

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076935.D
 Acq On : 07 Aug 2023 17:03
 Operator : KP/SY
 Sample : 03917-02
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04AB

Quant Time: Aug 08 04:40:44 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)

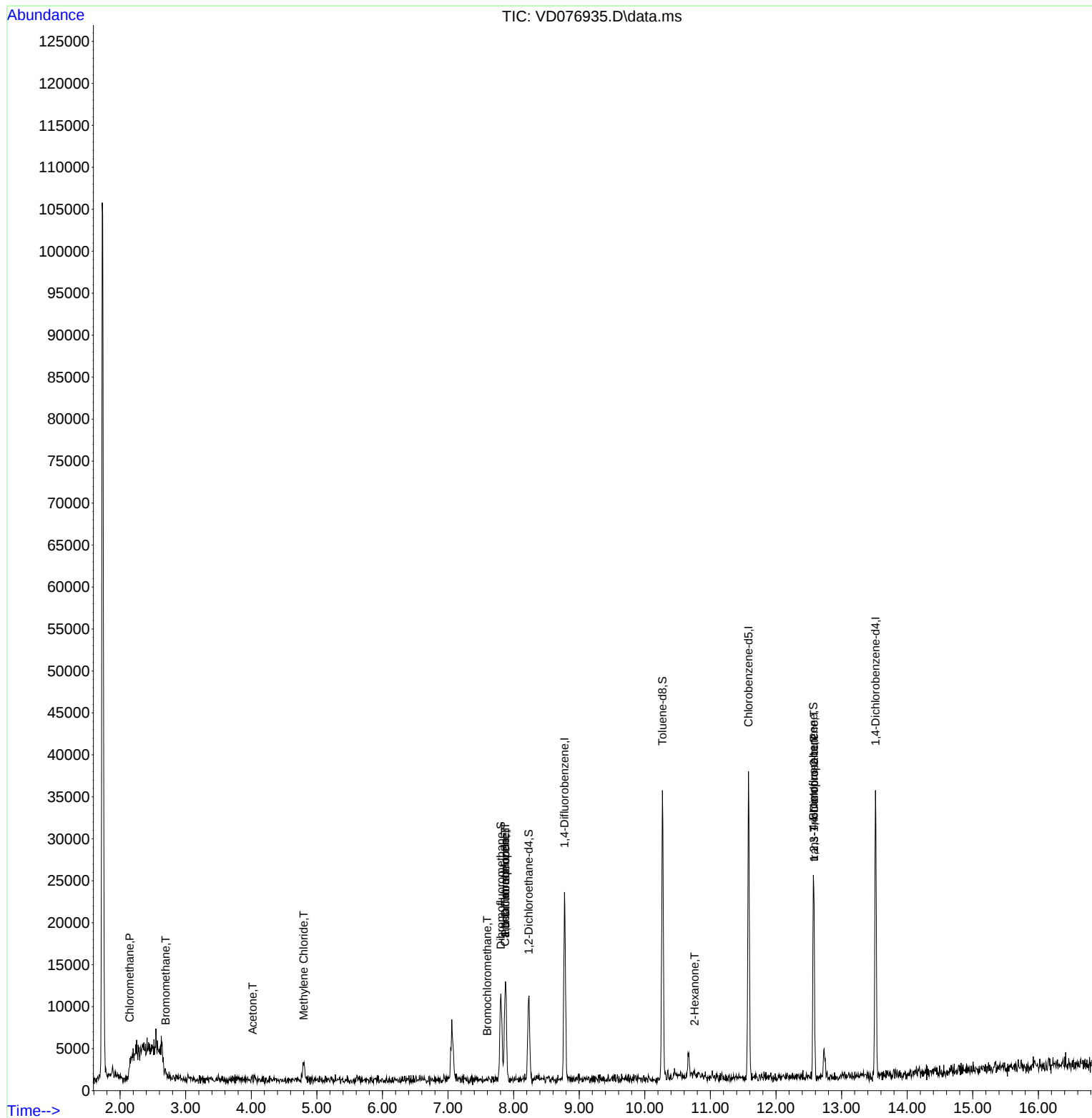
Internal Standards						
1) Pentafluorobenzene	7.875	168	9997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	19435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	20871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7833	78.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.340%	
35) Dibromofluoromethane	7.805	113	7504	61.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.880%	
50) Toluene-d8	10.269	98	23484	53.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.569	95	8143	57.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	186	1.379	ug/l	# 41
5) Bromomethane	2.693	94	509	3.441	ug/l	81
16) Acetone	4.022	43	174	7.317	ug/l	# 32
20) Methylene Chloride	4.799	84	1628	1.508	ug/l	# 81
28) Bromochloromethane	7.599	49	54	1.042	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	709	4.443	ug/l	# 39
38) Carbon Tetrachloride	7.869	117	1013	6.629	ug/l	# 11
59) 2-Hexanone	10.757	43	53	1.002	ug/l	# 16
76) 1,2,3-Trichloropropane	12.581	75	3919	42.568	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.581	75	3919	90.595	ug/l	# 17

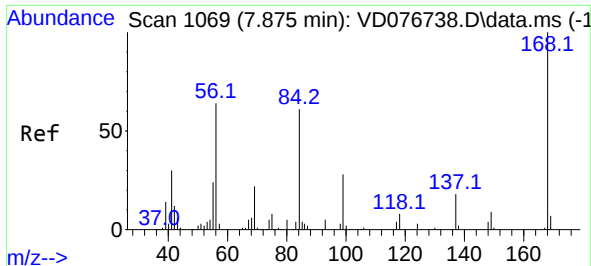
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Aug 08 04:40:44 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

