

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
 Data File : VD076116.D
 Acq On : 15 May 2023 14:49
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 16 18:52:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

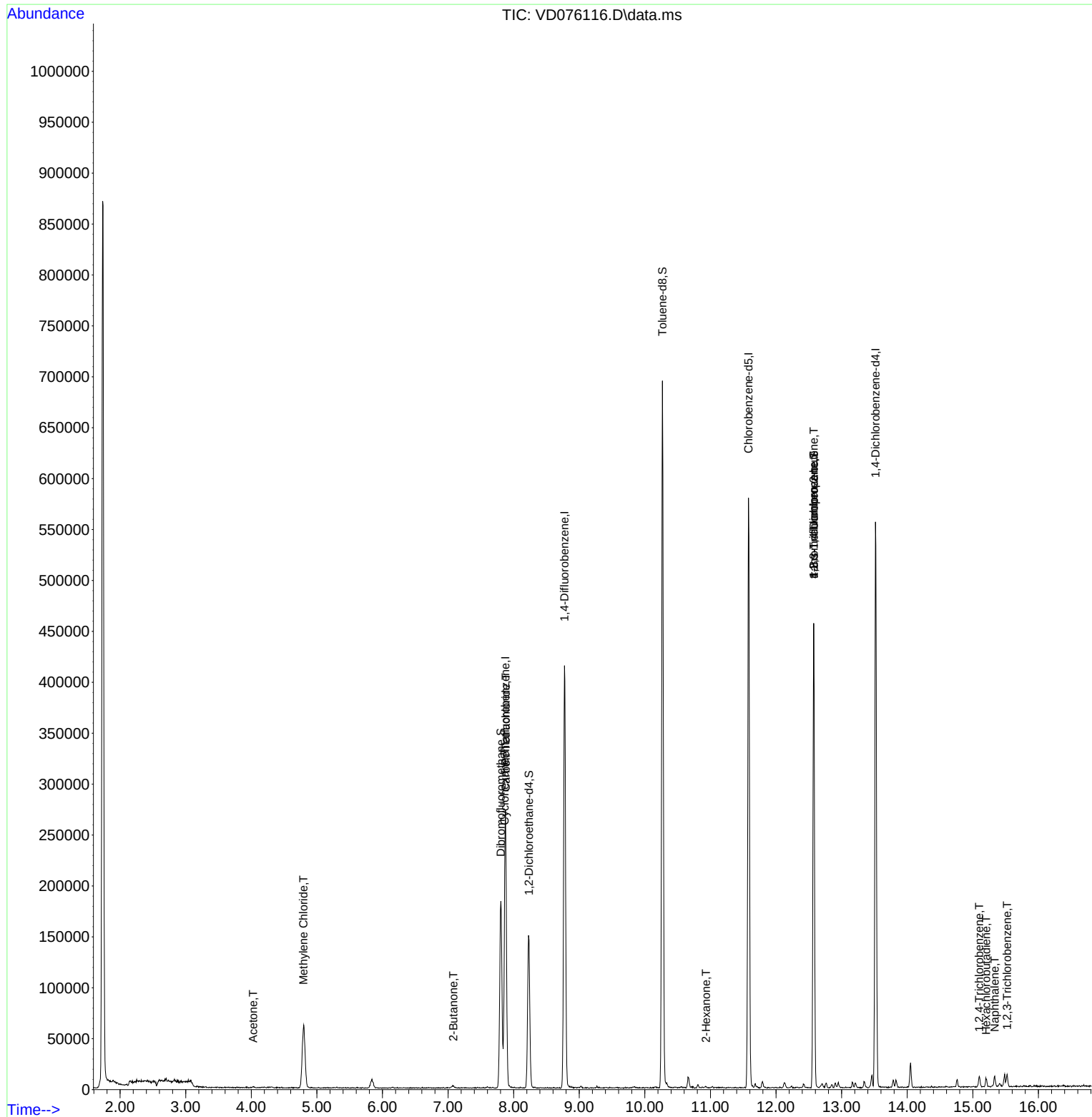
Internal Standards						
1) Pentafluorobenzene	7.875	168	232092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	403743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	371581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	115438	51.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.804	113	137012	49.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.200%	
50) Toluene-d8	10.269	98	501390	46.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.180%	
62) 4-Bromofluorobenzene	12.575	95	131211	43.418	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.840%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	1676	Below Cal	#	60
16) Acetone	4.028	43	1489	3.336	ug/l #	84
17) Carbon Disulfide	4.269	76	896	Below Cal	#	73
20) Methylene Chloride	4.793	84	53366	7.382	ug/l #	73
25) 2-Butanone	7.081	43	863	1.538	ug/l #	50
31) Cyclohexane	7.863	56	4501	1.310	ug/l #	1
38) Carbon Tetrachloride	7.881	117	19344	5.682	ug/l #	17
59) 2-Hexanone	10.934	43	1300	1.422	ug/l	92
76) 1,2,3-Trichloropropane	12.575	75	64375	44.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	64375	92.485	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.098	180	4159	1.362	ug/l	89
94) Hexachlorobutadiene	15.204	225	2248	1.444	ug/l	79
95) Naphthalene	15.333	128	10222	1.802	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	5071	1.826	ug/l	93

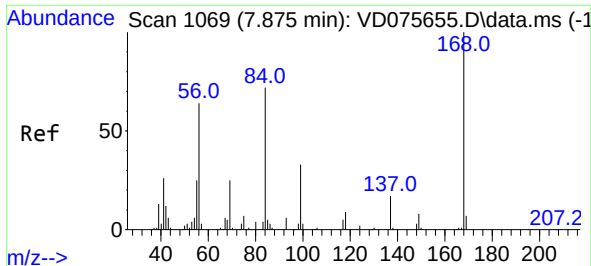
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
Data File : VD076116.D
Acq On : 15 May 2023 14:49
Operator : KP/SY
Sample : VIBLK
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 16 18:52:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

