

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071528.D
 Acq On : 29 Dec 2021 14:57
 Operator : VA/SY
 Sample : M5223-05RE
 Misc : 7.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-17-(15-20)-12-22-21

Quant Time: Dec 29 15:30:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

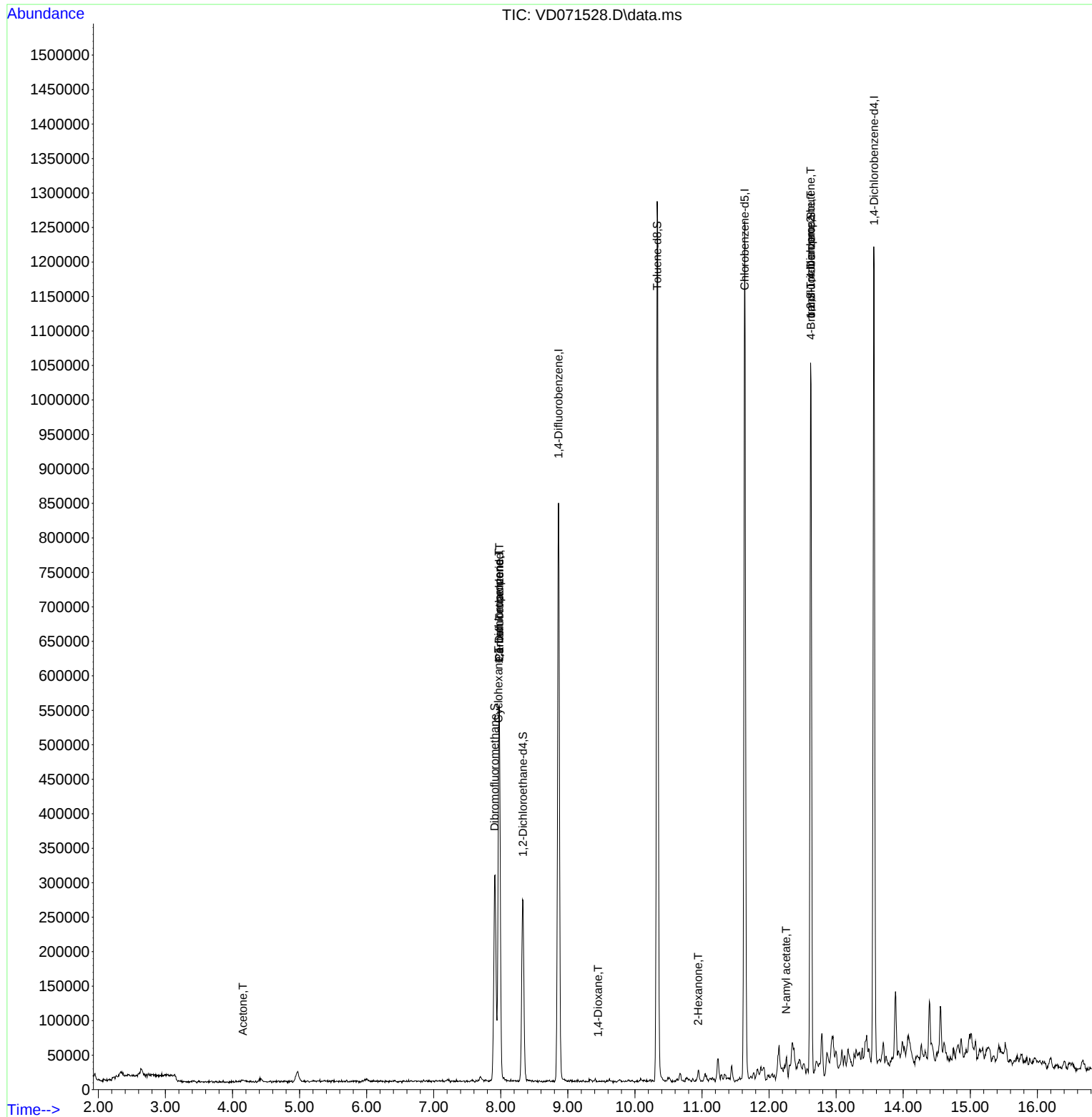
Internal Standards						
1) Pentafluorobenzene	7.979	168	379221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	654519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	628764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	292428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	214249	42.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.080%		
35) Dibromofluoromethane	7.908	113	208066	47.300	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.600%		
50) Toluene-d8	10.332	98	831919	50.045	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.626	95	290561	49.188	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.380%		
Target Compounds						
11) Tert butyl alcohol	5.203	59	286	Below Cal	#	71
16) Acetone	4.156	43	3228	2.552	ug/l	90
20) Methylene Chloride	4.962	84	10244	Below Cal		96
31) Cyclohexane	7.967	56	11557	1.351	ug/l	# 59
36) 1,1-Dichloropropene	7.973	75	36733	5.227	ug/l	# 48
38) Carbon Tetrachloride	7.979	117	40802	5.885	ug/l	# 17
49) 1,4-Dioxane	9.450	88	57	1.862	ug/l	# 1
59) 2-Hexanone	10.944	43	6256	2.613	ug/l	# 25
74) N-amyl acetate	12.255	43	7090	1.172	ug/l	# 68
76) 1,2,3-Trichloropropane	12.620	75	167419	48.184	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	167419	136.146	ug/l	# 19

