

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075309.D
 Acq On : 10 Feb 2023 14:38
 Operator : KP/SY
 Sample : 01508-07
 Misc : 3.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 10 23:39:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

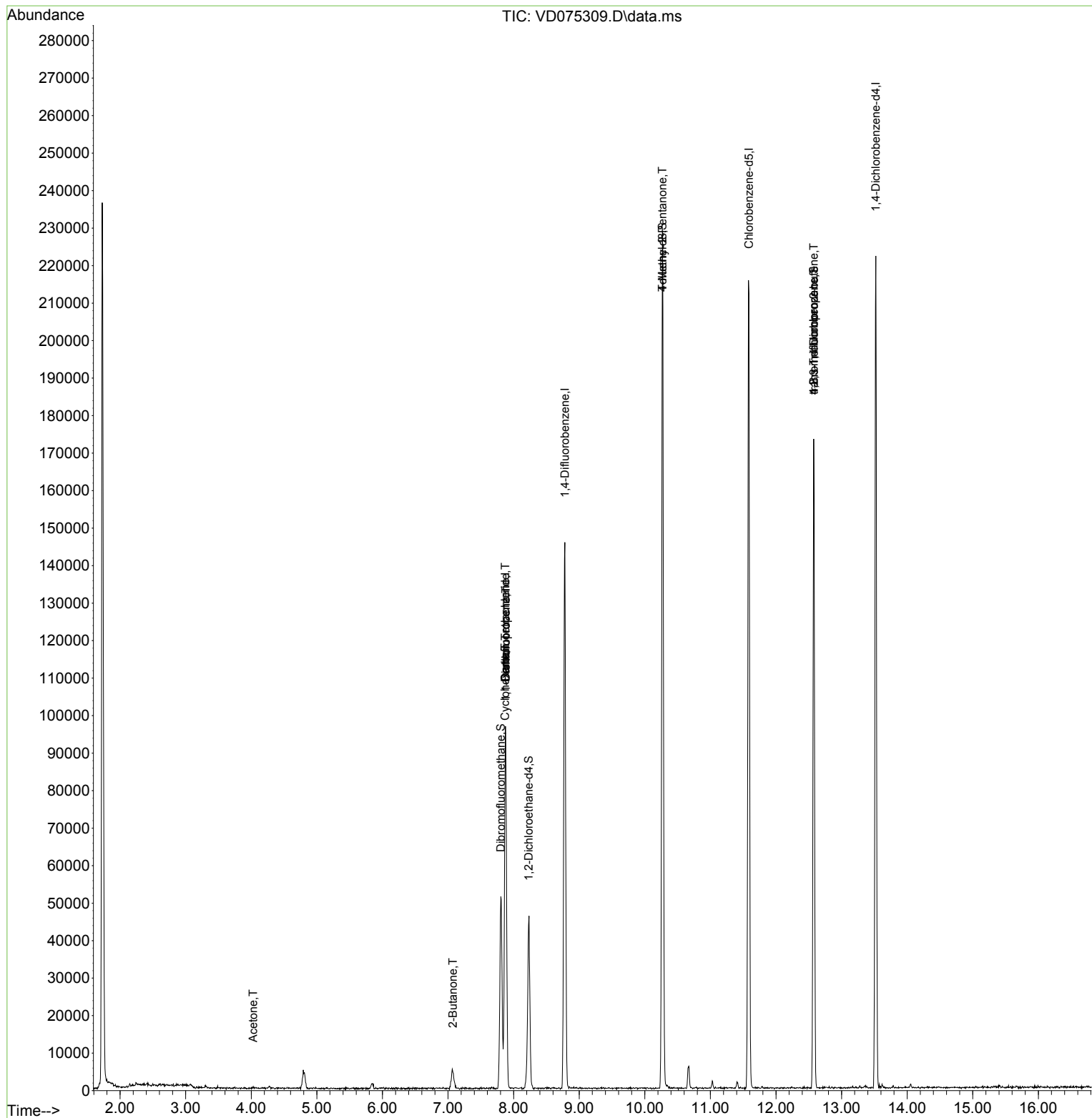
Internal Standards						
1) Pentafluorobenzene	7.875	168	71400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	122421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	122533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34075	40.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.400%
35) Dibromofluoromethane	7.805	113	36514	42.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.080%
50) Toluene-d8	10.269	98	149243	45.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.575	95	51032	47.541	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	58	Below Cal	#	43
3) Chloromethane	2.146	50	328	Below Cal	#	41
16) Acetone	4.028	43	229	1.034	ug/l #	42
20) Methylene Chloride	4.793	84	3286	Below Cal		94
25) 2-Butanone	7.075	43	292	1.065	ug/l #	50
31) Cyclohexane	7.869	56	1987	1.337	ug/l #	45
36) 1,1-Dichloropropene	7.881	75	5984	4.475	ug/l #	48
38) Carbon Tetrachloride	7.875	117	7577	6.115	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	887	1.574	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	27667	42.949	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	27667	135.665	ug/l #	14

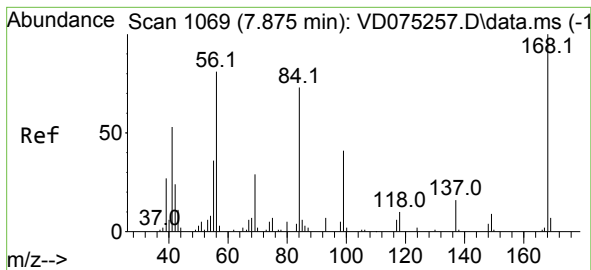
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075309.D

Acq: 10 Feb 2023 14:38

Instrument :

