

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071586.D
 Acq On : 04 Jan 2022 12:02
 Operator : VA/SY
 Sample : M5253-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-1-122921RE

Quant Time: Jan 04 15:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	4700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	6860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	5657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	2186	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	2753	44.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.200%
35) Dibromofluoromethane	7.908	113	2049	44.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.880%
50) Toluene-d8	10.338	98	7759	44.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.060%
62) 4-Bromofluorobenzene	12.626	95	2163	34.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.880%

Target Compounds						Qvalue
6) Chloroethane	2.944	64	66	1.316	ug/l #	39
10) Methyl Iodide	4.338	142	211	4.031	ug/l #	40
12) 1,1-Dichloroethene	4.079	96	128	2.614	ug/l #	1
13) Acrolein	4.091	56	60	19.898	ug/l #	13
14) Allyl chloride	4.750	41	139	1.501	ug/l #	28
15) Acrylonitrile	5.250	53	58	4.447	ug/l #	45
16) Acetone	4.162	43	415	26.469	ug/l #	40
18) Methyl Acetate	4.756	43	83	1.715	ug/l #	51
19) Methyl tert-butyl Ether	5.473	73	158	1.250	ug/l #	52
20) Methylene Chloride	4.961	84	559	3.123	ug/l #	7
21) trans-1,2-Dichloroethene	5.279	96	79	1.393	ug/l #	1
25) 2-Butanone	7.208	43	67	3.578	ug/l #	45
28) Bromochloromethane	7.685	49	66	1.490	ug/l #	14
29) Tetrahydrofuran	7.561	42	129	11.473	ug/l #	34
37) Ethyl Acetate	7.297	43	181	5.323	ug/l #	42
38) Carbon Tetrachloride	7.985	117	433	5.958	ug/l #	12
40) Benzene	8.355	78	406	2.050	ug/l #	46
41) Methacrylonitrile	7.485	41	66	3.268	ug/l #	33
42) 1,2-Dichloroethane	8.414	62	84	1.301	ug/l #	71
44) Trichloroethene	9.114	130	173	3.353	ug/l	1
48) Methyl methacrylate	9.444	41	56	1.677	ug/l #	15
51) 4-Methyl-2-Pentanone	10.220	43	101	2.845	ug/l #	34
59) 2-Hexanone	10.985	43	136	5.419	ug/l #	22
64) Tetrachloroethene	10.867	164	138	3.510	ug/l #	33
67) Ethyl Benzene	11.732	91	340	1.574	ug/l #	74
68) m/p-Xylenes	11.855	106	493	6.009	ug/l #	28
73) Isopropylbenzene	12.467	105	618	3.667	ug/l #	49
74) N-amyl acetate	12.285	43	72	1.592	ug/l #	40
76) 1,2,3-Trichloropropane	12.796	75	77	2.965	ug/l #	1
78) n-propylbenzene	12.814	91	375	1.775	ug/l #	54
79) 2-Chlorotoluene	12.908	91	140	1.186	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.538	75	66	7.180	ug/l #	18
82) 4-Chlorotoluene	13.002	91	389	3.177	ug/l #	42
83) tert-Butylbenzene	13.214	119	122	1.027	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.261	105	472	3.431	ug/l #	31
86) p-Isopropyltoluene	13.502	119	393	2.616	ug/l #	51

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

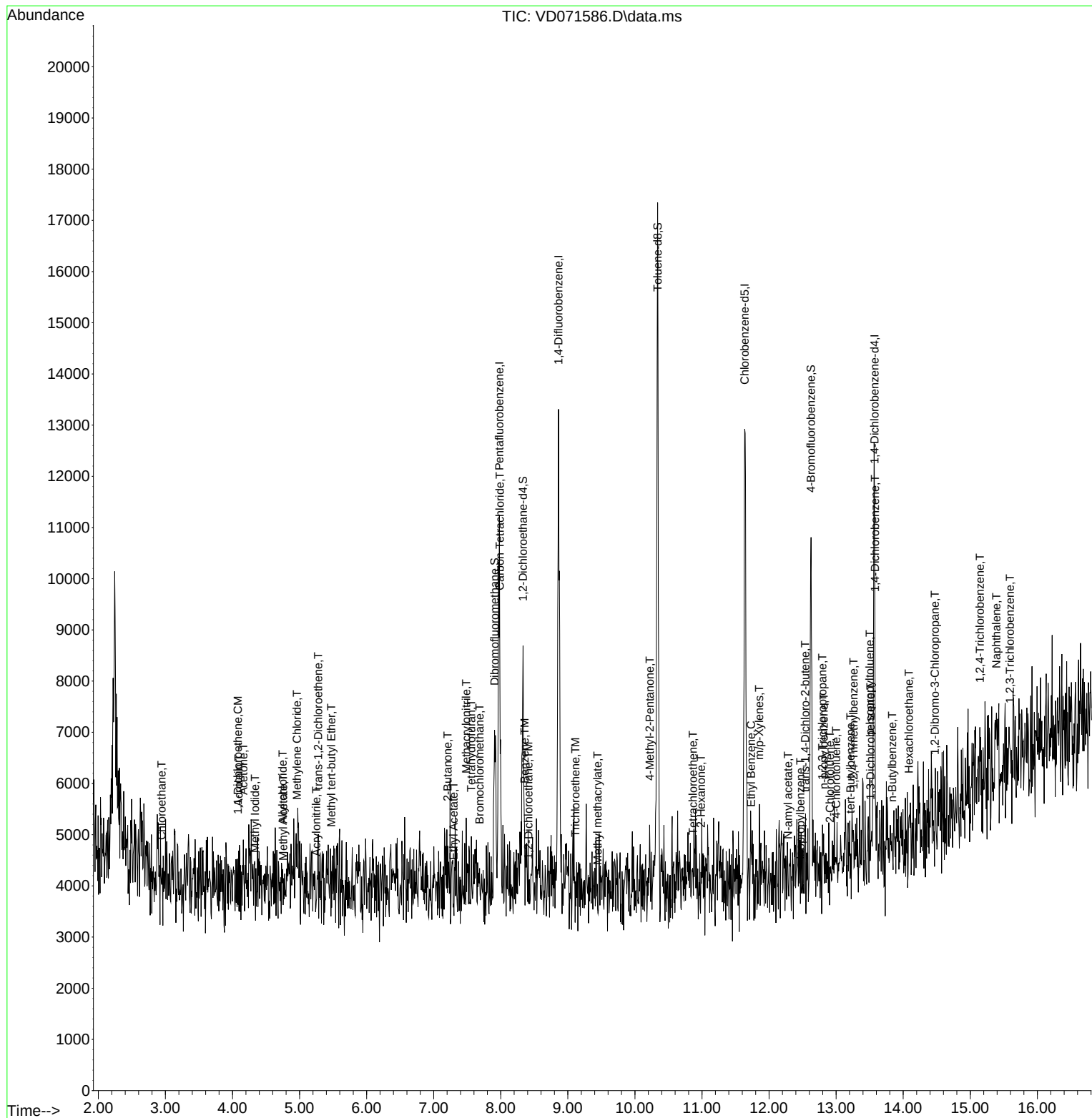
87) 1,3-Dichlorobenzene	13.514	146	293	3.879	ug/l #	43
88) 1,4-Dichlorobenzene	13.579	146	76	1.026	ug/l #	25
89) n-Butylbenzene	13.837	91	455	3.085	ug/l #	41
90) Hexachloroethane	14.085	117	59	2.073	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.473	75	72	13.626	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.143	180	114	2.919	ug/l #	1
95) Naphthalene	15.390	128	459	6.174	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.590	180	261	7.725	ug/l #	13

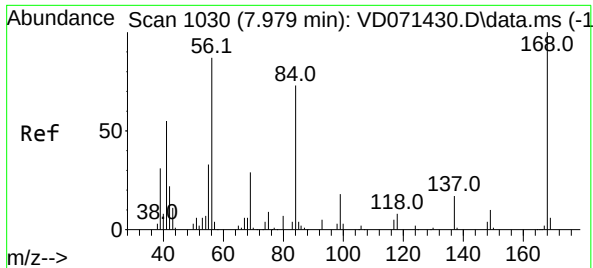
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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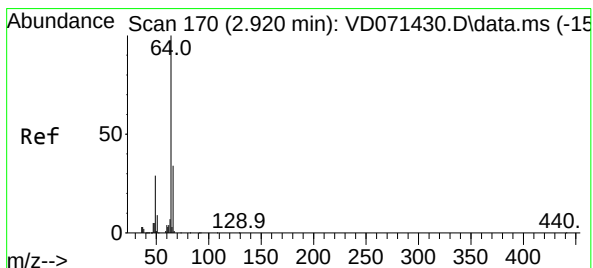
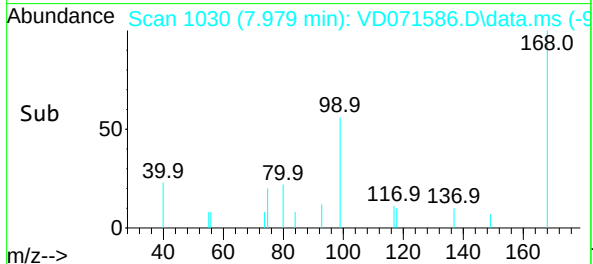
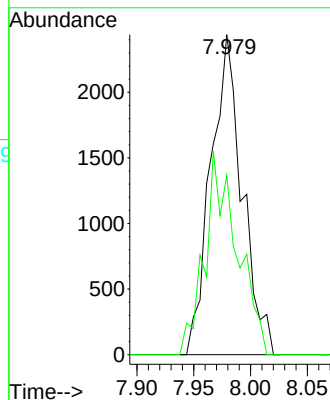
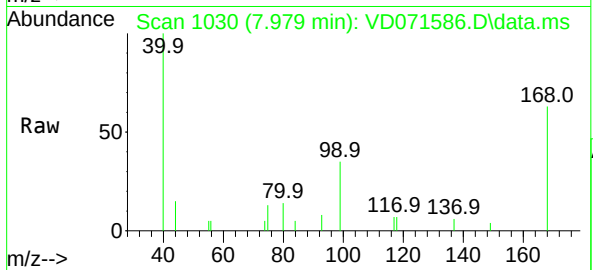




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

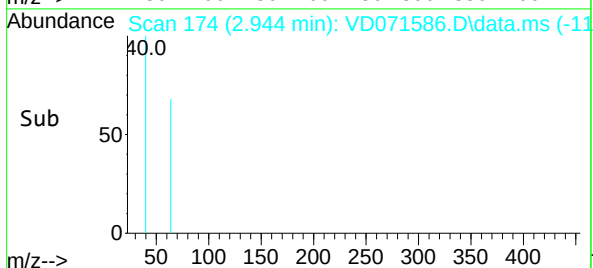
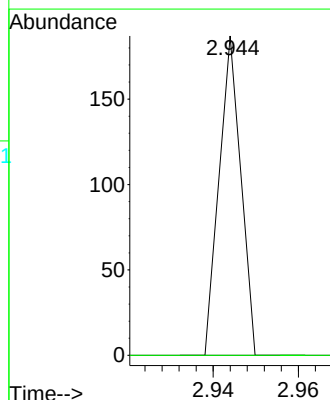
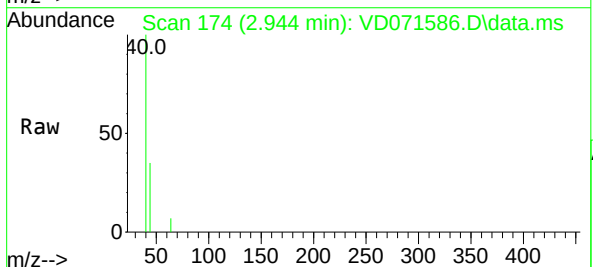
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

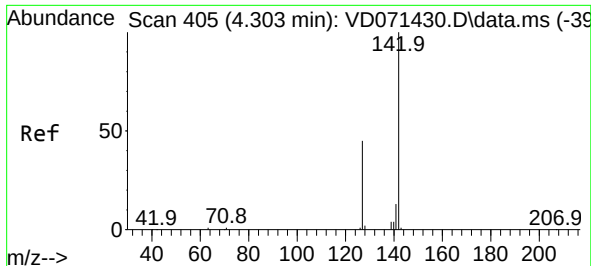
Tgt Ion:168 Resp: 4700
Ion Ratio Lower Upper
168 100
99 56.0 46.6 69.8



#6
Chloroethane
Concen: 1.316 ug/l
RT: 2.944 min Scan# 174
Delta R.T. 0.029 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

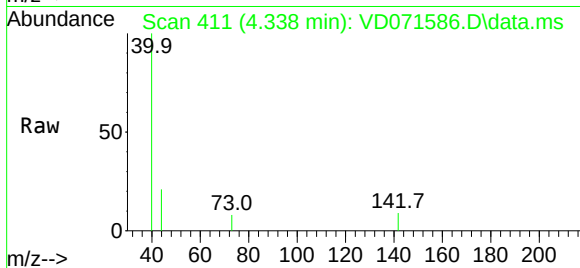
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 29.0 43.4#



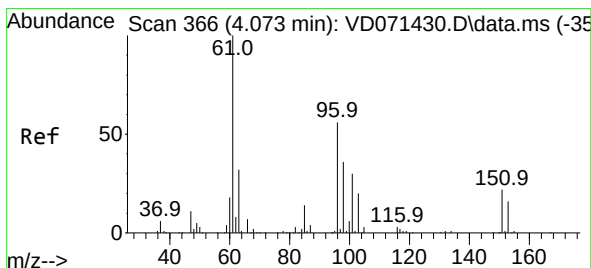
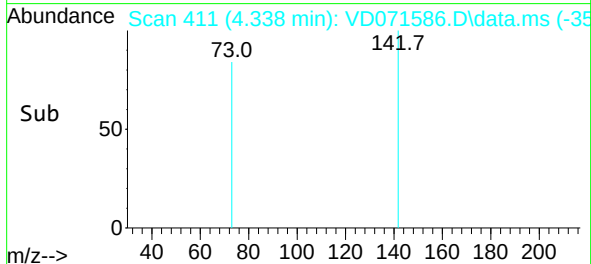
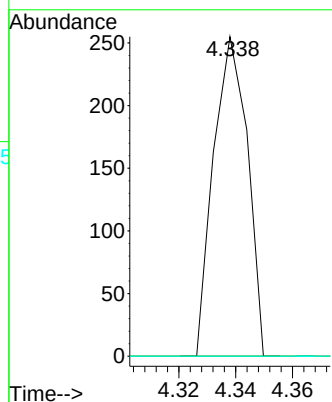


#10
Methyl Iodide
Concen: 4.031 ug/l
RT: 4.338 min Scan# 411
Delta R.T. 0.041 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