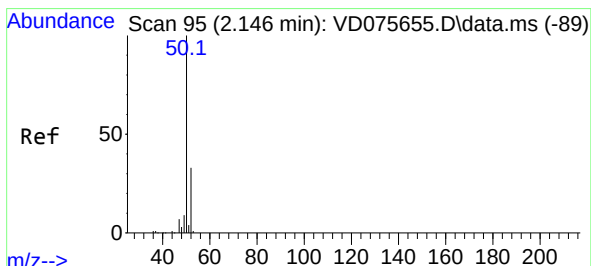
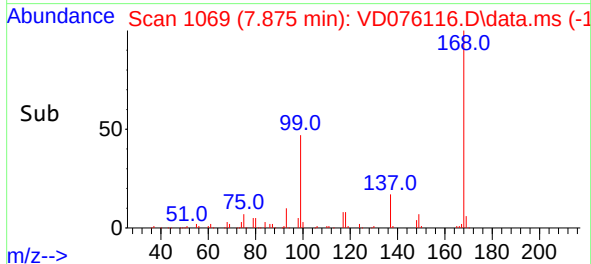
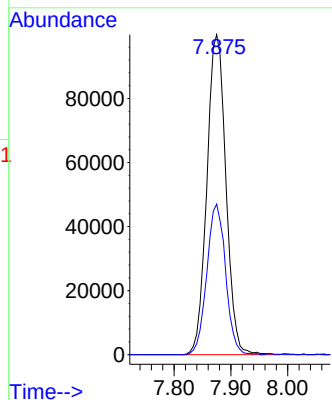
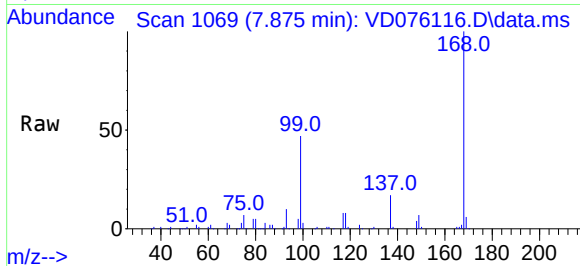




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

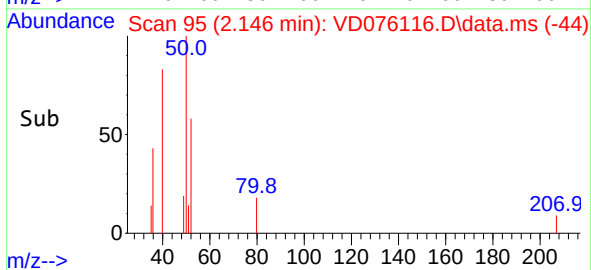
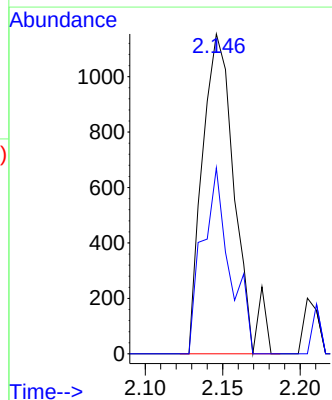
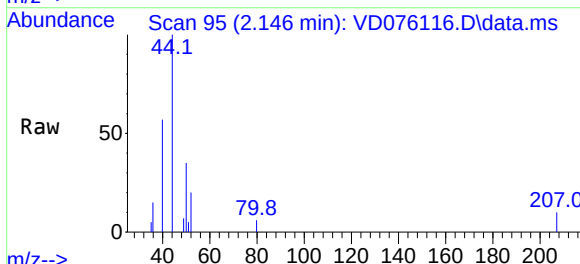
Instrument :
MSVOA_D
ClientSampleId :

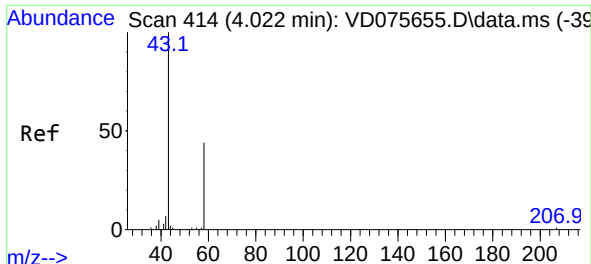
Tgt Ion:168 Resp: 232092
Ion Ratio Lower Upper
168 100
99 47.0 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Tgt Ion: 50 Resp: 1676
Ion Ratio Lower Upper
50 100
52 58.1 27.8 41.8#

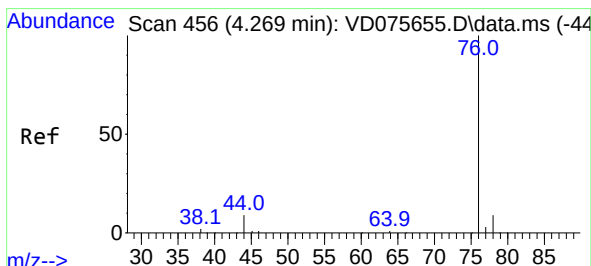
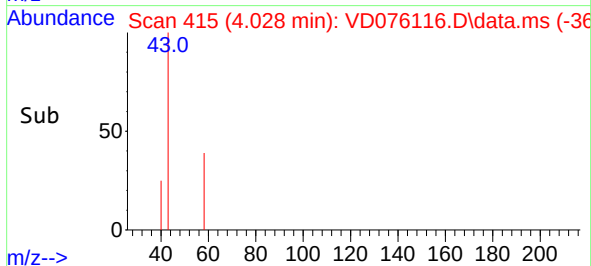
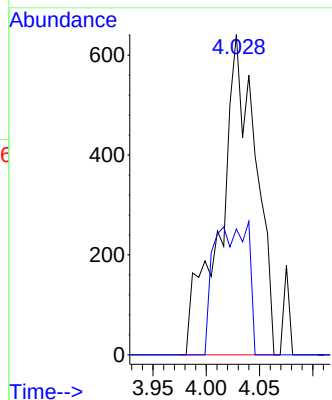
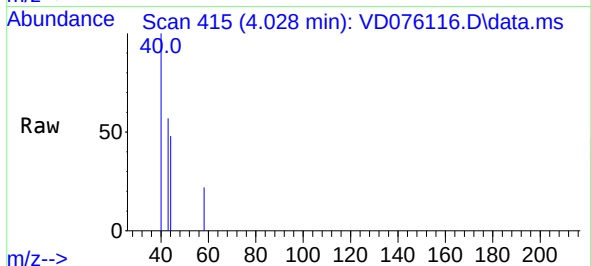




#16
Acetone
Concen: 3.336 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

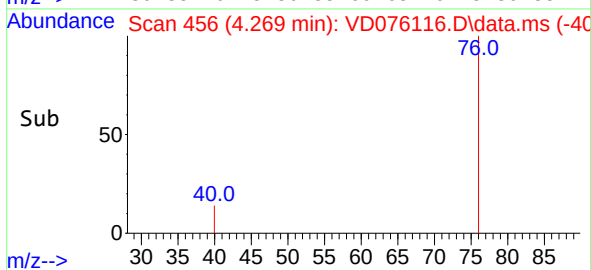
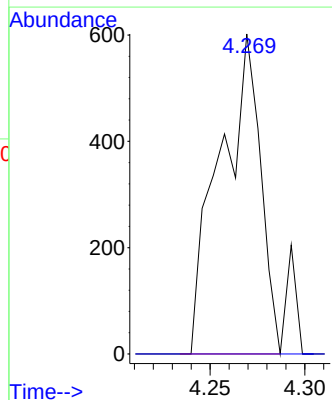
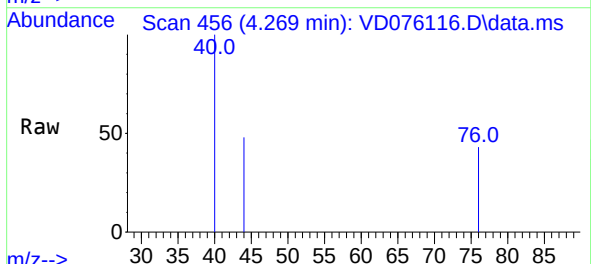
Instrument :
MSVOA_D
ClientSampleId :

