

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075643.D
 Acq On : 12 Apr 2023 16:47
 Operator : KP/SY
 Sample : 02266-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1960-1970RE

Quant Time: Apr 13 07:29:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

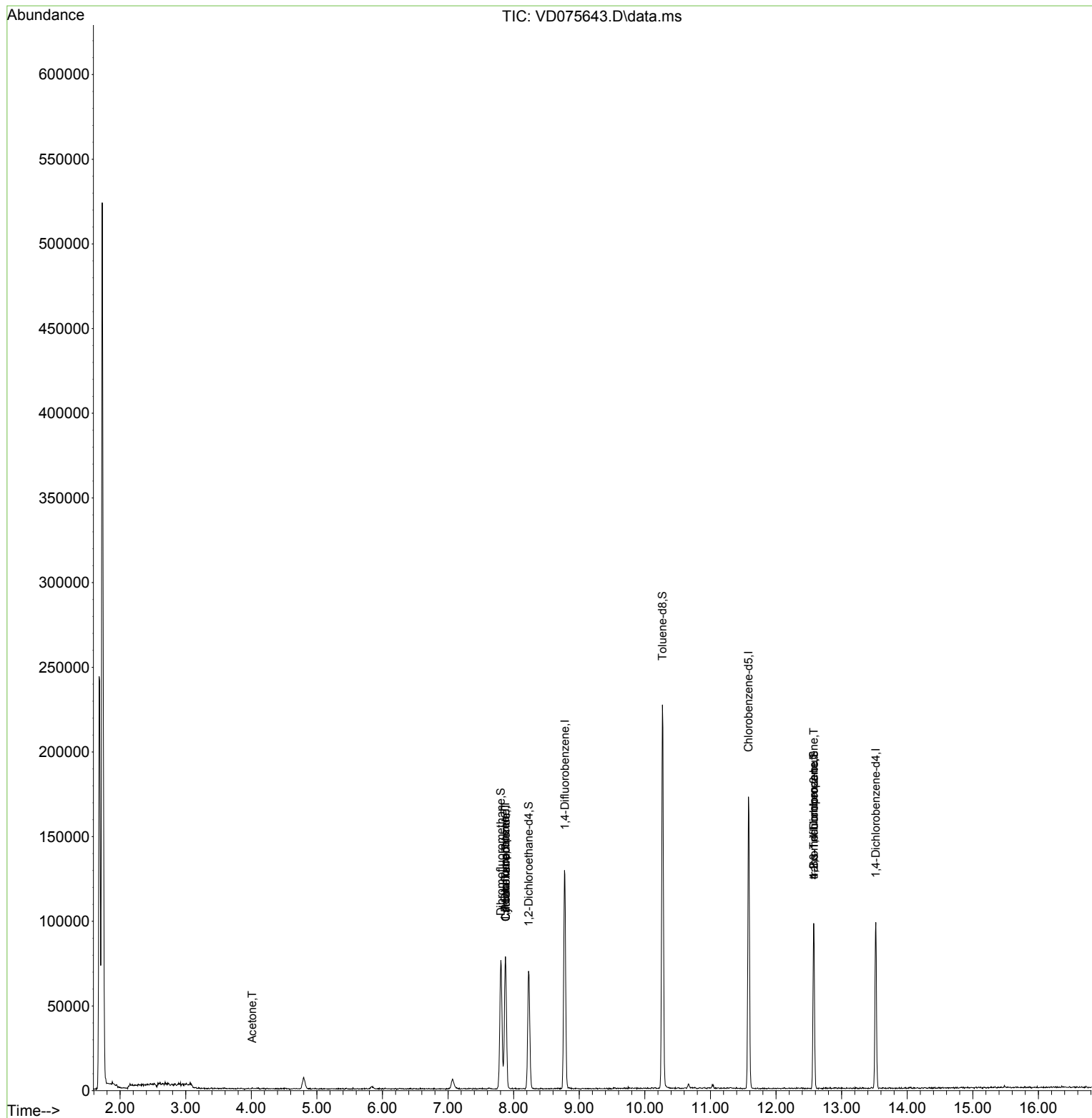
Internal Standards						
1) Pentafluorobenzene	7.875	168	63775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	128597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	108934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53745	102.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 205.460%#	
35) Dibromofluoromethane	7.804	113	55927	74.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.420%#	
50) Toluene-d8	10.269	98	173585	58.721	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.440%	
62) 4-Bromofluorobenzene	12.575	95	29512	33.935	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	178	1.867	ug/l #	37
20) Methylene Chloride	4.799	84	6105	Below Cal	#	70
31) Cyclohexane	7.881	56	1114	1.464	ug/l #	50
36) 1,1-Dichloropropene	7.869	75	5096	5.294	ug/l #	43
38) Carbon Tetrachloride	7.881	117	6119	6.629	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	15366	82.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	15366	156.906	ug/l #	5

