

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075163.D
 Acq On : 20 Jan 2023 19:45
 Operator : KP/SY
 Sample : 01233-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38C

Quant Time: Jan 23 00:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	10025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	20848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	19862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	22235	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7635	74.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.280%	
35) Dibromofluoromethane	7.810	113	6377	50.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.240%	
50) Toluene-d8	10.269	98	56918	114.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 229.500%#	
62) 4-Bromofluorobenzene	12.569	95	39705	252.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 504.440%#	

Target Compounds						Qvalue
6) Chloroethane	2.846	64	348	3.612	ug/l	# 43
13) Acrolein	4.005	56	217	9.342	ug/l	# 17
14) Allyl chloride	4.663	41	2323	12.470	ug/l	# 23
15) Acrylonitrile	5.334	53	1892	78.624	ug/l	# 28
16) Acetone	4.028	43	4300	159.374	ug/l	# 85
18) Methyl Acetate	4.646	43	1992	27.162	ug/l	# 52
20) Methylene Chloride	4.816	84	879	Below Cal	#	72
23) Vinyl Acetate	6.199	43	899	5.883	ug/l	# 70
25) 2-Butanone	7.075	43	3380	103.652	ug/l	# 50
28) Bromochloromethane	7.622	49	366	6.152	ug/l	# 11
29) Tetrahydrofuran	7.457	42	132	7.097	ug/l	# 34
30) Chloroform	7.622	83	1333	6.135	ug/l	# 31
31) Cyclohexane	7.881	56	178952	872.236	ug/l	# 88
36) 1,1-Dichloropropene	7.875	75	1049	5.183	ug/l	# 1
37) Ethyl Acetate	7.075	43	3380	41.449	ug/l	# 67
38) Carbon Tetrachloride	7.887	117	997	5.850	ug/l	# 14
39) Methylcyclohexane	9.275	83	585194	2346.050	ug/l	# 99
40) Benzene	8.263	78	2100	3.638	ug/l	# 93
41) Methacrylonitrile	7.440	41	2629	53.579	ug/l	# 46
42) 1,2-Dichloroethane	8.381	62	379	2.500	ug/l	# 1
43) Isopropyl Acetate	8.363	43	20537	129.417	ug/l	# 50
45) 1,2-Dichloropropane	9.281	63	6924	48.696	ug/l	# 1
46) Dibromomethane	9.357	93	299	3.987	ug/l	# 1
47) Bromodichloromethane	9.563	83	15070	81.004	ug/l	# 27
48) Methyl methacrylate	9.334	41	20101	259.037	ug/l	# 34
51) 4-Methyl-2-Pentanone	10.269	43	24426	320.535	ug/l	# 39
52) Toluene	10.334	92	12107	33.190	ug/l	# 96
53) t-1,3-Dichloropropene	10.628	75	278	1.579	ug/l	# 1
55) 1,1,2-Trichloroethane	10.710	97	114550	1154.290	ug/l	# 19
56) Ethyl methacrylate	10.616	69	39095	327.583	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.857	63	2125	52.036	ug/l	# 47
59) 2-Hexanone	10.893	43	210453	3819.488	ug/l	# 29
60) Dibromochloromethane	10.998	129	284	2.374	ug/l	# 11
61) 1,2-Dibromoethane	11.169	107	1116	11.770	ug/l	# 1
65) Chlorobenzene	11.510	112	2222	5.460	ug/l	# 44
67) Ethyl Benzene	11.687	91	1109260	1514.131	ug/l	# 99

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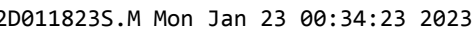
Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38C

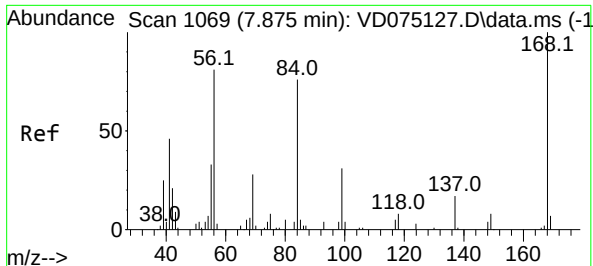
Quant Time: Jan 23 00:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	11.798	106	1390323	4912.677	ug/l	94
69) o-Xylene	12.122	106	196138	738.839	ug/l	92
70) Styrene	12.122	104	10648	24.129	ug/l #	1
73) Isopropylbenzene	12.422	105	301054	171.411	ug/l	96
74) N-amyl acetate	12.216	43	291808	758.468	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.622	83	7859	28.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.769	75	4765	25.303	ug/l #	100
78) n-propylbenzene	12.769	91	653110	302.614	ug/l	98
79) 2-Chlorotoluene	12.834	91	251410	211.802	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.904	105	1263226	877.882	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	365	4.496	ug/l #	1
82) 4-Chlorotoluene	12.904	91	152852	125.246	ug/l #	45
83) tert-Butylbenzene	13.216	119	443556	356.254	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.216	105	3698291	2617.043	ug/l	97
85) sec-Butylbenzene	13.351	105	126268	66.760	ug/l #	65
86) p-Isopropyltoluene	13.463	119	210838	136.159	ug/l	94
89) n-Butylbenzene	13.792	91	224234	148.607	ug/l #	69
90) Hexachloroethane	14.069	117	99861	365.200	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.475	75	3664	85.635	ug/l #	16
95) Naphthalene	15.339	128	1642672	1888.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.498	180	582	1.561	ug/l #	1

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

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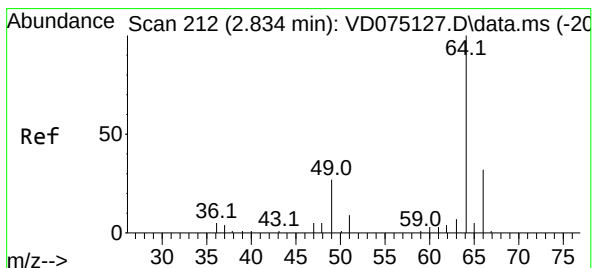
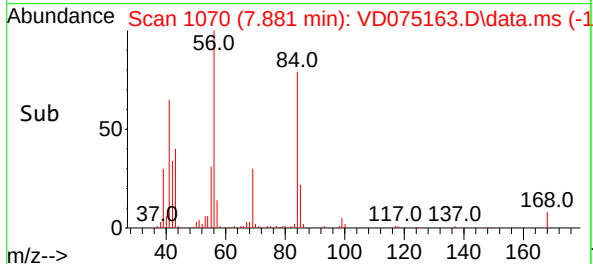
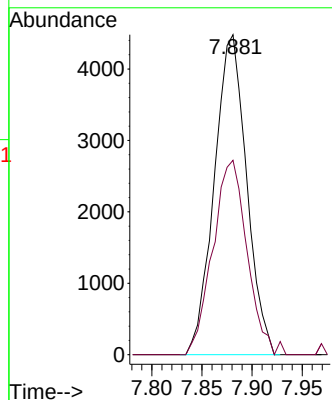
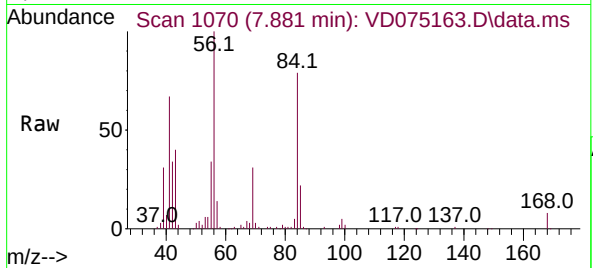




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

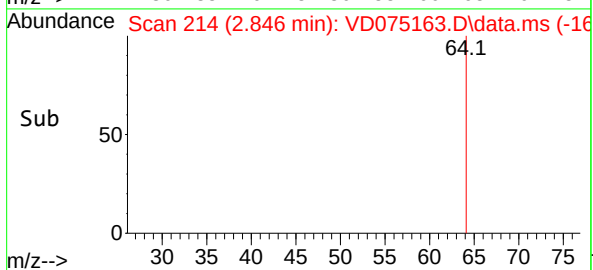
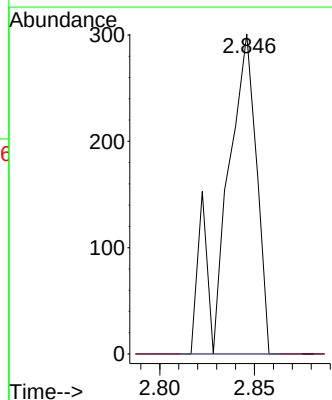
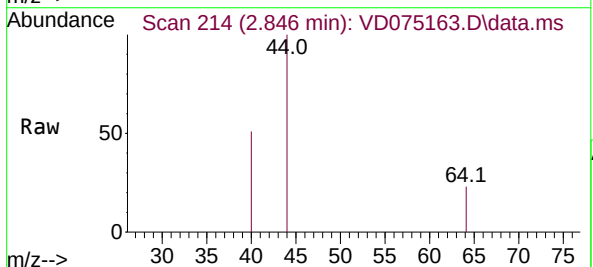
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

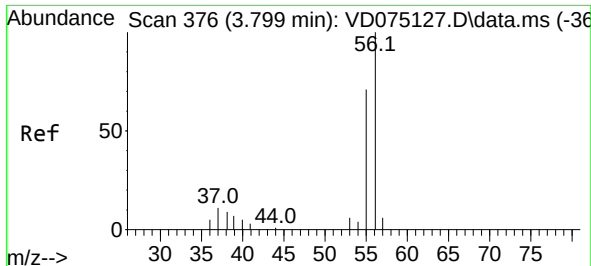
Tgt Ion:168 Resp: 10025
Ion Ratio Lower Upper
168 100
99 60.8 45.2 67.8



#6
Chloroethane
Concen: 3.612 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 64 Resp: 348
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#13

Acrolein

Concen: 9.342 ug/l

RT: 4.005 min Scan# 411

Delta R.T. 0.206 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

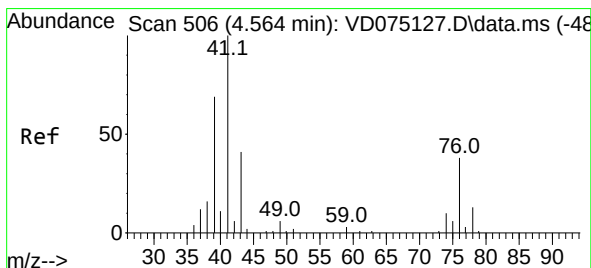
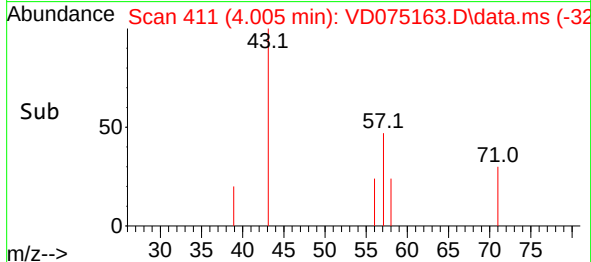
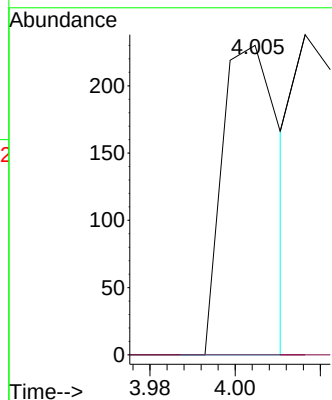
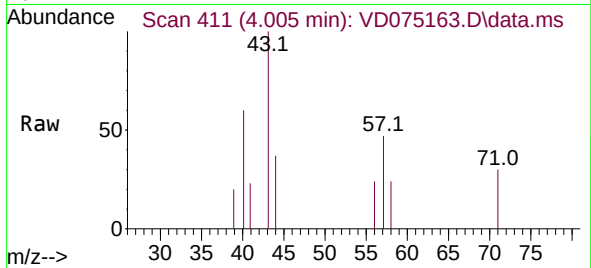
B-P38C

Tgt Ion: 56 Resp: 217

Ion Ratio Lower Upper

56 100

55 0.0 53.0 79.6#



#14

Allyl chloride

Concen: 12.470 ug/l

RT: 4.663 min Scan# 523

Delta R.T. 0.100 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

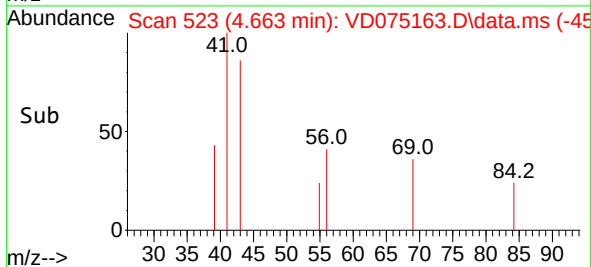
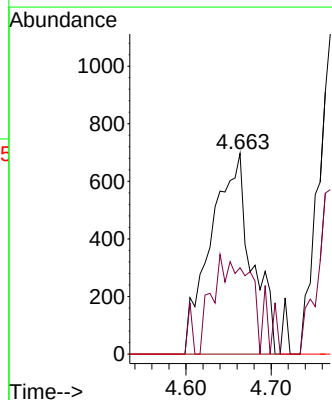
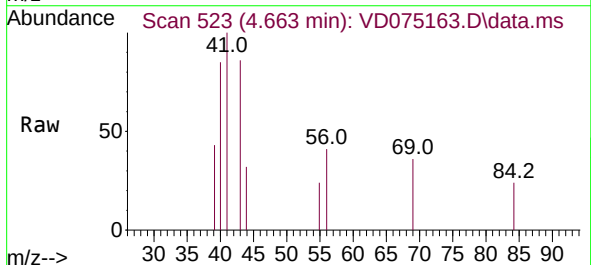
Tgt Ion: 41 Resp: 2323

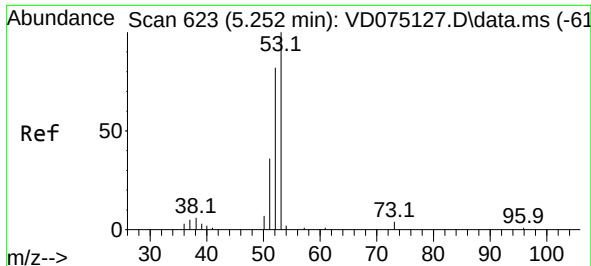
Ion Ratio Lower Upper

41 100

39 0.0 55.4 83.0#

76 0.0 30.2 45.2#

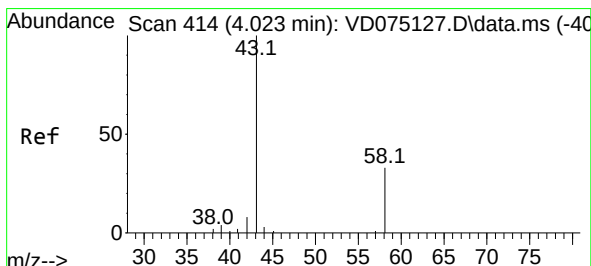
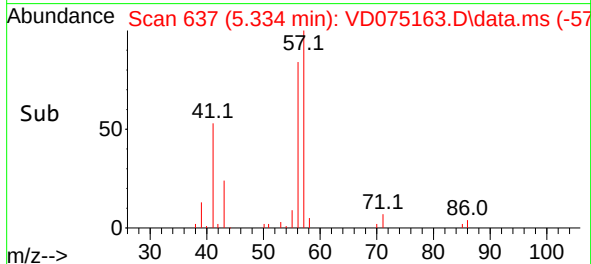
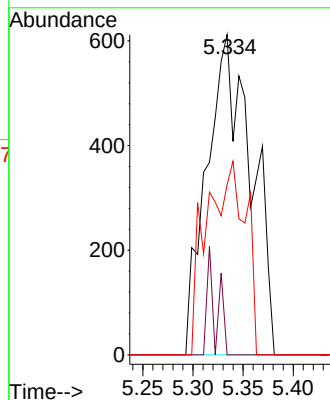
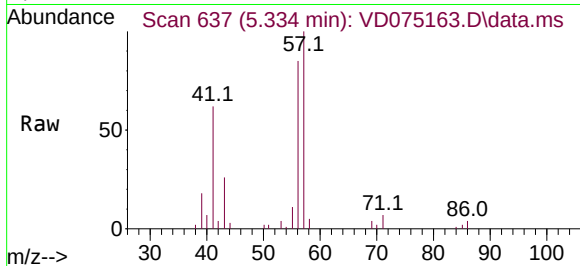




#15
Acrylonitrile
Concen: 78.624 ug/l
RT: 5.334 min Scan# 61
Delta R.T. 0.082 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

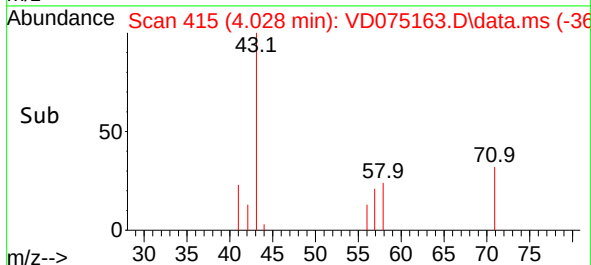
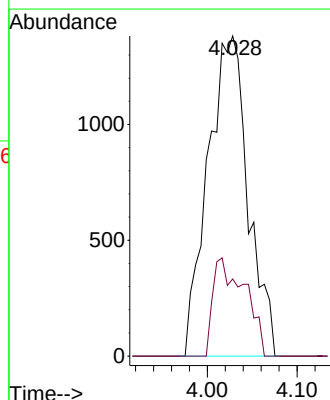
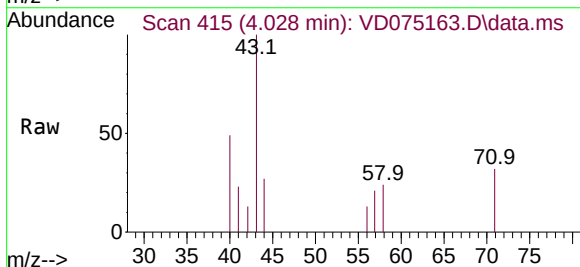
Instrument :
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ClientSampleId :
B-P38C

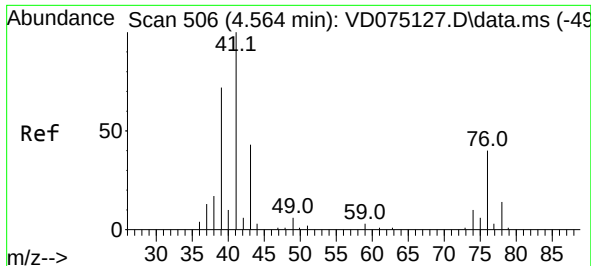
Tgt Ion: 53 Resp: 1892
Ion Ratio Lower Upper
53 100
52 0.0 67.0 100.6#
51 53.5 30.1 45.1#



#16
Acetone
Concen: 159.374 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 43 Resp: 4300
Ion Ratio Lower Upper
43 100
58 24.1 26.0 39.0#