MSVOA_D

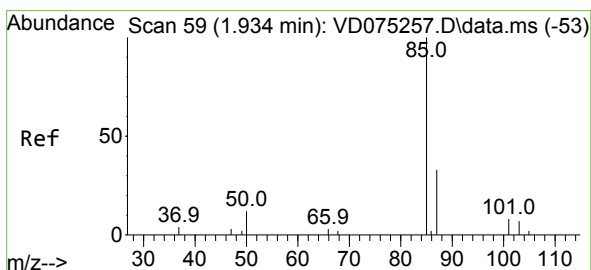
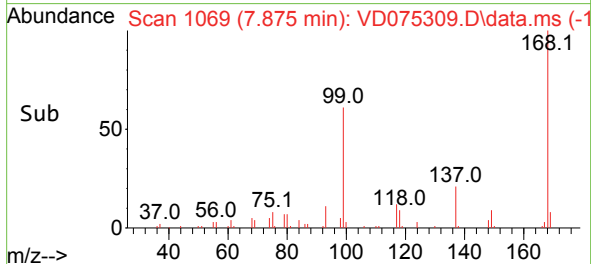
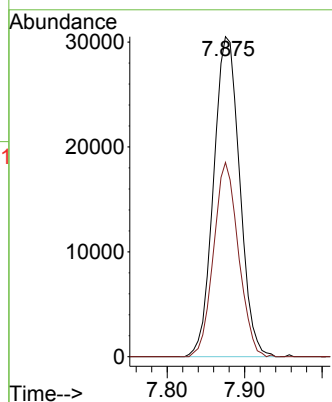
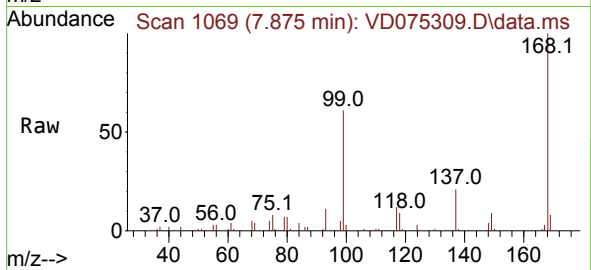
ClientSampleId :

Tgt Ion:168 Resp: 71400

Ion Ratio Lower Upper

168 100

99 60.7 45.2 67.8



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075309.D

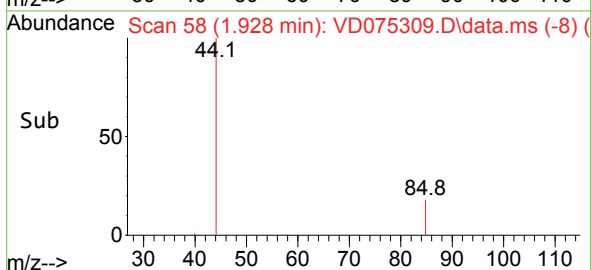
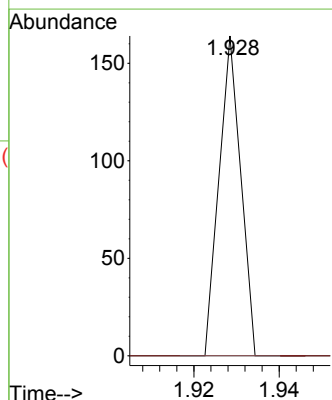
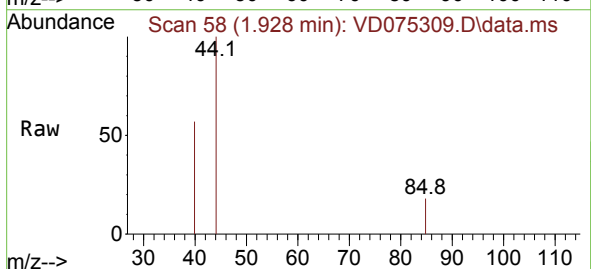
Acq: 10 Feb 2023 14:38

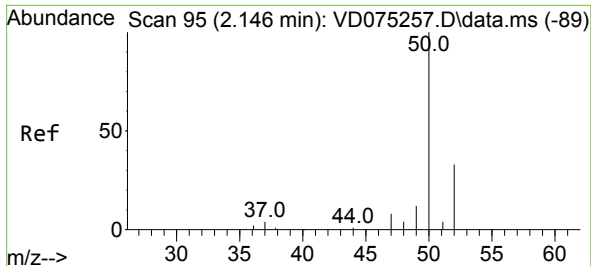
Tgt Ion: 85 Resp: 58

Ion Ratio Lower Upper

85 100

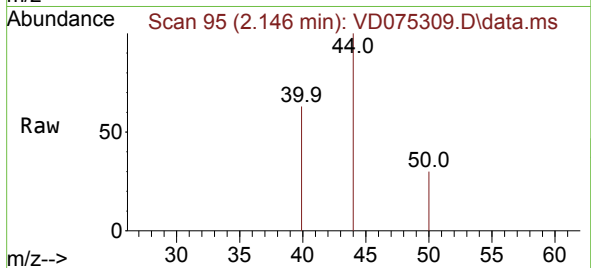
87 0.0 15.7 47.0#



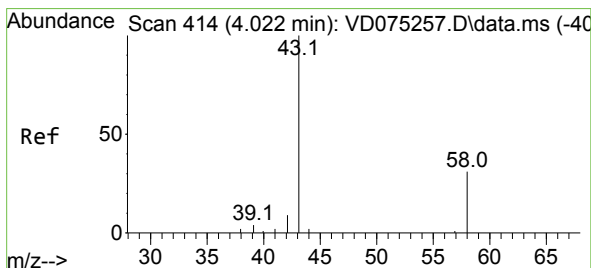
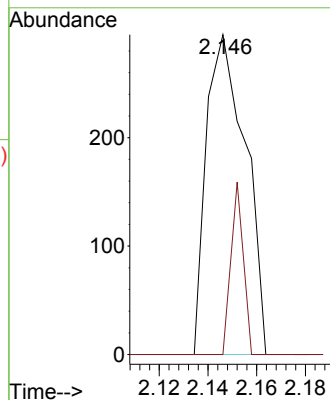
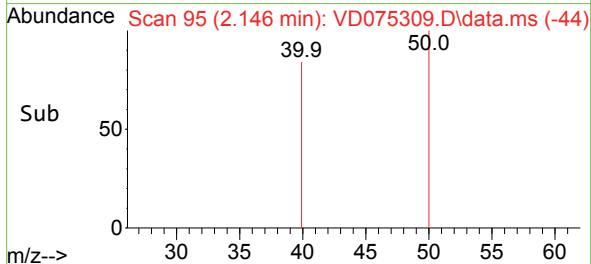