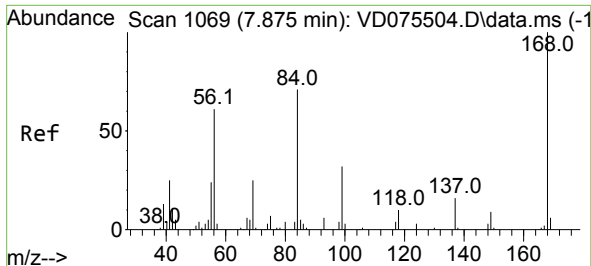
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
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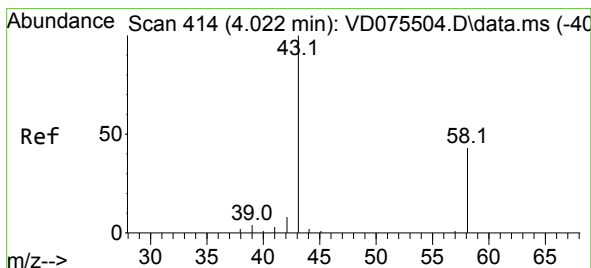
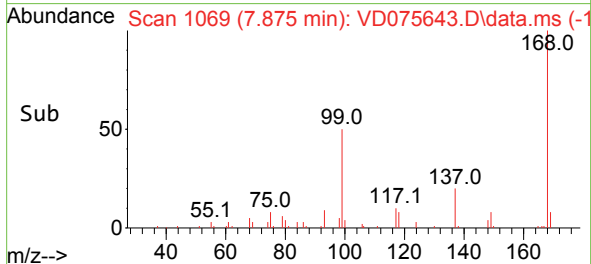
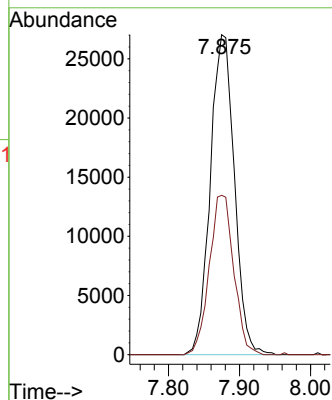
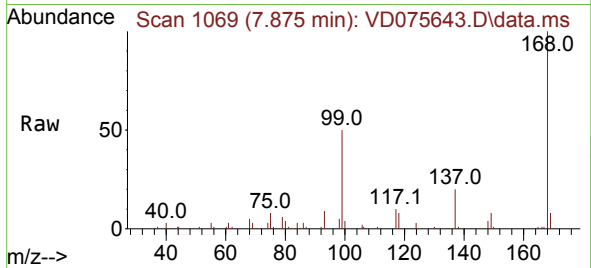




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

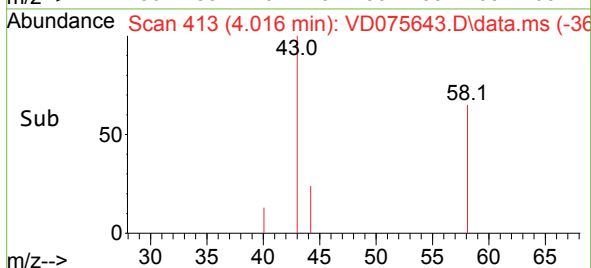
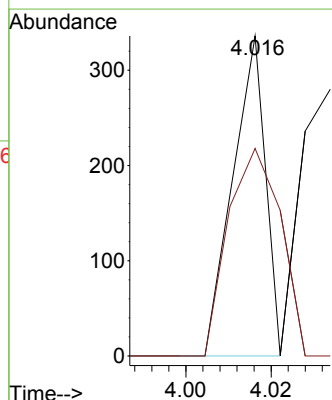
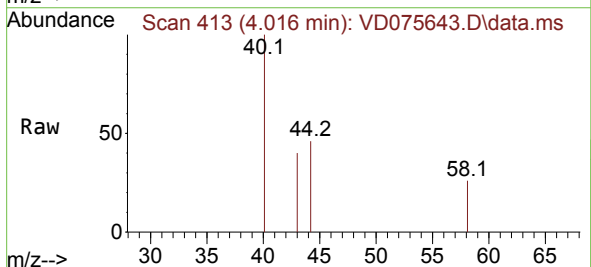
Instrument :
MSVOA_D
ClientSampleId :
1960-1970RE