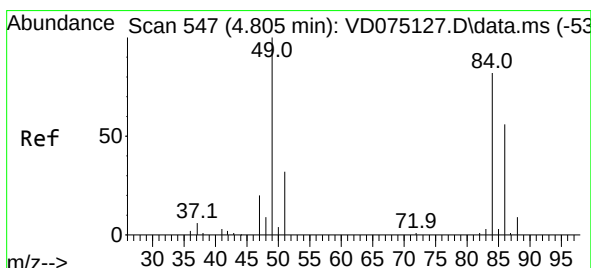
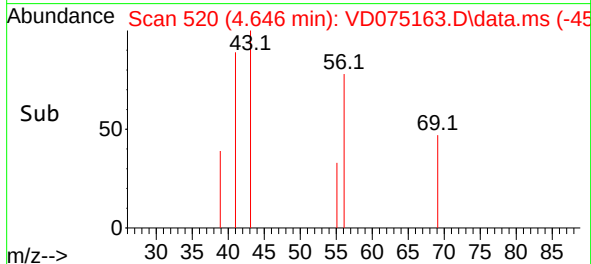
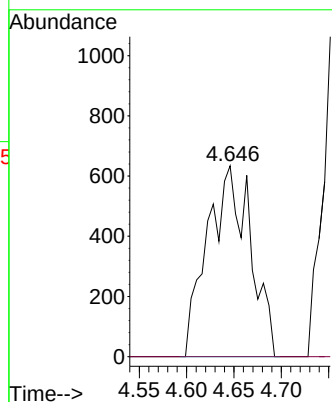
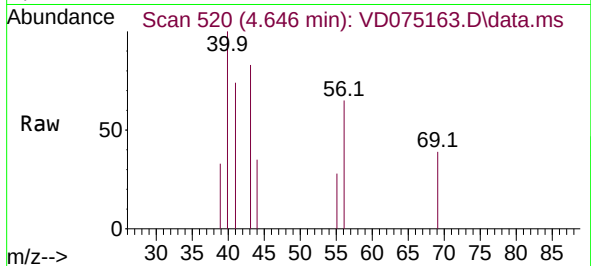




#18
Methyl Acetate
Concen: 27.162 ug/l
RT: 4.646 min Scan# 51
Delta R.T. 0.082 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

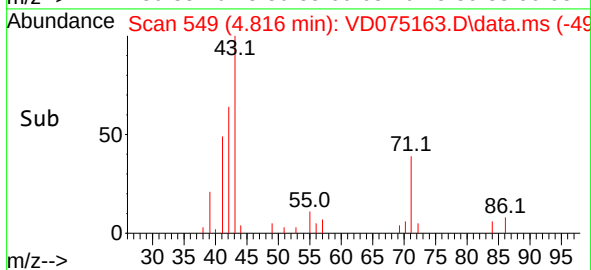
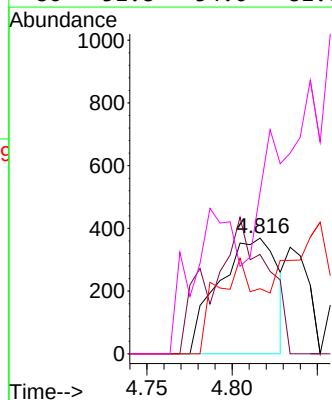
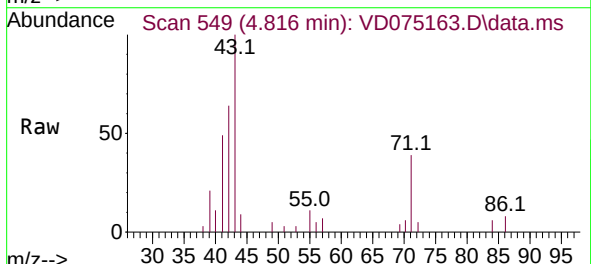
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

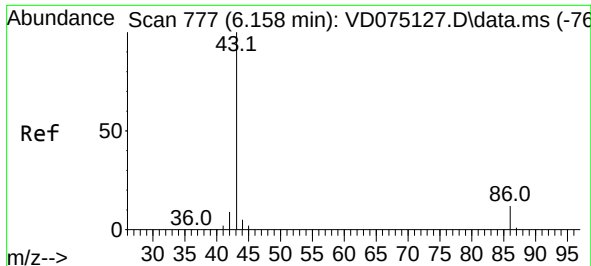
Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.816 min Scan# 549
Delta R.T. 0.011 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 84 Resp: 879
Ion Ratio Lower Upper
84 100
49 85.9 97.0 145.6#
51 56.4 30.9 46.3#
86 51.8 54.0 81.0#

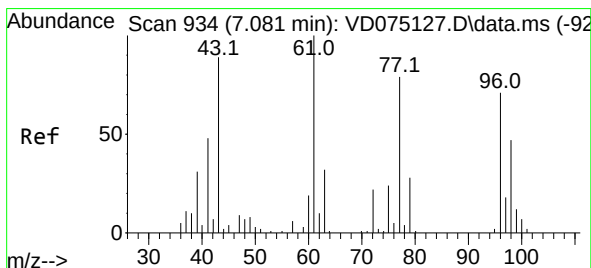
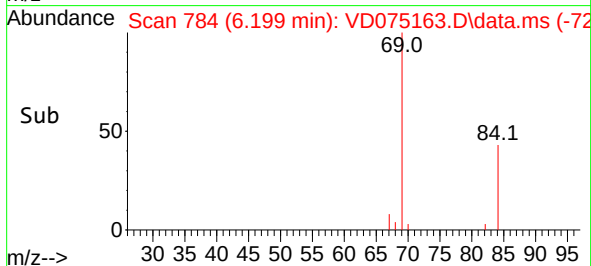
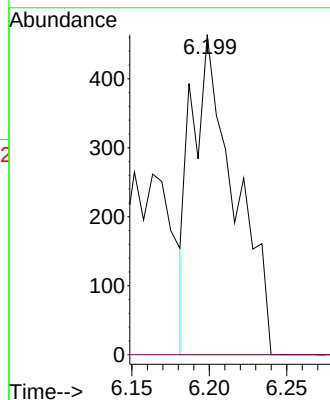
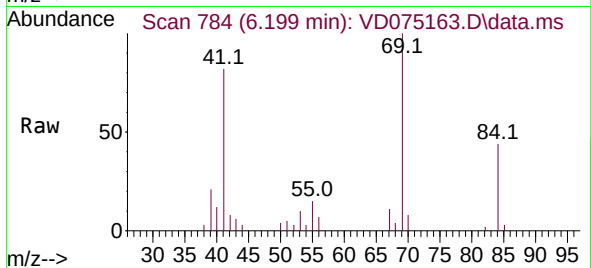




#23
 Vinyl Acetate
 Concen: 5.883 ug/l
 RT: 6.199 min Scan# 71
 Delta R.T. 0.041 min
 Lab File: VD075163.D
 Acq: 20 Jan 2023 19:45

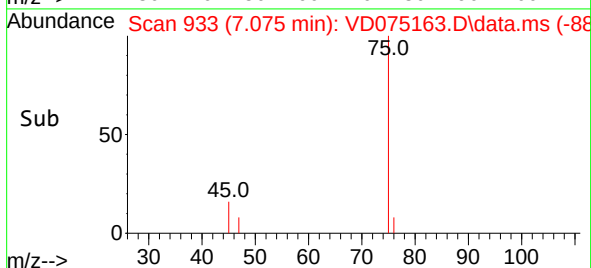
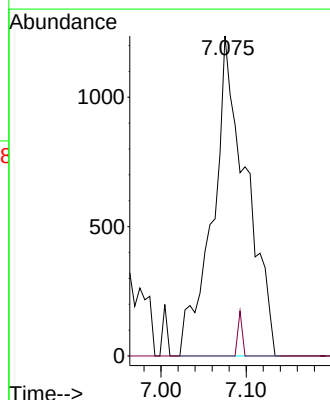
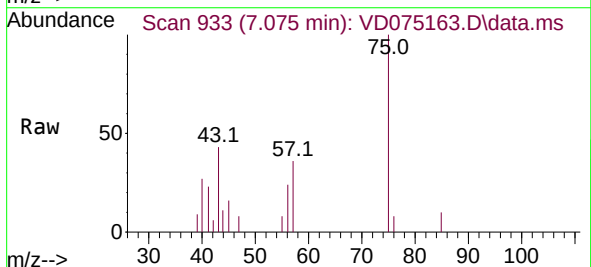
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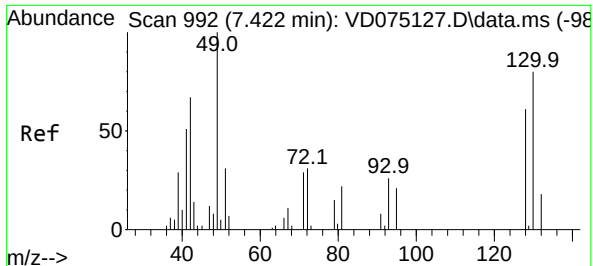
Tgt Ion: 43 Resp: 899
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.3 13.9#



#25
 2-Butanone
 Concen: 103.652 ug/l
 RT: 7.075 min Scan# 933
 Delta R.T. -0.006 min
 Lab File: VD075163.D
 Acq: 20 Jan 2023 19:45

Tgt Ion: 43 Resp: 3380
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.8 29.8#





#28

Bromochloromethane

Concen: 6.152 ug/l

RT: 7.622 min Scan# 1026

Delta R.T. 0.200 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

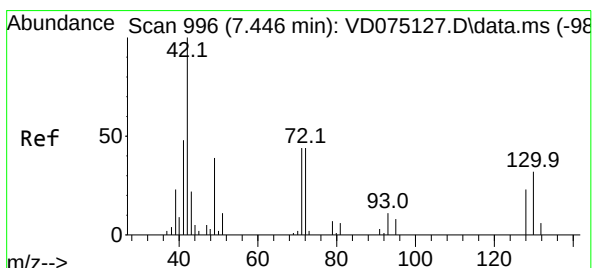
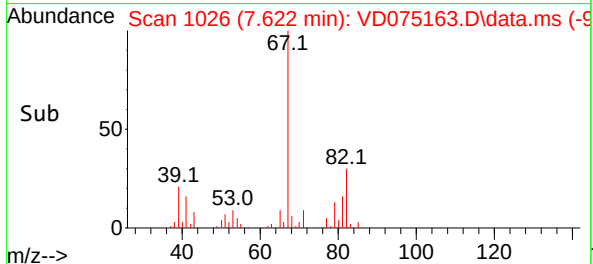
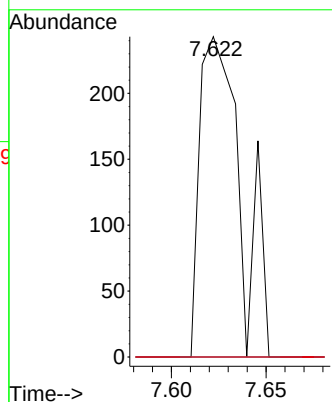
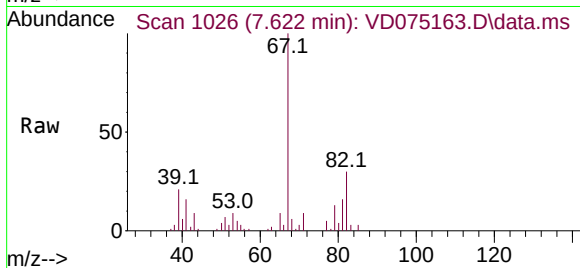
Tgt Ion: 49 Resp: 366

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 0.0 63.6 95.4#



#29

Tetrahydrofuran

Concen: 7.097 ug/l

RT: 7.457 min Scan# 998

Delta R.T. 0.012 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

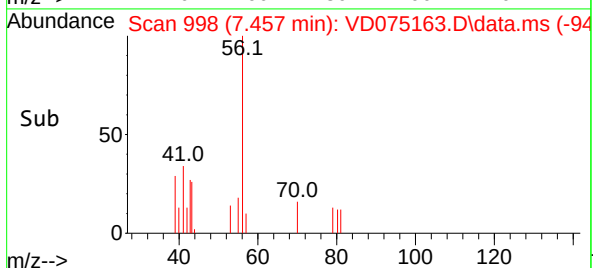
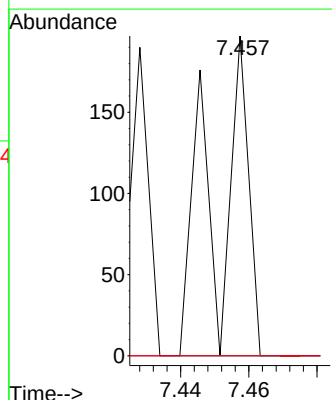
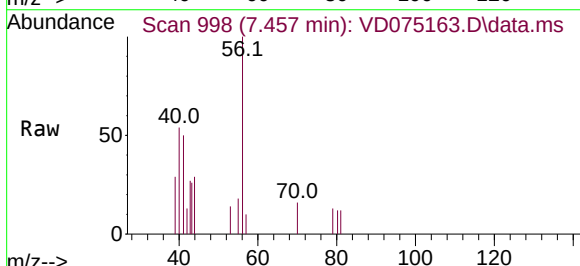
Tgt Ion: 42 Resp: 132

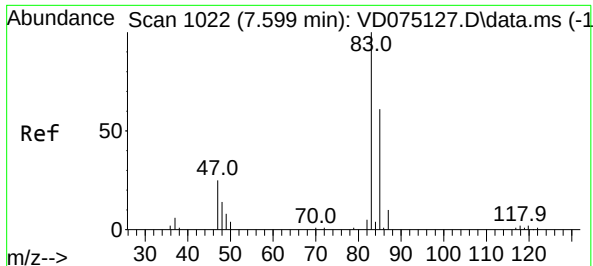
Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.8#

71 0.0 31.6 47.4#





#30

Chloroform

Concen: 6.135 ug/l

RT: 7.622 min Scan# 1026

Delta R.T. 0.023 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

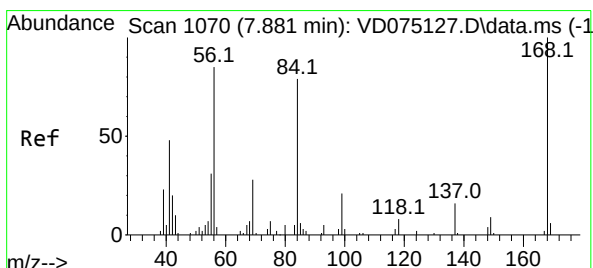
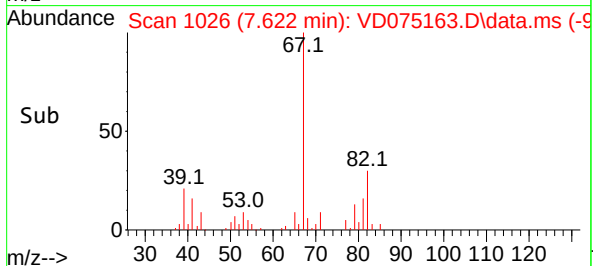
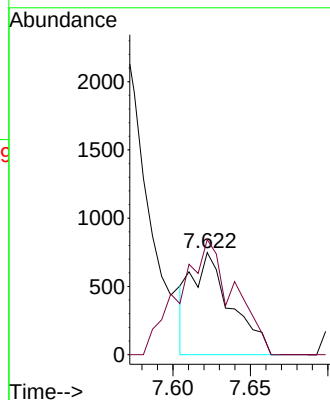
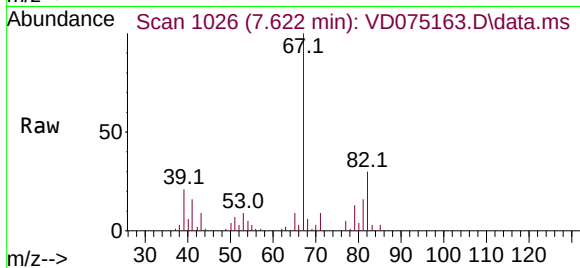
B-P38C

Tgt Ion: 83 Resp: 1333

Ion Ratio Lower Upper

83 100

85 112.7 48.5 72.7#



#31

Cyclohexane

Concen: 872.236 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

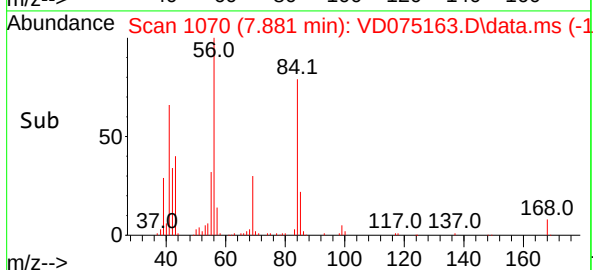
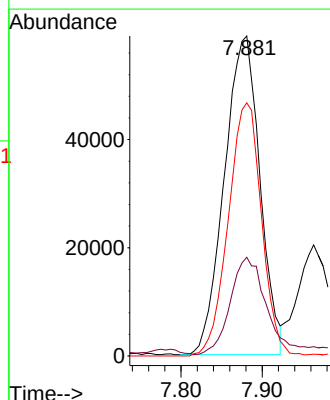
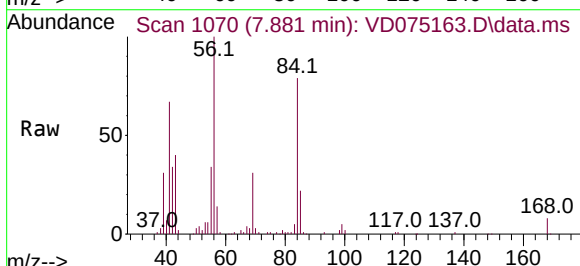
Tgt Ion: 56 Resp: 178952

