

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072381.D
 Acq On : 23 Mar 2022 13:55
 Operator : VA/SY
 Sample : N2063-01
 Misc : 4.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	361233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	619793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	674563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192428	47.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.600%
35) Dibromofluoromethane	7.908	113	194198	44.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.060%
50) Toluene-d8	10.338	98	775705	48.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.620	95	369113	59.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.140%

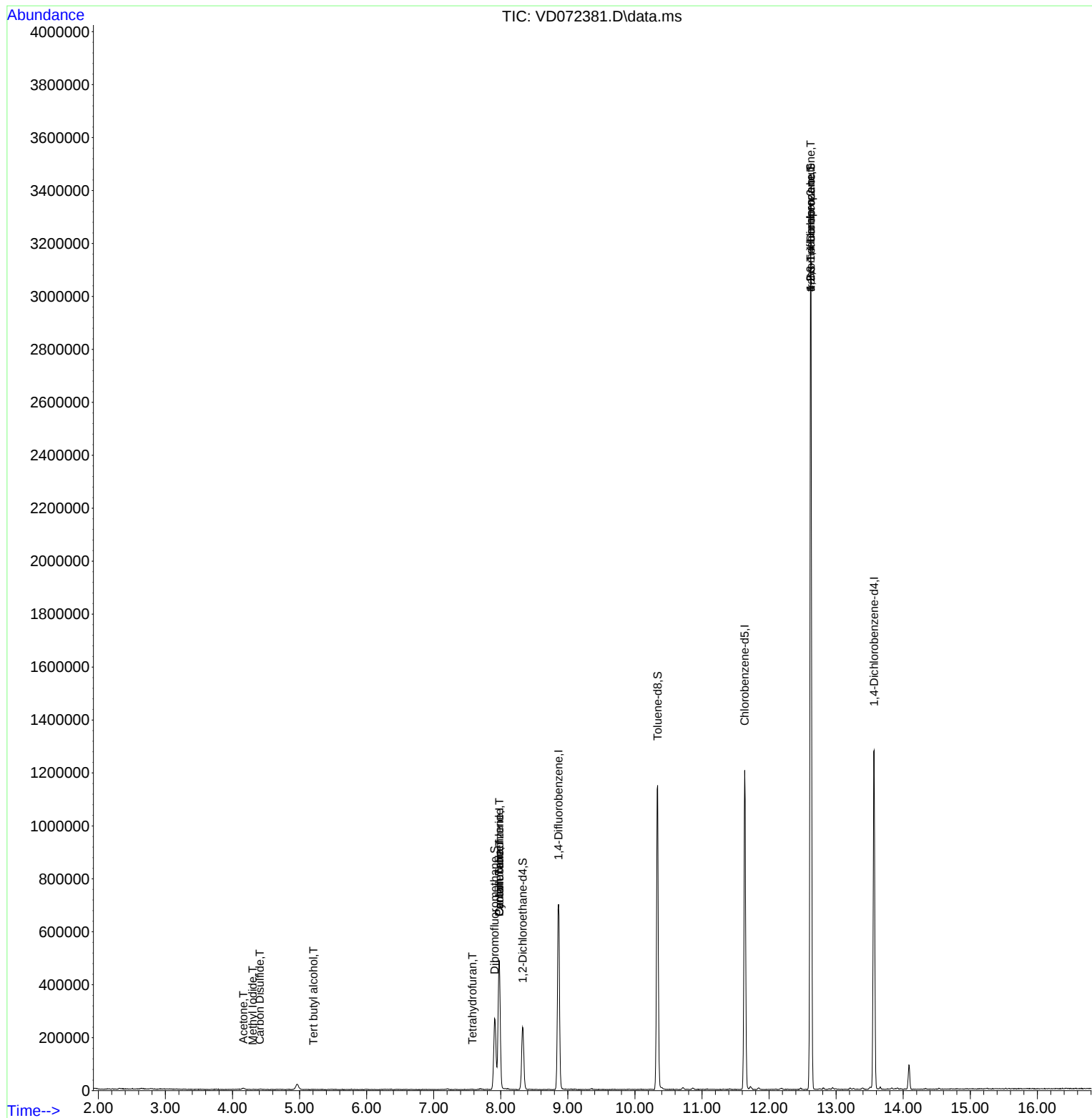
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	1090	2.508	ug/l #	55
11) Tert butyl alcohol	5.209	59	252	1.080	ug/l #	74
16) Acetone	4.162	43	9203	10.529	ug/l #	84
17) Carbon Disulfide	4.409	76	2232	1.780	ug/l #	67
20) Methylene Chloride	4.967	84	13825	Below Cal		95
29) Tetrahydrofuran	7.579	42	910	1.328	ug/l #	59
31) Cyclohexane	7.979	56	9842	1.565	ug/l #	19
38) Carbon Tetrachloride	7.979	117	37629	5.410	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	212384	56.820	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	212384	140.976	ug/l #	9

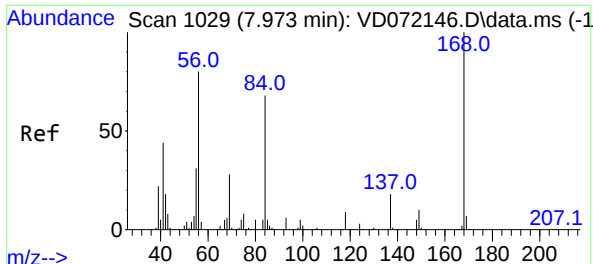
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 00:52:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