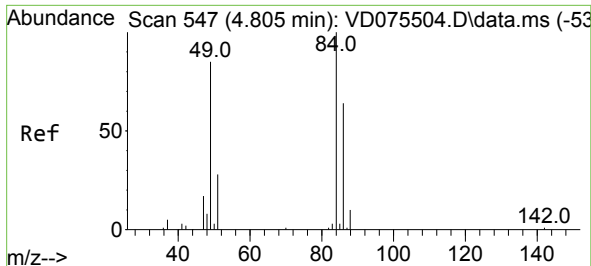
Tgt Ion:168 Resp: 63775
Ion Ratio Lower Upper
168 100
99 49.8 43.8 65.6



#16
Acetone
Concen: 1.867 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

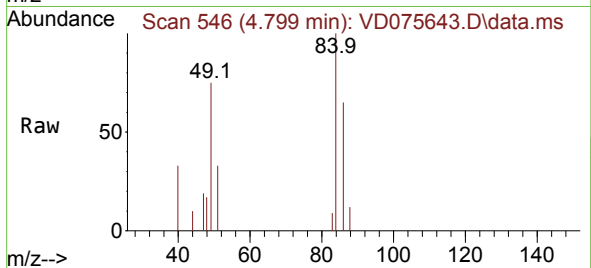
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 64.9 24.4 36.6#



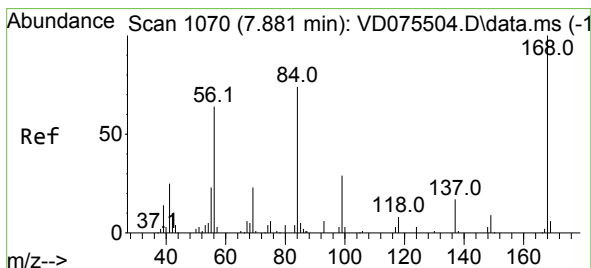
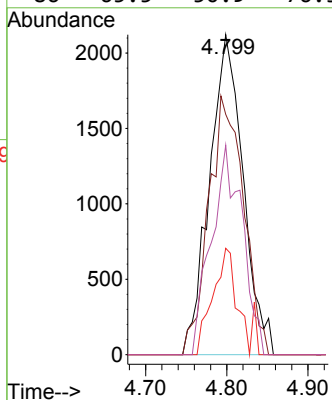
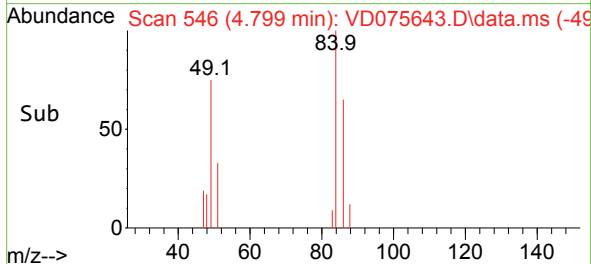


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

Instrument :
MSVOA_D
ClientSampleId :
1960-1970RE

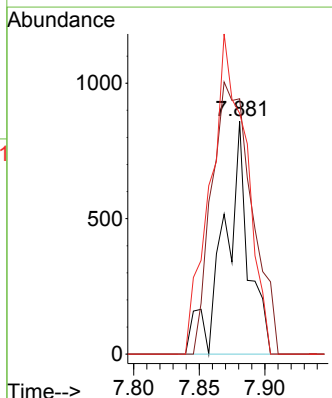
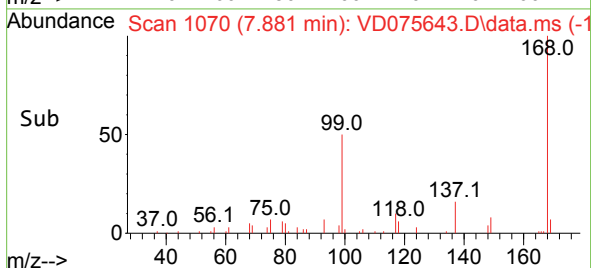
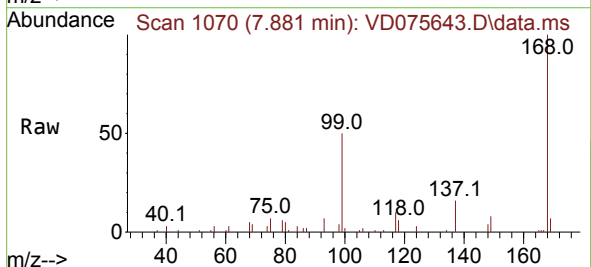


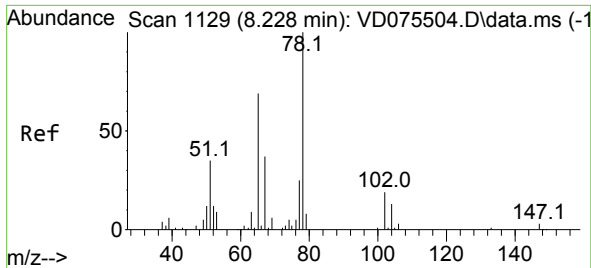
Tgt Ion:	84	Resp:	6105
Ion	Ratio	Lower	Upper
84	100		
49	75.1	106.4	159.6#
51	33.2	32.4	48.6
86	65.5	50.9	76.3