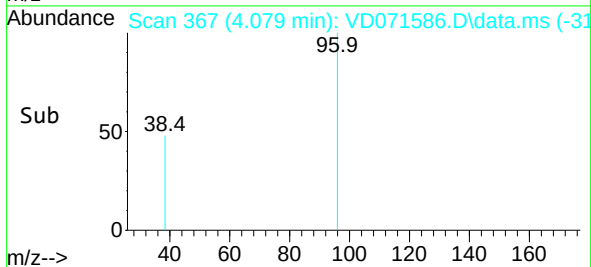
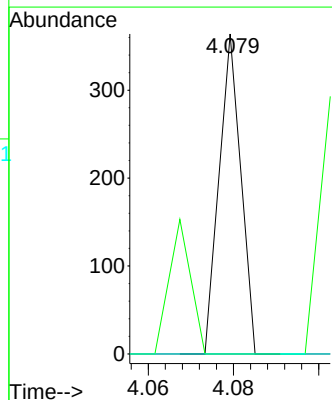
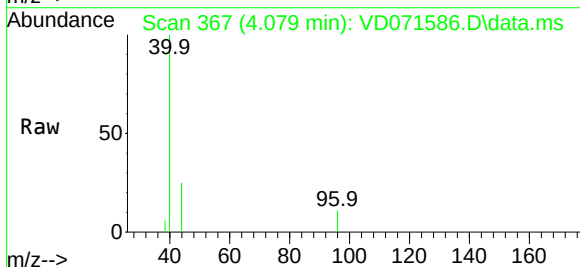


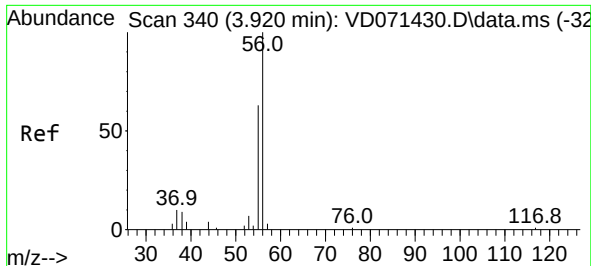
Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#



#12
1,1-Dichloroethene
Concen: 2.614 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.017 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 96 Resp: 128
Ion Ratio Lower Upper
96 100
61 0.0 120.3 180.5#
98 0.0 54.4 81.6#





#13

Acrolein

Concen: 19.898 ug/l

RT: 4.091 min Scan# 30

Delta R.T. 0.177 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

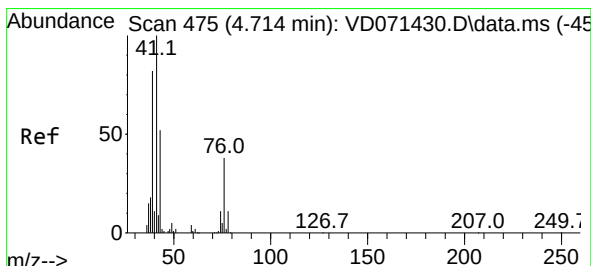
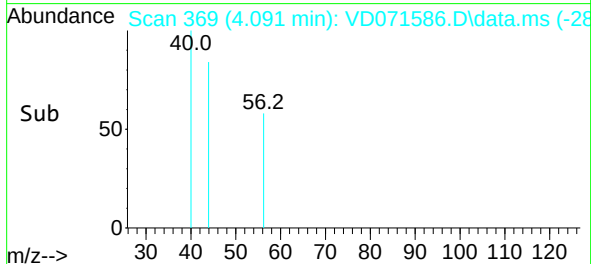
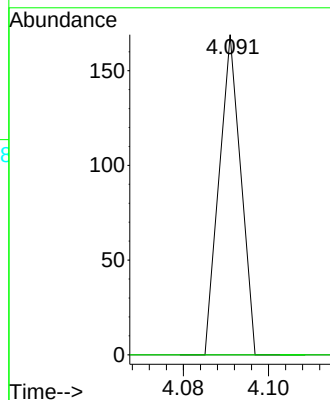
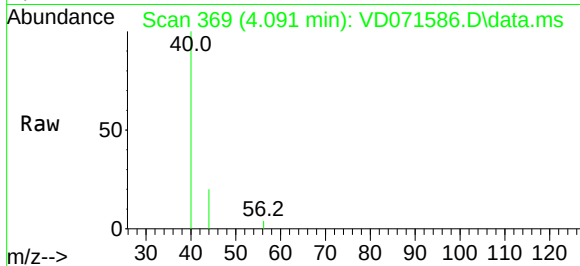
SA-1-122921RE

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 0.0 58.6 87.8#



#14

Allyl chloride

Concen: 1.501 ug/l

RT: 4.750 min Scan# 481

Delta R.T. 0.047 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

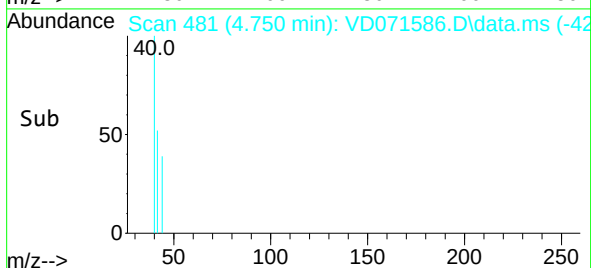
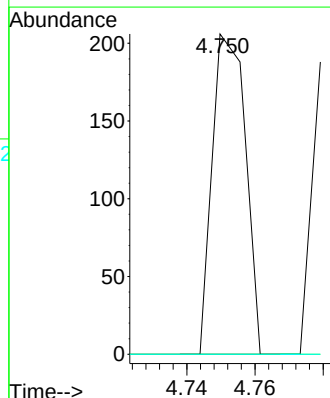
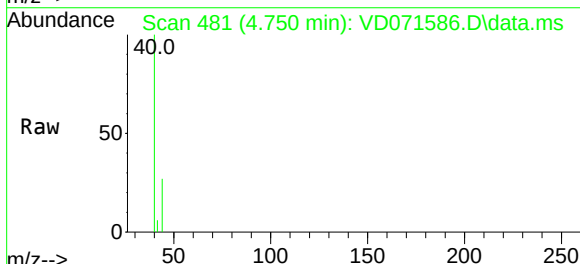
Tgt Ion: 41 Resp: 139

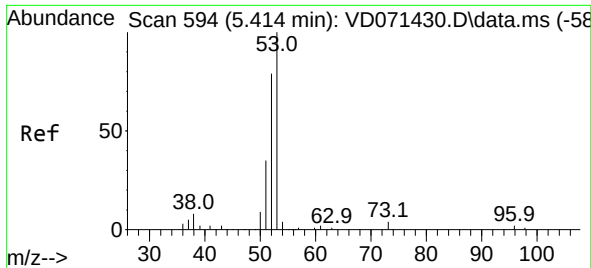
Ion Ratio Lower Upper

41 100

39 0.0 45.6 68.4#

76 0.0 30.2 45.4#

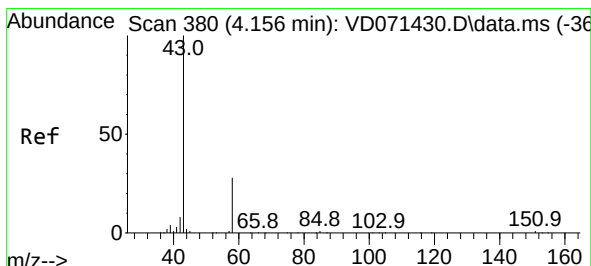
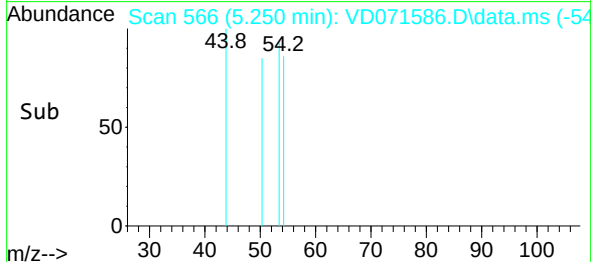
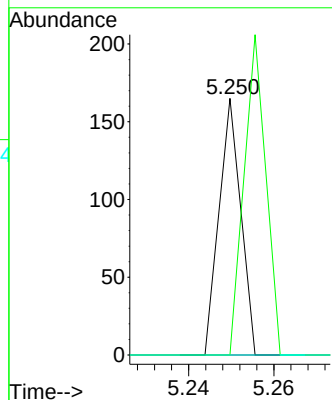
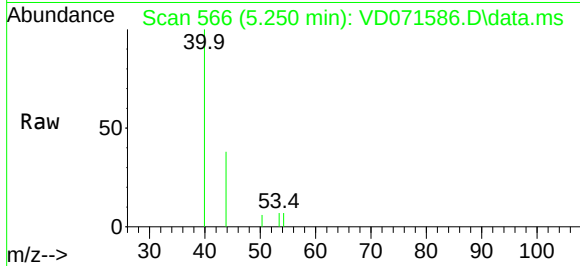




#15
Acrylonitrile
Concen: 4.447 ug/l
RT: 5.250 min Scan# 51
Delta R.T. -0.170 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

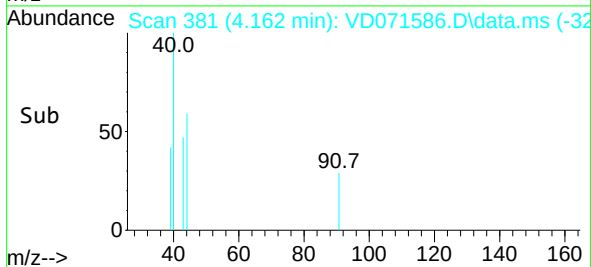
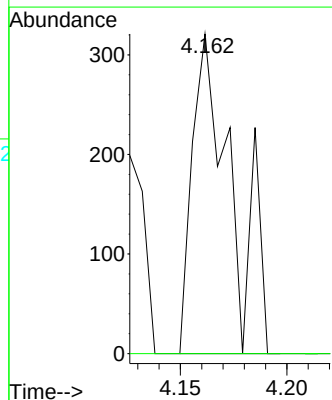
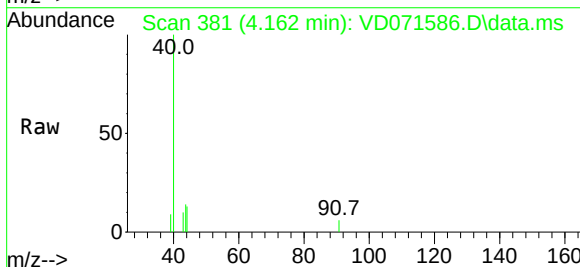
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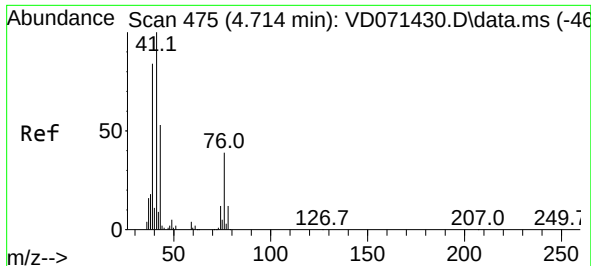
Tgt Ion: 53 Resp: 58
Ion Ratio Lower Upper
53 100
52 125.9 63.8 95.8#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 26.469 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 43 Resp: 415
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

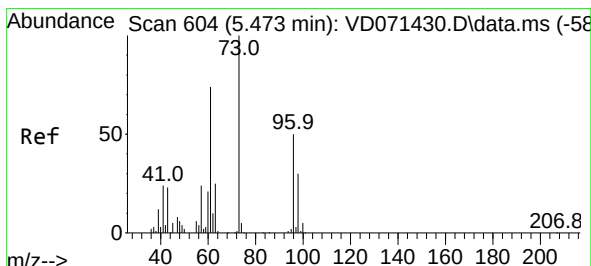
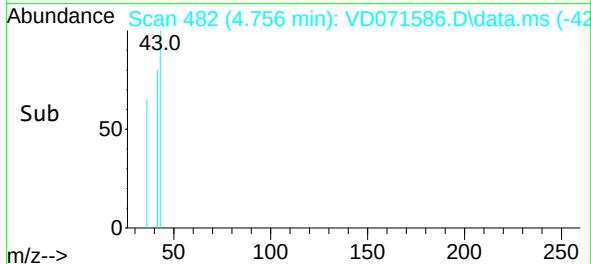
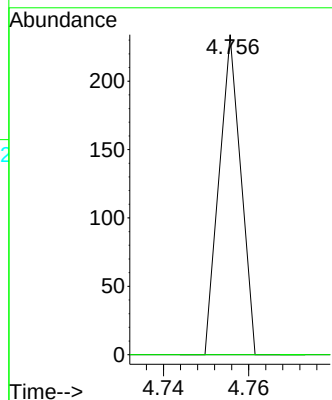
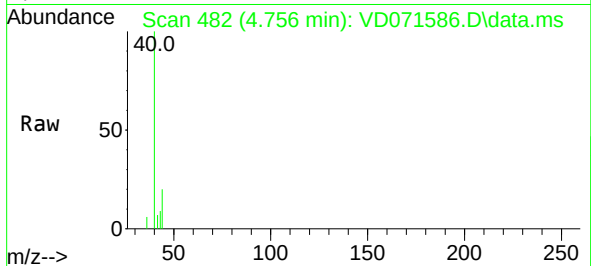




#18
Methyl Acetate
Concen: 1.715 ug/l
RT: 4.756 min Scan# 41
Delta R.T. 0.036 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

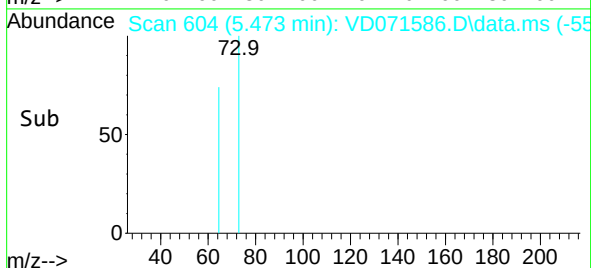
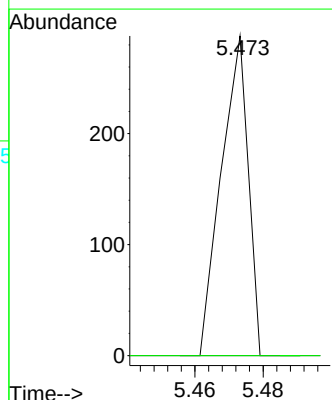
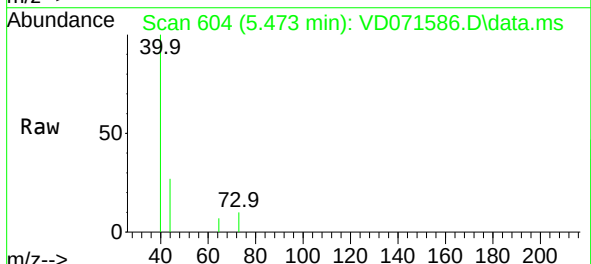
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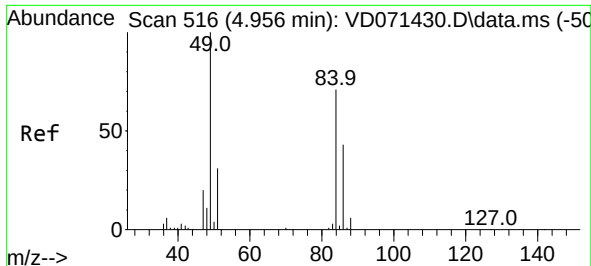
Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#19
Methyl tert-butyl Ether
Concen: 1.250 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

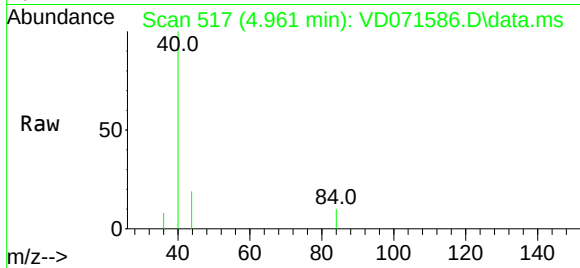
Tgt Ion: 73 Resp: 158
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#