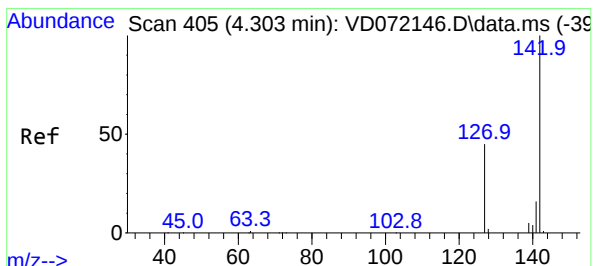
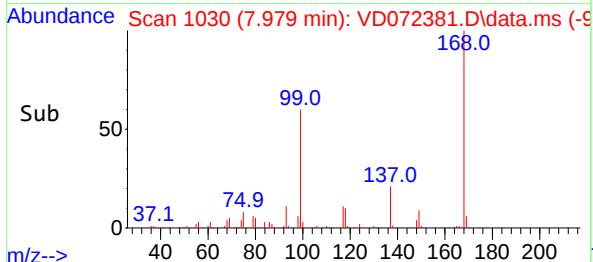
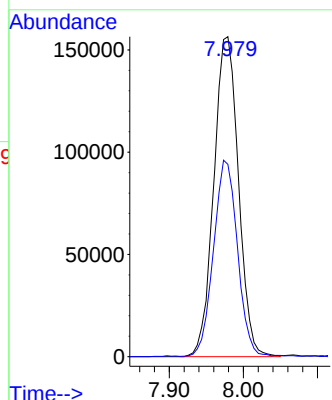
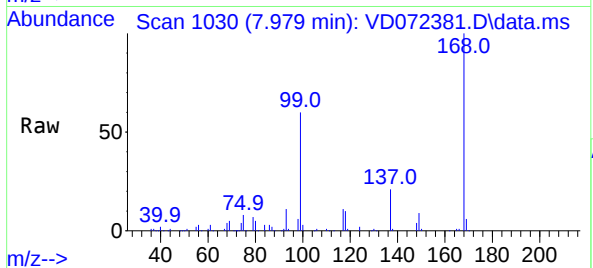




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

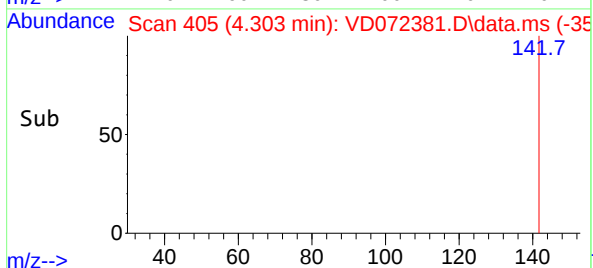
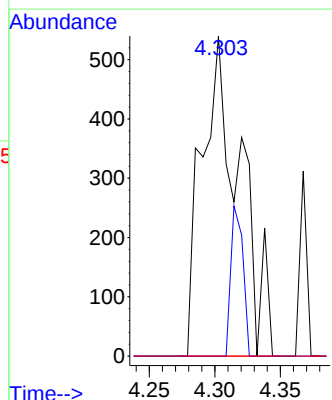
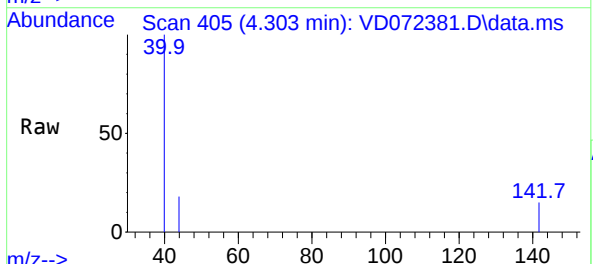
Instrument :
MSVOA_D
ClientSampleId :

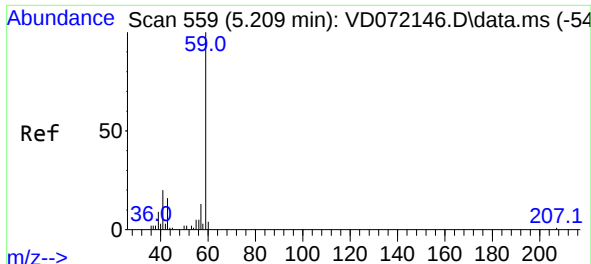
Tgt Ion:168 Resp: 361233
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#10
Methyl Iodide
Concen: 2.508 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

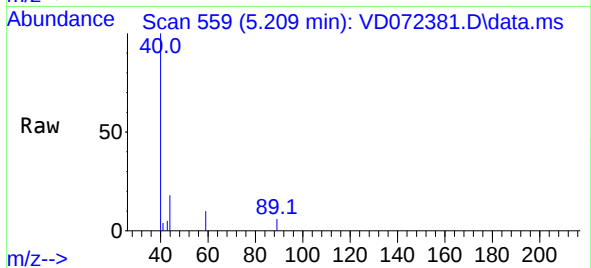
Tgt Ion:142 Resp: 1090
Ion Ratio Lower Upper
142 100
127 14.8 37.3 55.9#
141 0.0 11.7 17.5#