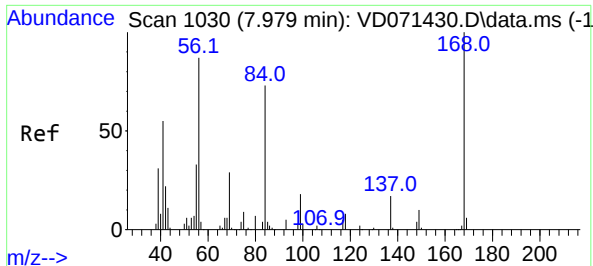
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
Data File : VD071528.D
Acq On : 29 Dec 2021 14:57
Operator : VA/SY
Sample : M5223-05RE
Misc : 7.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

Quant Time: Dec 29 15:30:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

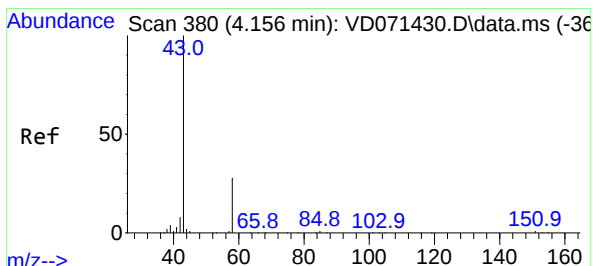
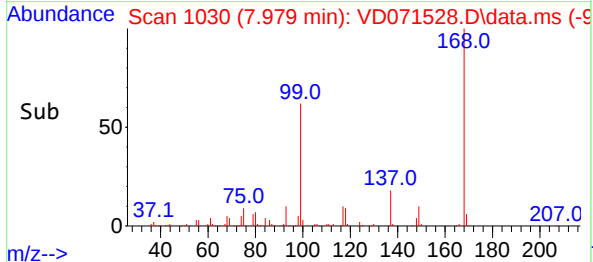
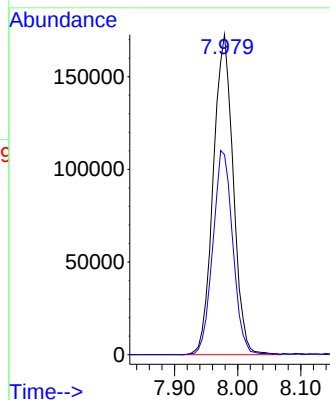
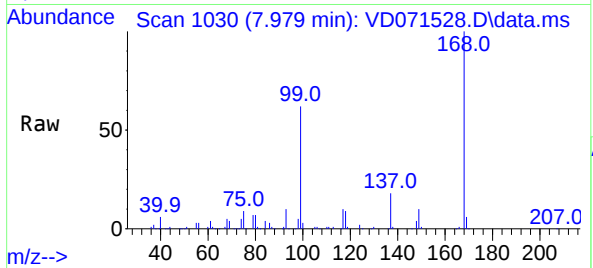




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

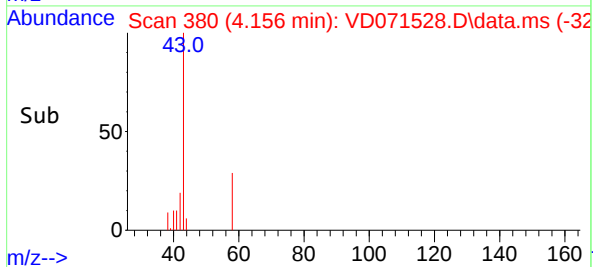
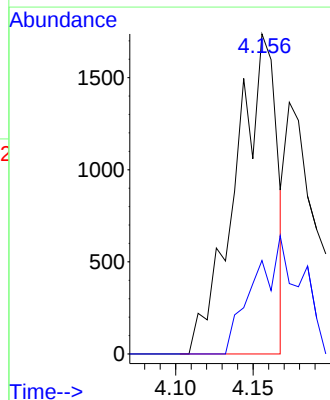
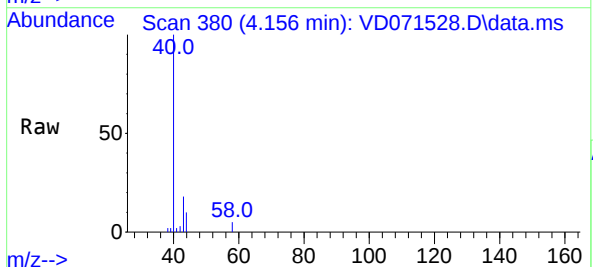
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

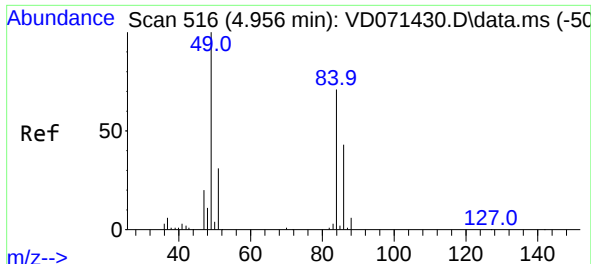
Tgt Ion:168 Resp: 379221
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#16
Acetone
Concen: 2.552 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 43 Resp: 3228
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8