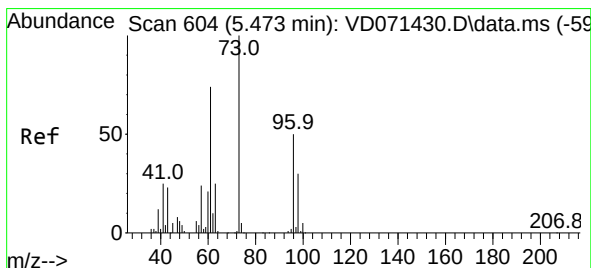
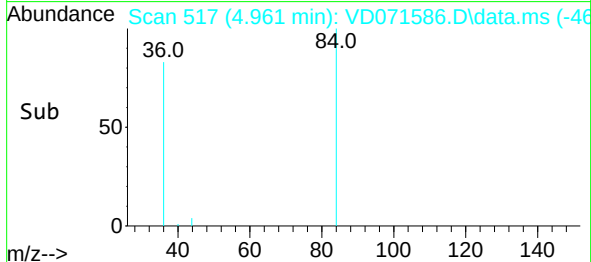
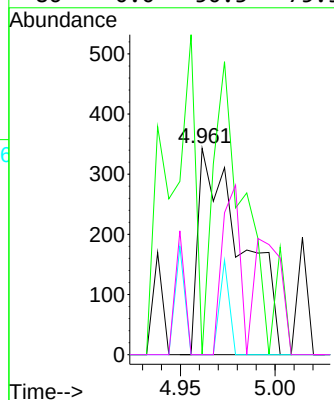


#20
Methylene Chloride
Concen: 3.123 ug/l
RT: 4.961 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

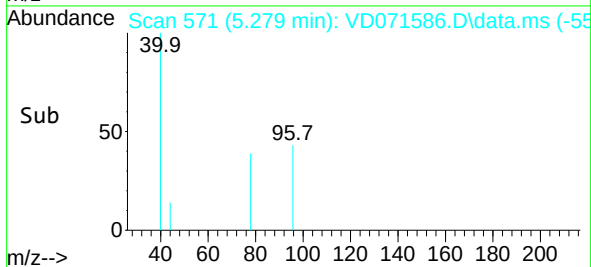
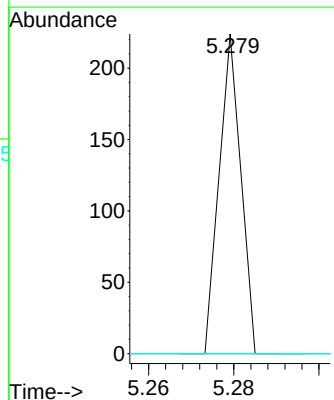
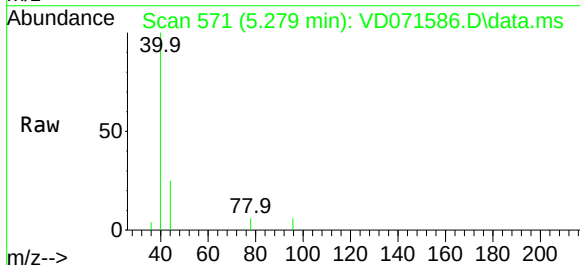


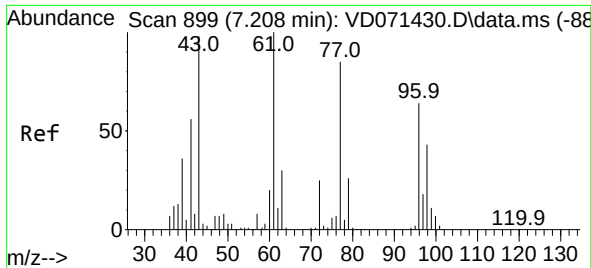
Tgt Ion:	84	Resp:	559
Ion	Ratio	Lower	Upper
84	100		
49	0.0	95.8	143.6#
51	0.0	30.9	46.3#
86	0.0	50.3	75.5#



#21
trans-1,2-Dichloroethene
Concen: 1.393 ug/l
RT: 5.279 min Scan# 571
Delta R.T. -0.194 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion:	96	Resp:	79
Ion	Ratio	Lower	Upper
96	100		
61	0.0	102.1	153.1#
98	0.0	50.1	75.1#

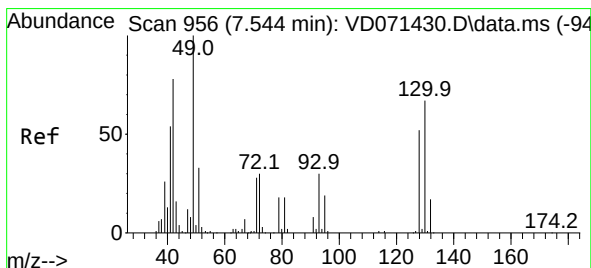
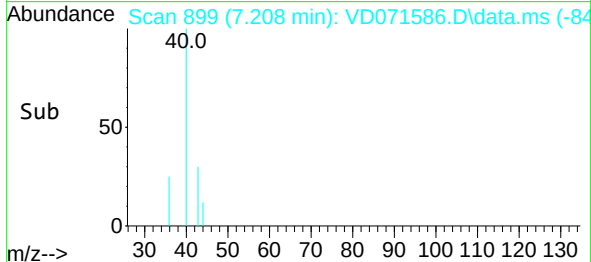
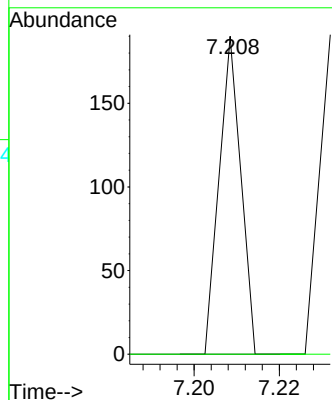
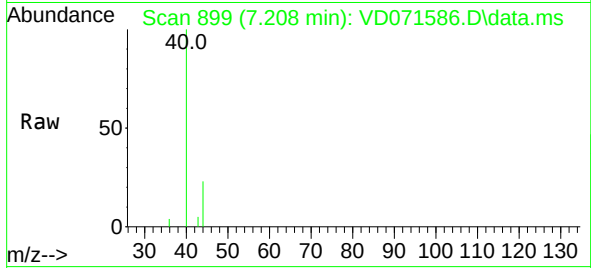




#25
2-Butanone
Concen: 3.578 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

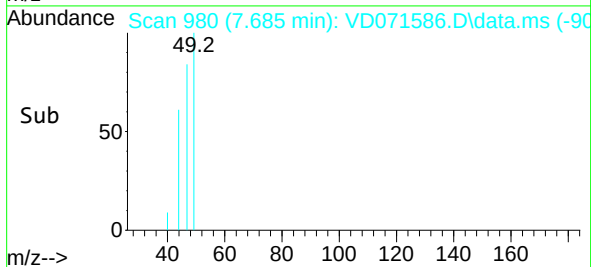
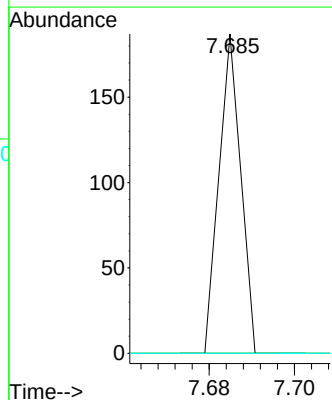
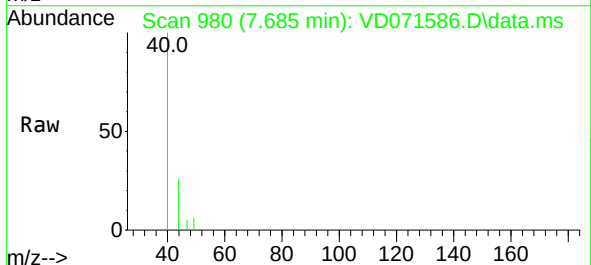
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

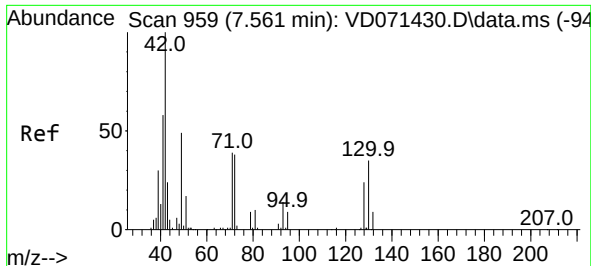
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#28
Bromochloromethane
Concen: 1.490 ug/l
RT: 7.685 min Scan# 980
Delta R.T. 0.147 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 49 Resp: 66
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 60.2 90.2#





#29

Tetrahydrofuran

Concen: 11.473 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071586.D

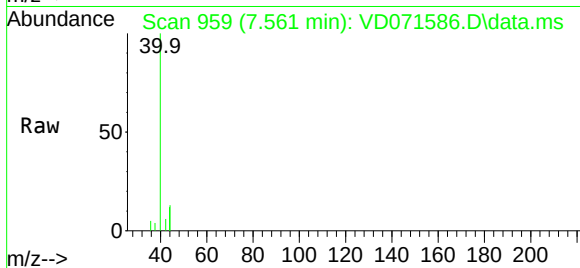
Acq: 04 Jan 2022 12:02

Instrument :

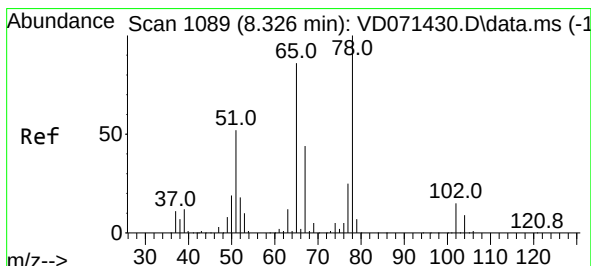
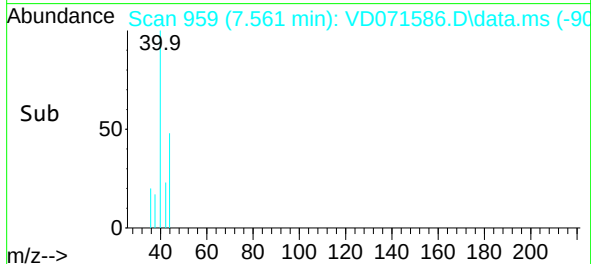
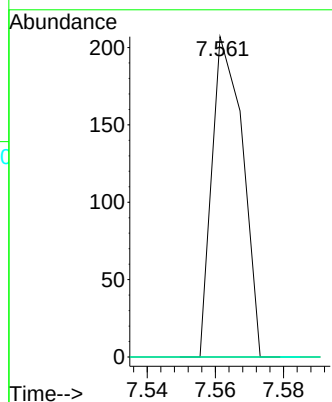
MSVOA_D

ClientSampleId :

SA-1-122921RE



Tgt Ion:	42	Resp:	129
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	32.7	49.1#



#33

1,2-Dichloroethane-d4

Concen: 44.104 ug/l

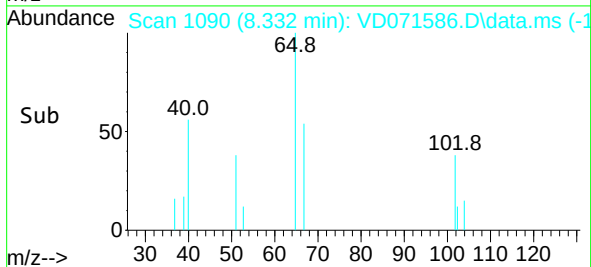
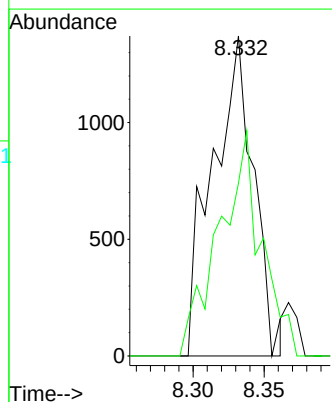
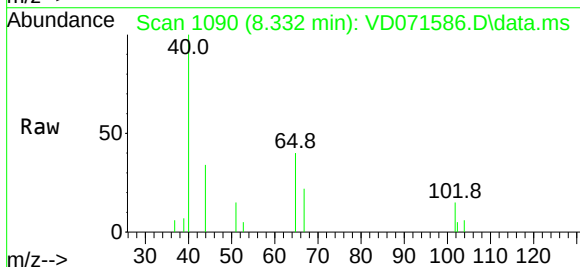
RT: 8.332 min Scan# 1090

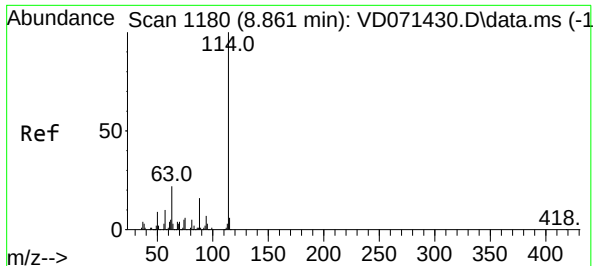
Delta R.T. 0.006 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Tgt Ion:	65	Resp:	2753
Ion	Ratio	Lower	Upper
65	100		
67	72.5	0.0	112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

SA-1-122921RE

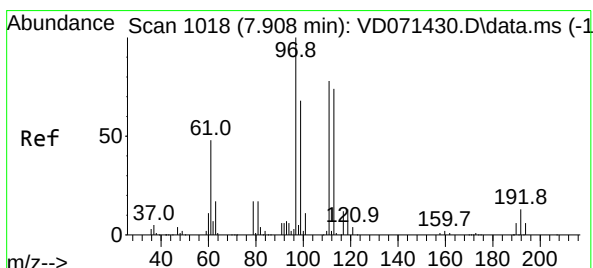
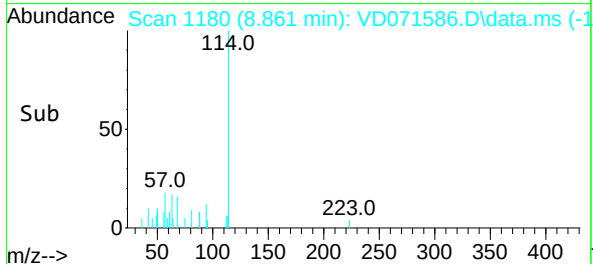
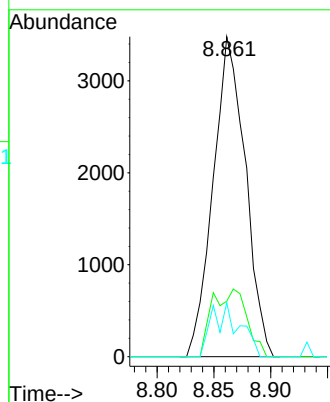
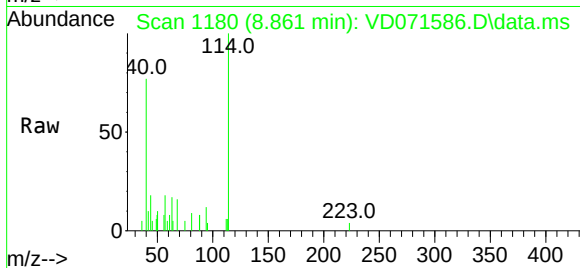
Tgt Ion:114 Resp: 6860

Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 44.442 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

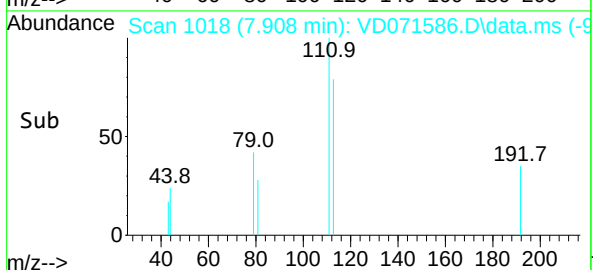
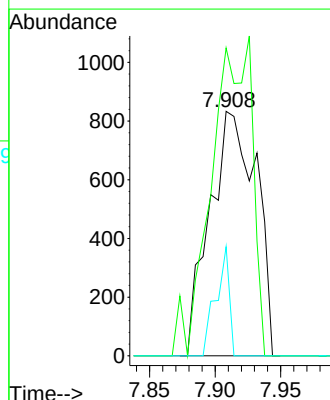
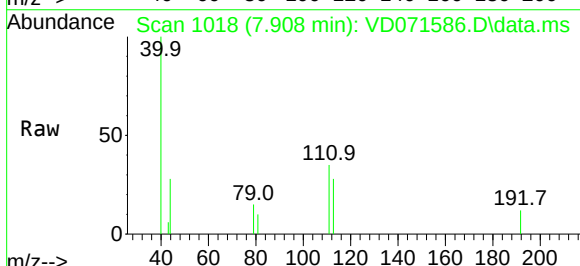
Tgt Ion:113 Resp: 2049

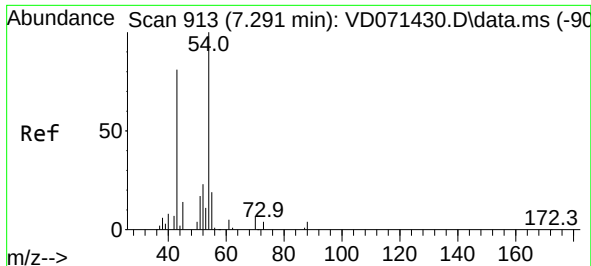
Ion Ratio Lower Upper

113 100

111 114.3 82.0 123.0

192 12.9 15.2 22.8#

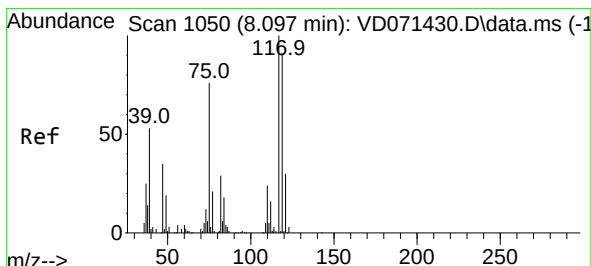
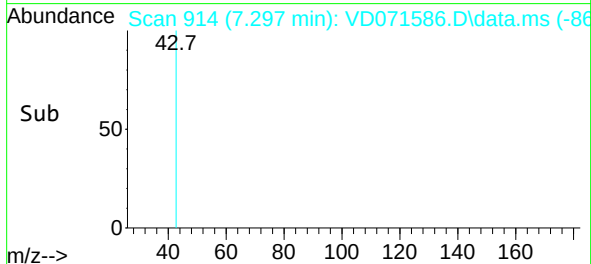
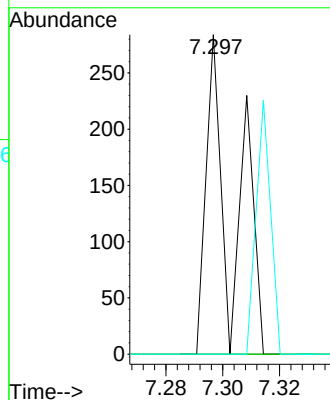
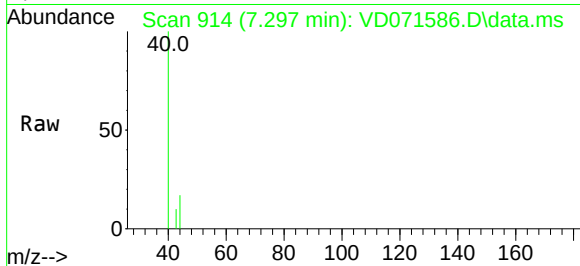




#37
Ethyl Acetate
Concen: 5.323 ug/l
RT: 7.297 min Scan# 913
Delta R.T. 0.012 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

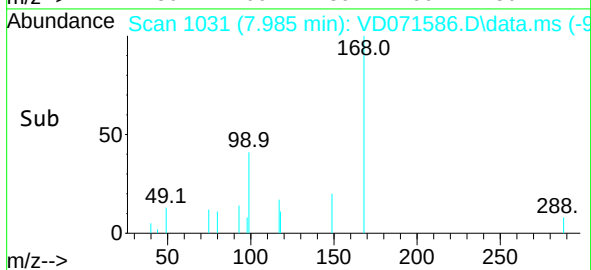
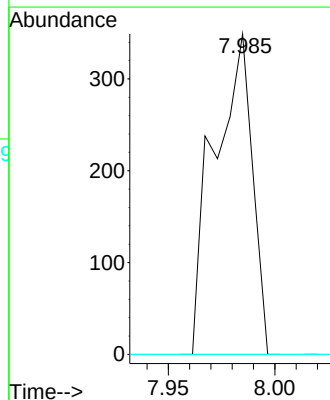
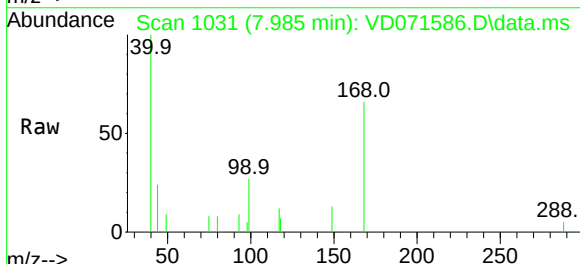
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

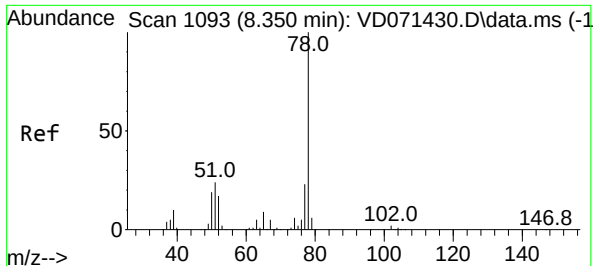
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 44.2 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 117 Resp: 433
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#





#40

Benzene

Concen: 2.050 ug/l

RT: 8.355 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

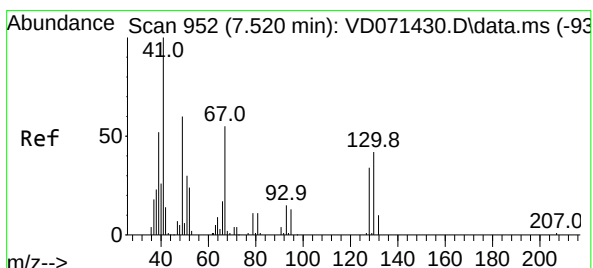
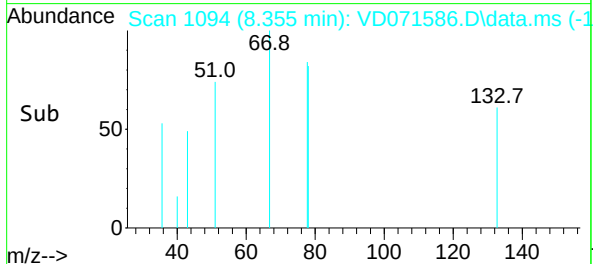
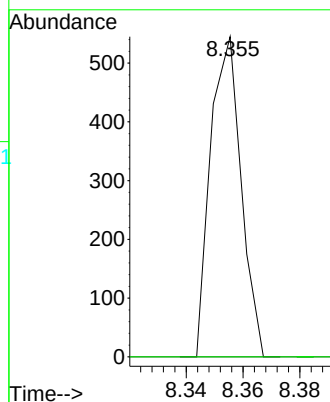
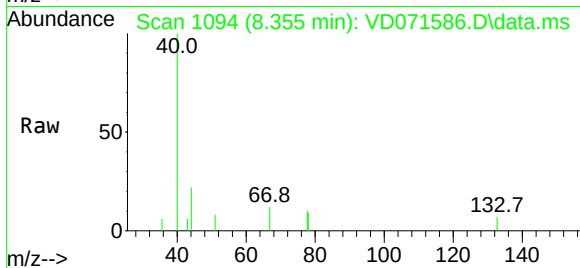
SA-1-122921RE

Tgt Ion: 78 Resp: 406

Ion Ratio Lower Upper

78 100

77 50.5 19.1 28.7#



#41

Methacrylonitrile

Concen: 3.268 ug/l

RT: 7.485 min Scan# 946

Delta R.T. -0.041 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Tgt Ion: 41 Resp: 66

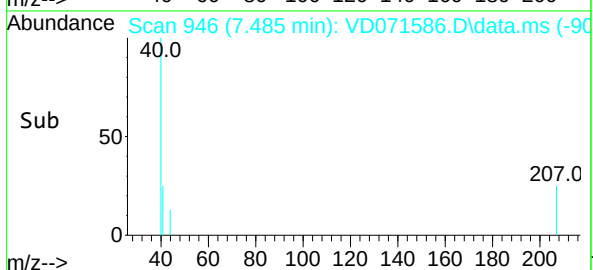
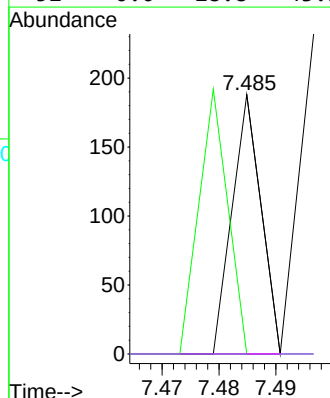
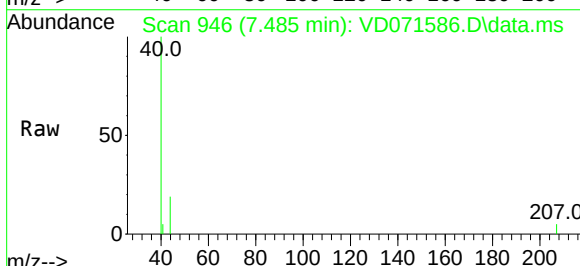
Ion Ratio Lower Upper

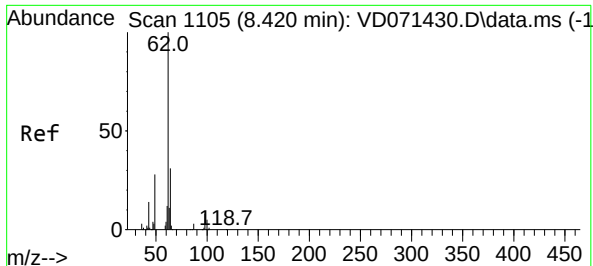
41 100

39 103.0 60.2 90.4#

67 0.0 74.8 112.2#

52 0.0 28.8 43.2#





#42

1,2-Dichloroethane

Concen: 1.301 ug/l

RT: 8.414 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

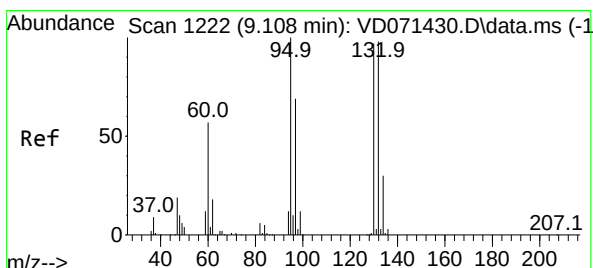
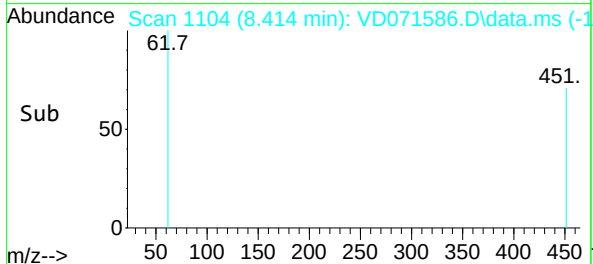
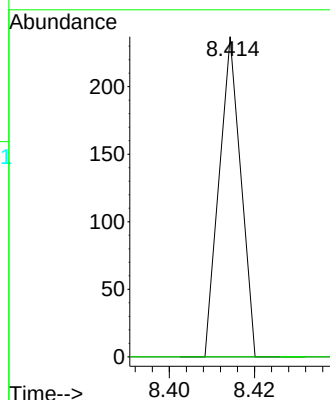
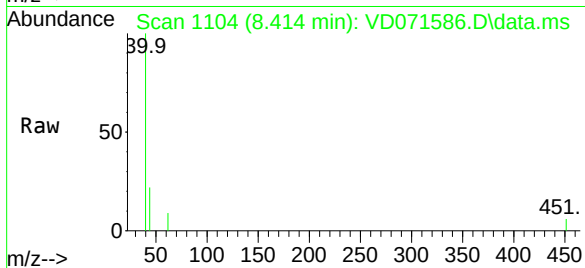
SA-1-122921RE

Tgt Ion: 62 Resp: 84

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.8



#44

Trichloroethene

Concen: 3.353 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD071586.D

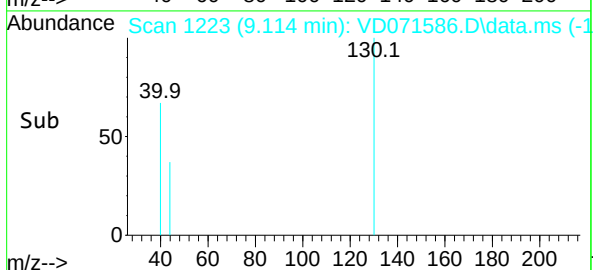
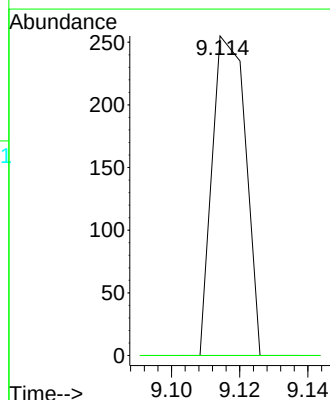
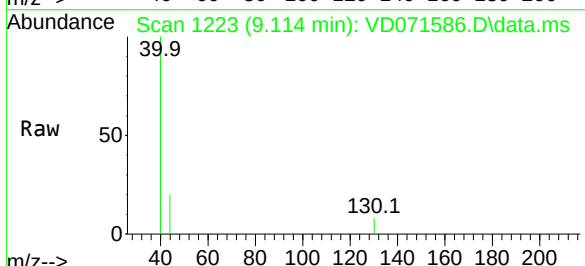
Acq: 04 Jan 2022 12:02

