

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076817.D
 Acq On : 26 Jul 2023 20:34
 Operator : KP/SY
 Sample : 03769-14
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

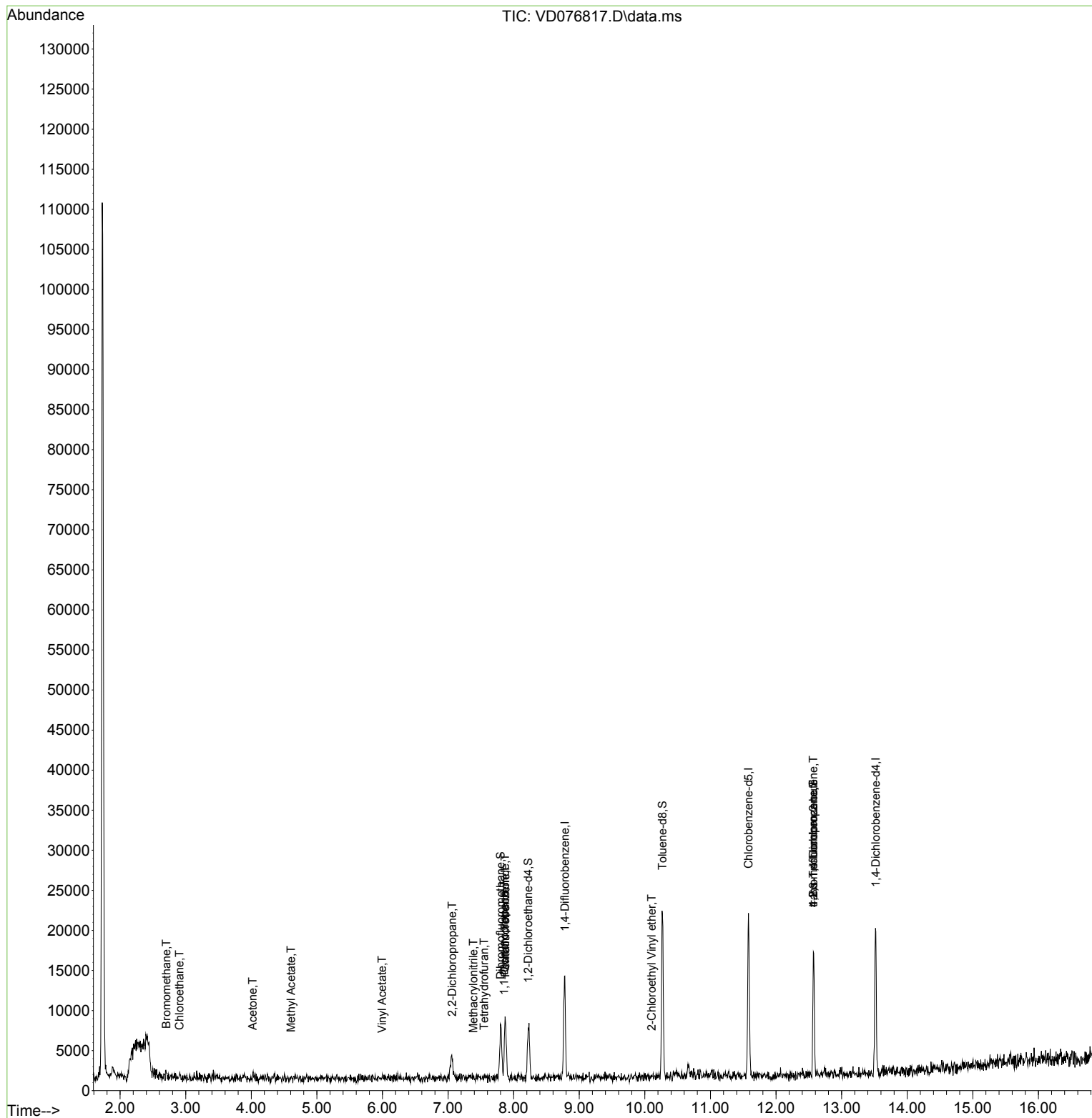
Internal Standards						
1) Pentafluorobenzene	7.875	168	6368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	12300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	13124	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	5684	89.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.220%#	
35) Dibromofluoromethane	7.798	113	5256	68.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.000%	
50) Toluene-d8	10.269	98	15989	57.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.640%	
62) 4-Bromofluorobenzene	12.569	95	4974	55.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.705	94	444	4.713	ug/l	84
6) Chloroethane	2.905	64	116	1.342	ug/l #	43
16) Acetone	4.022	43	376	24.822	ug/l #	32
18) Methyl Acetate	4.605	43	95	1.669	ug/l #	42
20) Methylene Chloride	4.799	84	66	Below Cal	#	17
23) Vinyl Acetate	5.993	43	102	1.053	ug/l #	63
26) 2,2-Dichloropropane	7.063	77	187	1.644	ug/l #	49
29) Tetrahydrofuran	7.551	42	74	6.178	ug/l #	23
36) 1,1-Dichloropropene	7.857	75	312	3.089	ug/l #	39
38) Carbon Tetrachloride	7.869	117	534	5.522	ug/l #	11
41) Methacrylonitrile	7.387	41	64	2.320	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.104	63	57	1.814	ug/l #	43
76) 1,2,3-Trichloropropane	12.569	75	2455	44.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	2455	95.550	ug/l #	17

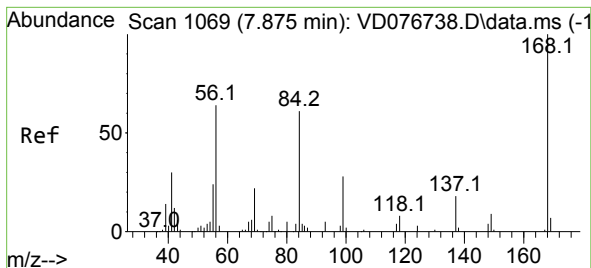
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
Data File : VD076817.D
Acq On : 26 Jul 2023 20:34
Operator : KP/SY
Sample : 03769-14
Misc : 4.99G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 27 04:27:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

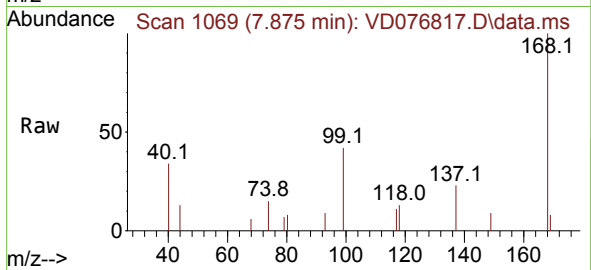
Lab File: VD076817.D

Acq: 26 Jul 2023 20:34

Instrument :

MSVOA_D

ClientSampleId :