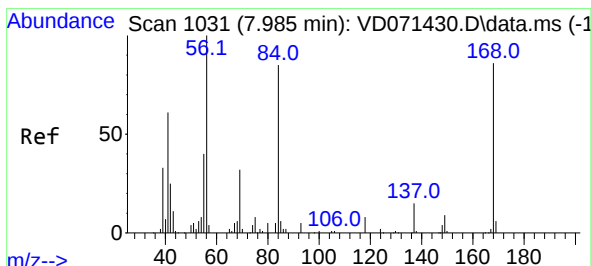
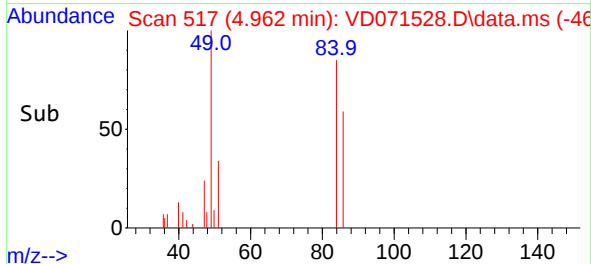
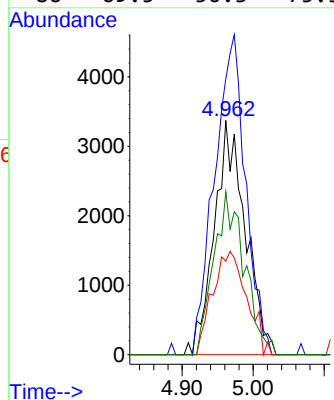
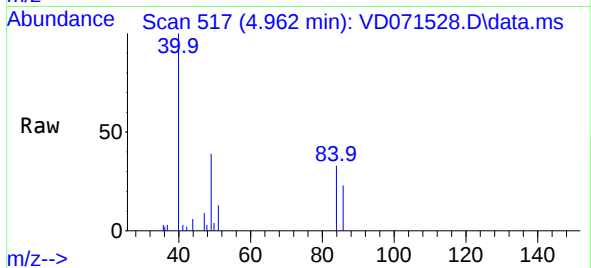




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

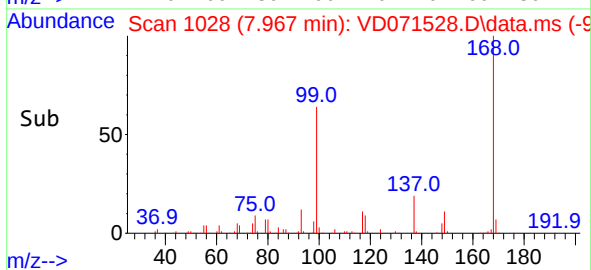
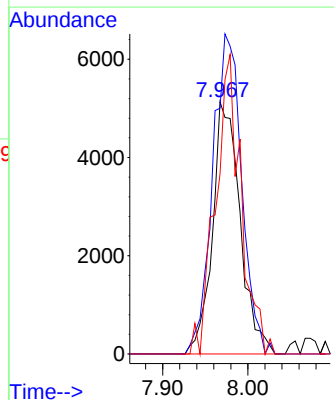
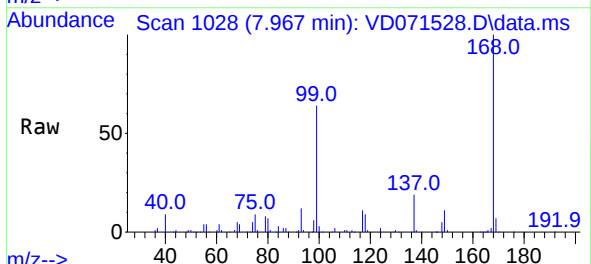
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

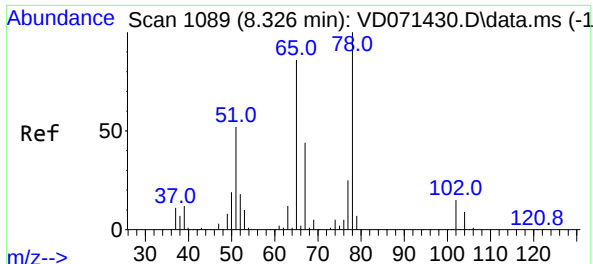
Tgt Ion:	84	Resp:	10244
Ion	Ratio	Lower	Upper
84	100		
49	117.8	95.8	143.6
51	39.9	30.9	46.3
86	69.5	50.3	75.5



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion:	56	Resp:	11557
Ion	Ratio	Lower	Upper
56	100		
69	97.5	25.9	38.9#
84	71.4	64.3	96.5

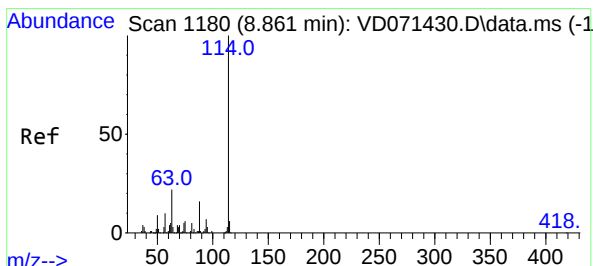
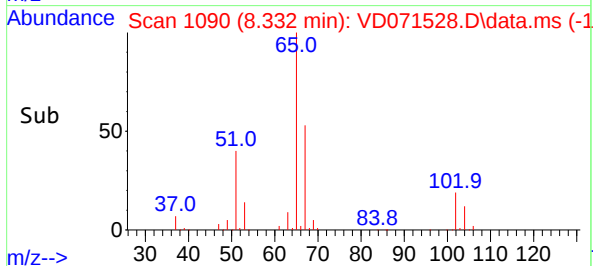
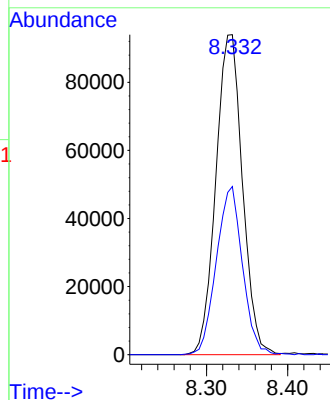
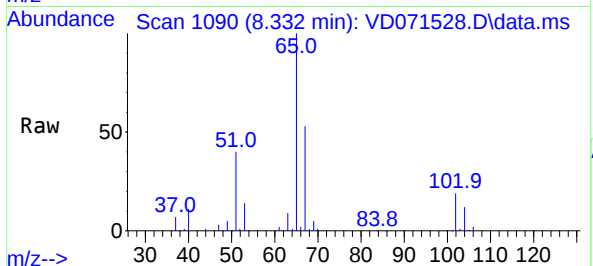




