

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075172.D
 Acq On : 23 Jan 2023 13:36
 Operator : KP/SY
 Sample : 01233-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P34A

Quant Time: Jan 23 14:04:47 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)

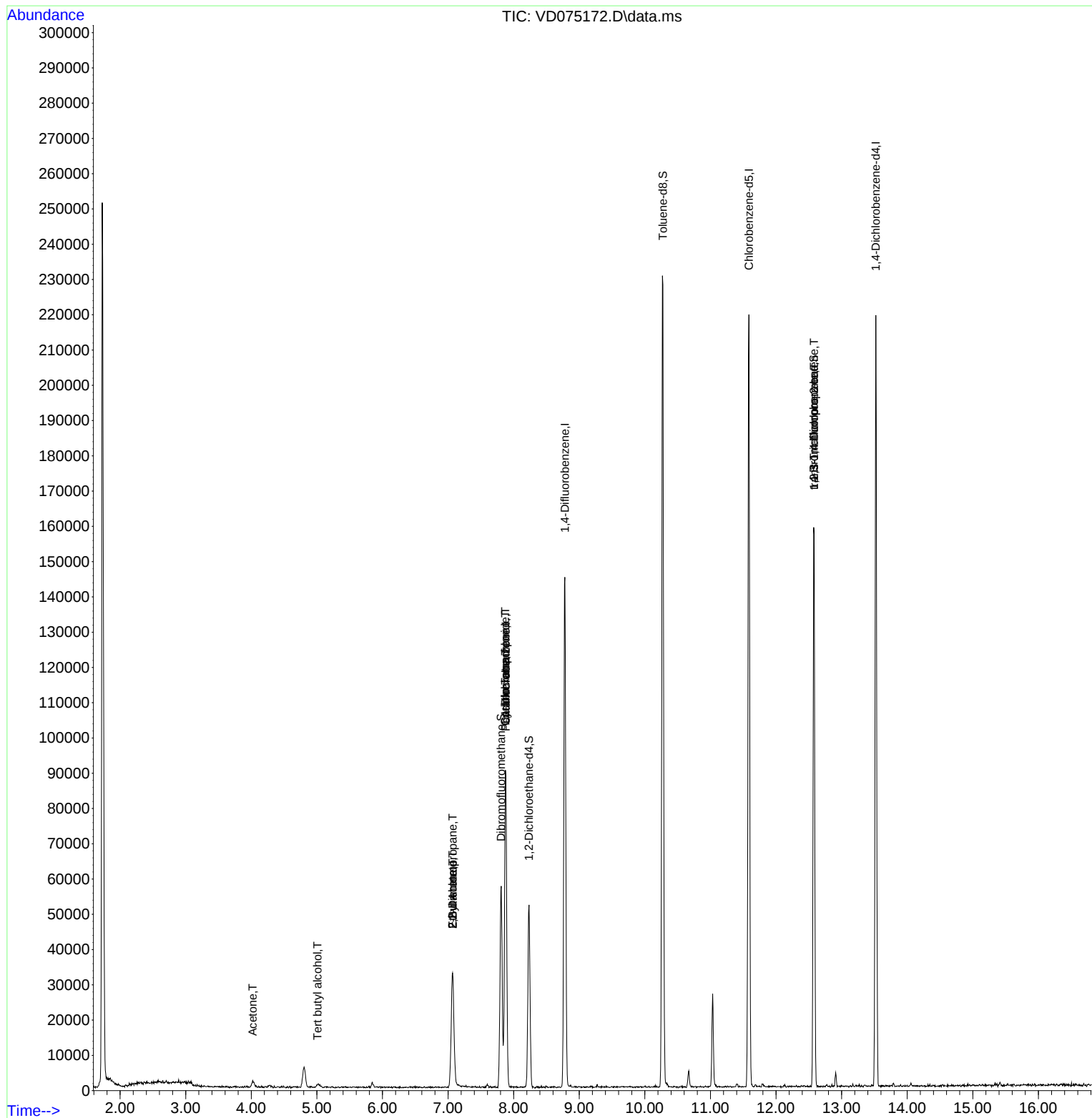
Internal Standards						
1) Pentafluorobenzene	7.881	168	67921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	129748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	124838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	54879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40536	58.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.980%	
35) Dibromofluoromethane	7.810	113	40288	51.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.275	98	160846	52.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.575	95	52693	53.784	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	58	Below Cal	#	43
11) Tert butyl alcohol	5.010	59	920	19.027	ug/l #	89
16) Acetone	4.022	43	3516	19.234	ug/l #	82
20) Methylene Chloride	4.810	84	4288	Below Cal	#	90
25) 2-Butanone	7.069	43	1925	8.713	ug/l #	50
26) 2,2-Dichloropropane	7.069	77	2684	2.039	ug/l #	51
31) Cyclohexane	7.875	56	2191	1.576	ug/l #	26
36) 1,1-Dichloropropene	7.875	75	5998	4.761	ug/l #	48
37) Ethyl Acetate	7.069	43	1925	3.793	ug/l #	42
38) Carbon Tetrachloride	7.875	117	7021	6.620	ug/l #	18
76) 1,2,3-Trichloropropane	12.581	75	27948	60.131	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	27948	139.479	ug/l #	14

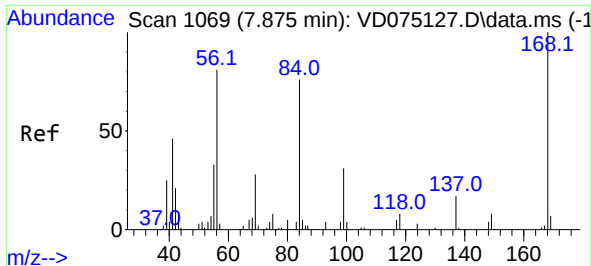
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