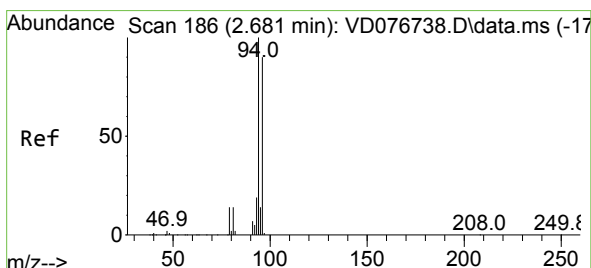
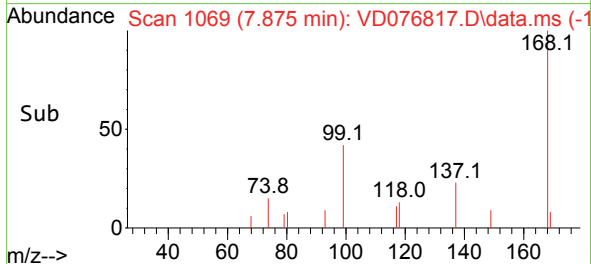
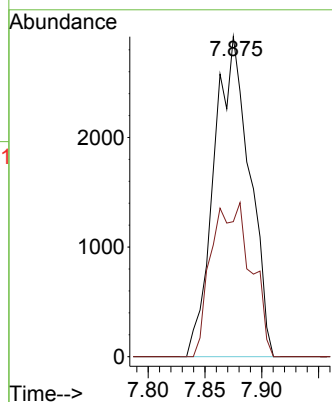


Tgt Ion:168 Resp: 6368

Ion Ratio Lower Upper

168 100

99 42.2 36.7 55.1



#5

Bromomethane

Concen: 4.713 ug/l

RT: 2.705 min Scan# 190

Delta R.T. 0.024 min

Lab File: VD076817.D

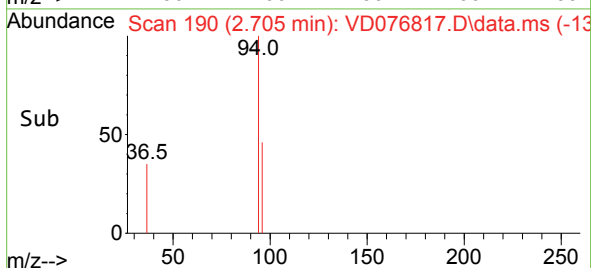
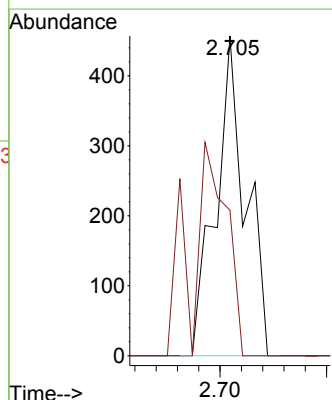
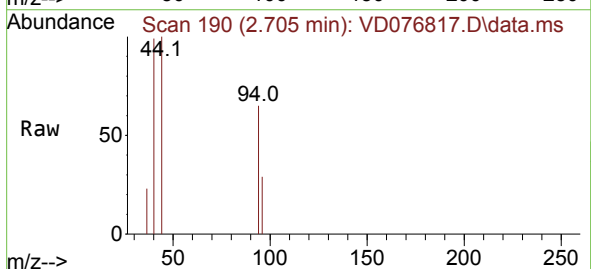
Acq: 26 Jul 2023 20:34

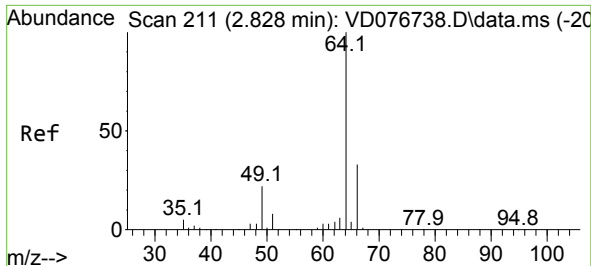
Tgt Ion: 94 Resp: 444

Ion Ratio Lower Upper

94 100

96 78.8 75.8 113.8

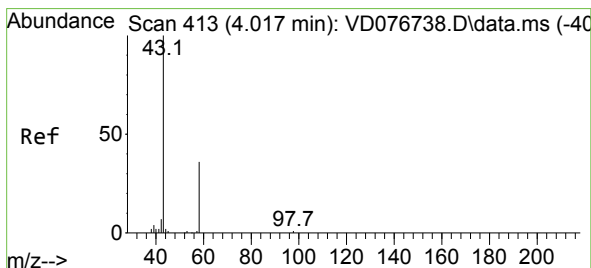
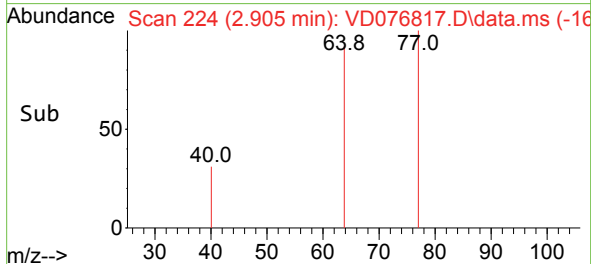
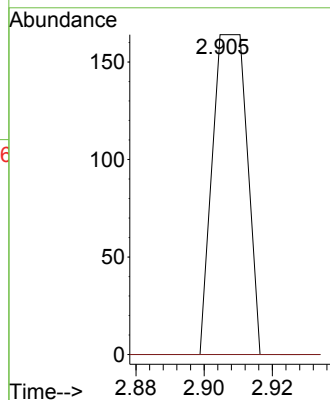
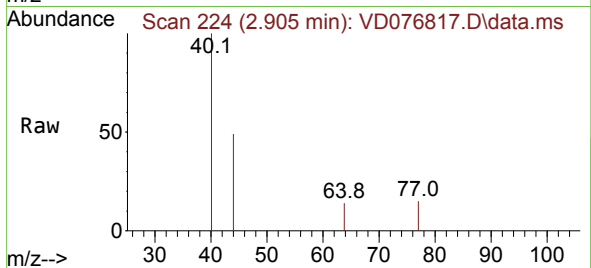




#6
Chloroethane
Concen: 1.342 ug/l
RT: 2.905 min Scan# 211
Delta R.T. 0.077 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

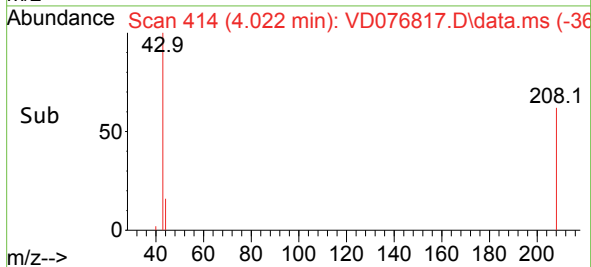
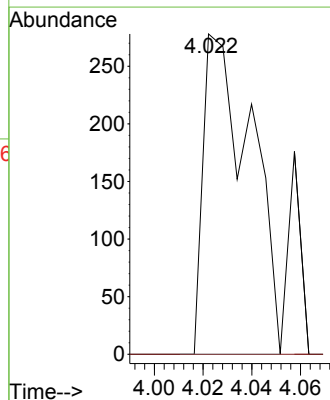
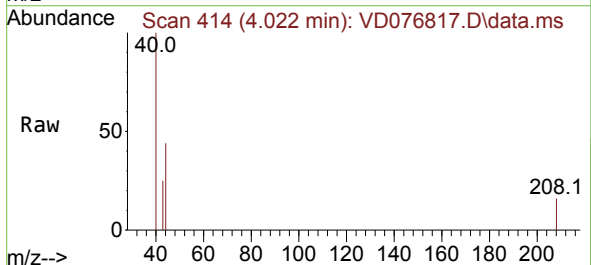
Instrument :
MSVOA_D
ClientSampleId :

