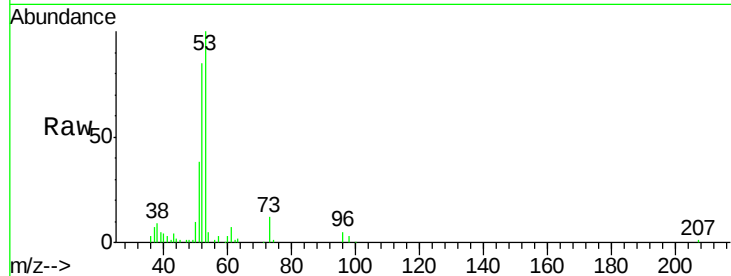
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	186681
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.4	98.2
51	38.5	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 208.845 ug/l

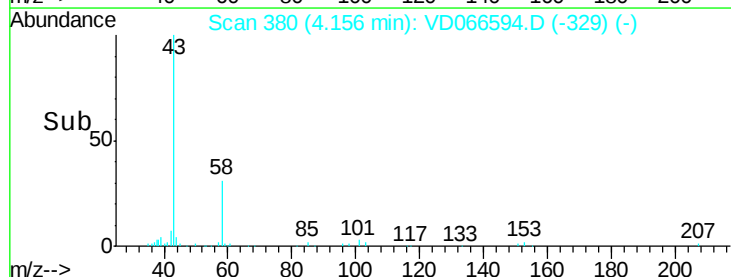
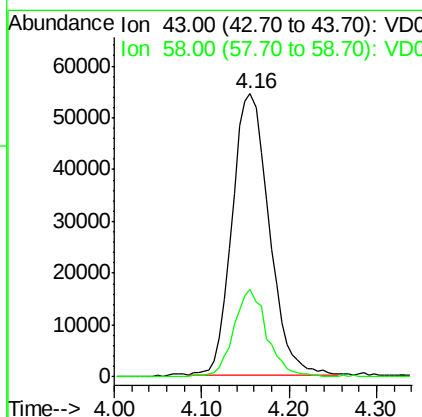
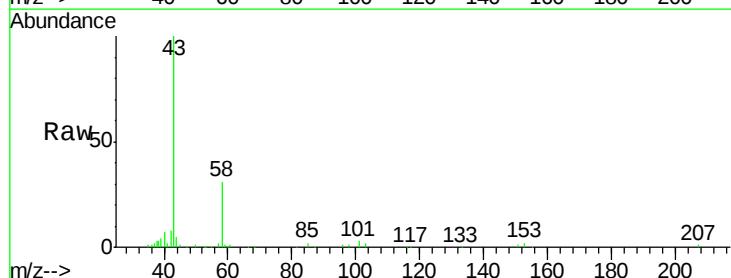
RT: 4.16 min Scan# 380

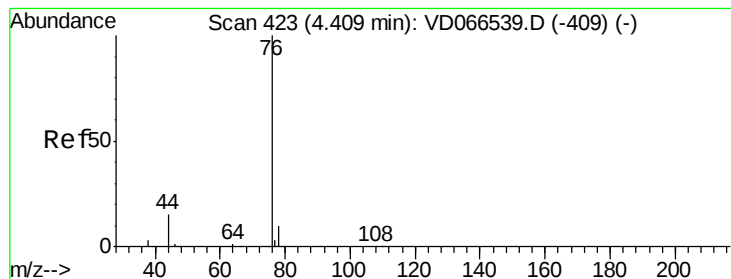
Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion:	43	Resp:	155200
Ion Ratio	Lower	Upper	
43	100		
58	31.3	22.9	34.3





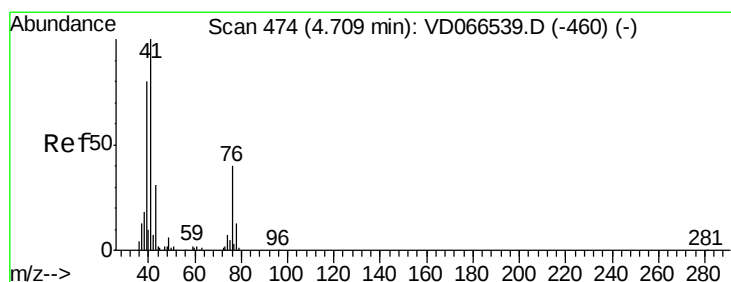
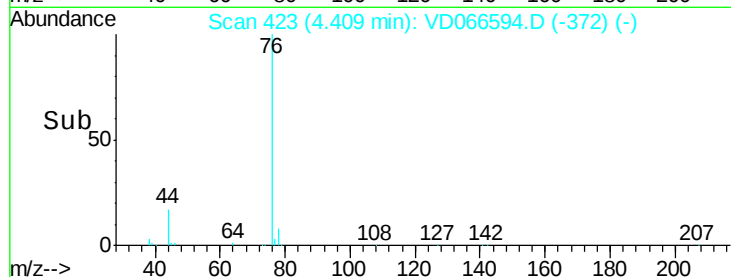
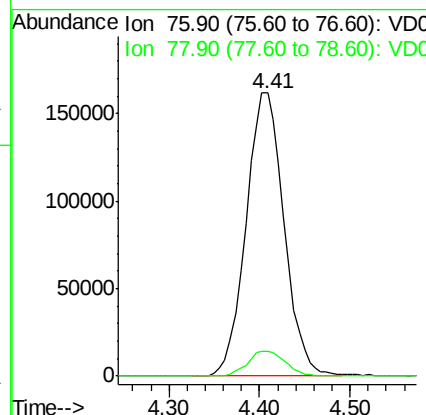
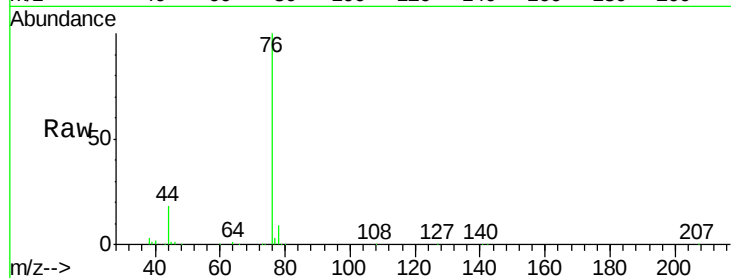
#17
Carbon Disulfide
Concen: 42.496 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4

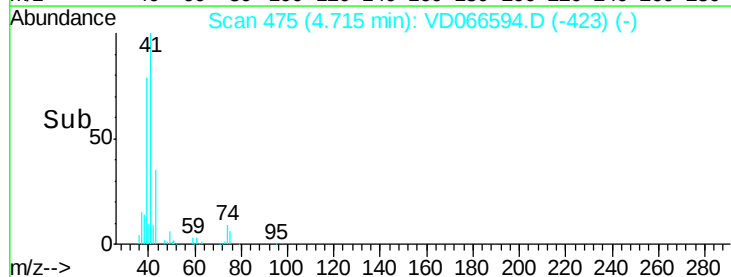
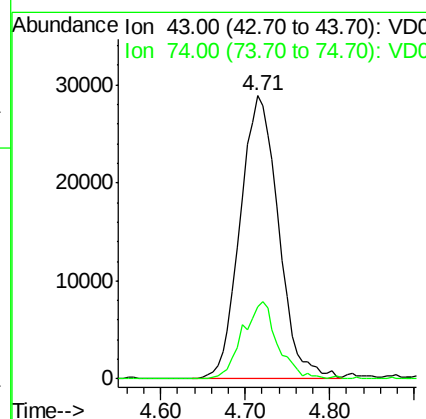
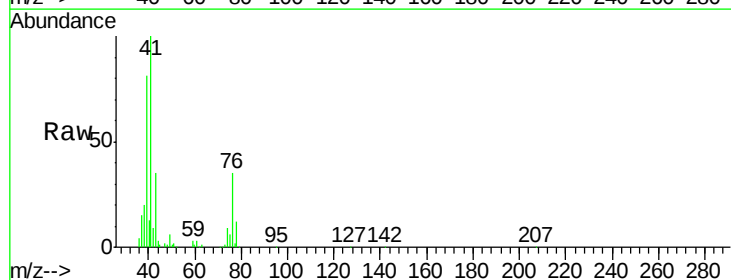
Manual Integrations
APPROVED

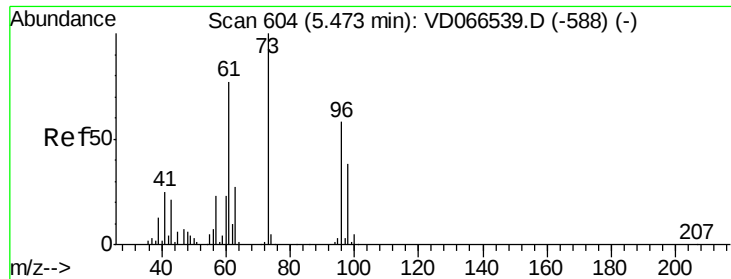
MMDadoda
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#18
Methyl Acetate
Concen: 51.506 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.0	27.0





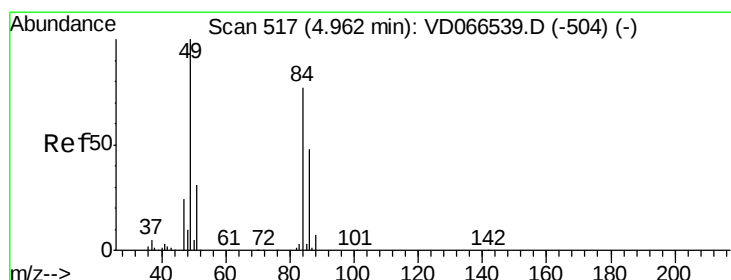
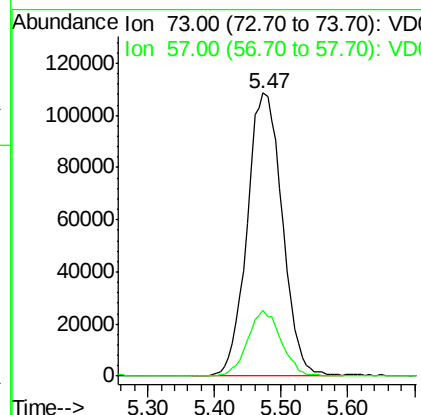
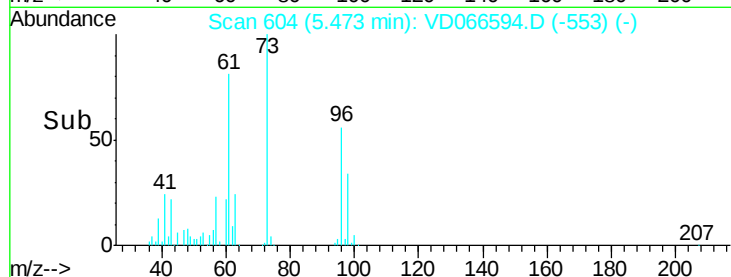
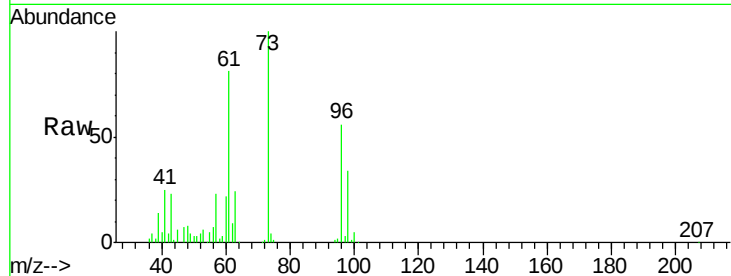
#19
Methyl tert-butyl Ether
Concen: 50.012 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 394438
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5

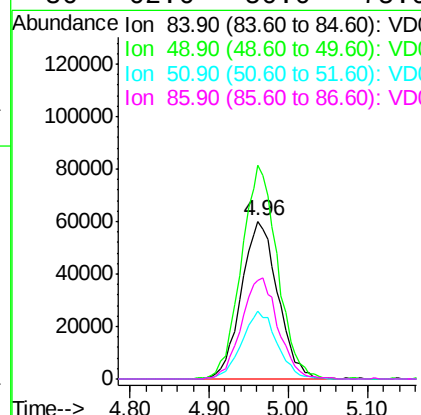
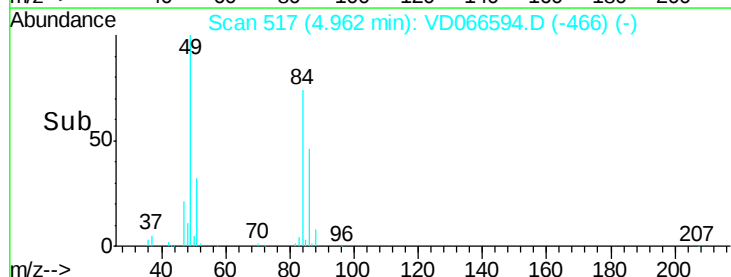
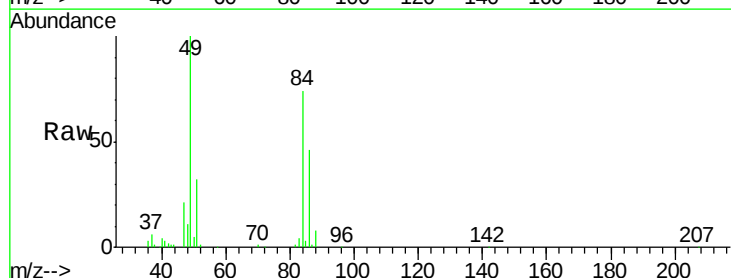
Manual Integrations
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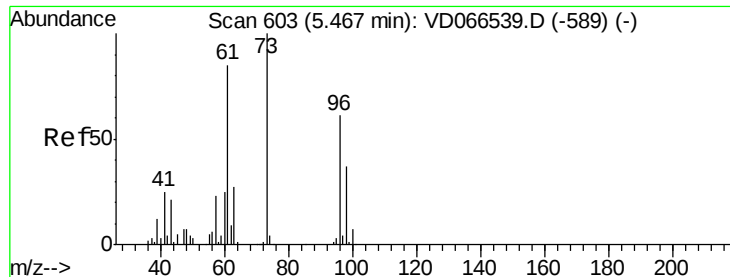
MMDadoda
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#20
Methylene Chloride
Concen: 47.119 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 84 Resp: 192371
Ion Ratio Lower Upper
84 100
49 135.1 104.3 156.5
51 42.6 32.2 48.4
86 62.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 46.430 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 185433

Ion Ratio Lower Upper

96 100

61 137.0 112.1 168.1

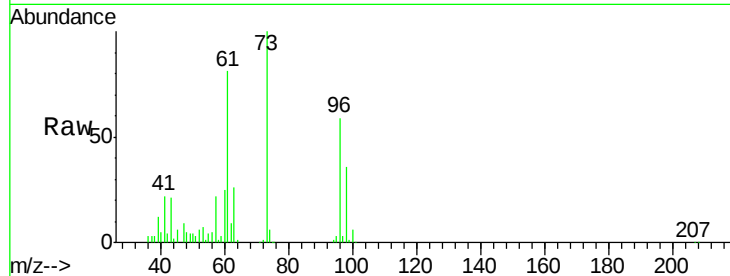
98 60.8 48.6 72.8

Manual Integrations

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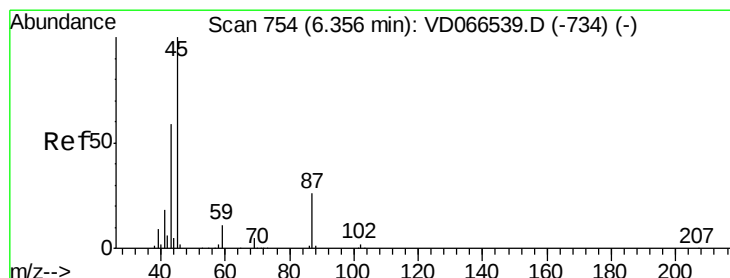
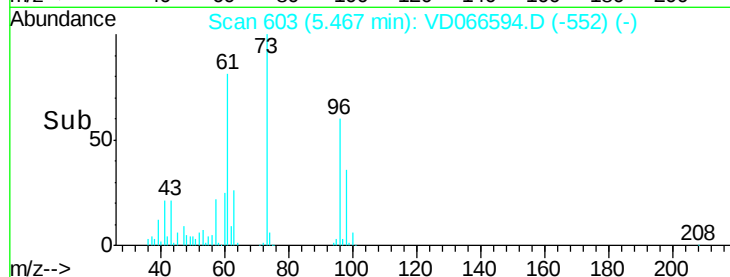
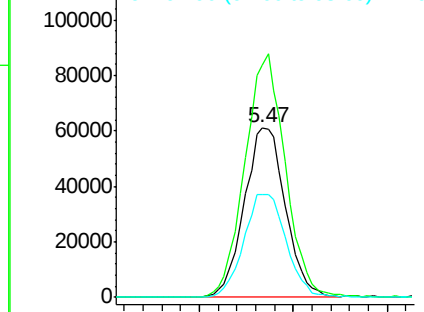


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 51.017 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion: 45 Resp: 578265

Ion Ratio Lower Upper

45 100

43 59.6 47.0 70.4

87 24.9 21.3 31.9

59 10.7 8.7 13.1

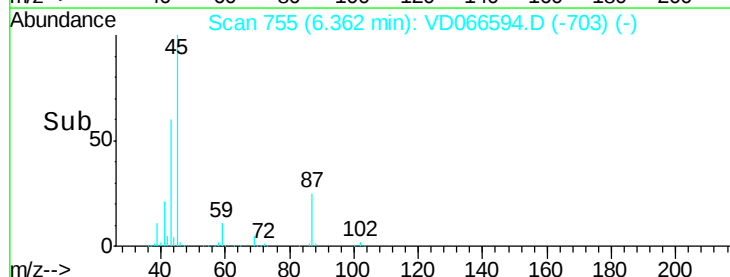
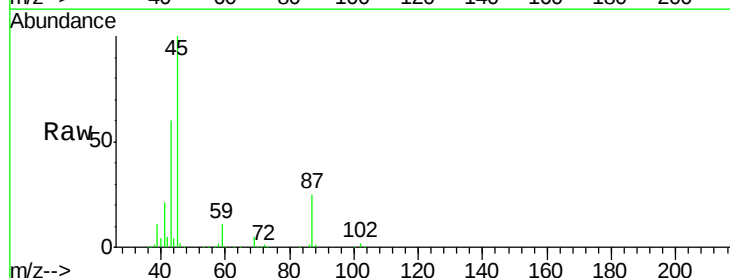
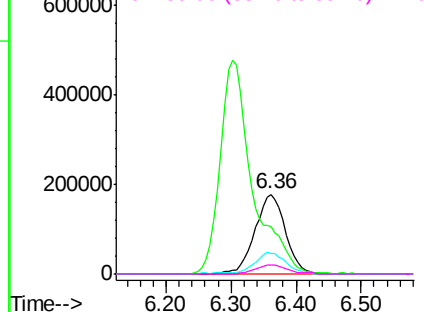
Abundance

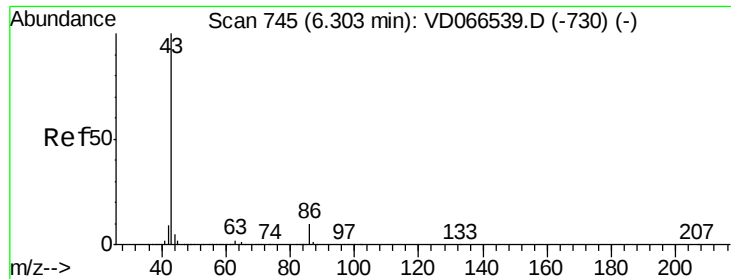
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 255.124 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1645618

Ion Ratio Lower Upper

43 100

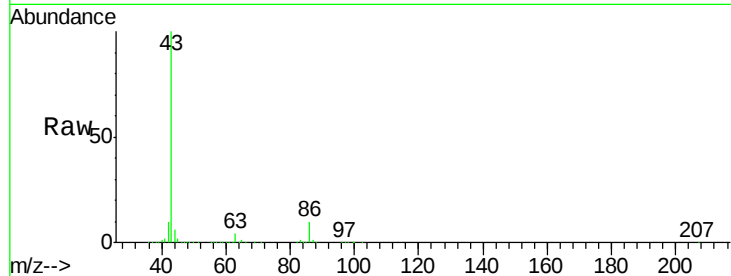
86 10.3 7.7 11.5

Manual Integrations

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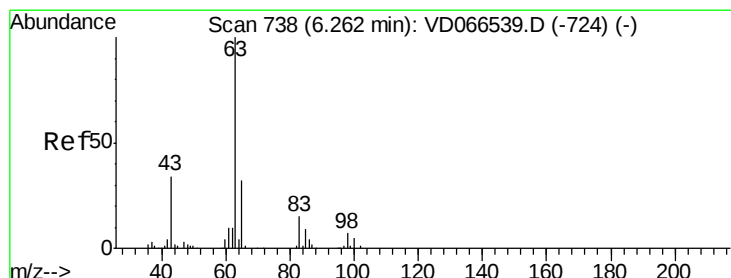
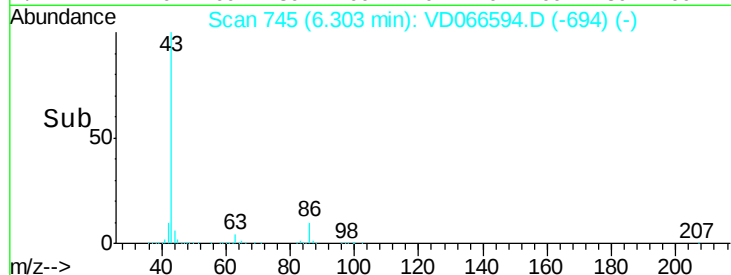
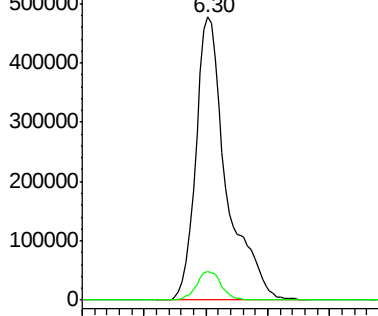
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.154 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

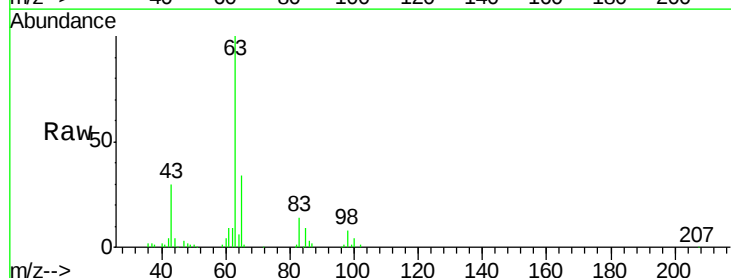
Tgt Ion: 63 Resp: 328984

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

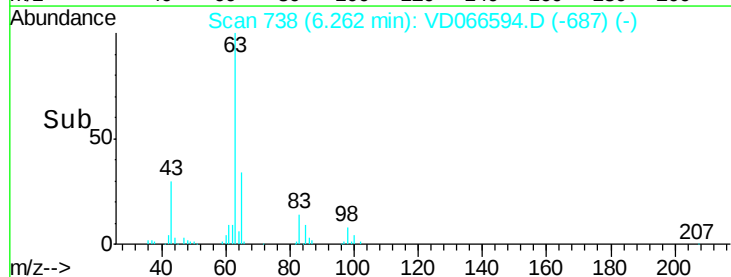
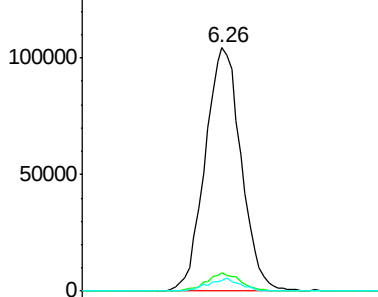
100 4.3 2.5 7.4

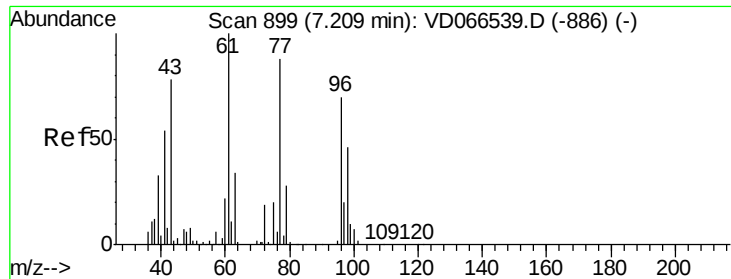


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





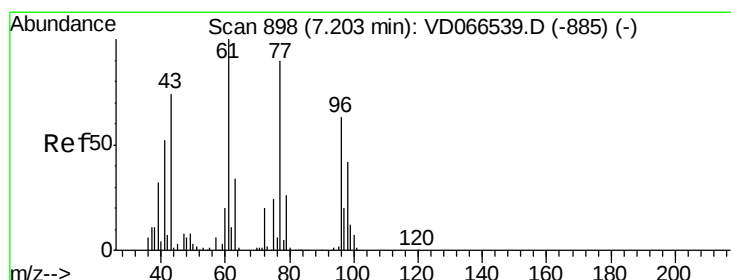
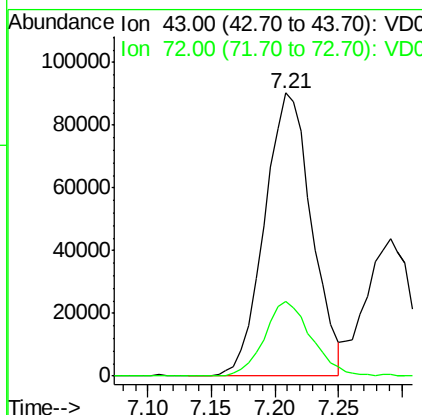
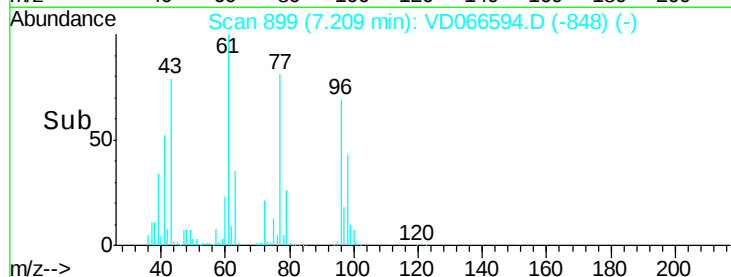
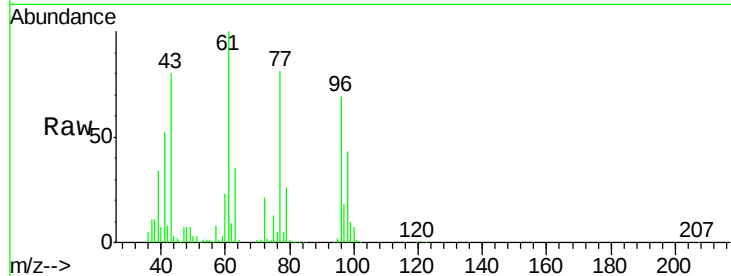
#25
2-Butanone
Concen: 235.109 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 234540
Ion Ratio Lower Upper
43 100
72 26.4 19.8 29.6

