

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074747.D
 Acq On : 04 Nov 2022 19:28
 Operator : VA/SY
 Sample : N5433-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-110222

Quant Time: Nov 07 00:29:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	7694	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	12615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	14442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7191	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8631	141.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	283.280%#
35) Dibromofluoromethane	7.804	113	7539	101.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	202.060%#
50) Toluene-d8	10.269	98	16236	59.647	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.300%
62) 4-Bromofluorobenzene	12.575	95	6653	84.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	169.300%#

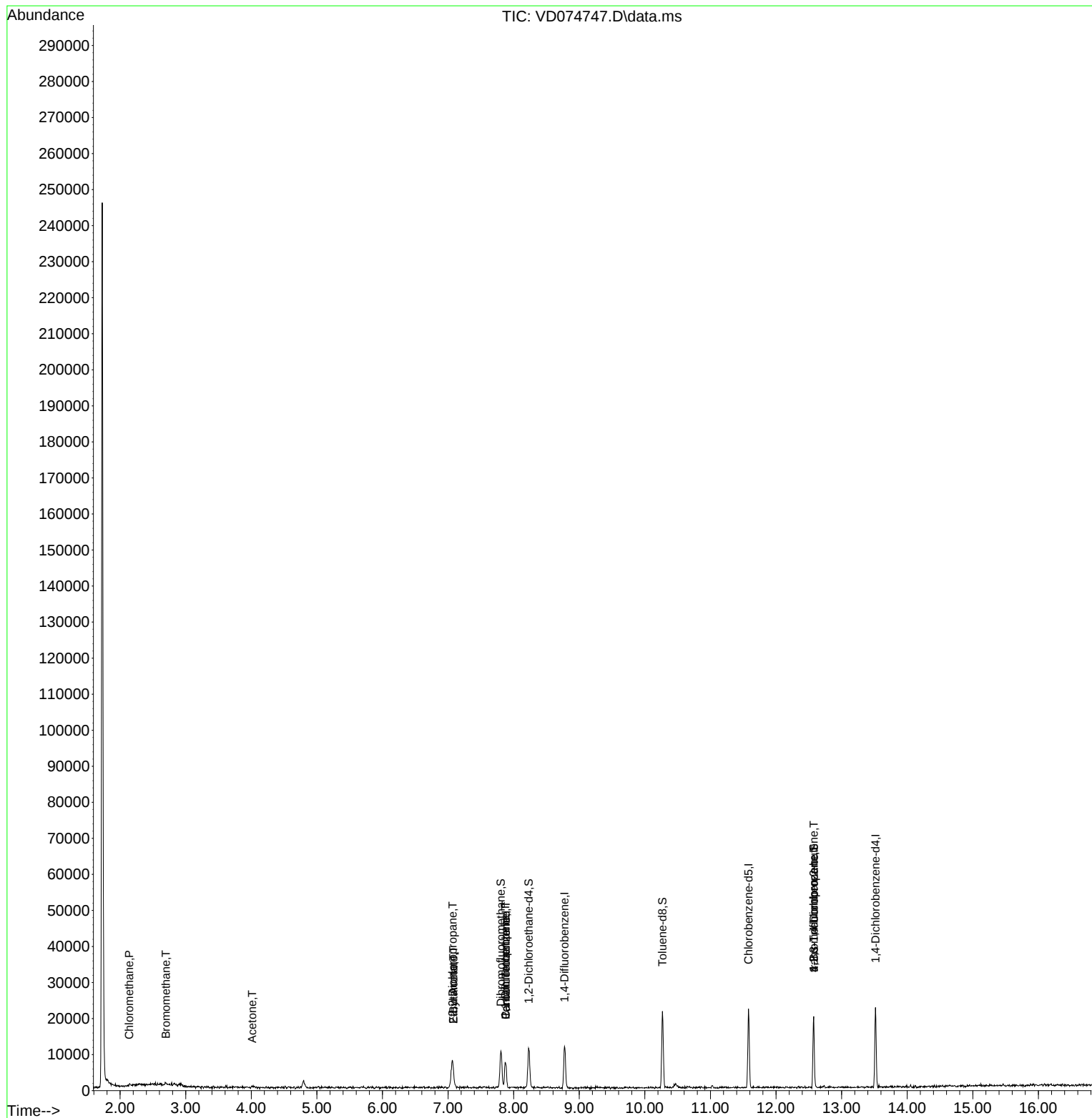
Target Compounds						Qvalue
3) Chloromethane	2.140	50	342	3.392	ug/l	# 37
5) Bromomethane	2.699	94	376	4.487	ug/l	91
16) Acetone	4.016	43	636	50.013	ug/l	# 37
25) 2-Butanone	7.081	43	53	3.031	ug/l	# 42
26) 2,2-Dichloropropane	7.069	77	182	1.429	ug/l	# 50
36) 1,1-Dichloropropene	7.875	75	329	2.905	ug/l	# 39
37) Ethyl Acetate	7.081	43	53	1.403	ug/l	# 1
38) Carbon Tetrachloride	7.881	117	505	4.706	ug/l	# 14
76) 1,2,3-Trichloropropane	12.575	75	3185	57.135	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.575	75	3185	135.625	ug/l	# 17