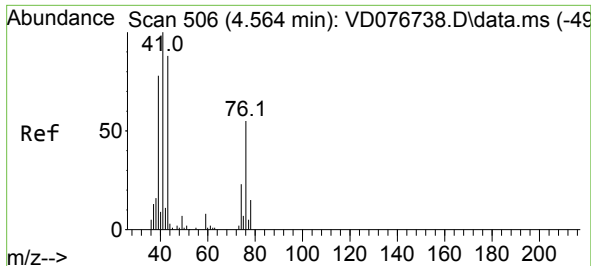
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#16
Acetone
Concen: 24.822 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

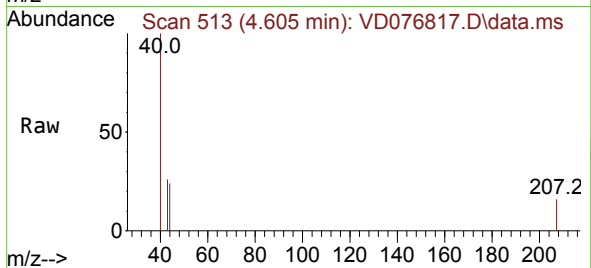
Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



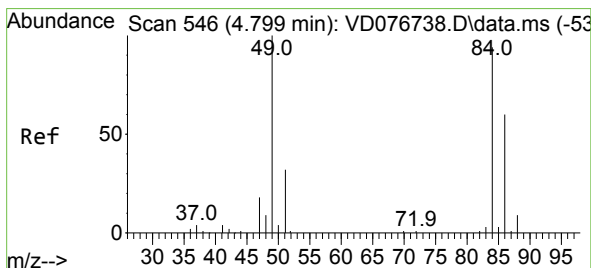
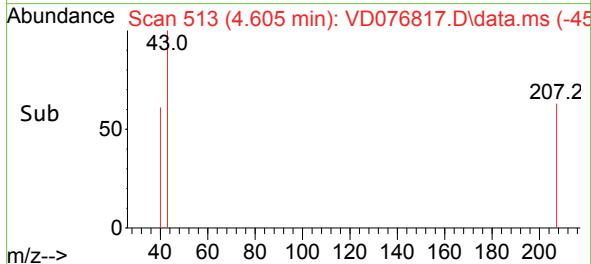
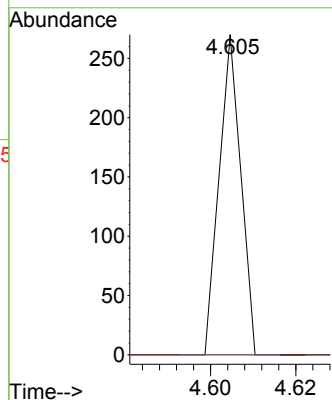


#18
Methyl Acetate
Concen: 1.669 ug/l
RT: 4.605 min Scan# 513
Delta R.T. 0.041 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Instrument :
MSVOA_D
ClientSampleId :

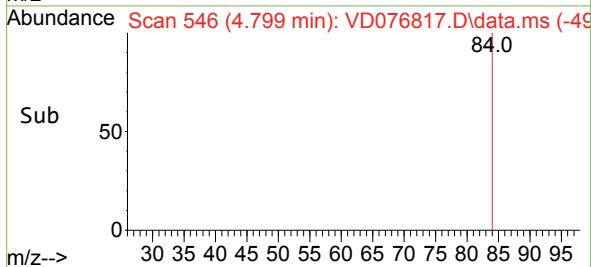
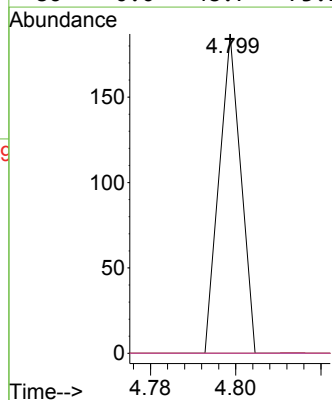
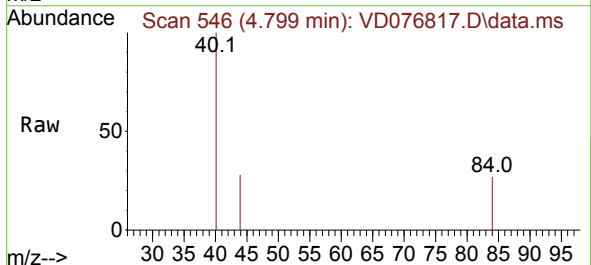


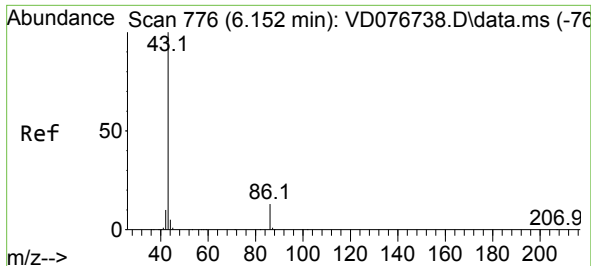
Tgt Ion: 43 Resp: 95
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

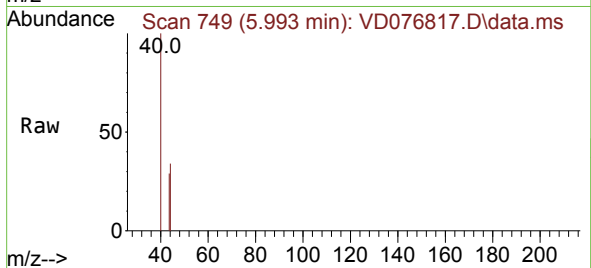
Tgt Ion: 84 Resp: 66
Ion Ratio Lower Upper
84 100
49 0.0 71.4 107.2#
51 0.0 24.5 36.7#
86 0.0 48.7 73.1#