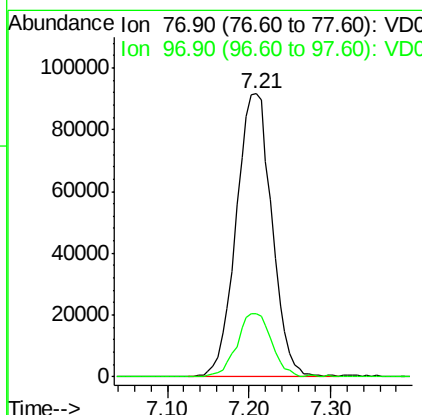
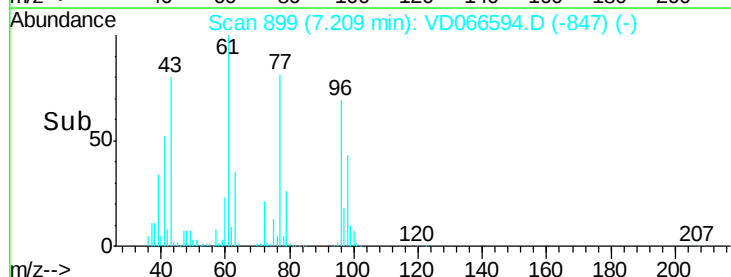
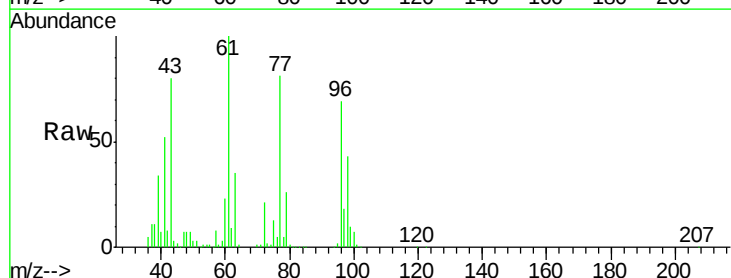
Manual Integrations
APPROVED

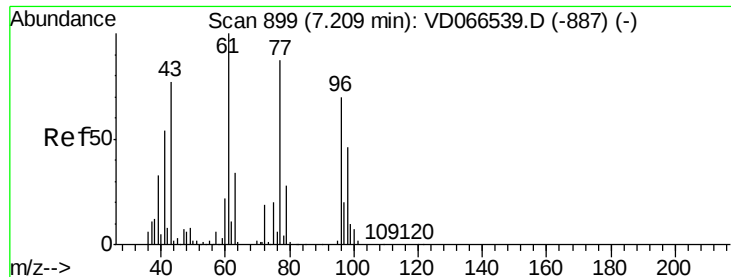
MMDadoda
9/10/2020 10:46:56 AM



#26
2,2-Dichloropropane
Concen: 42.542 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 77 Resp: 278154
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27

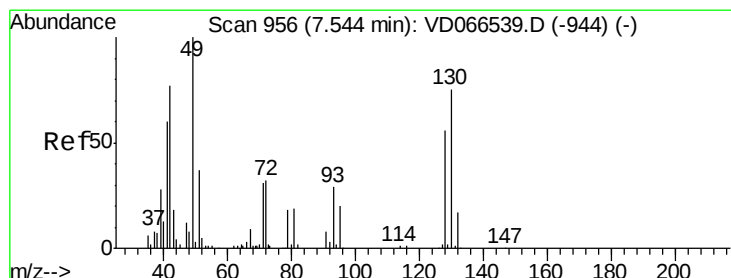
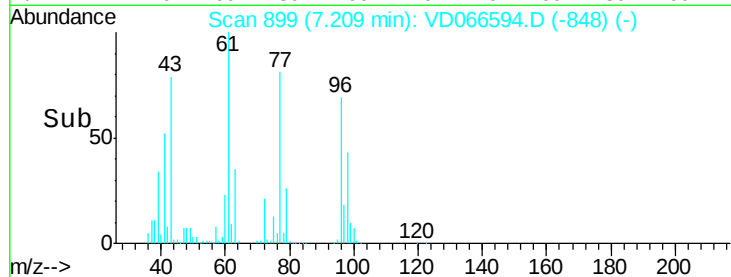
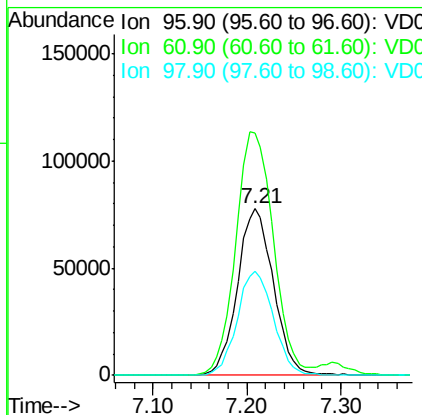
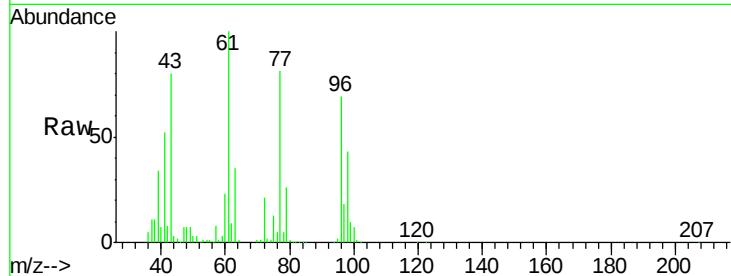
cis-1,2-Dichloroethene
Concen: 47.862 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	205559		
61	153.8		0.0	301.0
98	63.2		0.0	129.8

Manual Integrations
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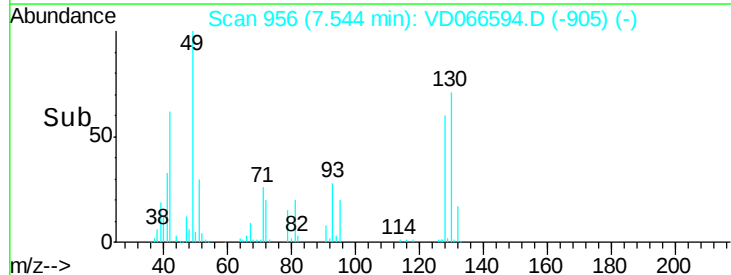
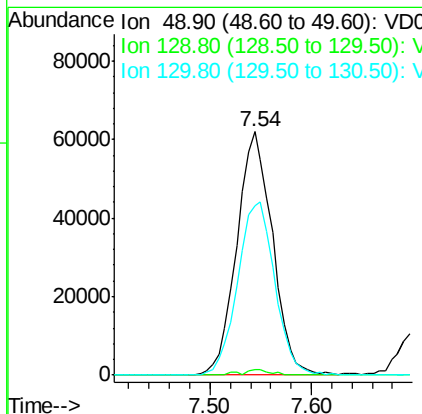
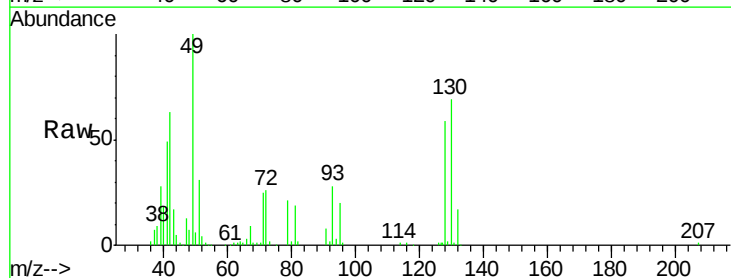
MMDadoda
9/10/2020 10:46:56 AM

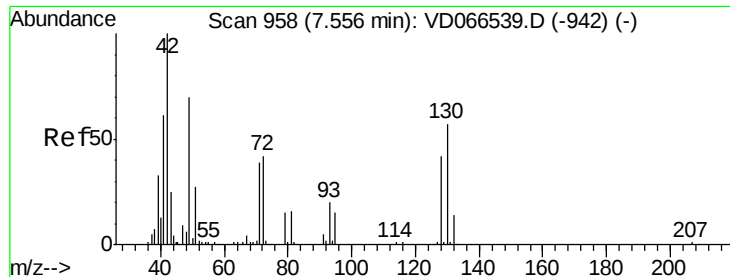


#28

Bromochloromethane
Concen: 55.210 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151507		
129	1.3		0.0	2.6
130	74.0		58.2	87.2





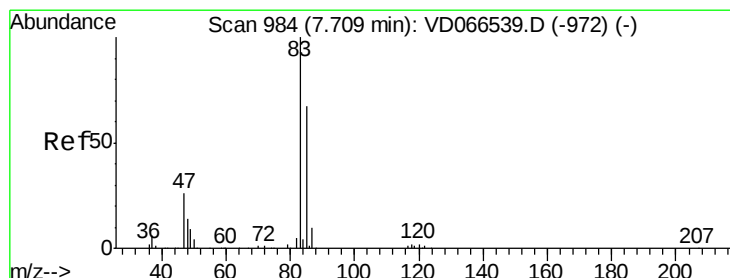
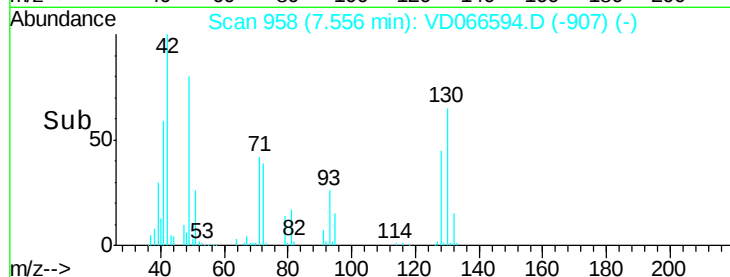
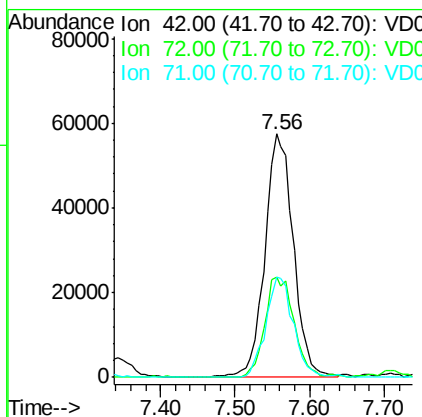
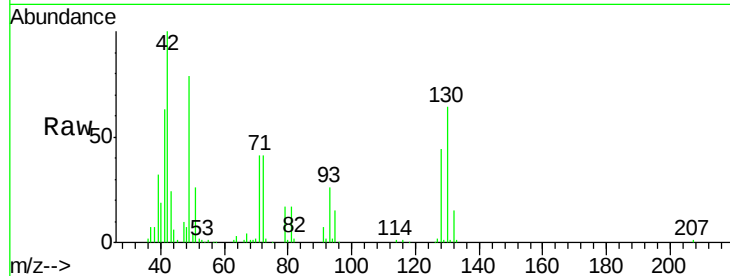
#29
Tetrahydrofuran
Concen: 245.202 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.4	50.0
71	39.7	31.9	47.9

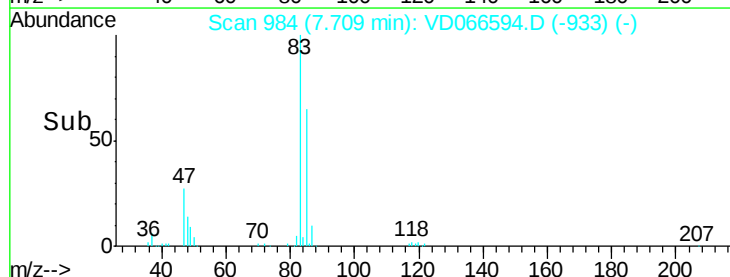
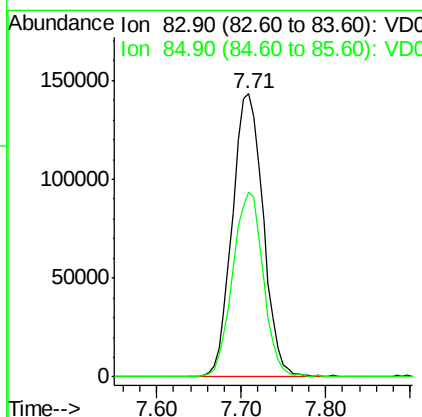
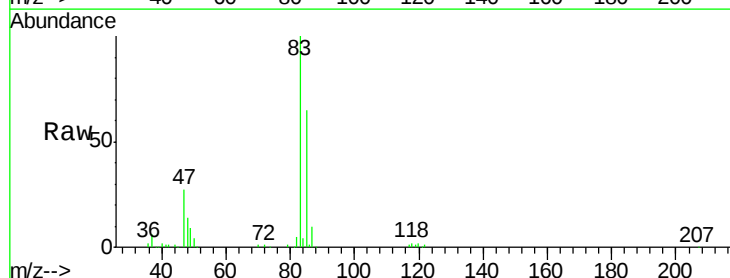
Manual Integrations
APPROVED

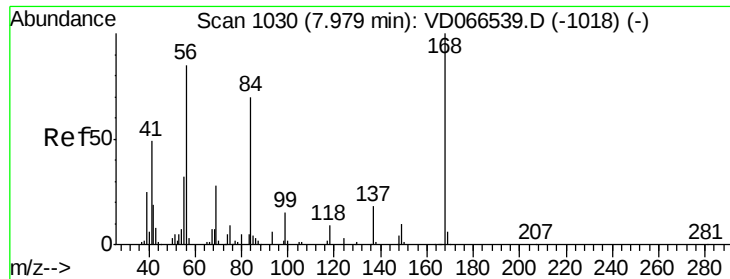
MMDadoda
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#30
Chloroform
Concen: 48.100 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.6	80.4





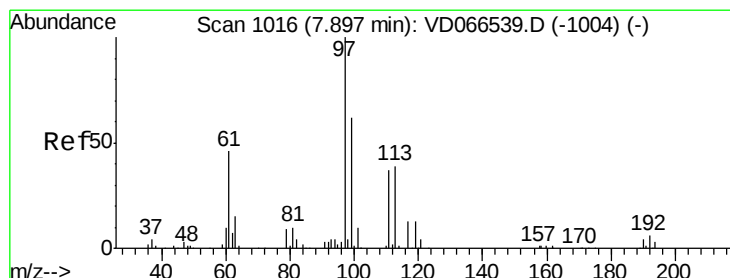
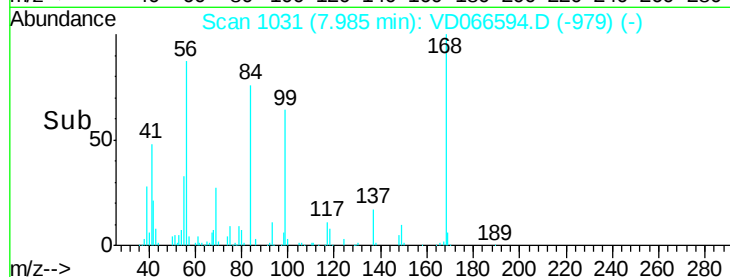
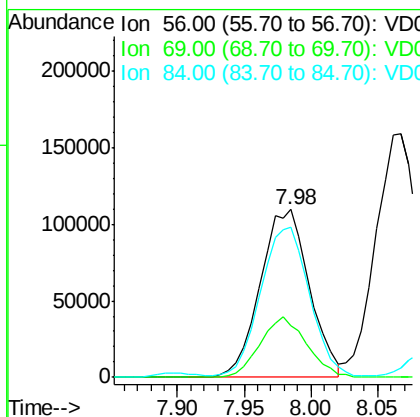
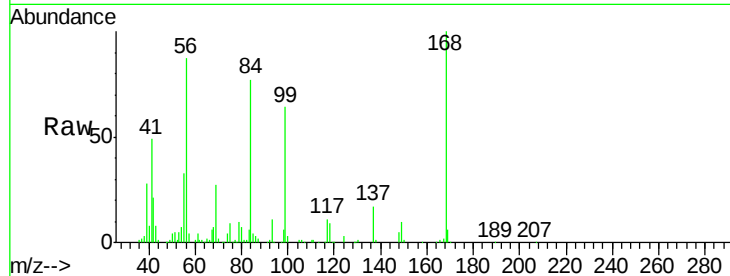
#31
Cyclohexane
Concen: 42.459 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	26.3	39.5
84	87.5	66.1	99.1

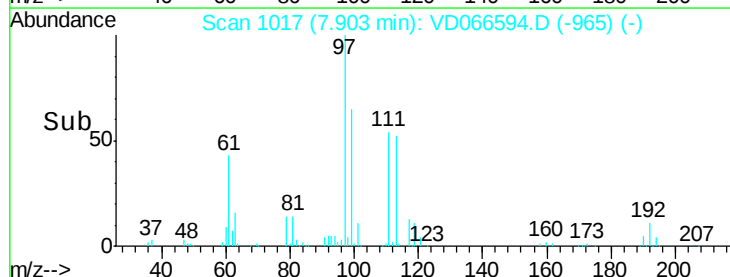
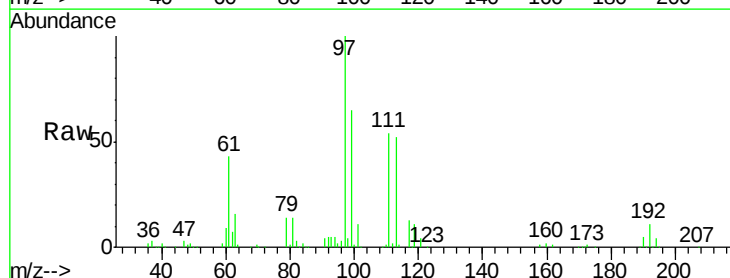
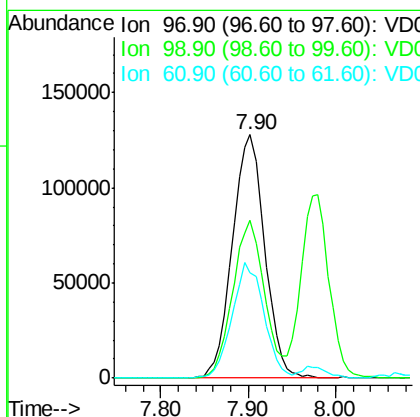
Manual Integrations
APPROVED

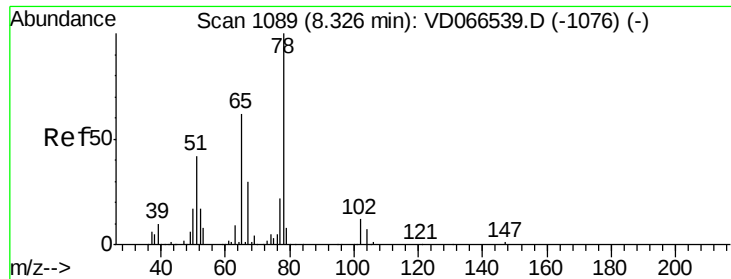
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#32
1,1,1-Trichloroethane
Concen: 45.255 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.0
61	46.6	37.4	56.0





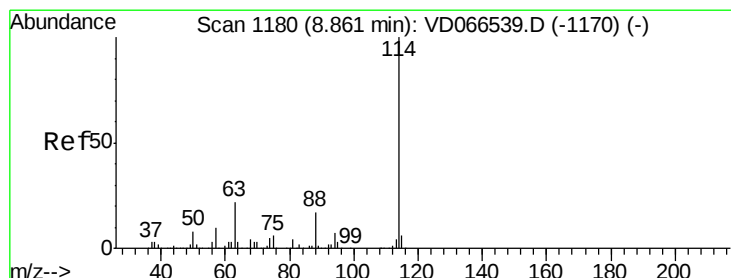
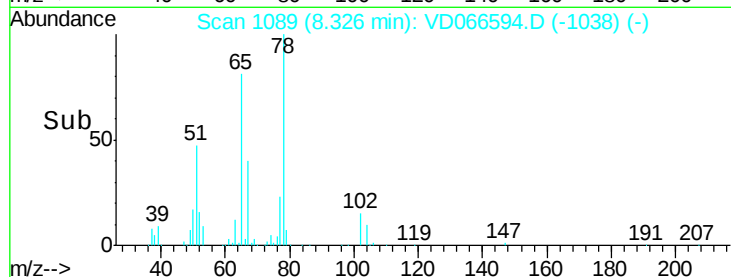
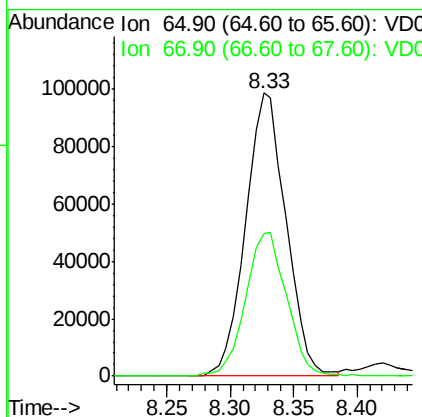
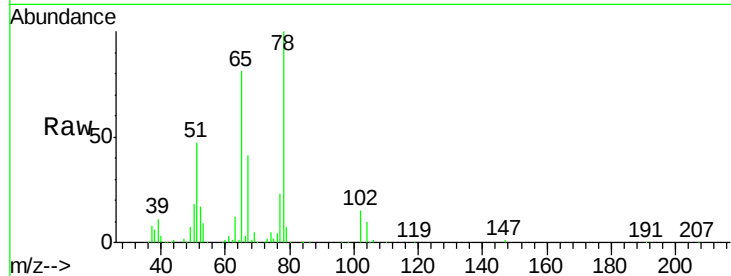
#33
 1,2-Dichloroethane-d4
 Concen: 54.170 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218786		
67	51.5	0.0	102.8	

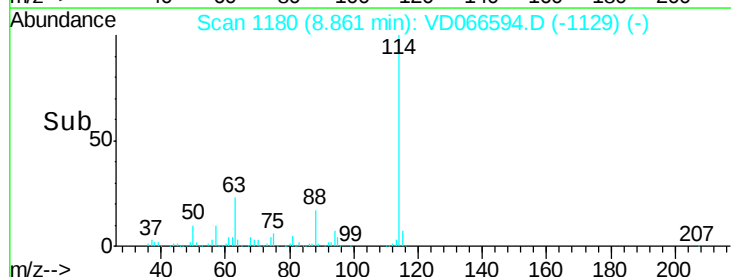
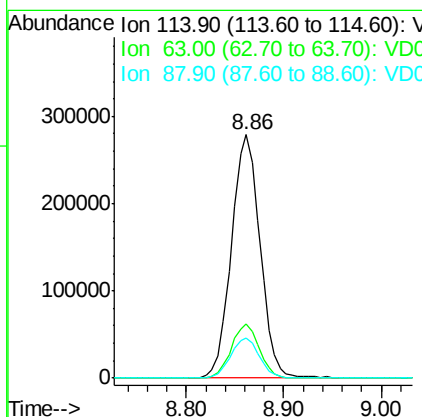
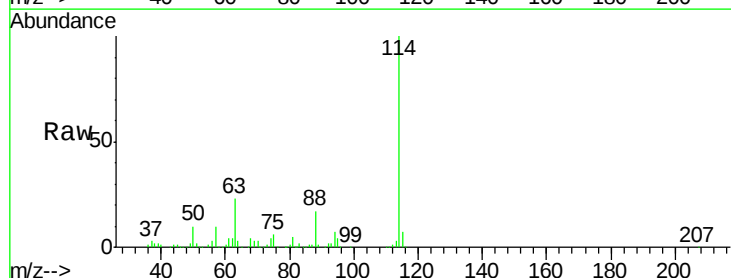
Manual Integrations
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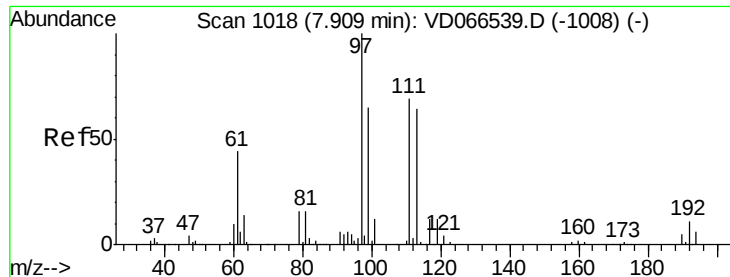
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 9/10/2020 10:46:56 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	567352		
63	22.5	0.0	43.2	
88	16.6	0.0	33.2	





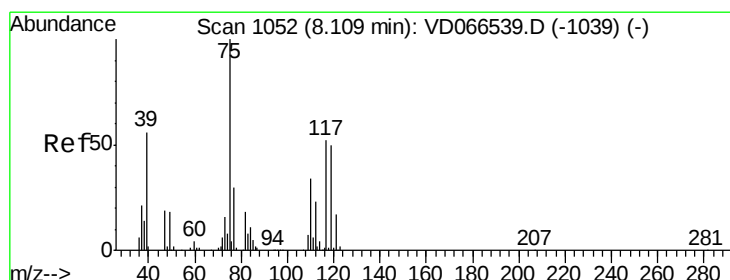
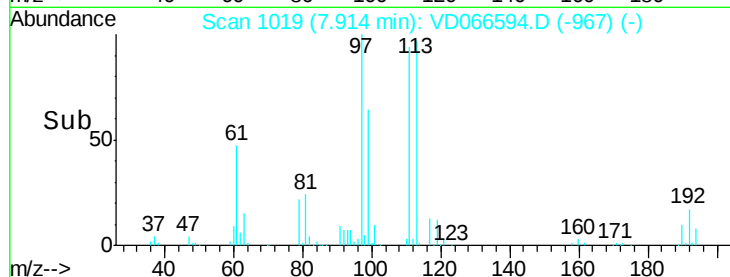
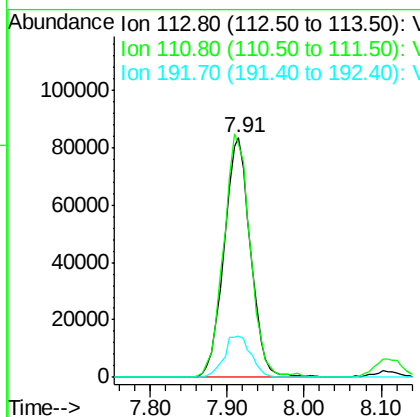
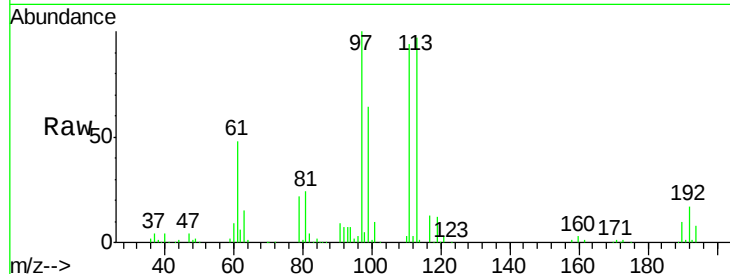
#35
 Dibromofluoromethane
 Concen: 52.204 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	199806		
111	101.6	83.2	124.8	
192	17.7	13.7	20.5	