#31
Cyclohexane
Concen: 1.464 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

Tgt Ion:	56	Resp:	1114
Ion	Ratio	Lower	Upper
56	100		
69	109.7	25.5	38.3#
84	103.4	69.6	104.4





#33

1,2-Dichloroethane-d4

Concen: 102.728 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075643.D

Acq: 12 Apr 2023 16:47

Instrument :

MSVOA_D

ClientSampleId :

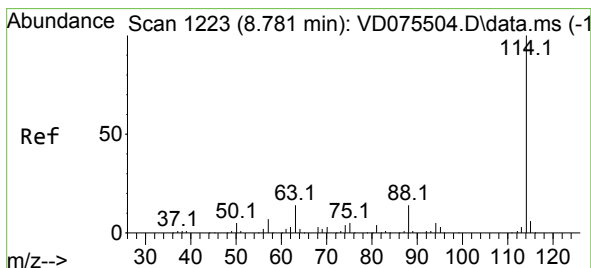
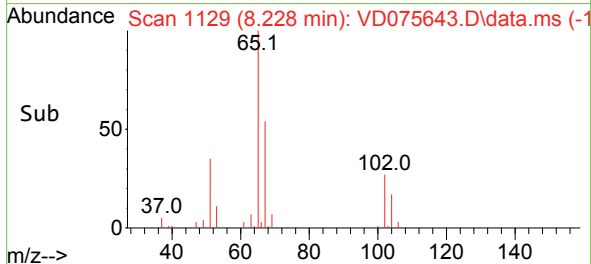
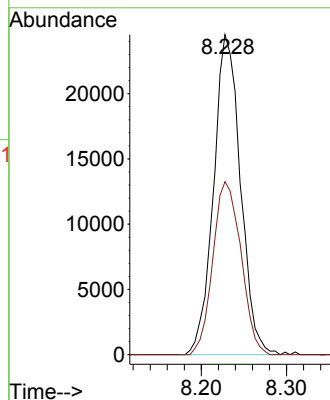
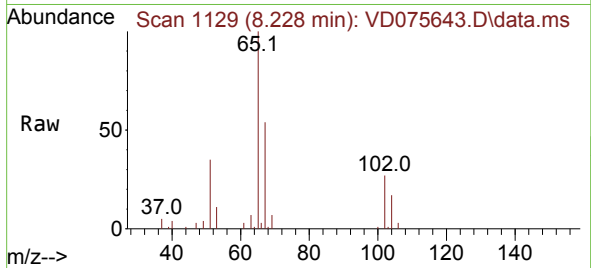
1960-1970RE

Tgt Ion: 65 Resp: 53745

Ion Ratio Lower Upper

65 100

67 56.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075643.D

Acq: 12 Apr 2023 16:47

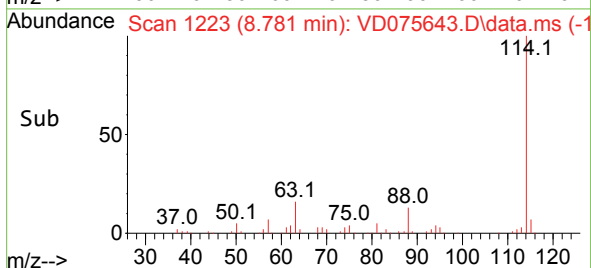
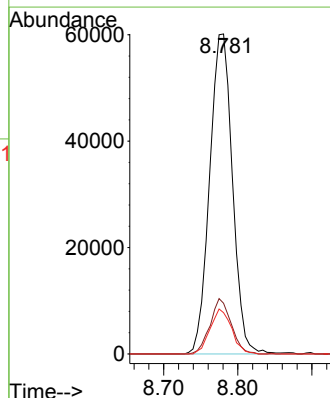
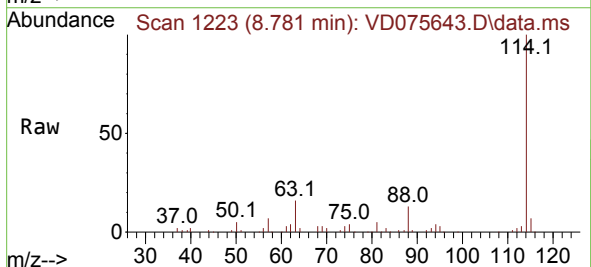
Tgt Ion: 114 Resp: 128597