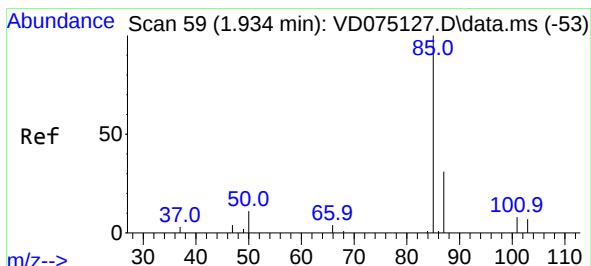
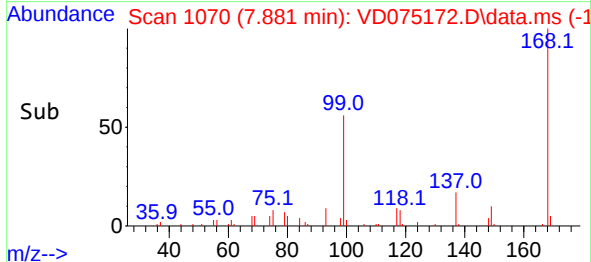
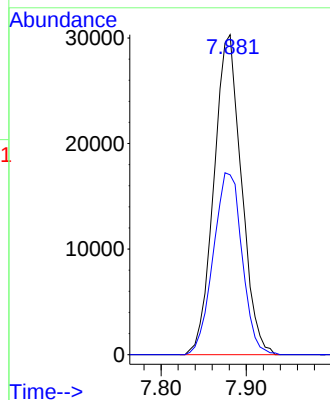
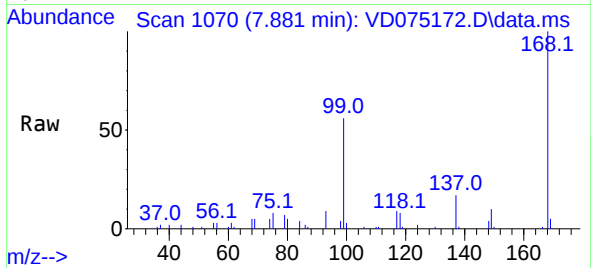




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

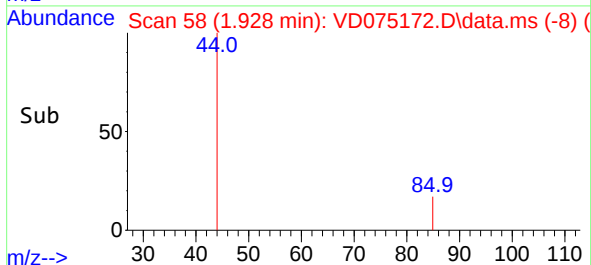
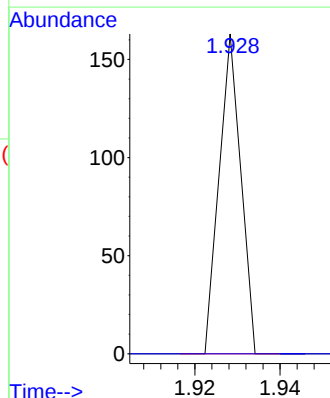
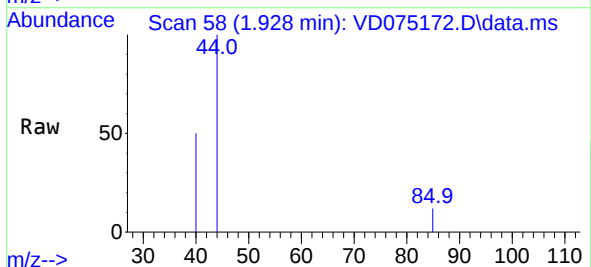
Instrument :
MSVOA_D
ClientSampleId :
B-P34A

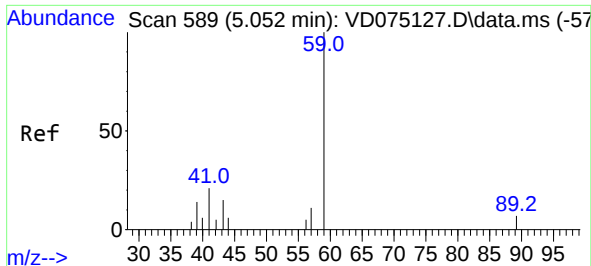
Tgt Ion:168 Resp: 67921
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 85 Resp: 58
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

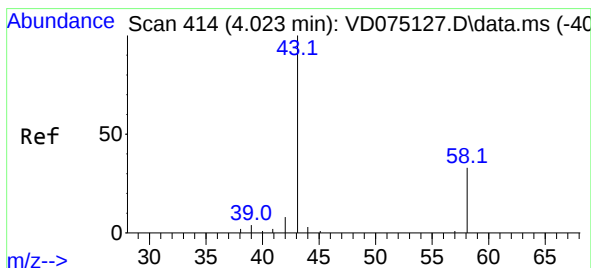
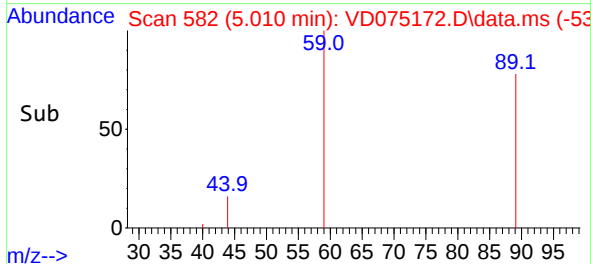
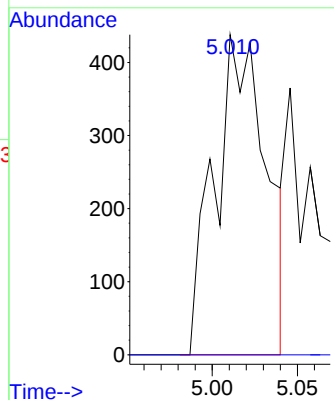
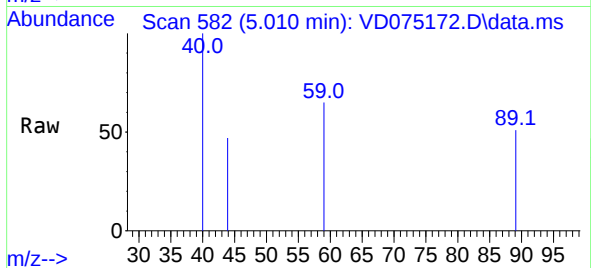