#33
1,2-Dichloroethane-d4
Concen: 42.540 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

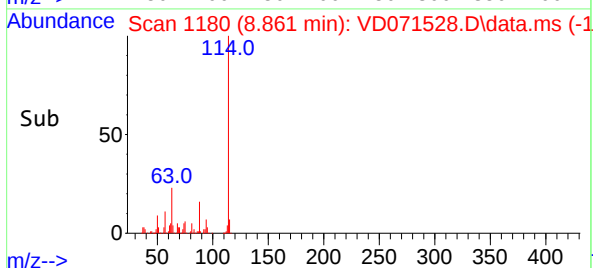
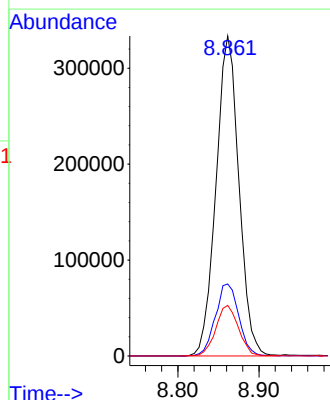
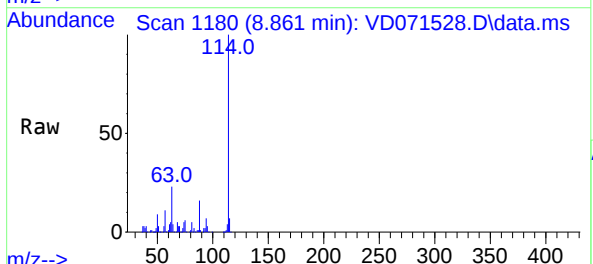
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

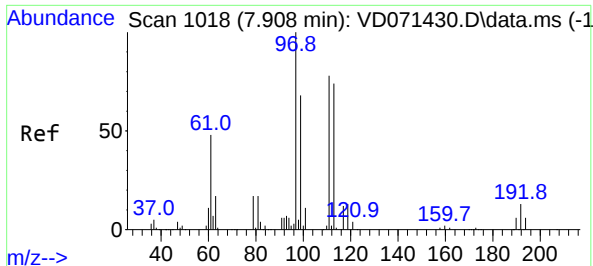
Tgt Ion: 65 Resp: 214249
Ion Ratio Lower Upper
65 100
67 51.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion:114 Resp: 654519
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.8
88 15.8 0.0 32.8

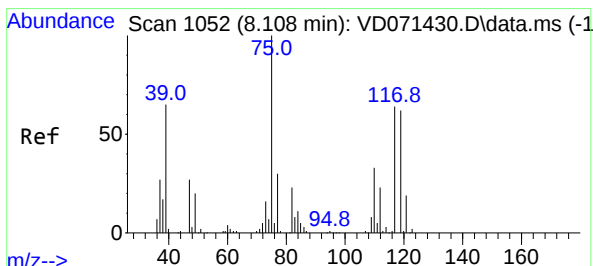
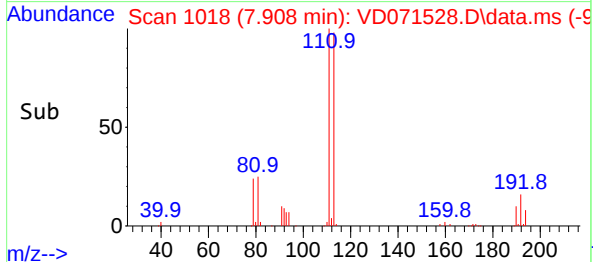
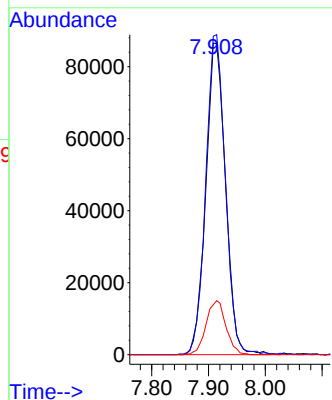
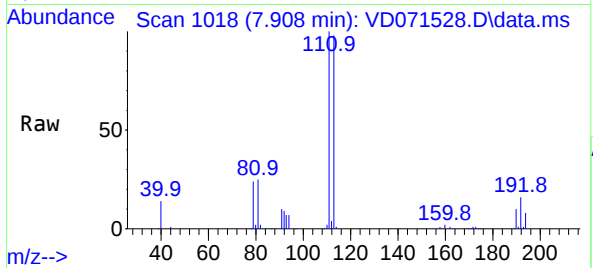




#35
Dibromofluoromethane
Concen: 47.300 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