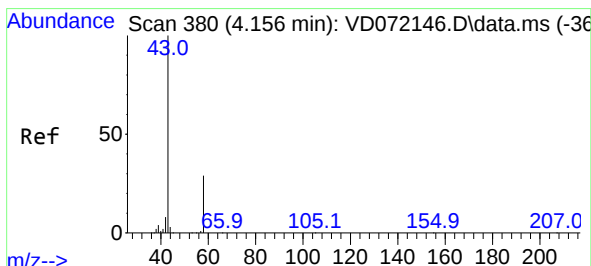
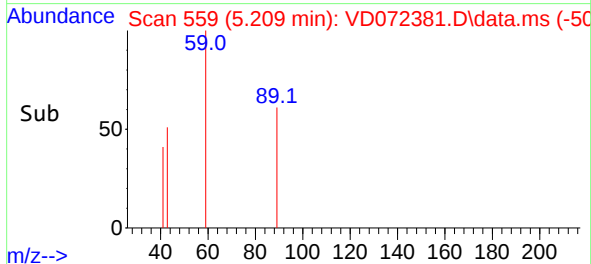
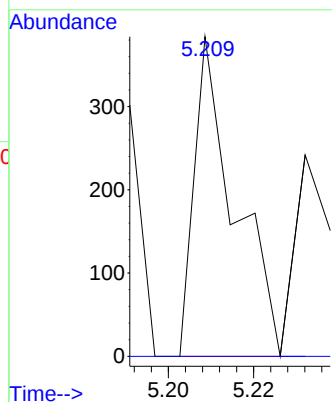


#11
Tert butyl alcohol
Concen: 1.080 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Instrument :
MSVOA_D
ClientSampleId :

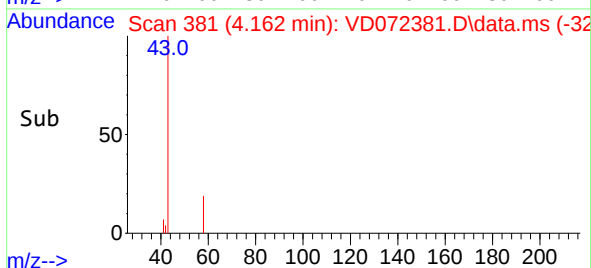
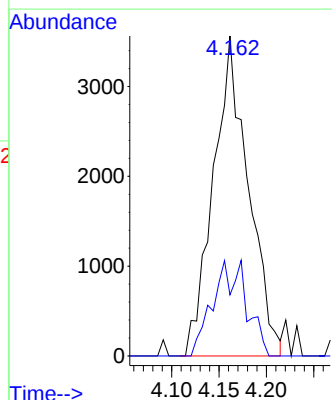
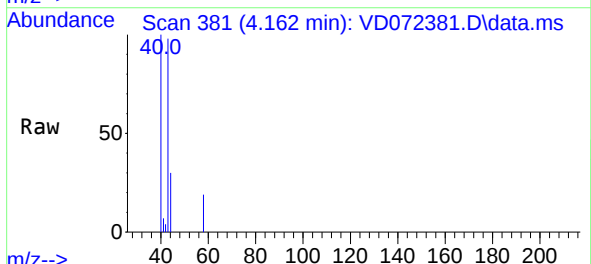


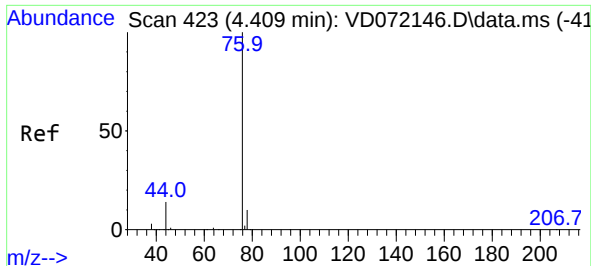
Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 10.529 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Tgt Ion: 43 Resp: 9203
Ion Ratio Lower Upper
43 100
58 19.1 22.1 33.1#

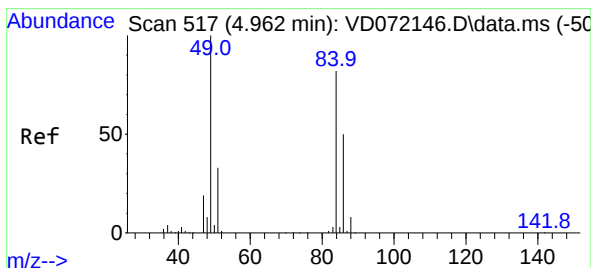
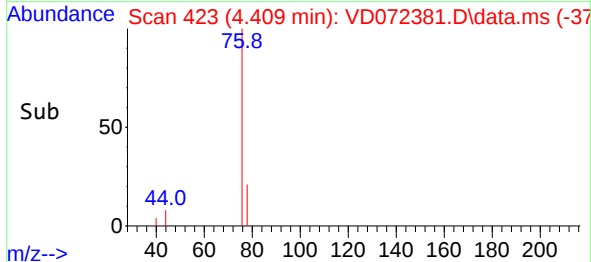
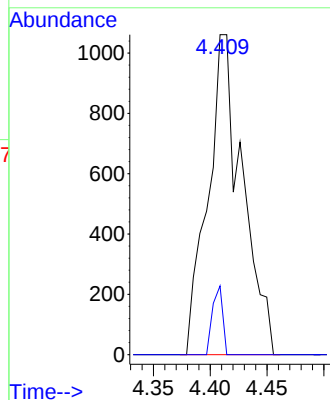
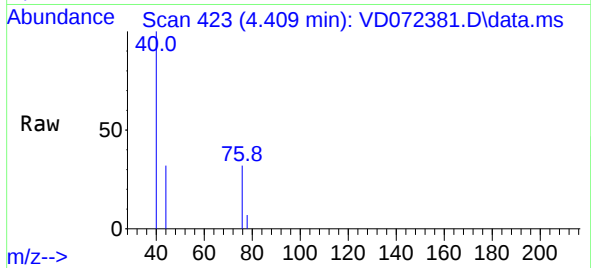