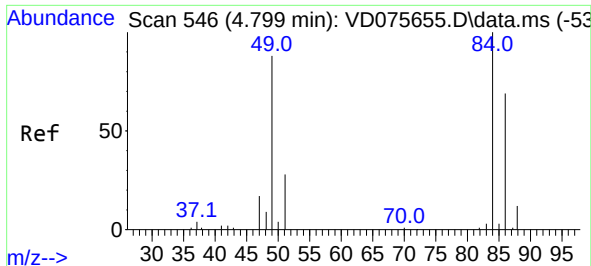
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 39.3 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

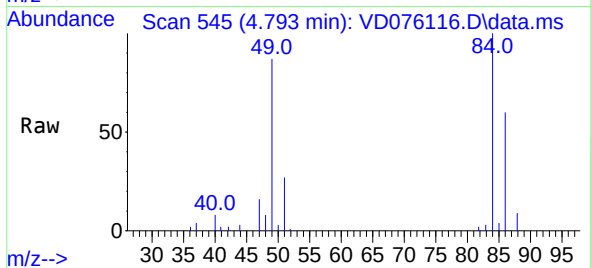
Tgt Ion: 76 Resp: 896
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#





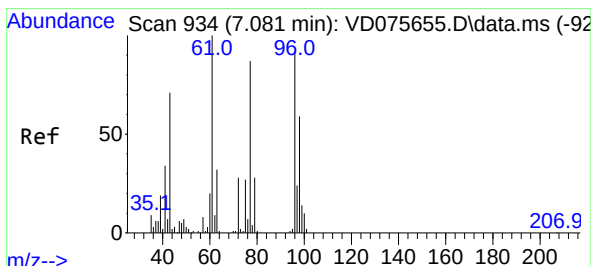
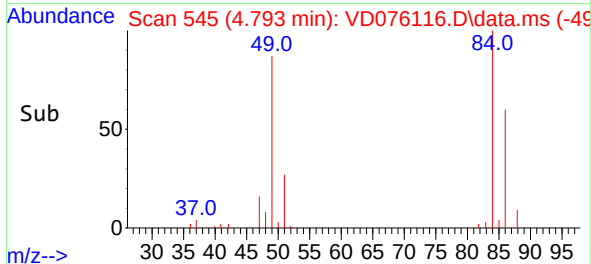
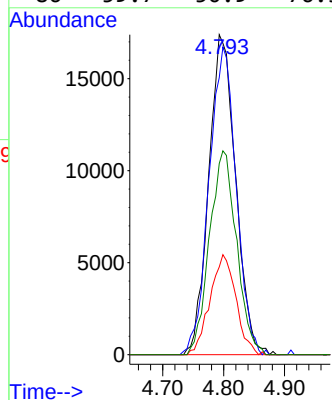
#20
Methylene Chloride
Concen: 7.382 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 53366

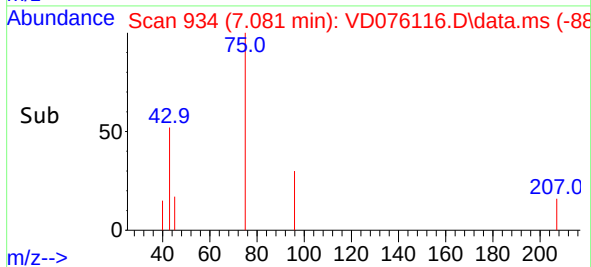
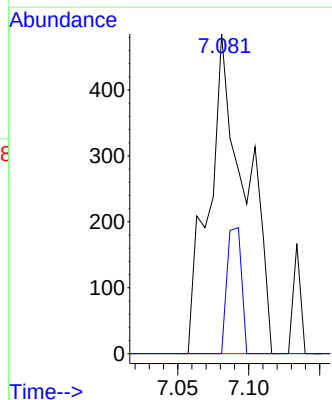
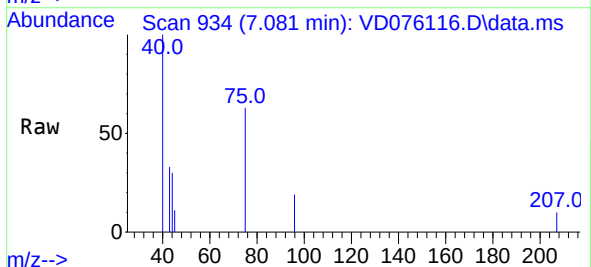
Ion	Ratio	Lower	Upper
84	100		
49	86.5	106.4	159.6#
51	27.4	32.4	48.6#
86	59.7	50.9	76.3

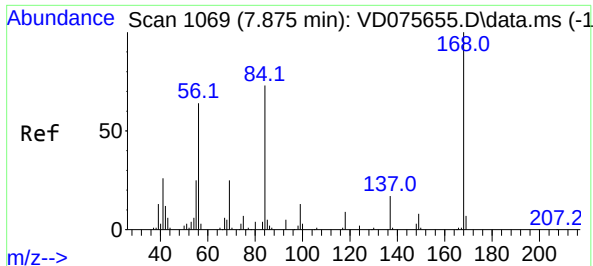


#25
2-Butanone
Concen: 1.538 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Tgt Ion: 43 Resp: 863

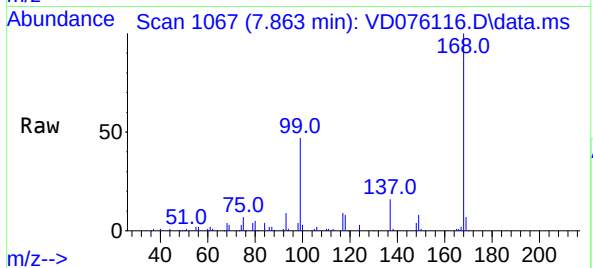
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