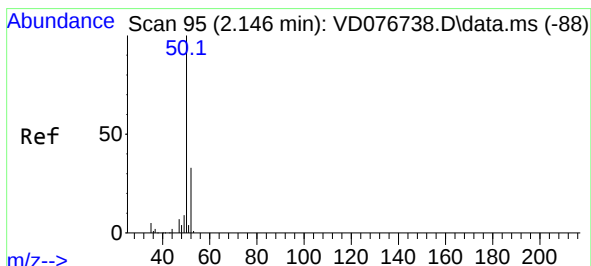
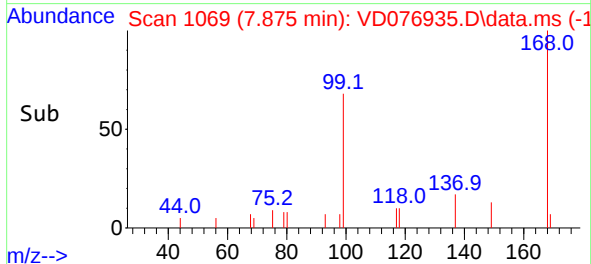
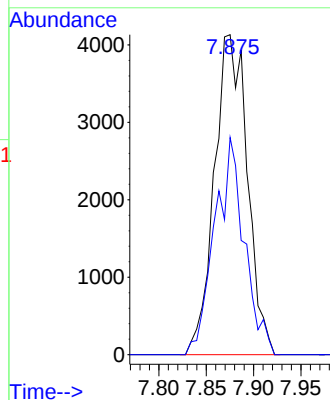
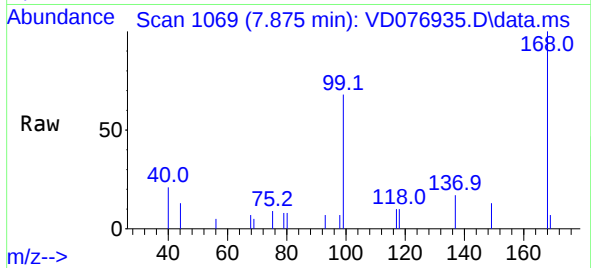




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

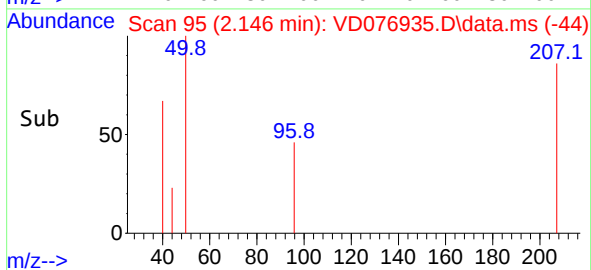
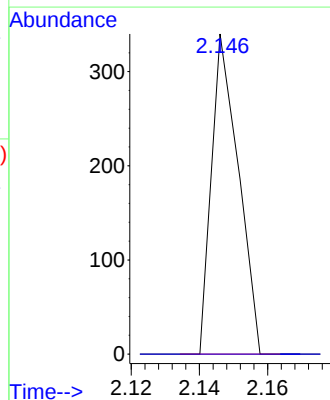
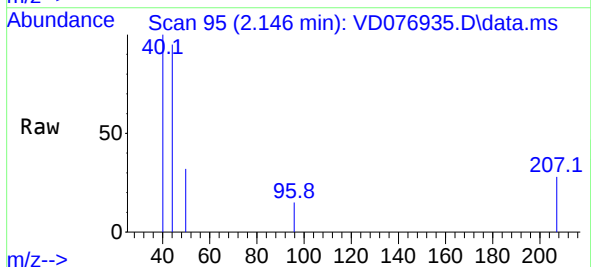
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

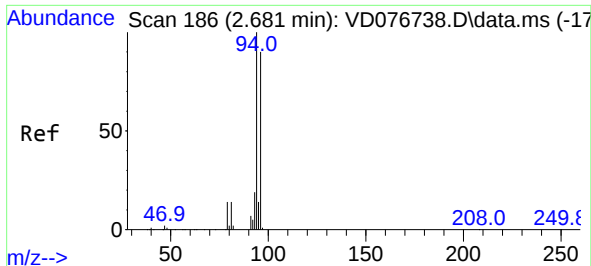
Tgt Ion:168 Resp: 9997
Ion Ratio Lower Upper
168 100
99 67.9 36.7 55.1#



#3
Chloromethane
Concen: 1.379 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 50 Resp: 186
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