#17
Carbon Disulfide
Concen: 1.780 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

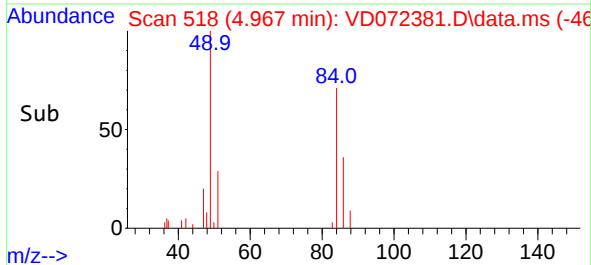
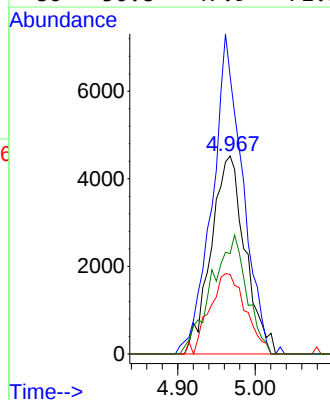
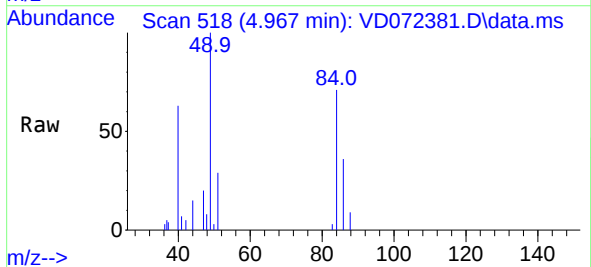
Instrument :
MSVOA_D
ClientSampleId :

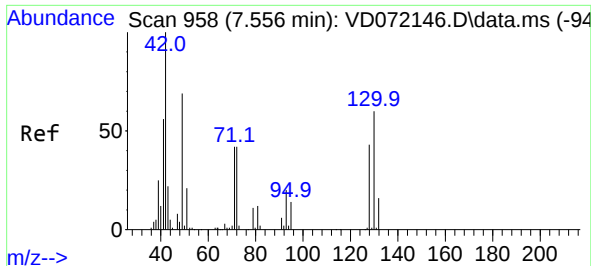
Tgt Ion: 76 Resp: 2232
Ion Ratio Lower Upper
76 100
78 21.5 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Tgt Ion: 84 Resp: 13825
Ion Ratio Lower Upper
84 100
49 136.8 112.8 169.2
51 40.2 32.6 48.8
86 50.8 47.9 71.9





#29

Tetrahydrofuran

Concen: 1.328 ug/l

RT: 7.579 min Scan# 910

Delta R.T. 0.024 min

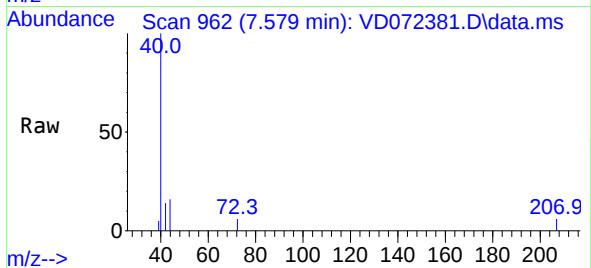
Lab File: VD072381.D

Acq: 23 Mar 2022 13:55

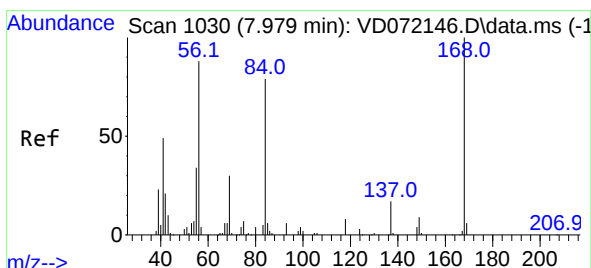
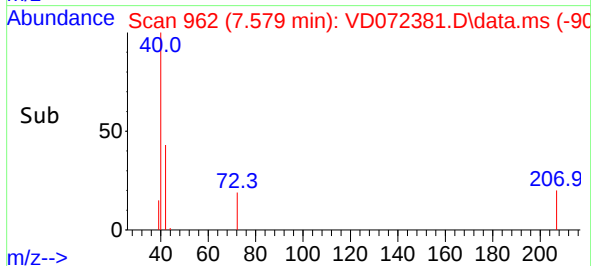
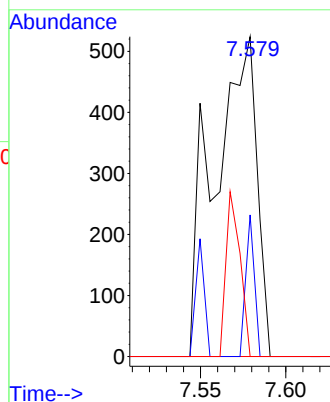
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	910
Ion	Ratio	Lower	Upper
42	100		
72	9.0	30.7	46.1#
71	17.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.565 ug/l