#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Instrument :
MSVOA_D
ClientSampleId :

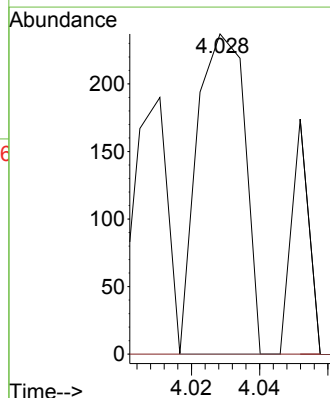
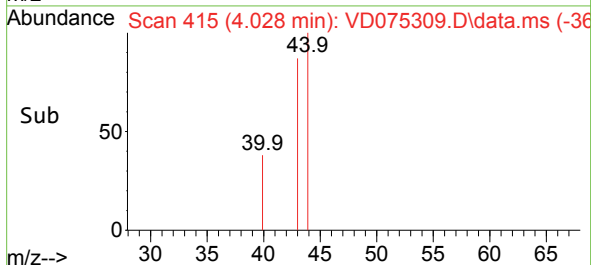
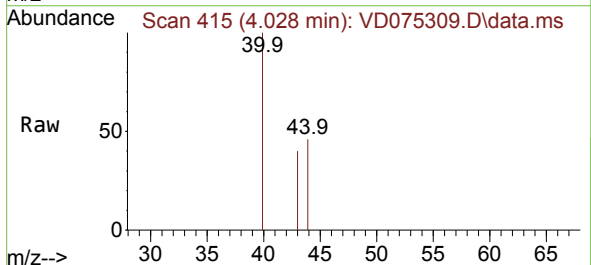


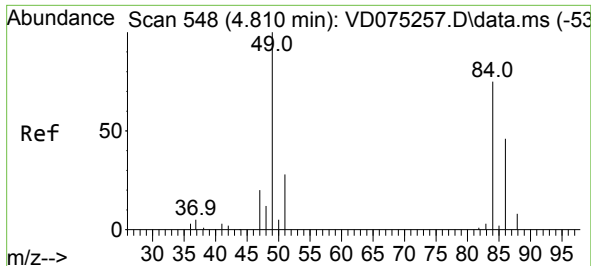
Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



#16
Acetone
Concen: 1.034 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

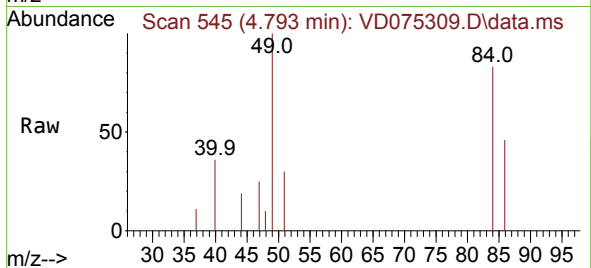
Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



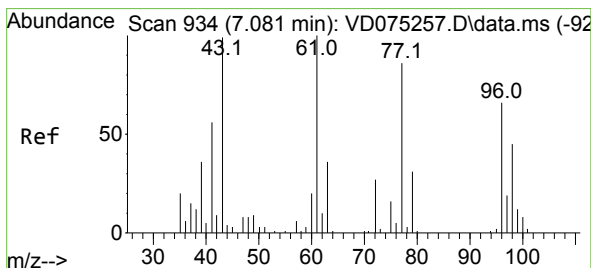
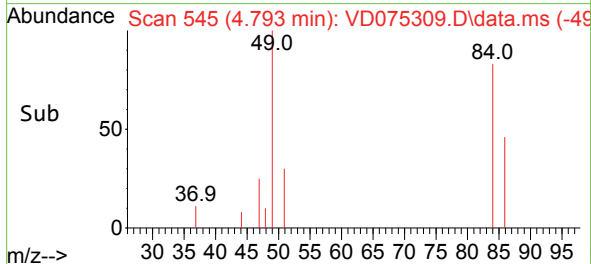
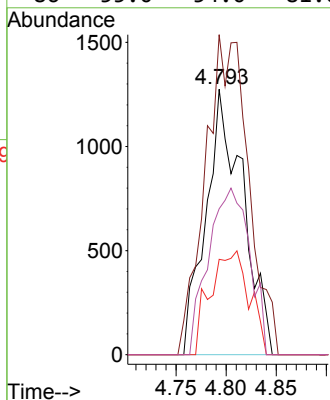


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.017 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Instrument :
MSVOA_D
ClientSampleId :

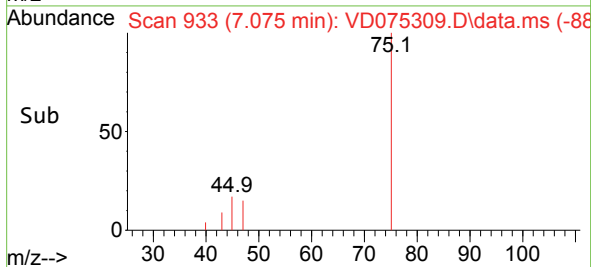
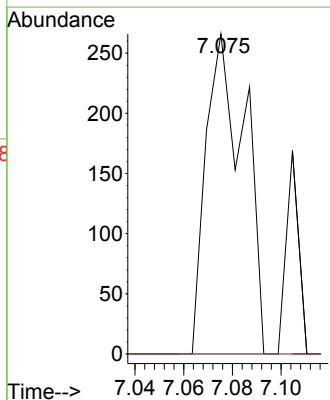
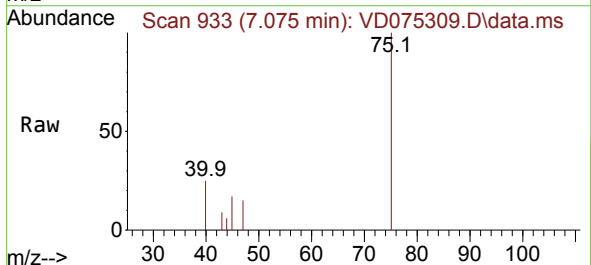