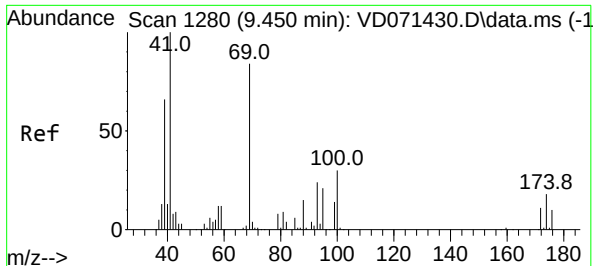
Tgt Ion:130 Resp: 173

Ion Ratio Lower Upper

130 100

95 0.0 0.0 193.2





#48

Methyl methacrylate

Concen: 1.677 ug/l

RT: 9.444 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

SA-1-122921RE

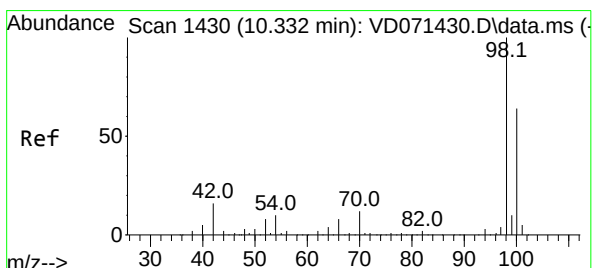
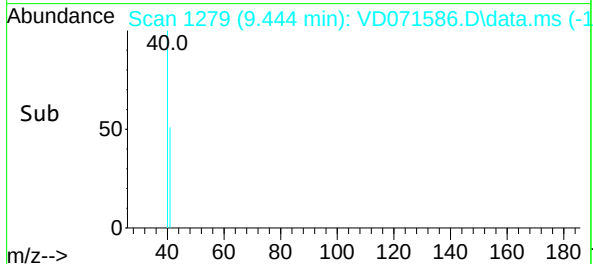
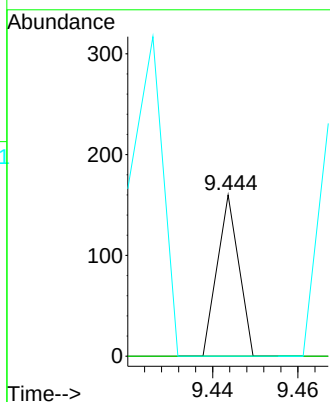
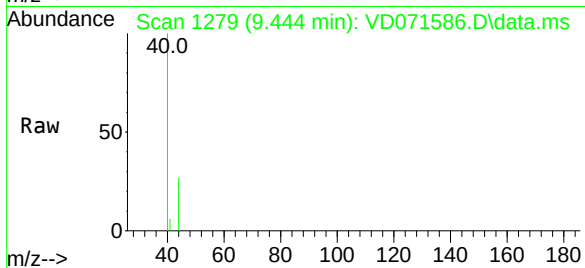
Tgt Ion: 41 Resp: 56

Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.6#

39 0.0 35.6 53.4#



#50

Toluene-d8

Concen: 44.533 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD071586.D

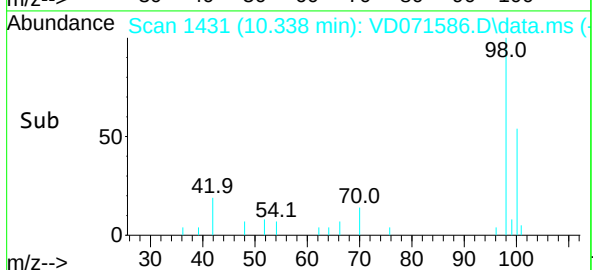
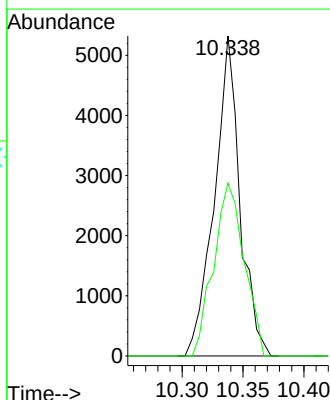
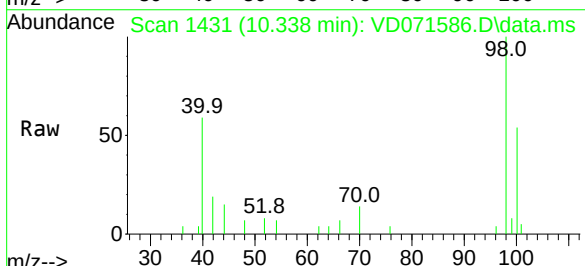
Acq: 04 Jan 2022 12:02

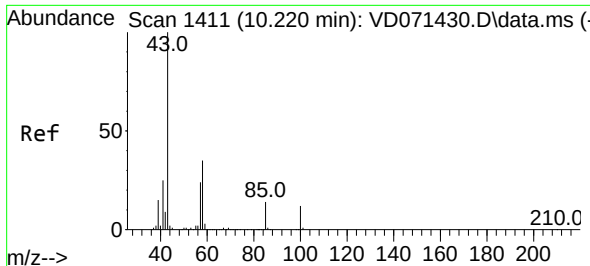
Tgt Ion: 98 Resp: 7759

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6

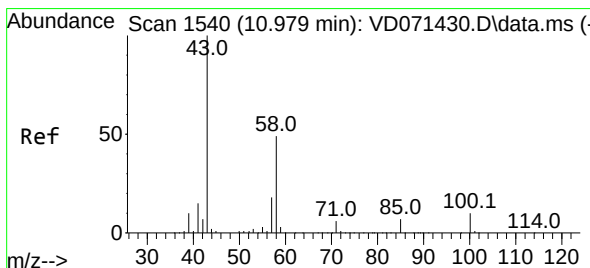
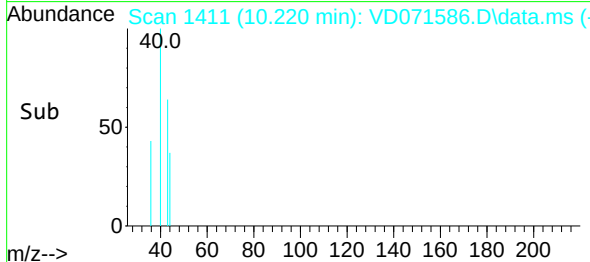
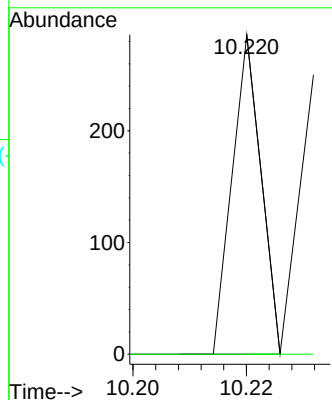
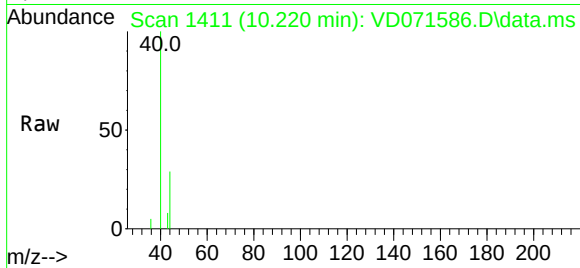




#51
4-Methyl-2-Pentanone
Concen: 2.845 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

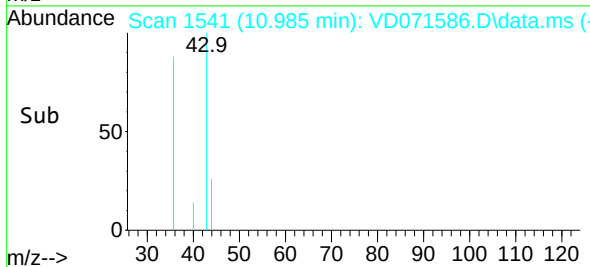
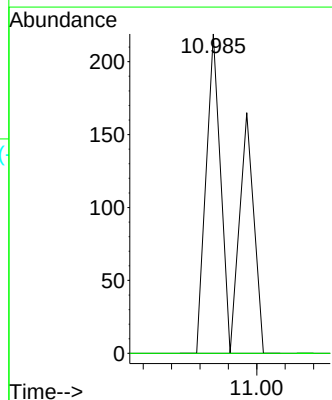
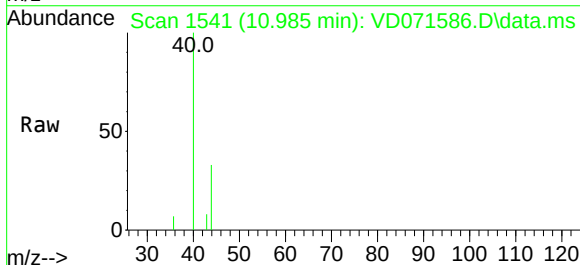
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

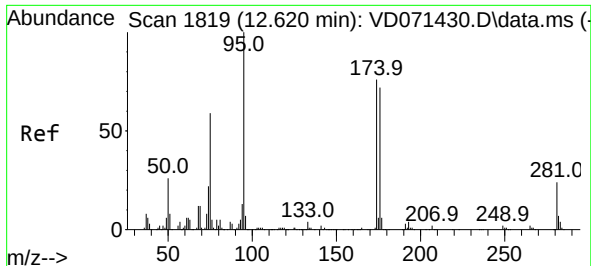
Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



#59
2-Hexanone
Concen: 5.419 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

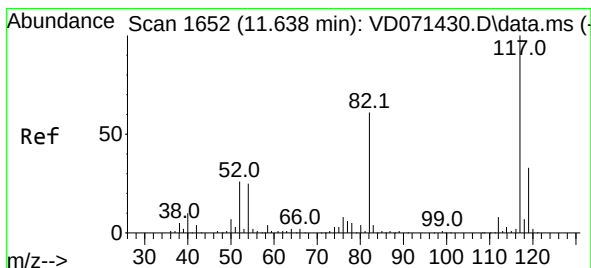
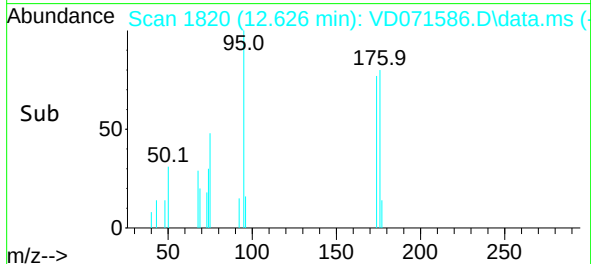
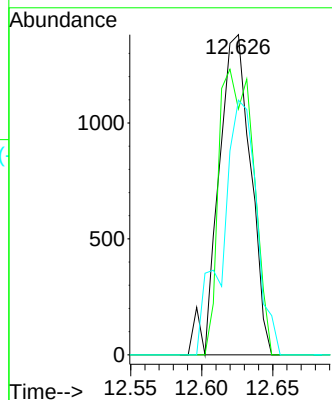
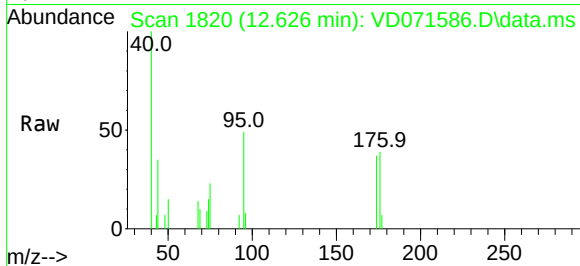




#62
4-Bromofluorobenzene
Concen: 34.936 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

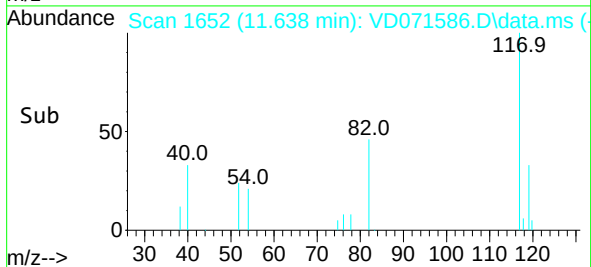
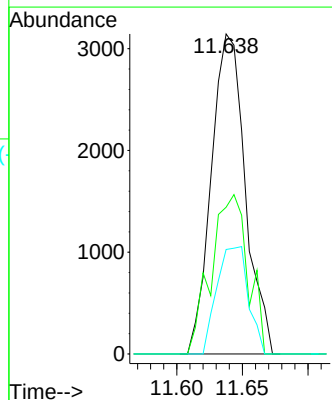
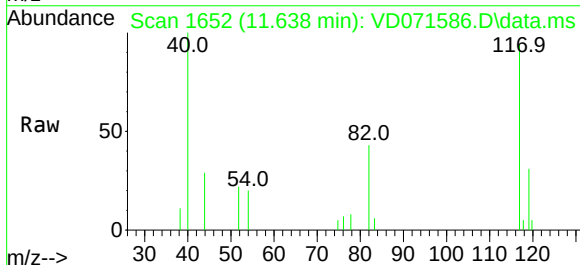
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

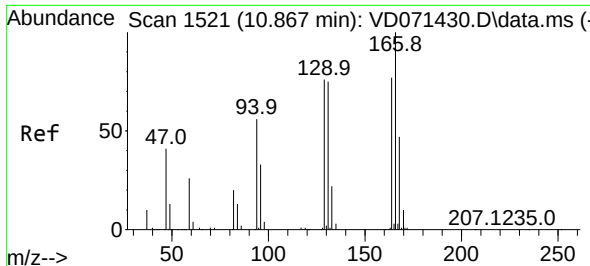
Tgt Ion:	95	Resp:	2163
Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	159.4
176	84.6	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion:	117	Resp:	5657
Ion	Ratio	Lower	Upper
117	100		
82	45.9	44.7	67.1
119	32.7	26.2	39.4

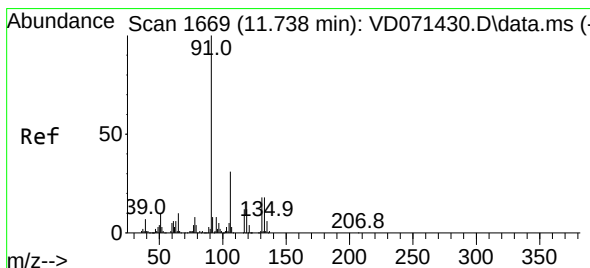
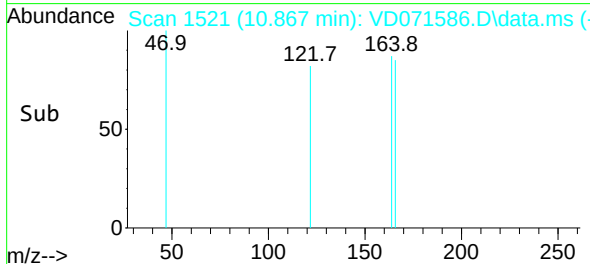
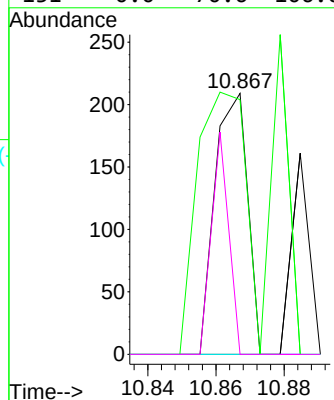
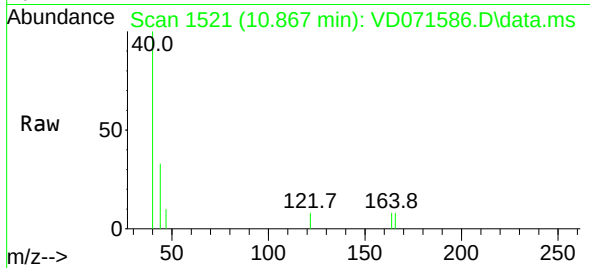