#11
Tert butyl alcohol
Concen: 19.027 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

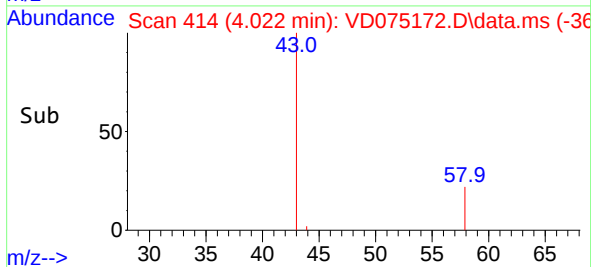
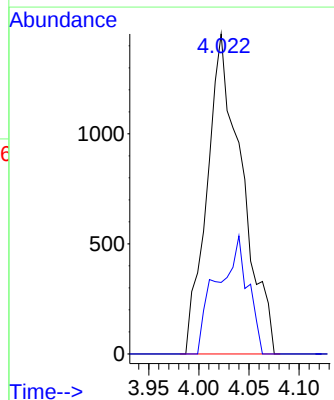
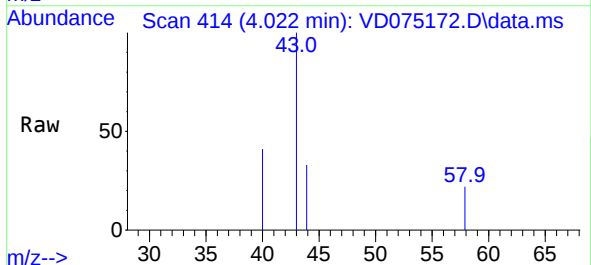
Instrument :
MSVOA_D
ClientSampleId :
B-P34A

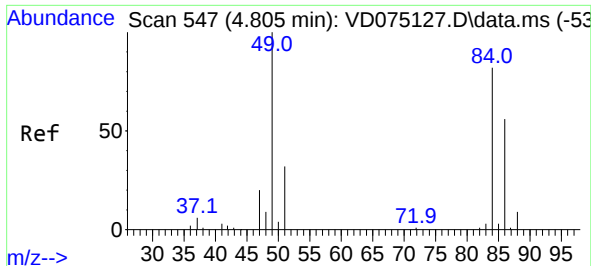
Tgt Ion: 59 Resp: 920
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#16
Acetone
Concen: 19.234 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
58 22.4 26.0 39.0#



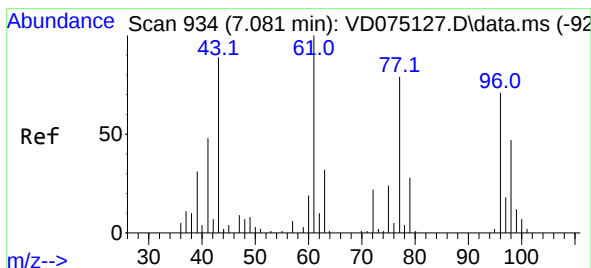
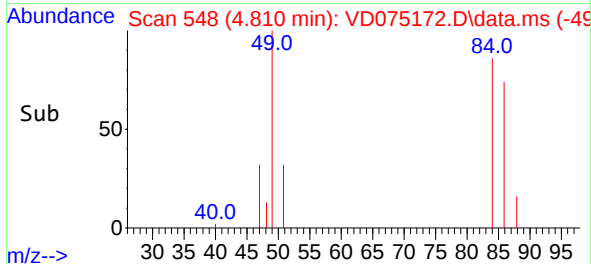
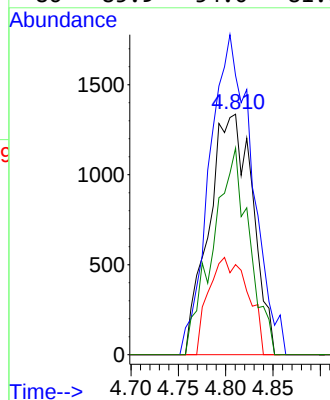
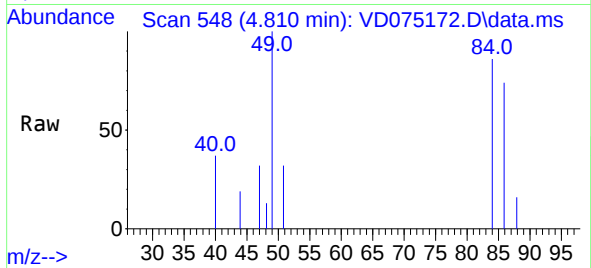


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :
B-P34A

Tgt Ion: 84 Resp: 4288

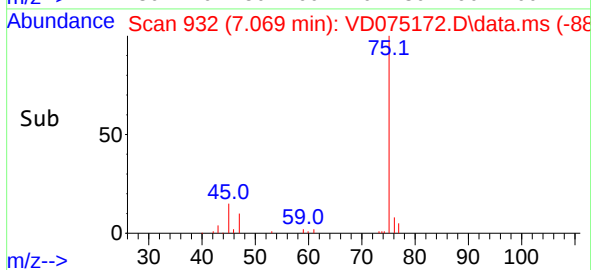
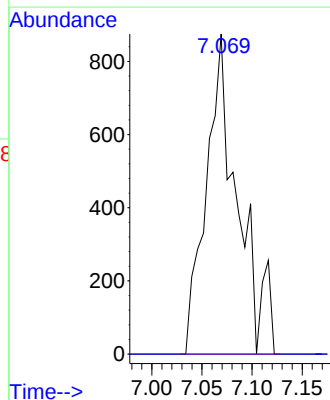
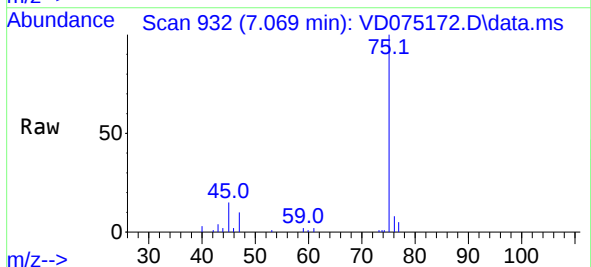
Ion	Ratio	Lower	Upper
84	100		
49	116.1	97.0	145.6
51	37.5	30.9	46.3
86	85.9	54.0	81.0