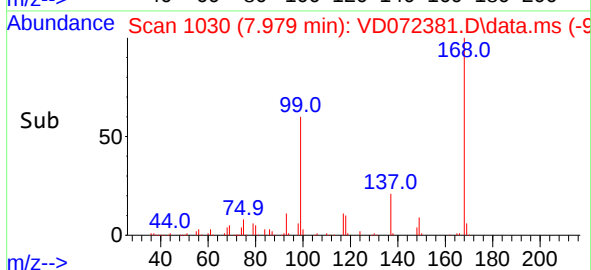
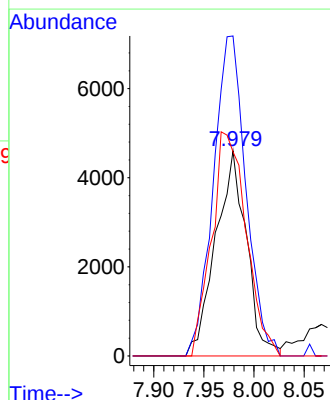
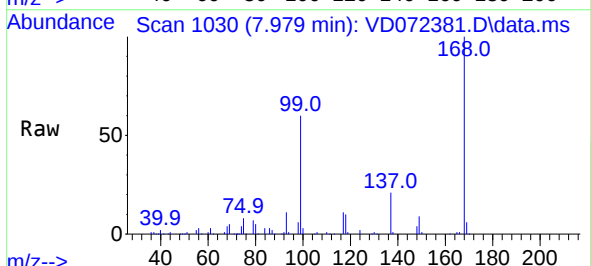
RT: 7.979 min Scan# 1030

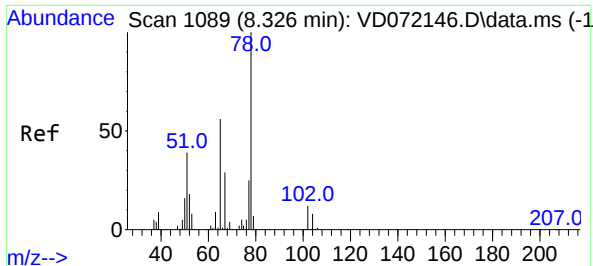
Delta R.T. -0.000 min

Lab File: VD072381.D

Acq: 23 Mar 2022 13:55

Tgt Ion:	56	Resp:	9842
Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.4	38.2#
84	99.6	63.0	94.4#

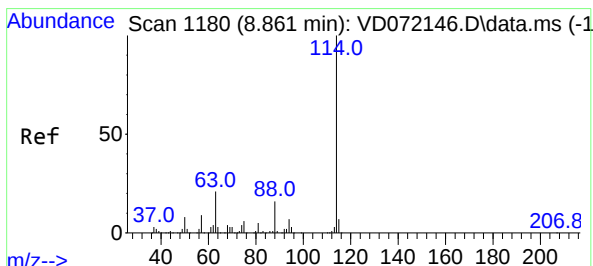
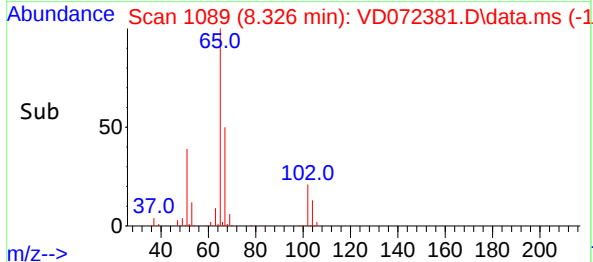
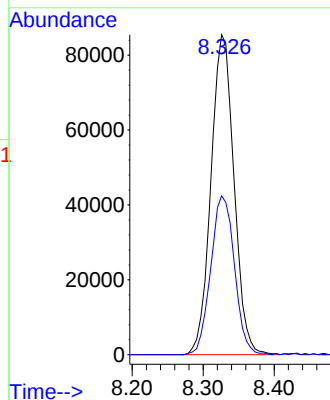
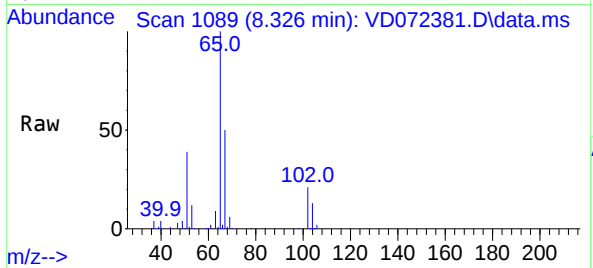




#33
1,2-Dichloroethane-d4
Concen: 47.799 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

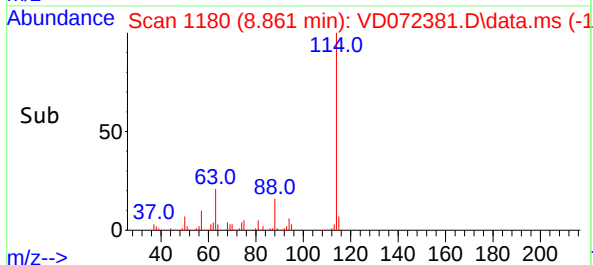
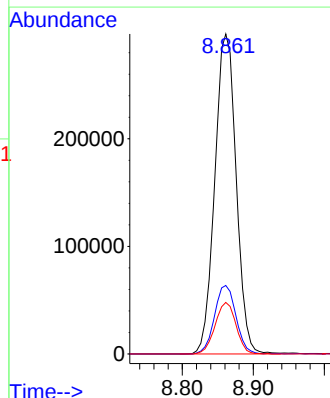
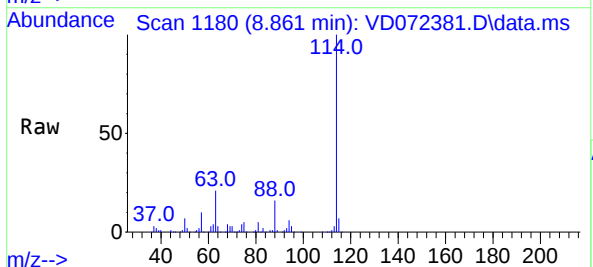
Instrument :
MSVOA_D
ClientSampleId :