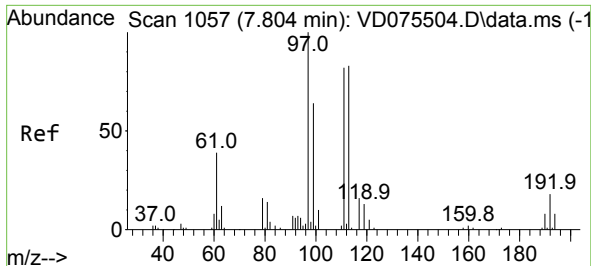
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 12.9 0.0 30.6

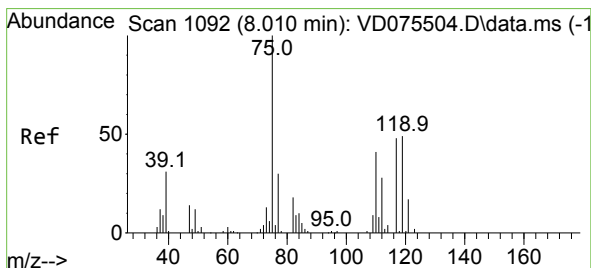
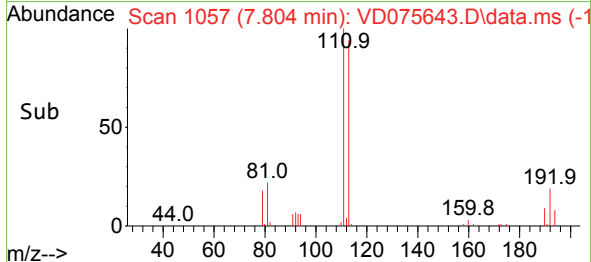
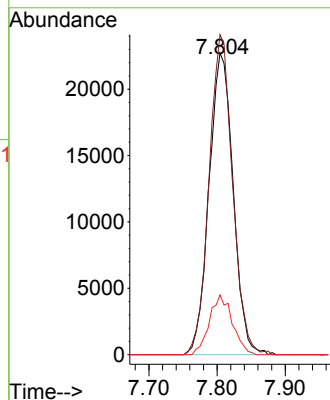
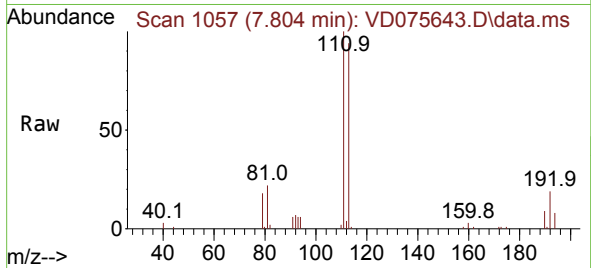




#35
Dibromofluoromethane
Concen: 74.208 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

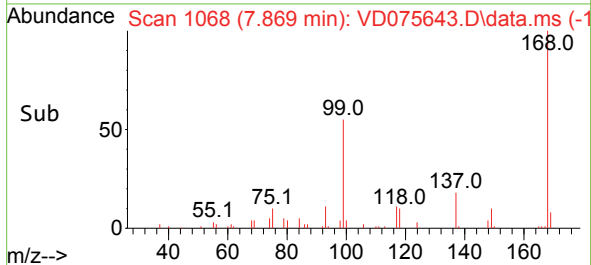
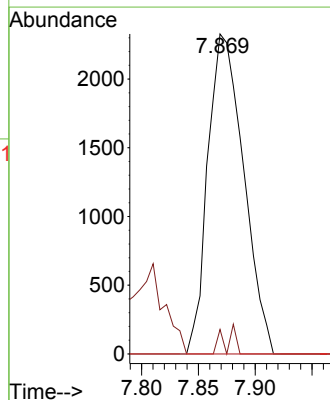
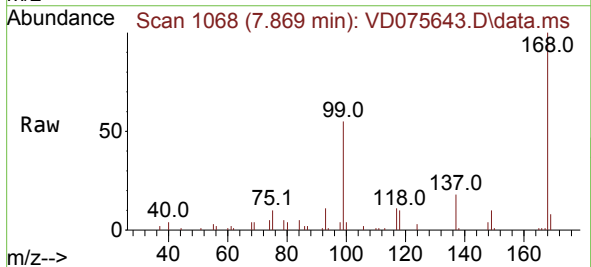
Instrument :
MSVOA_D
ClientSampleId :
1960-1970RE

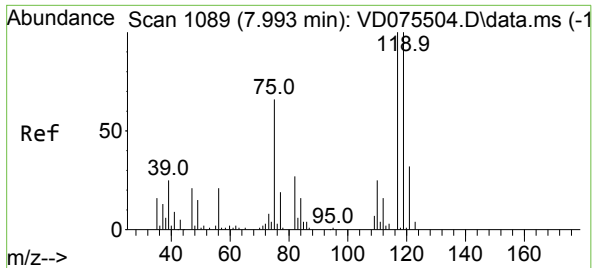
Tgt Ion:113 Resp: 55927
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.294 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