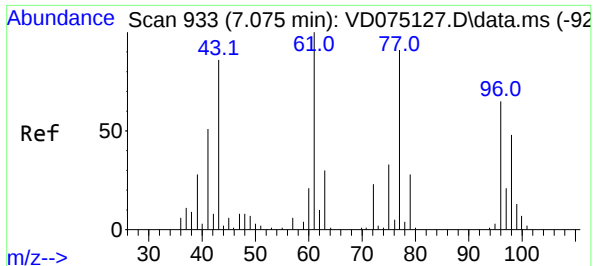


#25
2-Butanone
Concen: 8.713 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 43 Resp: 1925

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8





#26

2,2-Dichloropropane

Concen: 2.039 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075172.D

Acq: 23 Jan 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

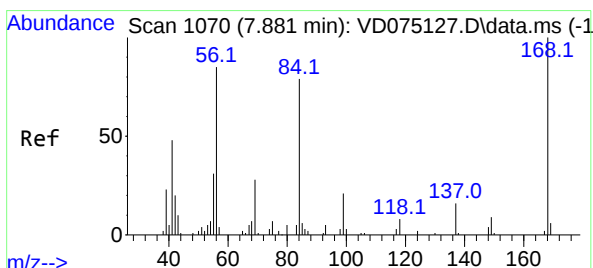
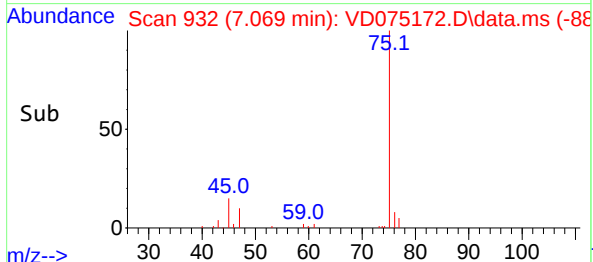
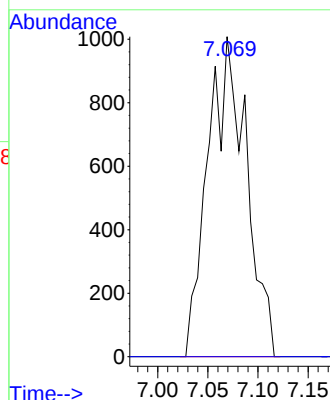
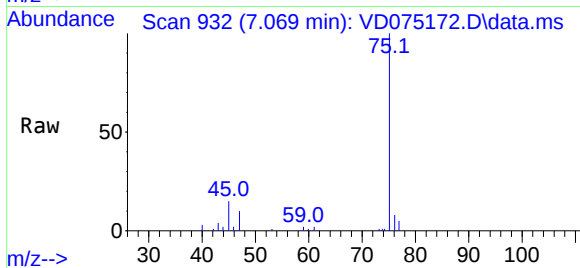
B-P34A

Tgt Ion: 77 Resp: 2684

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.0#



#31

Cyclohexane

Concen: 1.576 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075172.D

Acq: 23 Jan 2023 13:36

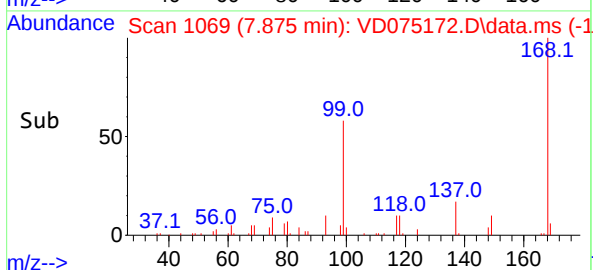
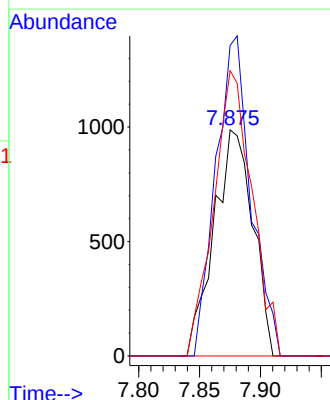
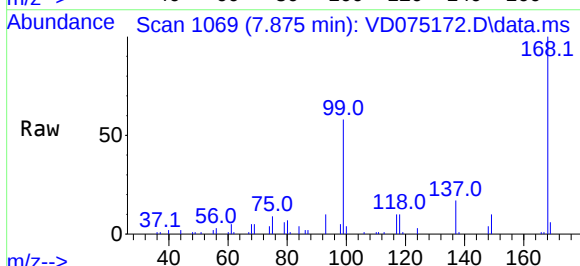
Tgt Ion: 56 Resp: 2191