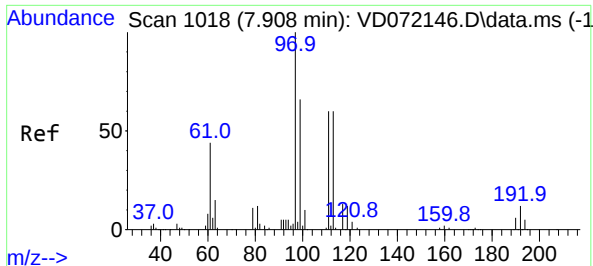
Tgt Ion: 65 Resp: 192428
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

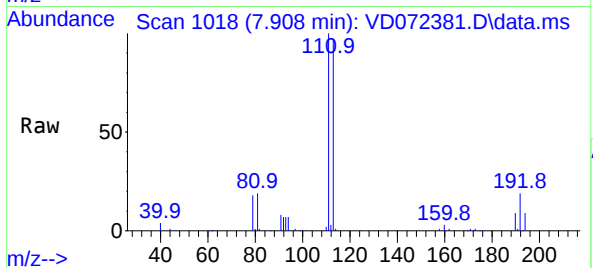
Tgt Ion: 114 Resp: 619793
Ion Ratio Lower Upper
114 100
63 21.4 0.0 46.6
88 16.1 0.0 33.2



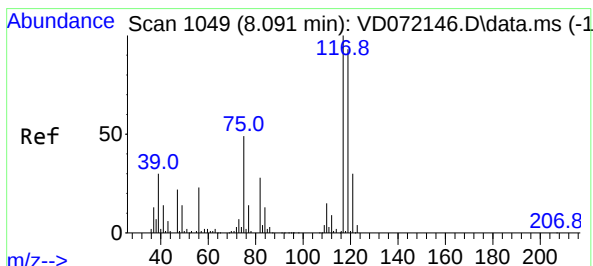
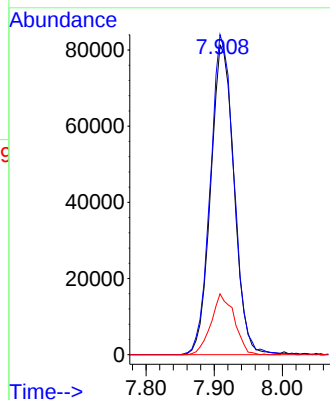
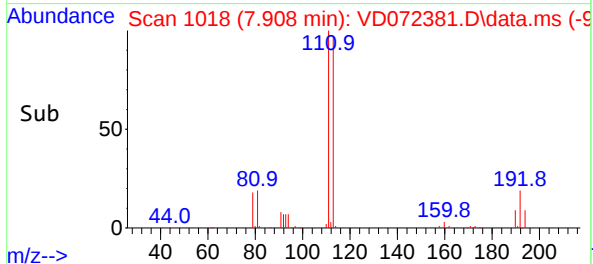


#35
Dibromofluoromethane
Concen: 44.525 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Instrument :
MSVOA_D
ClientSampleId :

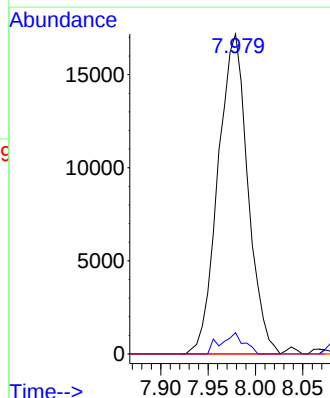
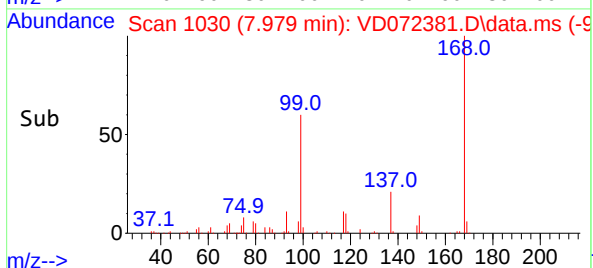
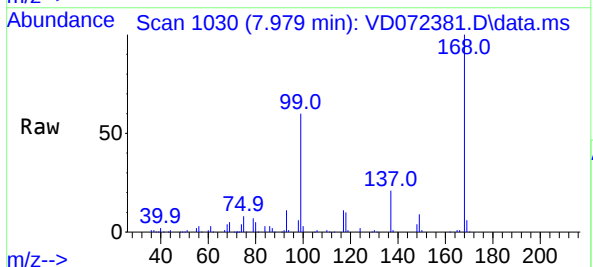


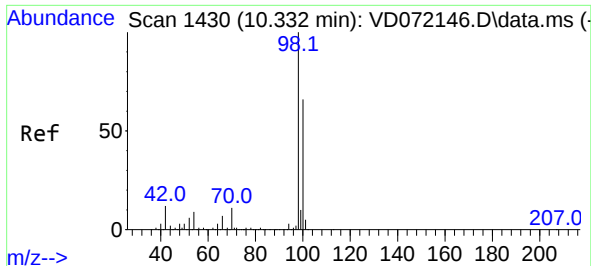
Tgt Ion:113 Resp: 194198
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 19.5 14.6 21.8



#38
Carbon Tetrachloride
Concen: 5.410 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Tgt Ion:117 Resp: 37629
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#