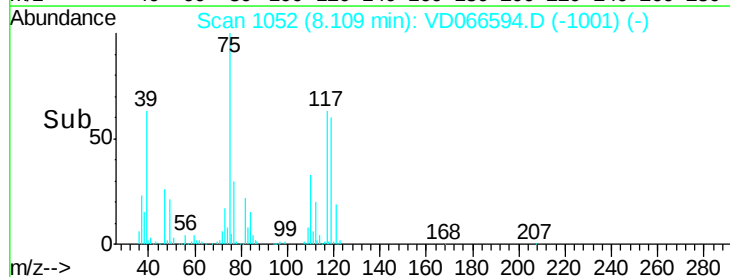
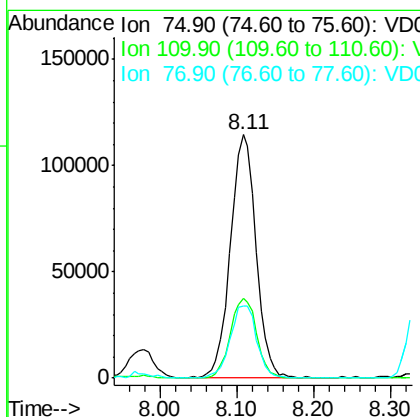
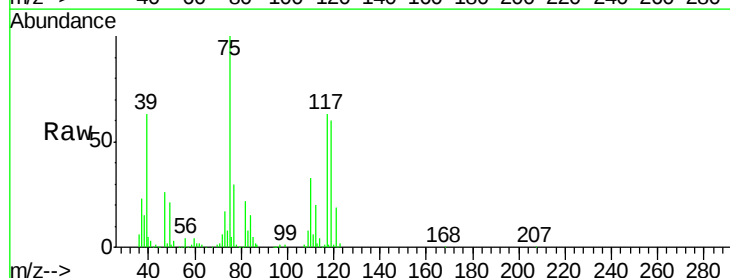
Manual Integrations
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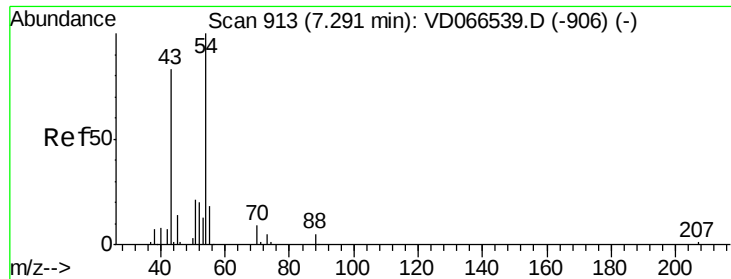
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#36
 1,1-Dichloropropene
 Concen: 45.381 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	267947		
110	33.4	17.3	52.0	
77	31.0	25.1	37.7	





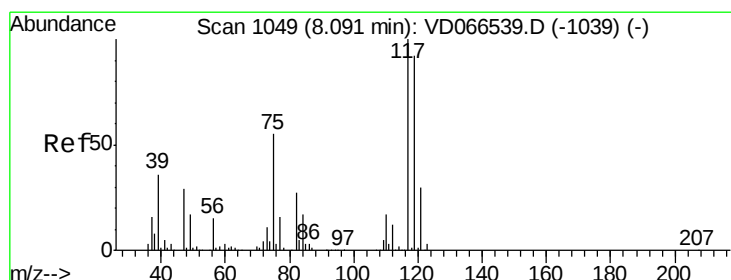
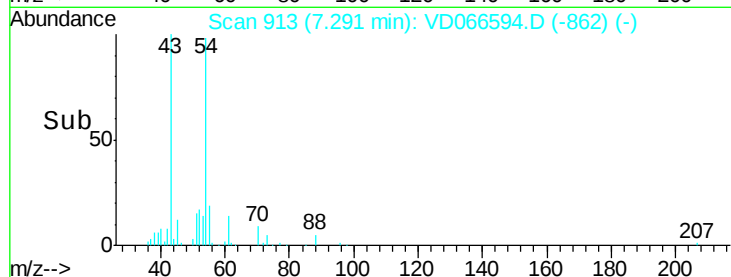
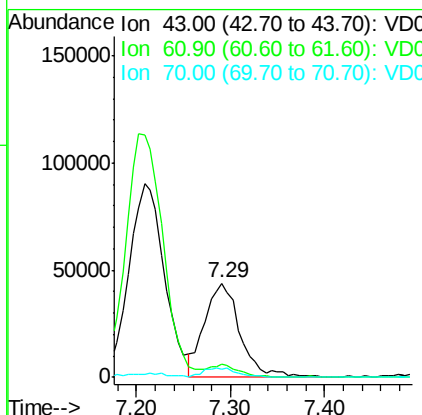
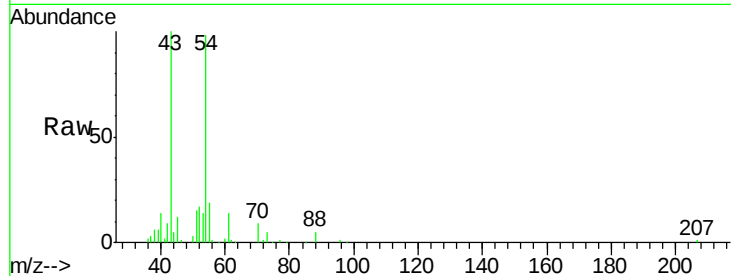
#37
Ethyl Acetate
Concen: 48.778 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.8	17.8
70	10.0	7.9	11.9

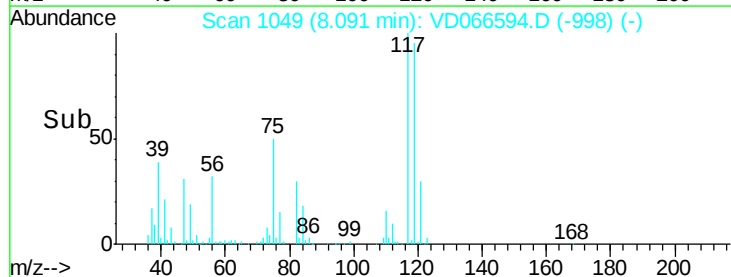
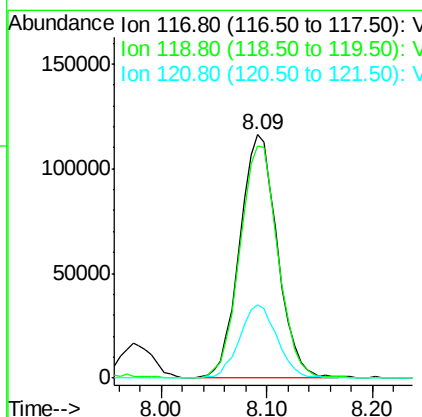
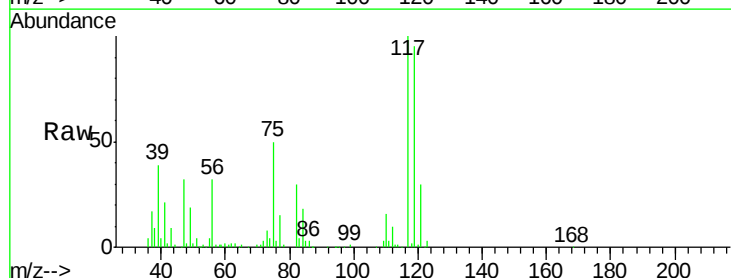
Manual Integrations
APPROVED

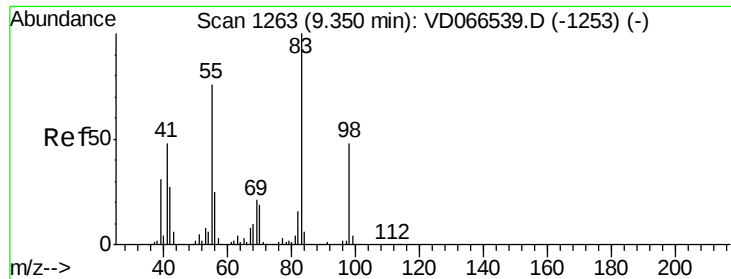
MMDadoda
9/10/2020 10:46:56 AM



#38
Carbon Tetrachloride
Concen: 45.752 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	73.9	110.9
121	30.3	24.1	36.1





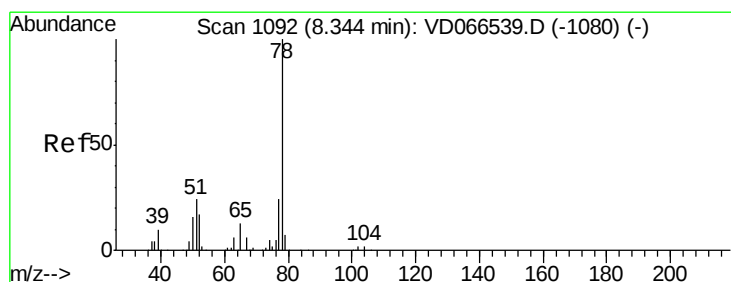
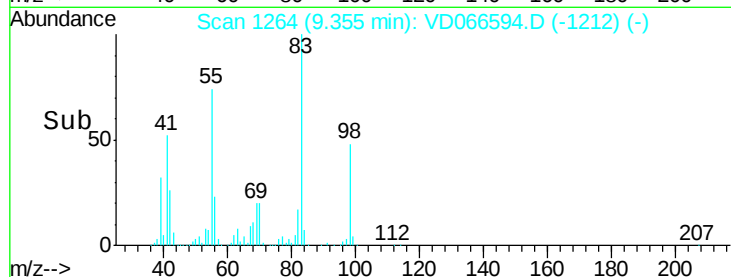
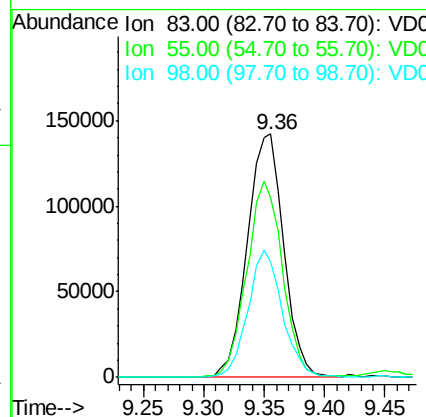
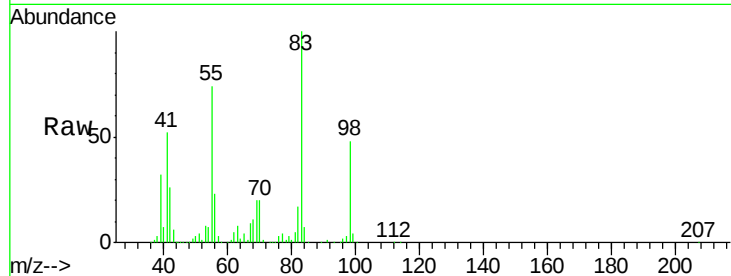
#39
Methvlcvclohexane
Concen: 45.357 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	299048		
55	73.6		60.8	91.2
98	47.5		38.6	58.0

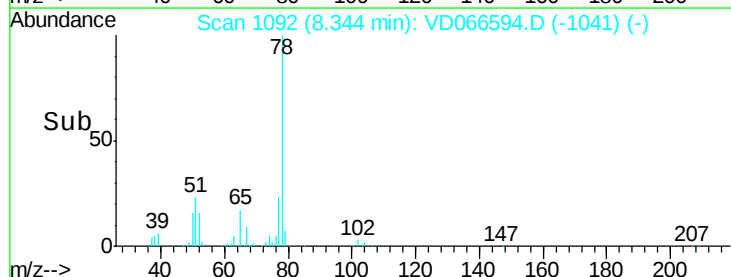
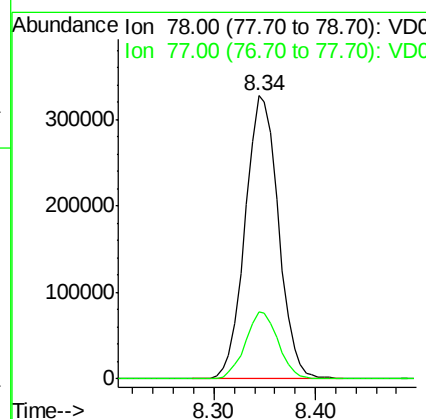
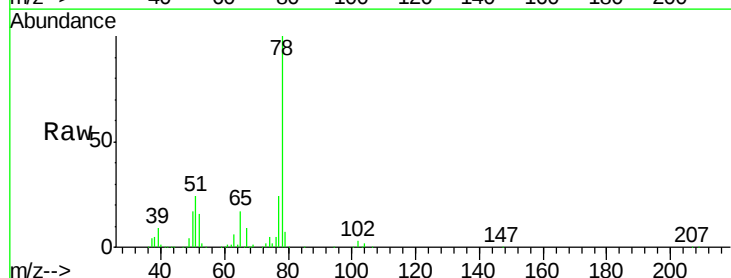
Manual Integrations
APPROVED

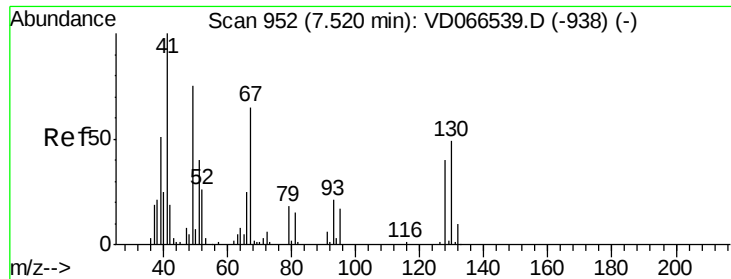
MMDadoda
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#40
Benzene
Concen: 46.166 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	746545		
77	23.5		19.1	28.7





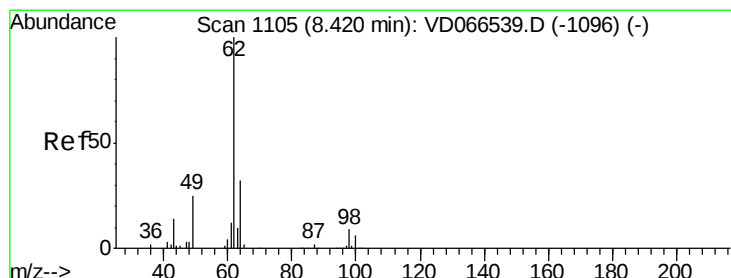
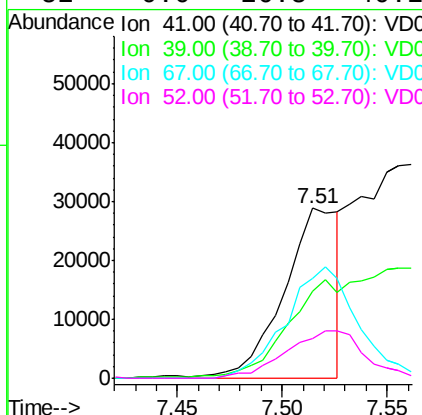
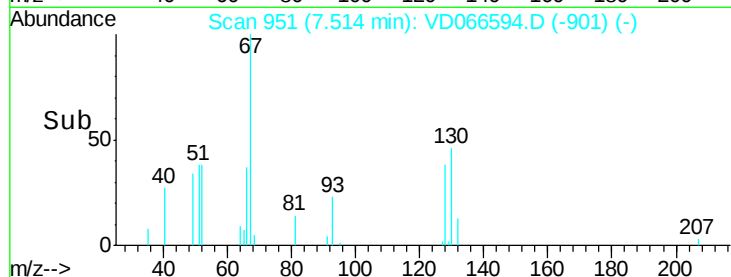
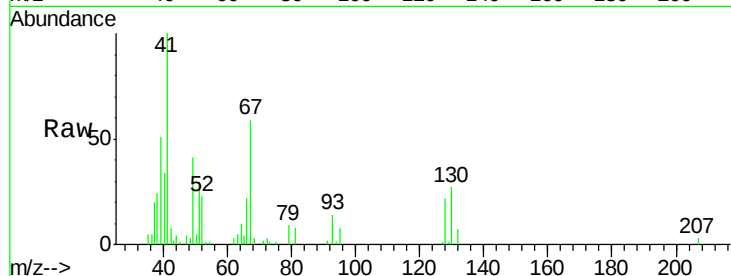
#41
Methacrylonitrile
Concen: 46.531 ug/l m
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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

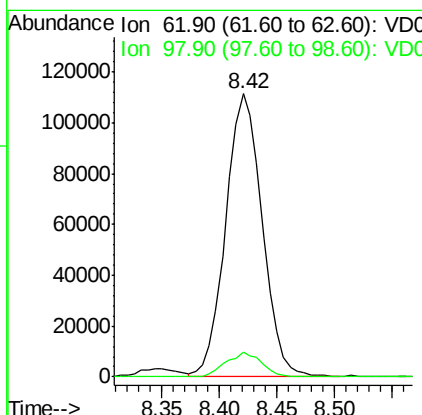
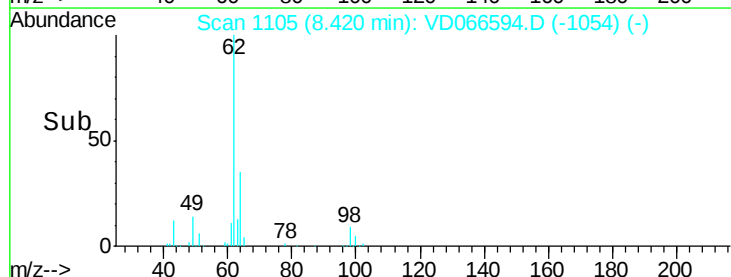
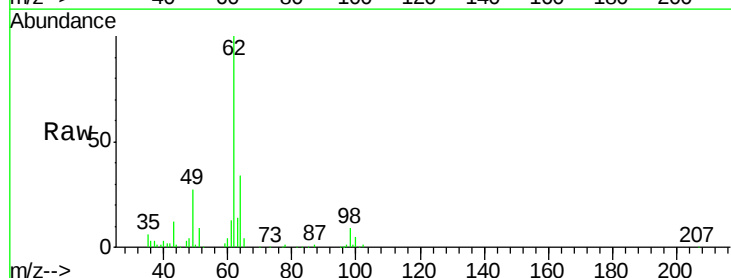
Manual Integrations
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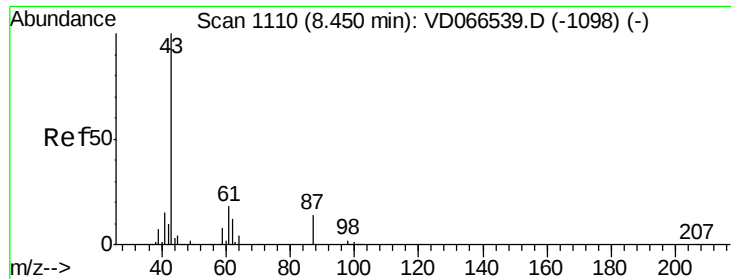
MMDadoda
9/10/2020 10:46:56 AM



#42
1,2-Dichloroethane
Concen: 46.347 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





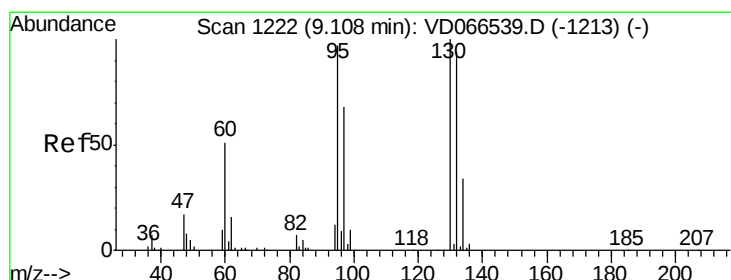
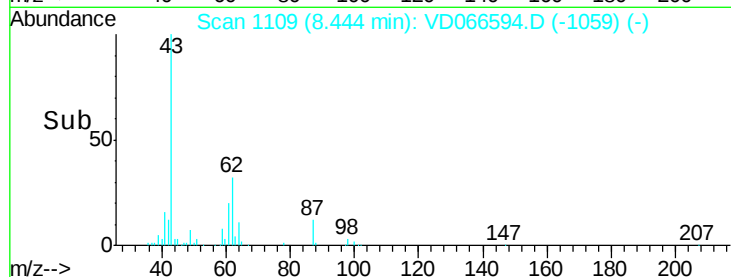
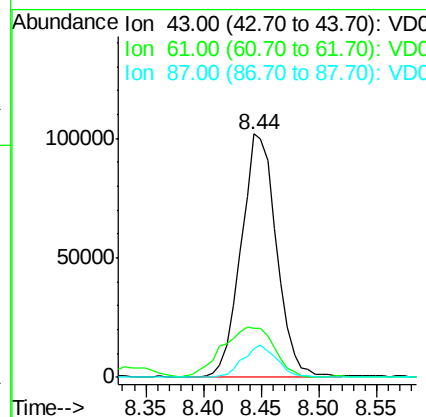
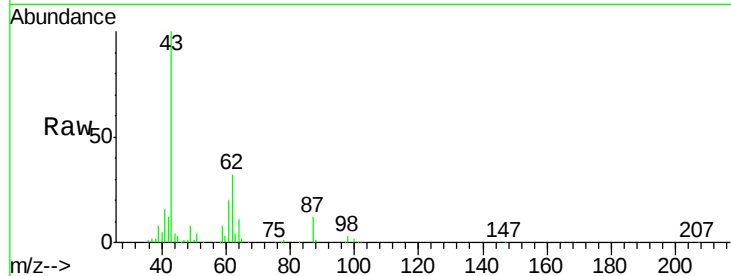
#43
Isopropyl Acetate
Concen: 48.193 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	217139		
61	30.4		23.8	35.8
87	12.8		10.7	16.1

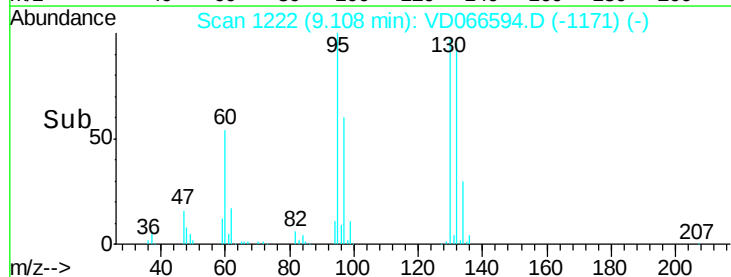
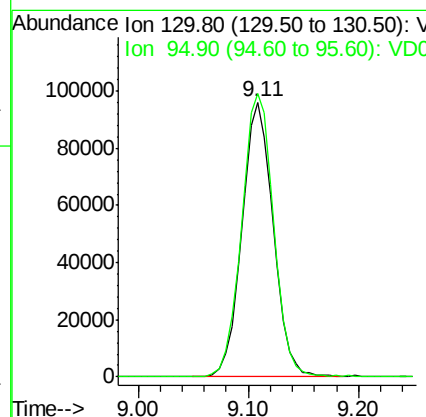
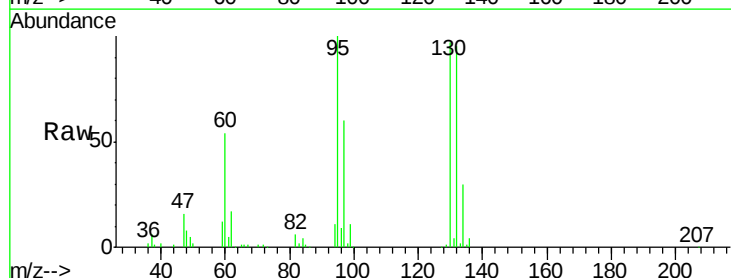
Manual Integrations
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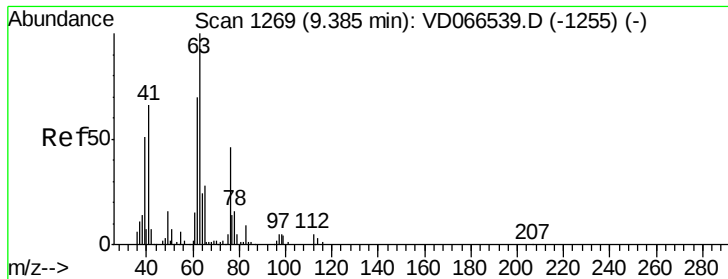
MMDadoda
9/10/2020 10:46:56 AM



#44
Trichloroethene
Concen: 45.144 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	191492		
95	103.1		0.0	194.4





#45

1,2-Dichloropropane

Concen: 46.643 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 189680

Ion Ratio Lower Upper

63 100

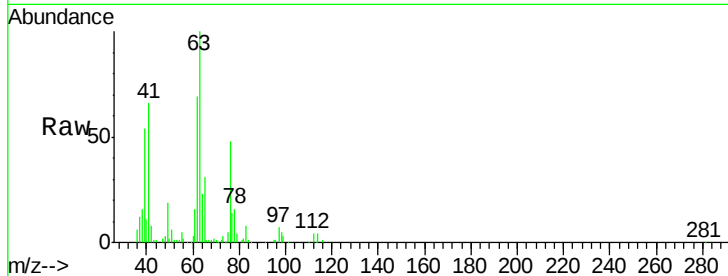
65 30.6 22.6 34.0

Manual Integrations

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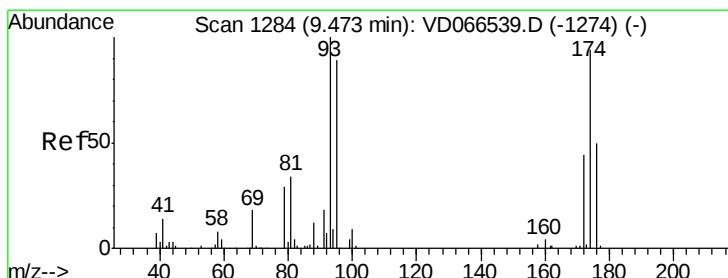
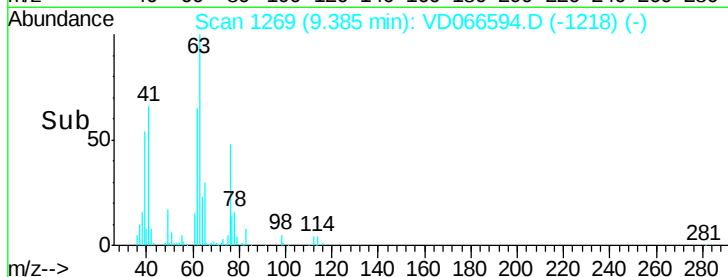
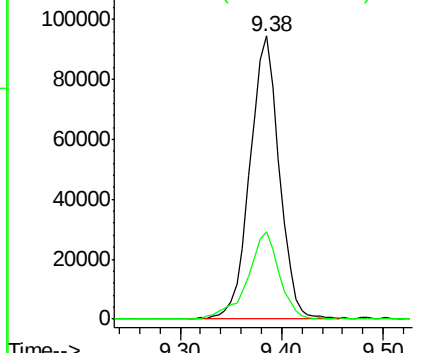
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 47.785 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