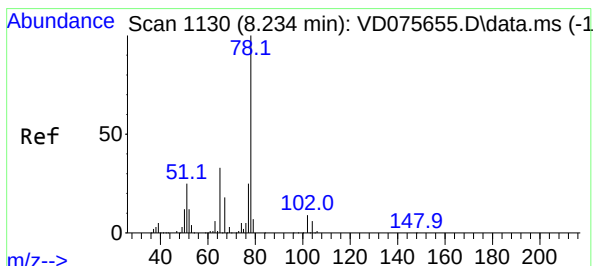
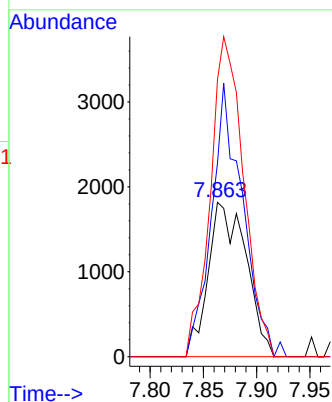
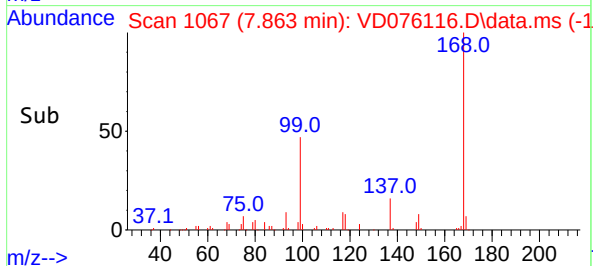


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Instrument :
MSVOA_D
ClientSampleId :

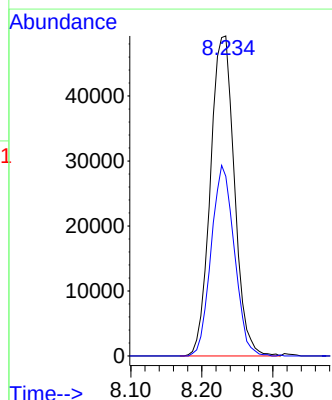
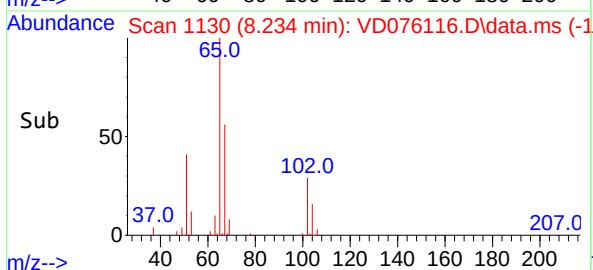
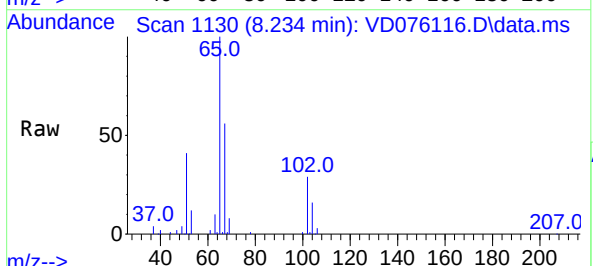


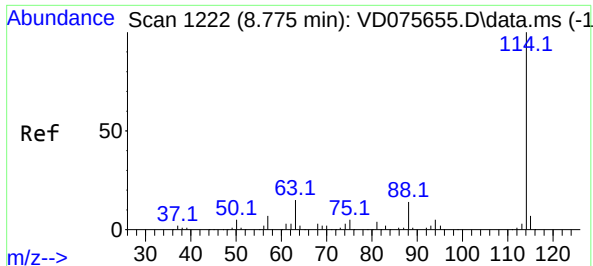
Tgt Ion: 56 Resp: 4501
Ion Ratio Lower Upper
56 100
69 125.4 25.5 38.3#
84 179.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 51.463 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Tgt Ion: 65 Resp: 115438
Ion Ratio Lower Upper
65 100
67 57.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076116.D

Acq: 15 May 2023 14:49

Instrument :

MSVOA_D

ClientSampleId :

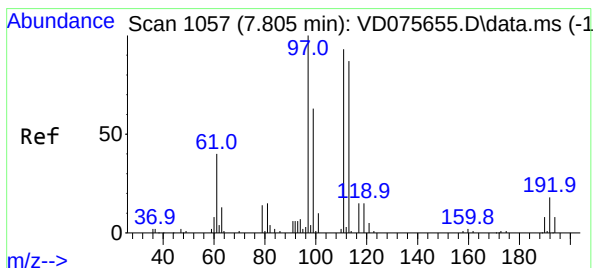
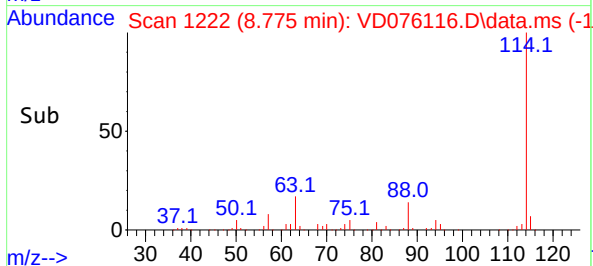
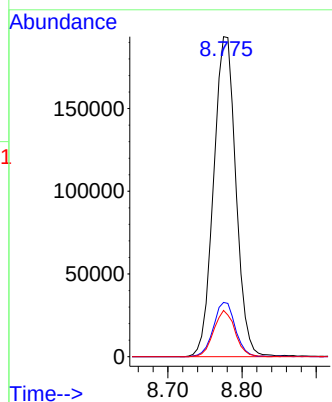
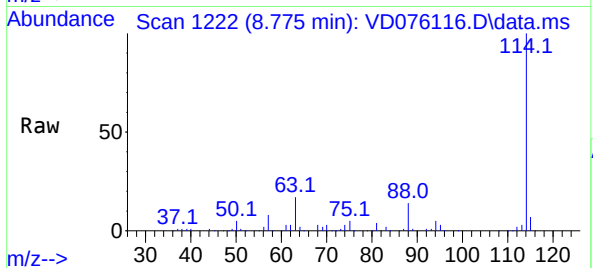
Tgt Ion:114 Resp: 403743

Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.095 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076116.D

Acq: 15 May 2023 14:49

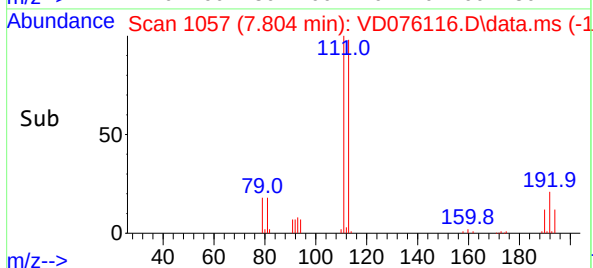
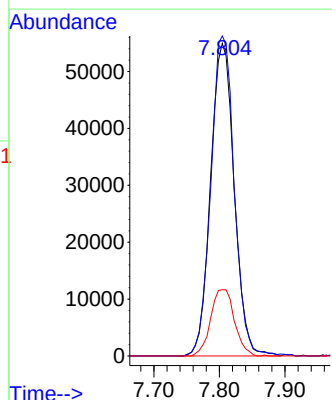
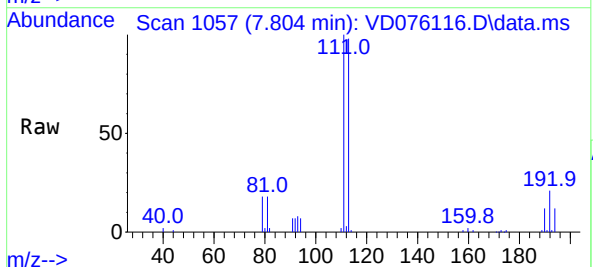
Tgt Ion:113 Resp: 137012