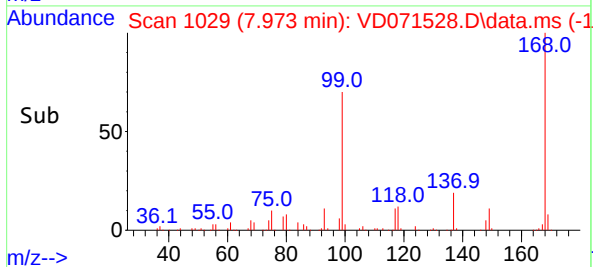
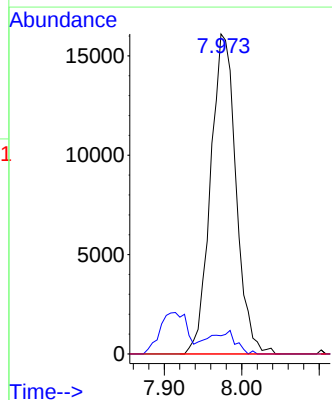
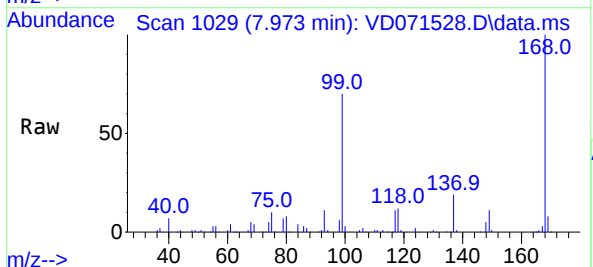
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

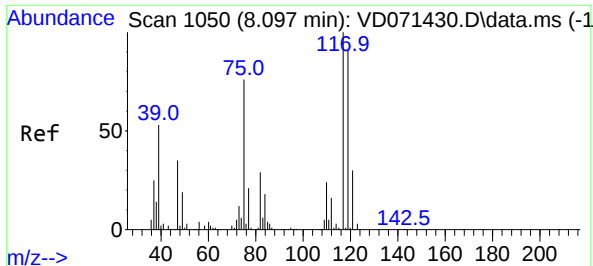
Tgt Ion:113 Resp: 208066
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 17.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.227 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 75 Resp: 36733
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.4#
77 0.0 24.8 37.2#

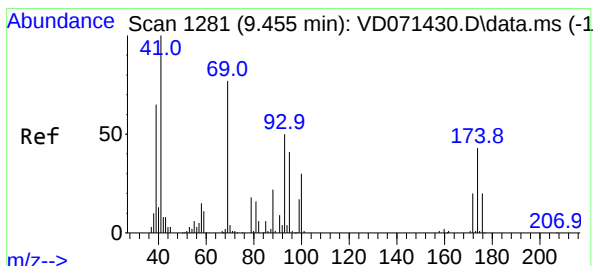
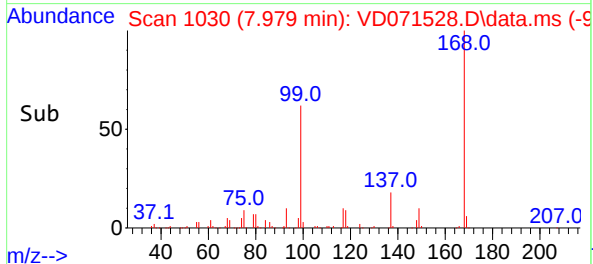
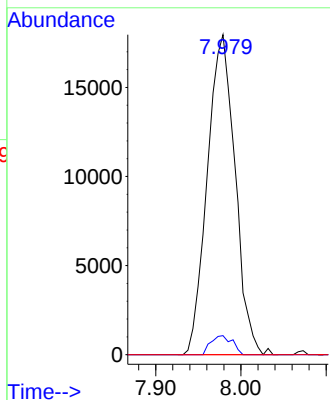
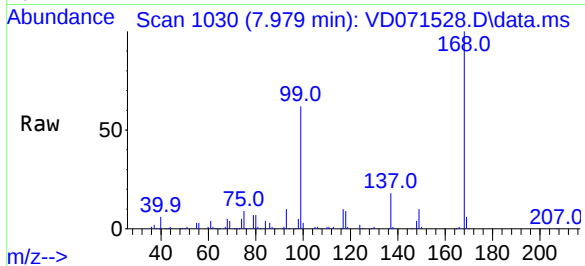




#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

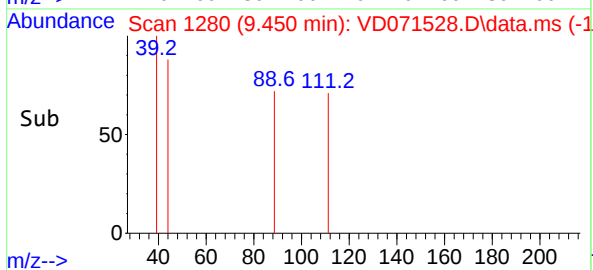
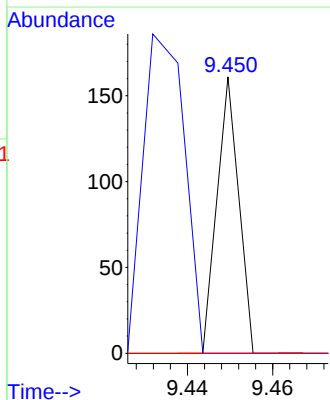
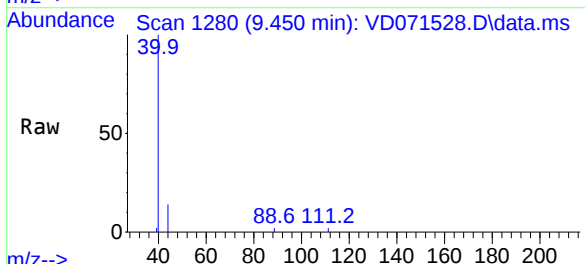
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