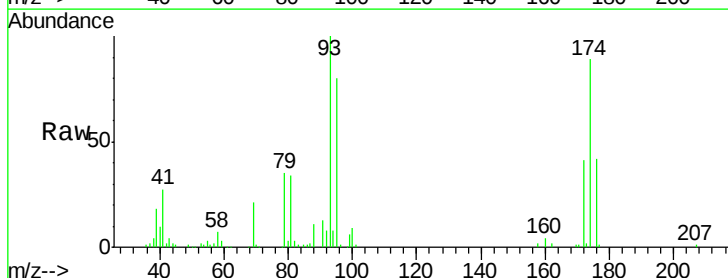
Tgt Ion: 93 Resp: 107211

Ion Ratio Lower Upper

93 100

95 82.6 68.7 103.1

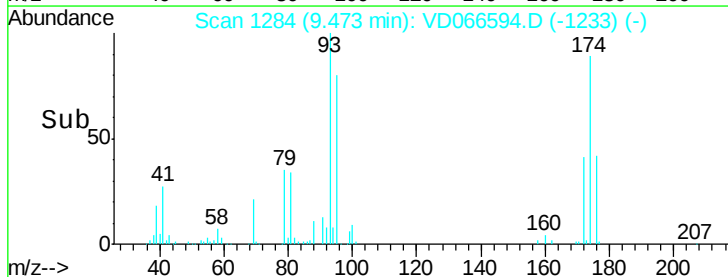
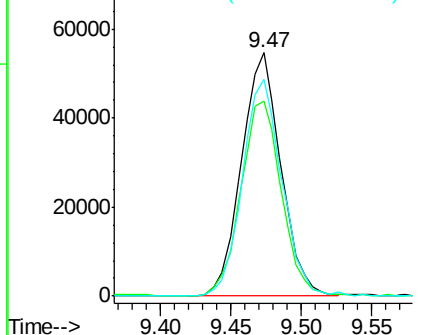
174 89.5 70.0 105.0

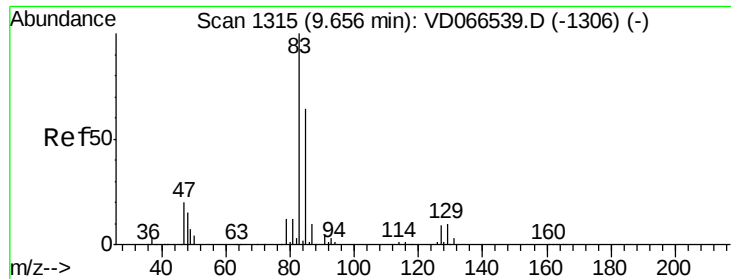


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.664 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

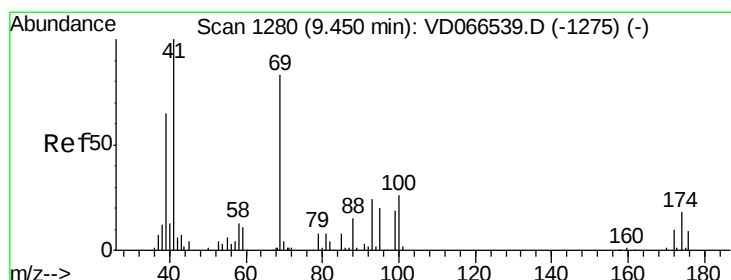
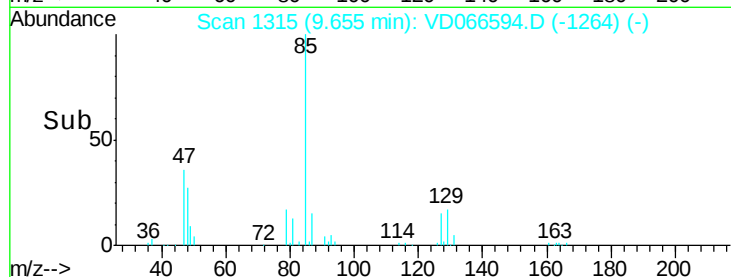
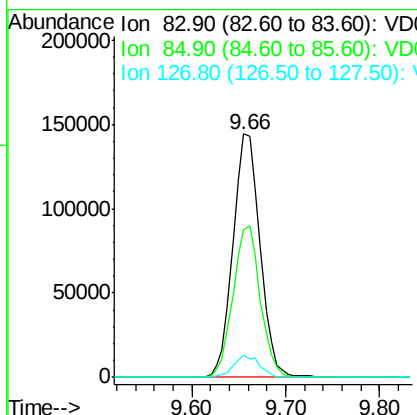
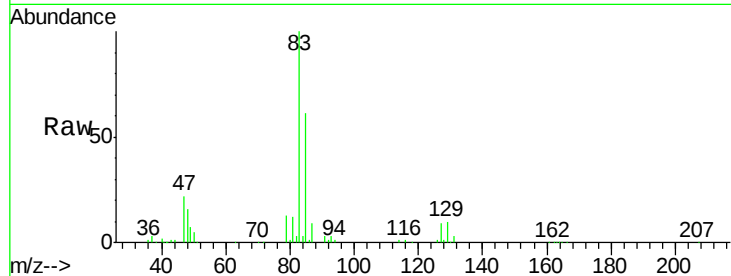
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	289331
Ion Ratio	Lower	Upper	
83	100		
85	60.7	51.1	76.7
127	8.9	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.282 ug/l

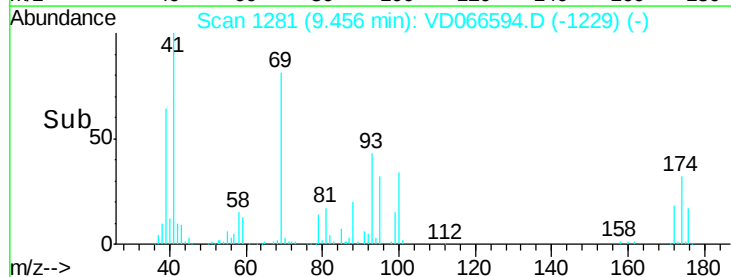
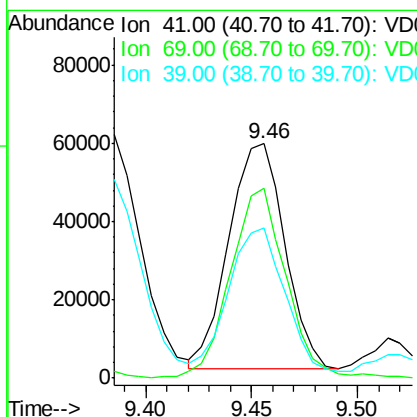
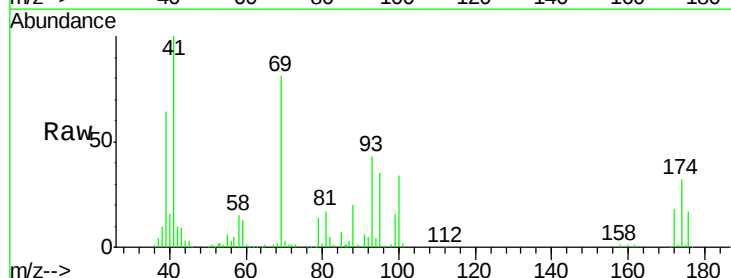
RT: 9.46 min Scan# 1281

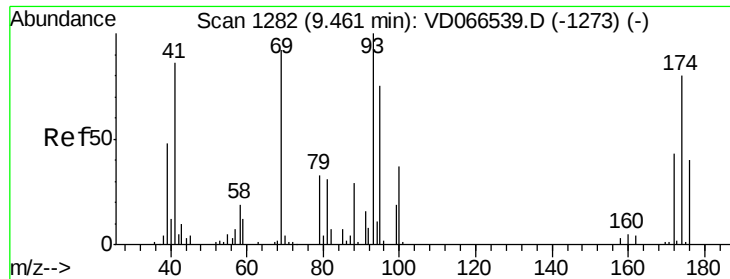
Delta R.T. 0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion:	41	Resp:	105444
Ion Ratio	Lower	Upper	
41	100		
69	84.6	64.5	96.7
39	69.4	46.6	69.8





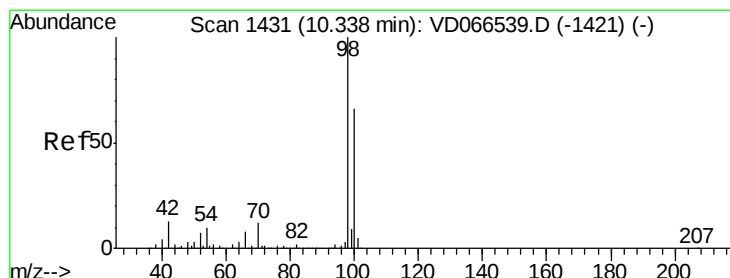
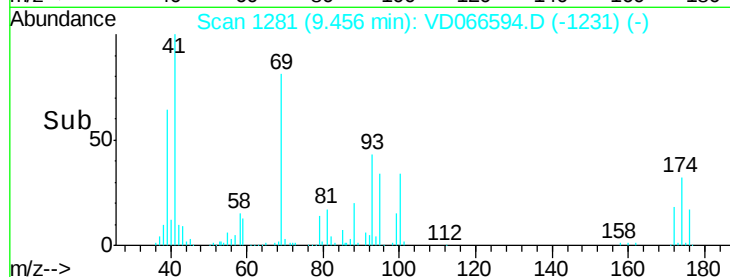
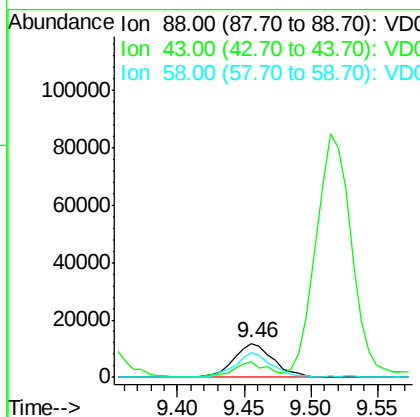
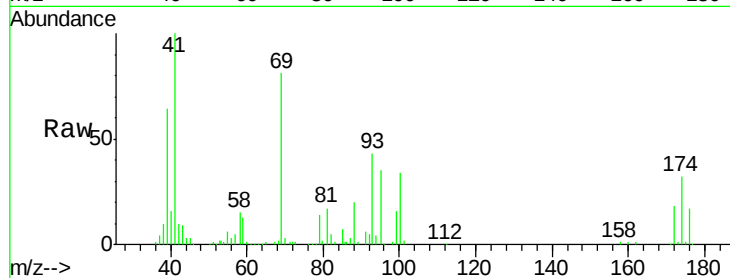
#49
 1,4-Dioxane
 Concen: 997.832 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	24561
Ion	Ratio	Lower	Upper
88	100		
43	40.4	28.3	42.5
58	68.6	56.1	84.1

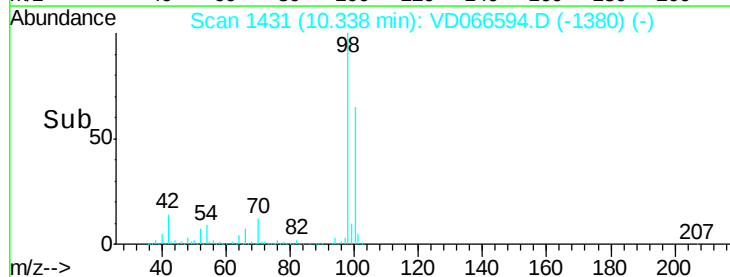
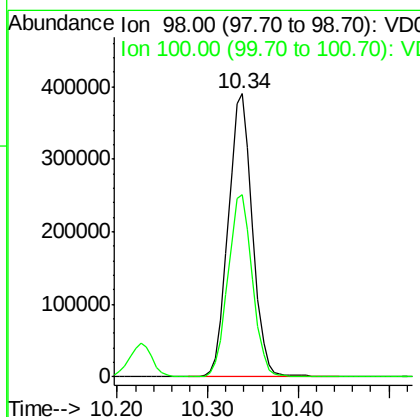
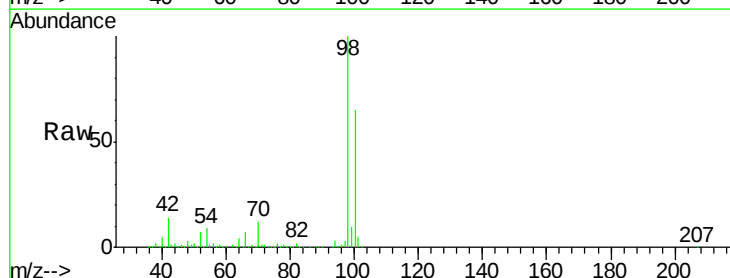
Manual Integrations
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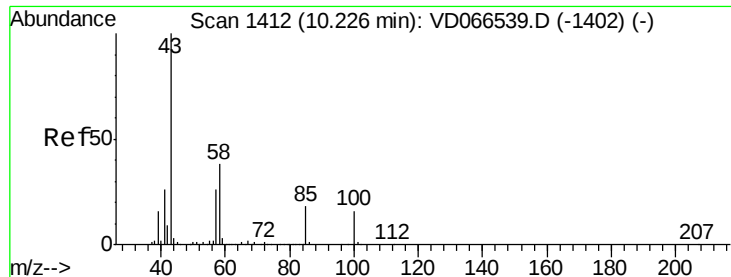
MMDadoda
 9/10/2020 10:46:56 AM



#50
 Toluene-d8
 Concen: 52.821 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	98	Resp	722570
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





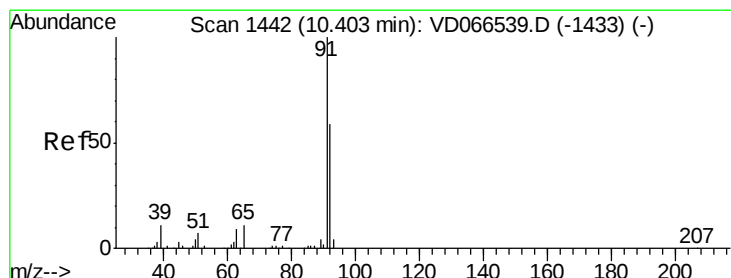
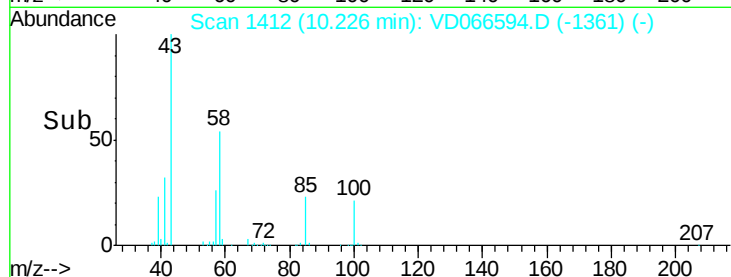
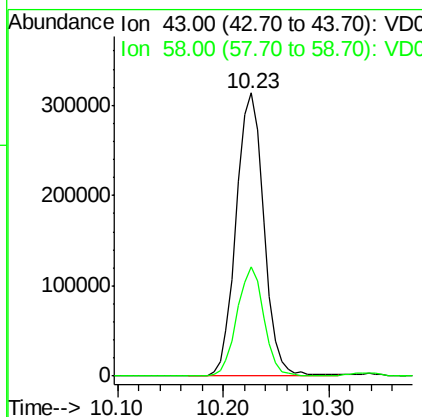
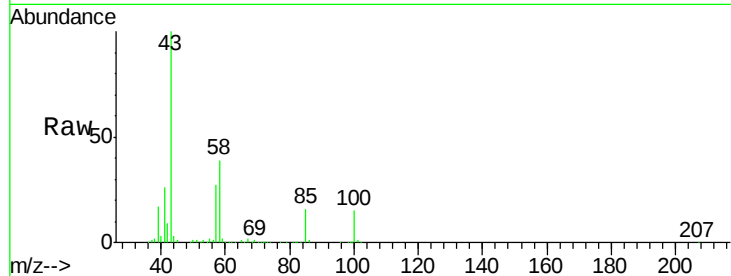
#51
4-Methyl-2-Pentanone
Concen: 250.559 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	569351
Ion Ratio	100	Lower	Upper
43	100		
58	37.4	30.5	45.7

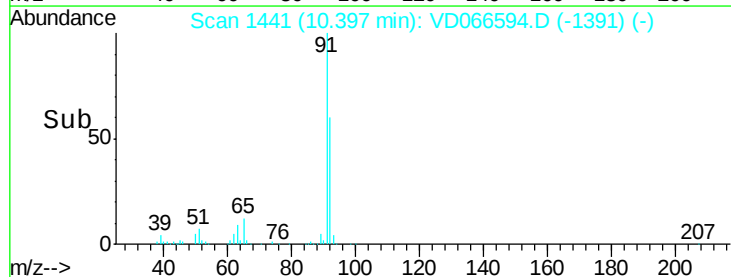
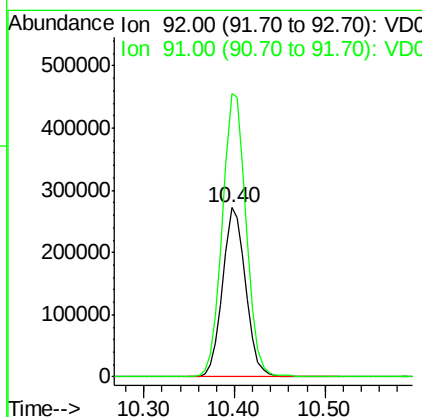
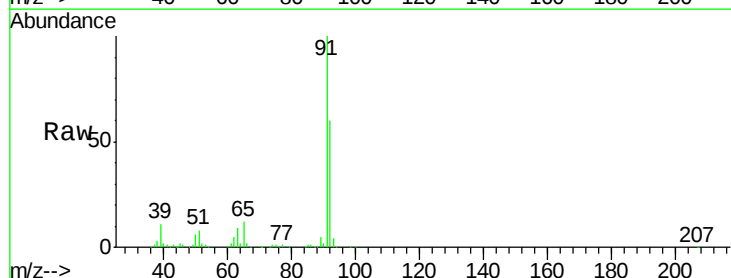
Manual Integrations
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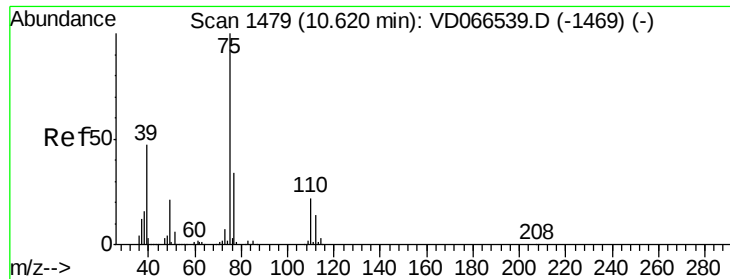
MMDadoda
9/10/2020 10:46:56 AM



#52
Toluene
Concen: 47.000 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	92	Resp	481104	
Ion Ratio	92	100	Lower	Upper
92	100			
91	172.7	137.4	206.2	





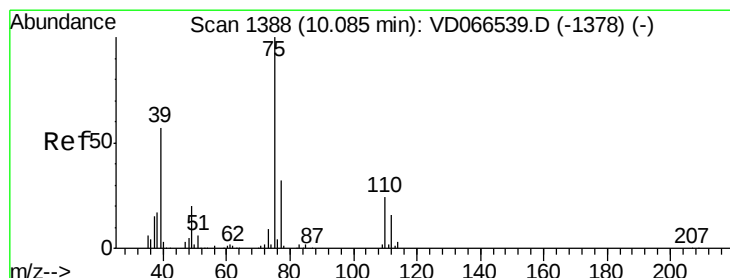
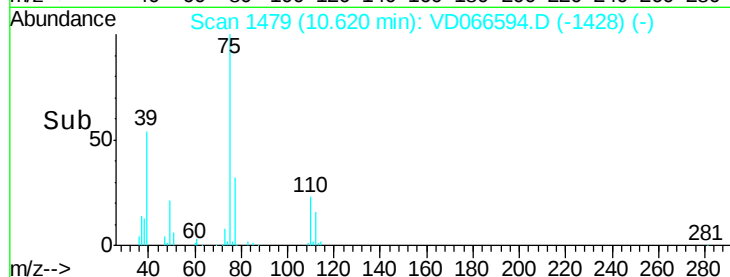
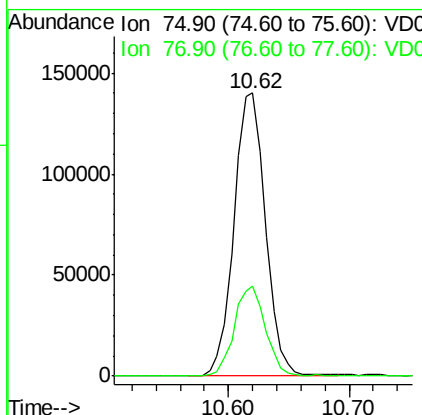
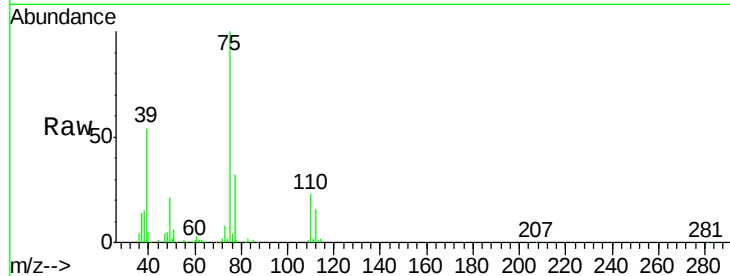
#53
t-1,3-Dichloropropene
Concen: 47.722 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 255724
Ion Ratio Lower Upper
75 100
77 31.7 27.4 41.2

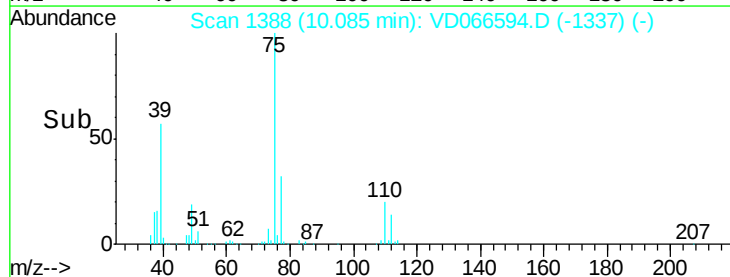
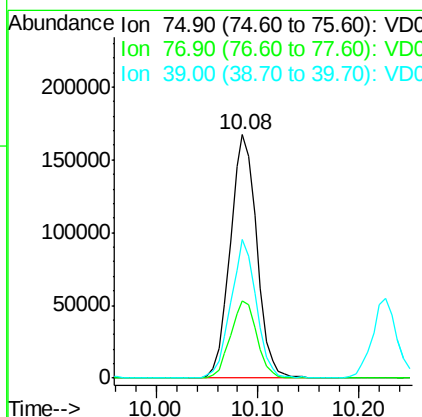
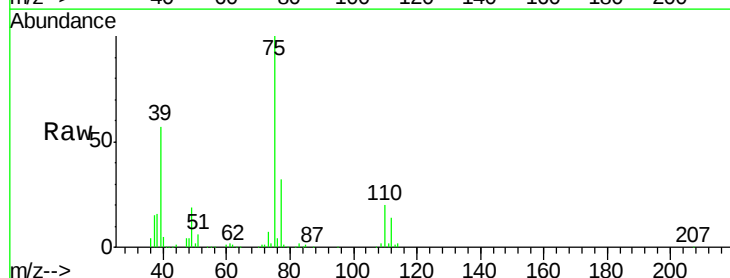
Manual Integrations
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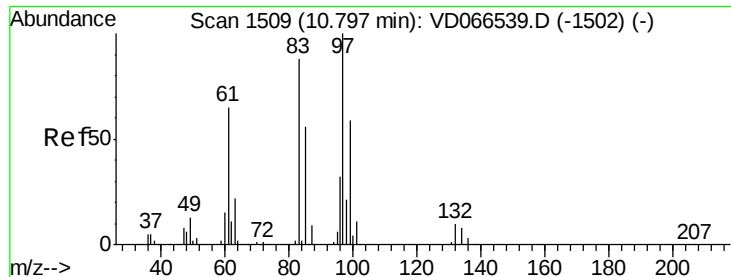
MMDadoda
9/10/2020 10:46:56 AM



#54
cis-1,3-Dichloropropene
Concen: 47.269 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 75 Resp: 304180
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 56.8 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 47.835 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

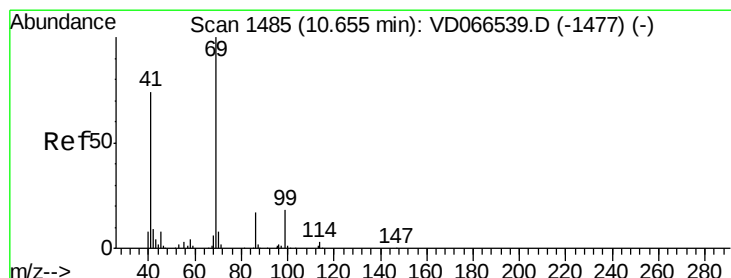
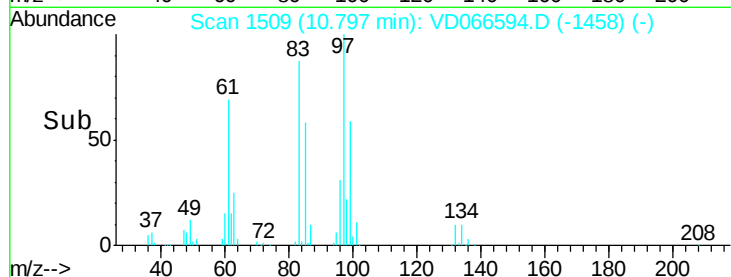
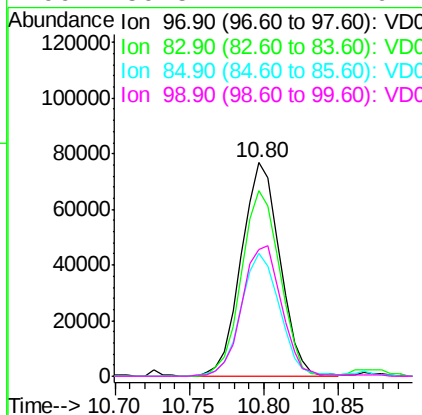
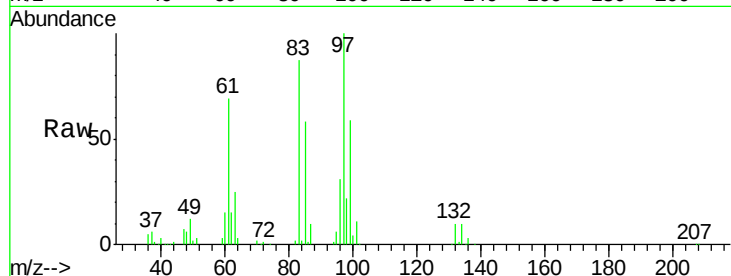
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	137993
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.1	105.1
85	57.6	44.5	66.7
99	59.5	47.1	70.7