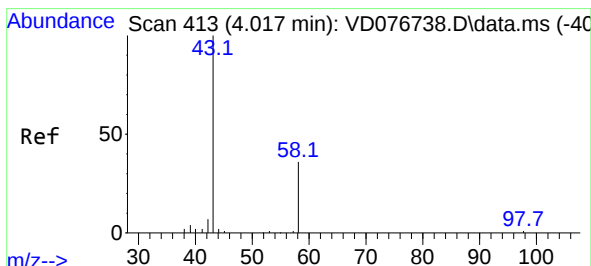
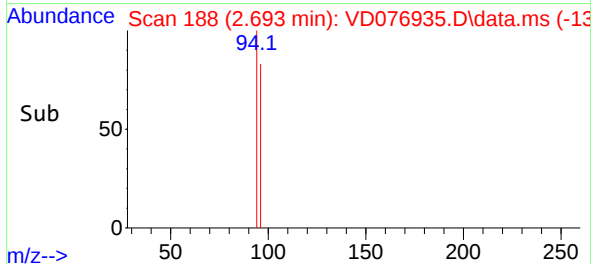
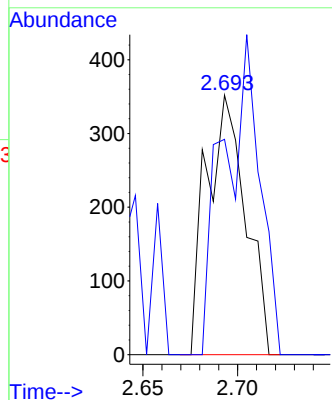
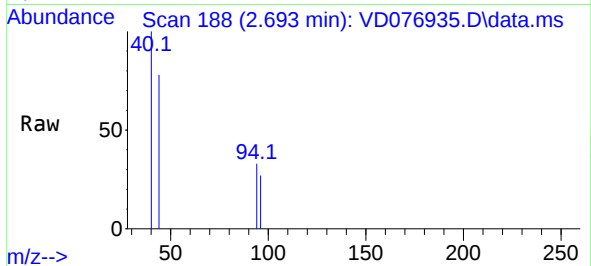




#5
Bromomethane
Concen: 3.441 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

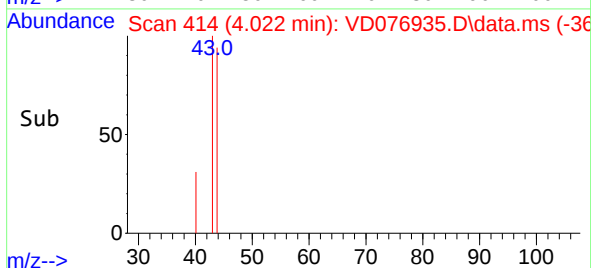
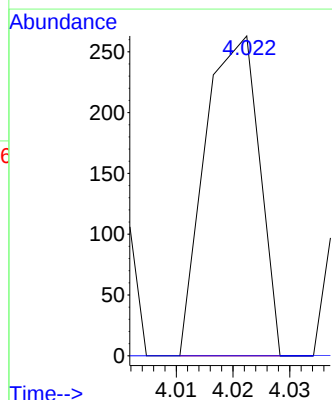
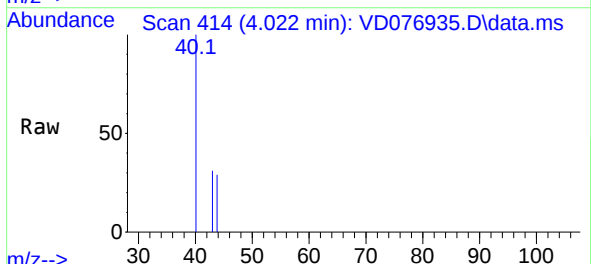
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

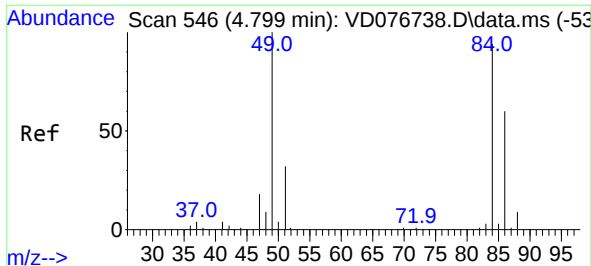
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 113.6 75.8 113.8



#16
Acetone
Concen: 7.317 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 43 Resp: 174
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

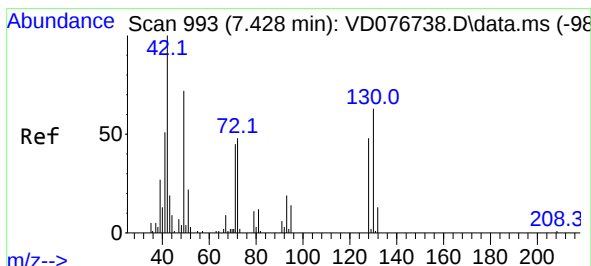
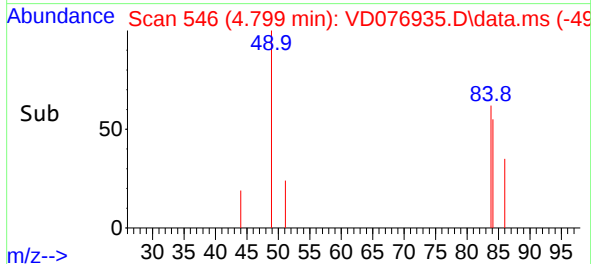
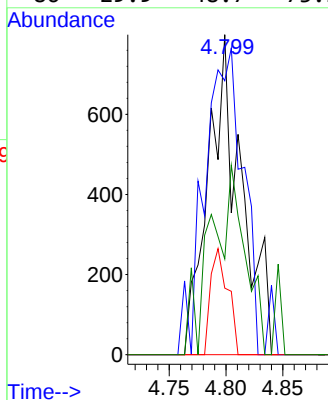
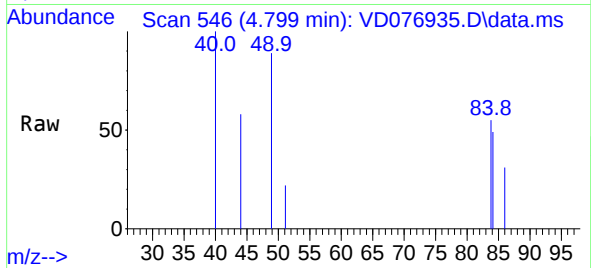