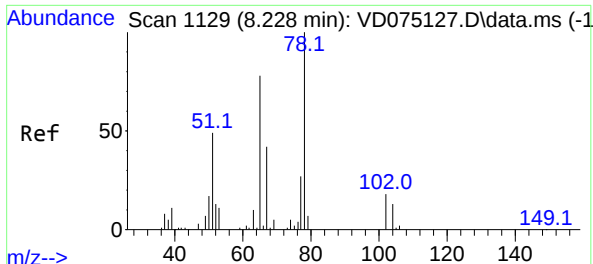
Ion Ratio Lower Upper

56 100

69 137.3 26.6 40.0#

84 126.1 74.1 111.1#

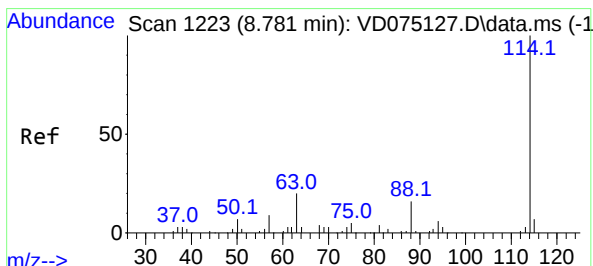
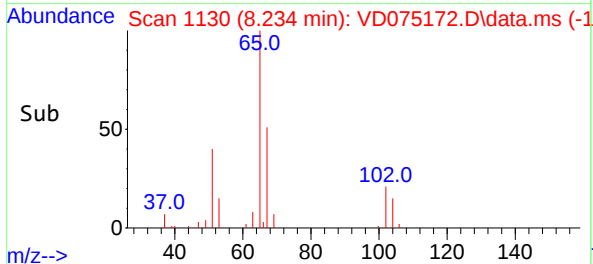
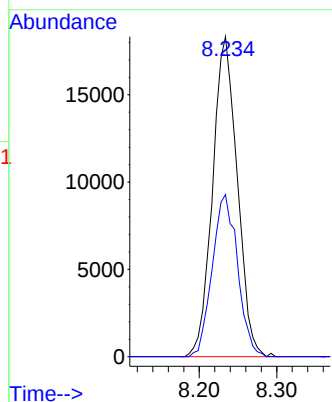
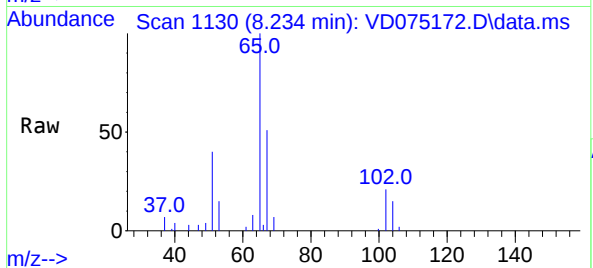




#33
1,2-Dichloroethane-d4
Concen: 58.487 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

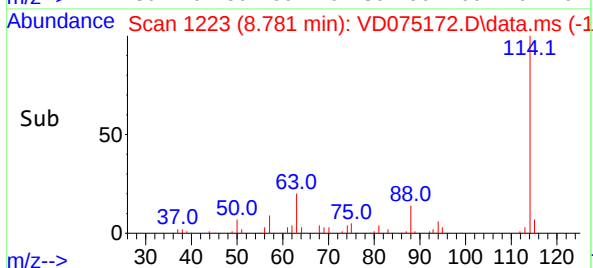
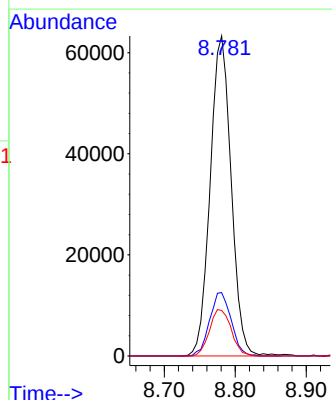
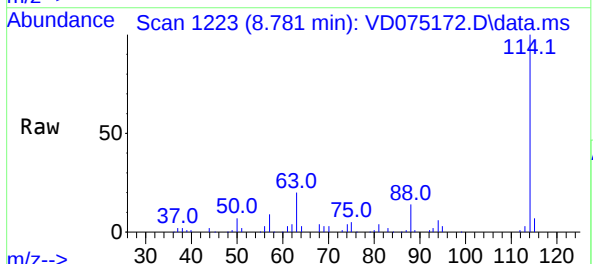
Instrument :
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B-P34A

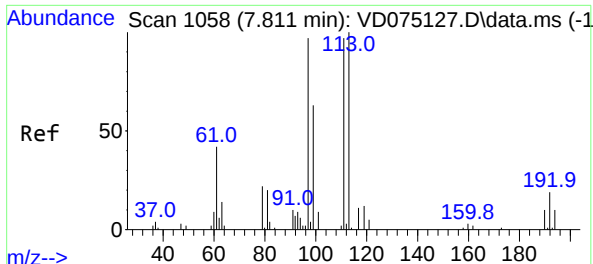
Tgt Ion: 65 Resp: 40536
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 114 Resp: 129748
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 14.2 0.0 32.2

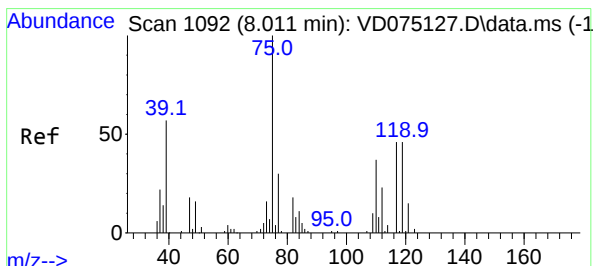
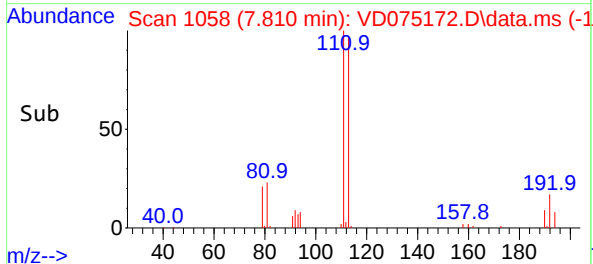
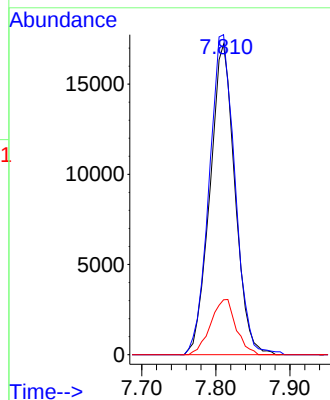
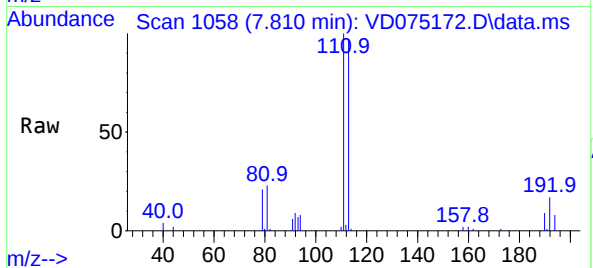




#35
Dibromofluoromethane
Concen: 51.386 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