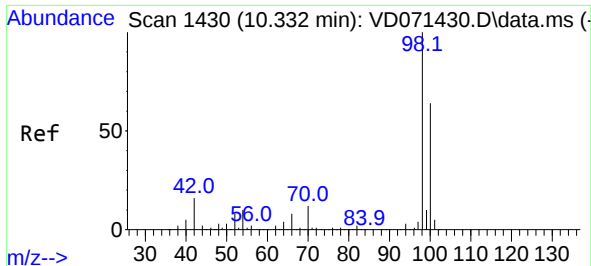
Tgt Ion:117 Resp: 40802
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.862 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.005 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 219.3 28.9 43.3#
58 0.0 56.3 84.5#

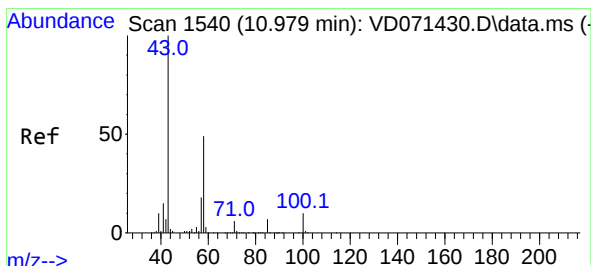
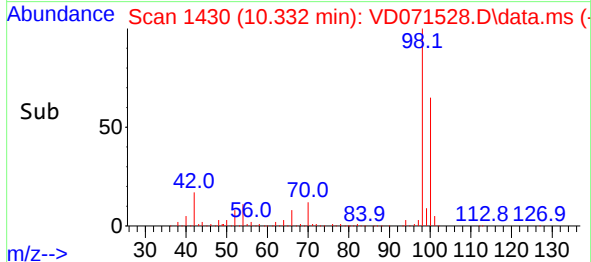
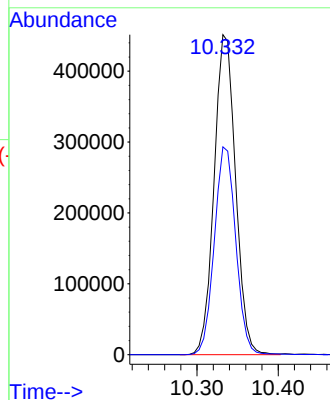
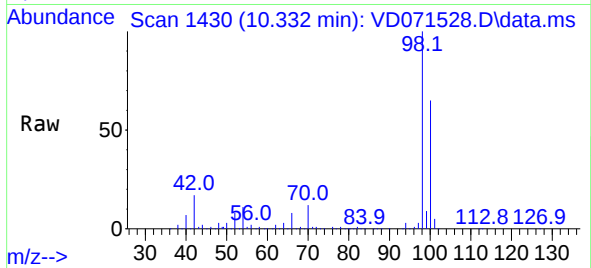




#50
Toluene-d8
Concen: 50.045 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

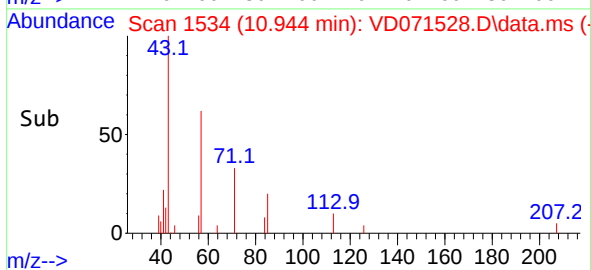
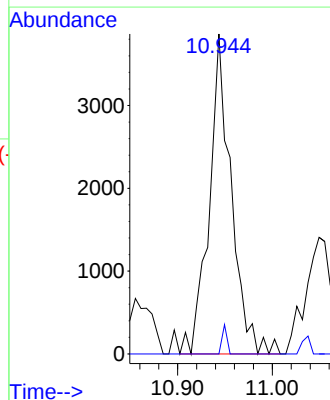
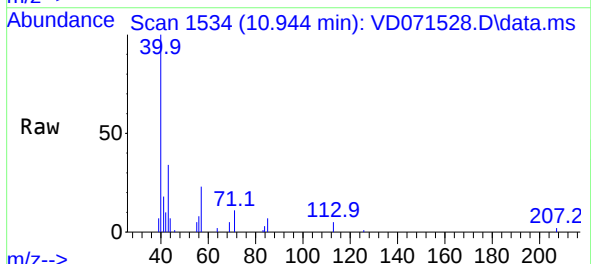
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

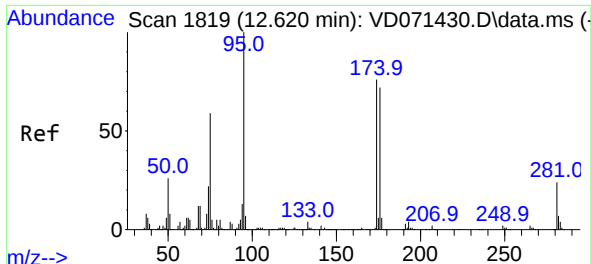
Tgt Ion: 98 Resp: 831919
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#59
2-Hexanone
Concen: 2.613 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 43 Resp: 6256
Ion Ratio Lower Upper
43 100
58 2.0 28.7 86.1#