#20
Methylene Chloride
Concen: 1.508 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

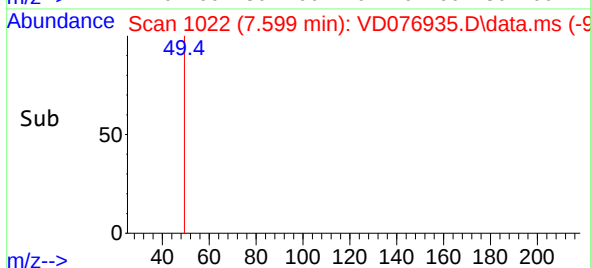
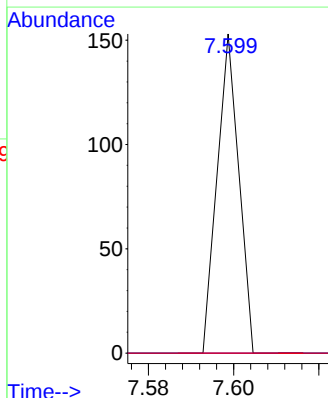
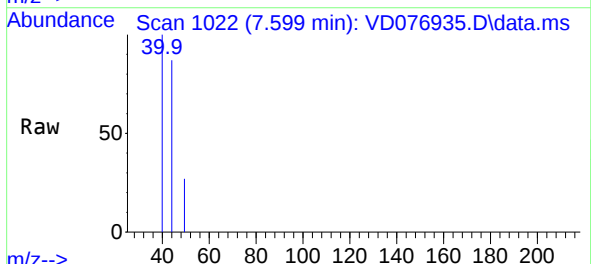
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

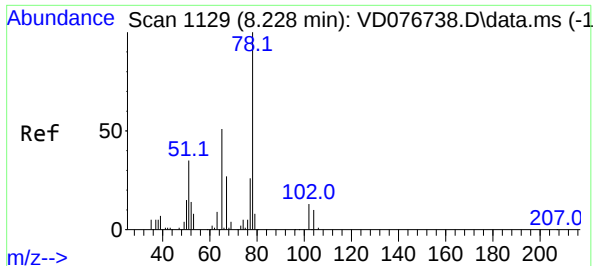
Tgt Ion: 84	Resp: 1628
Ion Ratio	Lower Upper
84 100	
49 85.6	71.4 107.2
51 20.8	24.5 36.7#
86 29.9	48.7 73.1#



#28
Bromochloromethane
Concen: 1.042 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.171 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 49	Resp: 54
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 6.0
130 0.0	83.2 124.8#





#33

1,2-Dichloroethane-d4

Concen: 78.666 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076935.D

Acq: 07 Aug 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

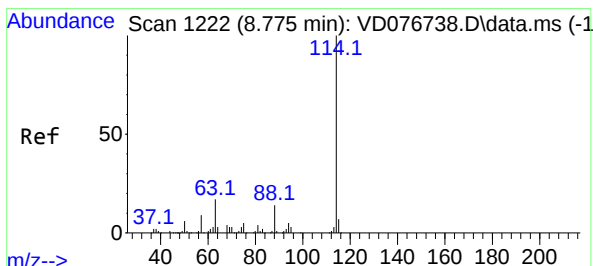
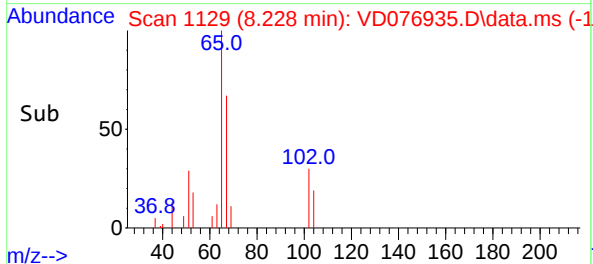
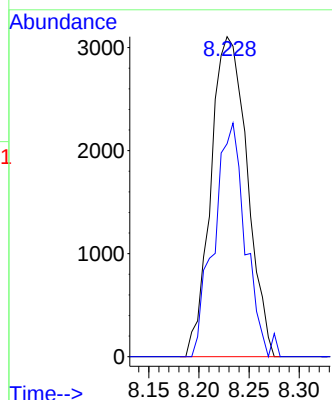
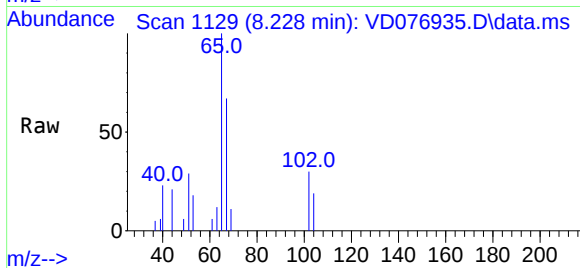
B-PP04AB