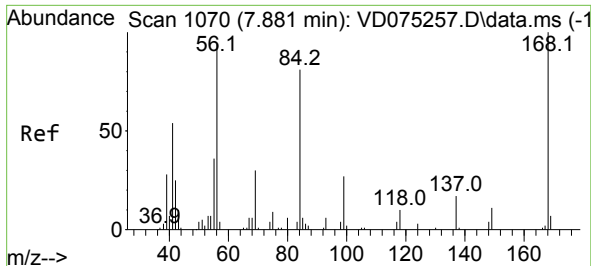
Tgt Ion: 84	Resp:	3286	
Ion	Ratio	Lower	Upper
84	100		
49	120.5	97.0	145.6
51	35.9	30.9	46.3
86	55.0	54.0	81.0



#25
2-Butanone
Concen: 1.065 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

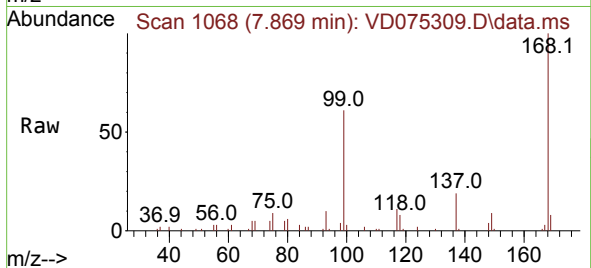
Tgt Ion: 43	Resp:	292	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



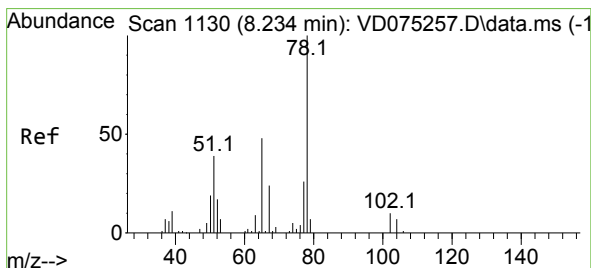
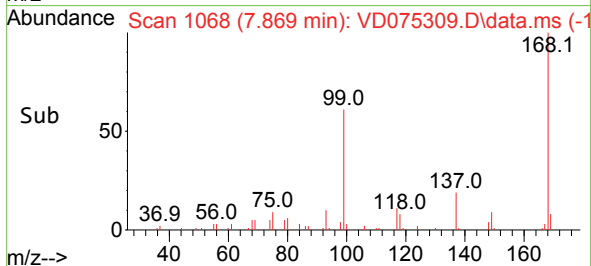
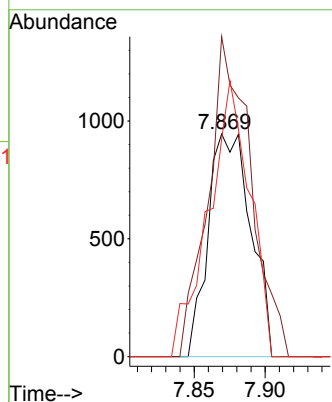


#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Instrument :
MSVOA_D
ClientSampleId :

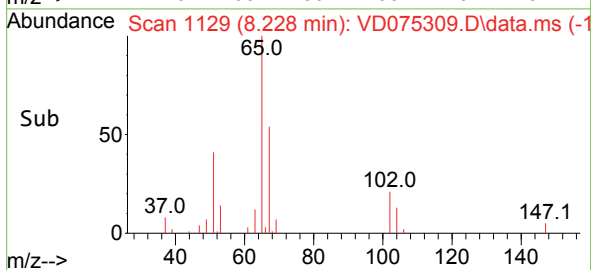
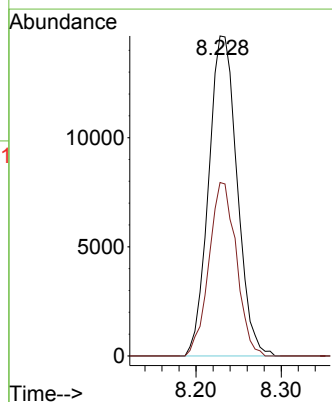
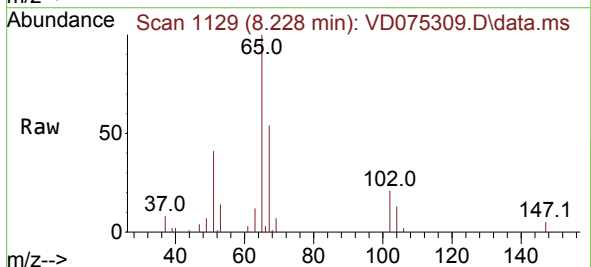


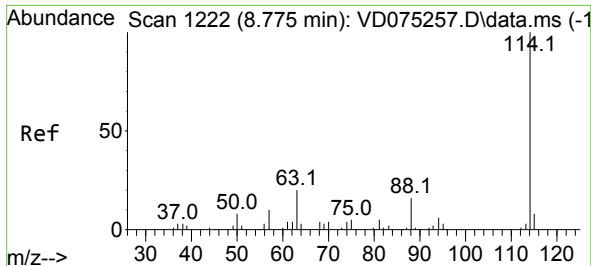
Tgt Ion: 56 Resp: 1987
Ion Ratio Lower Upper
56 100
69 143.7 26.6 40.0#
84 97.7 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 40.700 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Tgt Ion: 65 Resp: 34075
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075309.D