#64
Tetrachloroethene
Concen: 3.510 ug/l
RT: 10.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

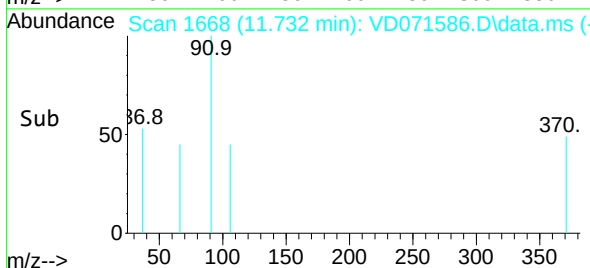
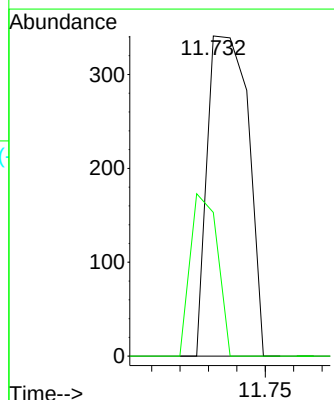
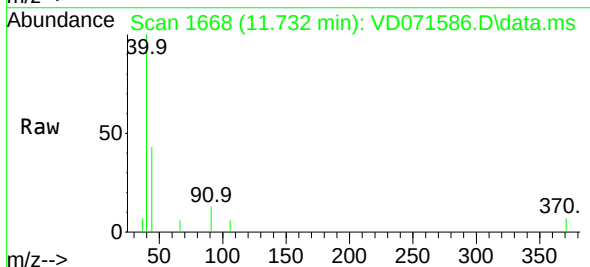
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

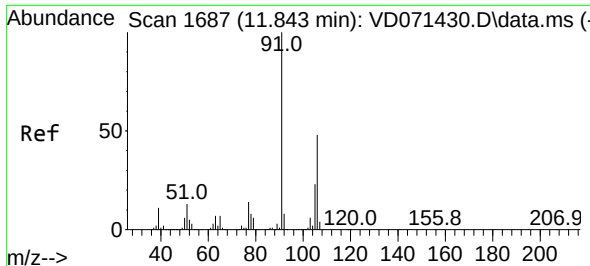
Tgt Ion:164 Resp: 138
Ion Ratio Lower Upper
164 100
166 97.6 102.6 153.8#
129 0.0 75.4 113.0#
131 0.0 70.6 106.0#



#67
Ethyl Benzene
Concen: 1.574 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 91 Resp: 340
Ion Ratio Lower Upper
91 100
106 44.9 24.6 36.8#

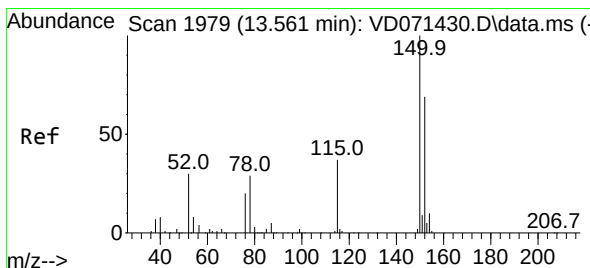
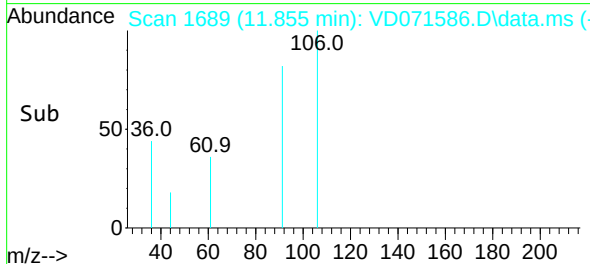
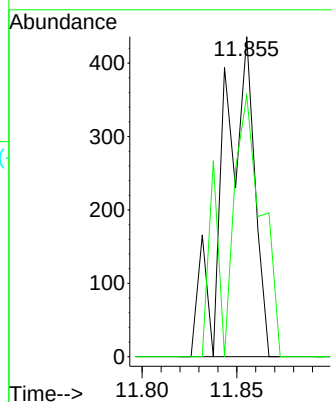
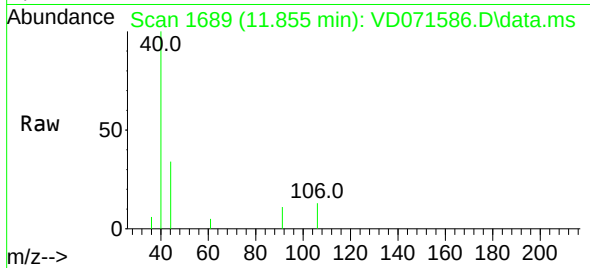




#68
m/p-Xylenes
Concen: 6.009 ug/l
RT: 11.855 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

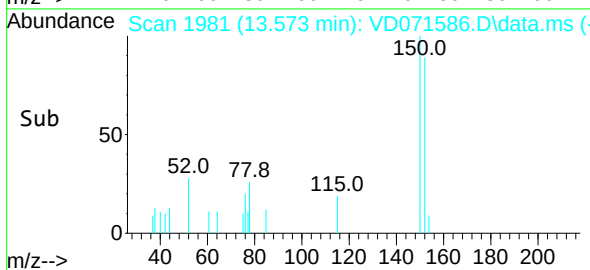
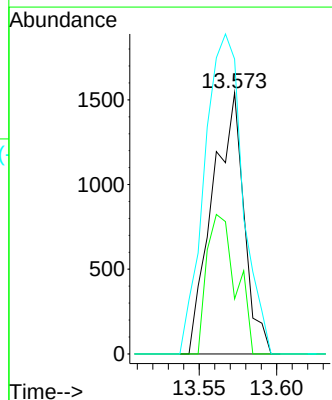
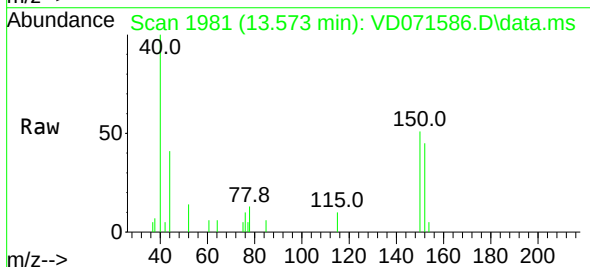
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

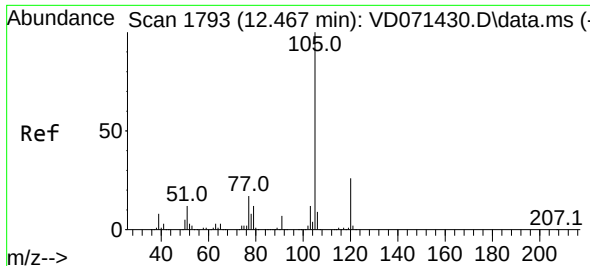
Tgt Ion:106 Resp: 493
Ion Ratio Lower Upper
106 100
91 90.7 160.1 240.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.012 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion:152 Resp: 2186
Ion Ratio Lower Upper
152 100
115 49.0 29.8 89.3
150 148.0 0.0 349.2

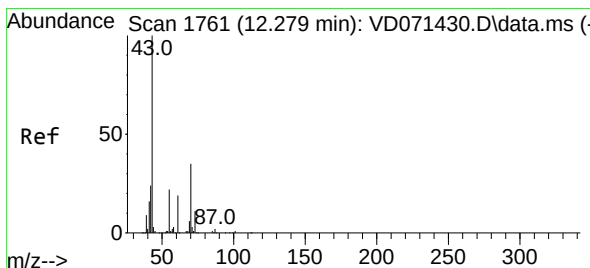
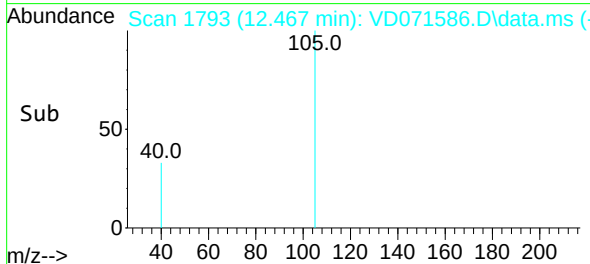
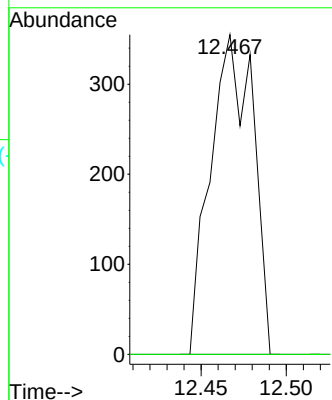
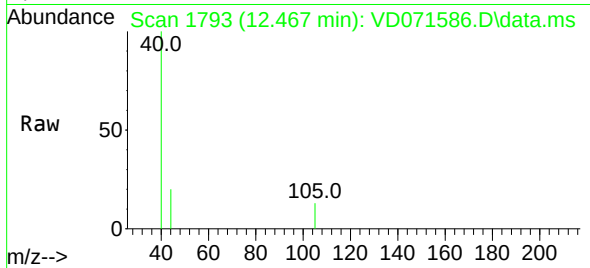




#73
Isopropylbenzene
Concen: 3.667 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

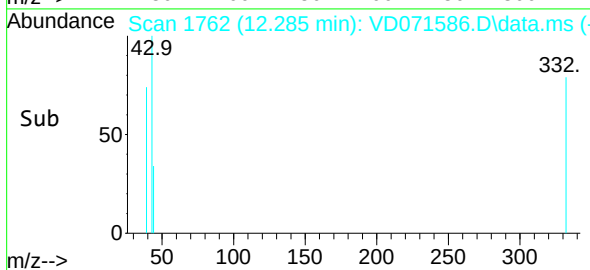
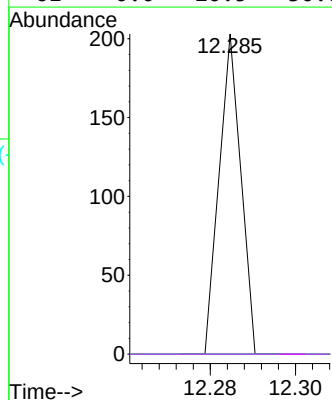
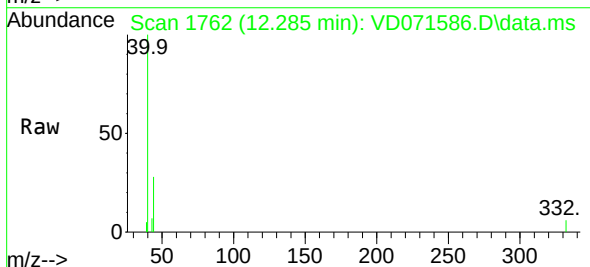
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

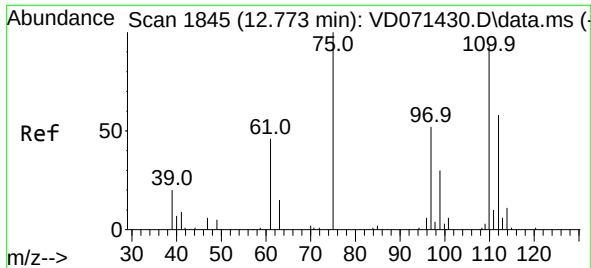
Tgt Ion:105 Resp: 618
Ion Ratio Lower Upper
105 100
120 0.0 13.2 39.5#



#74
N-ethyl acetate
Concen: 1.592 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

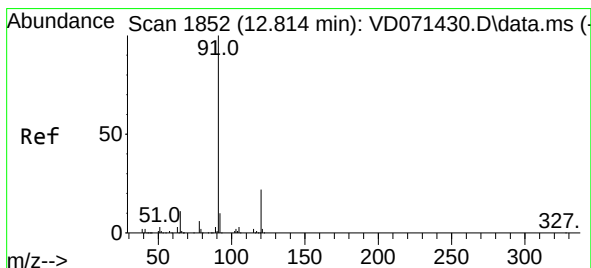
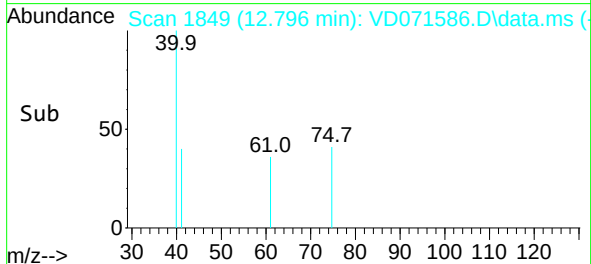
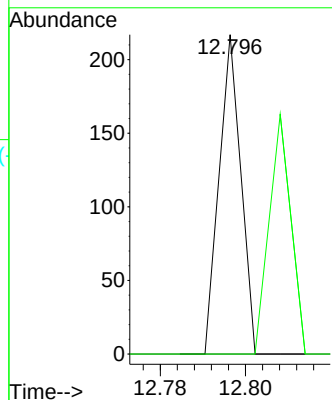
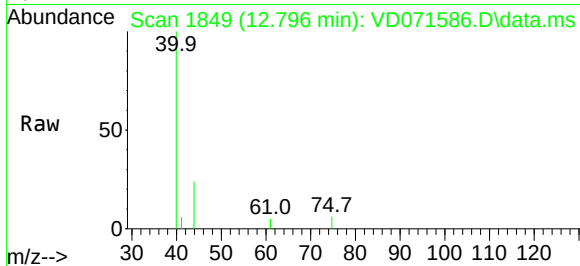




#76
1,2,3-Trichloropropane
Concen: 2.965 ug/l
RT: 12.796 min Scan# 1849
Delta R.T. 0.023 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

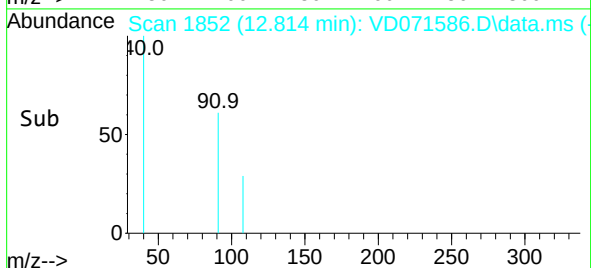
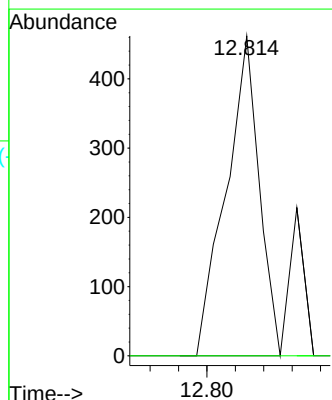
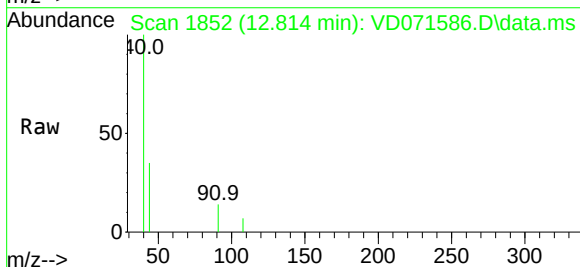
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