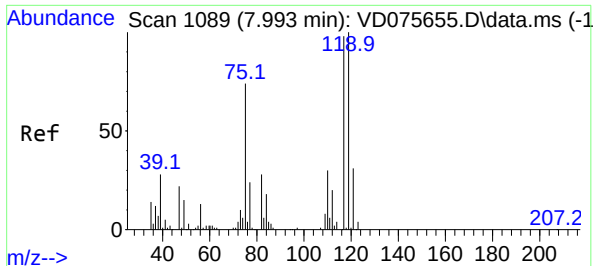
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

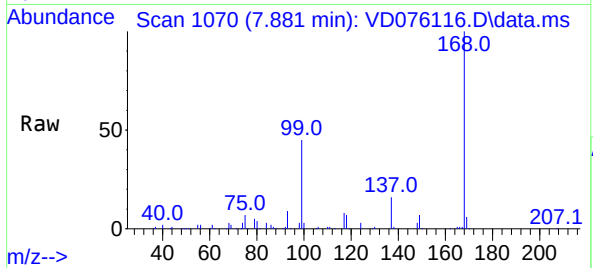
192 21.4 15.2 22.8



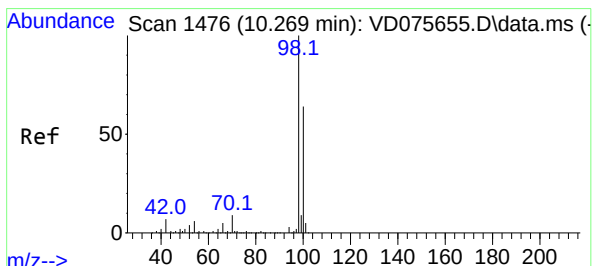
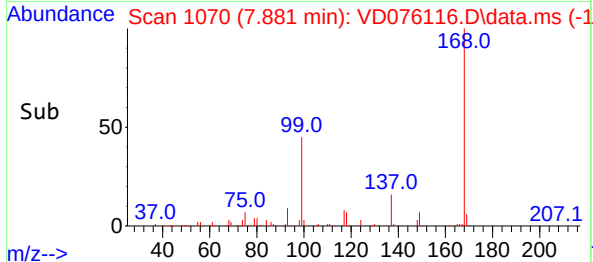
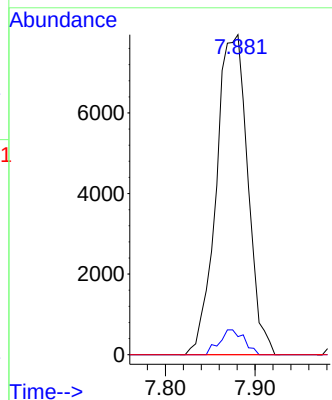


#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Instrument :
MSVOA_D
ClientSampleId :

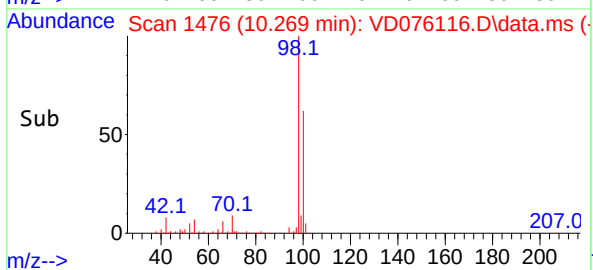
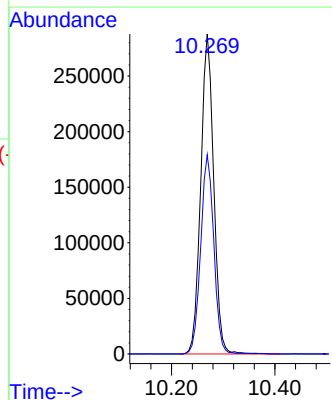
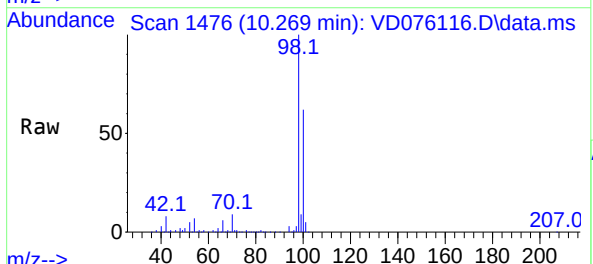


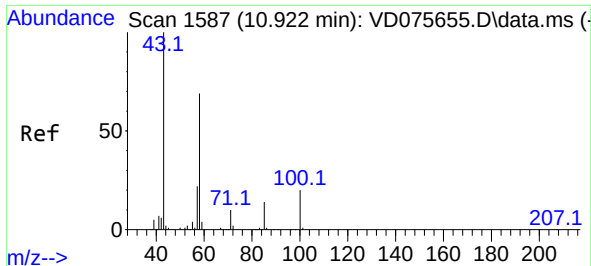
Tgt Ion:117 Resp: 19344
Ion Ratio Lower Upper
117 100
119 5.7 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 46.088 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

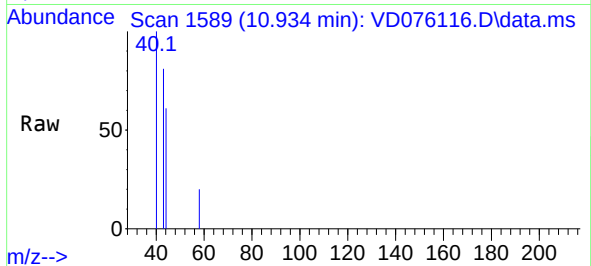
Tgt Ion: 98 Resp: 501390
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