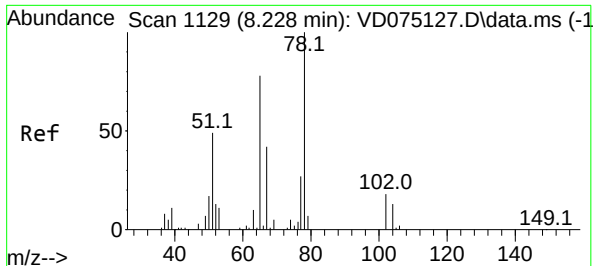
Ion Ratio Lower Upper

56 100

69 29.8 26.6 40.0

84 79.5 74.1 111.1





#33

1,2-Dichloroethane-d4

Concen: 74.635 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

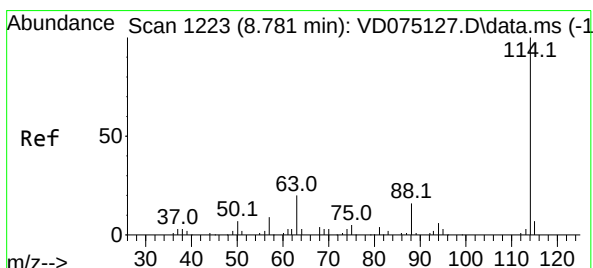
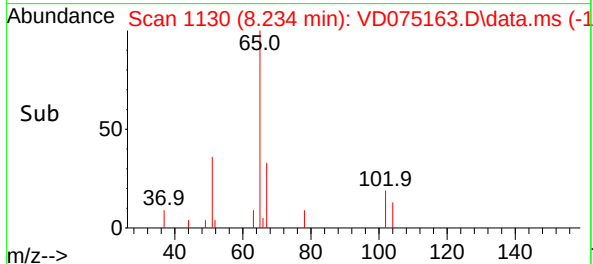
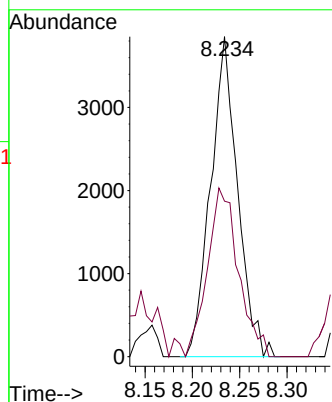
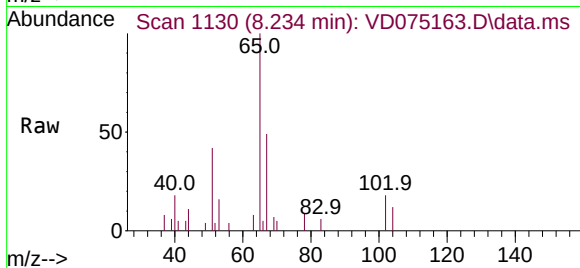
B-P38C

Tgt Ion: 65 Resp: 7635

Ion Ratio Lower Upper

65 100

67 60.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

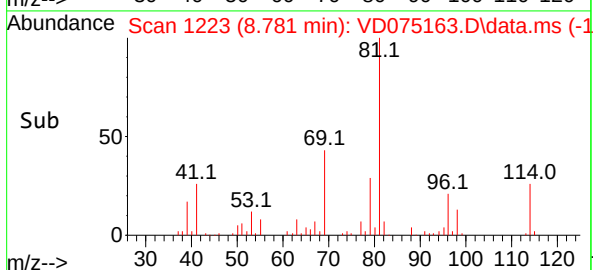
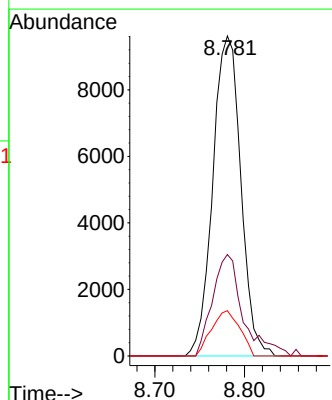
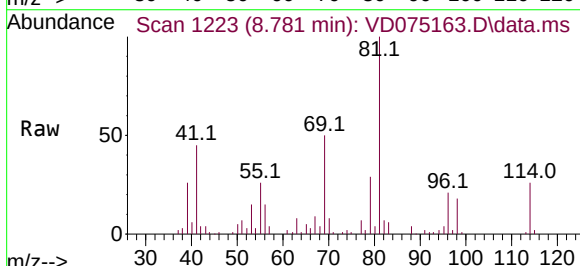
Tgt Ion: 114 Resp: 20848

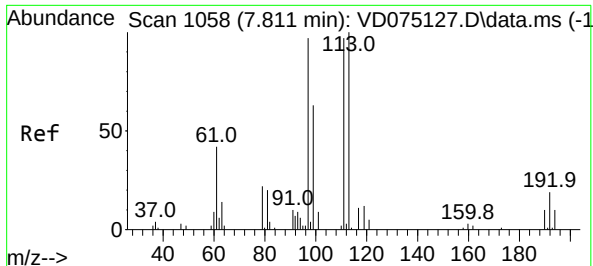
Ion Ratio Lower Upper

114 100

63 31.7 0.0 40.2

88 14.1 0.0 32.2



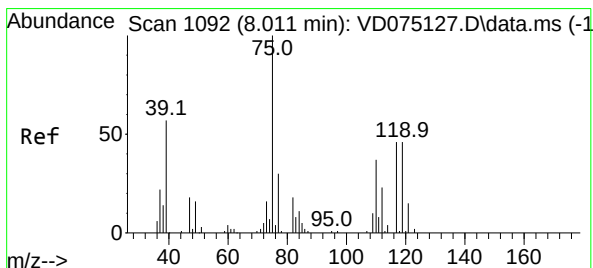
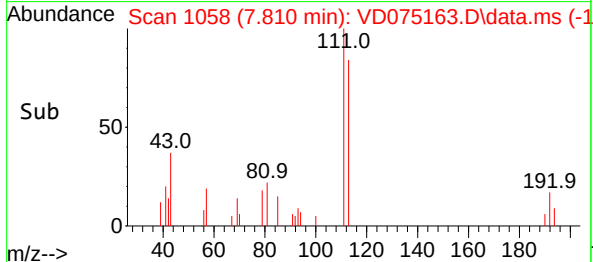
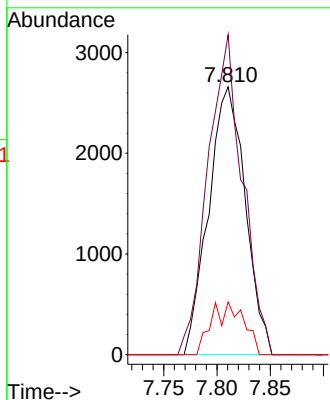
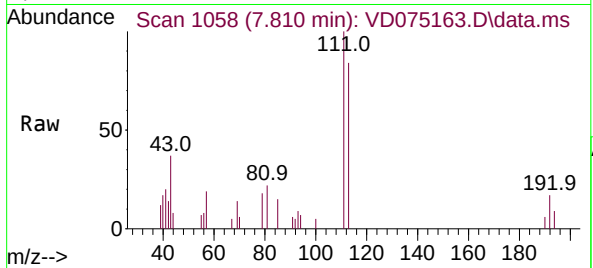


#35
 Dibromofluoromethane
 Concen: 50.620 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VD075163.D
 Acq: 20 Jan 2023 19:45

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38C

Tgt Ion: 113 Resp: 6377

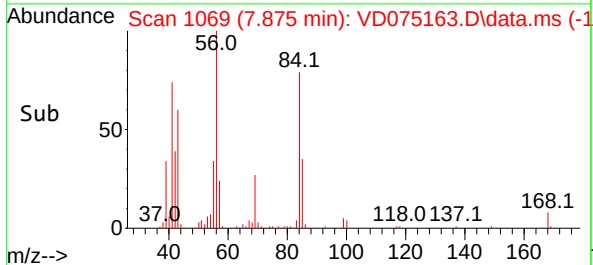
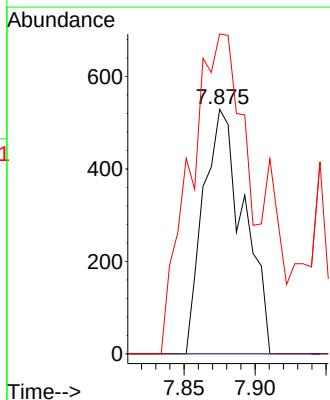
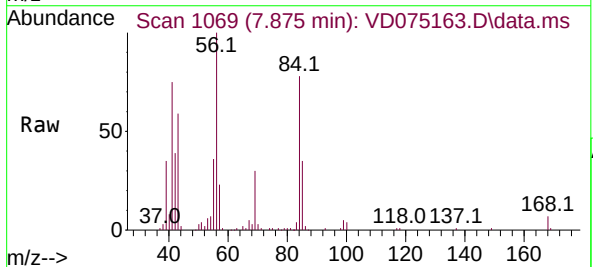
Ion	Ratio	Lower	Upper
113	100		
111	113.1	80.1	120.1
192	17.1	15.4	23.0

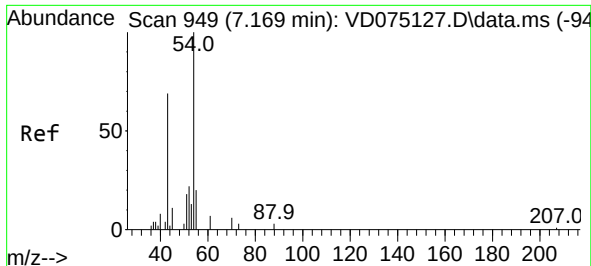


#36
 1,1-Dichloropropene
 Concen: 5.183 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD075163.D
 Acq: 20 Jan 2023 19:45

Tgt Ion: 75 Resp: 1049

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	183.7	25.1	37.7#





#37

Ethyl Acetate

Concen: 41.449 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

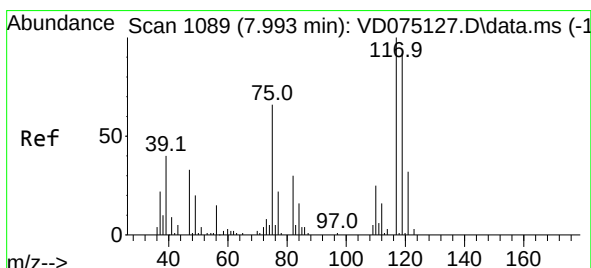
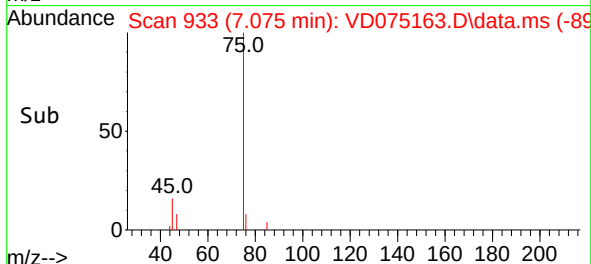
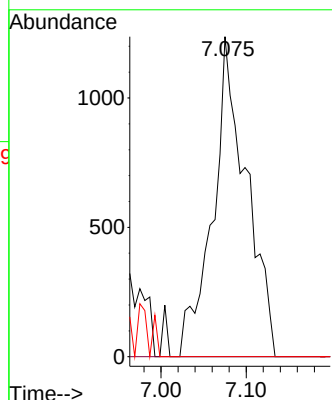
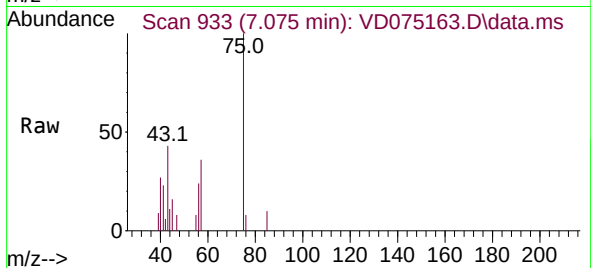
Tgt Ion: 43 Resp: 3380

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.850 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.106 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

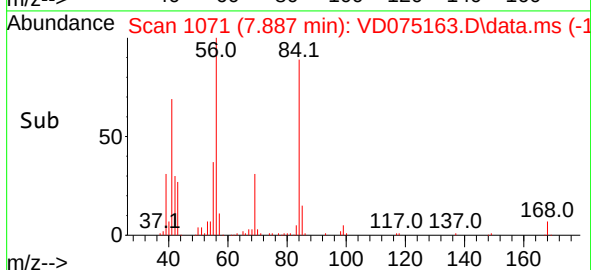
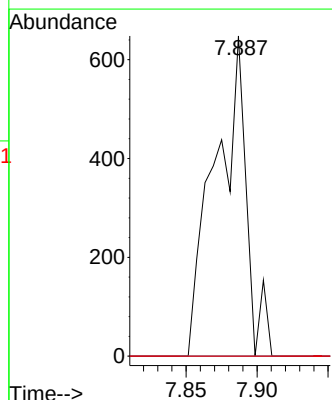
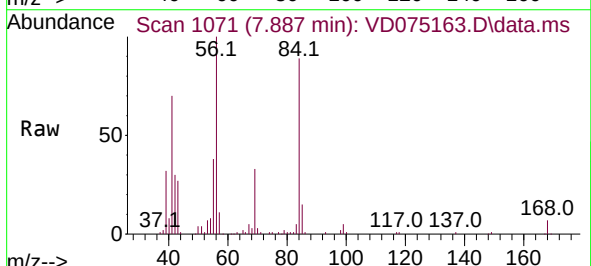
Tgt Ion: 117 Resp: 997

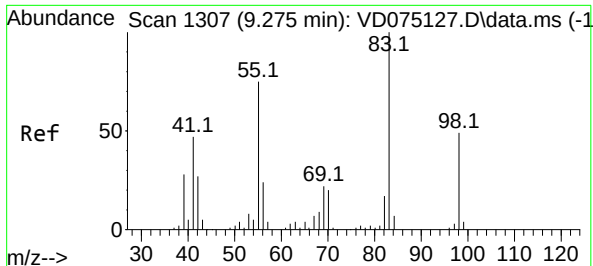
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#





#39

Methylcyclohexane

Concen: 2346.050 ug/l

RT: 9.275 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

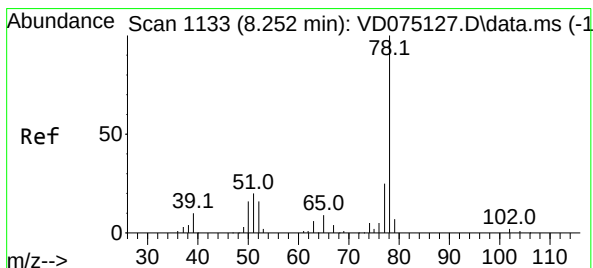
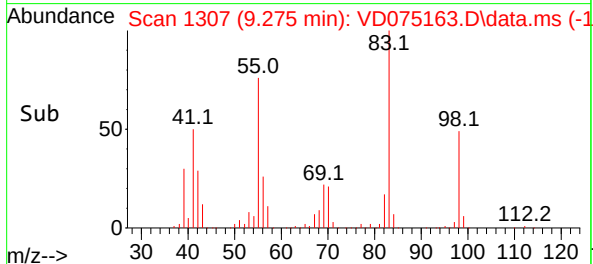
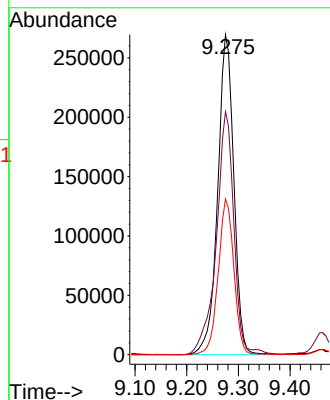
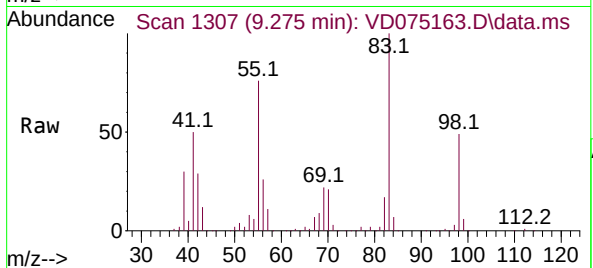
Tgt Ion: 83 Resp: 585194

Ion Ratio Lower Upper

83 100

55 75.9 60.0 90.0

98 48.7 39.0 58.4



#40

Benzene

Concen: 3.638 ug/l

RT: 8.263 min Scan# 1135

Delta R.T. 0.012 min

Lab File: VD075163.D

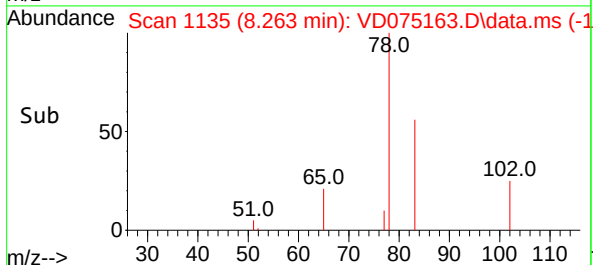
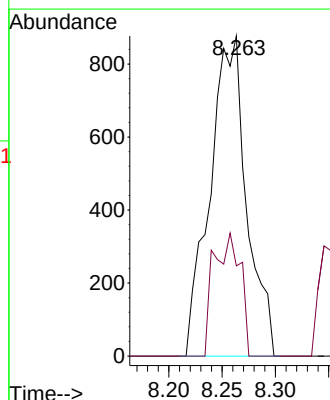
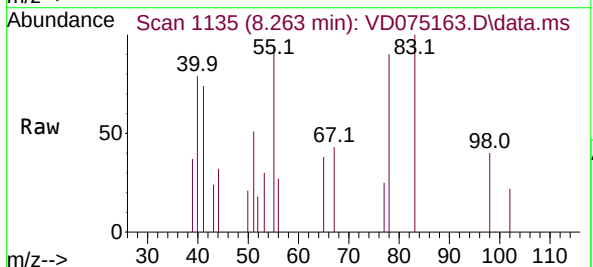
Acq: 20 Jan 2023 19:45

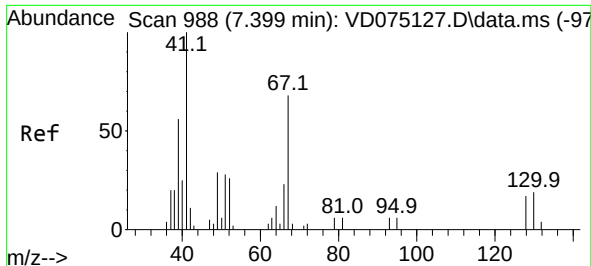
Tgt Ion: 78 Resp: 2100

Ion Ratio Lower Upper

78 100

77 28.2 19.8 29.6

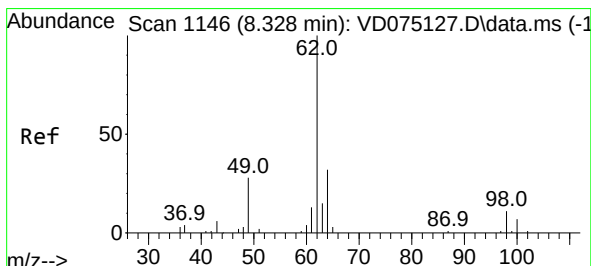
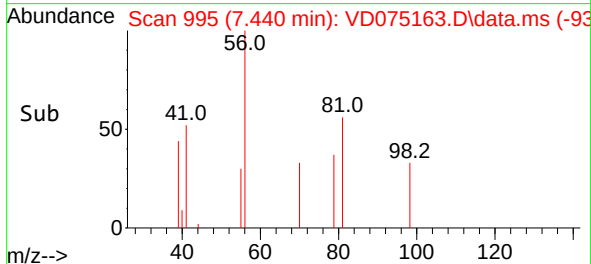
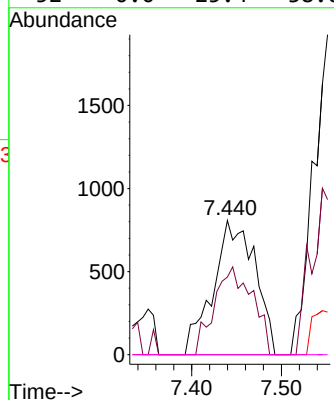
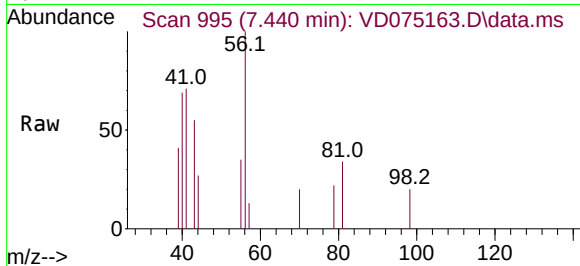