Acq: 10 Feb 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

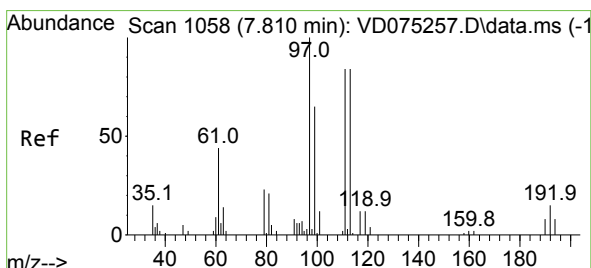
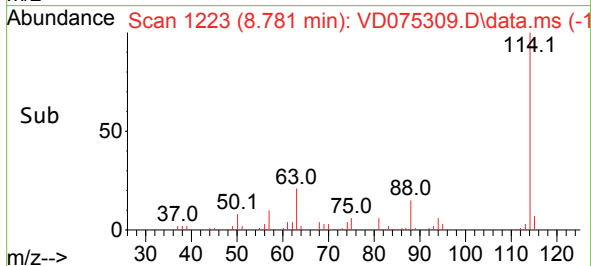
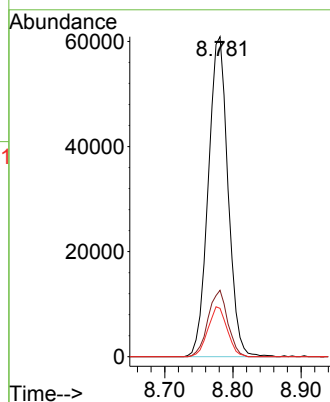
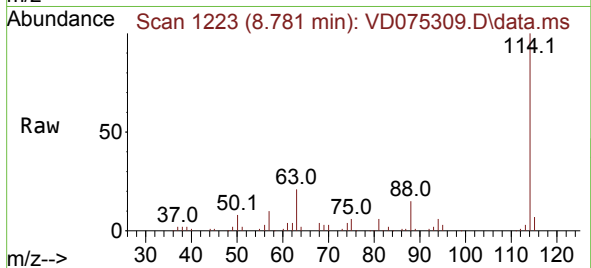
Tgt Ion:114 Resp: 122421

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 42.537 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075309.D

Acq: 10 Feb 2023 14:38

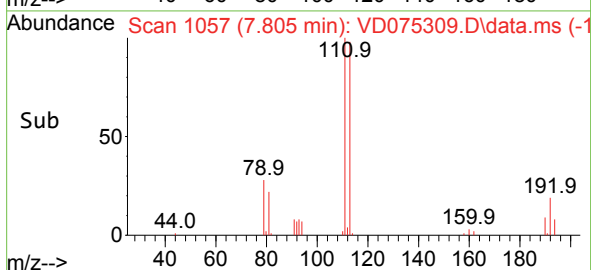
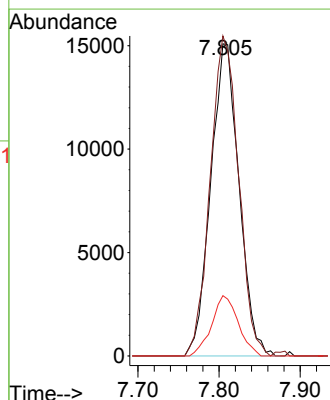
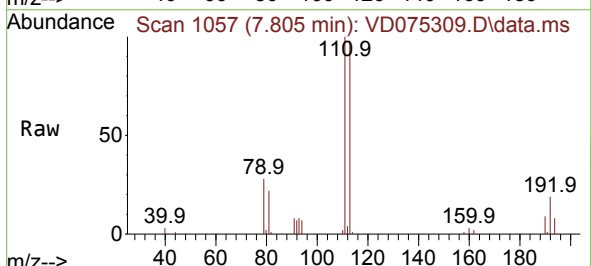
Tgt Ion:113 Resp: 36514

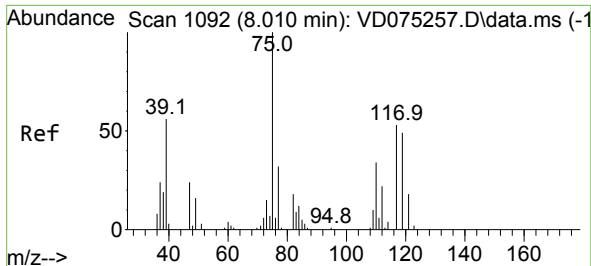
Ion Ratio Lower Upper

113 100

111 102.8 80.1 120.1

192 18.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.475 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