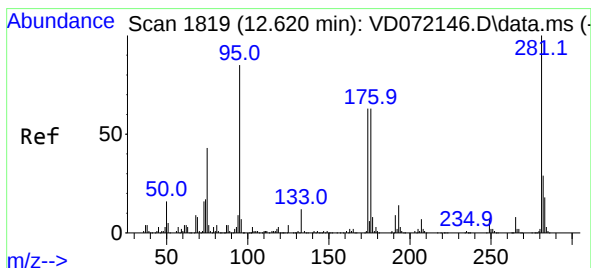
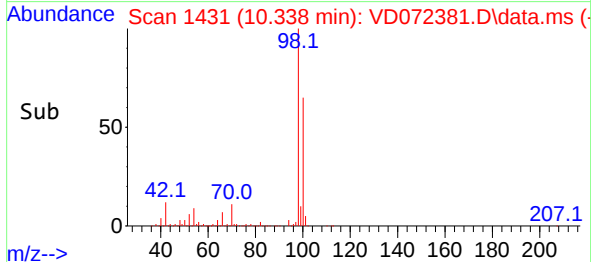
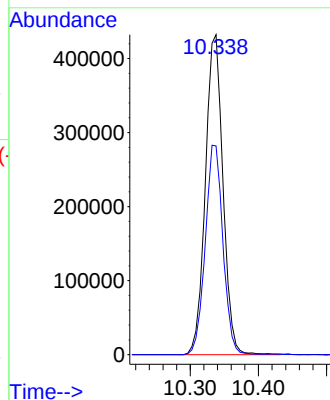
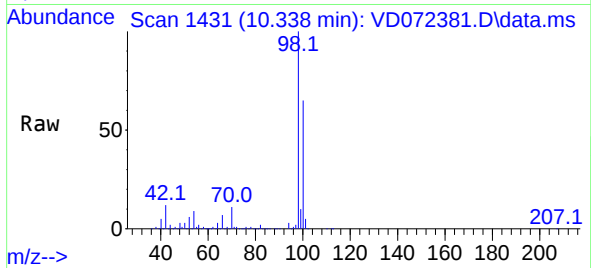




#50
Toluene-d8
Concen: 48.640 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

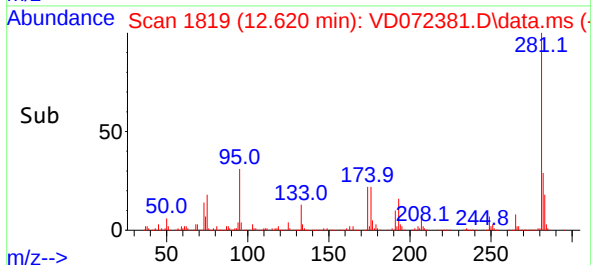
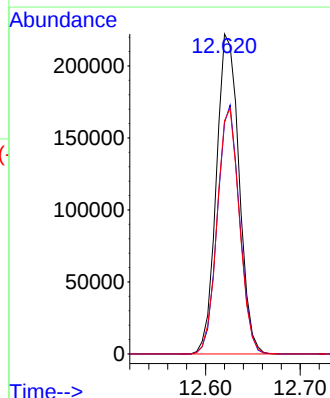
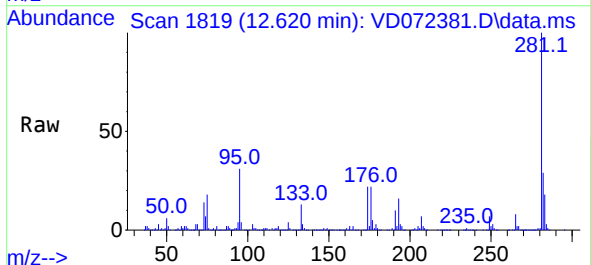
Instrument :
MSVOA_D
ClientSampleId :

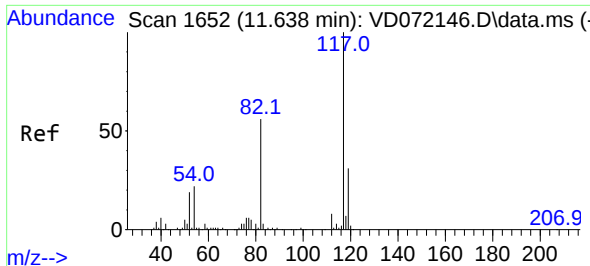
Tgt Ion: 98 Resp: 775705
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.566 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

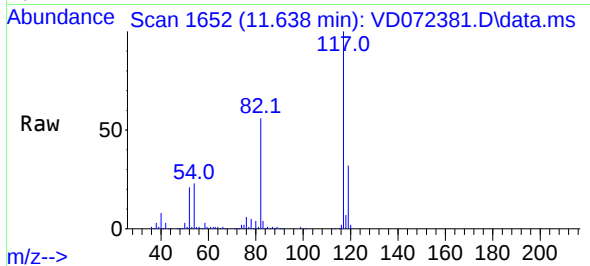
Tgt Ion: 95 Resp: 369113
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 75.2 0.0 145.4