#41
Methacrylonitrile
Concen: 53.579 ug/l
RT: 7.440 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

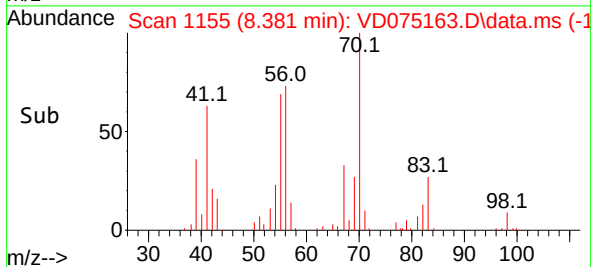
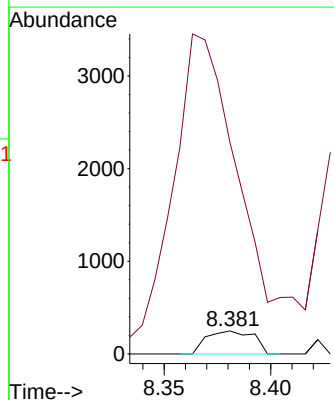
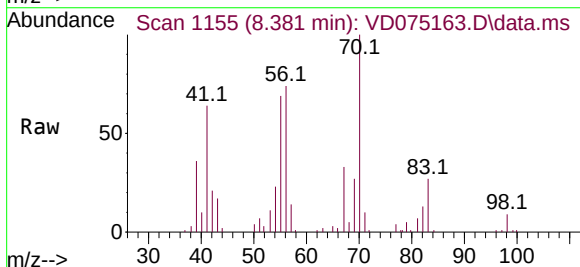
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

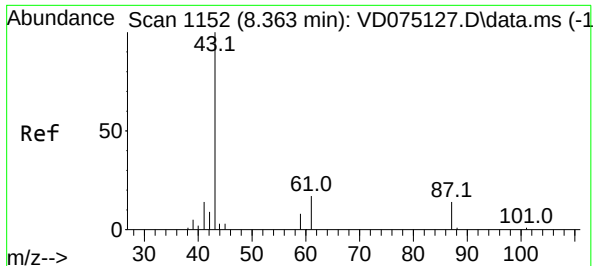
Tgt Ion:	41	Resp:	2629
Ion	Ratio	Lower	Upper
41	100		
39	59.3	57.8	86.6
67	0.0	60.5	90.7#
52	0.0	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 2.500 ug/l
RT: 8.381 min Scan# 1155
Delta R.T. 0.053 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:	62	Resp:	379
Ion	Ratio	Lower	Upper
62	100		
98	1971.5	0.0	19.2#





#43

Isopropyl Acetate

Concen: 129.417 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

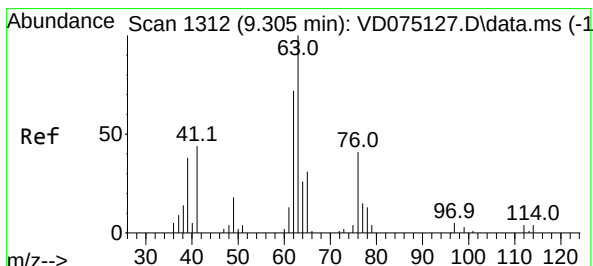
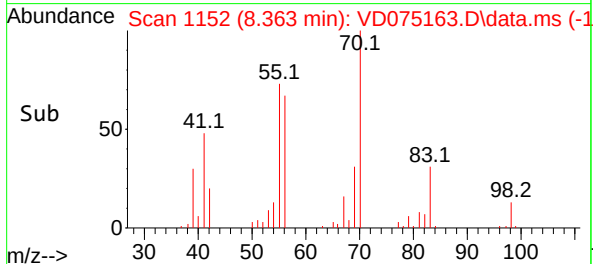
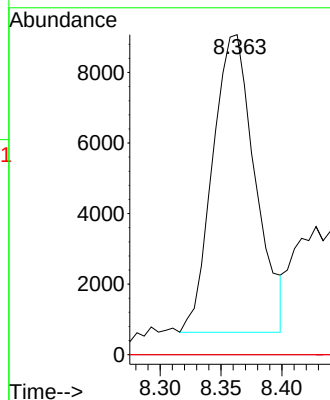
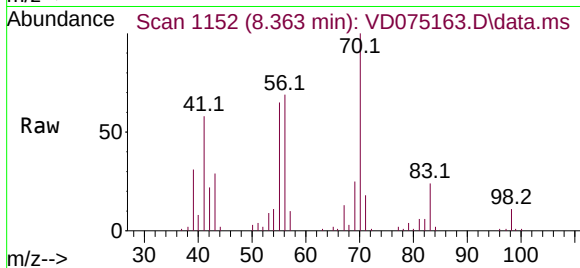
Tgt Ion: 43 Resp: 20537

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 10.6 16.0#



#45

1,2-Dichloropropane

Concen: 48.696 ug/l

RT: 9.281 min Scan# 1308

Delta R.T. -0.024 min

Lab File: VD075163.D

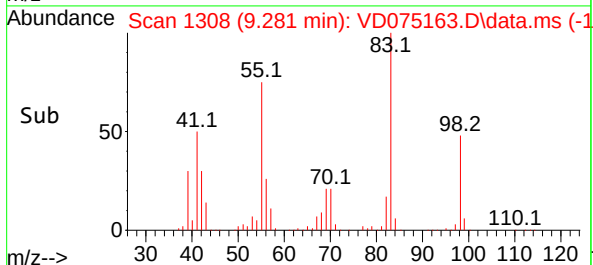
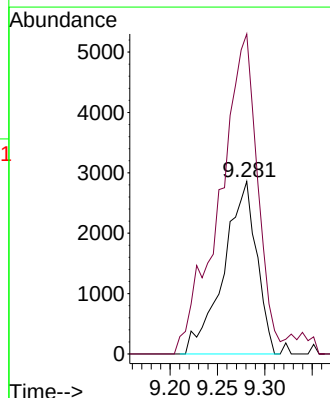
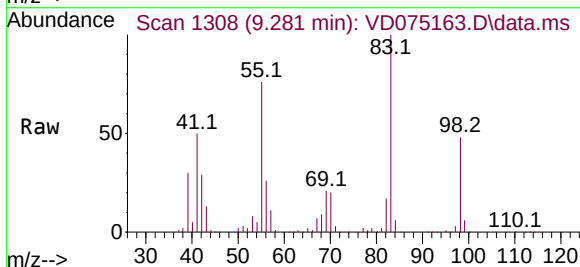
Acq: 20 Jan 2023 19:45

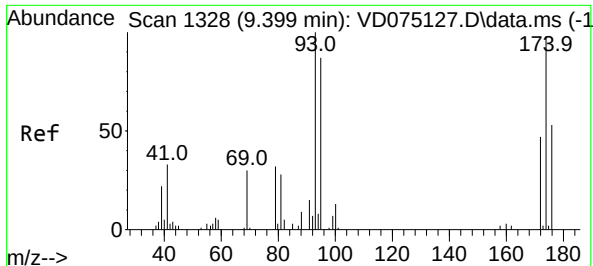
Tgt Ion: 63 Resp: 6924

Ion Ratio Lower Upper

63 100

65 178.5 25.1 37.7#





#46

Dibromomethane

Concen: 3.987 ug/l

RT: 9.357 min Scan# 11

Delta R.T. -0.041 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

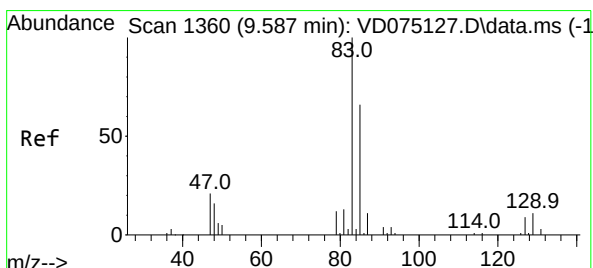
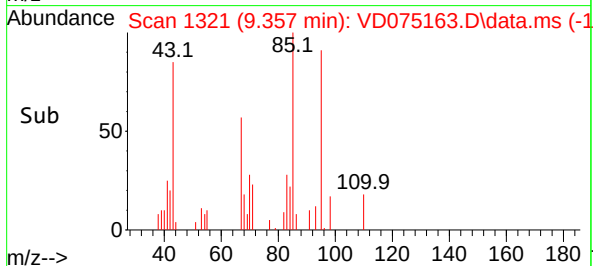
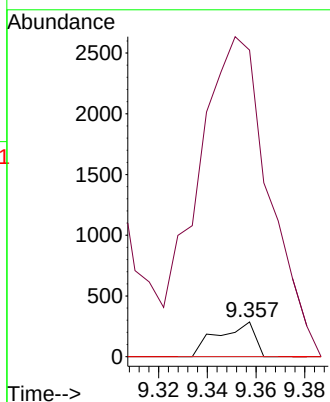
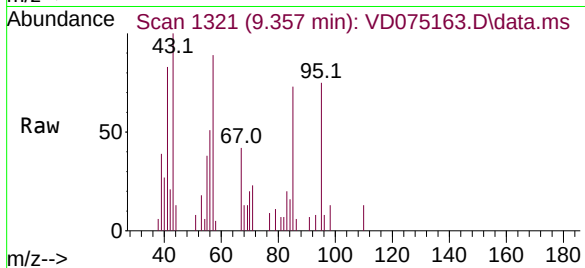
Tgt Ion: 93 Resp: 299

Ion Ratio Lower Upper

93 100

95 1775.9 68.3 102.5#

174 0.0 77.4 116.0#



#47

Bromodichloromethane

Concen: 81.004 ug/l

RT: 9.563 min Scan# 1356

Delta R.T. -0.024 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

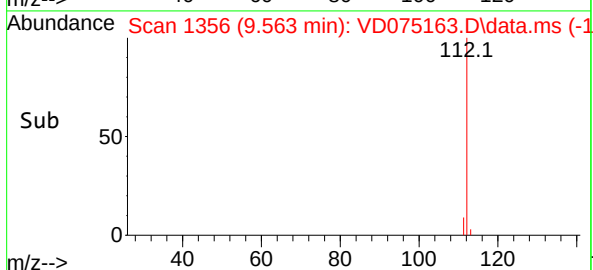
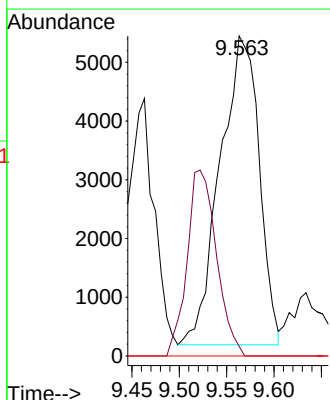
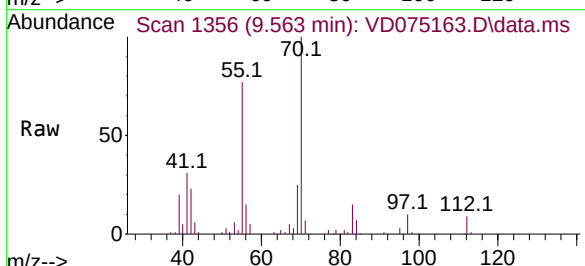
Tgt Ion: 83 Resp: 15070

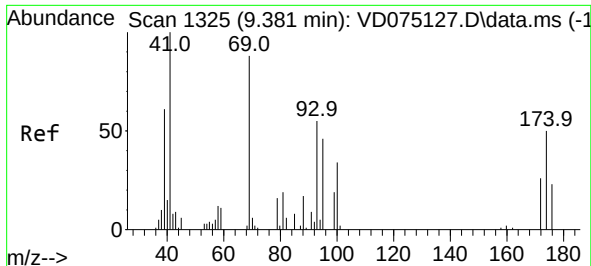
Ion Ratio Lower Upper

83 100

85 3.1 53.0 79.4#

127 0.0 7.0 10.4#

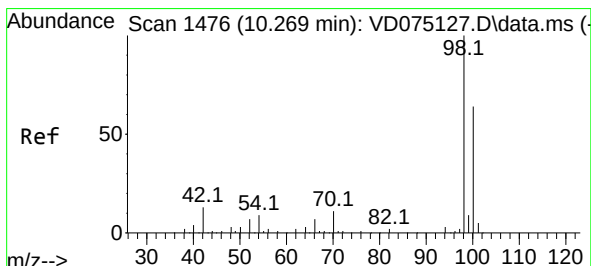
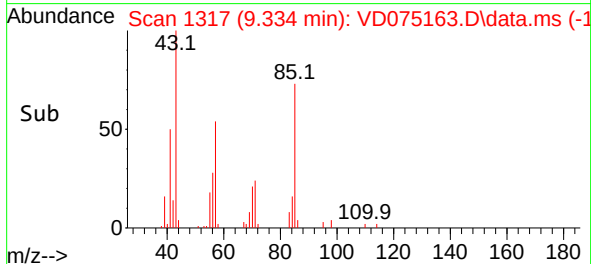
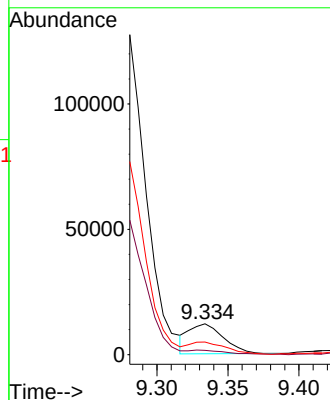
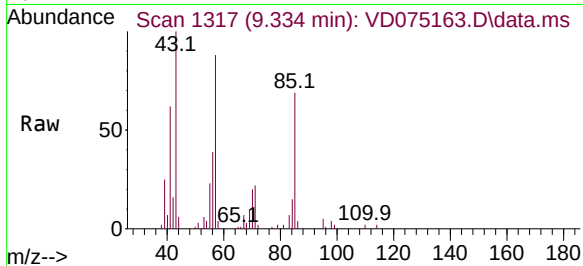




#48
Methyl methacrylate
Concen: 259.037 ug/l
RT: 9.334 min Scan# 1317
Delta R.T. -0.047 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

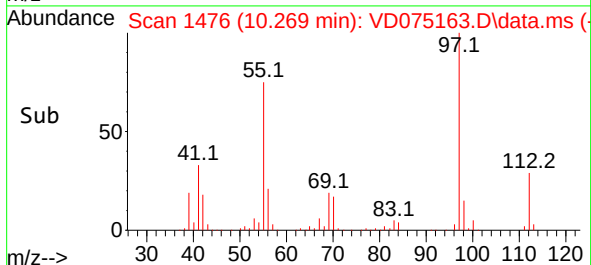
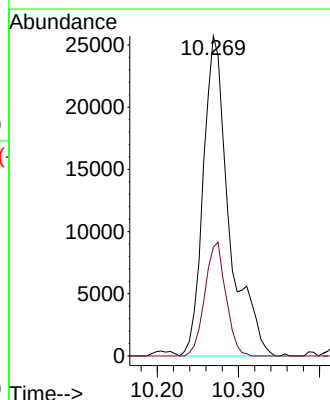
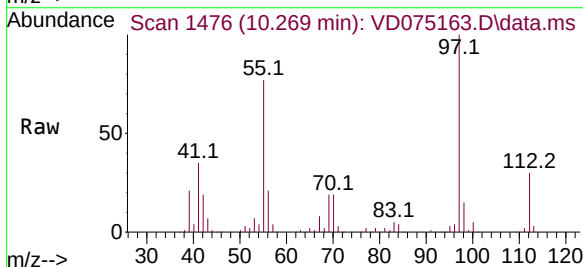
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

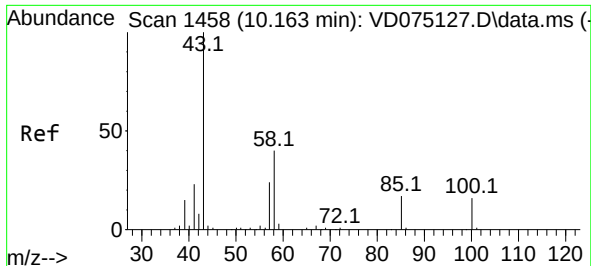
Tgt Ion: 41 Resp: 20101
Ion Ratio Lower Upper
41 100
69 0.0 67.8 101.6#
39 37.5 46.0 69.0#



#50
Toluene-d8
Concen: 114.749 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 98 Resp: 56918
Ion Ratio Lower Upper
98 100
100 28.8 52.7 79.1#





#51

4-Methyl-2-Pentanone

Concen: 320.535 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.106 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

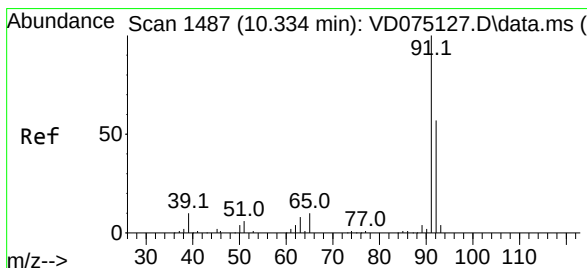
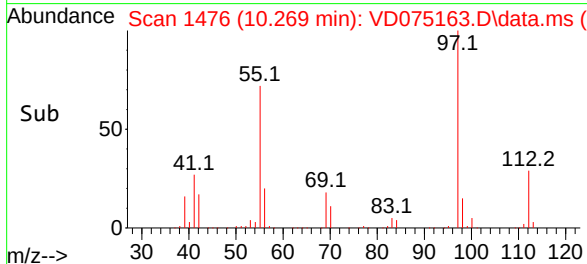
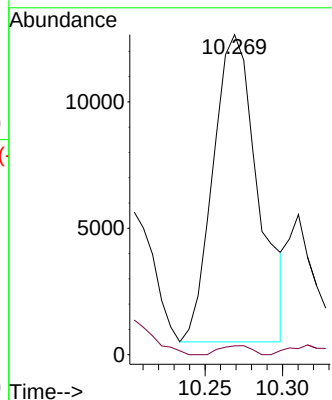
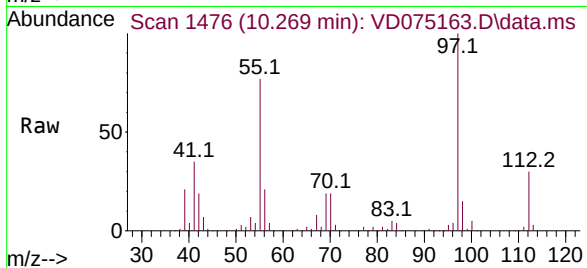
B-P38C