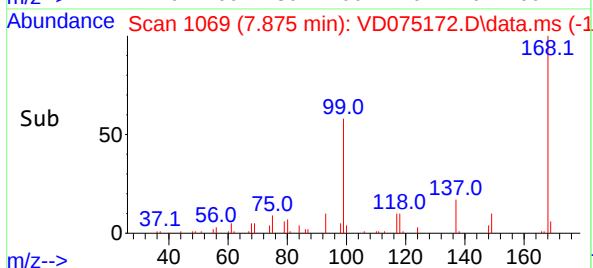
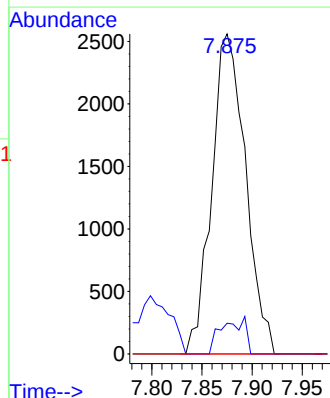
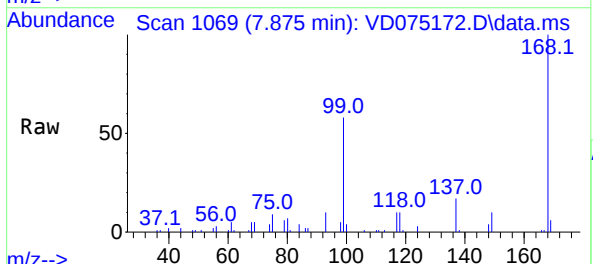
Instrument :
MSVOA_D
ClientSampleId :
B-P34A

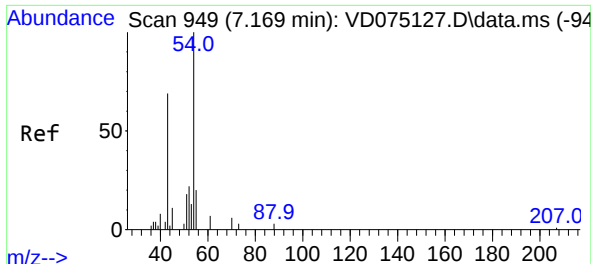
Tgt Ion:	113	Resp:	40288
Ion	Ratio	Lower	Upper
113	100		
111	106.3	80.1	120.1
192	18.1	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion:	75	Resp:	5998
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 3.793 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.100 min

Lab File: VD075172.D

Acq: 23 Jan 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

B-P34A

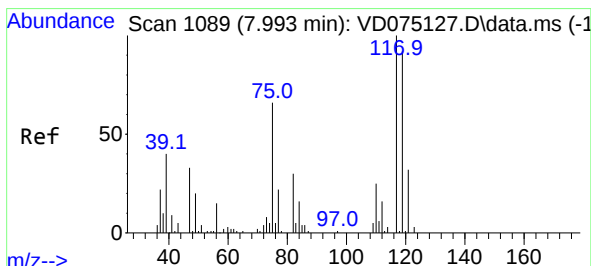
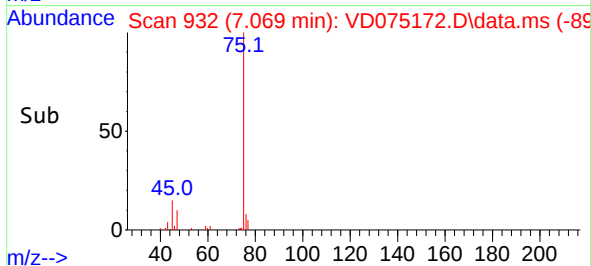
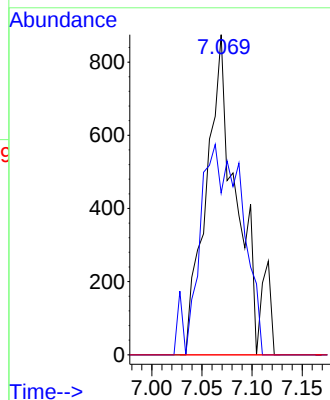
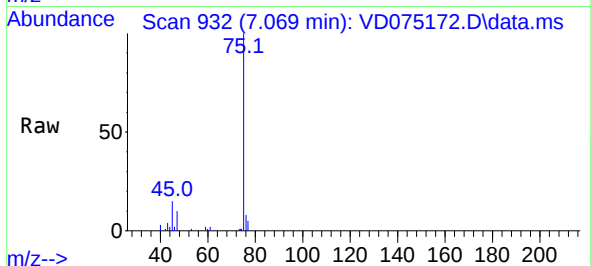
Tgt Ion: 43 Resp: 1925

Ion Ratio Lower Upper

43 100

61 47.2 11.7 17.5#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 6.620 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075172.D

Acq: 23 Jan 2023 13:36

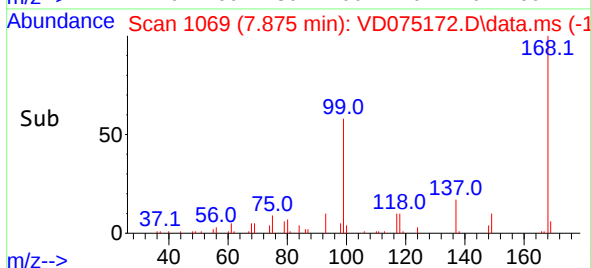
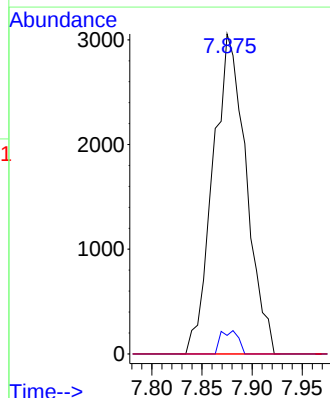
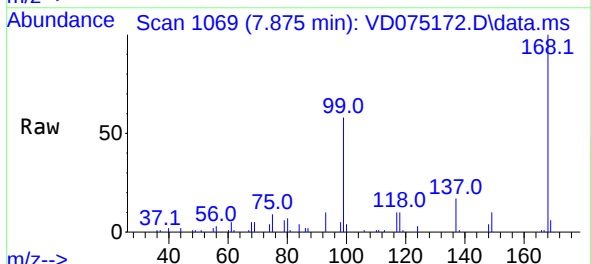
Tgt Ion: 117 Resp: 7021