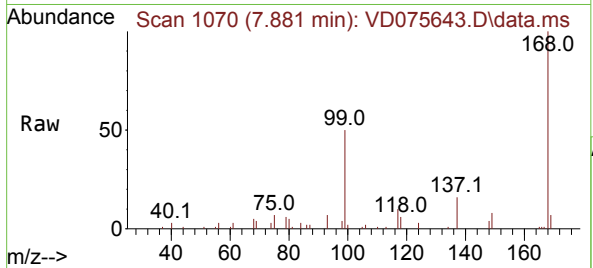
Tgt Ion: 75 Resp: 5096
Ion Ratio Lower Upper
75 100
110 1.2 17.1 51.2#
77 0.0 24.6 36.8#



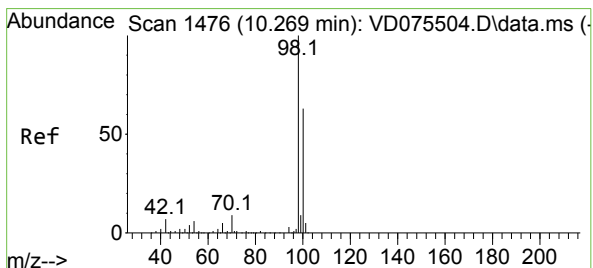
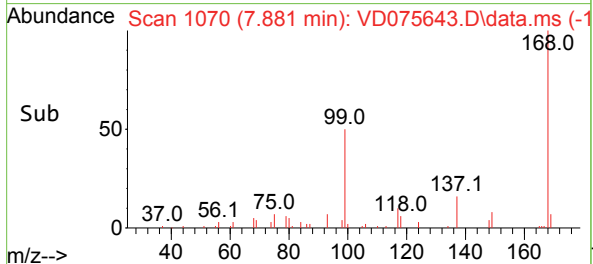
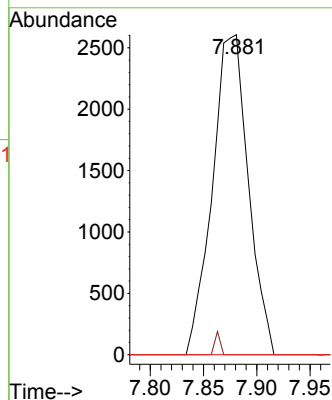


#38
Carbon Tetrachloride
Concen: 6.629 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

Instrument :
MSVOA_D
ClientSampleId :
1960-1970RE

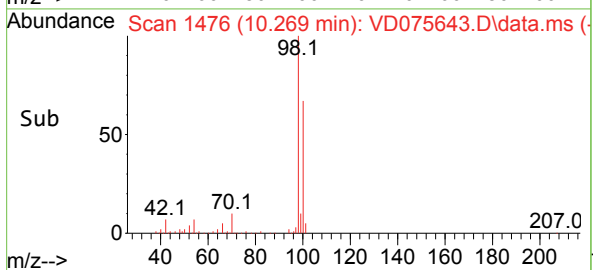
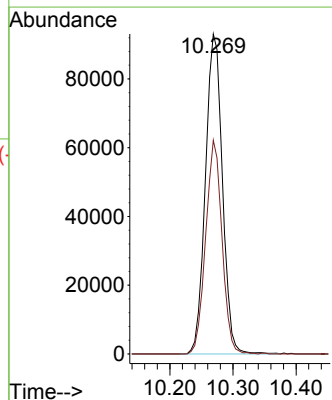
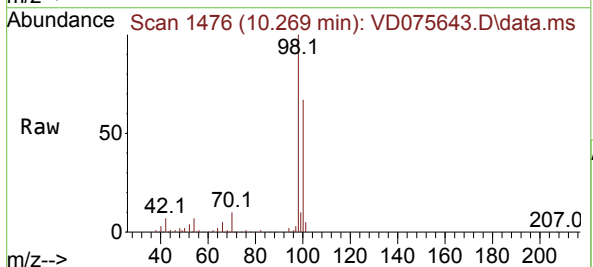


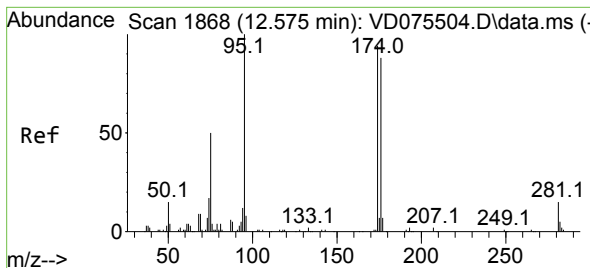
Tgt Ion:117 Resp: 6119
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 58.721 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