Tgt Ion: 43 Resp: 24426

Ion Ratio Lower Upper

43 100

58 2.0 31.4 47.0#



#52

Toluene

Concen: 33.190 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075163.D

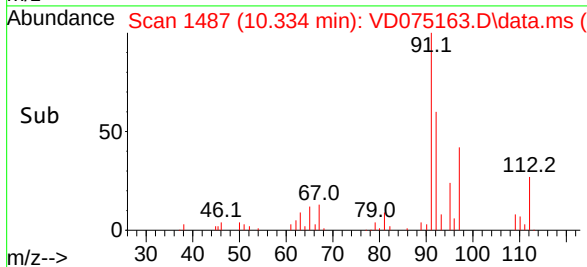
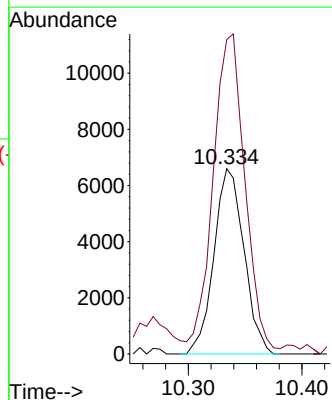
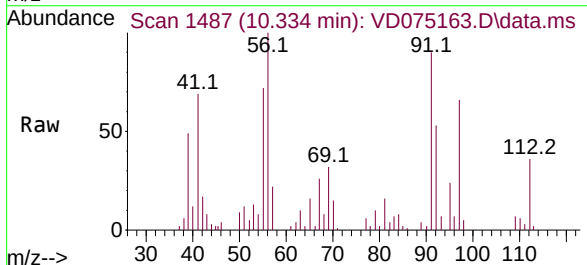
Acq: 20 Jan 2023 19:45

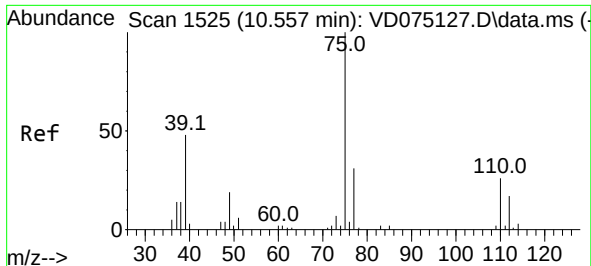
Tgt Ion: 92 Resp: 12107

Ion Ratio Lower Upper

92 100

91 177.1 137.0 205.4

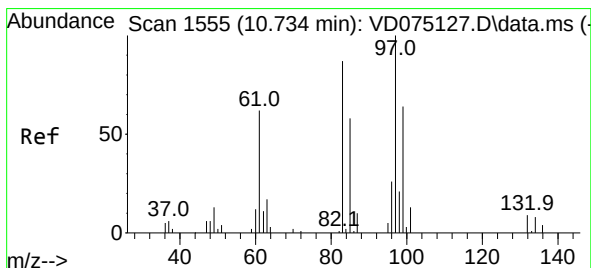
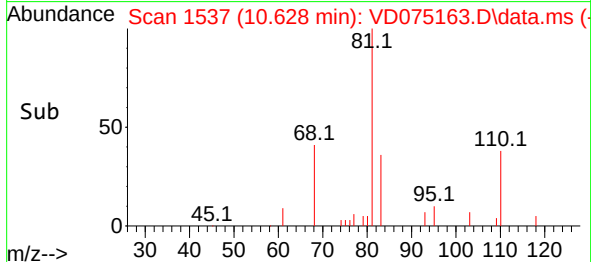
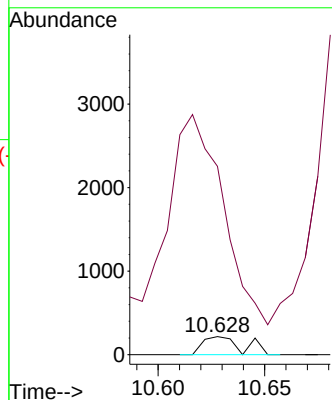
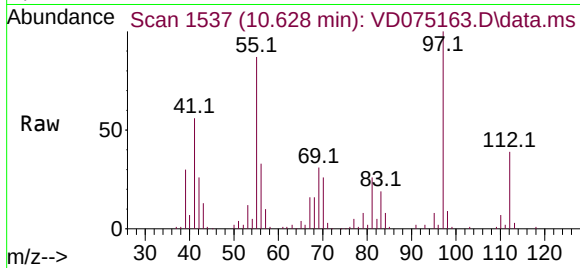




#53
t-1,3-Dichloropropene
Concen: 1.579 ug/l
RT: 10.628 min Scan# 1537
Delta R.T. 0.070 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

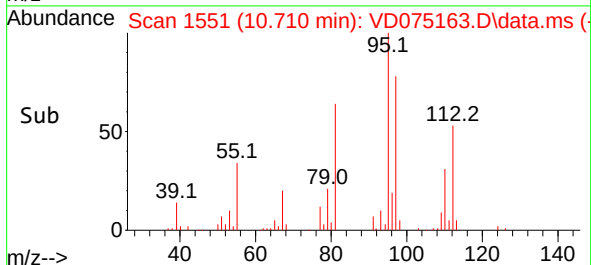
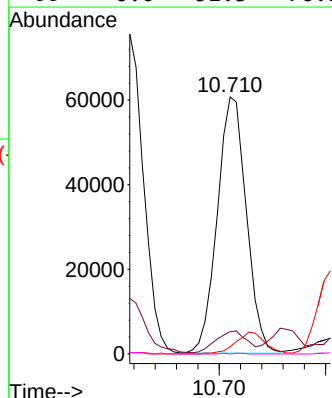
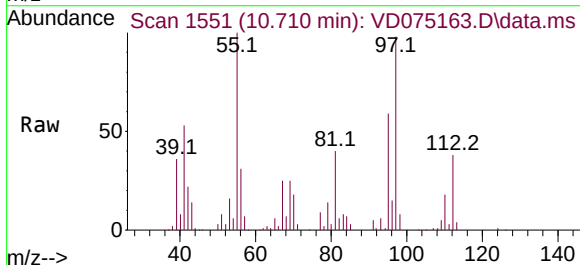
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

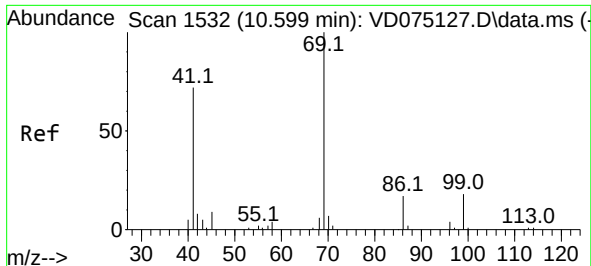
Tgt Ion: 75 Resp: 278
Ion Ratio Lower Upper
75 100
77 760.2 25.0 37.6#



#55
1,1,2-Trichloroethane
Concen: 1154.290 ug/l
RT: 10.710 min Scan# 1551
Delta R.T. -0.024 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 97 Resp: 114550
Ion Ratio Lower Upper
97 100
83 7.8 69.4 104.0#
85 2.8 46.0 69.0#
99 0.0 51.3 76.9#

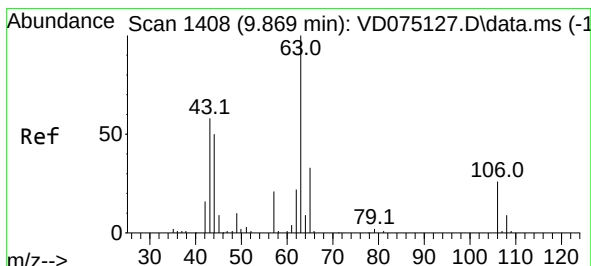
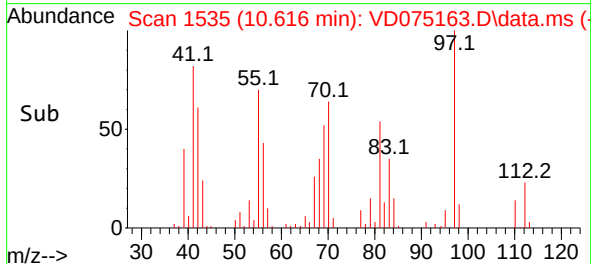
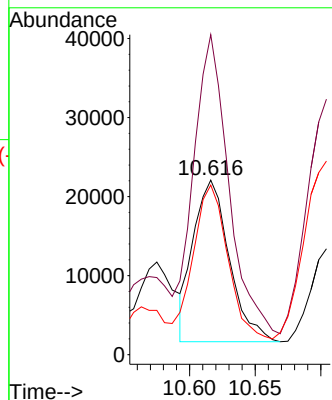
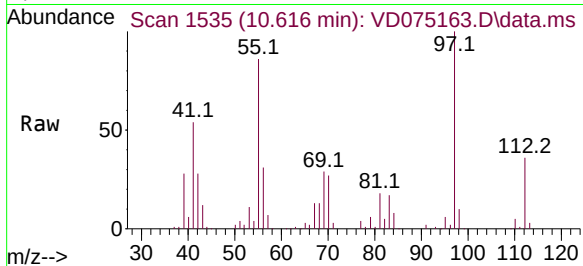




#56
Ethyl methacrylate
Concen: 327.583 ug/l
RT: 10.616 min Scan# 11
Delta R.T. 0.017 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

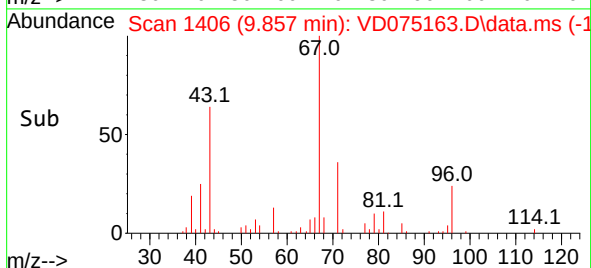
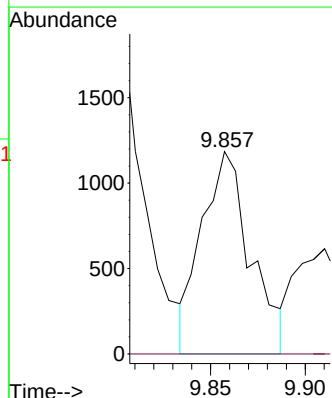
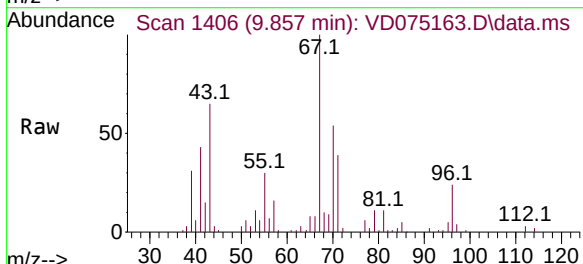
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

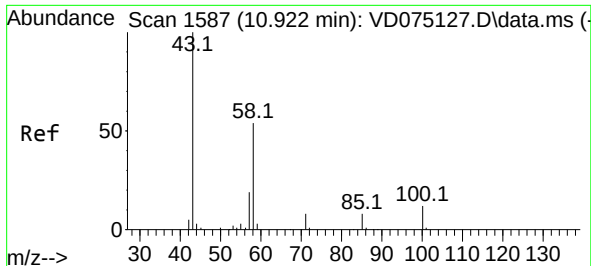
Tgt Ion: 69 Resp: 39095
Ion Ratio Lower Upper
69 100
41 179.5 55.7 83.5#
39 98.0 31.4 47.0#



#58
2-Chloroethyl Vinyl ether
Concen: 52.036 ug/l
RT: 9.857 min Scan# 1406
Delta R.T. -0.012 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 63 Resp: 2125
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#

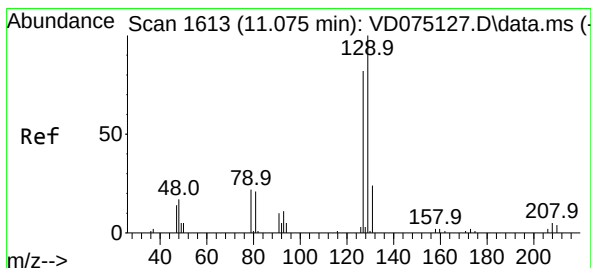
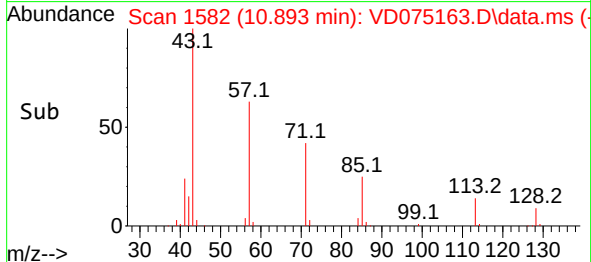
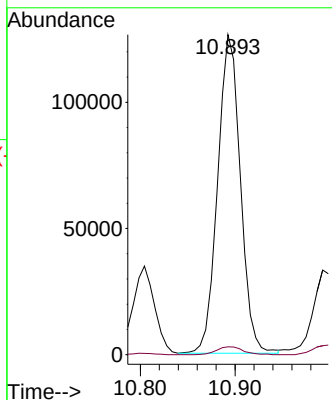
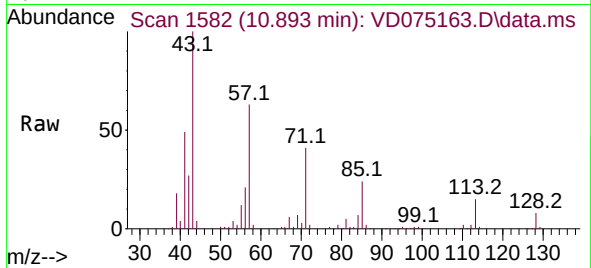




#59
2-Hexanone
Concen: 3819.488 ug/l
RT: 10.893 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

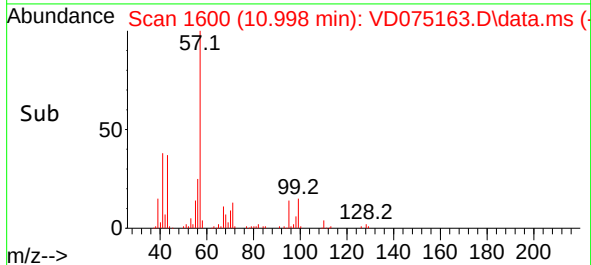
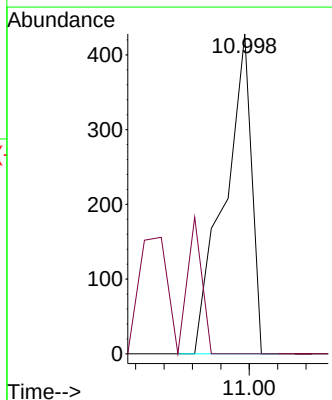
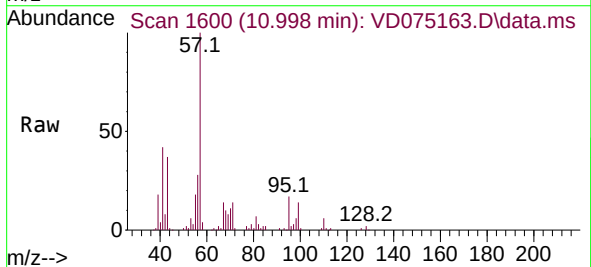
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

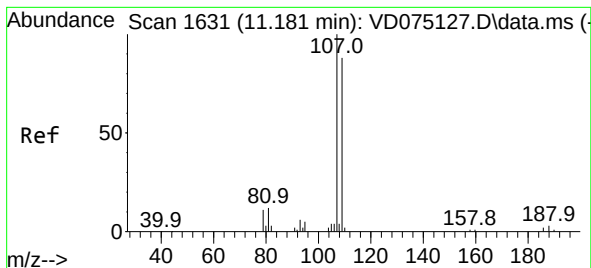
Tgt Ion: 43 Resp: 210453
Ion Ratio Lower Upper
43 100
58 2.9 26.8 80.4#



#60
Dibromochloromethane
Concen: 2.374 ug/l
RT: 10.998 min Scan# 1600
Delta R.T. -0.077 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 129 Resp: 284
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#

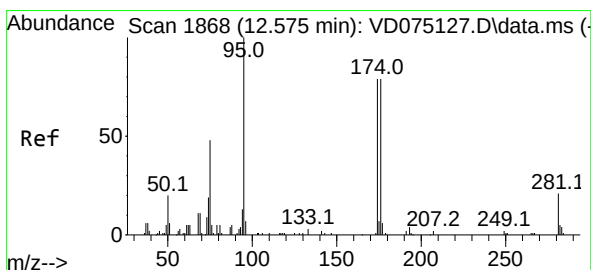
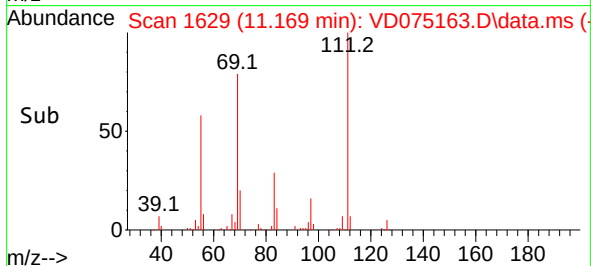
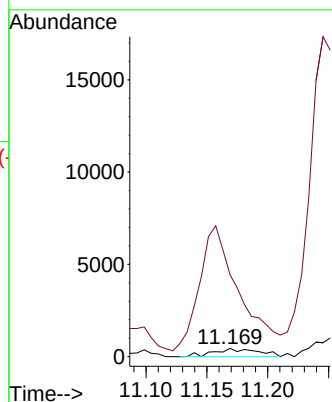
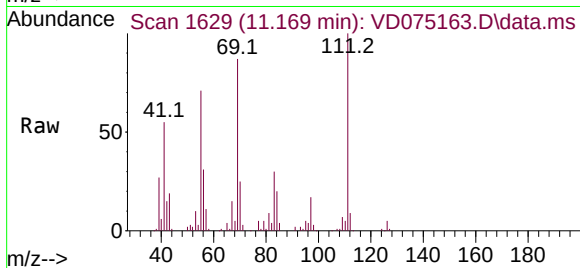




#61
1,2-Dibromoethane
Concen: 11.770 ug/l
RT: 11.169 min Scan# 1629
Delta R.T. -0.012 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