Tgt Ion: 65 Resp: 7833

Ion Ratio Lower Upper

65 100

67 63.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076935.D

Acq: 07 Aug 2023 17:03

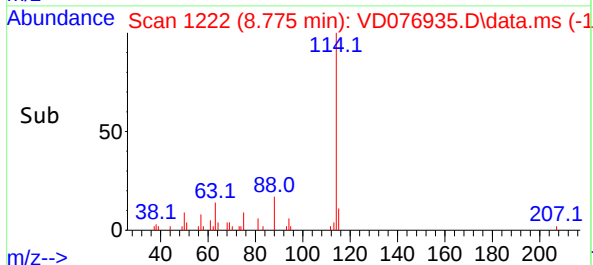
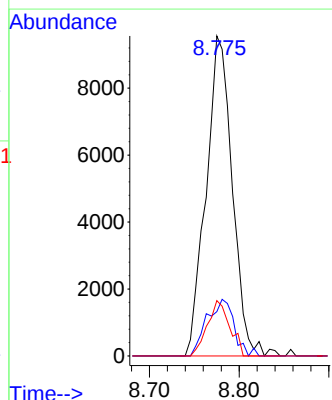
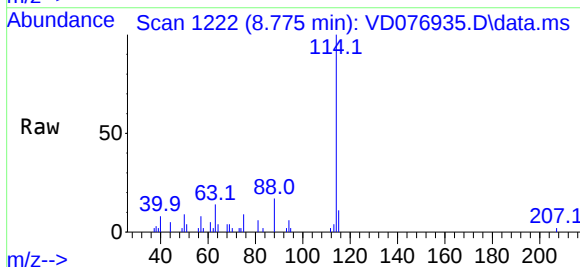
Tgt Ion: 114 Resp: 19435

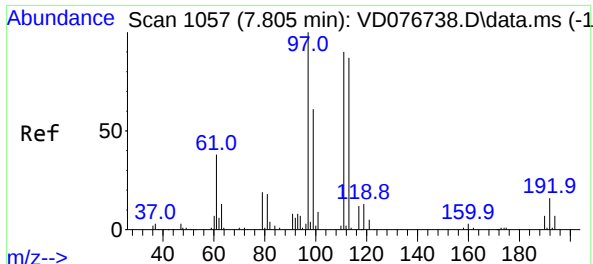
Ion Ratio Lower Upper

114 100

63 13.8 0.0 33.4

88 17.3 0.0 26.2

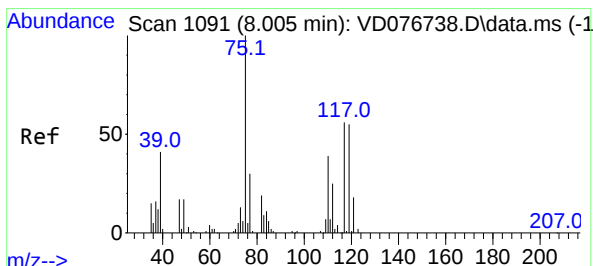
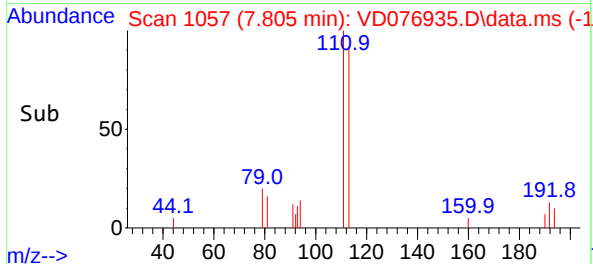
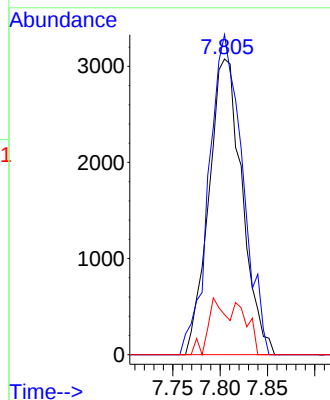
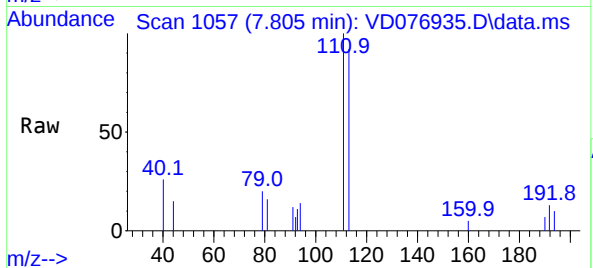




#35
Dibromofluoromethane
Concen: 61.442 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

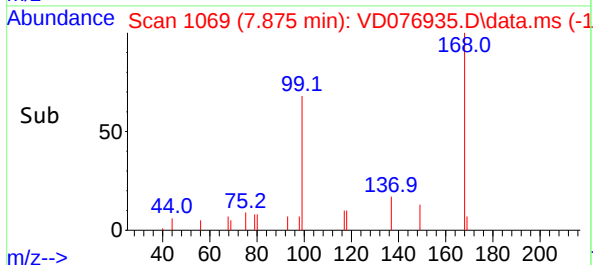
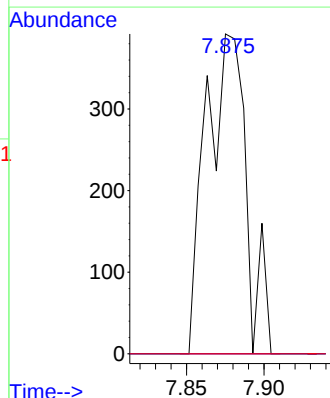
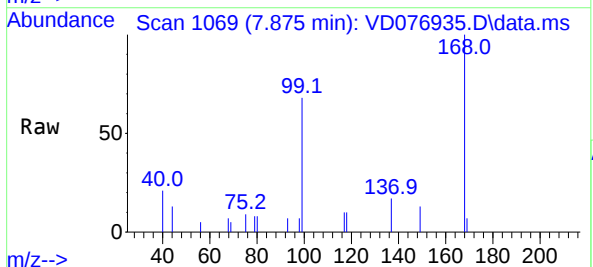
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