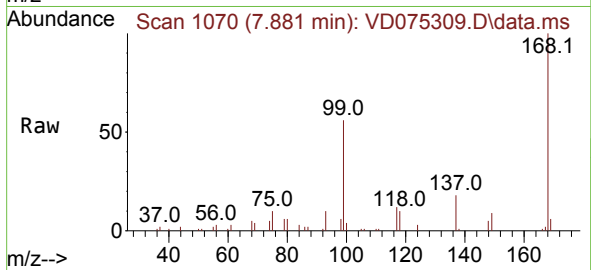
Lab File: VD075309.D

Acq: 10 Feb 2023 14:38

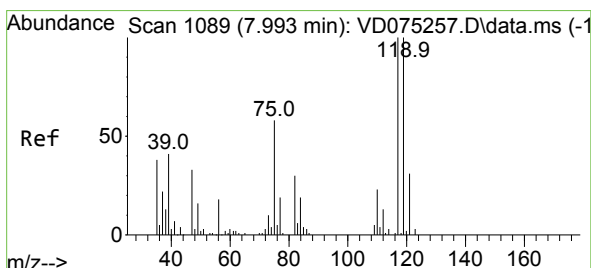
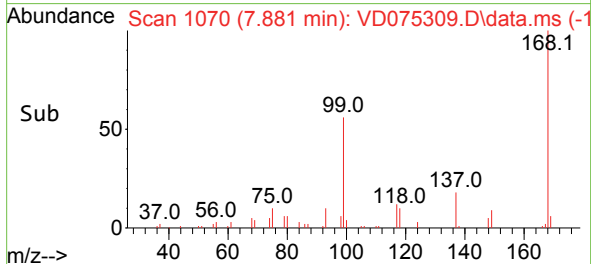
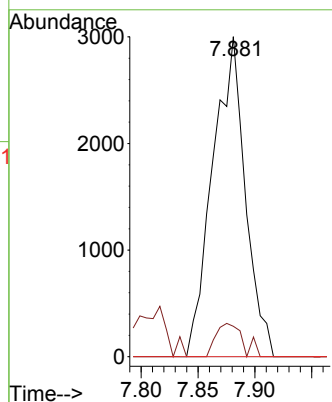
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 5984
Ion Ratio	Lower Upper
75	100
110	8.6 18.1 54.4#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.115 ug/l

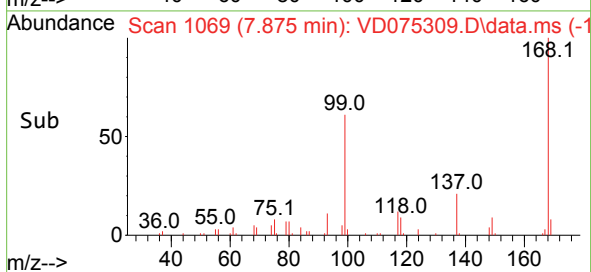
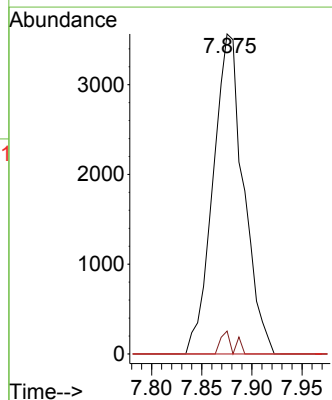
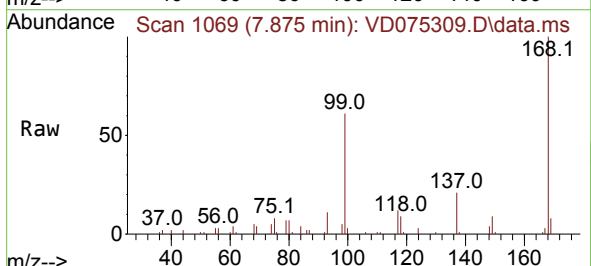
RT: 7.875 min Scan# 1069

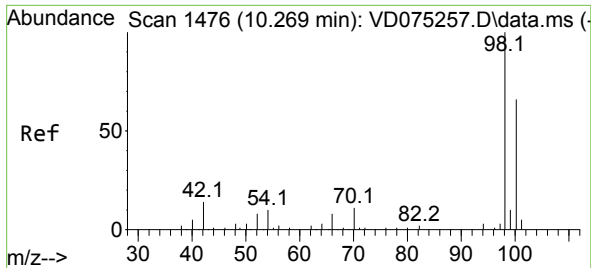
Delta R.T. -0.118 min

Lab File: VD075309.D

Acq: 10 Feb 2023 14:38

Tgt Ion: 117	Resp: 7577
Ion Ratio	Lower Upper
117	100
119	7.2 73.6 110.4#
121	0.0 25.4 38.0#

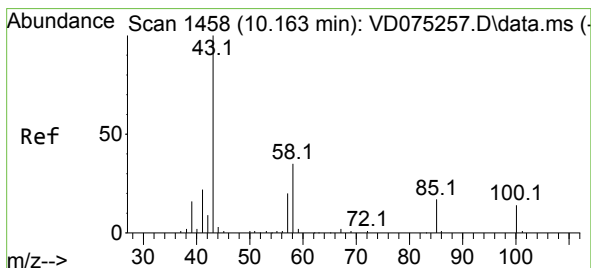
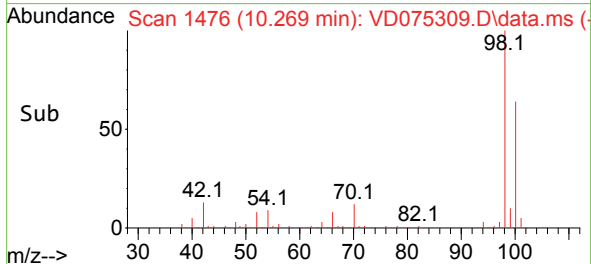
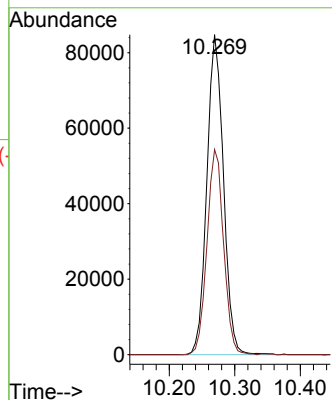
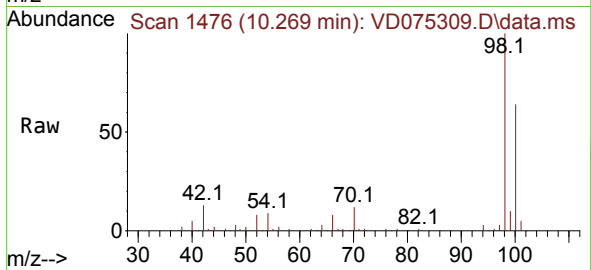




#50
Toluene-d8
Concen: 45.845 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