Tgt Ion: 98 Resp: 173585
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

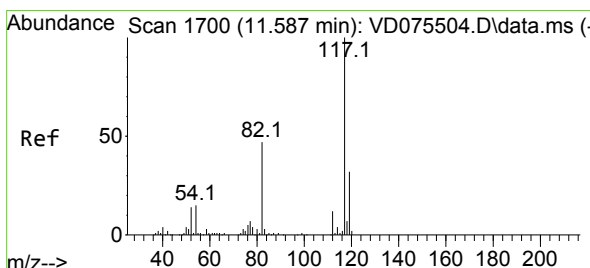
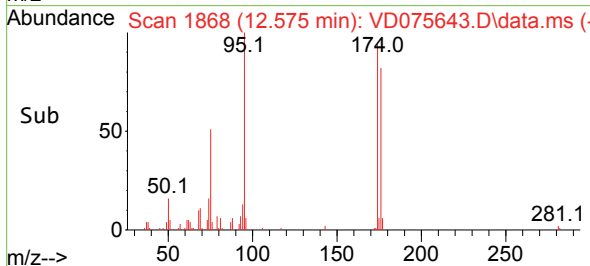
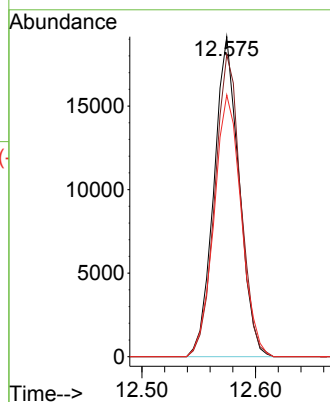
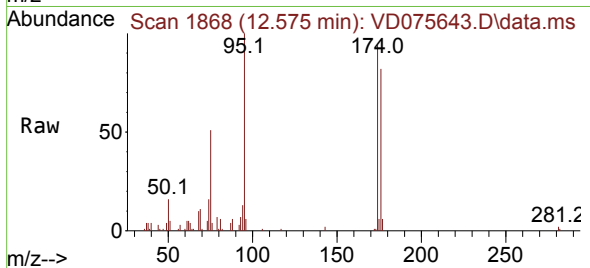




#62
4-Bromofluorobenzene
Concen: 33.935 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

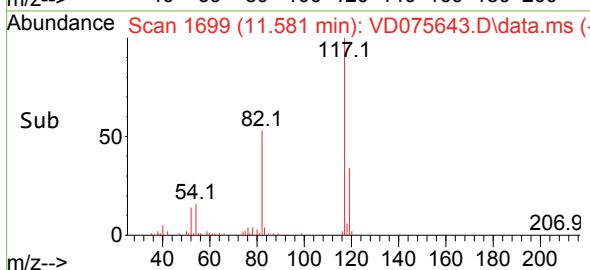
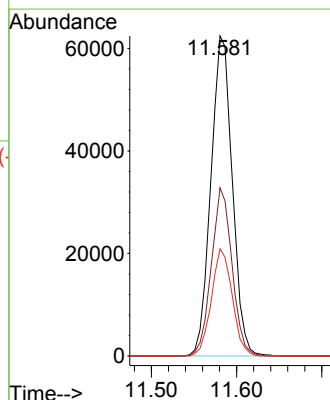
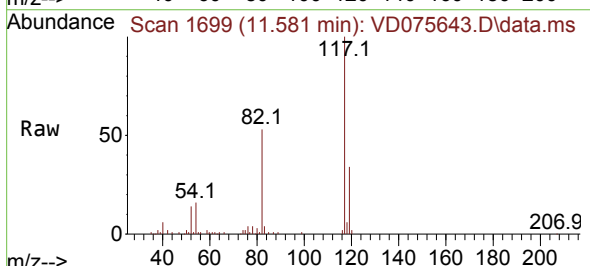
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1960-1970RE

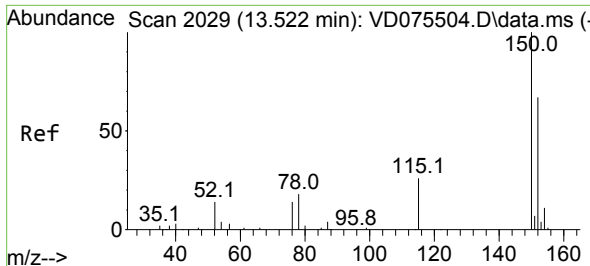
Tgt Ion:	95	Resp:	29512
Ion Ratio	Lower	Upper	
95	100		
174	96.6	0.0	164.0
176	88.3	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