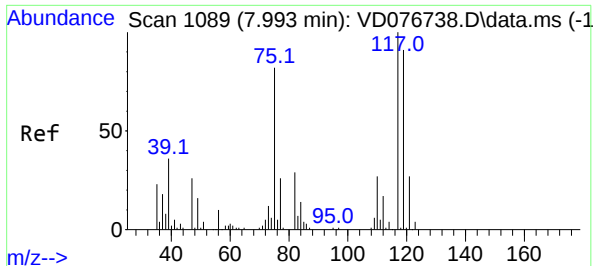
Tgt Ion:113 Resp: 7504
Ion Ratio Lower Upper
113 100
111 109.5 84.7 127.1
192 10.8 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 4.443 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

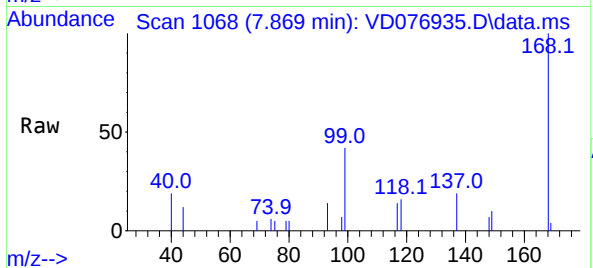
Tgt Ion: 75 Resp: 709
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



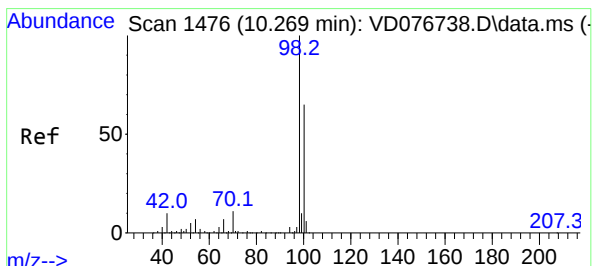
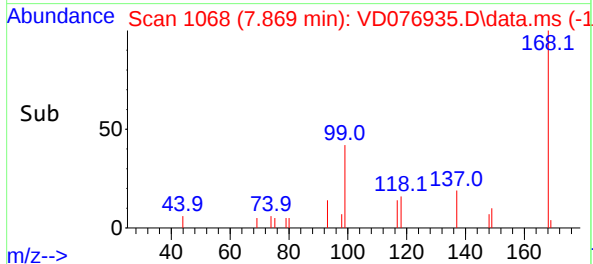
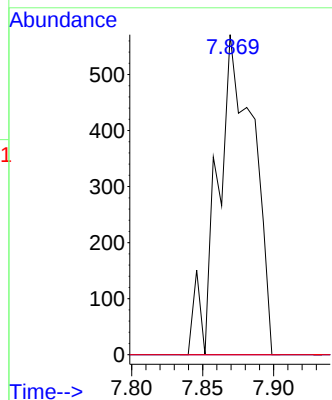


#38
Carbon Tetrachloride
Concen: 6.629 ug/l
RT: 7.869 min Scan# 1089
Delta R.T. -0.124 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

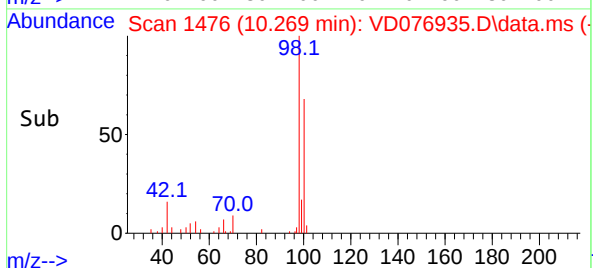
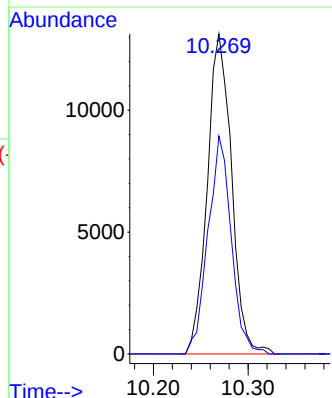
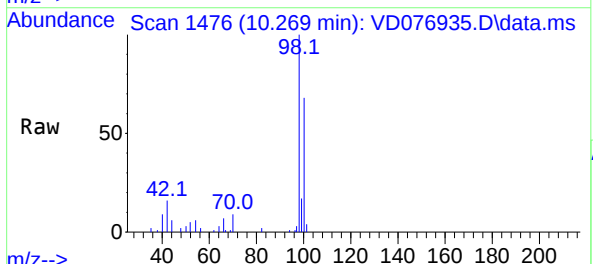


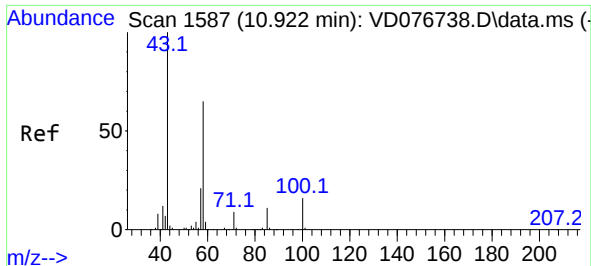
Tgt Ion:117 Resp: 1013
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.750 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 98 Resp: 23484
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