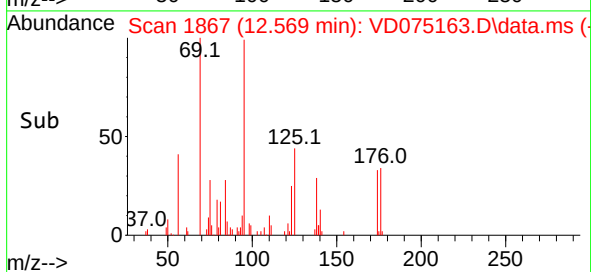
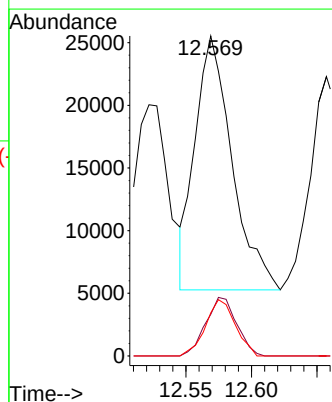
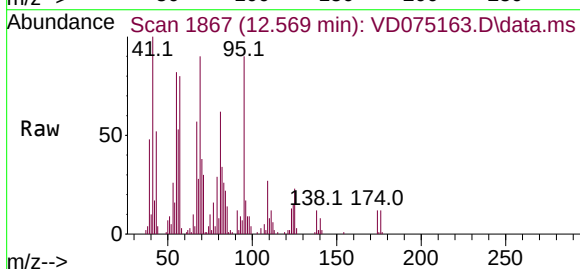
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

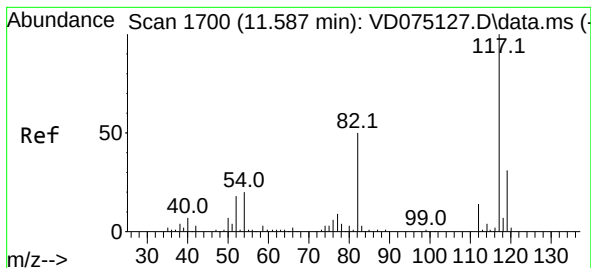
Tgt Ion:107 Resp: 1116
Ion Ratio Lower Upper
107 100
109 1372.1 75.2 112.8#



#62
4-Bromofluorobenzene
Concen: 252.219 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 95 Resp: 39705
Ion Ratio Lower Upper
95 100
174 19.3 0.0 161.2
176 17.9 0.0 160.2

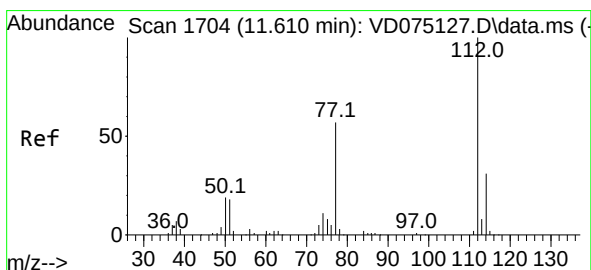
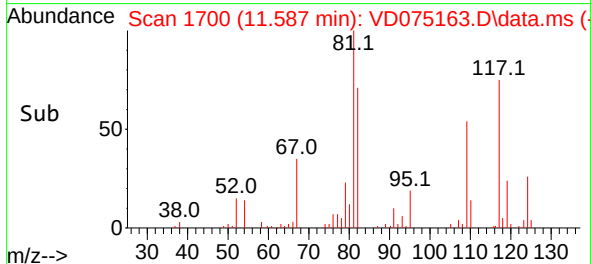
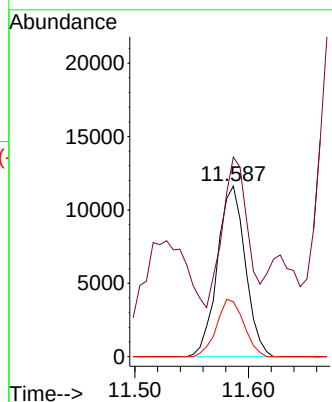
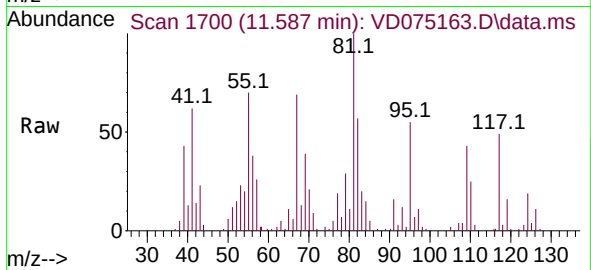




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

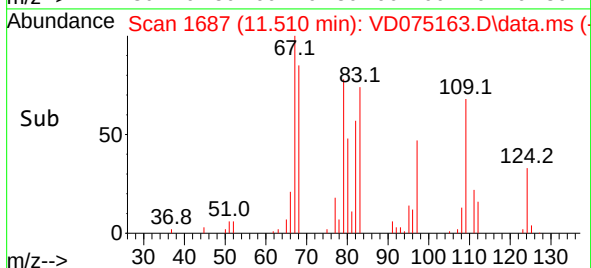
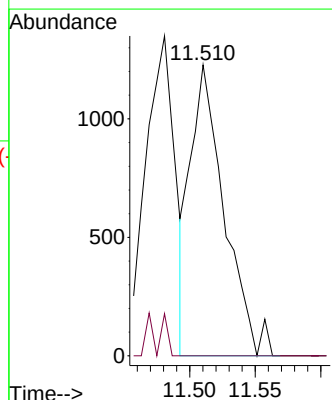
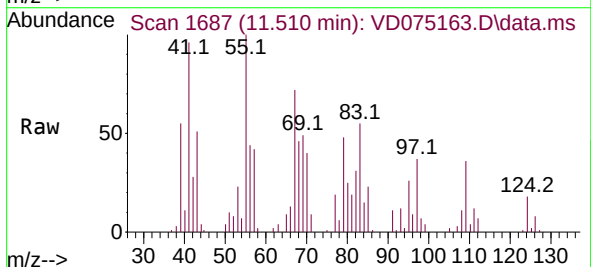
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

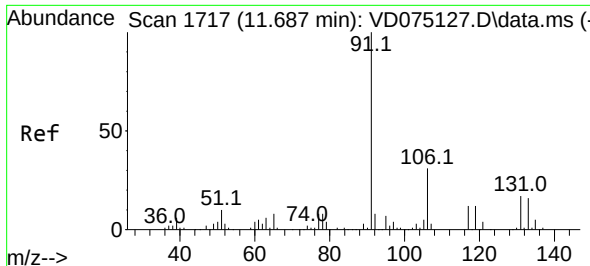
Tgt Ion:117 Resp: 19862
Ion Ratio Lower Upper
117 100
82 57.3 39.6 59.4
119 32.2 24.6 37.0



#65
Chlorobenzene
Concen: 5.460 ug/l
RT: 11.510 min Scan# 1687
Delta R.T. -0.100 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:112 Resp: 2222
Ion Ratio Lower Upper
112 100
114 0.0 24.7 37.1#

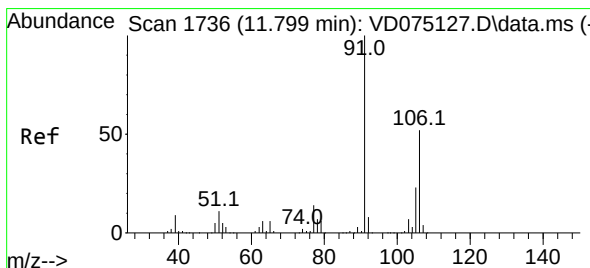
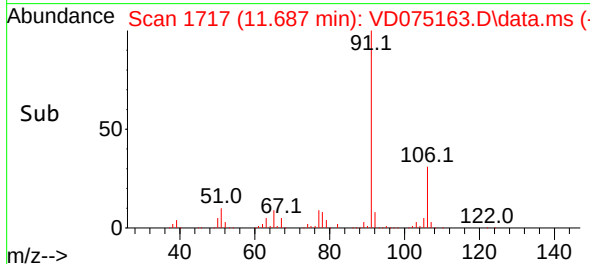
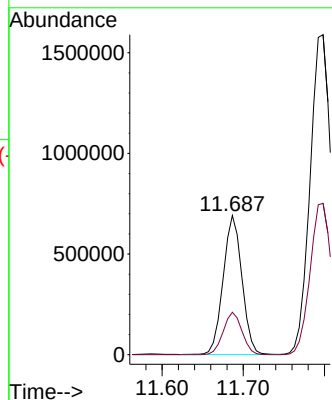
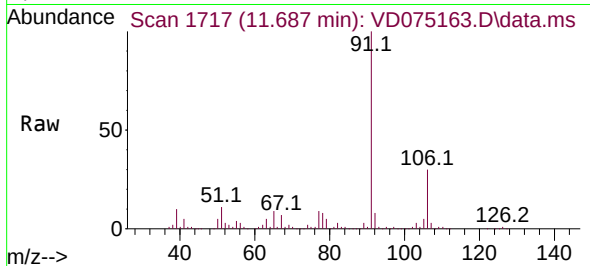




#67
Ethyl Benzene
Concen: 1514.131 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

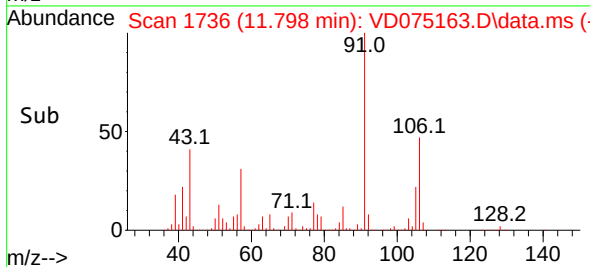
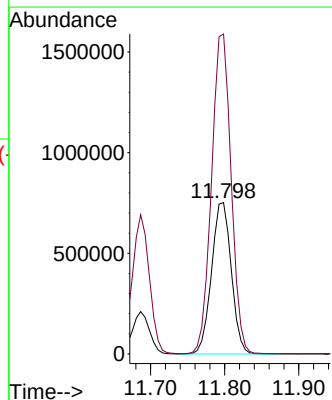
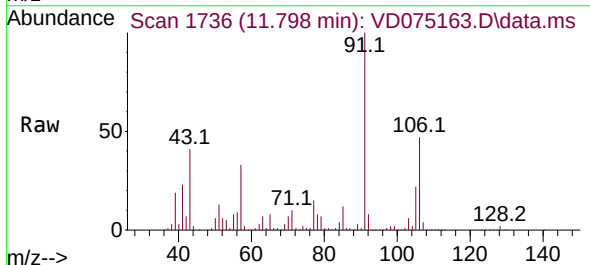
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

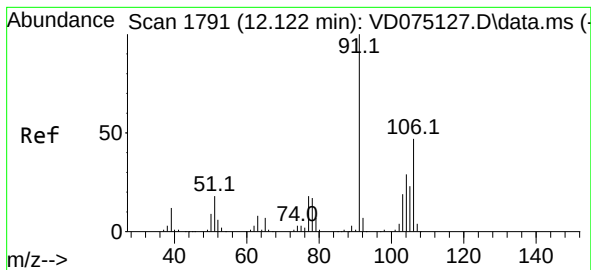
Tgt Ion: 91 Resp: 1109260
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6



#68
m/p-Xylenes
Concen: 4912.677 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:106 Resp: 1390323
Ion Ratio Lower Upper
106 100
91 209.5 160.3 240.5

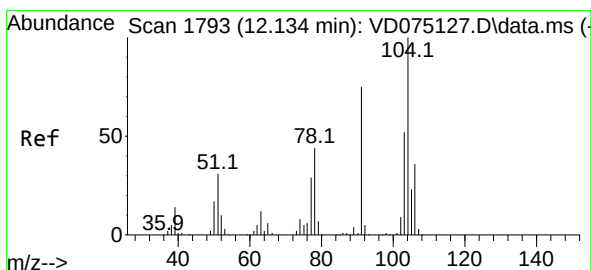
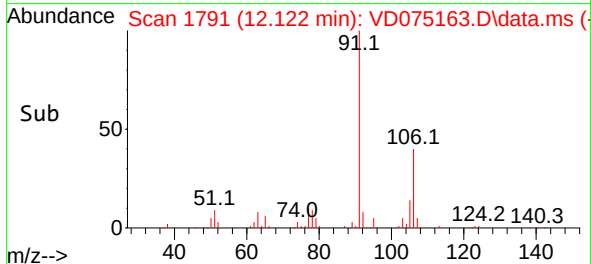
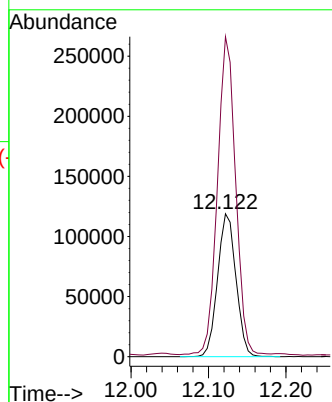
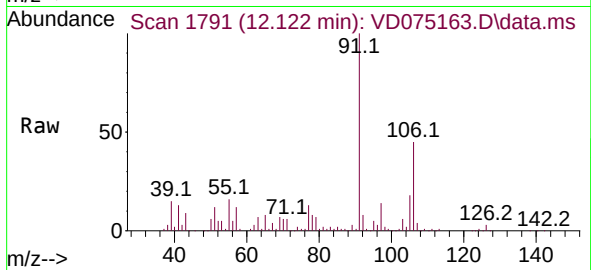




#69
o-Xylene
Concen: 738.839 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

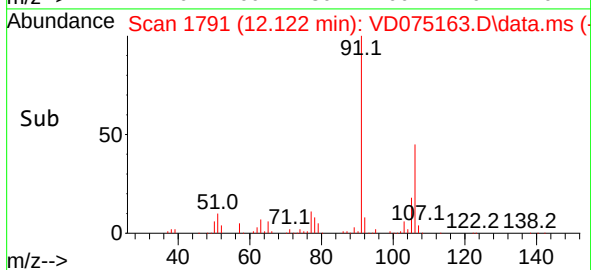
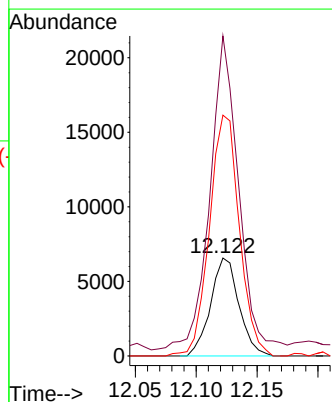
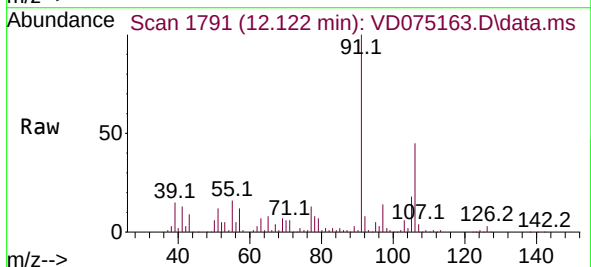
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

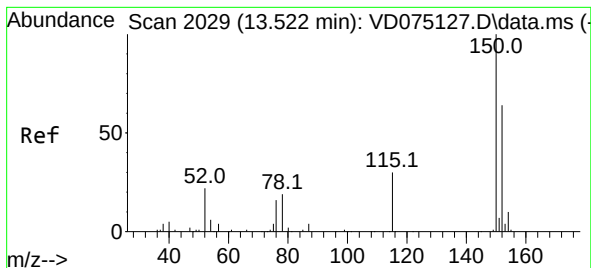
Tgt Ion:106 Resp: 196138
Ion Ratio Lower Upper
106 100
91 219.0 103.6 310.9



#70
Styrene
Concen: 24.129 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:104 Resp: 10648
Ion Ratio Lower Upper
104 100
78 322.1 38.9 58.3#
103 259.3 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

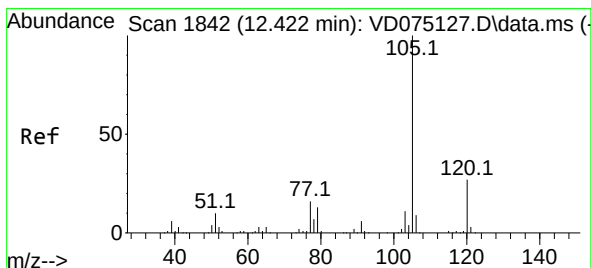
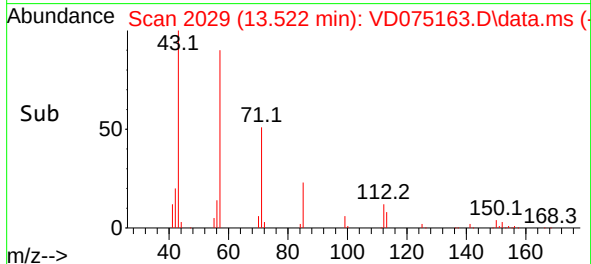
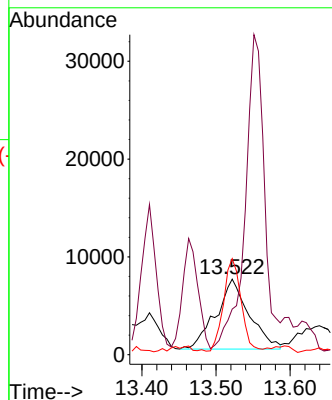
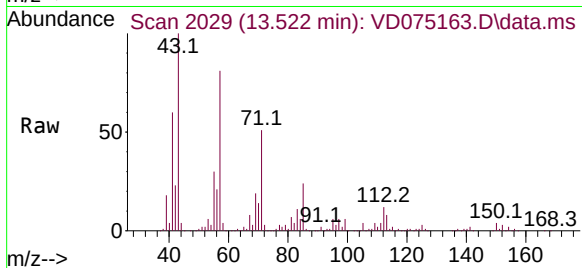
Tgt Ion:152 Resp: 22235

Ion Ratio Lower Upper

152 100

115 0.0 28.8 86.4#

150 69.9 0.0 348.6



#73

Isopropylbenzene

Concen: 171.411 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075163.D

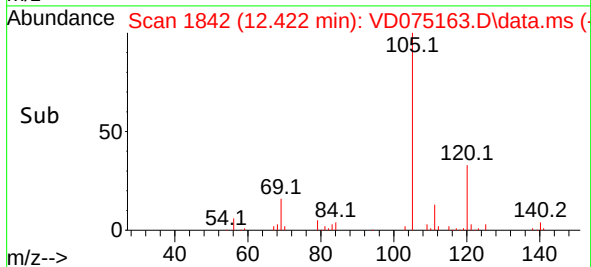
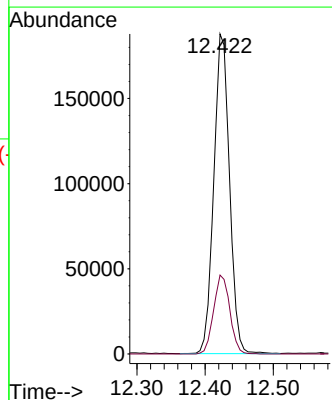
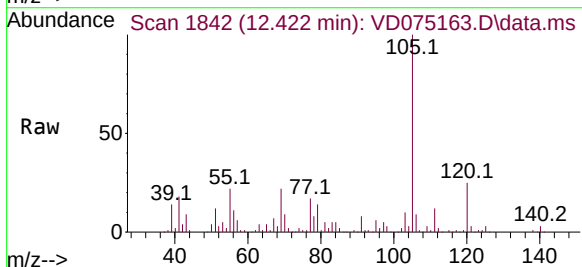
Acq: 20 Jan 2023 19:45