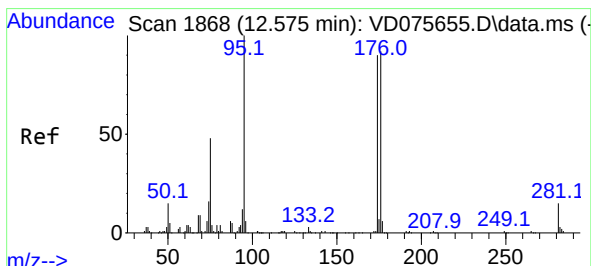
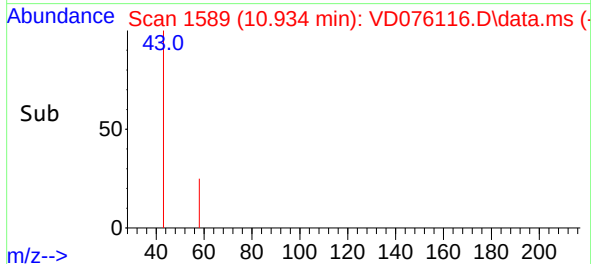
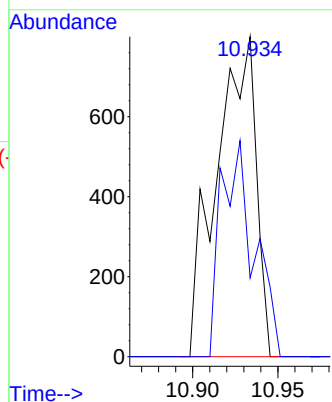


#59
2-Hexanone
Concen: 1.422 ug/l
RT: 10.934 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Instrument :
MSVOA_D
ClientSampleId :

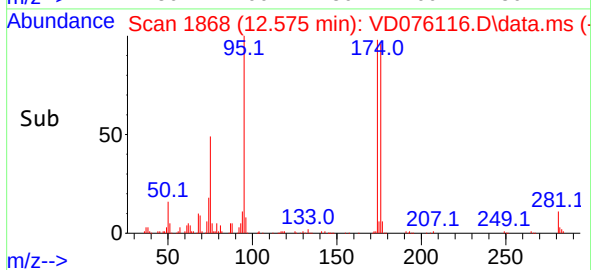
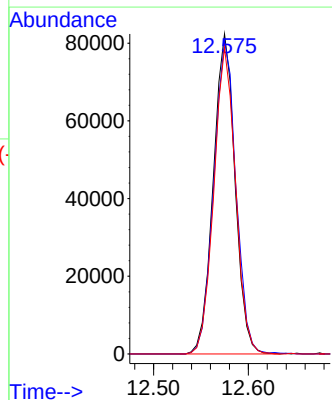
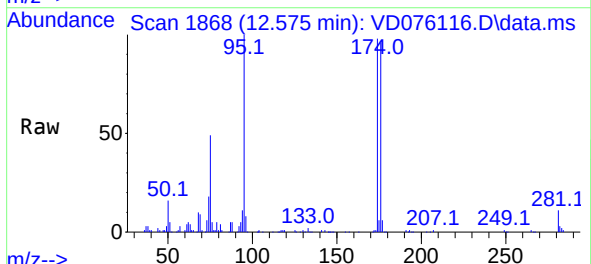


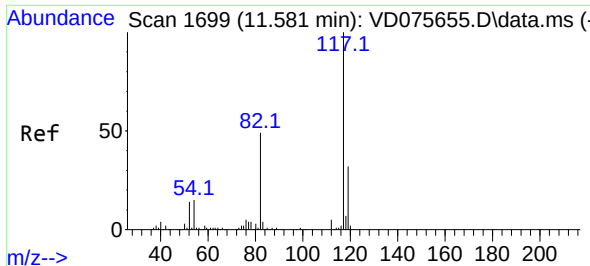
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 55.8 25.3 75.8



#62
4-Bromofluorobenzene
Concen: 43.418 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

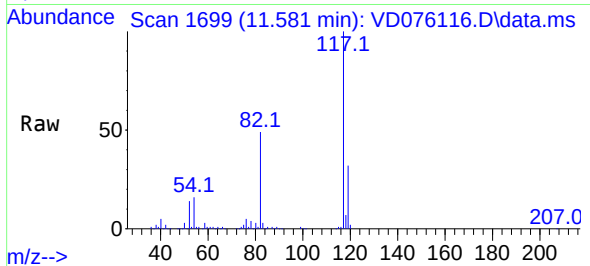
Tgt Ion: 95 Resp: 131211
Ion Ratio Lower Upper
95 100
174 100.0 0.0 164.0
176 95.5 0.0 156.8



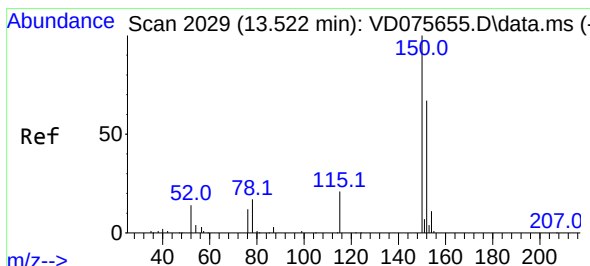
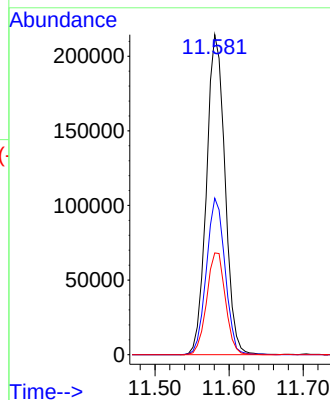
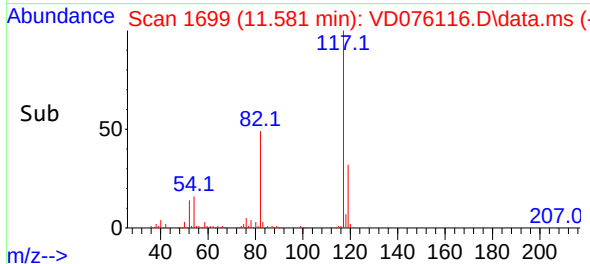


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

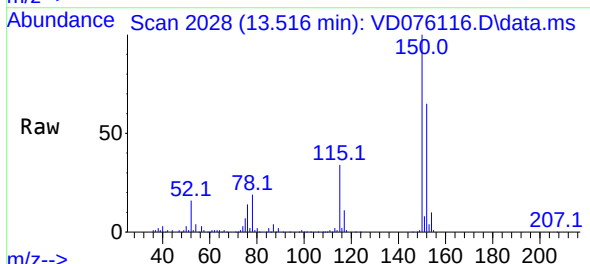
Instrument :
MSVOA_D
ClientSampleId :