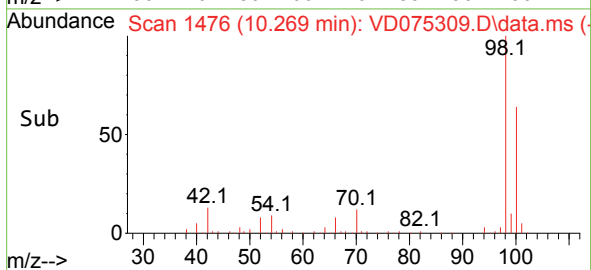
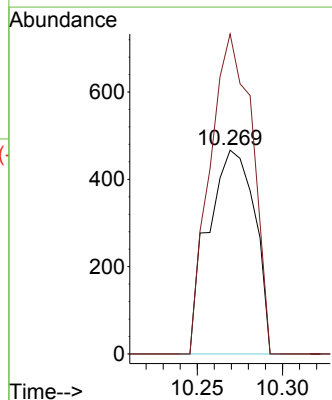
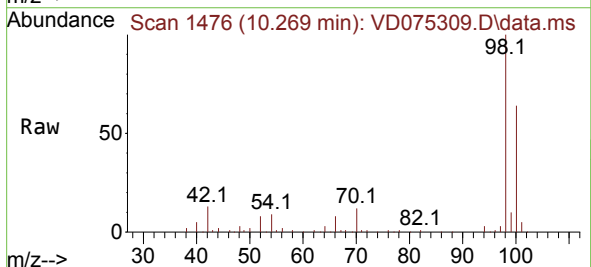
Instrument :
MSVOA_D
ClientSampleId :

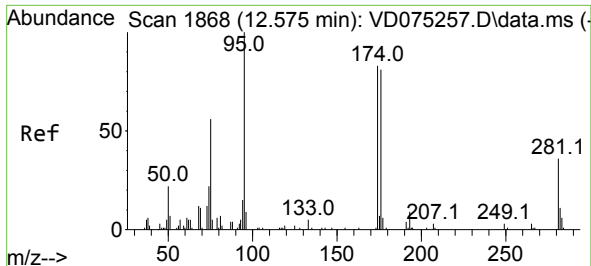
Tgt Ion: 98 Resp: 149243
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.574 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 142.6 31.4 47.0#

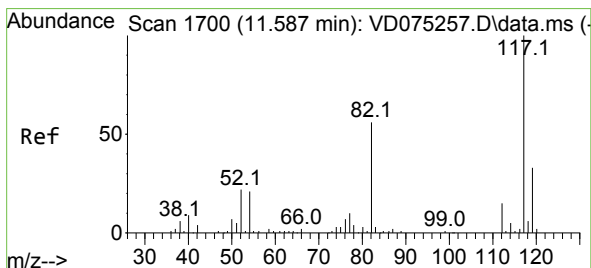
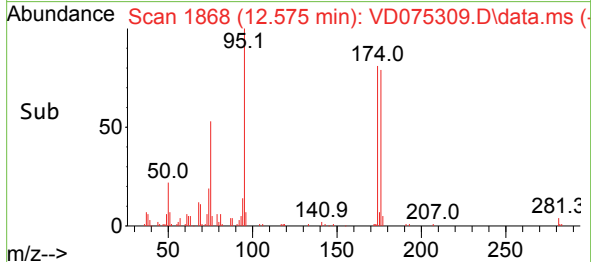
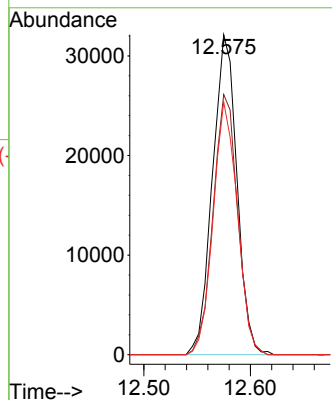
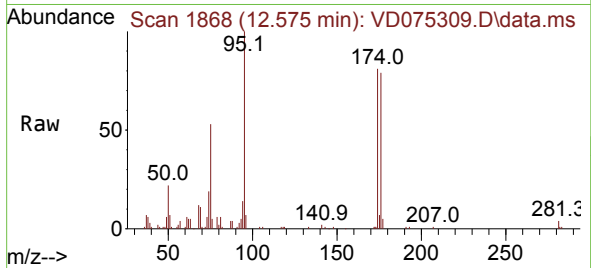




#62
4-Bromofluorobenzene
Concen: 47.541 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

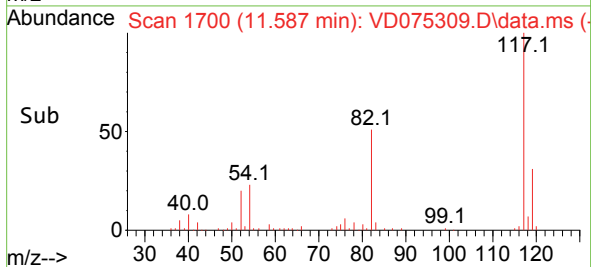
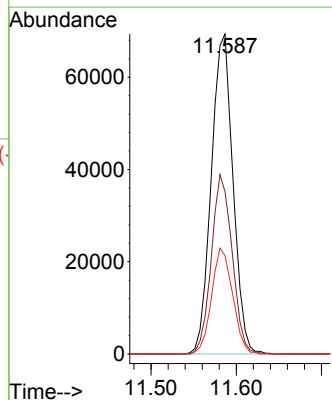
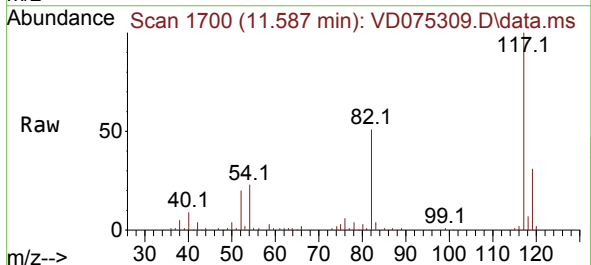
Instrument :
MSVOA_D
ClientSampleId :