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#56

Ethyl methacrylate

Concen: 50.221 ug/l

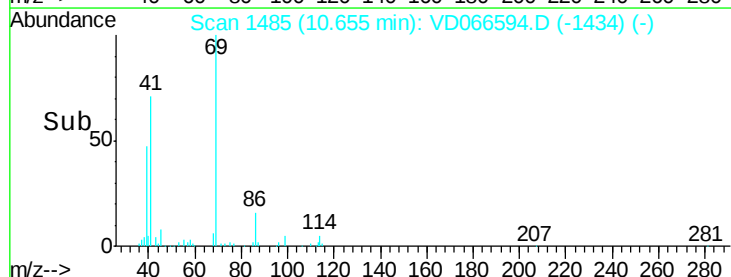
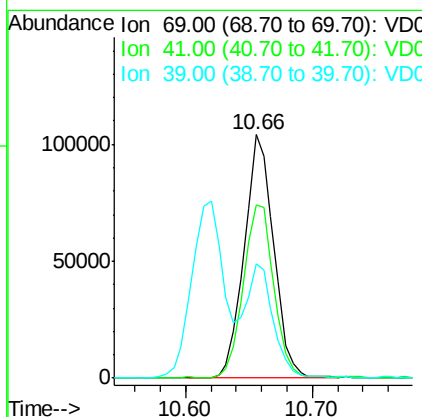
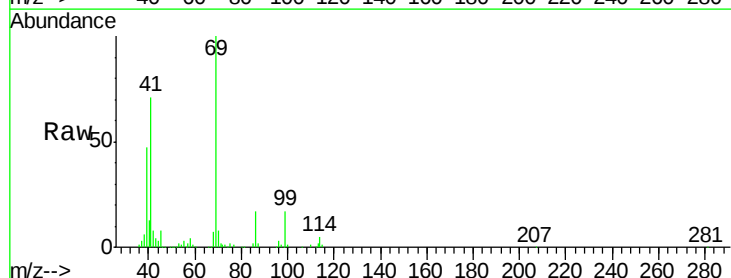
RT: 10.66 min Scan# 1485

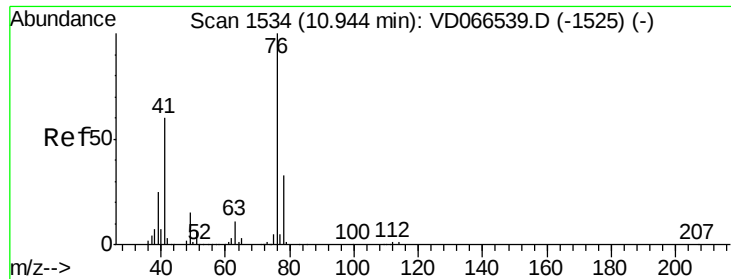
Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion:	69	Resp:	168683
Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.8	85.2
39	44.3	30.6	46.0





#57

1,3-Dichloropropane

Concen: 48.099 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 243039

Ion Ratio Lower Upper

76 100

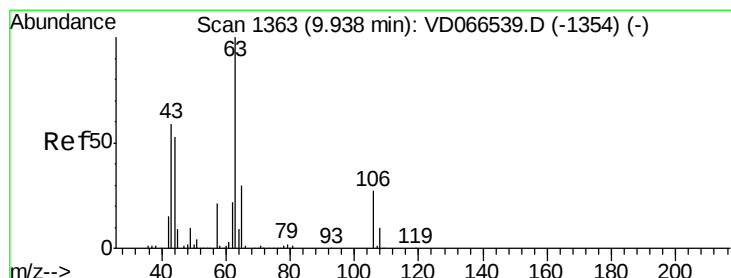
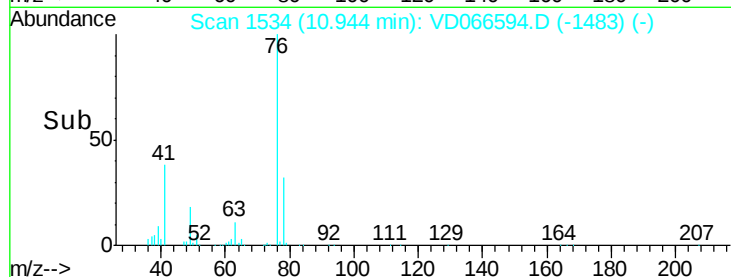
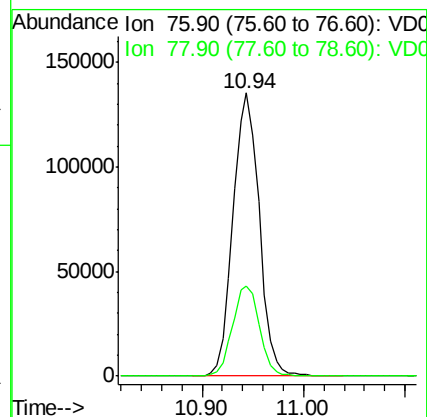
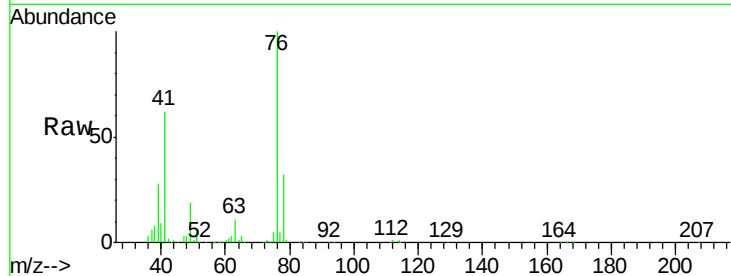
78 32.8 25.8 38.8

Manual Integrations

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9/10/2020 10:46:56 AM



#58

2-Chloroethyl Vinyl ether

Concen: 261.620 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066594.D

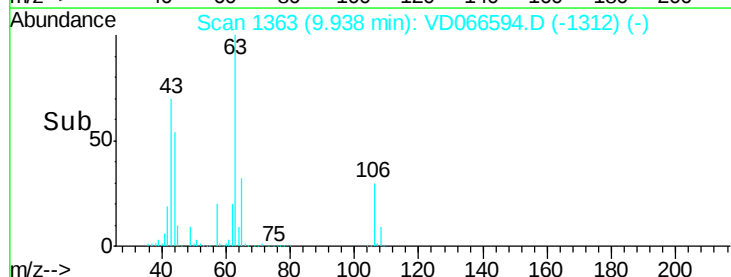
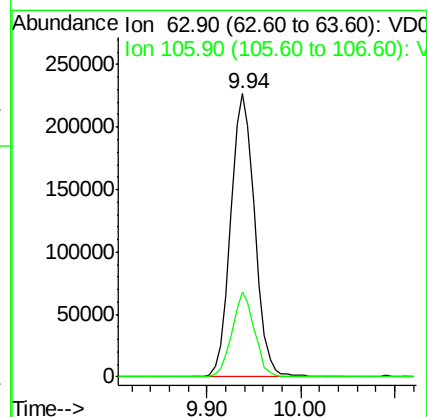
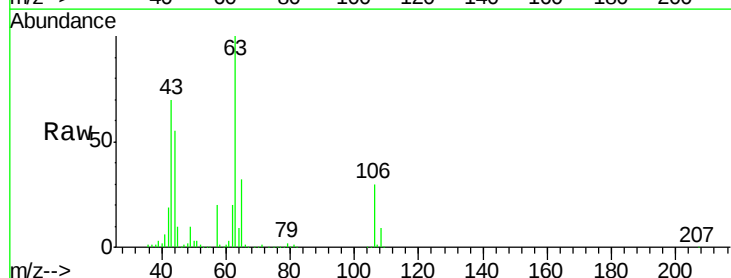
Acq: 09 Sep 2020 20:16

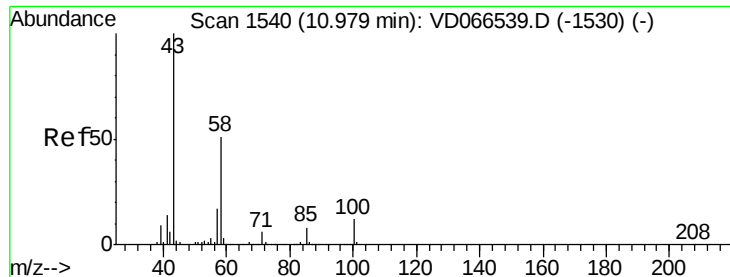
Tgt Ion: 63 Resp: 401930

Ion Ratio Lower Upper

63 100

106 28.4 22.0 33.0





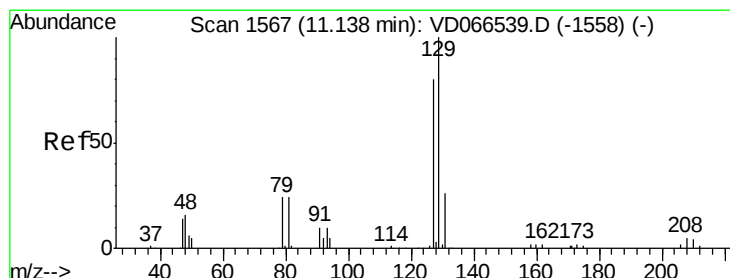
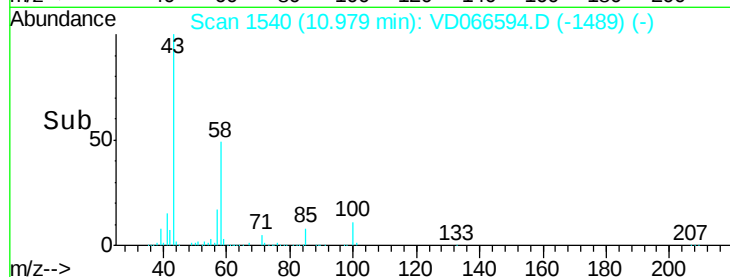
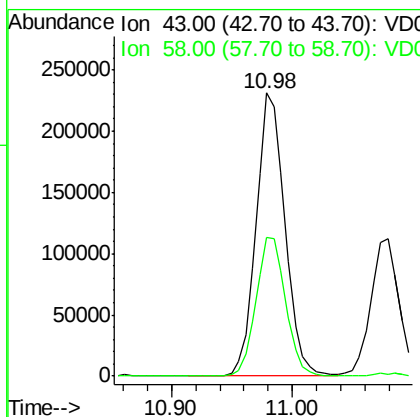
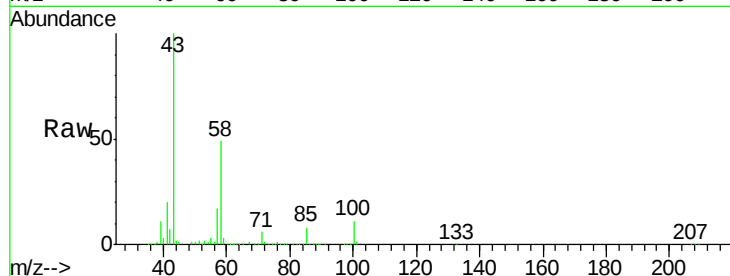
#59
2-Hexanone
Concen: 251.383 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 384137
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.8

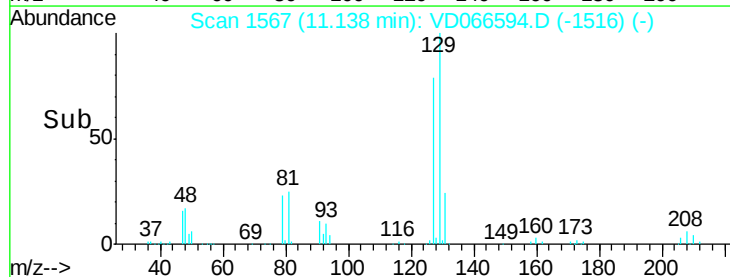
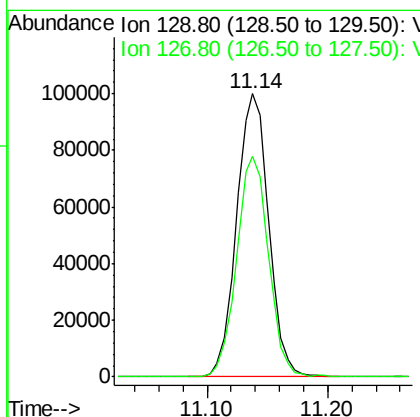
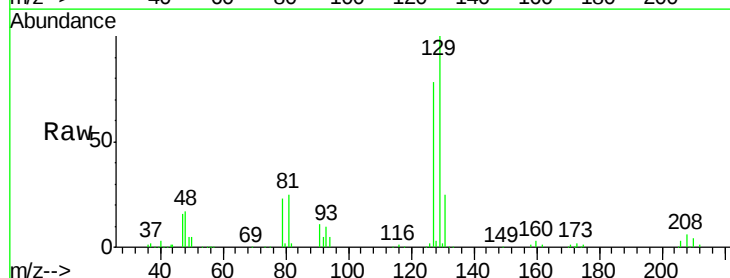
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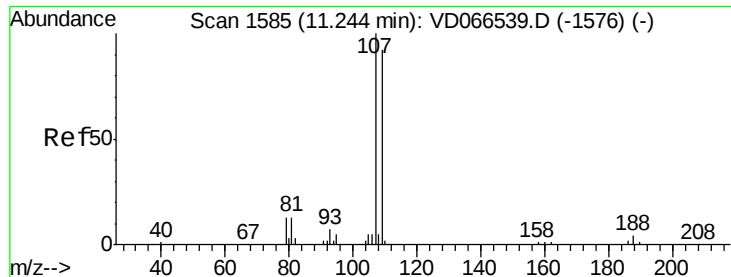
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#60
Dibromochloromethane
Concen: 48.508 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion: 129 Resp: 185043
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3





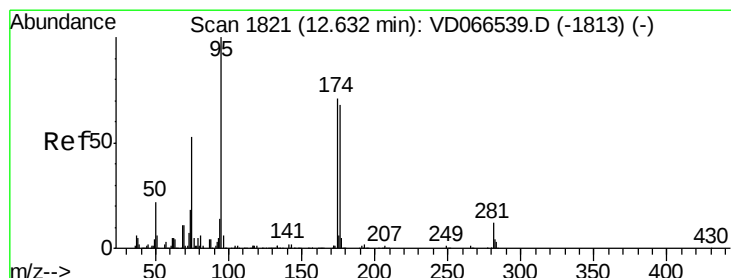
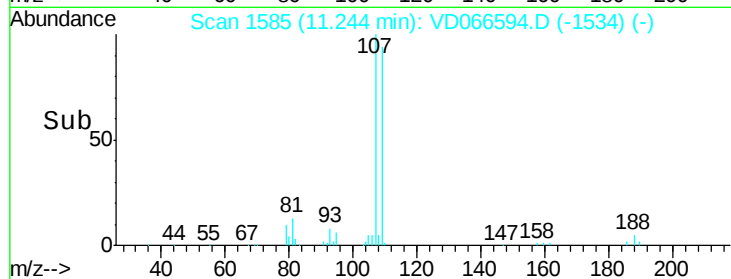
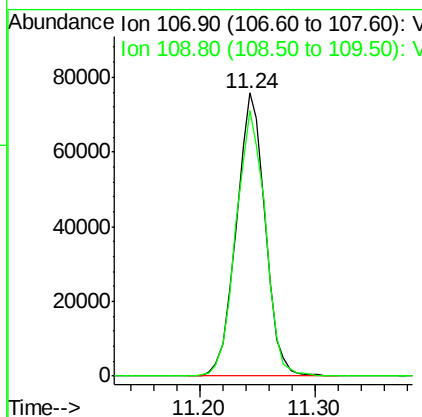
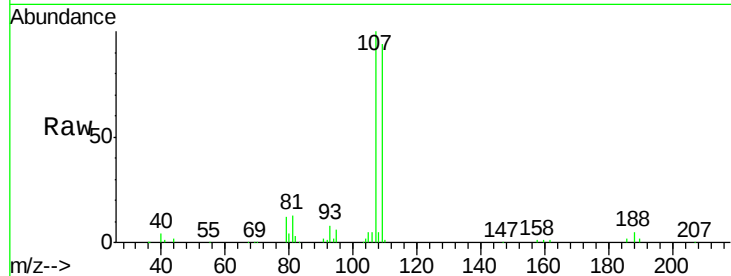
#61
 1,2-Dibromoethane
 Concen: 46.526 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.4	111.6

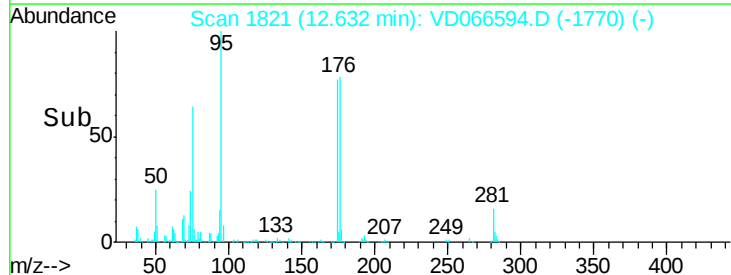
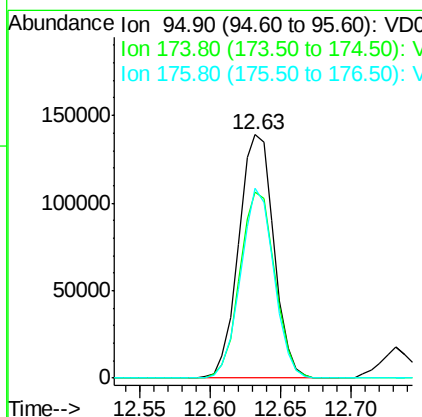
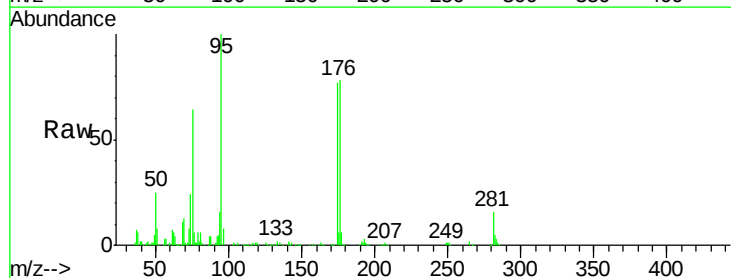
Manual Integrations
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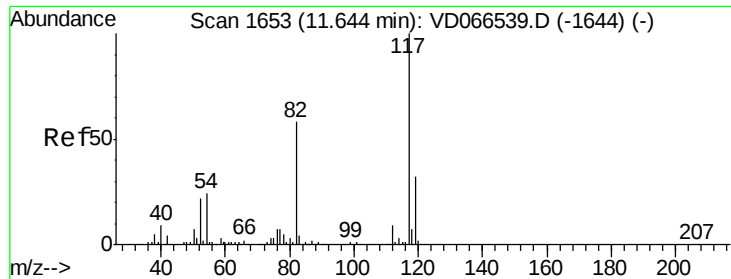
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 9/10/2020 10:46:56 AM



#62
 4-Bromofluorobenzene
 Concen: 53.388 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	155.8
176	73.8	0.0	148.6





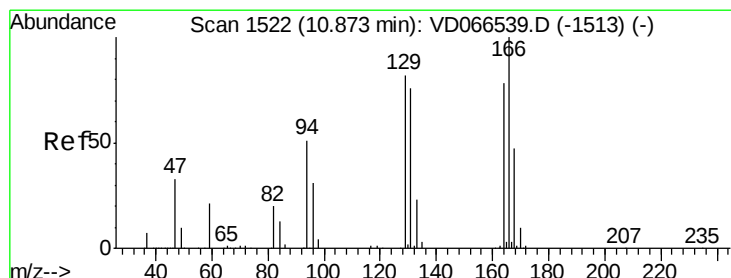
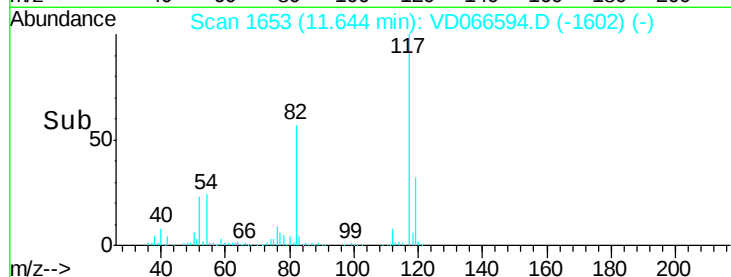
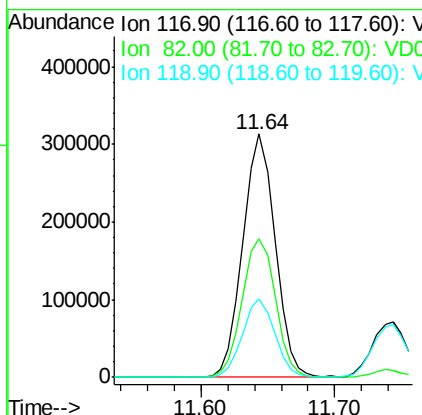
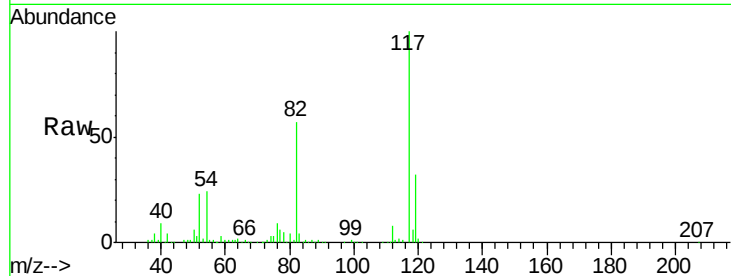
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.2	69.2
119	32.3	25.8	38.8

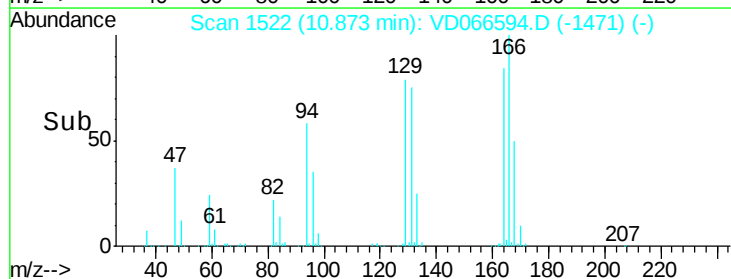
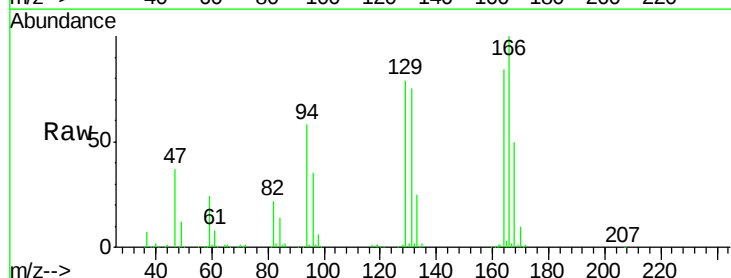
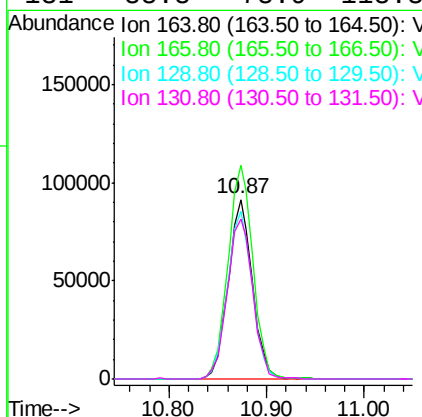
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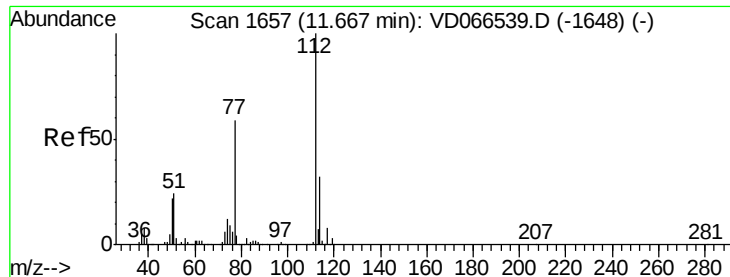
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#64
Tetrachloroethene
Concen: 44.206 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.9	103.2	154.8
129	93.5	84.5	126.7
131	88.8	78.9	118.3





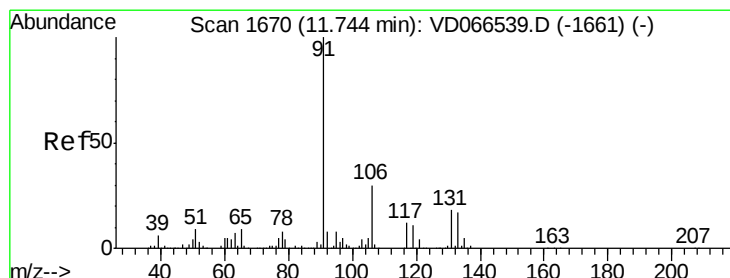
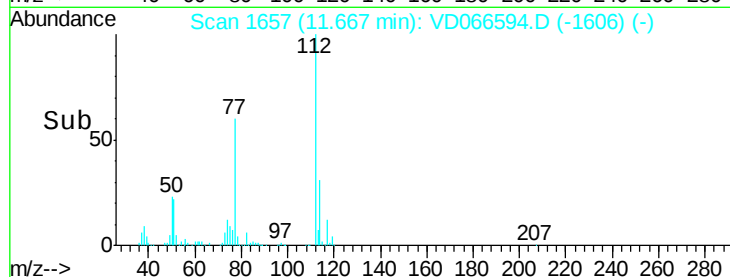
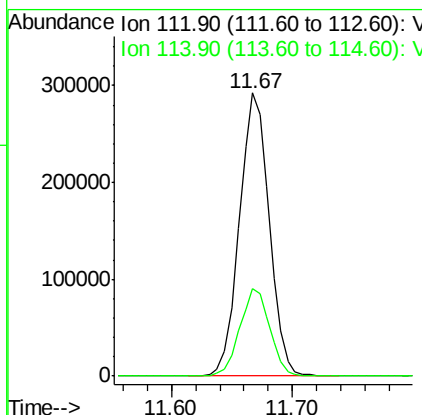
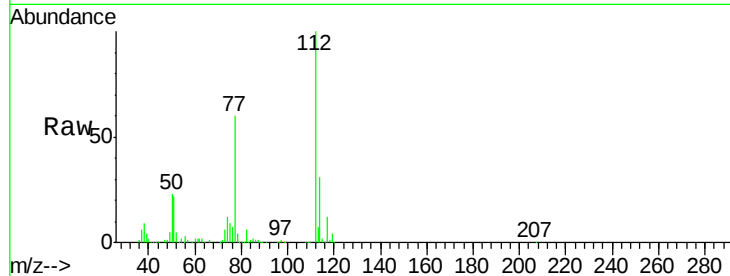
#65
Chlorobenzene
Concen: 46.279 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.7	38.5