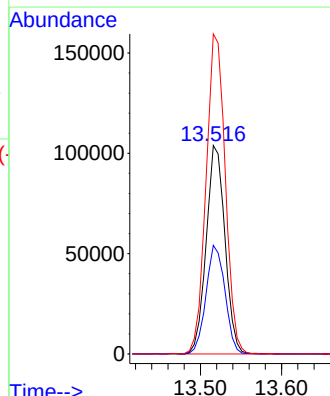
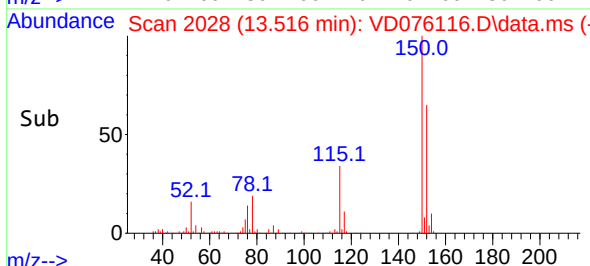
Tgt Ion:117 Resp: 371581
Ion Ratio Lower Upper
117 100
82 48.9 44.0 66.0
119 31.8 25.1 37.7

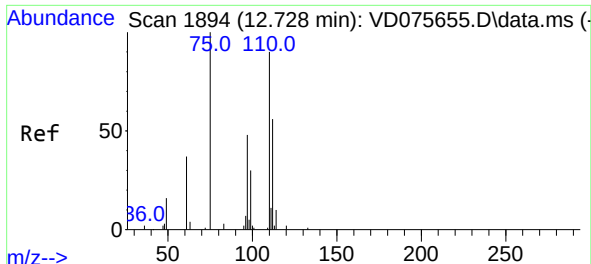


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49



Tgt Ion:152 Resp: 166865
Ion Ratio Lower Upper
152 100
115 52.6 30.1 90.3
150 156.7 0.0 364.8

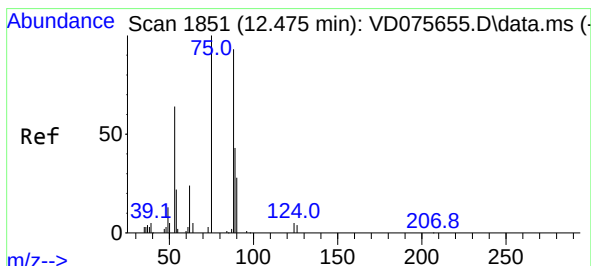
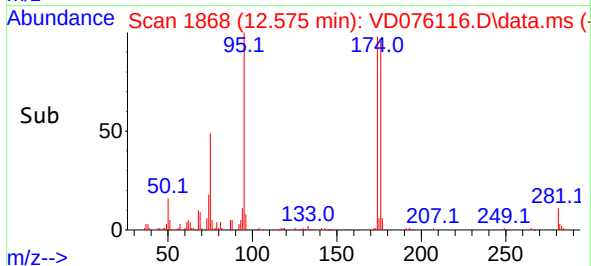
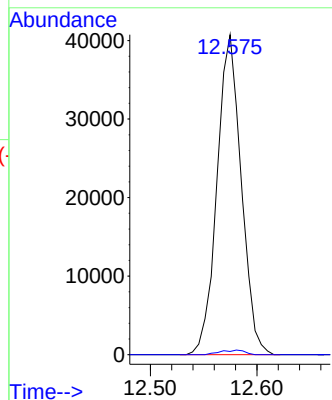
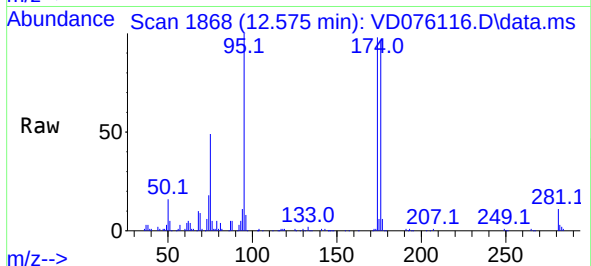




#76
1,2,3-Trichloropropane
Concen: 44.086 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

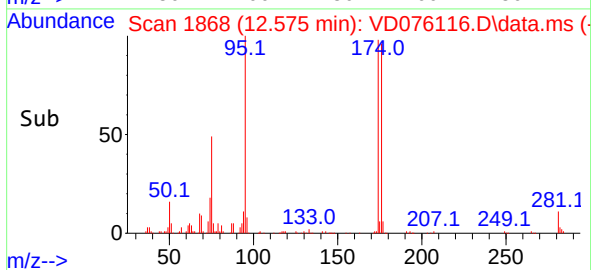
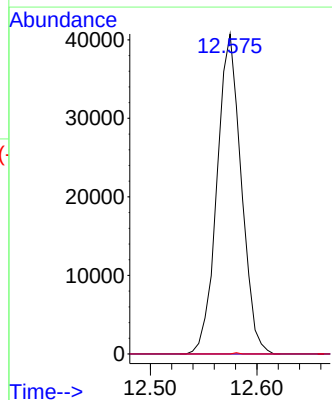
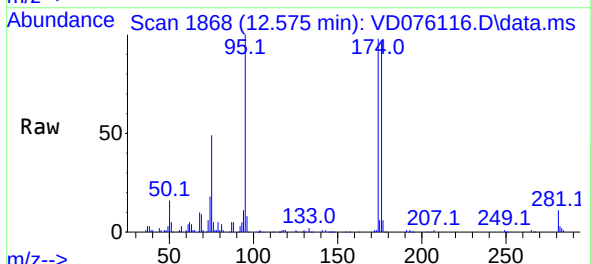
Instrument :
MSVOA_D
ClientSampleId :

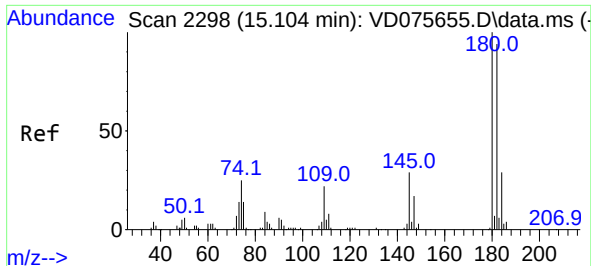
Tgt Ion: 75 Resp: 64375
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.485 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

Tgt Ion: 75 Resp: 64375
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 40.2 60.4#