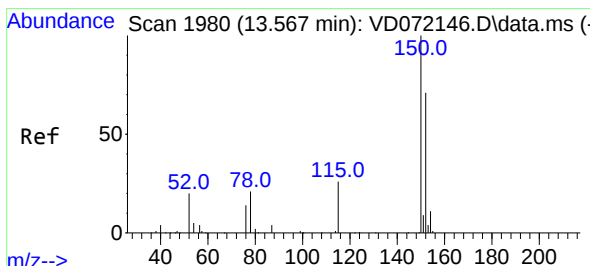
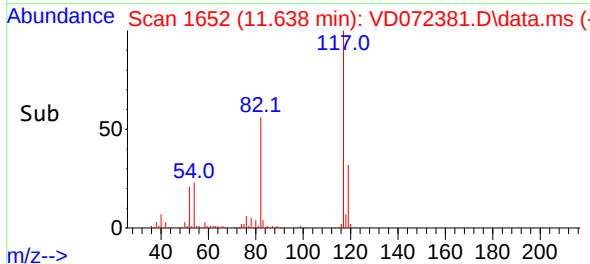
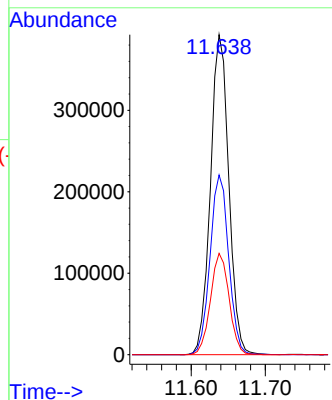


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Instrument :
MSVOA_D
ClientSampleId :

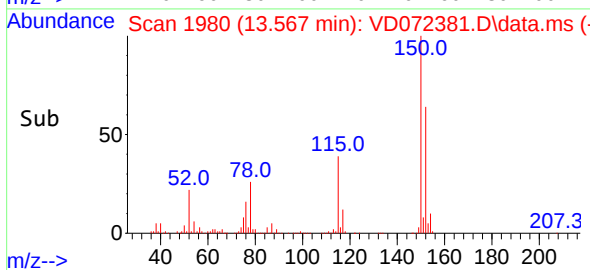
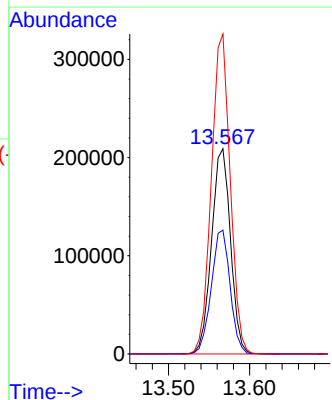
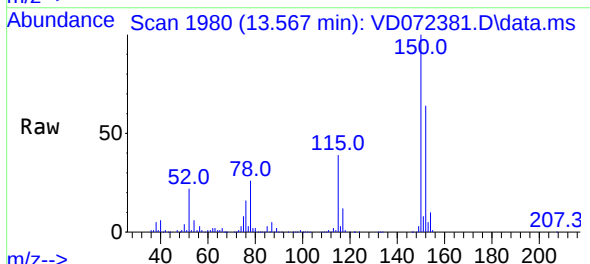


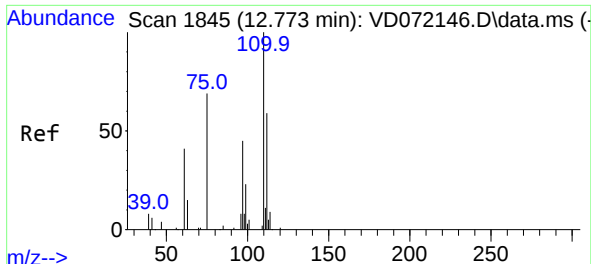
Tgt Ion:117 Resp: 674563
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Tgt Ion:152 Resp: 338853
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 154.8 0.0 348.6

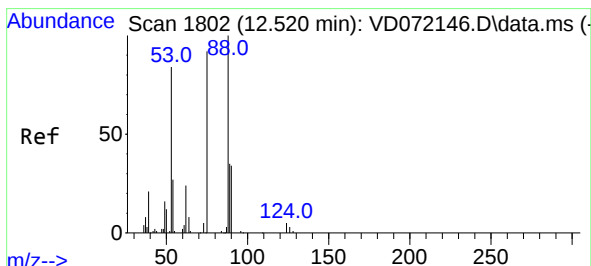
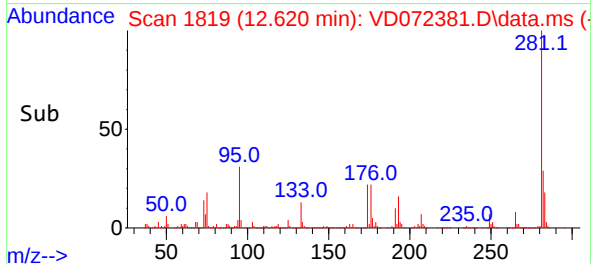
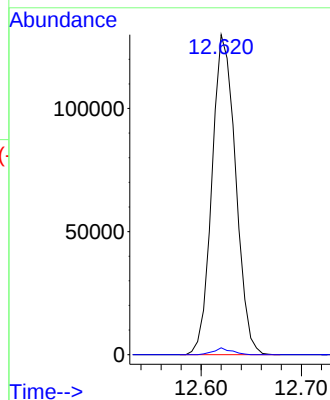
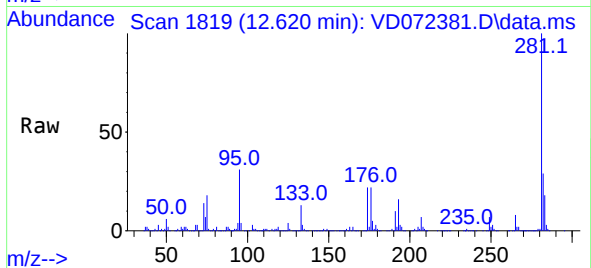




#76
1,2,3-Trichloropropane
Concen: 56.820 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 212384
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.976 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072381.D
Acq: 23 Mar 2022 13:55

Tgt Ion: 75 Resp: 212384
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 3.9 33.9 50.9#