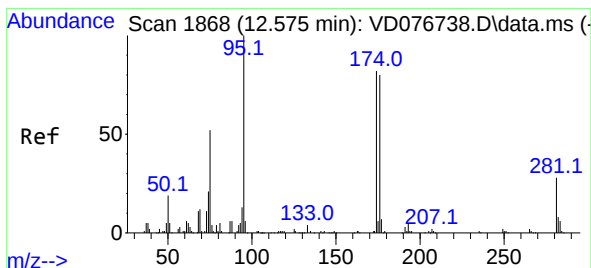
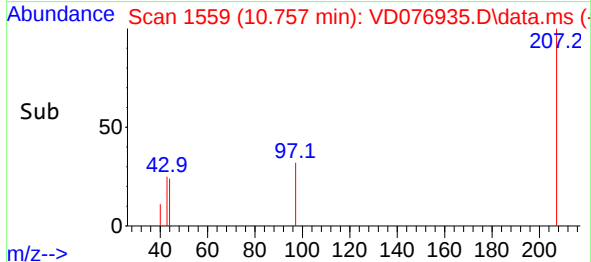
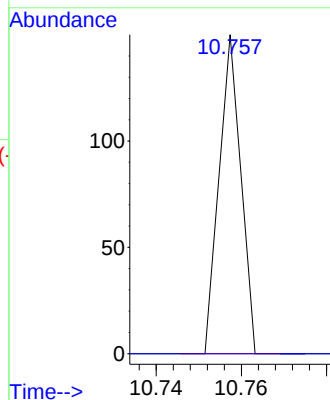
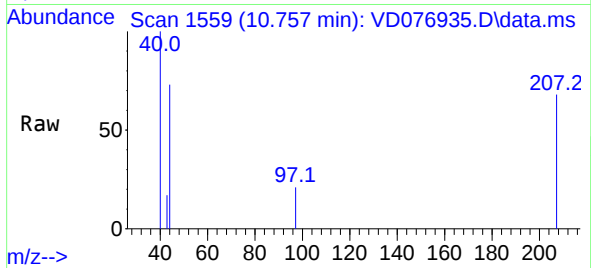




#59
2-Hexanone
Concen: 1.002 ug/l
RT: 10.757 min Scan# 1559
Delta R.T. -0.165 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

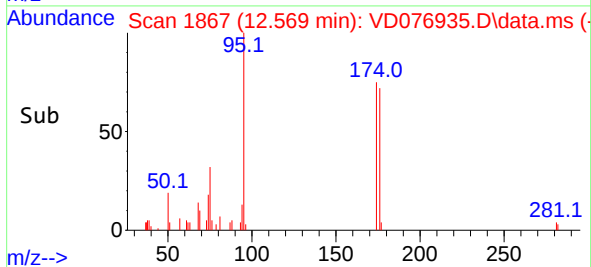
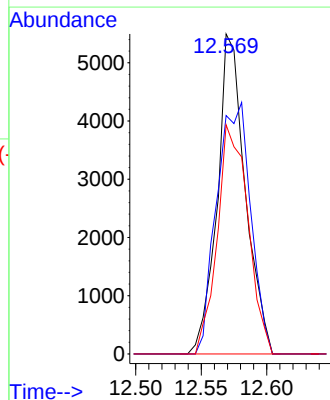
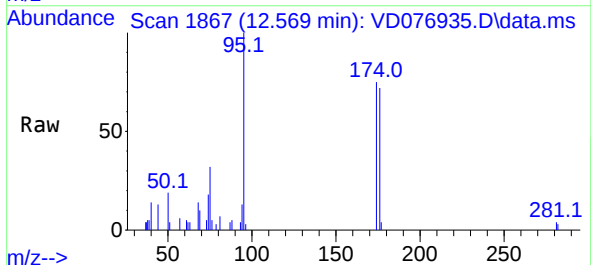
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

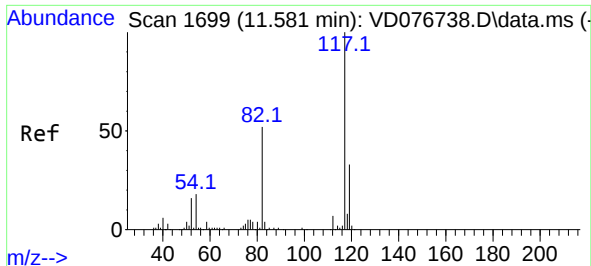
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 57.613 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 95 Resp: 8143
Ion Ratio Lower Upper
95 100
174 95.4 0.0 201.8
176 78.3 0.0 191.8

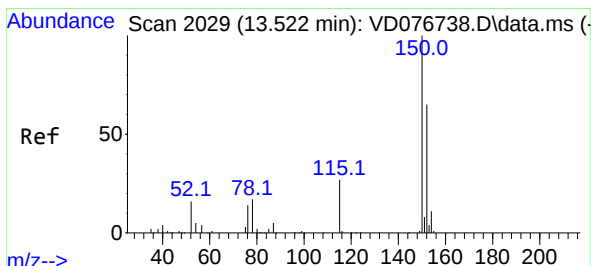
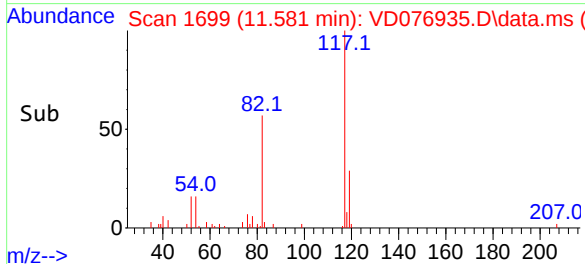
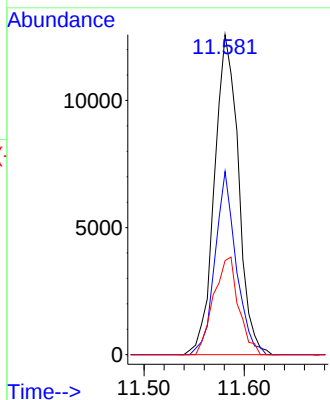
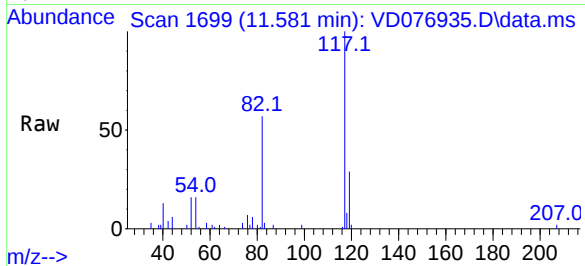