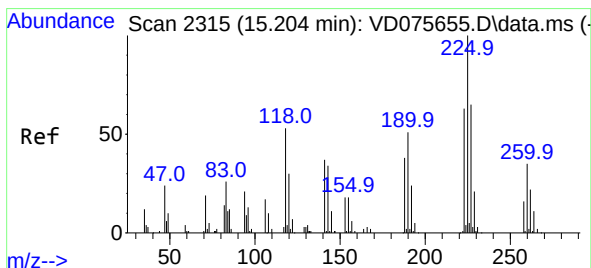
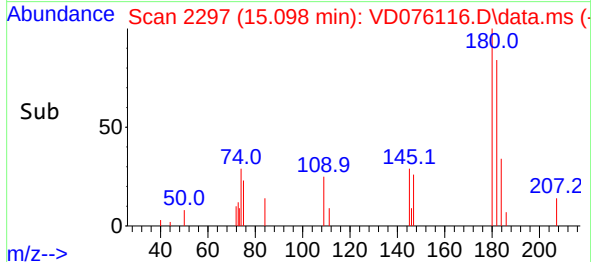
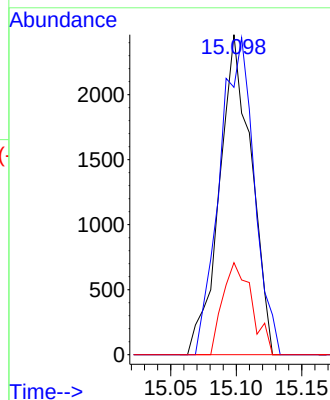
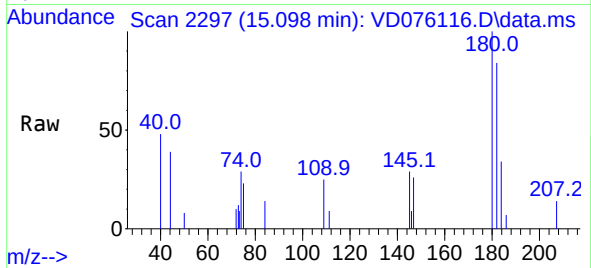




#93
1,2,4-Trichlorobenzene
Concen: 1.362 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

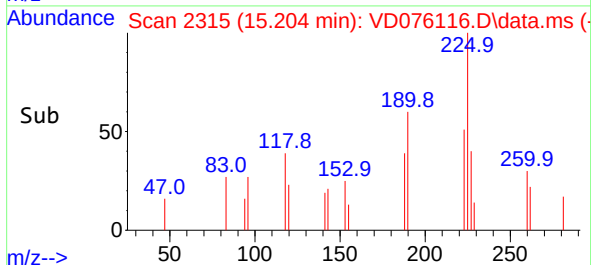
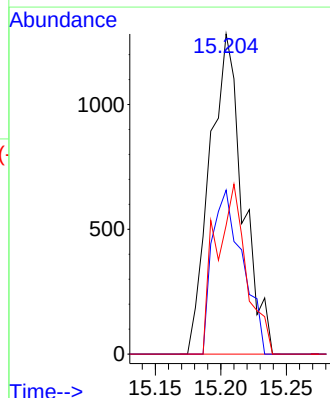
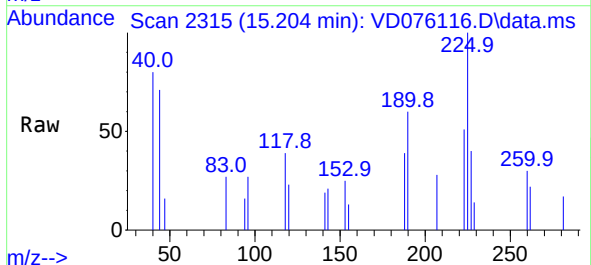
Instrument :
MSVOA_D
ClientSampleId :

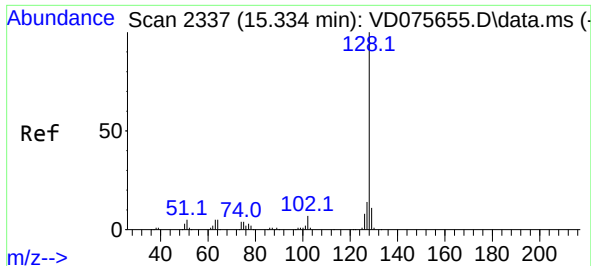
Tgt Ion:	180	Resp:	4159
Ion	Ratio	Lower	Upper
180	100		
182	107.3	47.9	143.7
145	26.2	15.9	47.7



#94
Hexachlorobutadiene
Concen: 1.444 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

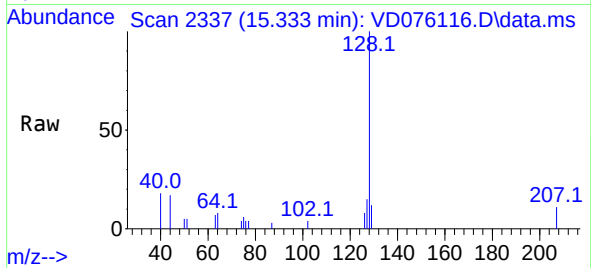
Tgt Ion:	225	Resp:	2248
Ion	Ratio	Lower	Upper
225	100		
223	47.1	33.1	99.2
227	49.0	31.9	95.9



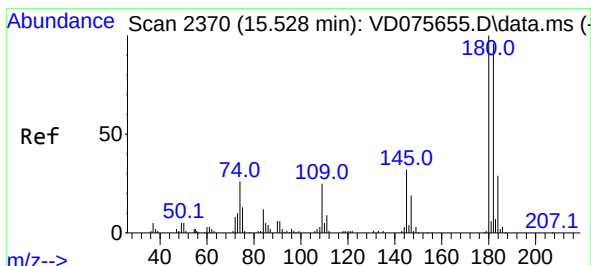
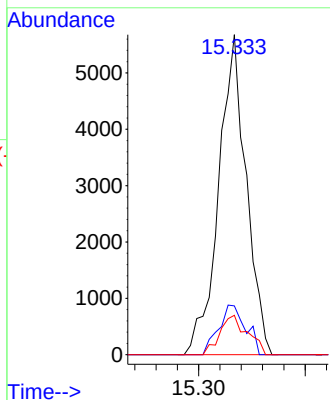
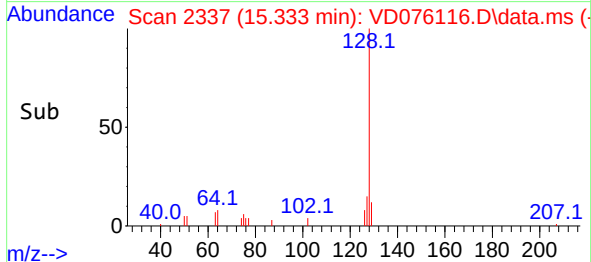


#95
Naphthalene
Concen: 1.802 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49

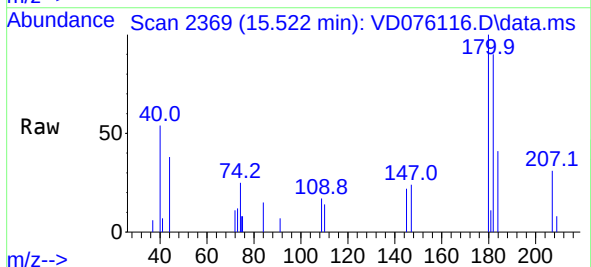
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	10222
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.4	15.6
129	12.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.826 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076116.D
Acq: 15 May 2023 14:49



Tgt Ion:	180	Resp:	5071
Ion	Ratio	Lower	Upper
180	100		
182	88.6	47.7	143.1
145	27.9	16.4	49.4