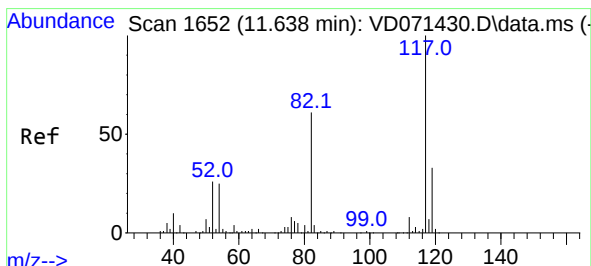
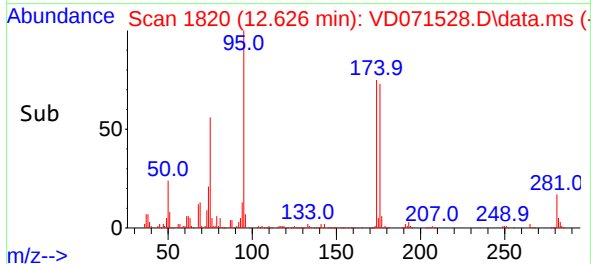
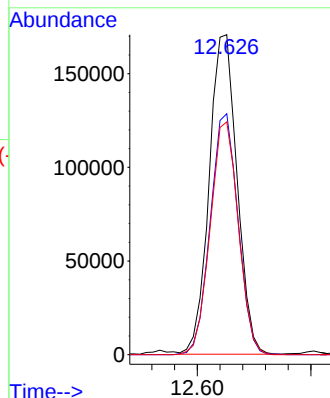
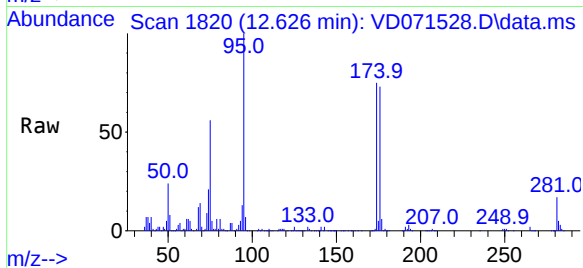




#62
4-Bromofluorobenzene
Concen: 49.188 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

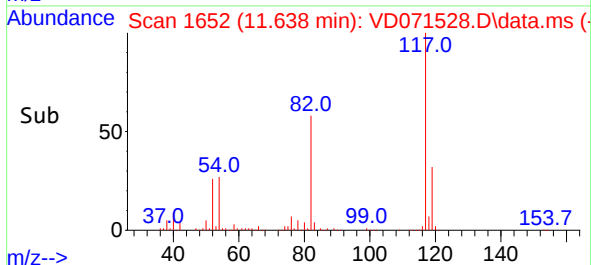
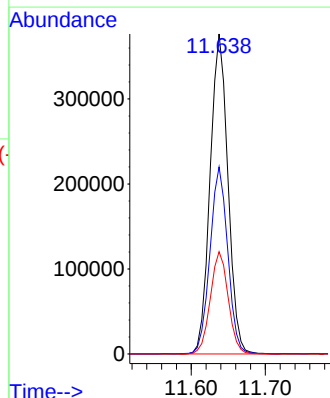
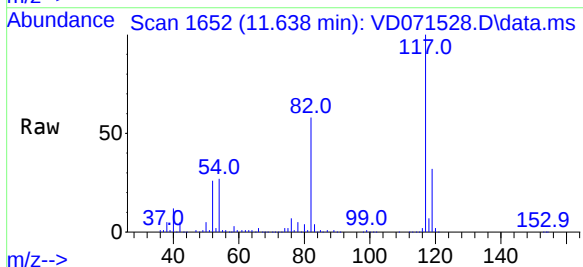
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

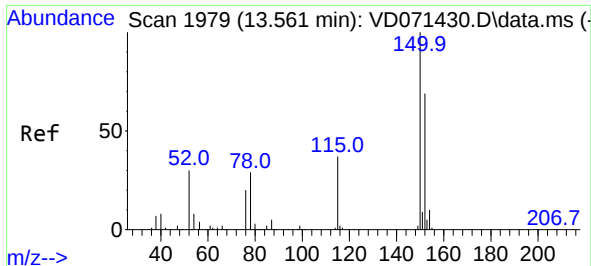
Tgt Ion:	95	Resp:	290561
Ion Ratio	Lower	Upper	
95	100		
174	75.2	0.0	159.4
176	73.3	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion:	117	Resp:	628764
Ion Ratio	Lower	Upper	
117	100		
82	58.4	44.7	67.1
119	32.0	26.2	39.4

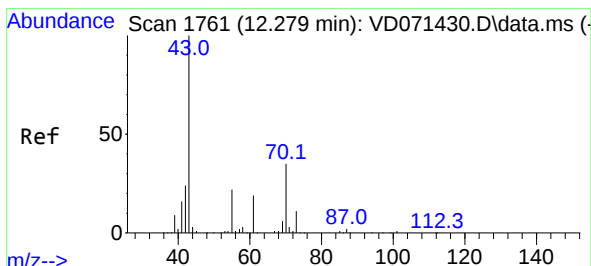
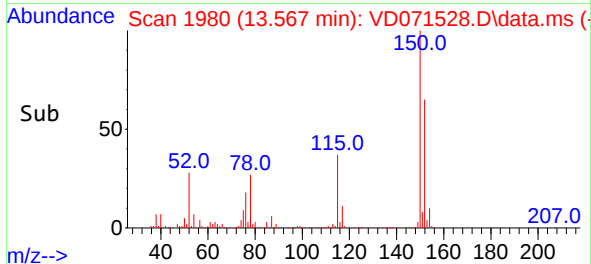
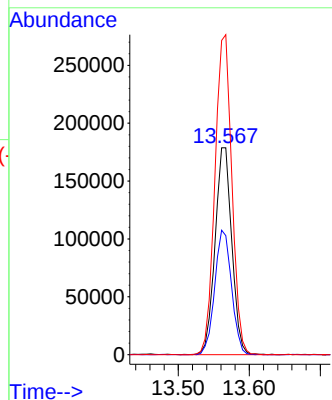
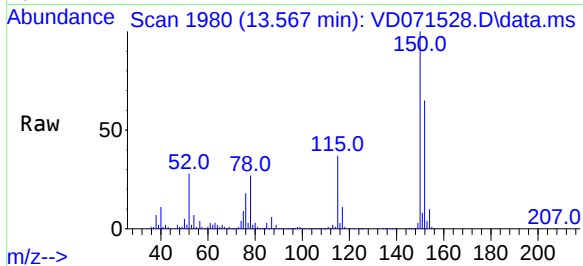