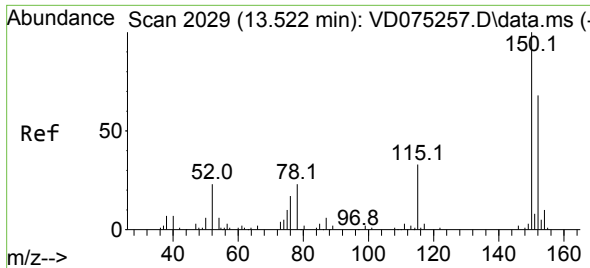
Tgt Ion: 95 Resp: 51032
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.2
176 78.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075309.D
Acq: 10 Feb 2023 14:38

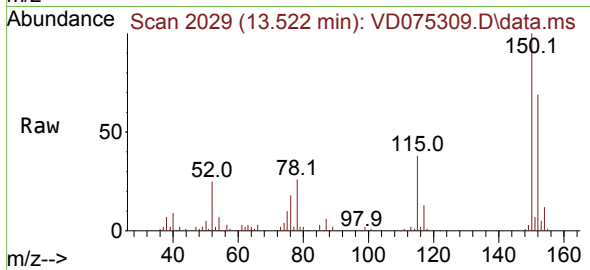
Tgt Ion: 117 Resp: 122533
Ion Ratio Lower Upper
117 100
82 50.8 39.6 59.4
119 30.7 24.6 37.0



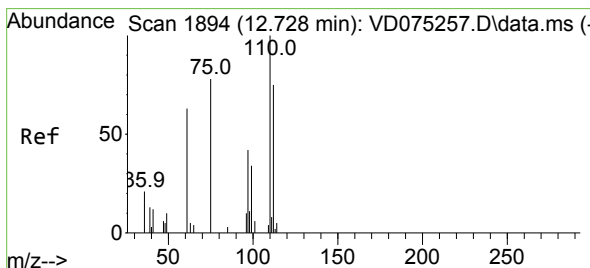
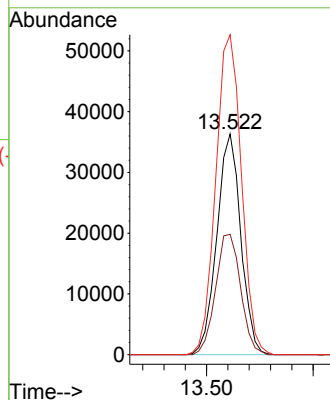
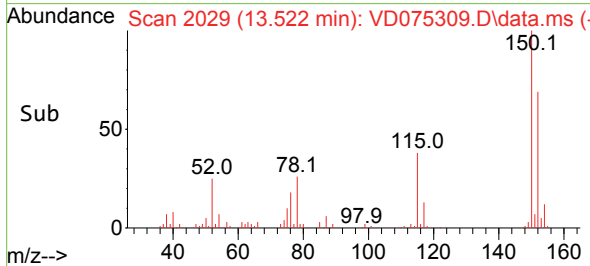


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075309.D
 Acq: 10 Feb 2023 14:38

Instrument :
 MSVOA_D
 ClientSampleId :

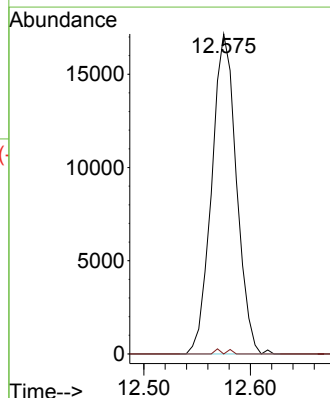
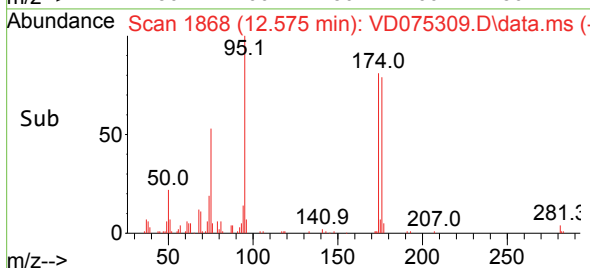
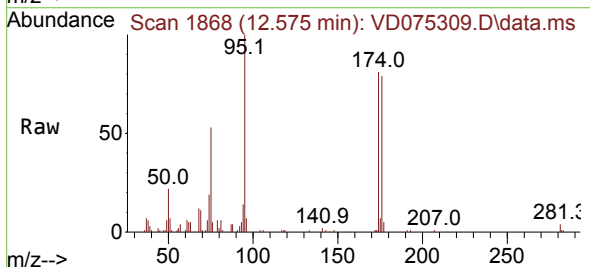


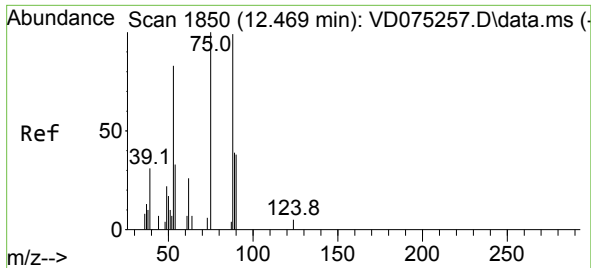
Tgt Ion:152 Resp: 56714
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.4
 150 154.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 42.949 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075309.D
 Acq: 10 Feb 2023 14:38

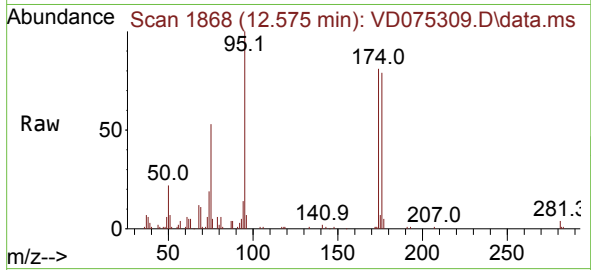
Tgt Ion: 75 Resp: 27667
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.665 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075309.D
 Acq: 10 Feb 2023 14:38

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	27667
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