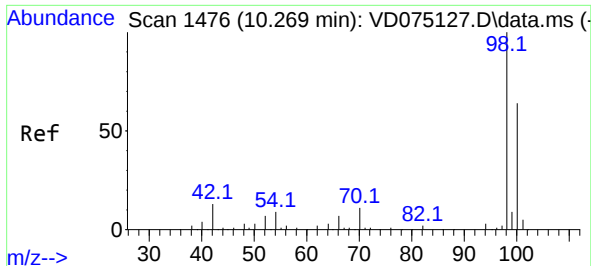
Ion Ratio Lower Upper

117 100

119 5.8 73.6 110.4#

121 0.0 25.4 38.0#

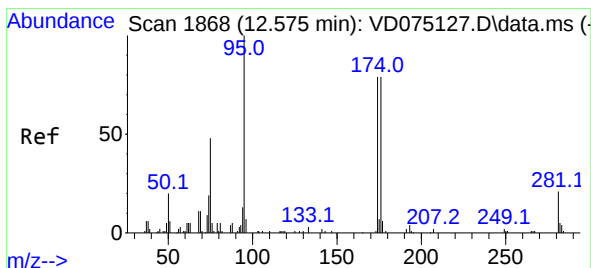
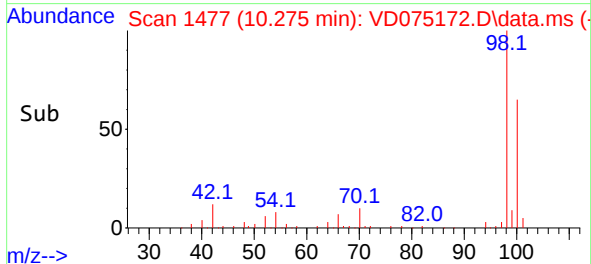
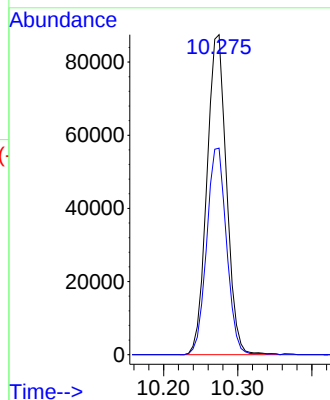
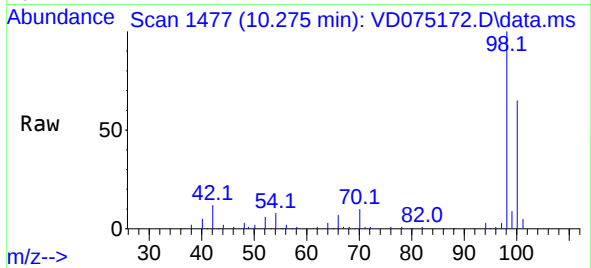




#50
Toluene-d8
Concen: 52.104 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

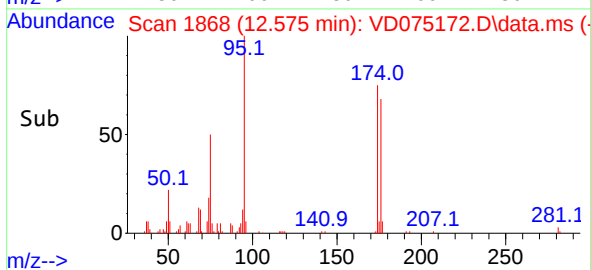
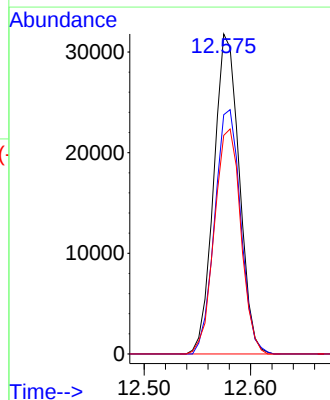
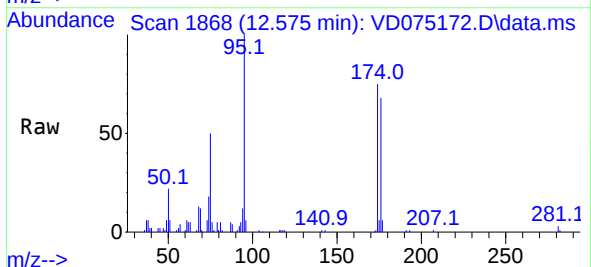
Instrument :
MSVOA_D
ClientSampleId :
B-P34A

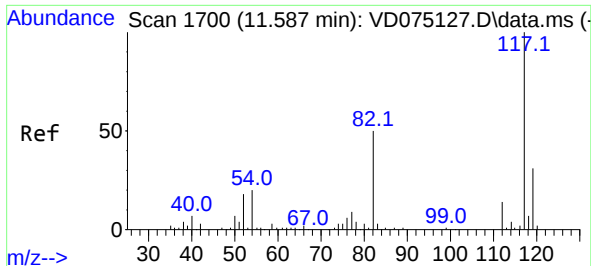
Tgt Ion: 98 Resp: 160846
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.784 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 95 Resp: 52693
Ion Ratio Lower Upper
95 100
174 78.0 0.0 161.2
176 73.1 0.0 160.2