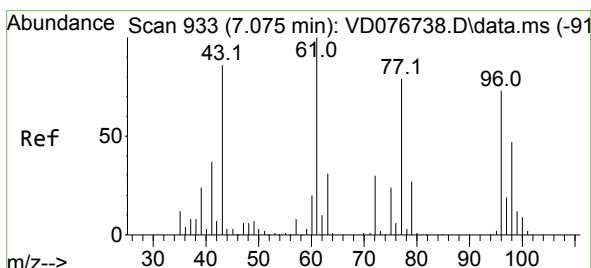
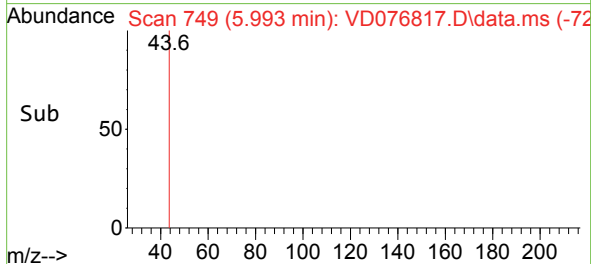
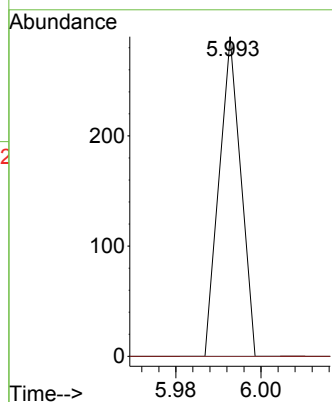


#23
 Vinyl Acetate
 Concen: 1.053 ug/l
 RT: 5.993 min Scan# 749
 Delta R.T. -0.159 min
 Lab File: VD076817.D
 Acq: 26 Jul 2023 20:34

Instrument :
 MSVOA_D
 ClientSampleId :

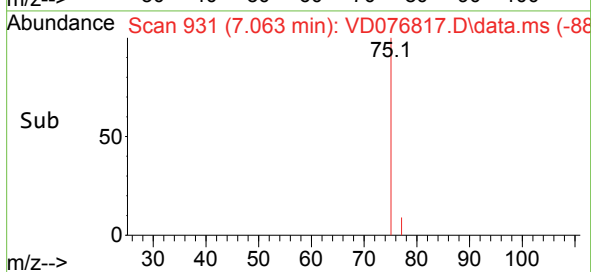
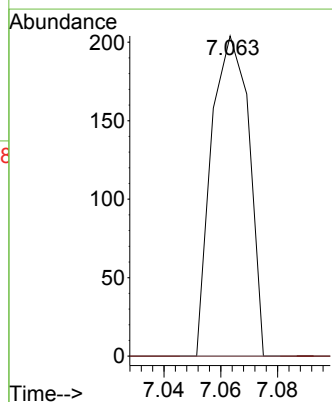
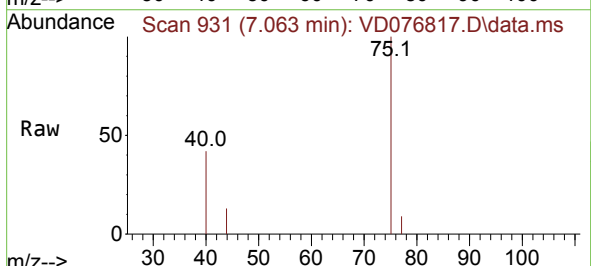


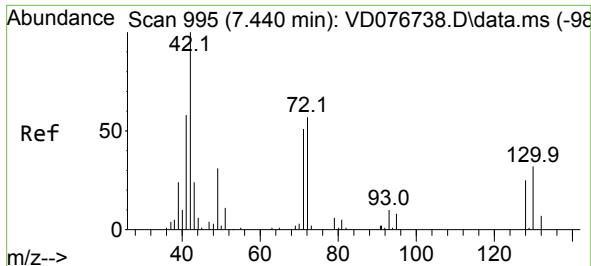
Tgt Ion: 43 Resp: 102
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#26
 2,2-Dichloropropane
 Concen: 1.644 ug/l
 RT: 7.063 min Scan# 931
 Delta R.T. -0.012 min
 Lab File: VD076817.D
 Acq: 26 Jul 2023 20:34

Tgt Ion: 77 Resp: 187
 Ion Ratio Lower Upper
 77 100
 97 0.0 13.2 39.6#





#29

Tetrahydrofuran

Concen: 6.178 ug/l

RT: 7.551 min Scan# 1014

Delta R.T. 0.111 min

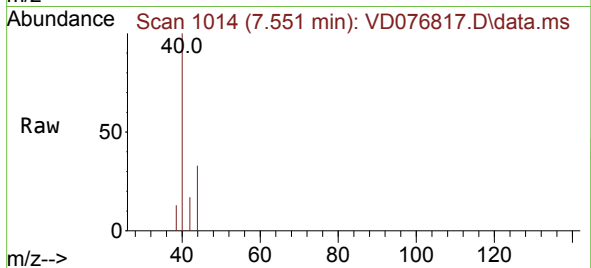
Lab File: VD076817.D

Acq: 26 Jul 2023 20:34

Instrument :

MSVOA_D

ClientSampleId :



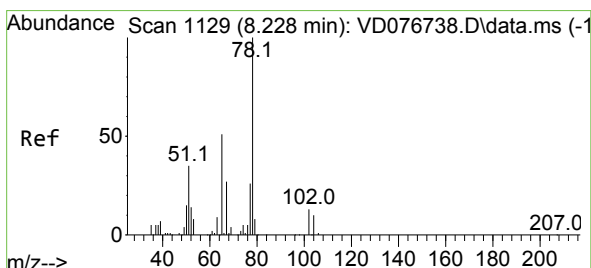
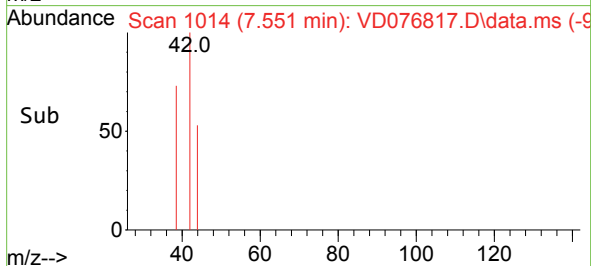
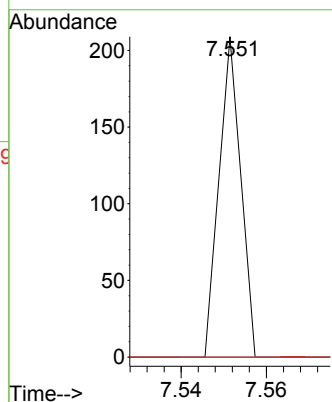
Tgt Ion: 42 Resp: 74