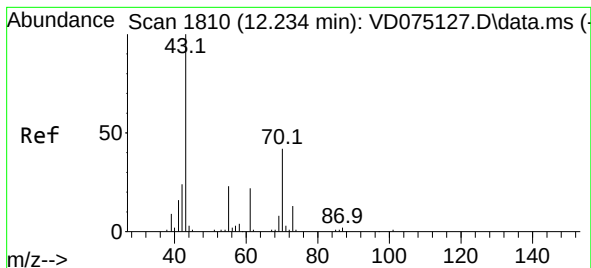
Tgt Ion:105 Resp: 301054

Ion Ratio Lower Upper

105 100

120 25.4 13.7 41.1





#74

N-amy1 acetate

Concen: 758.468 ug/l

RT: 12.216 min Scan# 1807

Delta R.T. -0.018 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

Tgt Ion: 43 Resp: 291808

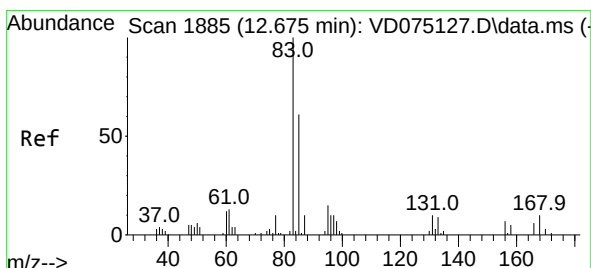
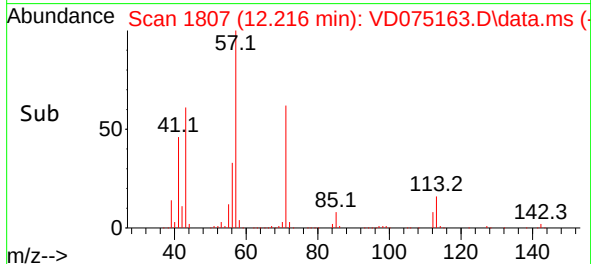
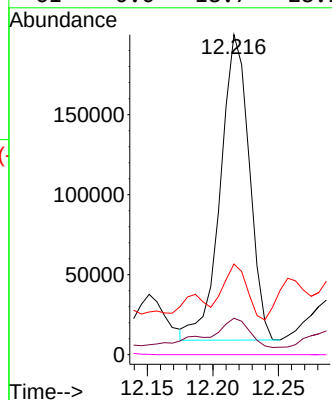
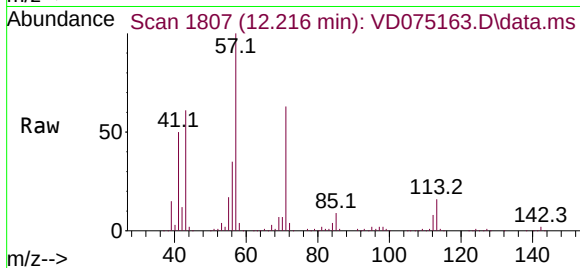
Ion Ratio Lower Upper

43 100

70 13.8 32.6 49.0#

55 15.0 17.8 26.8#

61 0.0 18.7 28.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 28.085 ug/l

RT: 12.622 min Scan# 1876

Delta R.T. -0.053 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

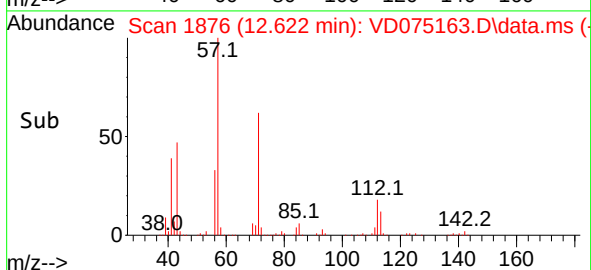
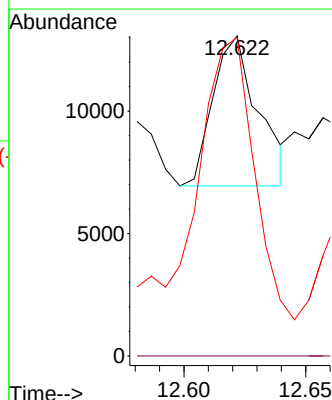
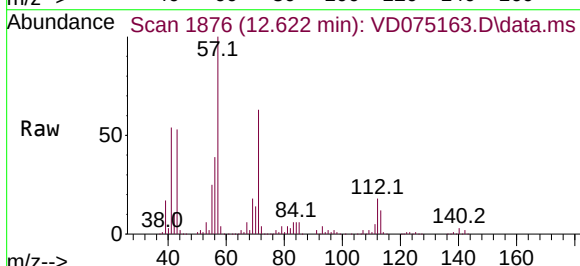
Tgt Ion: 83 Resp: 7859

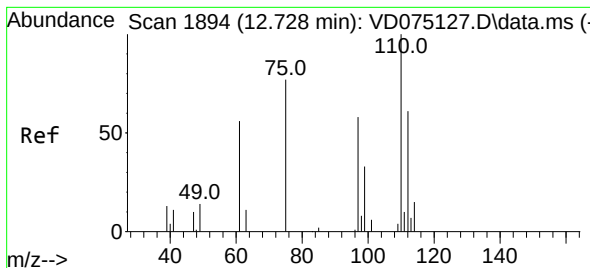
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 219.4 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 25.303 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.041 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

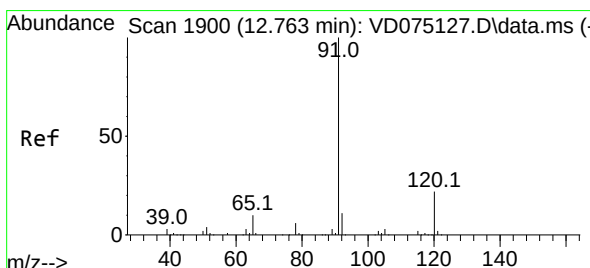
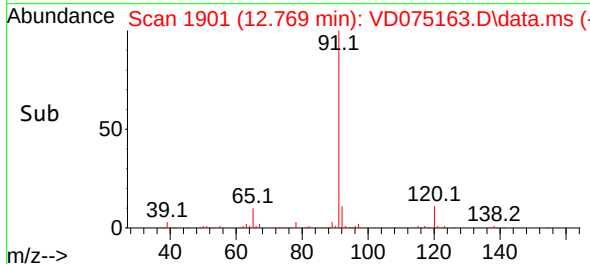
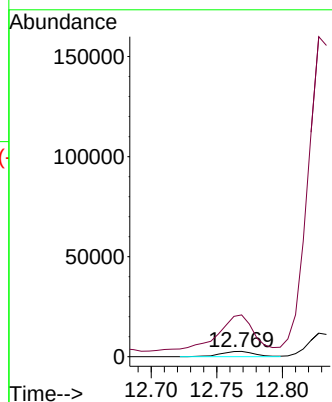
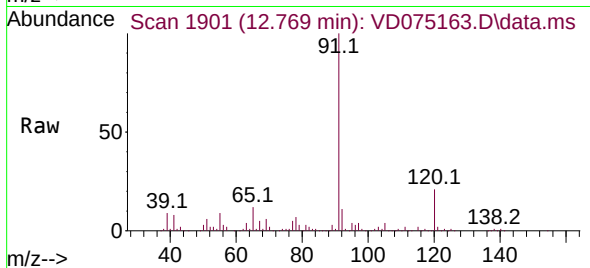
B-P38C

Tgt Ion: 75 Resp: 4765

Ion Ratio Lower Upper

75 100

77 744.2 0.0 0.0#



#78

n-propylbenzene

Concen: 302.614 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075163.D

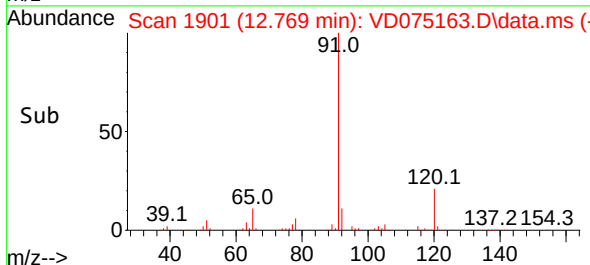
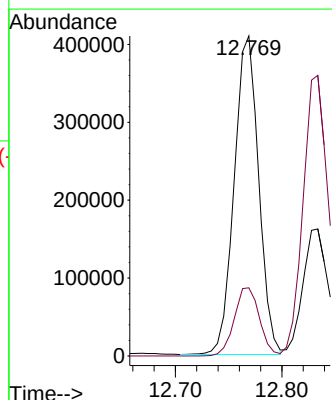
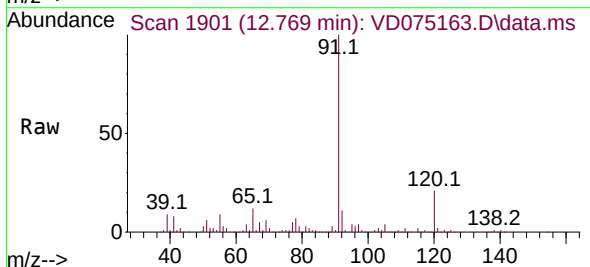
Acq: 20 Jan 2023 19:45

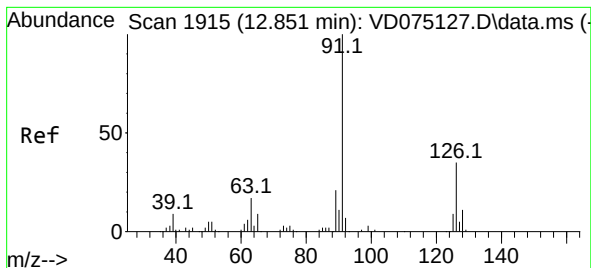
Tgt Ion: 91 Resp: 653110

Ion Ratio Lower Upper

91 100

120 22.1 11.7 35.0

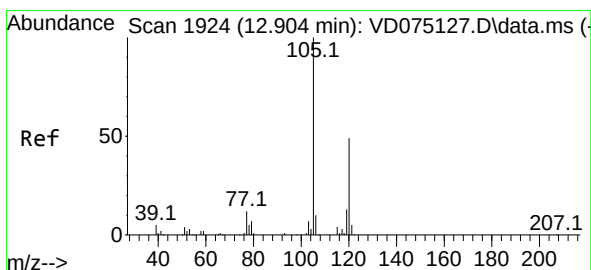
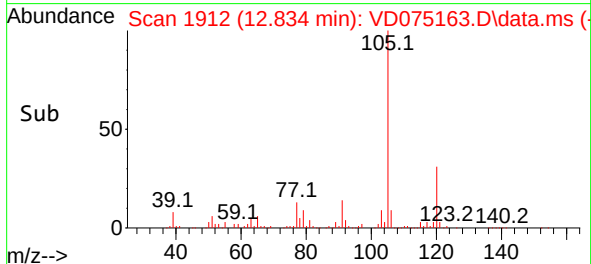
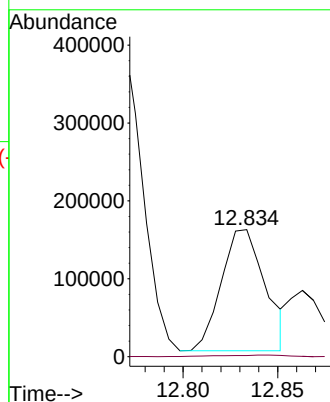
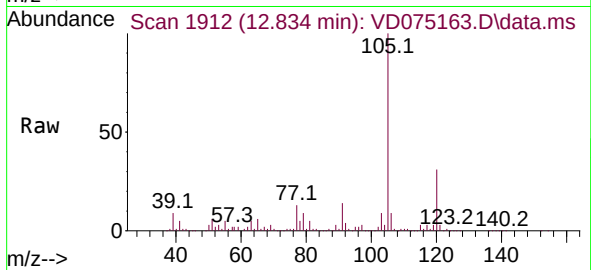




#79
2-Chlorotoluene
Concen: 211.802 ug/l
RT: 12.834 min Scan# 1912
Delta R.T. -0.018 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

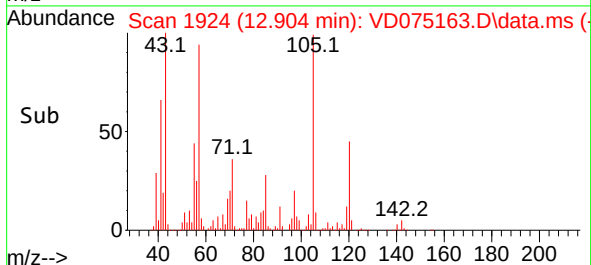
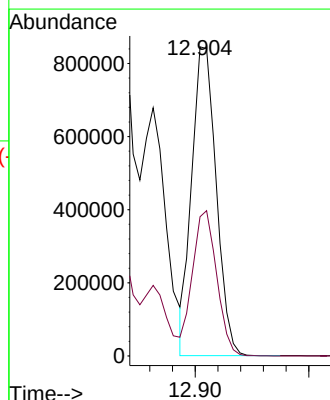
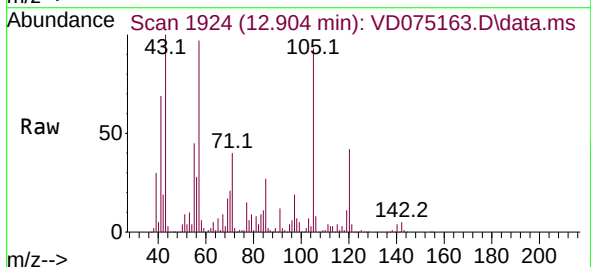
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

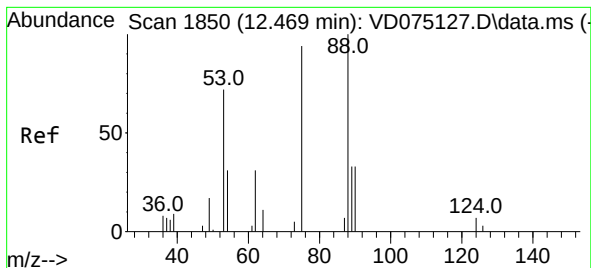
Tgt Ion: 91 Resp: 251410
Ion Ratio Lower Upper
91 100
126 2.0 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 877.882 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 105 Resp: 1263226
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.8

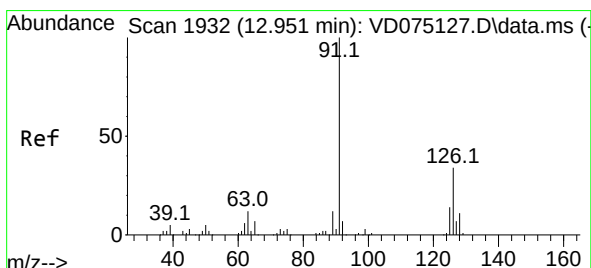
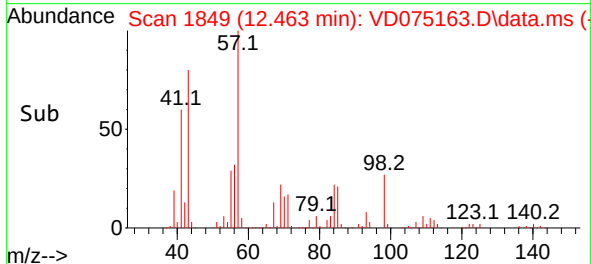
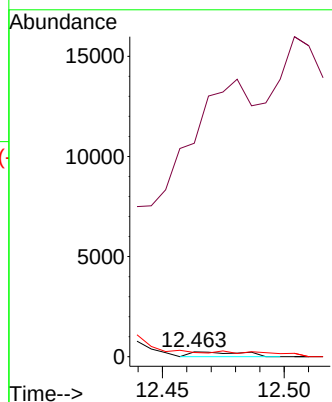
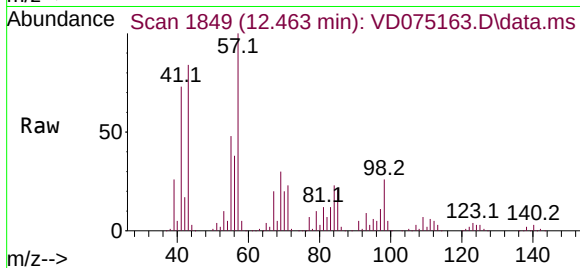




#81
trans-1,4-Dichloro-2-butene
Concen: 4.496 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

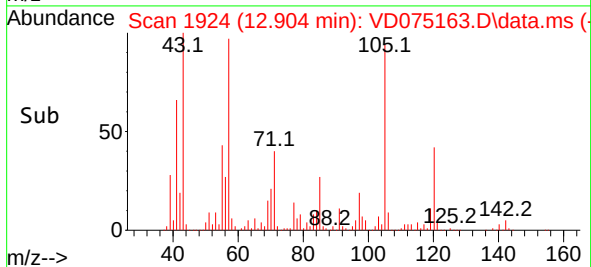
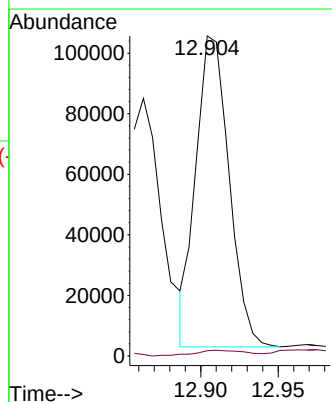
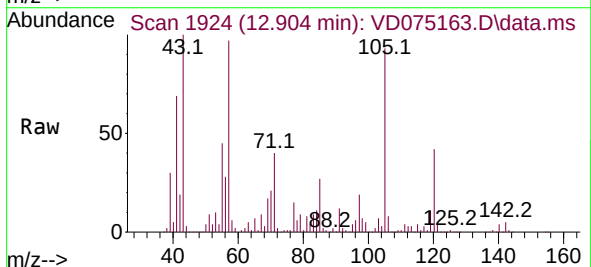
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

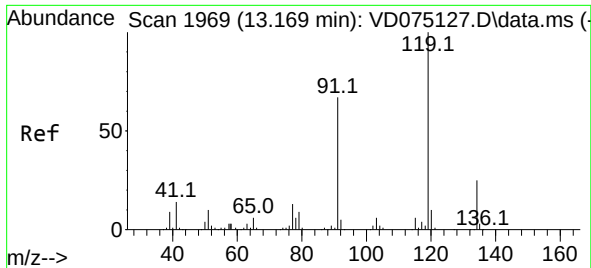
Tgt Ion: 75 Resp: 365
Ion Ratio Lower Upper
75 100
53 2857.0 70.5 105.7#
89 0.0 34.6 52.0#



#82
4-Chlorotoluene
Concen: 125.246 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.047 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 91 Resp: 152852
Ion Ratio Lower Upper
91 100
126 2.9 17.3 52.0#