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

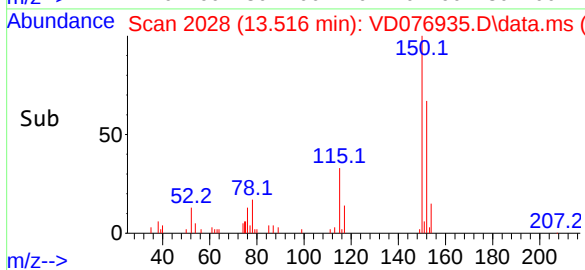
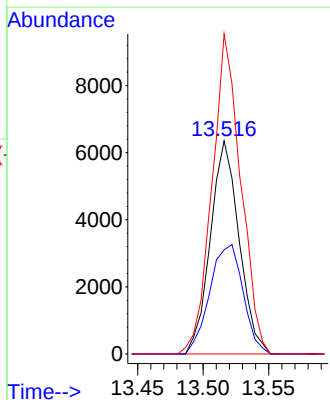
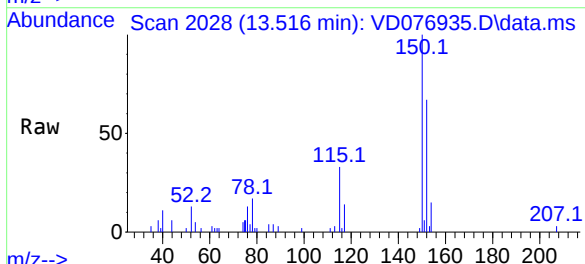
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

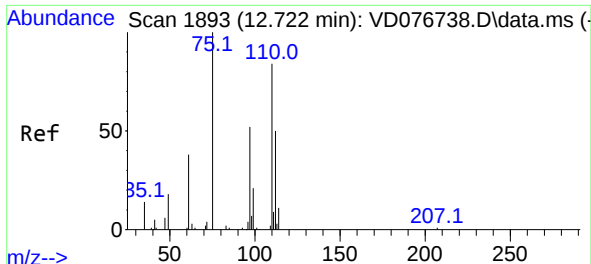
Tgt Ion:	117	Resp:	20871
Ion	Ratio	Lower	Upper
117	100		
82	57.3	38.3	57.5
119	29.4	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion:	152	Resp:	9681
Ion	Ratio	Lower	Upper
152	100		
115	59.4	27.1	81.3
150	150.1	0.0	353.6

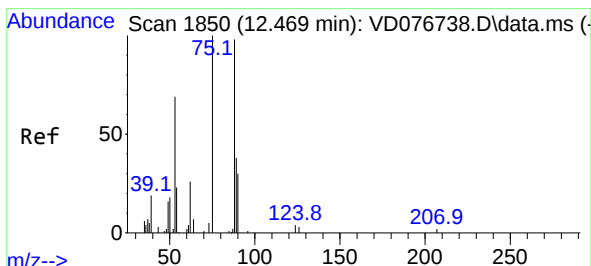
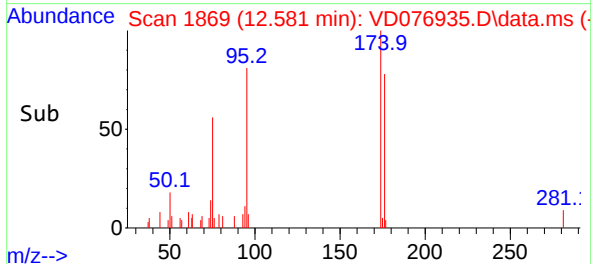
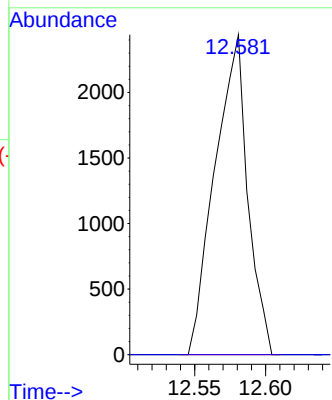
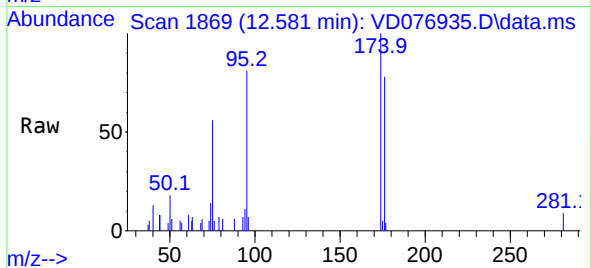




#76
1,2,3-Trichloropropane
Concen: 42.568 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.141 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

Tgt Ion: 75 Resp: 3919
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 90.595 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 75 Resp: 3919
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