Ion Ratio Lower Upper

42 100

72 0.0 46.5 69.7#

71 0.0 44.5 66.7#



#33

1,2-Dichloroethane-d4

Concen: 89.614 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD076817.D

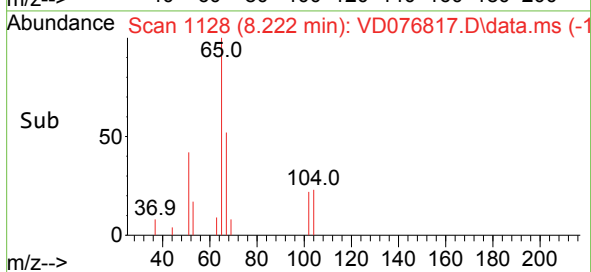
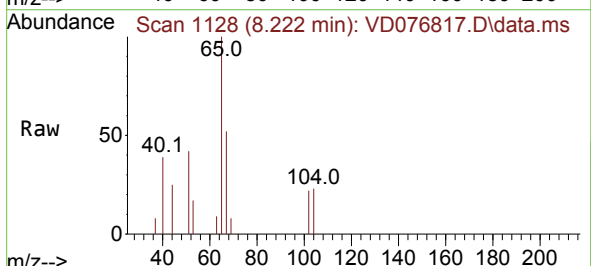
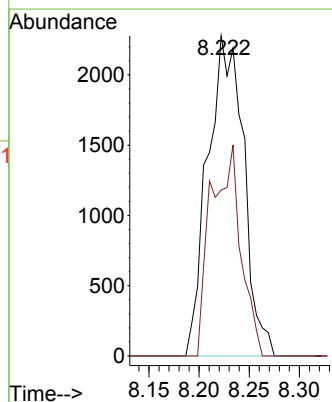
Acq: 26 Jul 2023 20:34

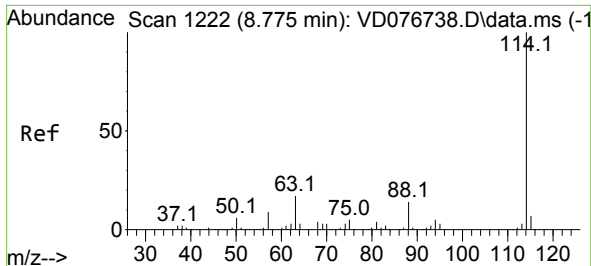
Tgt Ion: 65 Resp: 5684

Ion Ratio Lower Upper

65 100

67 54.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076817.D

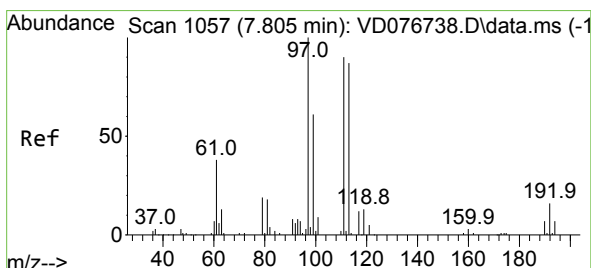
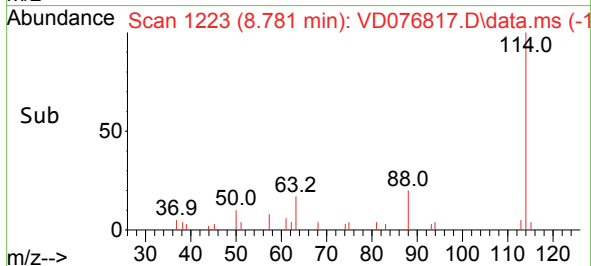
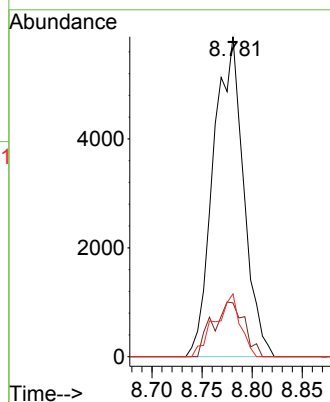
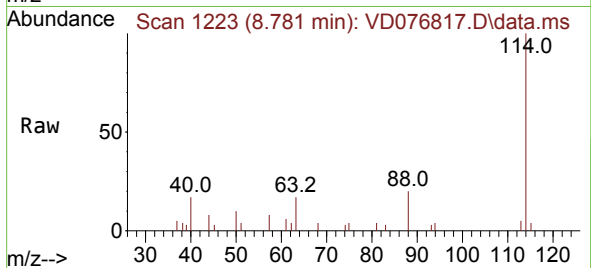
Acq: 26 Jul 2023 20:34

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	12300
Ion Ratio	Lower	Upper
114	100	
63	16.8	0.0 33.4
88	19.6	0.0 26.2



#35

Dibromofluoromethane

Concen: 68.000 ug/l

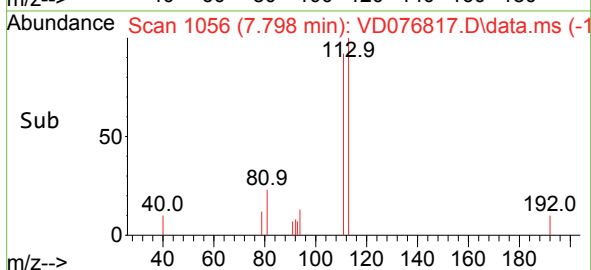
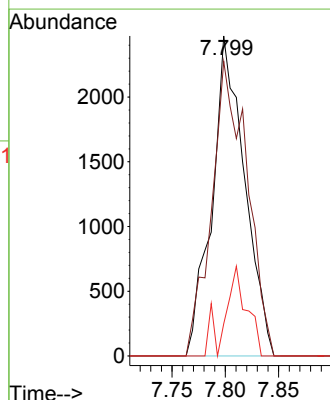
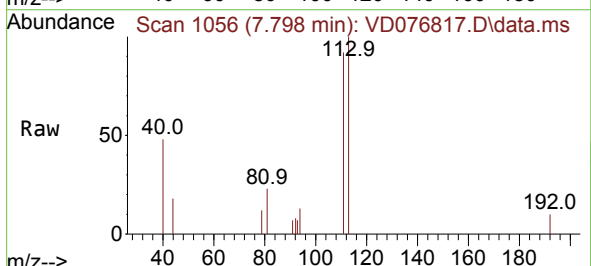
RT: 7.798 min Scan# 1056

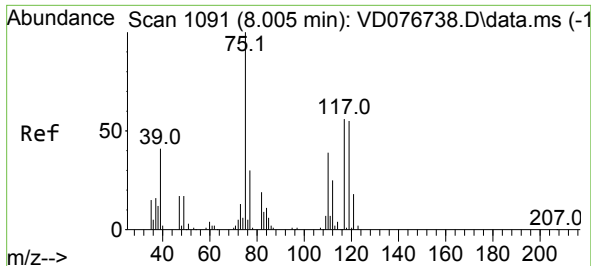
Delta R.T. -0.006 min

Lab File: VD076817.D

Acq: 26 Jul 2023 20:34

Tgt Ion:113	Resp:	5256
Ion Ratio	Lower	Upper
113	100	
111	100.5	84.7 127.1
192	16.2	16.8 25.2#