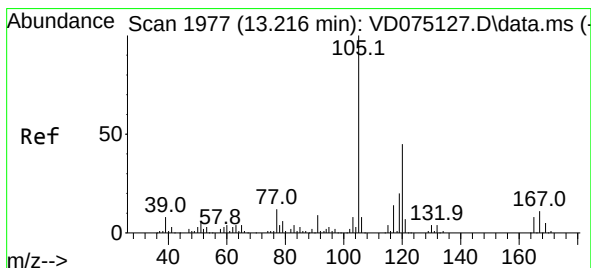
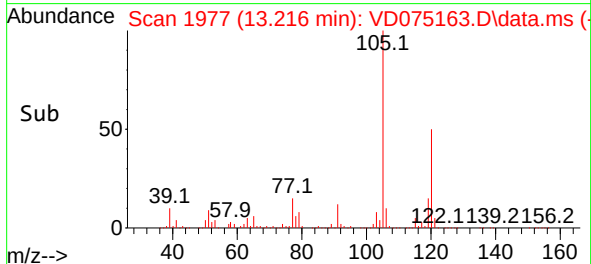
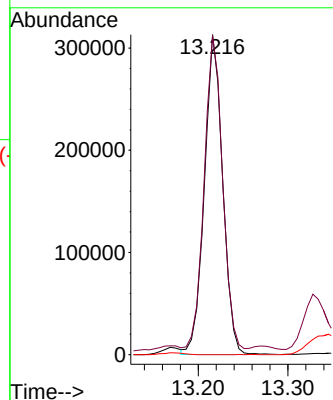
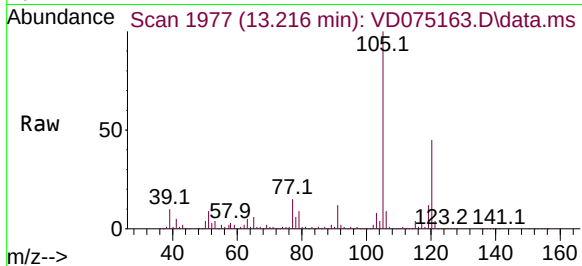




#83
tert-Butylbenzene
Concen: 356.254 ug/l
RT: 13.216 min Scan# 1969
Delta R.T. 0.047 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

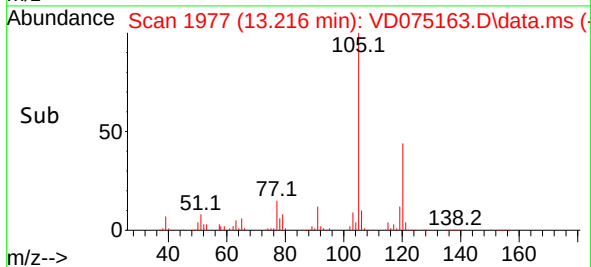
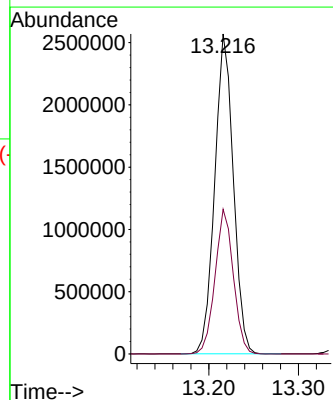
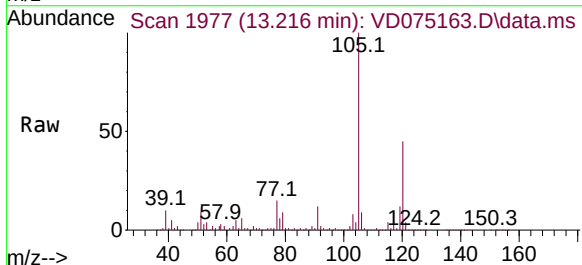
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

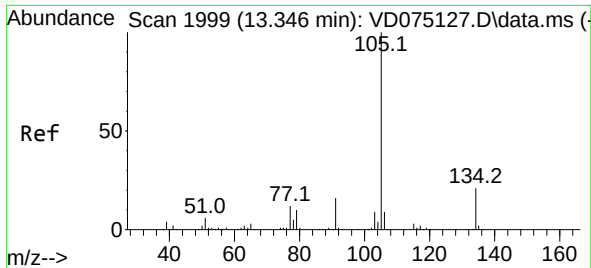
Tgt Ion:119 Resp: 443556
Ion Ratio Lower Upper
119 100
91 97.6 32.9 98.6
134 0.0 13.3 39.8#



#84
1,2,4-Trimethylbenzene
Concen: 2617.043 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:105 Resp: 3698291
Ion Ratio Lower Upper
105 100
120 44.6 23.2 69.5

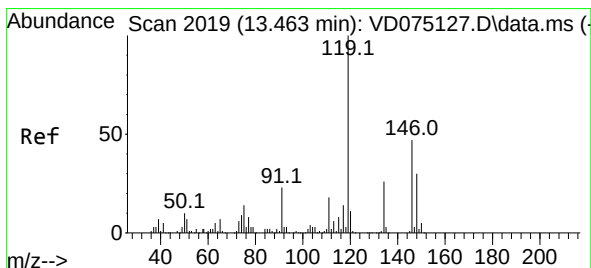
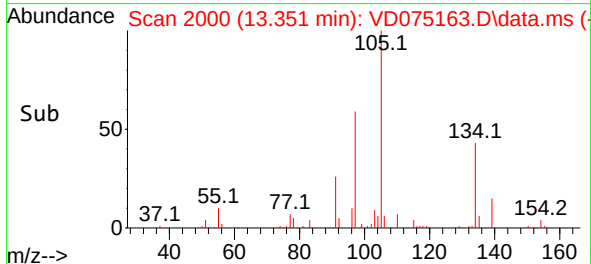
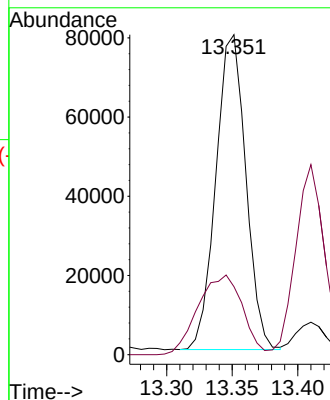
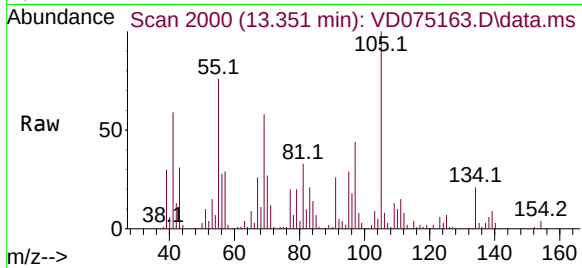




#85
 sec-Butylbenzene
 Concen: 66.760 ug/l
 RT: 13.351 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD075163.D
 Acq: 20 Jan 2023 19:45

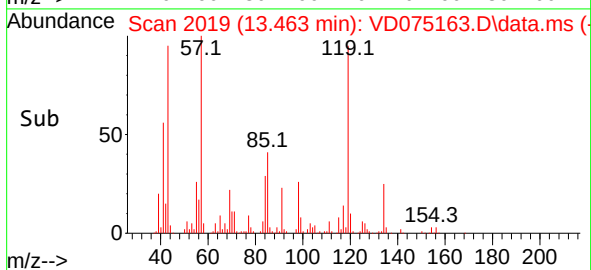
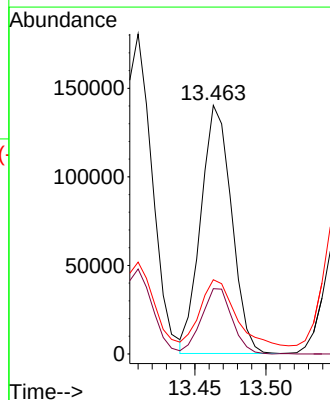
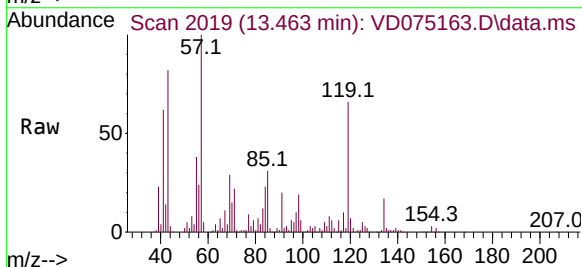
Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38C

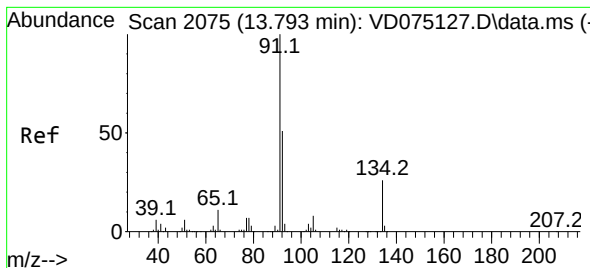
Tgt Ion:105 Resp: 126268
 Ion Ratio Lower Upper
 105 100
 134 37.3 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 136.159 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075163.D
 Acq: 20 Jan 2023 19:45

Tgt Ion:119 Resp: 210838
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 29.7 11.9 35.5





#89

n-Butylbenzene

Concen: 148.607 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

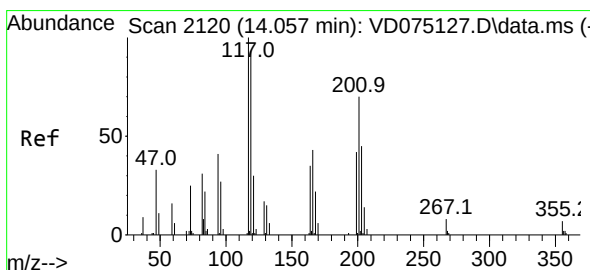
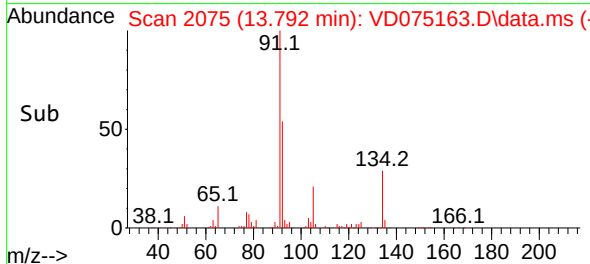
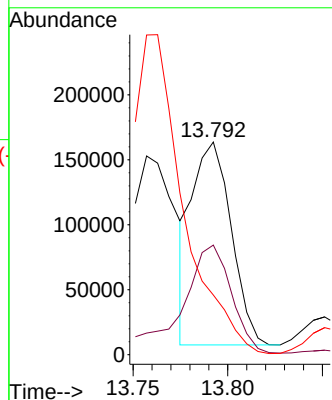
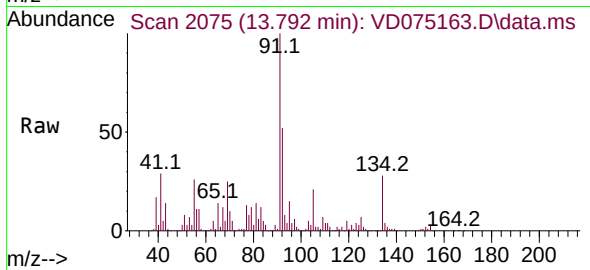
Tgt Ion: 91 Resp: 224234

Ion Ratio Lower Upper

91 100

92 67.9 26.8 80.3

134 0.0 13.3 39.8#



#90

Hexachloroethane

Concen: 365.200 ug/l

RT: 14.069 min Scan# 2122

Delta R.T. 0.012 min

Lab File: VD075163.D

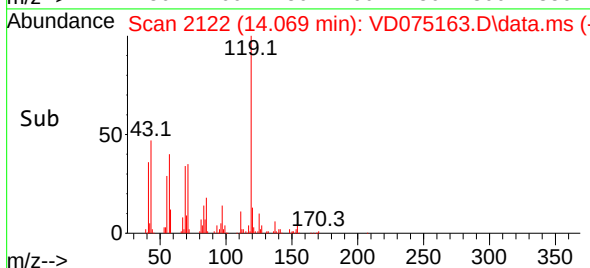
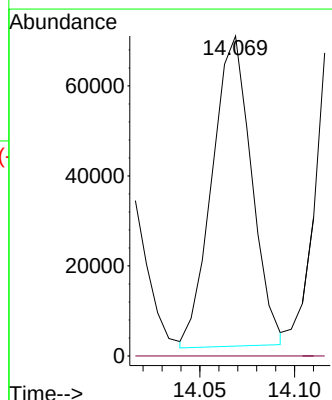
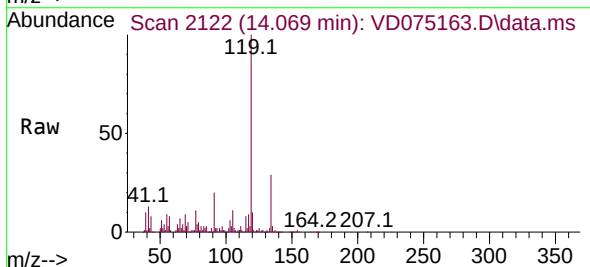
Acq: 20 Jan 2023 19:45

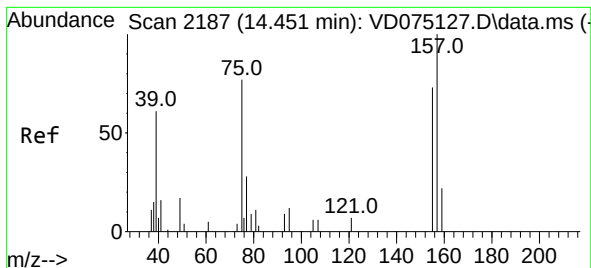
Tgt Ion: 117 Resp: 99861

Ion Ratio Lower Upper

117 100

201 0.0 35.1 105.5#

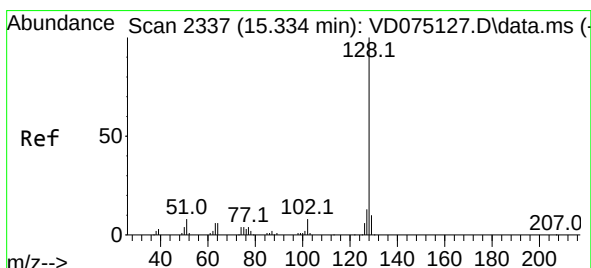
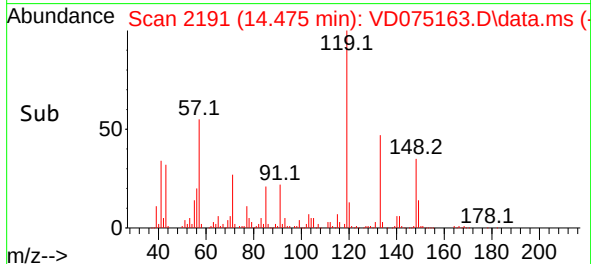
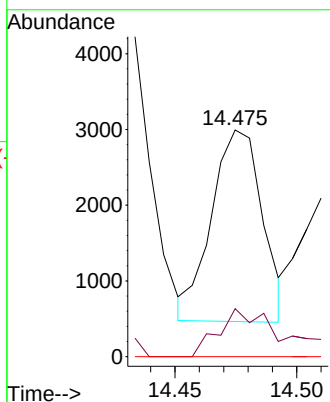
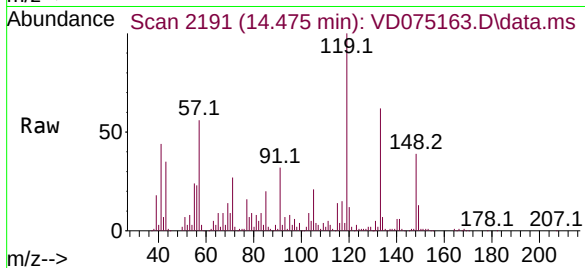




#92
1,2-Dibromo-3-Chloropropane
Concen: 85.635 ug/l
RT: 14.475 min Scan# 2187
Delta R.T. 0.023 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

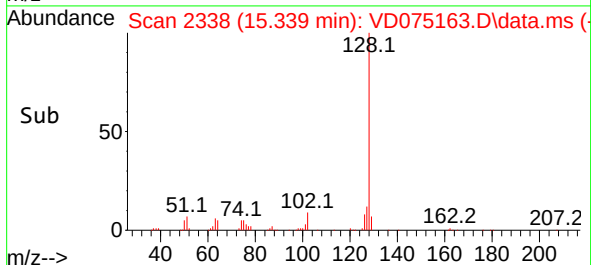
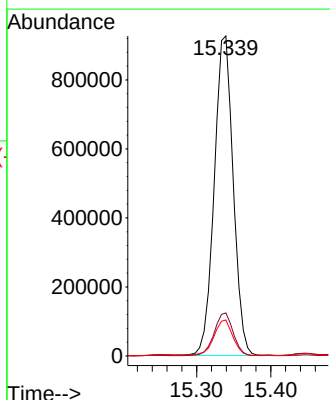
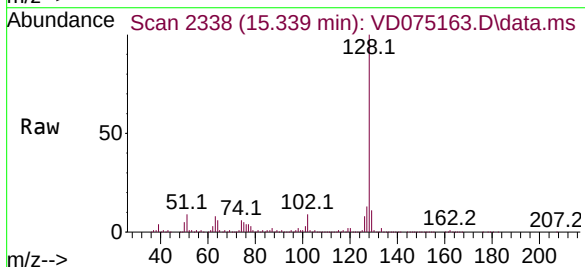
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

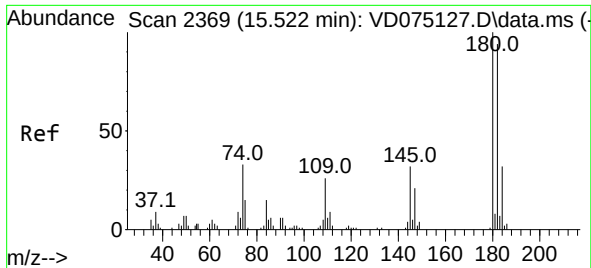
Tgt Ion: 75 Resp: 3664
Ion Ratio Lower Upper
75 100
155 35.1 43.4 130.2#
157 0.0 56.4 169.2#



#95
Naphthalene
Concen: 1888.785 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

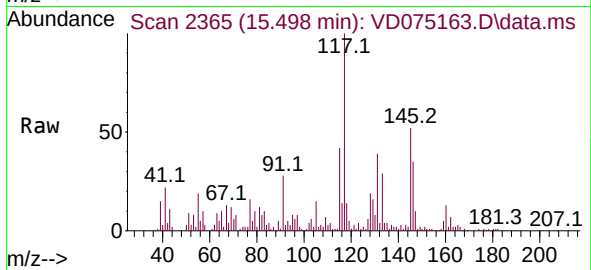
Tgt Ion:128 Resp: 1642672
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.561 ug/l
 RT: 15.498 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VD075163.D
 Acq: 20 Jan 2023 19:45

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38C



Tgt Ion:180 Resp: 582
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.0 141.0#
 145 5717.0 16.1 48.3#