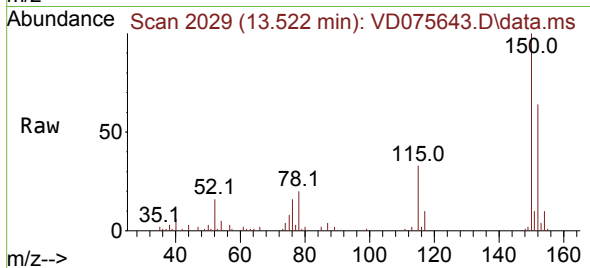
Tgt Ion:	117	Resp:	108934
Ion Ratio	Lower	Upper	
117	100		
82	52.5	44.0	66.0
119	33.5	25.1	37.7



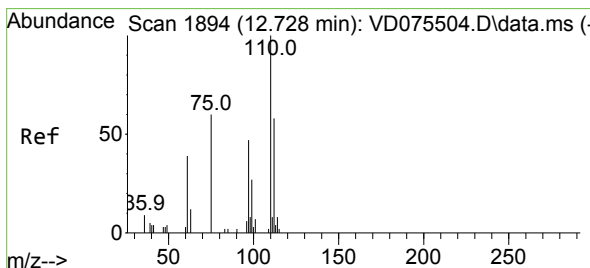
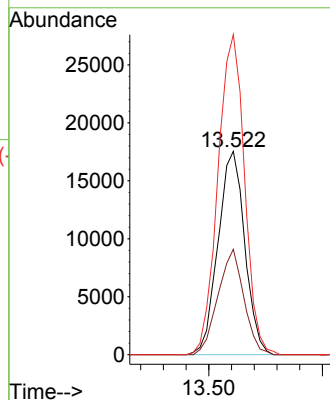
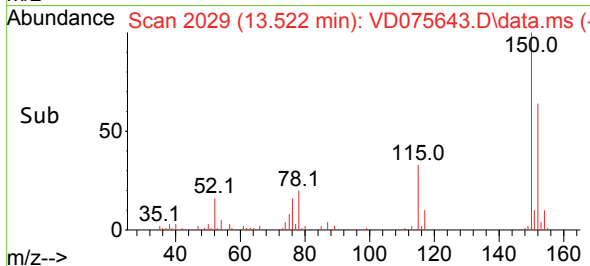


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075643.D
 Acq: 12 Apr 2023 16:47

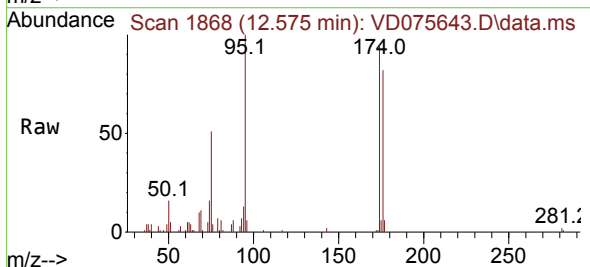
Instrument :
 MSVOA_D
 ClientSampleId :
 1960-1970RE



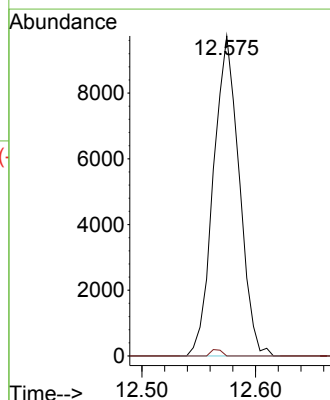
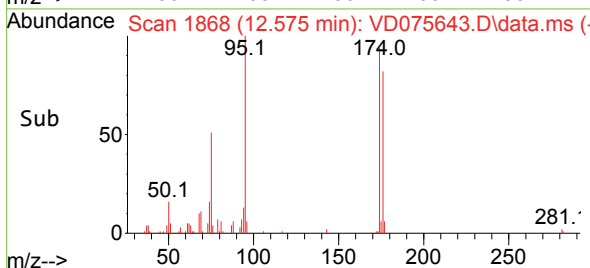
Tgt Ion:152 Resp: 28679
 Ion Ratio Lower Upper
 152 100
 115 50.2 30.1 90.3
 150 156.7 0.0 364.8

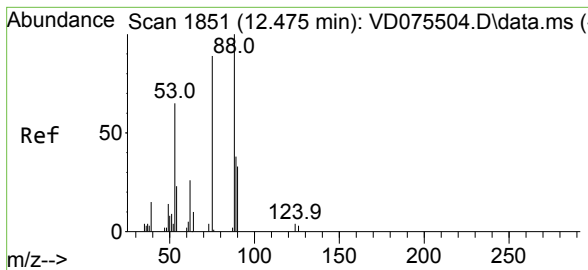


#76
 1,2,3-Trichloropropane
 Concen: 82.413 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075643.D
 Acq: 12 Apr 2023 16:47



Tgt Ion: 75 Resp: 15366
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.906 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD075643.D
 Acq: 12 Apr 2023 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 1960-1970RE

Tgt Ion:	75	Resp:	15366
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