#36

1,1-Dichloropropene

Concen: 3.089 ug/l

RT: 7.857 min Scan# 1066

Delta R.T. -0.148 min

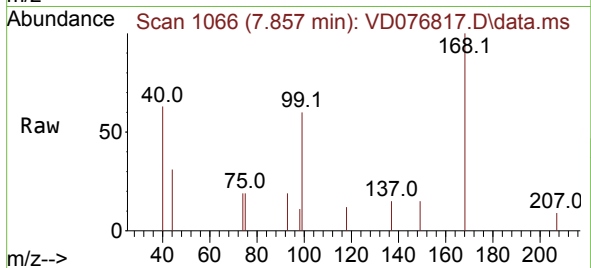
Lab File: VD076817.D

Acq: 26 Jul 2023 20:34

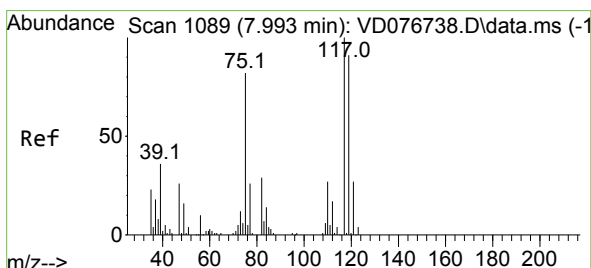
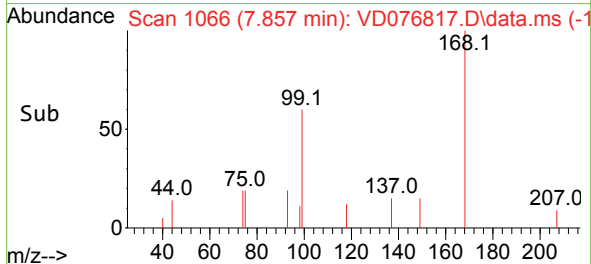
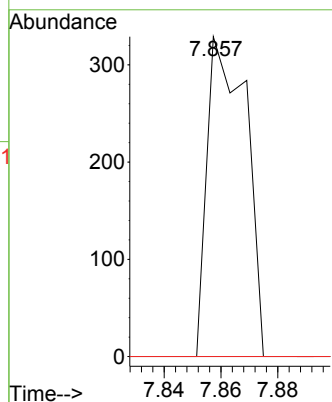
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 312
Ion Ratio	Lower Upper
75	100
110	0.0 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.522 ug/l

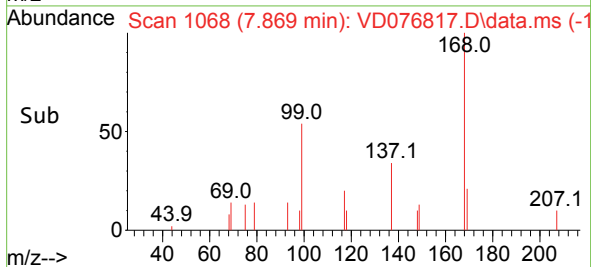
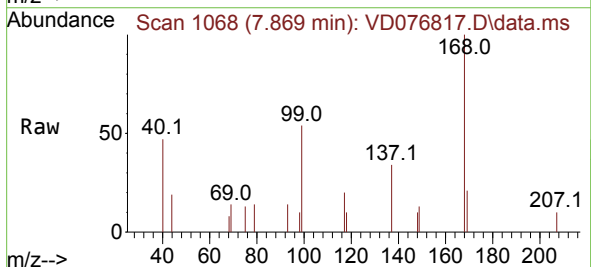
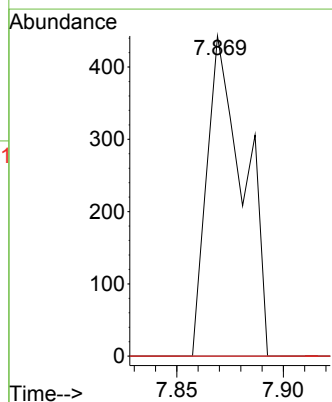
RT: 7.869 min Scan# 1068

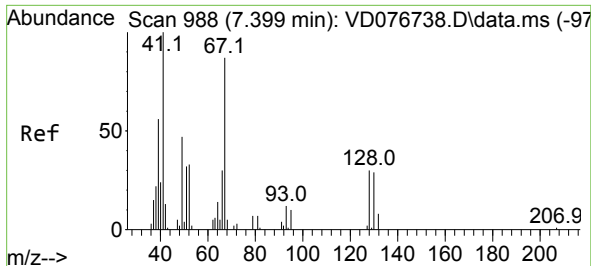
Delta R.T. -0.124 min

Lab File: VD076817.D

Acq: 26 Jul 2023 20:34

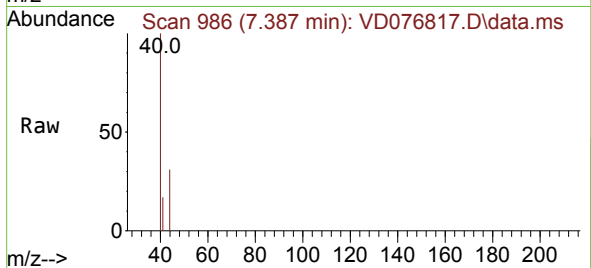
Tgt Ion: 117	Resp: 534
Ion Ratio	Lower Upper
117	100
119	0.0 78.0 117.0#
121	0.0 24.2 36.2#



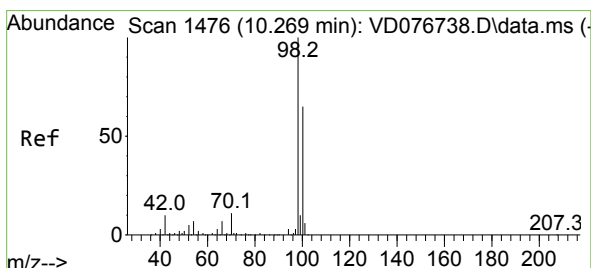
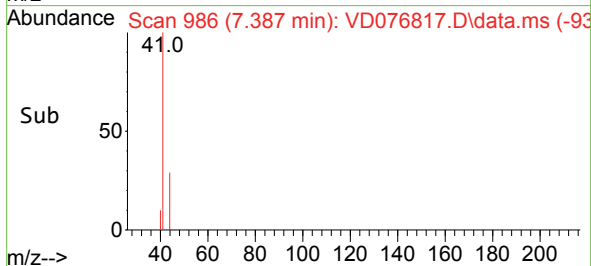
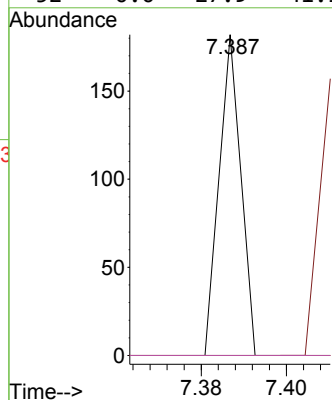


#41
Methacrylonitrile
Concen: 2.320 ug/l
RT: 7.387 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Instrument :
MSVOA_D
ClientSampleId :