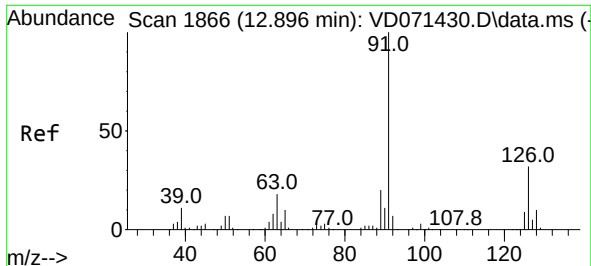
Tgt Ion: 75 Resp: 77
Ion Ratio Lower Upper
75 100
77 75.3 158.4 475.3#



#78
n-propylbenzene
Concen: 1.775 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 91 Resp: 375
Ion Ratio Lower Upper
91 100
120 0.0 10.9 32.9#

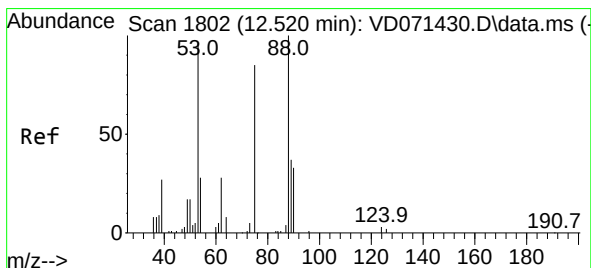
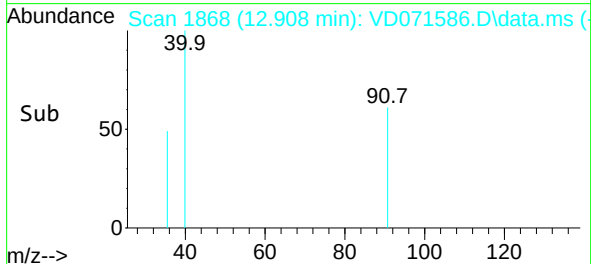
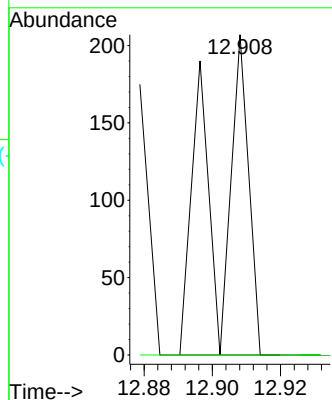
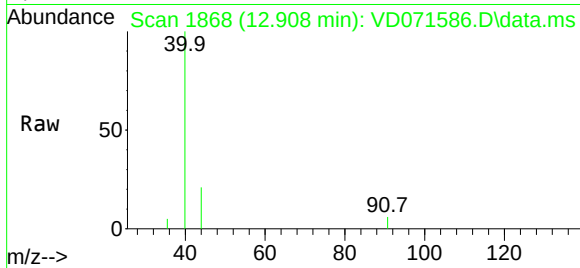




#79
2-Chlorotoluene
Concen: 1.186 ug/l
RT: 12.908 min Scan# 1866
Delta R.T. 0.012 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

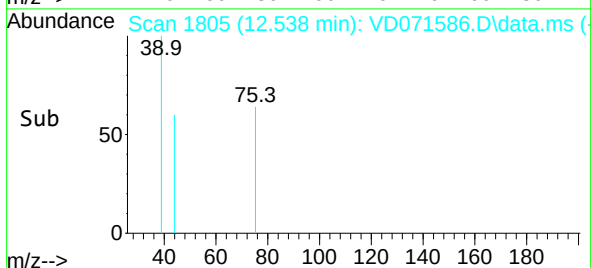
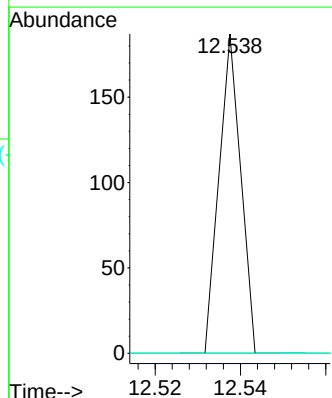
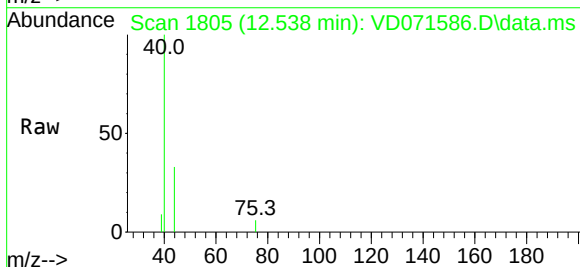
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

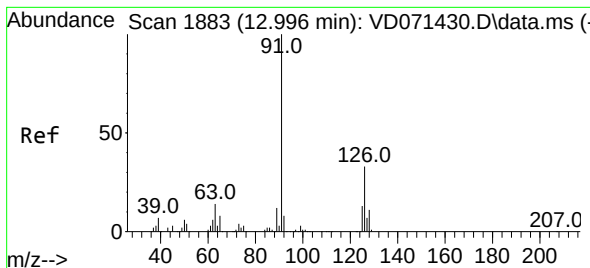
Tgt Ion: 91 Resp: 140
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 7.180 ug/l
RT: 12.538 min Scan# 1805
Delta R.T. 0.018 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

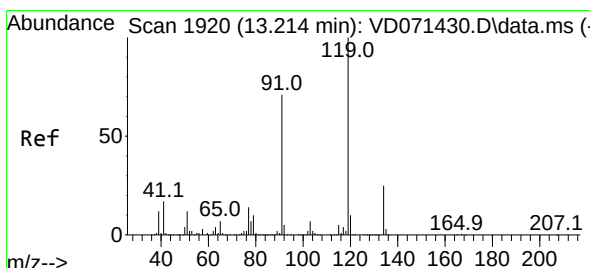
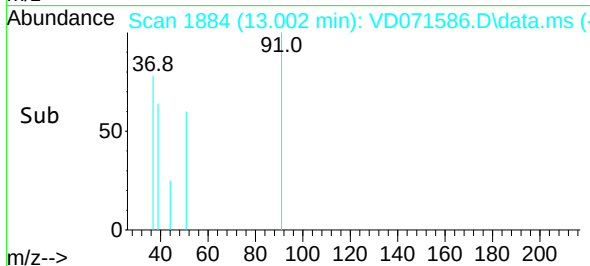
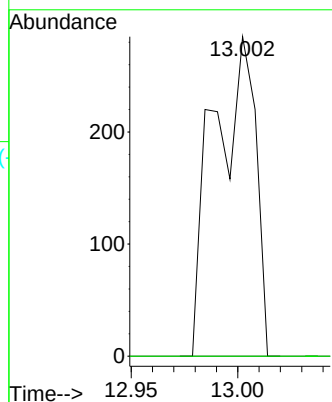
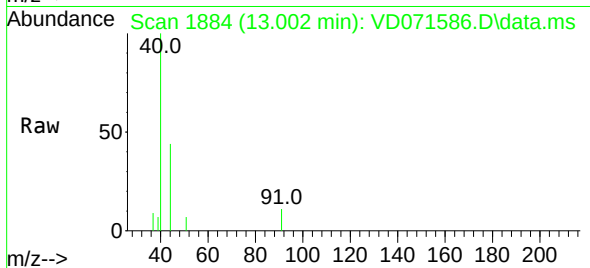




#82
4-Chlorotoluene
Concen: 3.177 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

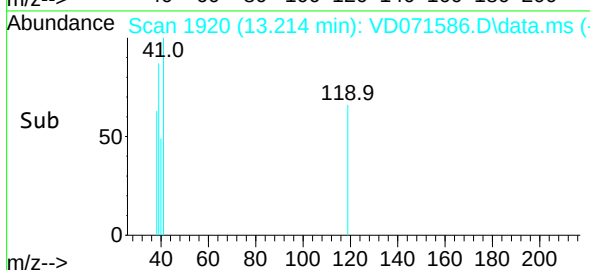
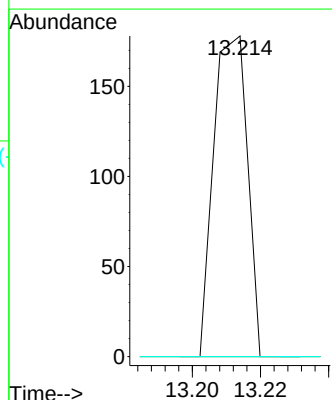
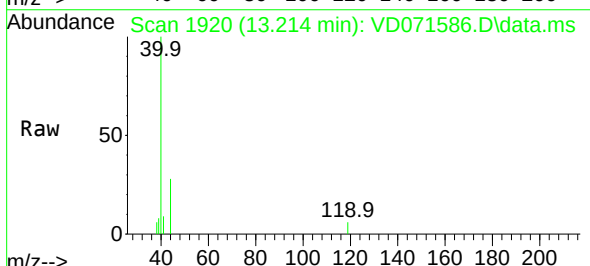
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

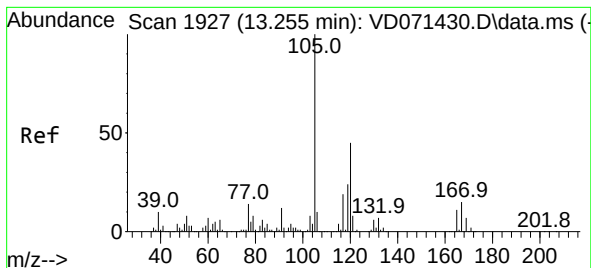
Tgt Ion: 91 Resp: 389
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#83
tert-Butylbenzene
Concen: 1.027 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 119 Resp: 122
Ion Ratio Lower Upper
119 100
91 0.0 32.5 97.5#
134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 3.431 ug/l

RT: 13.261 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

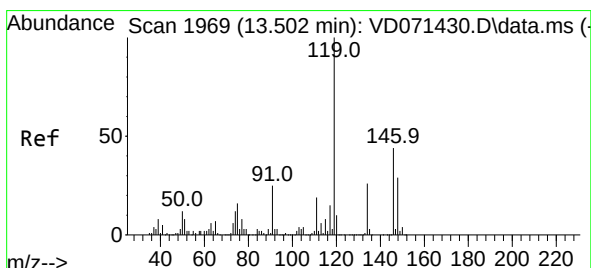
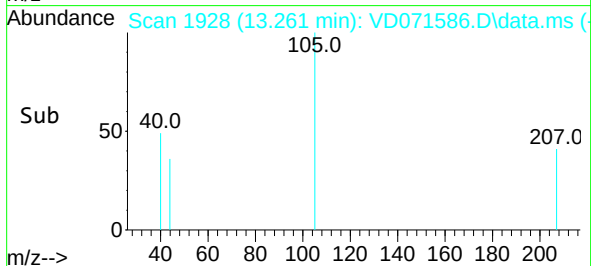
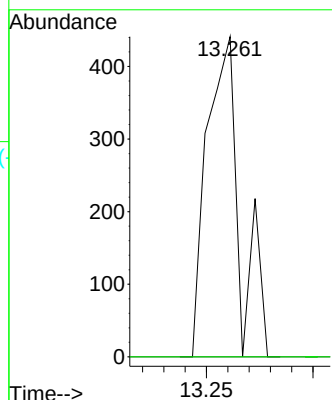
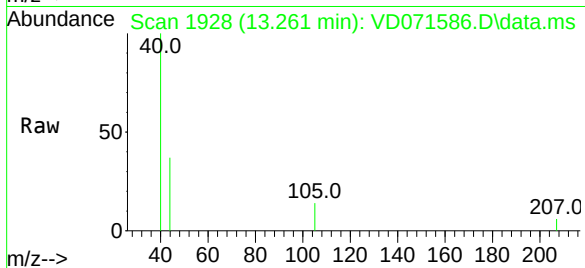
SA-1-122921RE

Tgt Ion:105 Resp: 472

Ion Ratio Lower Upper

105 100

120 0.0 22.9 68.7#



#86

p-Isopropyltoluene

Concen: 2.616 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

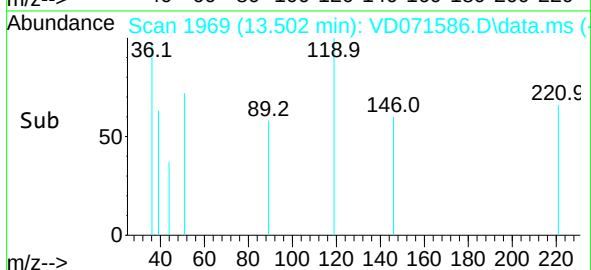
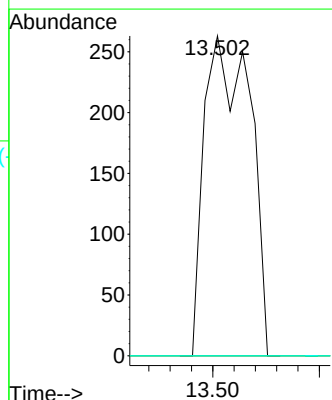
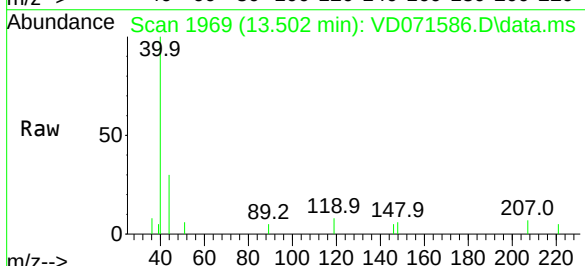
Tgt Ion:119 Resp: 393

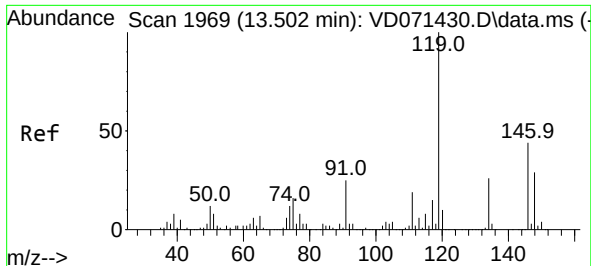
Ion Ratio Lower Upper

119 100

134 0.0 13.0 38.9#

91 0.0 11.4 34.2#





#87

1,3-Dichlorobenzene

Concen: 3.879 ug/l

RT: 13.514 min Scan# 1969

Delta R.T. 0.012 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

Instrument :

MSVOA_D

ClientSampleId :