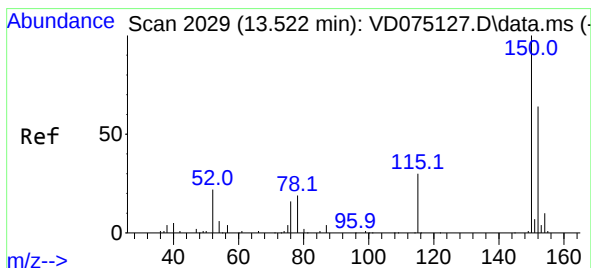
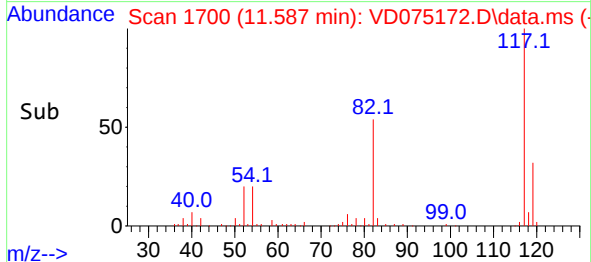
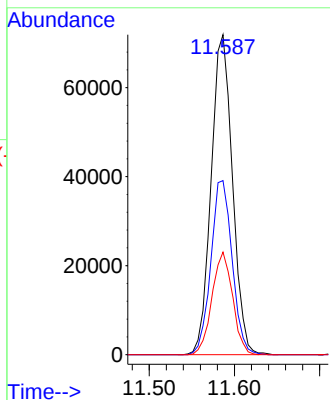
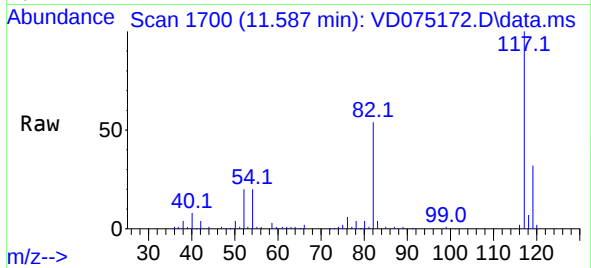




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

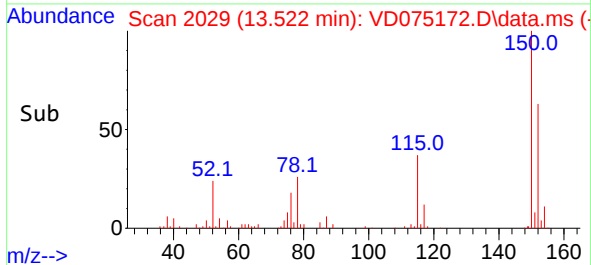
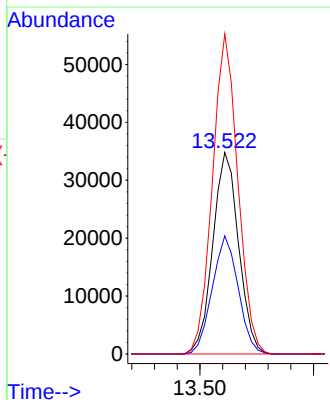
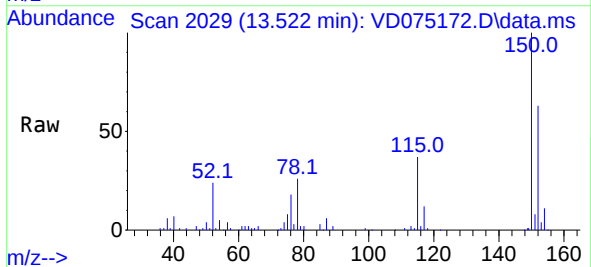
Instrument :
MSVOA_D
ClientSampleId :
B-P34A

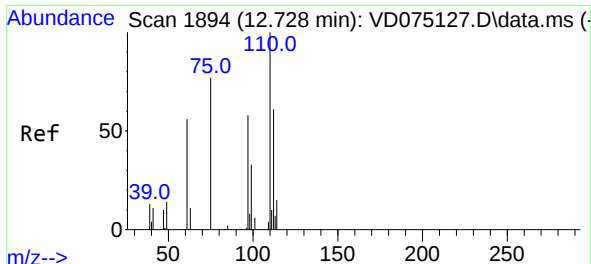
Tgt Ion:117 Resp: 124838
Ion Ratio Lower Upper
117 100
82 54.4 39.6 59.4
119 32.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion:152 Resp: 54879
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.4
150 156.4 0.0 348.6

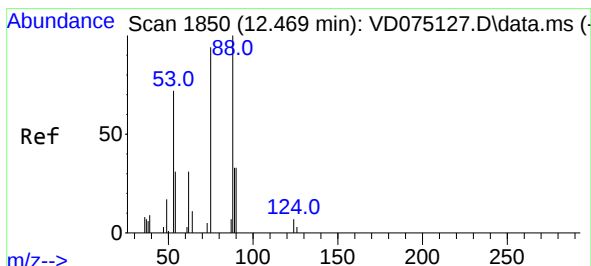
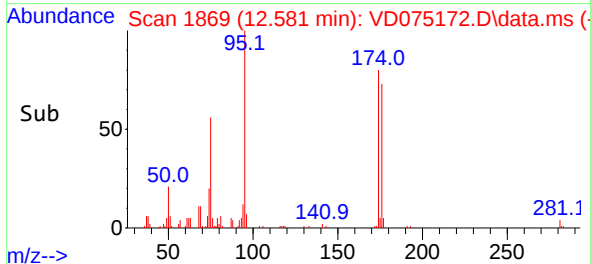
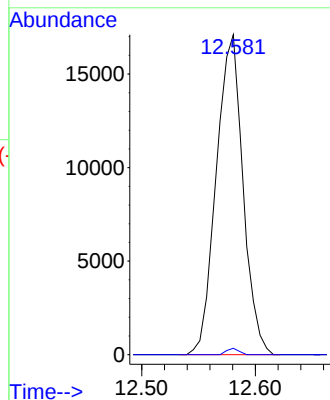
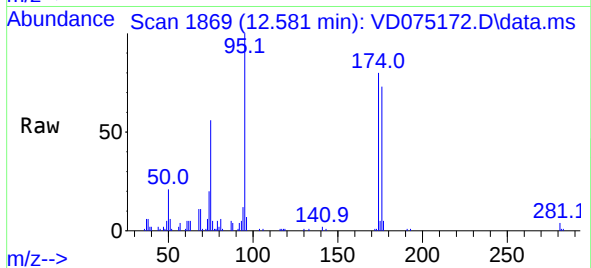




#76
1,2,3-Trichloropropane
Concen: 60.131 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :
B-P34A

Tgt Ion: 75 Resp: 27948
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.479 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 75 Resp: 27948
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