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

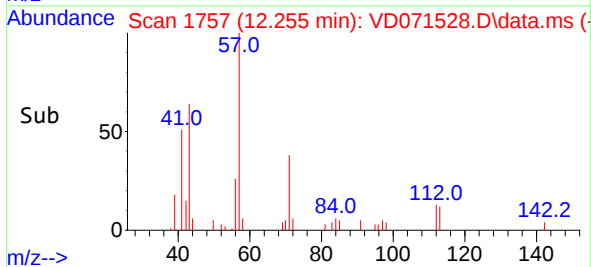
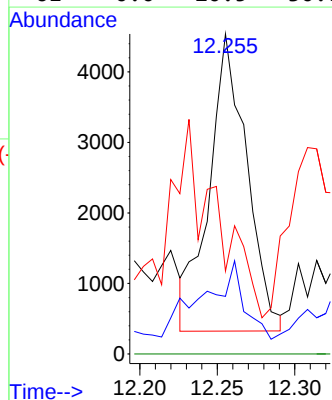
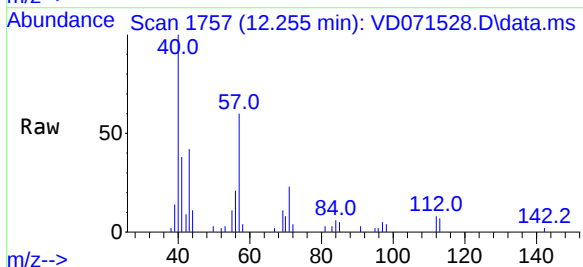
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

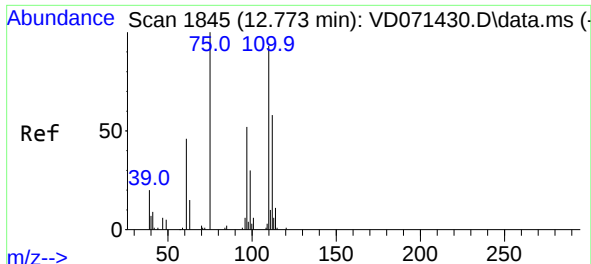
Tgt Ion:152 Resp: 292428
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 155.7 0.0 349.2



#74
N-ethyl acetate
Concen: 1.172 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 43 Resp: 7090
Ion Ratio Lower Upper
43 100
70 40.6 36.6 55.0
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

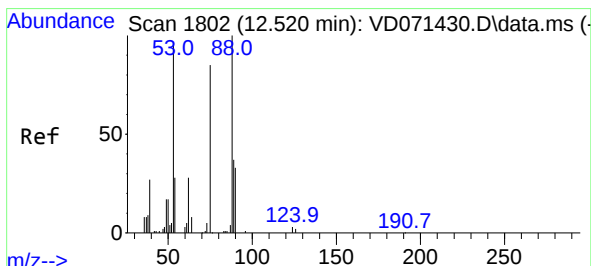
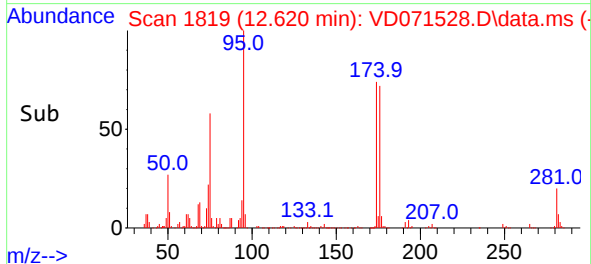
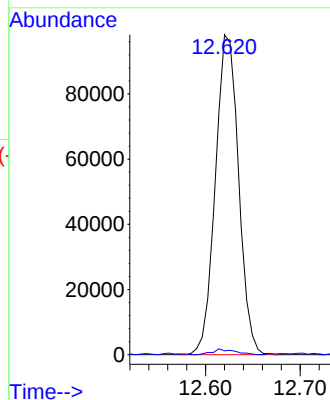
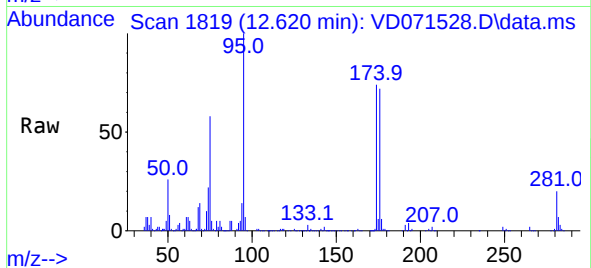




#76
1,2,3-Trichloropropane
Concen: 48.184 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

Tgt Ion: 75 Resp: 167419
Ion Ratio Lower Upper
75 100
77 1.7 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.146 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 75 Resp: 167419
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.3 34.5 51.7#