SA-1-122921RE

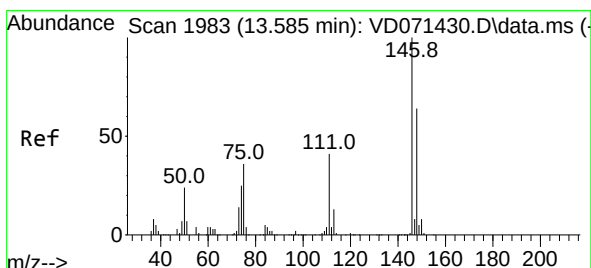
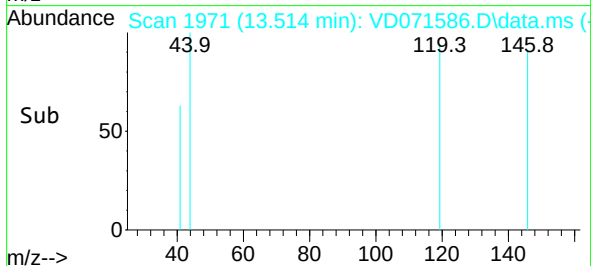
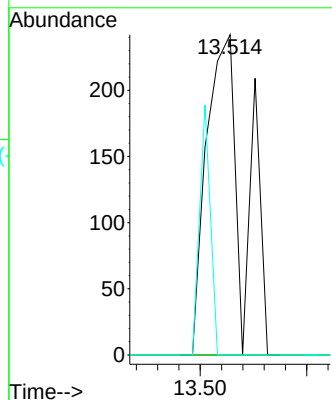
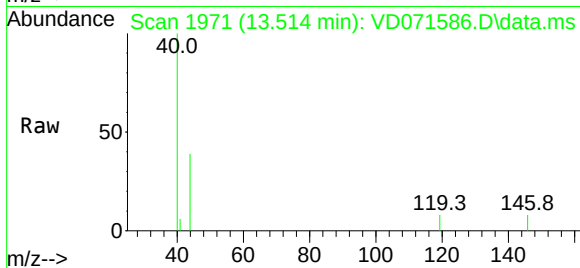
Tgt Ion:146 Resp: 293

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.4#

148 22.9 32.1 96.3#



#88

1,4-Dichlorobenzene

Concen: 1.026 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VD071586.D

Acq: 04 Jan 2022 12:02

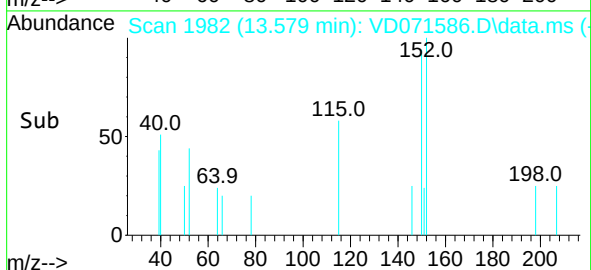
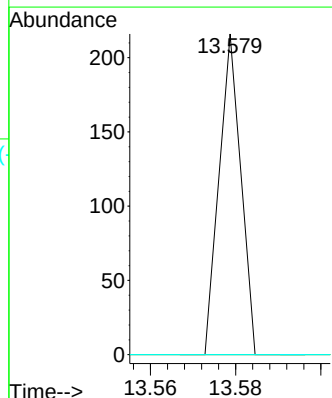
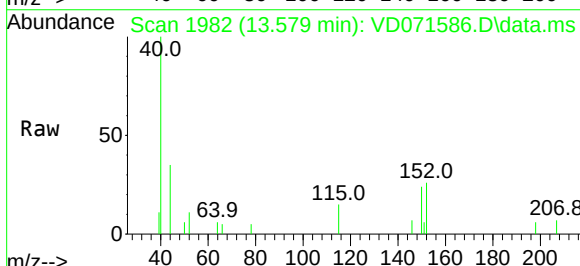
Tgt Ion:146 Resp: 76

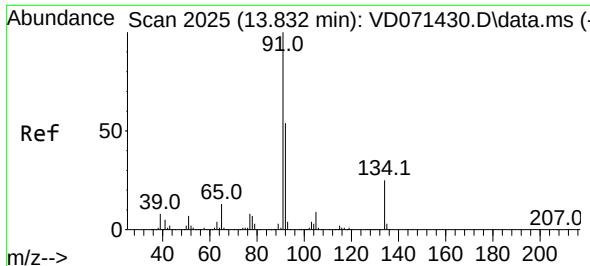
Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.8#

148 0.0 31.5 94.5#

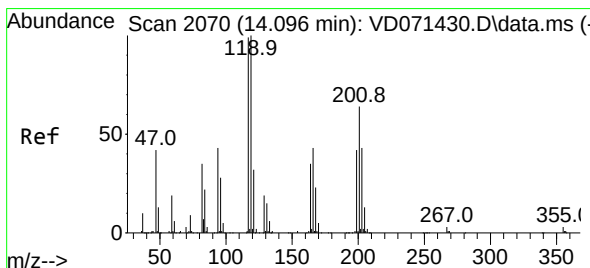
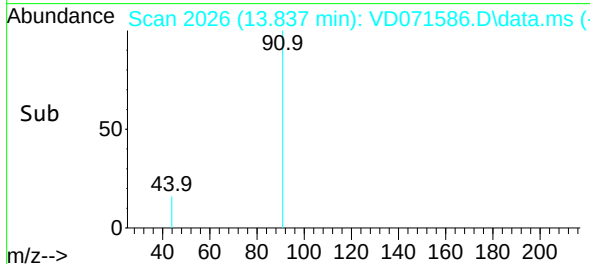
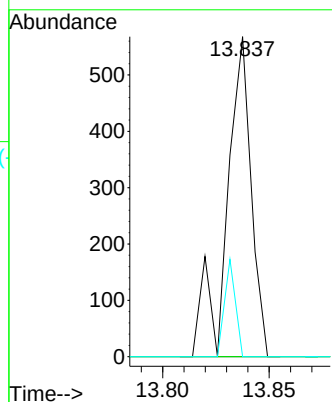
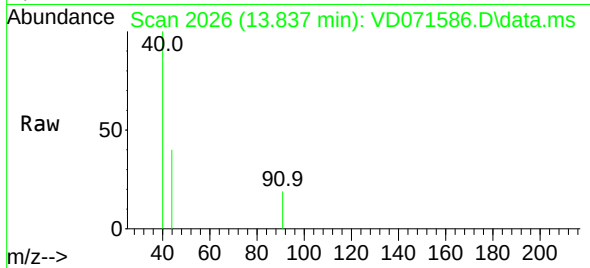




#89
n-Butylbenzene
Concen: 3.085 ug/l
RT: 13.837 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

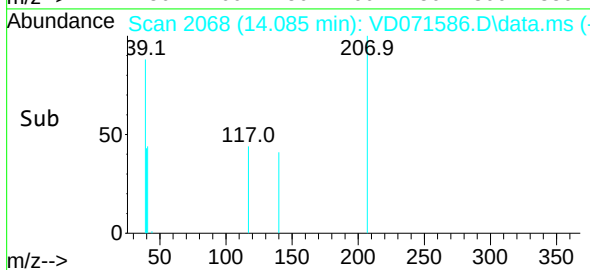
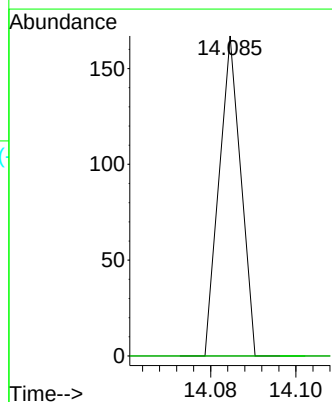
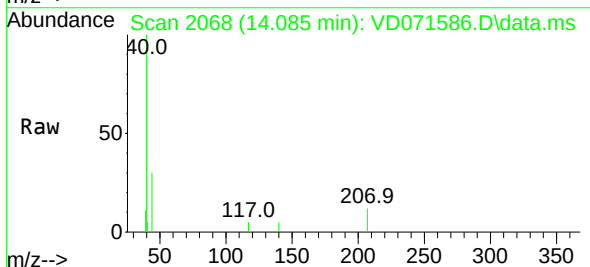
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

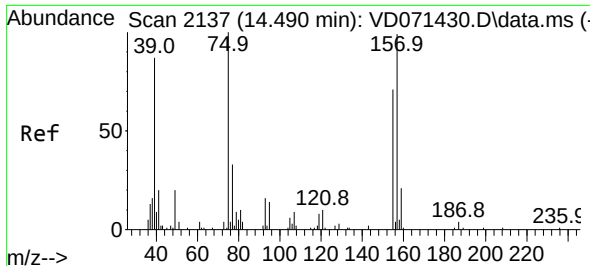
Tgt Ion: 91 Resp: 455
Ion Ratio Lower Upper
91 100
92 0.0 27.3 81.9#
134 13.4 12.3 36.9



#90
Hexachloroethane
Concen: 2.073 ug/l
RT: 14.085 min Scan# 2068
Delta R.T. -0.011 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion: 117 Resp: 59
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#

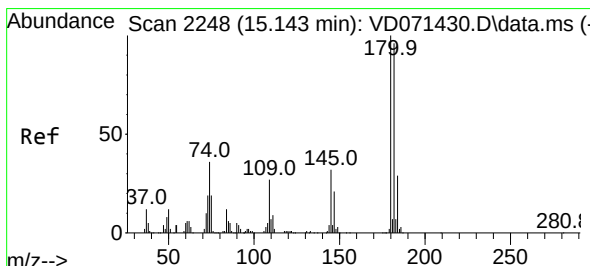
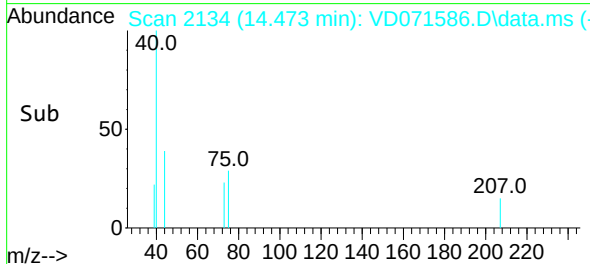
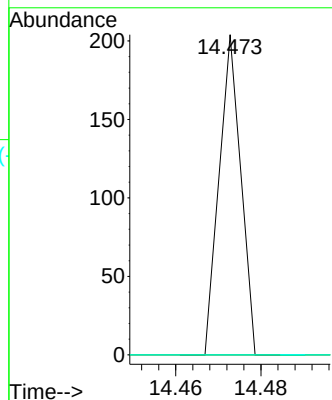
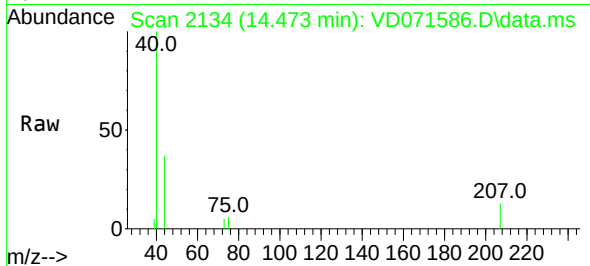




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.626 ug/l
 RT: 14.473 min Scan# 2134
 Delta R.T. -0.017 min
 Lab File: VD071586.D
 Acq: 04 Jan 2022 12:02

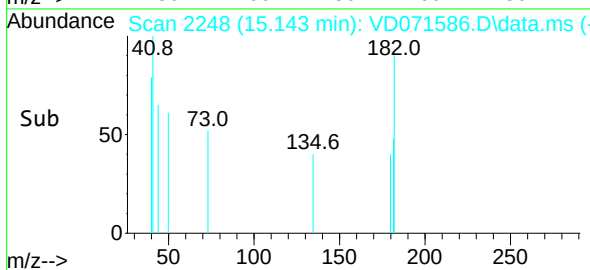
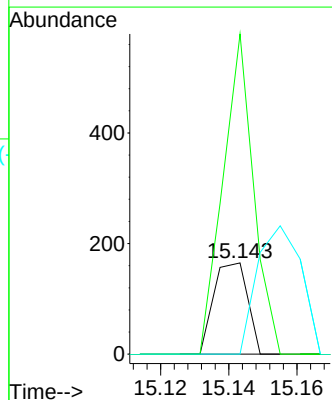
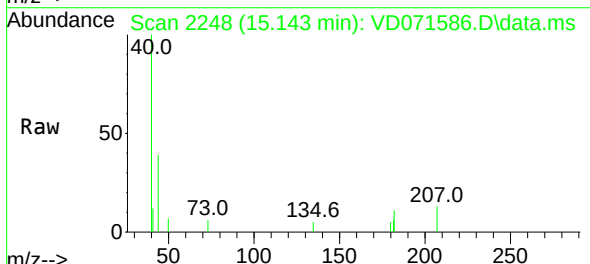
Instrument :
 MSVOA_D
 ClientSampleId :
 SA-1-122921RE

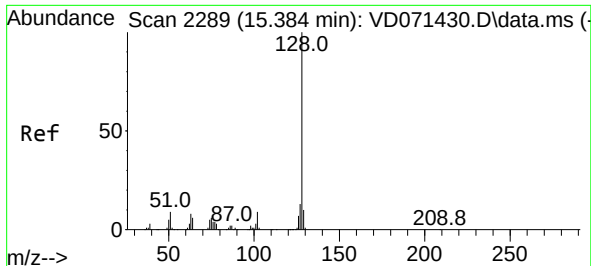
Tgt Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.0 120.0#
 157 0.0 49.8 149.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.919 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD071586.D
 Acq: 04 Jan 2022 12:02

Tgt Ion: 180 Resp: 114
 Ion Ratio Lower Upper
 180 100
 182 316.7 48.2 144.6#
 145 182.5 15.4 46.2#

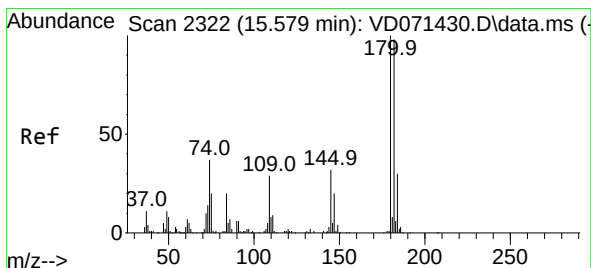
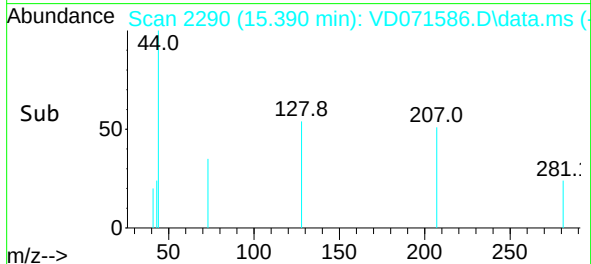
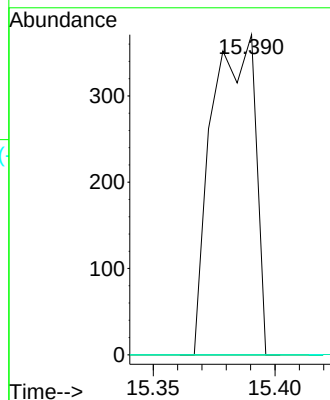
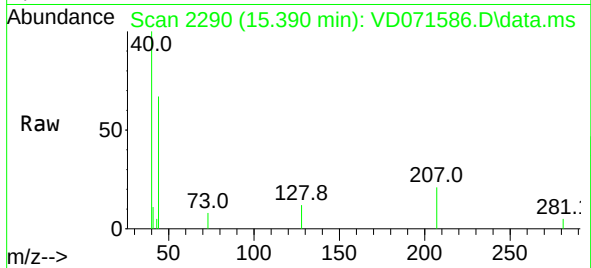




#95
Naphthalene
Concen: 6.174 ug/l
RT: 15.390 min Scan# 211
Delta R.T. 0.011 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921RE

Tgt Ion:128 Resp: 459
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 7.725 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.011 min
Lab File: VD071586.D
Acq: 04 Jan 2022 12:02

Tgt Ion:180 Resp: 261
Ion Ratio Lower Upper
180 100
182 0.0 46.7 140.1#
145 0.0 15.9 47.6#