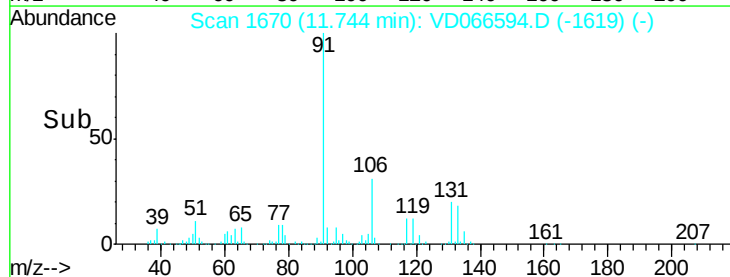
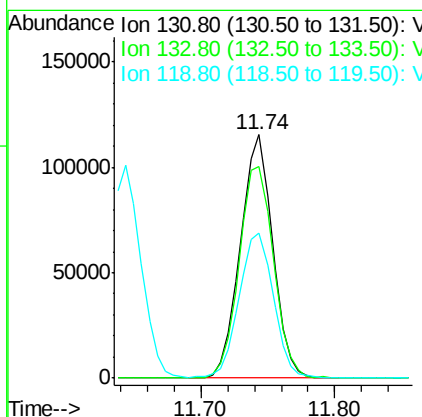
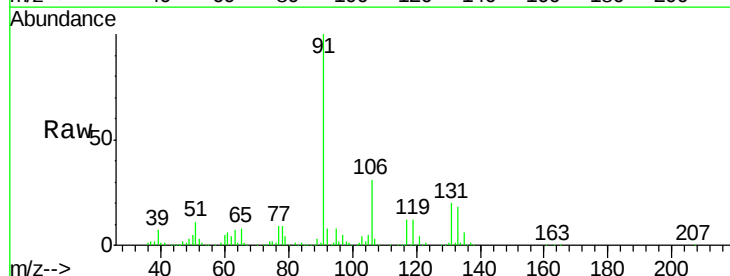
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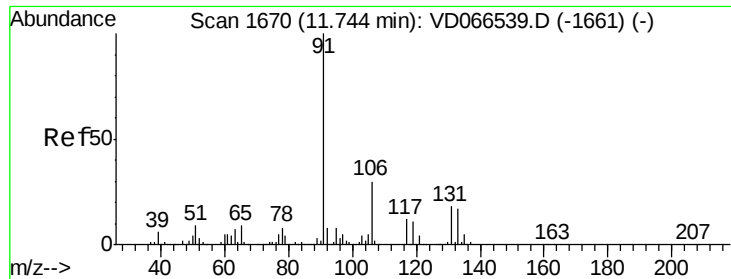
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.613 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	46.7	140.0
119	63.7	31.9	95.7





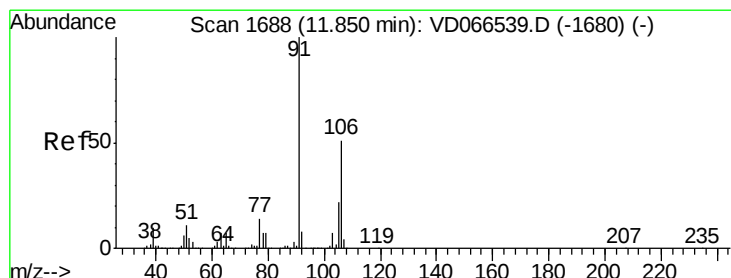
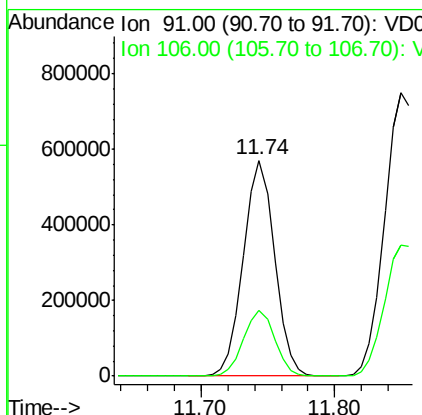
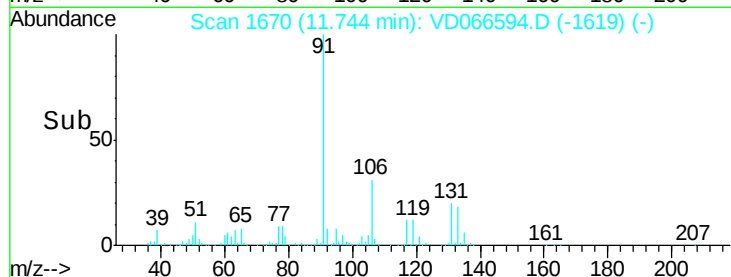
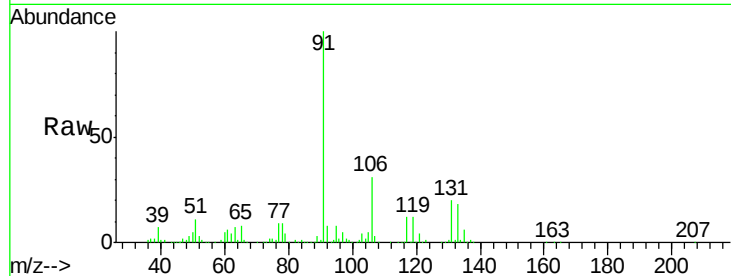
#67
Ethyl Benzene
Concen: 46.355 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5

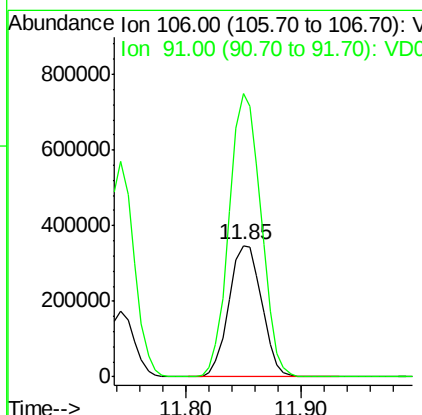
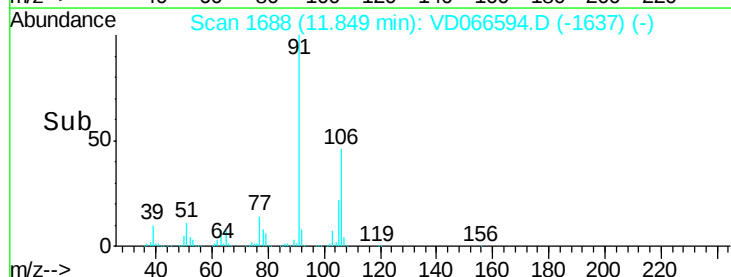
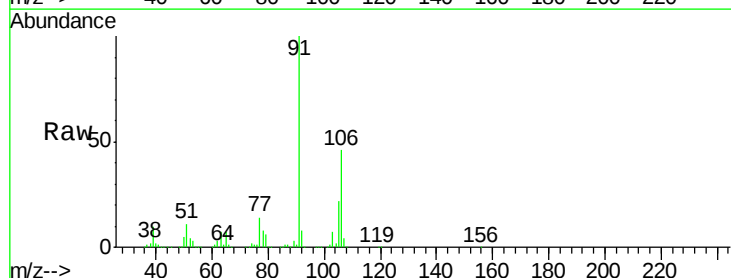
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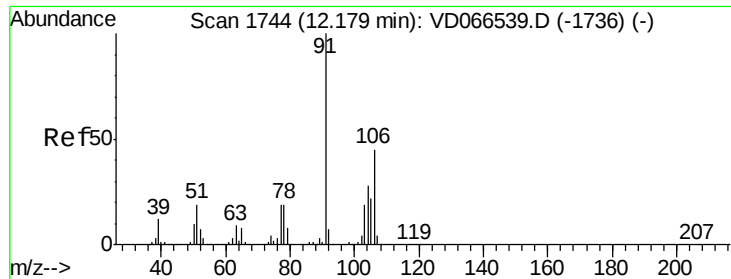
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#68
m/p-Xylenes
Concen: 92.501 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.6	162.4	243.6





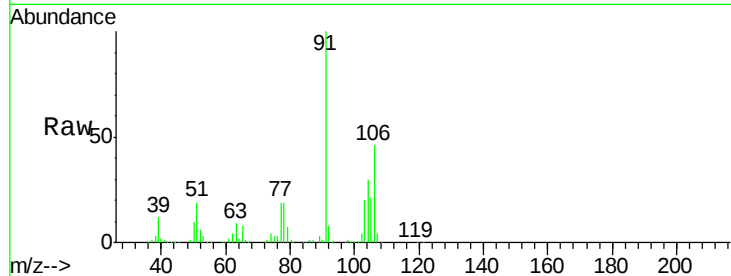
#69
o-Xylene
Concen: 47.113 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

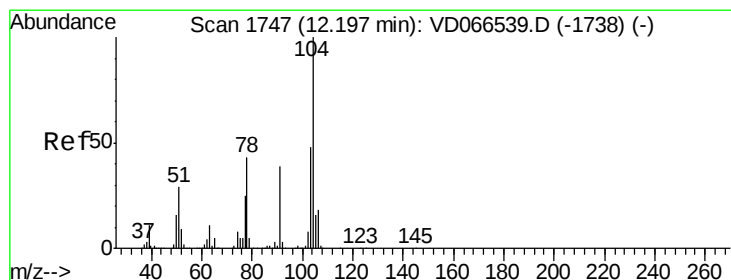
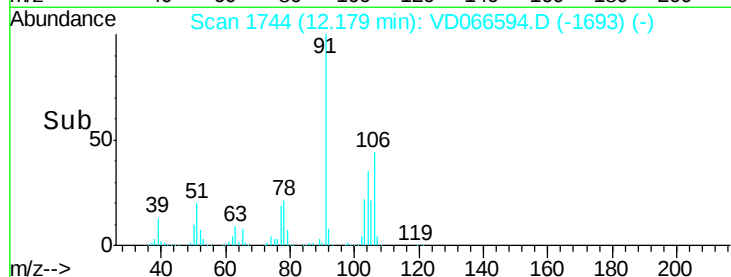
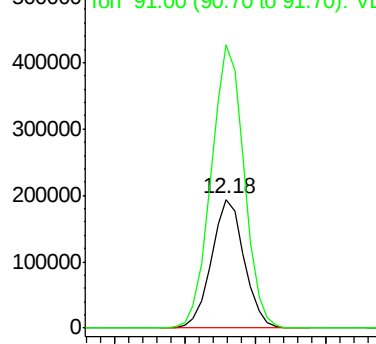
Tot Ion	Ratio	Lower	Upper
106	100		
91	222.9	107.9	323.8

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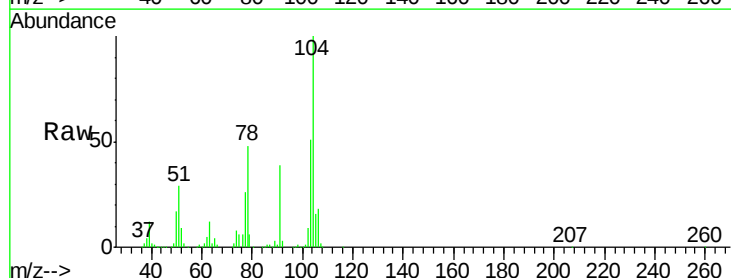


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

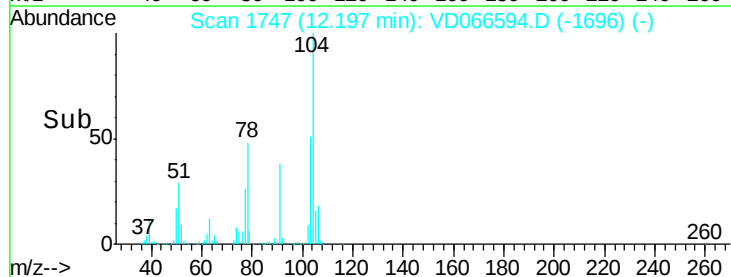
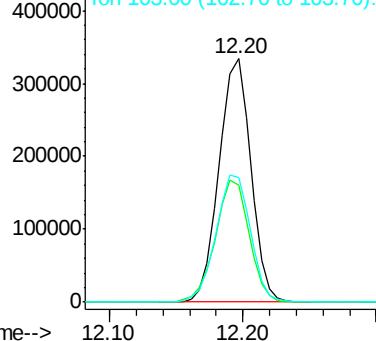


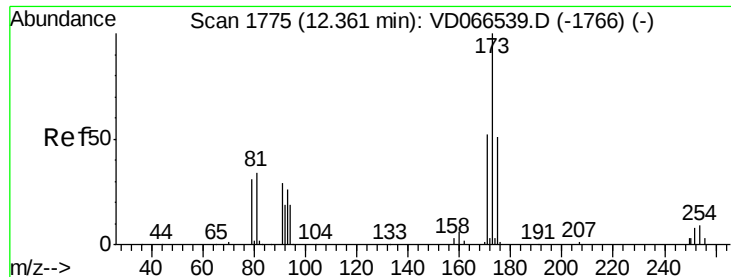
#70
Styrene
Concen: 47.584 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.4	40.7	61.1
103	56.5	42.9	64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





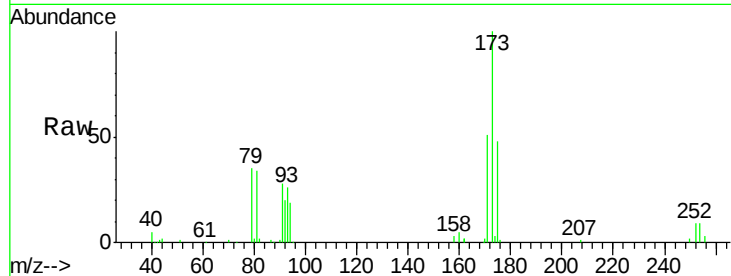
#71
Bromoform
Concen: 46.985 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

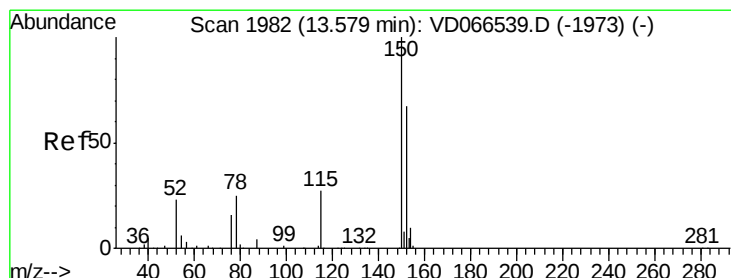
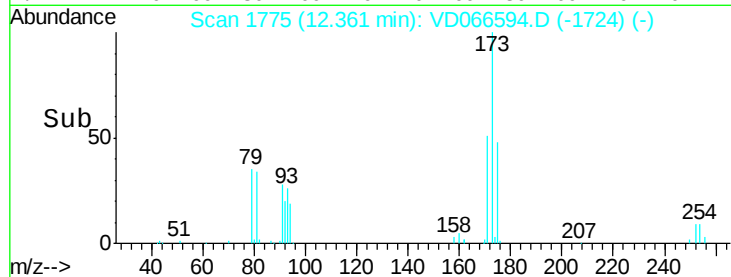
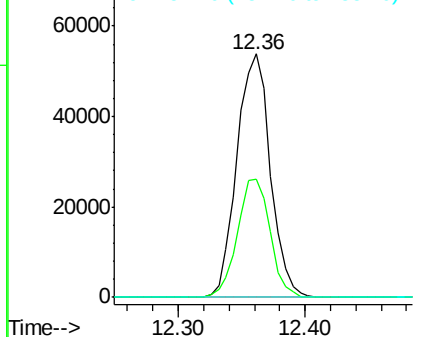
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.2	72.6
254	0.0	0.0	0.0

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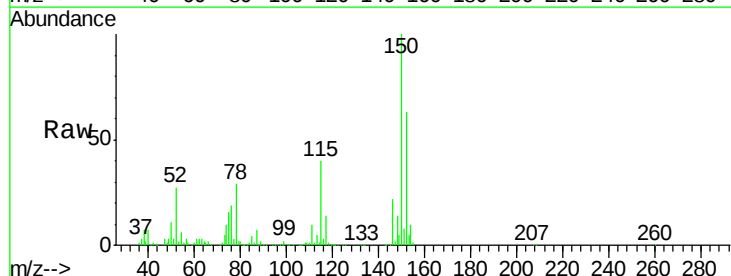


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

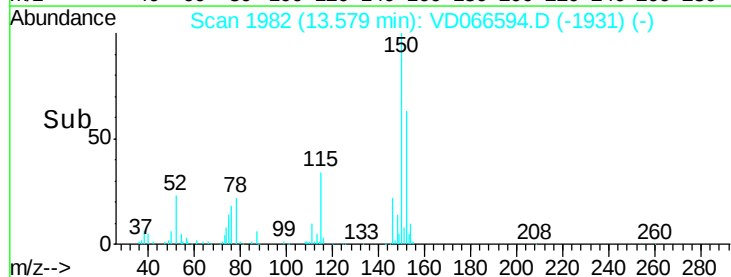
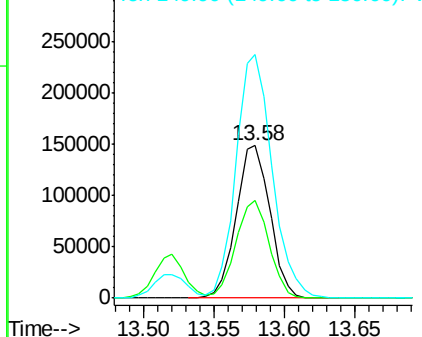


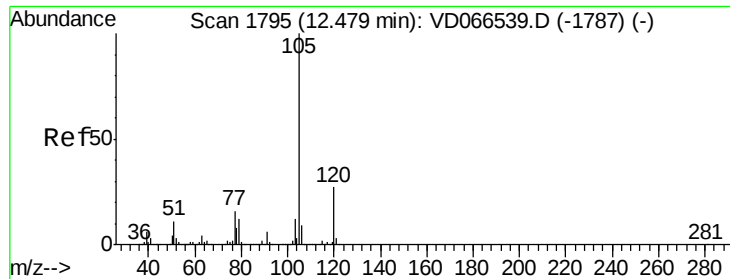
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.4	91.2
150	171.2	0.0	345.8



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





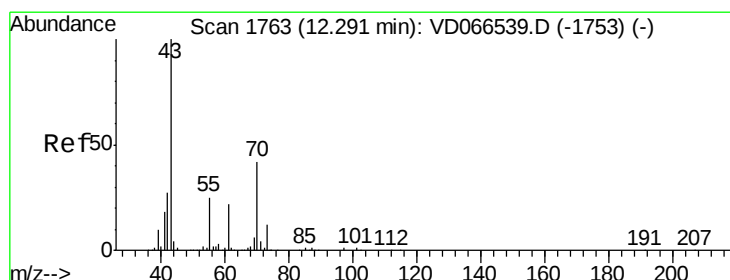
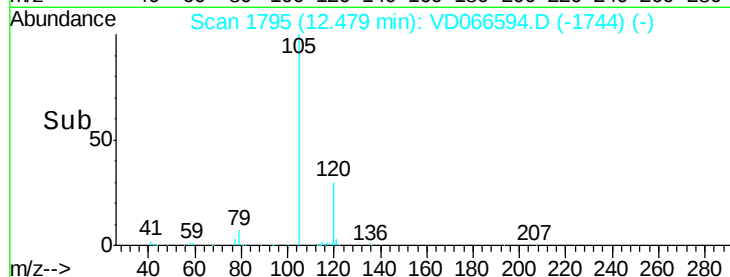
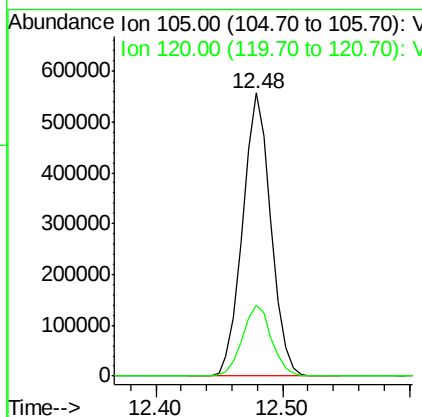
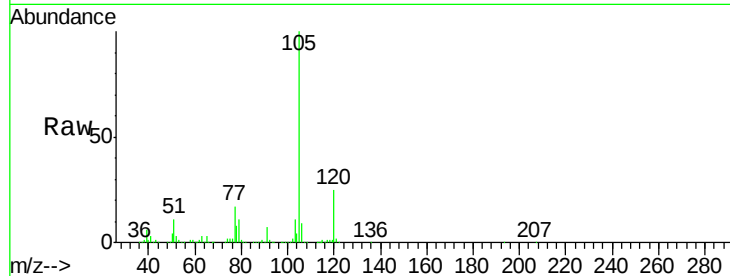
#73
Isopropylbenzene
Concen: 46.849 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.0	39.0

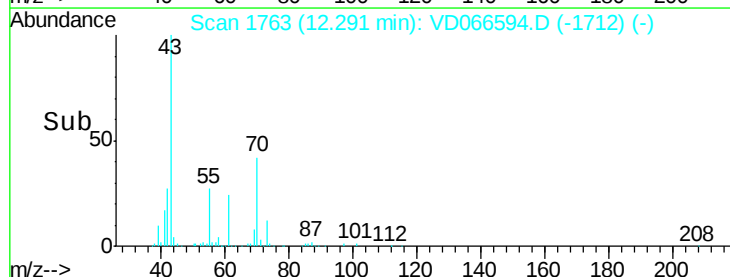
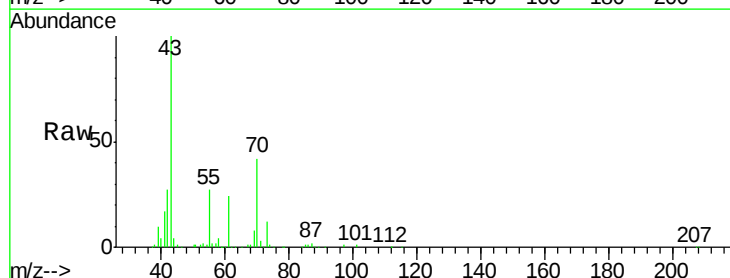
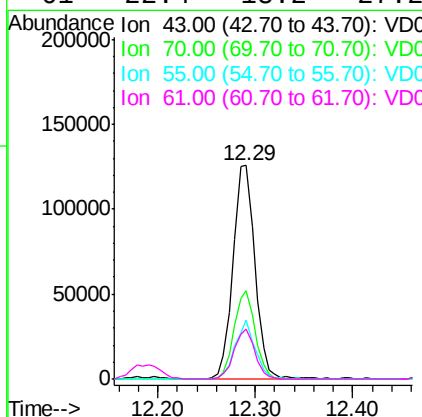
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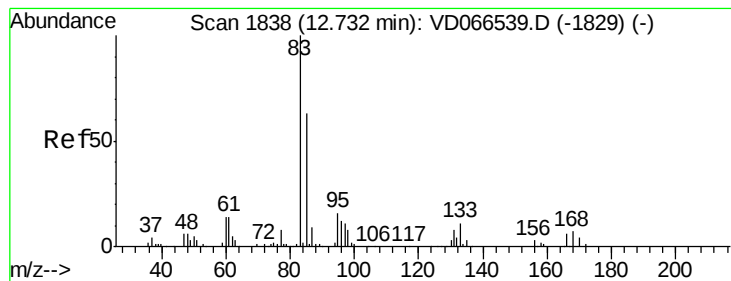
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#74
N-ethyl acetate
Concen: 47.416 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.8	33.4	50.2
55	24.8	20.1	30.1
61	22.4	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.590 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 150882

Ion Ratio Lower Upper

83 100

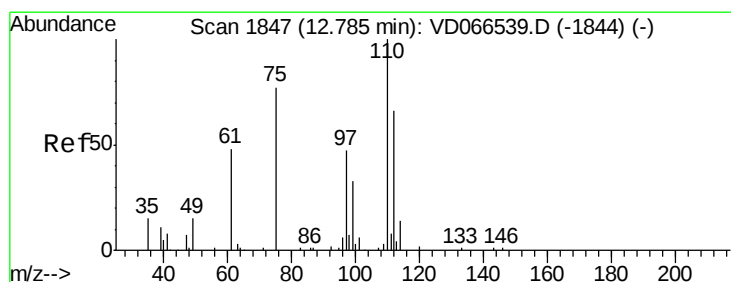
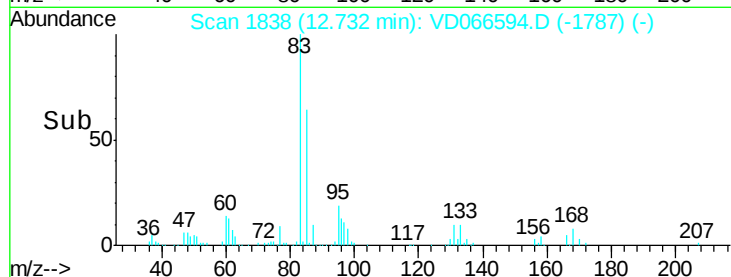
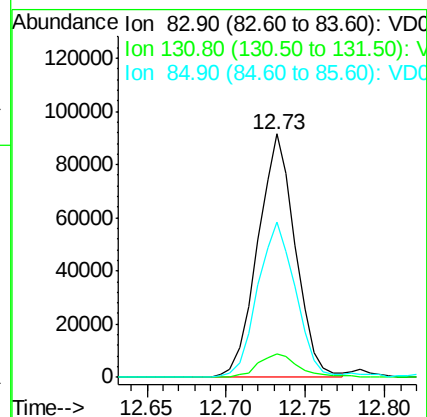
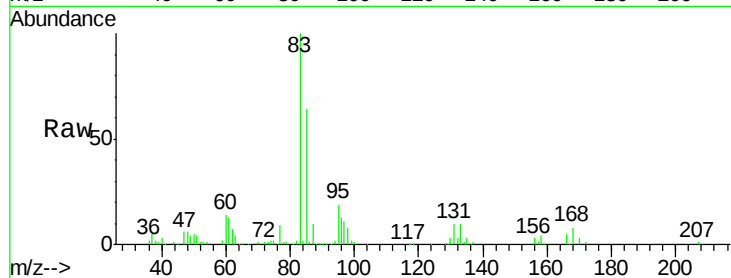
131 10.7 5.0 15.0