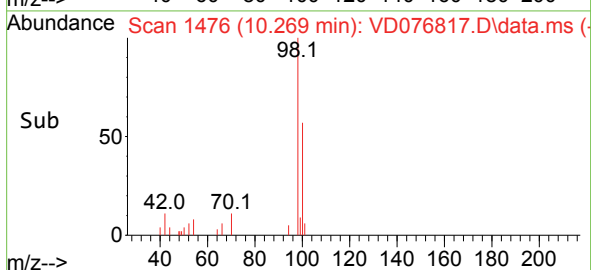
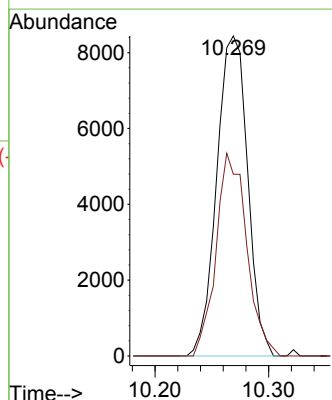
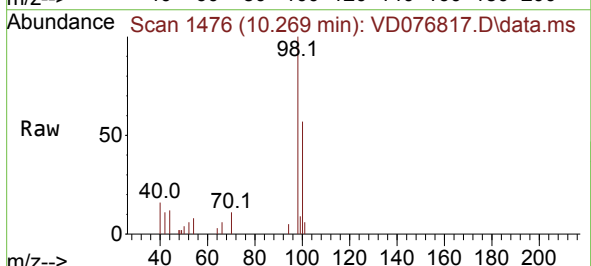


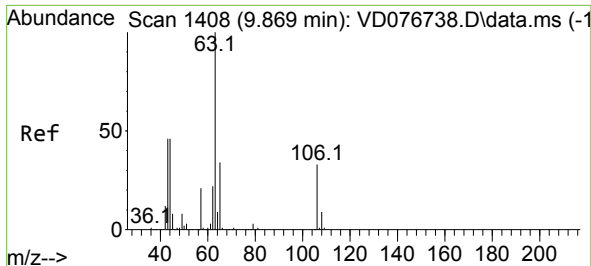
Tgt Ion:	41	Resp:	64
Ion Ratio	Lower	Upper	
41	100		
39	0.0	34.0	51.0#
67	0.0	77.0	115.4#
52	0.0	27.9	41.9#



#50
Toluene-d8
Concen: 57.824 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

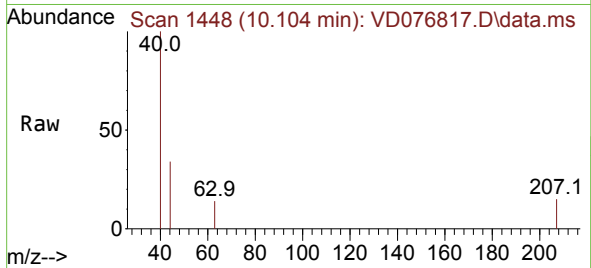
Tgt Ion:	98	Resp:	15989
Ion Ratio	Lower	Upper	
98	100		
100	62.5	50.3	75.5



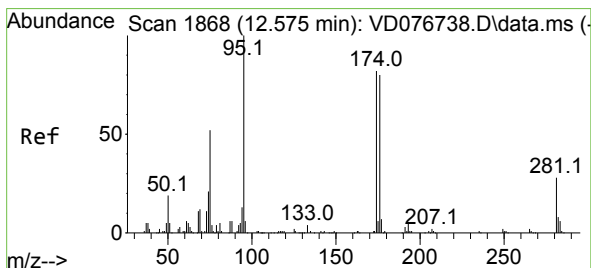
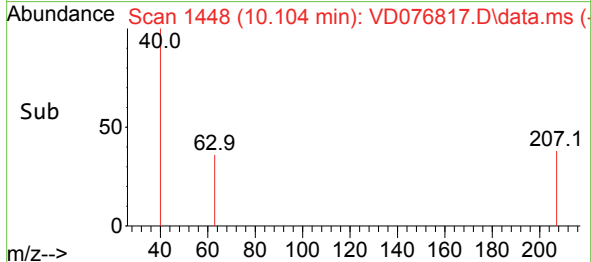
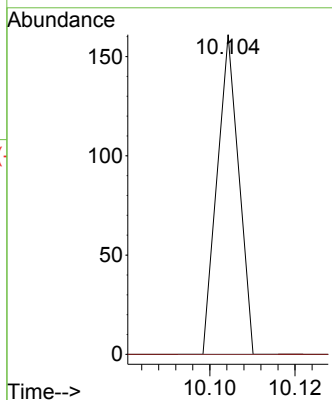


#58
2-Chloroethyl Vinyl ether
Concen: 1.814 ug/l
RT: 10.104 min Scan# 1408
Delta R.T. 0.235 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Instrument :
MSVOA_D
ClientSampleId :

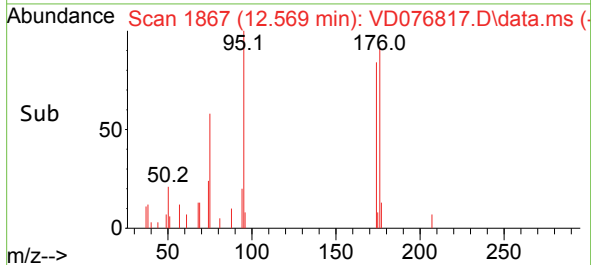
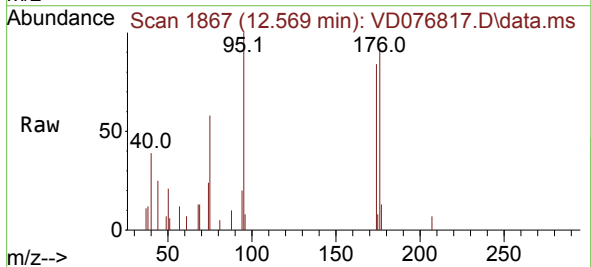
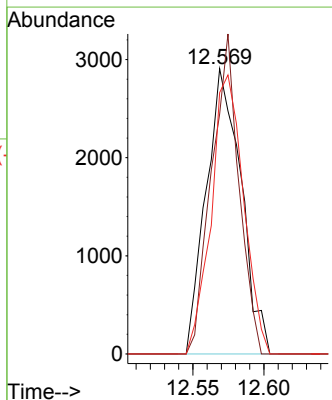


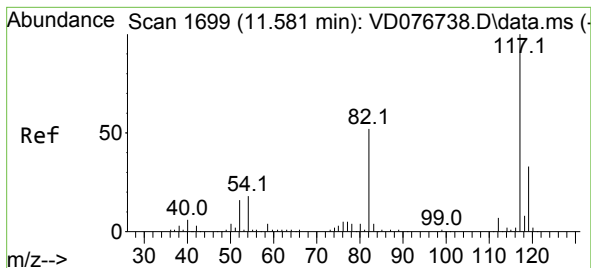
Tgt Ion: 63 Resp: 57
Ion Ratio Lower Upper
63 100
106 0.0 25.3 37.9#