85 64.1 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 50.989 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066594.D

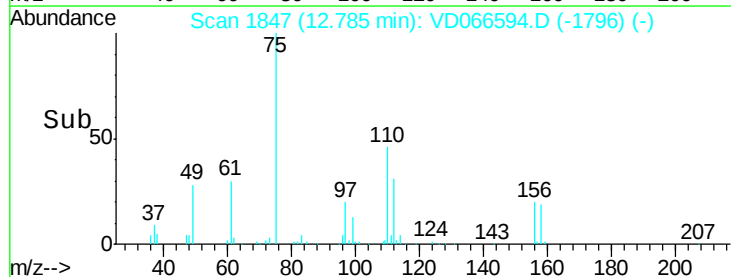
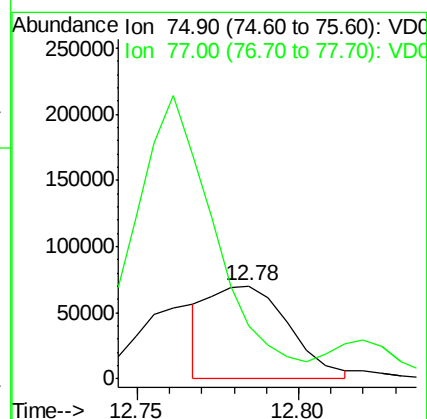
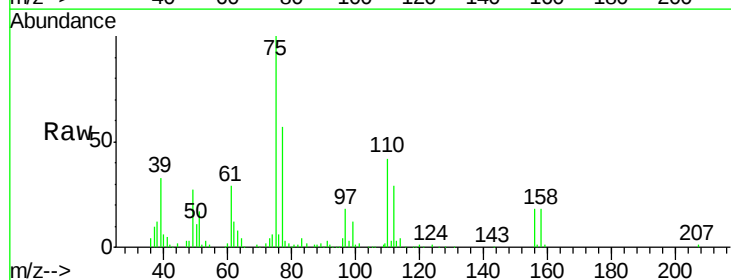
Acq: 09 Sep 2020 20:16

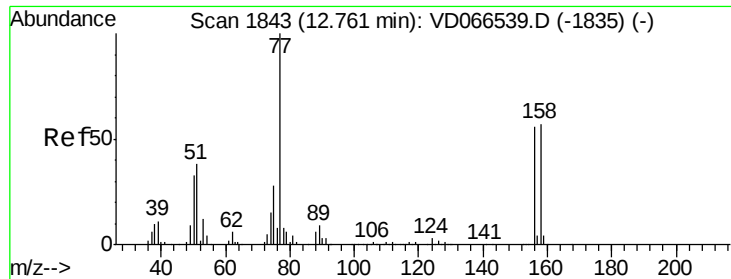
Tgt Ion: 75 Resp: 121411

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.017 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

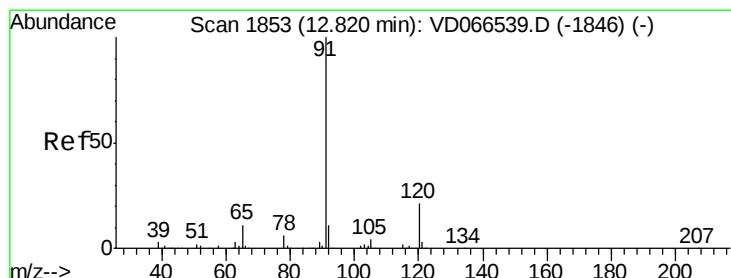
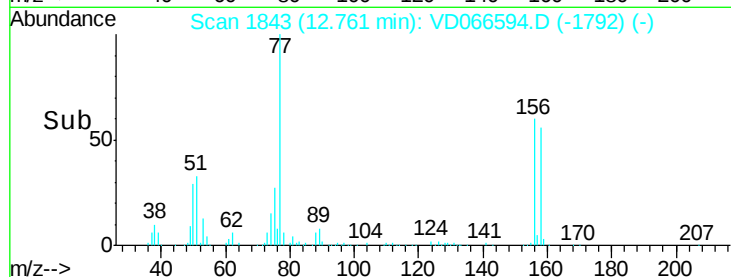
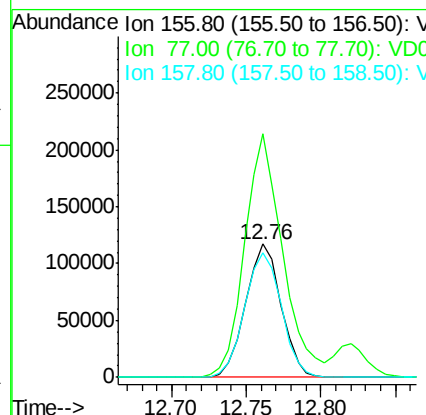
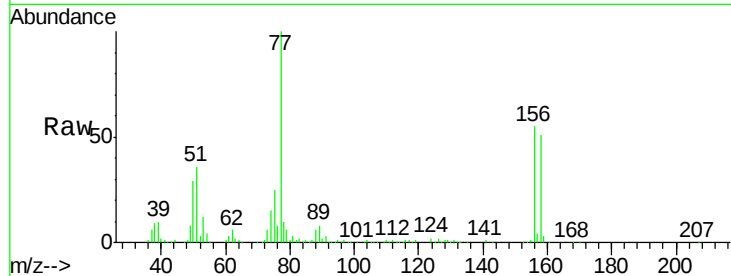
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	192148
Ion Ratio	Lower	Upper	
156	100		
77	196.4	98.0	294.1
158	97.2	48.1	144.3

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#78

n-propylbenzene

Concen: 46.816 ug/l

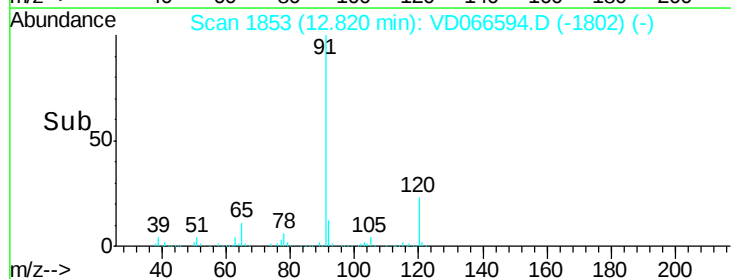
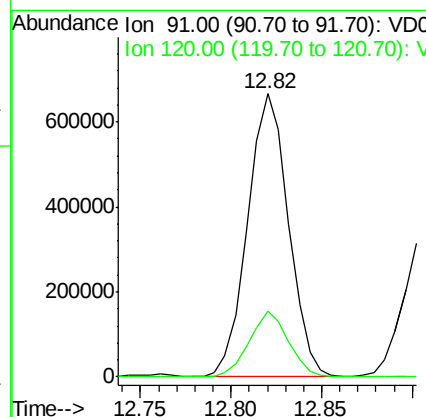
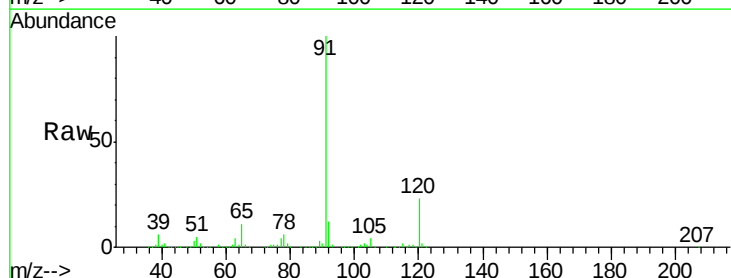
RT: 12.82 min Scan# 1853

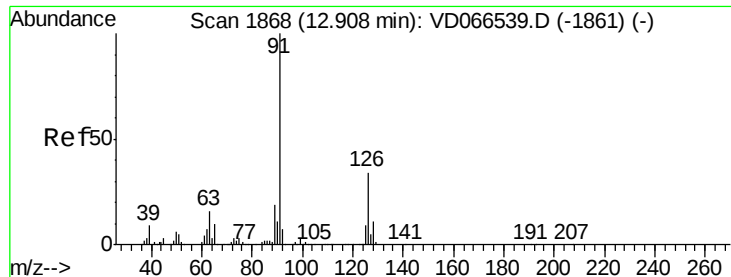
Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion:	91	Resp:	1040343
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





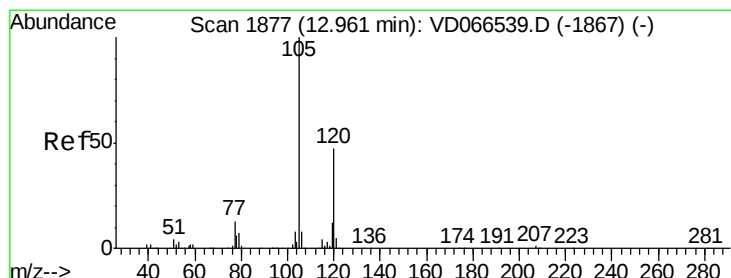
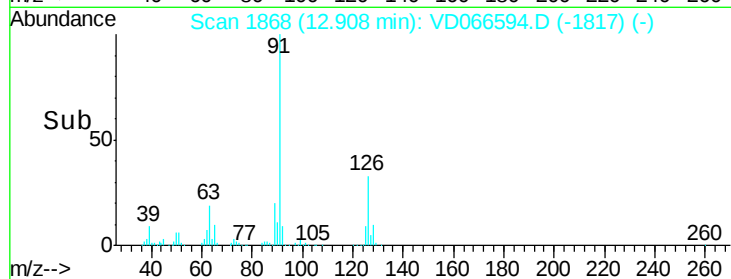
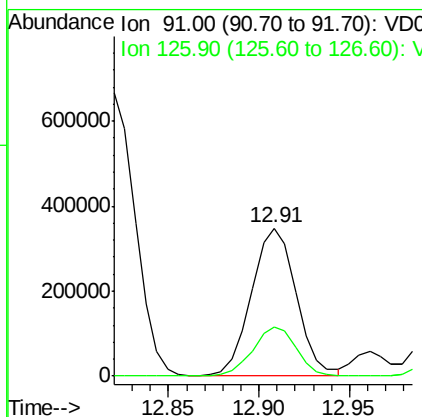
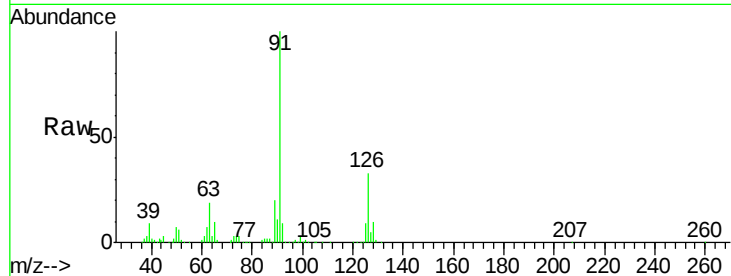
#79
 2-Chlorotoluene
 Concen: 47.861 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 596659
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.4 49.4

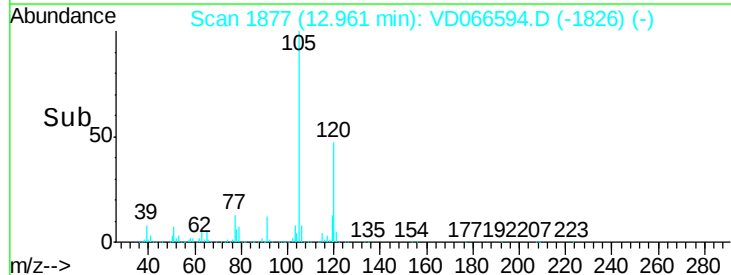
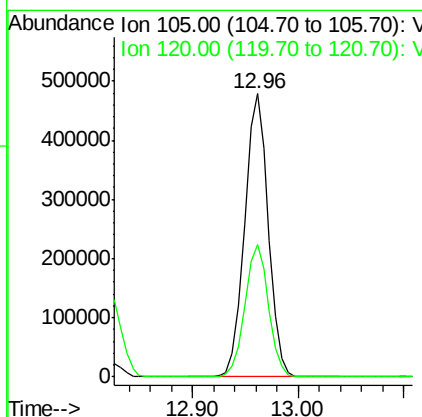
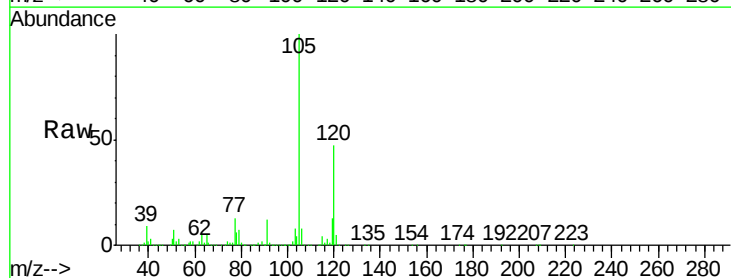
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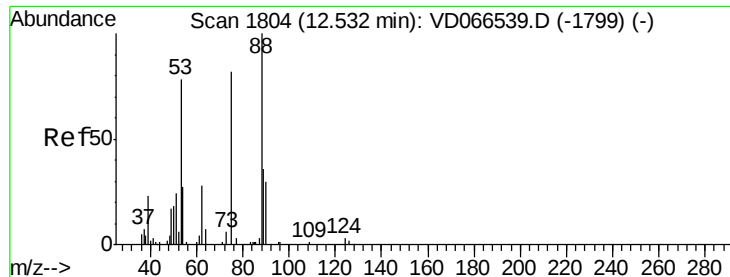
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.936 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion: 105 Resp: 739581
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.568 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 45455

Ion Ratio Lower Upper

75 100

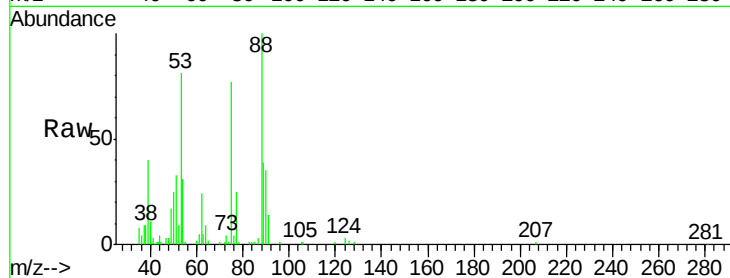
53 105.6 87.0 130.4

89 47.1 37.1 55.7

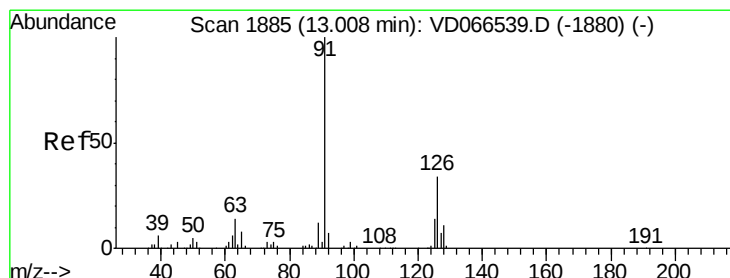
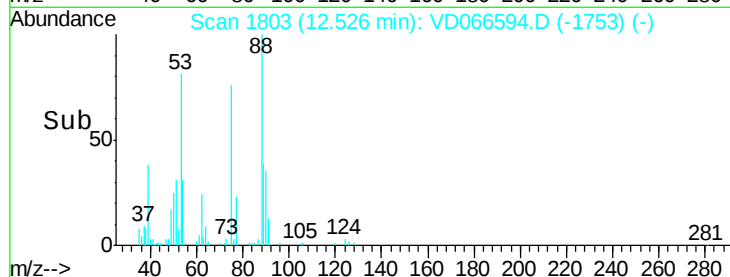
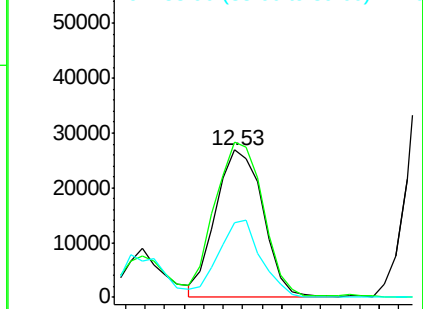
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Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 46.908 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066594.D

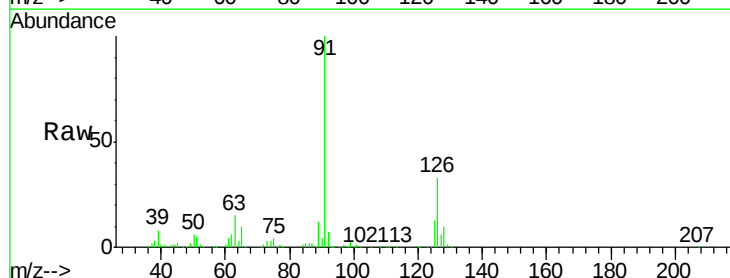
Acq: 09 Sep 2020 20:16

Tgt Ion: 91 Resp: 625331

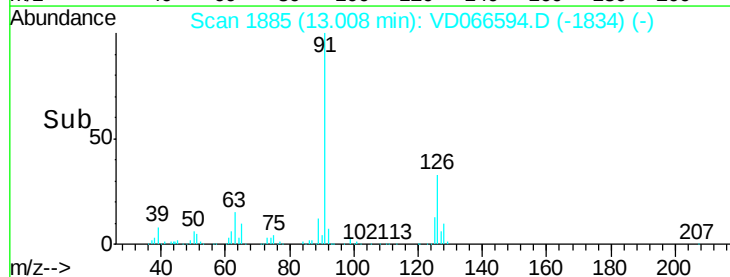
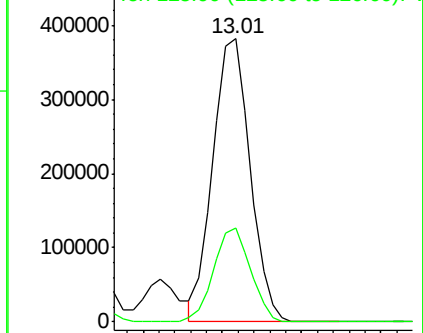
Ion Ratio Lower Upper

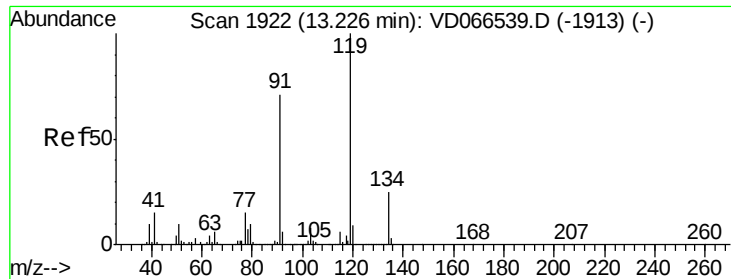
91 100

126 32.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.932 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

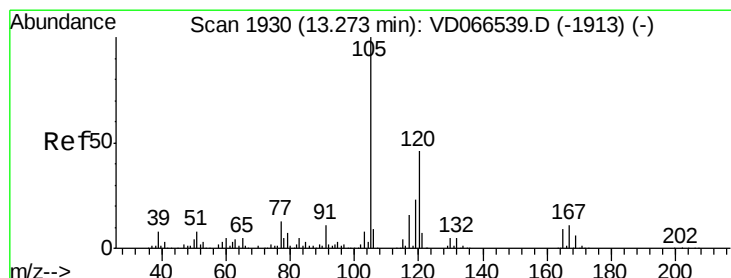
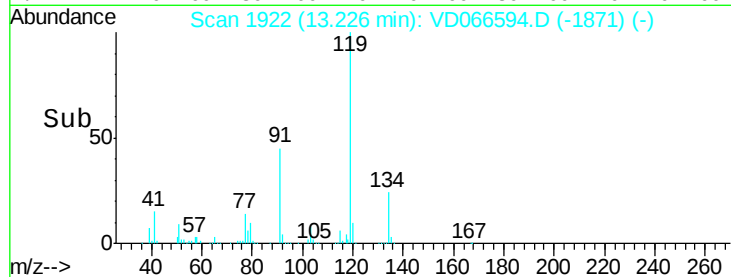
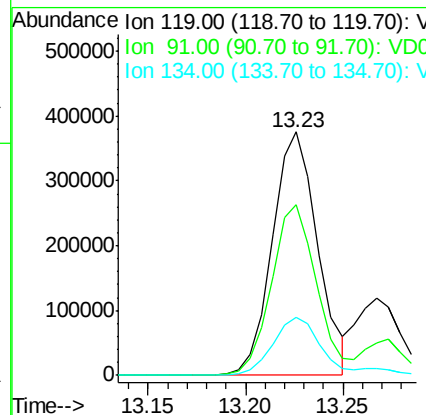
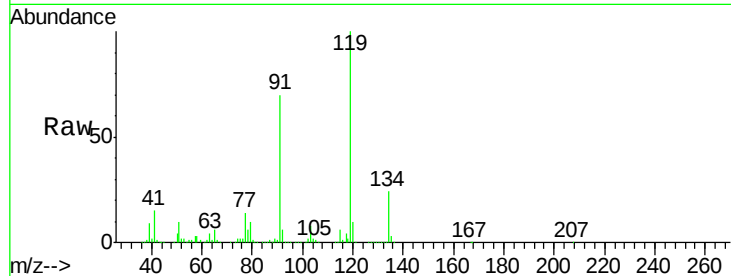
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	603900
Ion Ratio	Lower	Upper	
119	100		
91	70.3	35.2	105.6
134	24.7	13.5	40.5

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#84

1,2,4-Trimethylbenzene

Concen: 47.698 ug/l

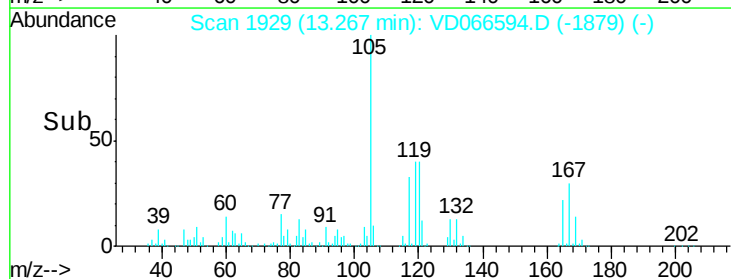
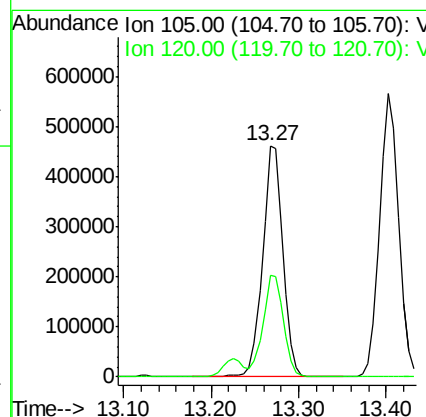
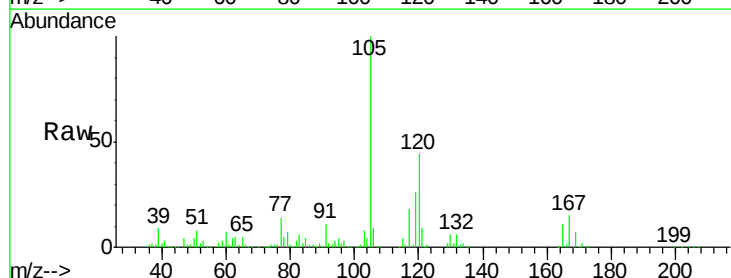
RT: 13.27 min Scan# 1929

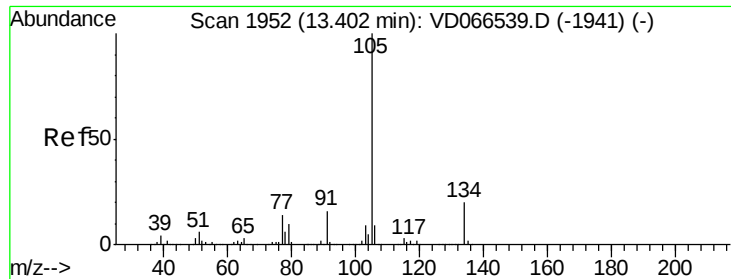
Delta R.T. -0.01 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Tgt Ion:	105	Resp:	732684
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 47.335 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 859228

Ion Ratio Lower Upper

105 100

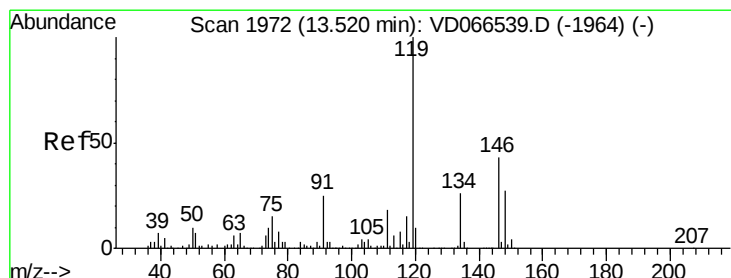
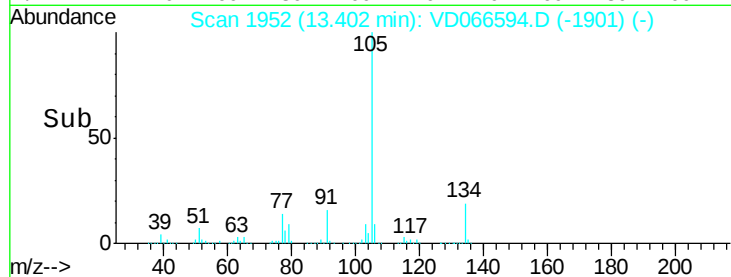
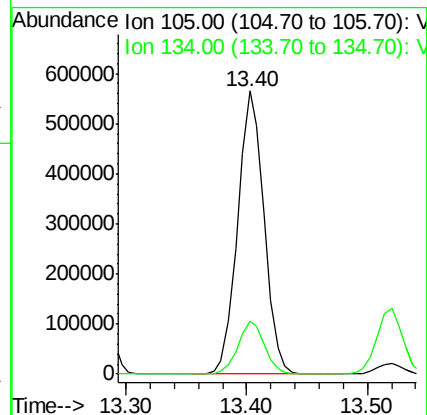
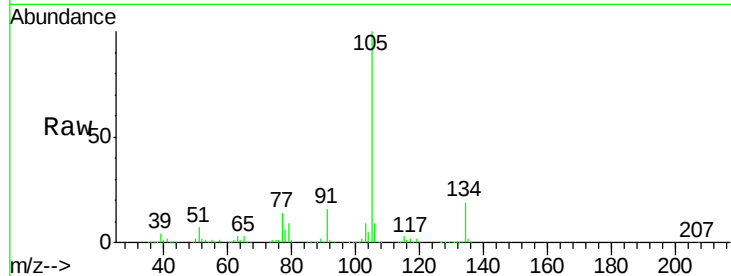
134 18.8 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 47.355 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066594.D

Acq: 09 Sep 2020 20:16

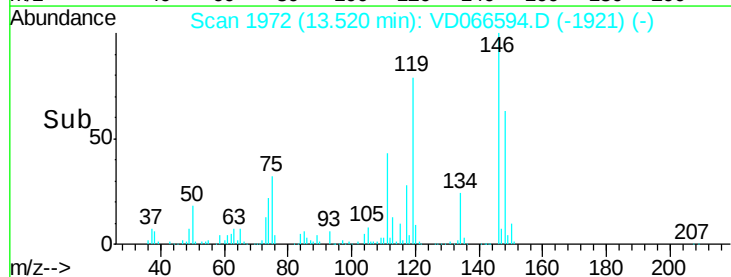
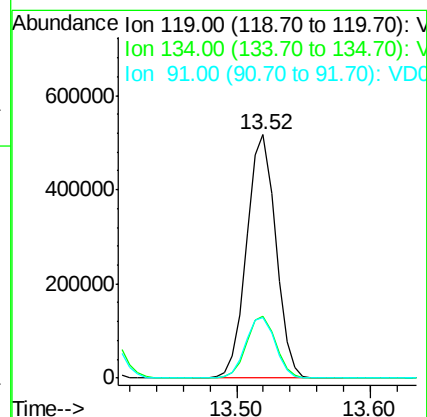
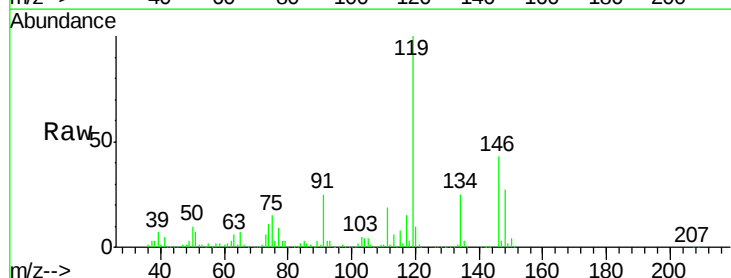
Tgt Ion:119 Resp: 773697

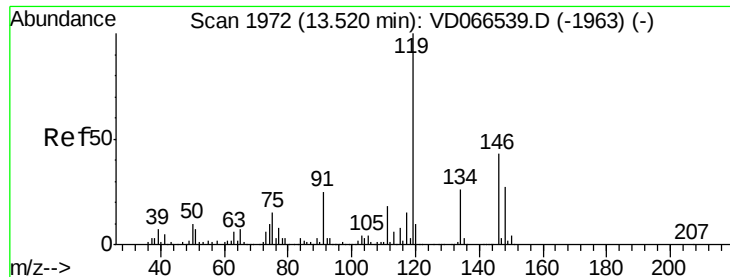
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 25.4 12.5 37.5





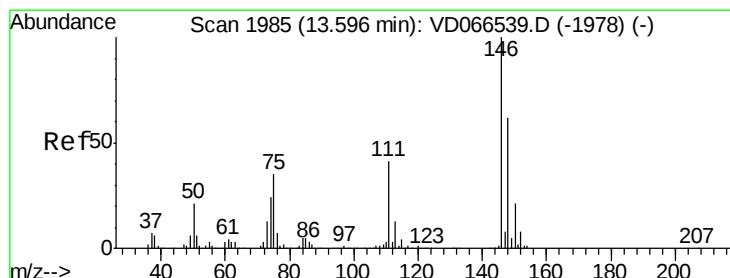
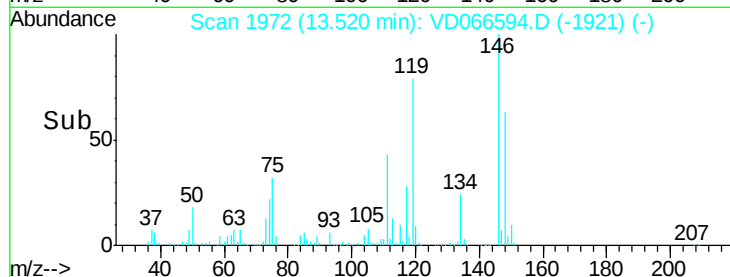
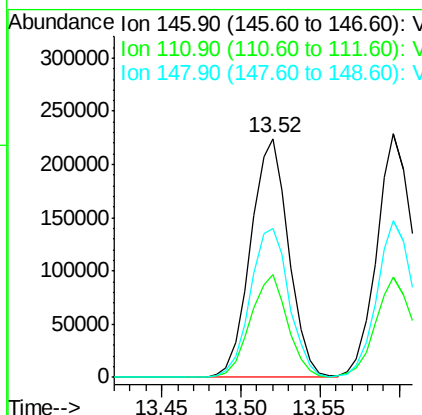
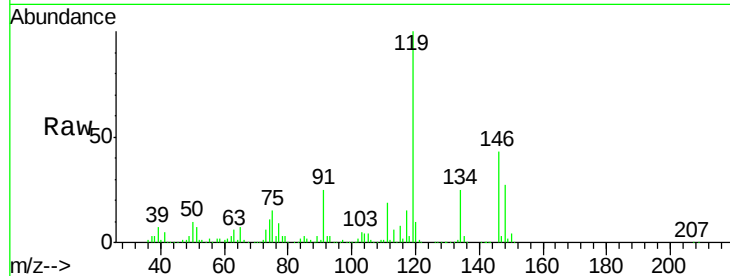
#87
 1,3-Dichlorobenzene
 Concen: 45.865 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	372121		
111	42.1	20.6	61.9	
148	64.0	32.1	96.3	

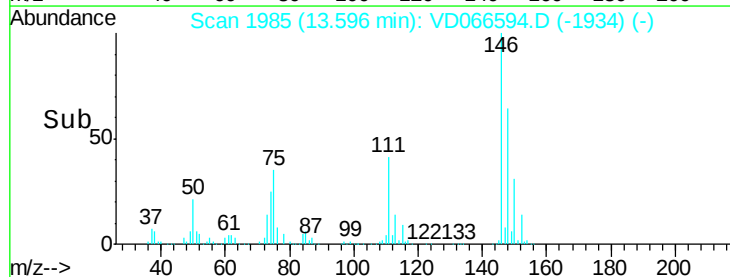
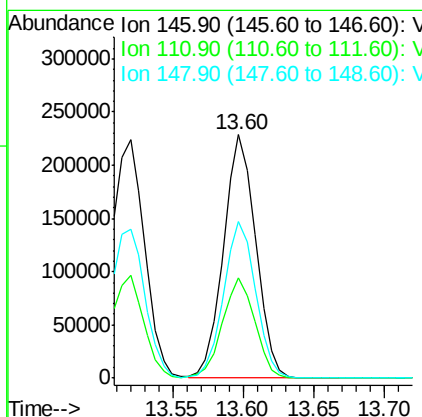
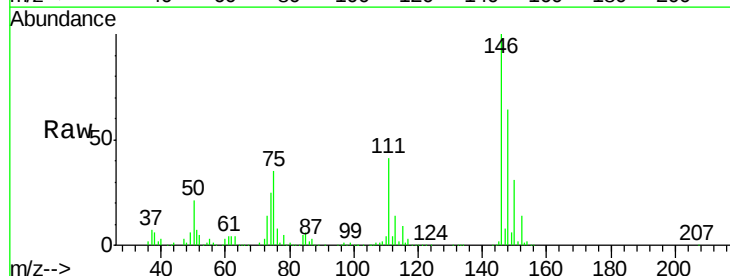
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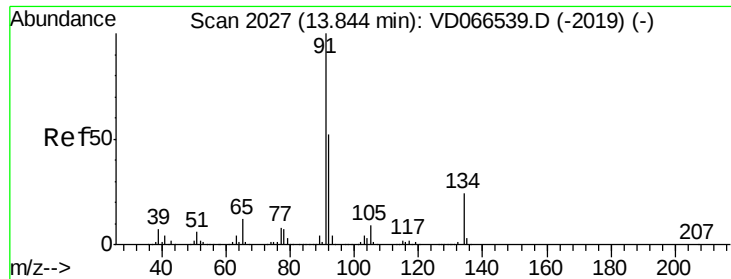
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#88
 1,4-Dichlorobenzene
 Concen: 44.653 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	363619		
111	41.4	20.1	60.2	
148	64.2	31.6	94.8	





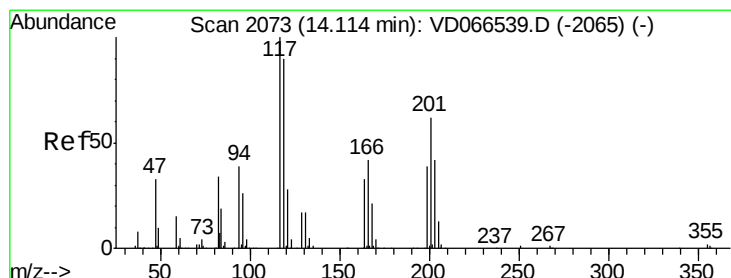
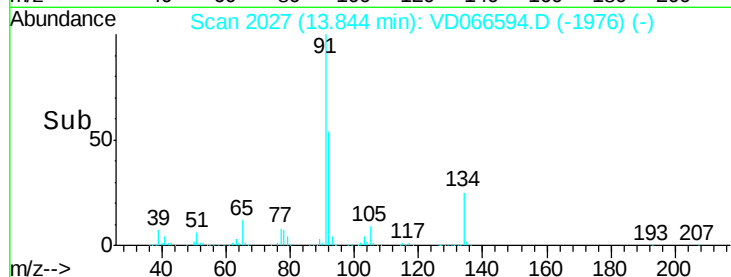
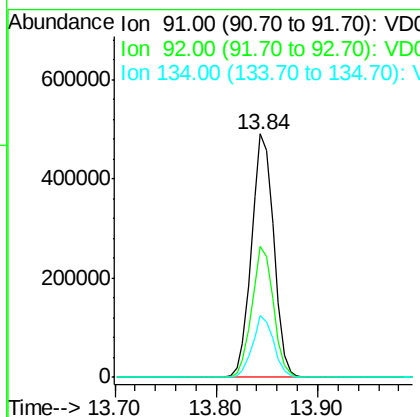
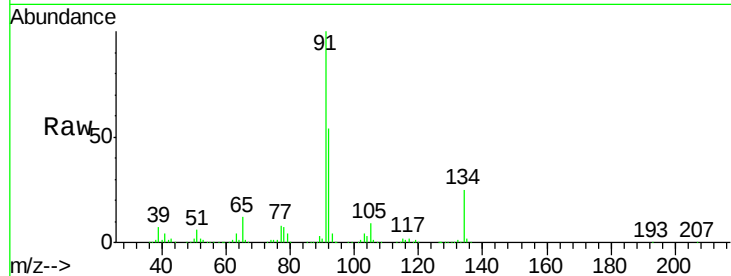
#89
n-Butylbenzene
Concen: 46.836 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	745683		
92	52.1		26.5	79.5
134	24.2		12.1	36.3

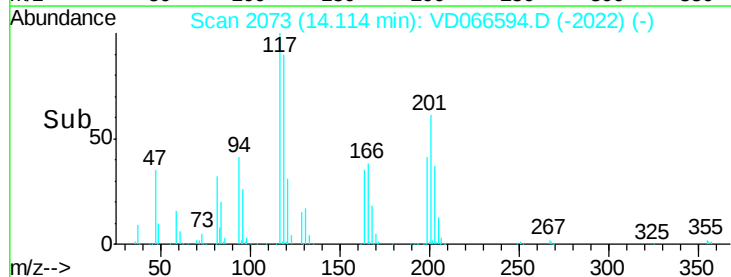
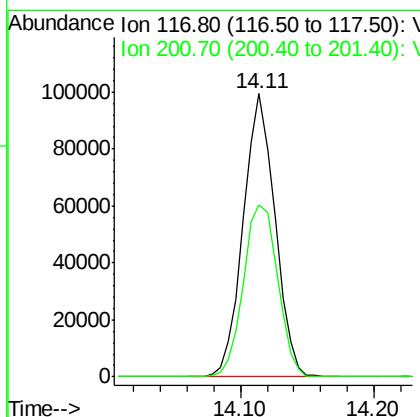
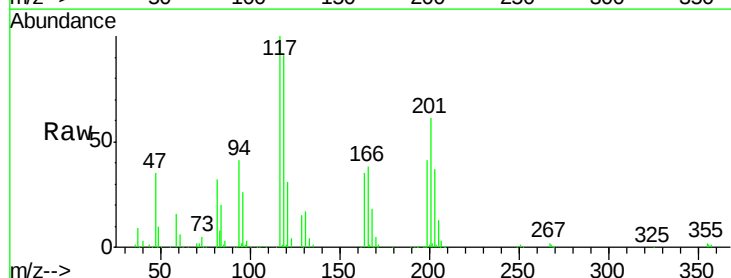
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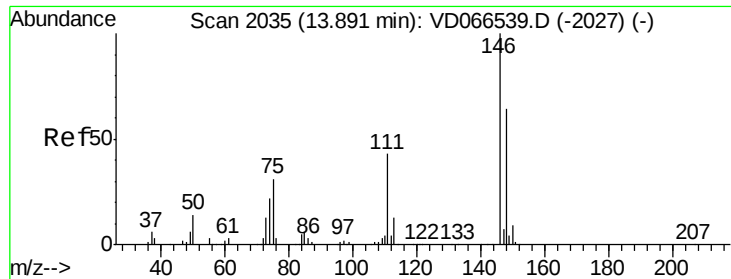
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#90
Hexachloroethane
Concen: 46.319 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	163057		
201	65.7		31.9	95.5





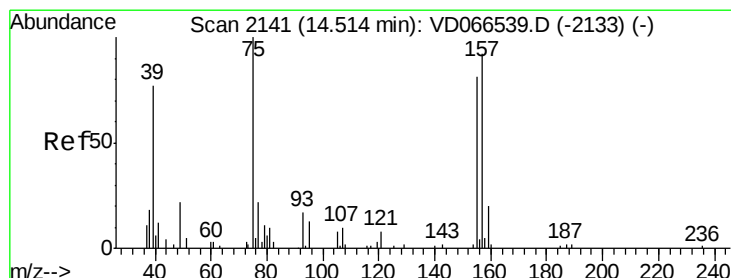
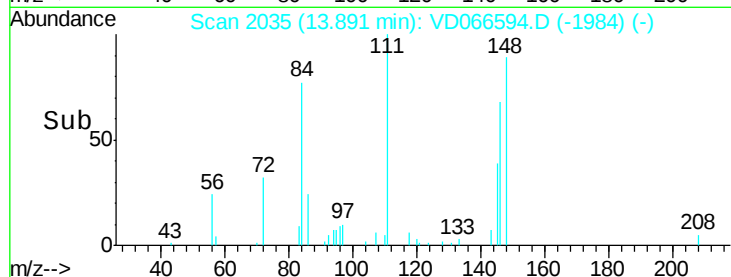
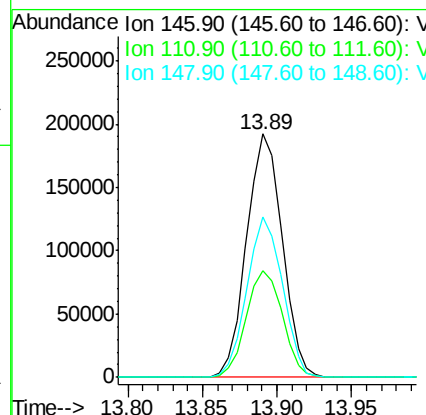
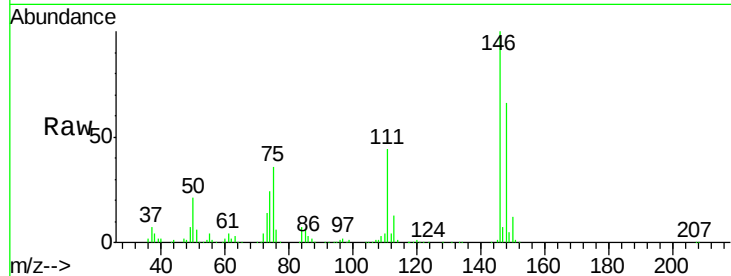
#91
 1,2-Dichlorobenzene
 Concen: 44.924 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.1	63.4
148	65.8	31.8	95.3

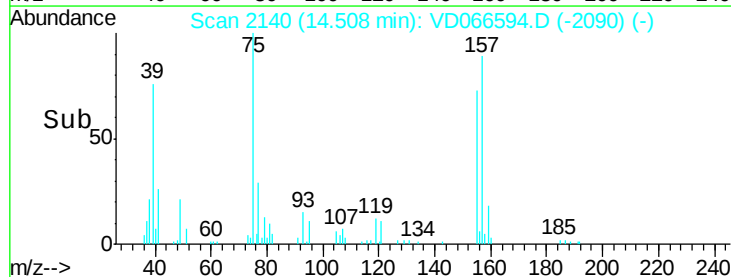
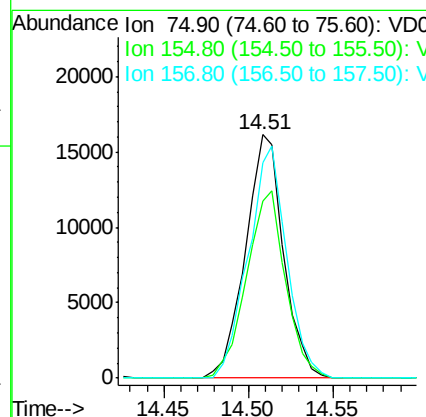
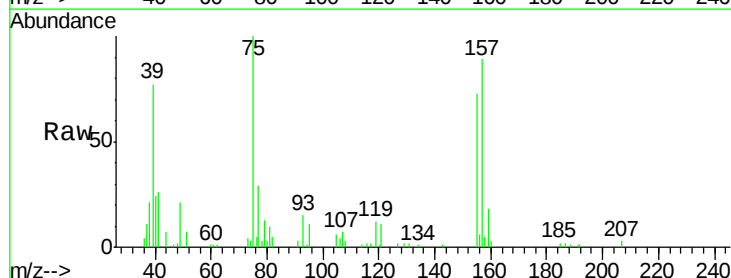
Manual Integrations
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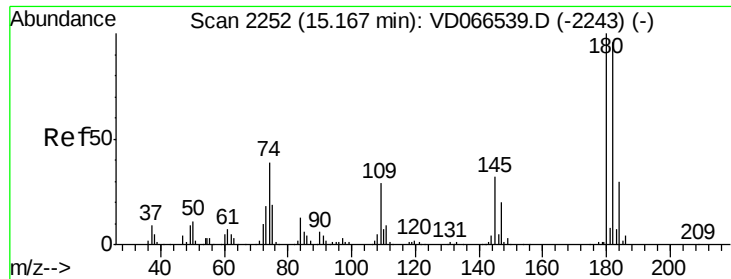
MMDadoda
 9/10/2020 10:46:56 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.155 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	39.3	117.8
157	96.0	46.0	137.8





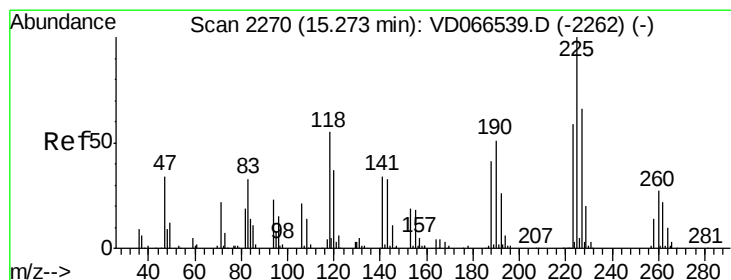
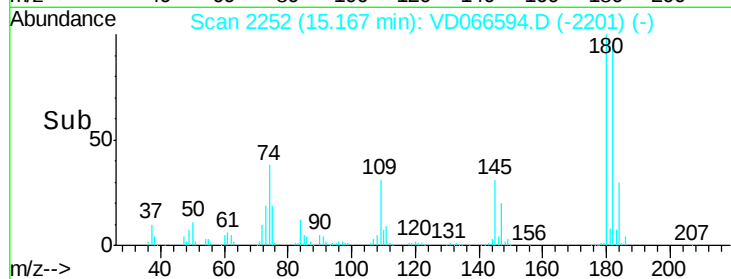
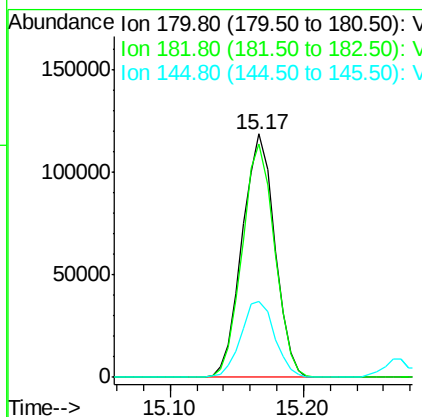
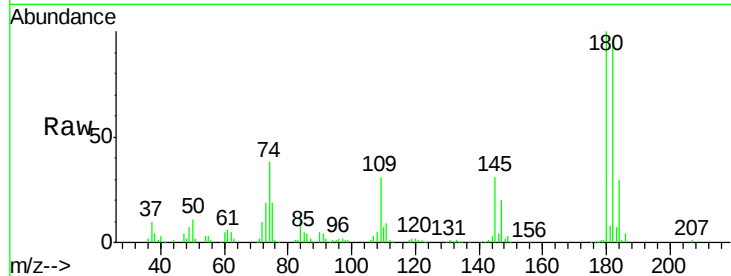
#93
 1,2,4-Trichlorobenzene
 Concen: 46.982 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199955		
182	95.7	48.4	145.0	
145	32.4	16.7	50.0	

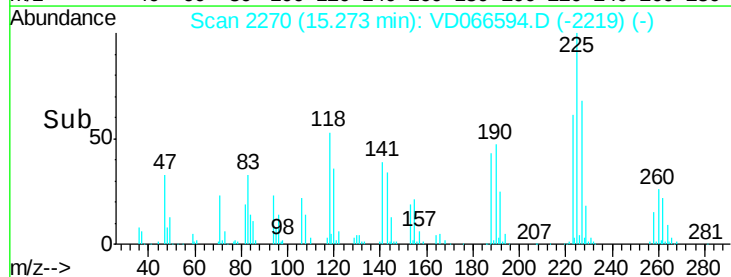
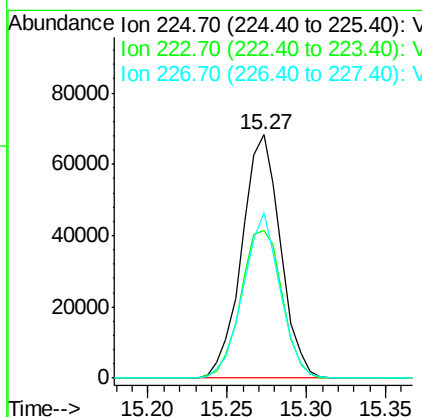
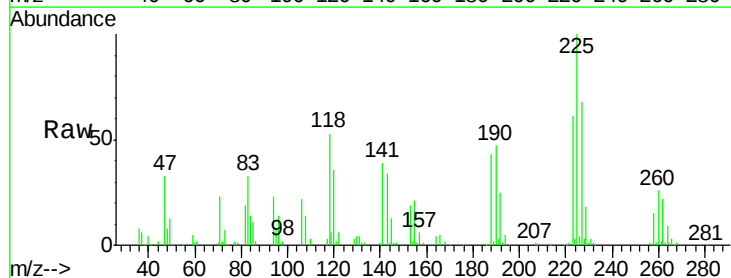
Manual Integrations
 APPROVED

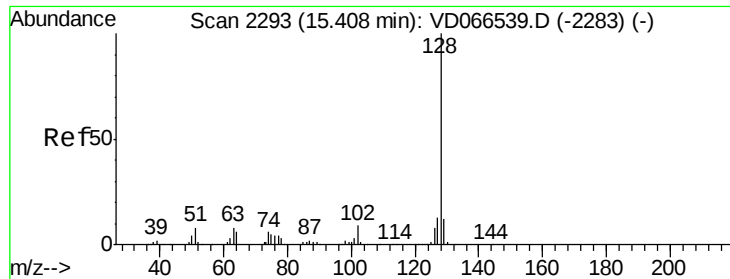
MMDadoda
 9/10/2020 10:46:56 AM



#94
 Hexachlorobutadiene
 Concen: 45.126 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066594.D
 Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115381		
223	65.4	30.5	91.5	
227	64.7	32.4	97.2	





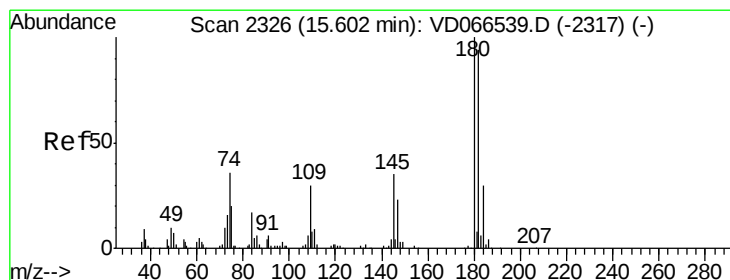
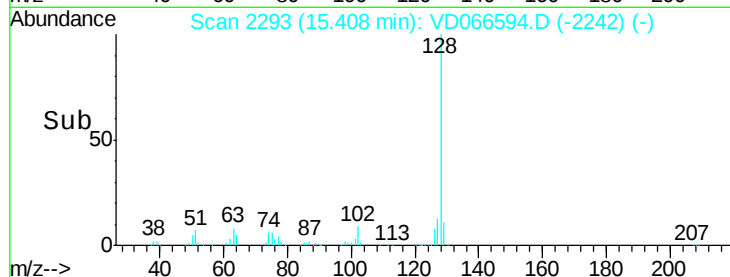
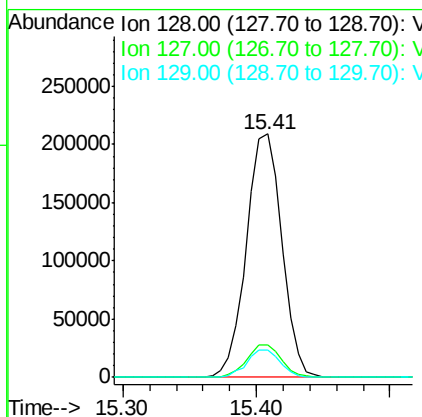
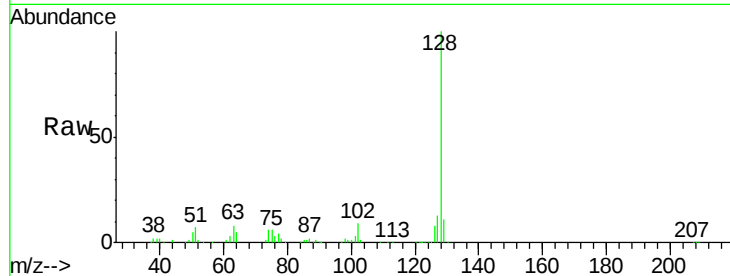
#95
Naphthalene
Concen: 51.662 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.9	9.1	13.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 49.131 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066594.D
Acq: 09 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	34.9	17.3	51.7