#62
4-Bromofluorobenzene
Concen: 55.606 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

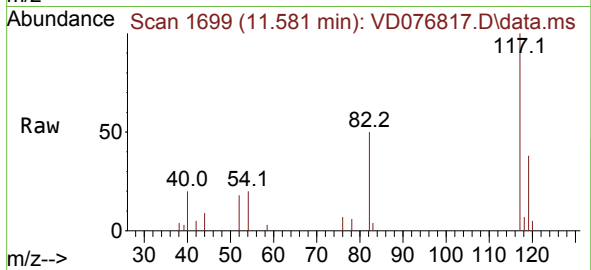
Tgt Ion: 95 Resp: 4974
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 90.6 0.0 191.8



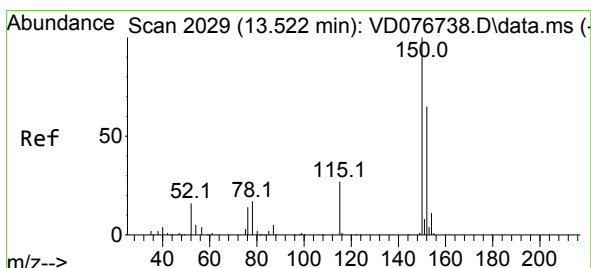
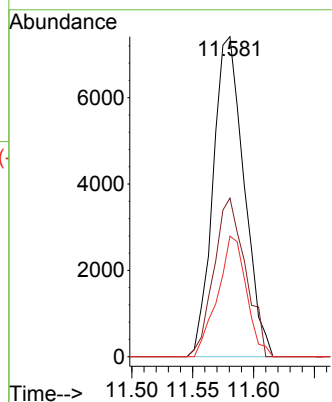
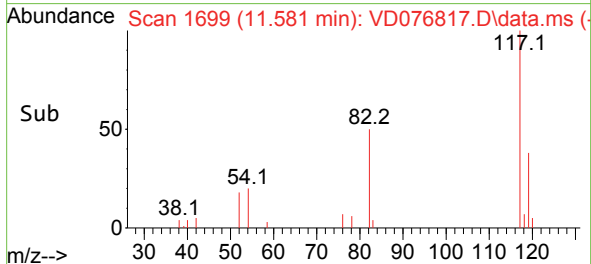


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

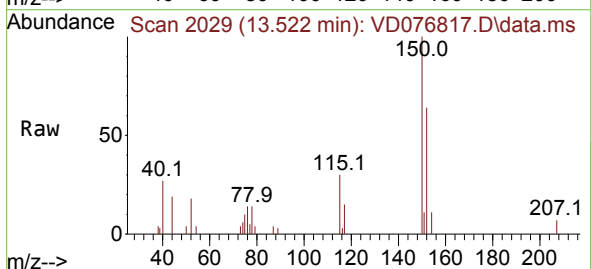
Instrument :
MSVOA_D
ClientSampleId :



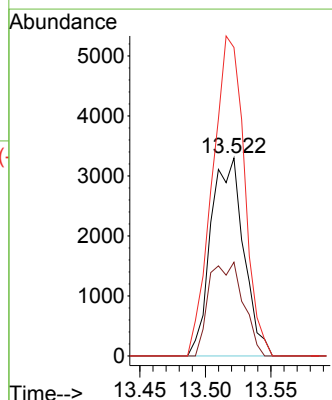
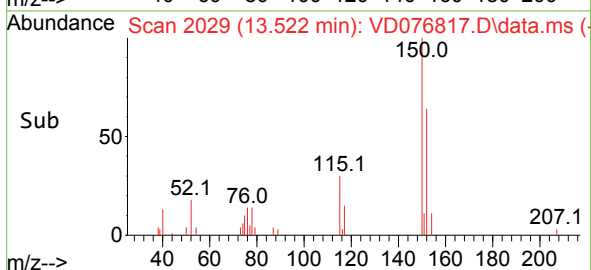
Tgt Ion:117 Resp: 13124
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 37.6 25.0 37.4#

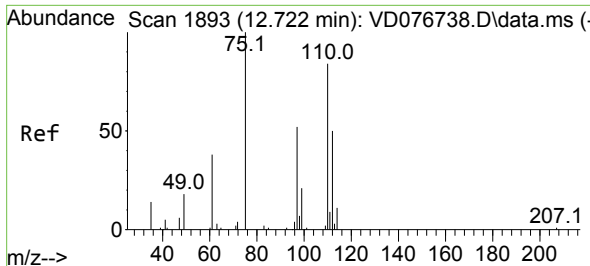


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34



Tgt Ion:152 Resp: 5750
Ion Ratio Lower Upper
152 100
115 49.3 27.1 81.3
150 157.3 0.0 353.6

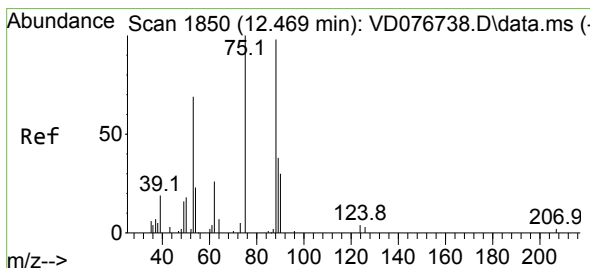
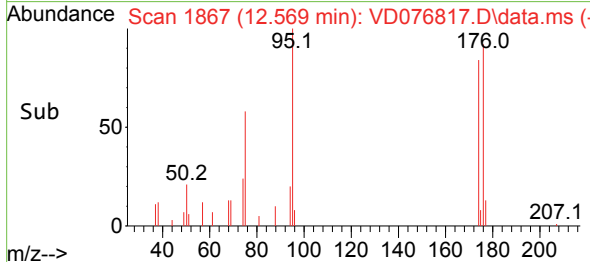
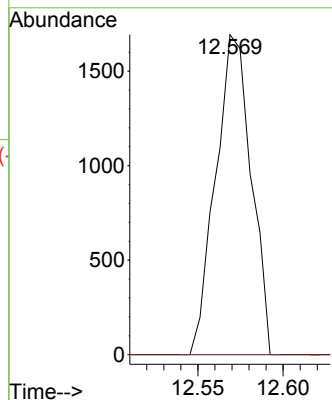
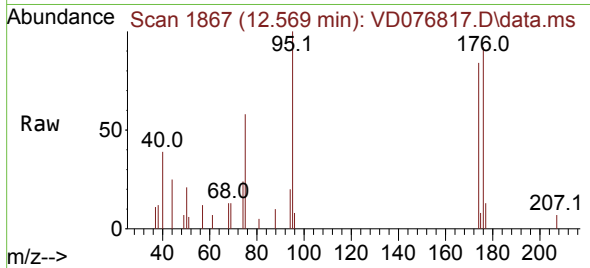




#76
1,2,3-Trichloropropane
Concen: 44.896 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2455
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 95.550 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Tgt Ion: 75 Resp: 2455
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