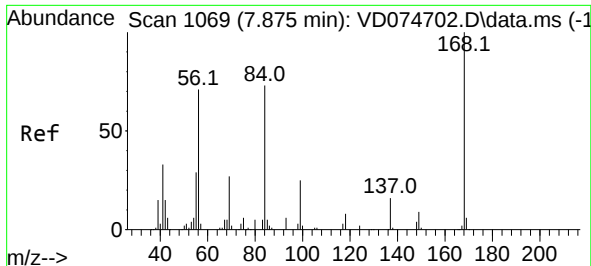
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
Data File : VD074747.D
Acq On : 04 Nov 2022 19:28
Operator : VA/SY
Sample : N5433-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

Quant Time: Nov 07 00:29:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

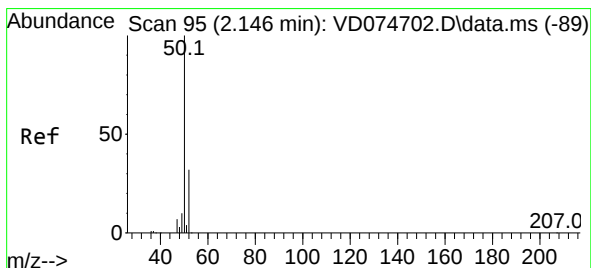
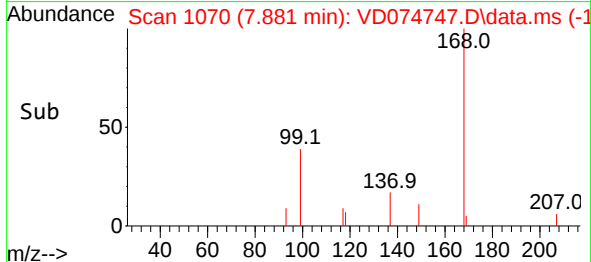
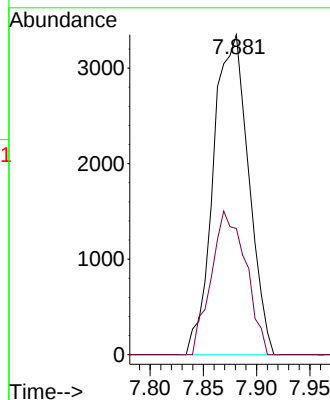
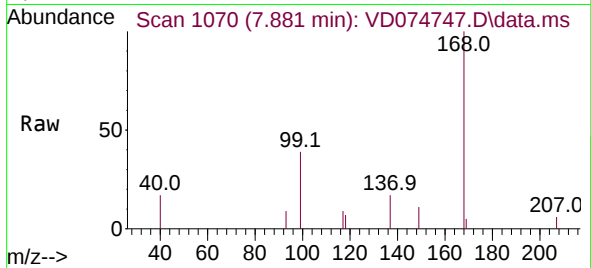




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

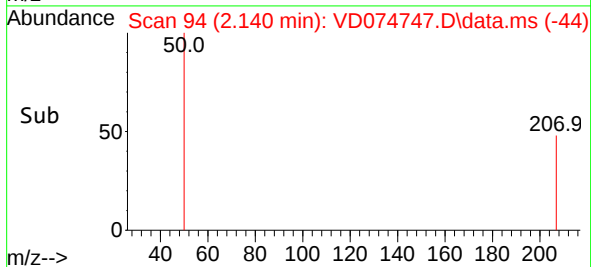
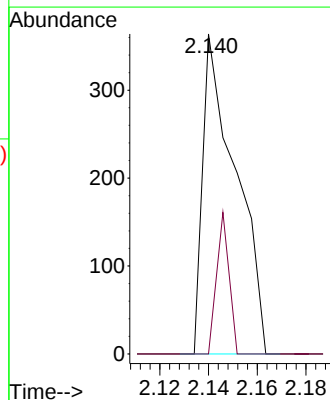
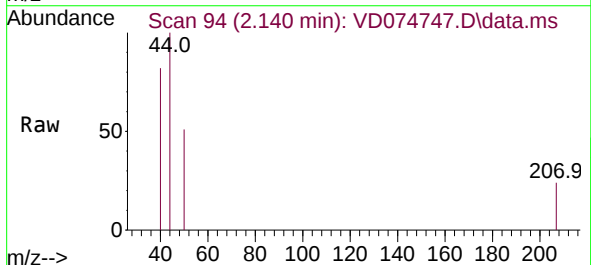
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

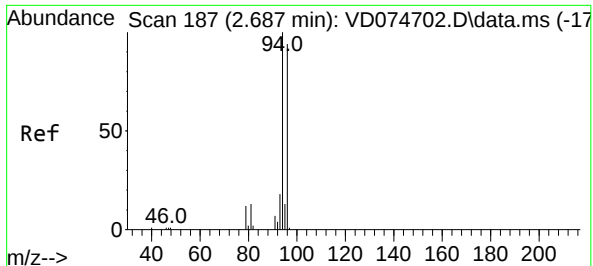
Tgt Ion:168 Resp: 7694
Ion Ratio Lower Upper
168 100
99 39.5 40.9 61.3#



#3
Chloromethane
Concen: 3.392 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

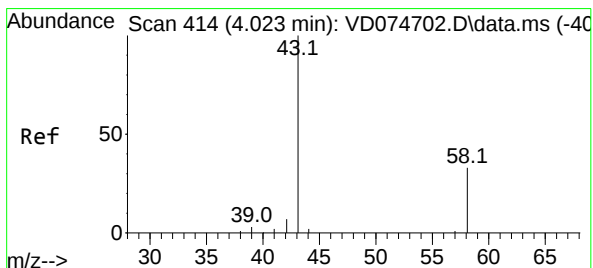
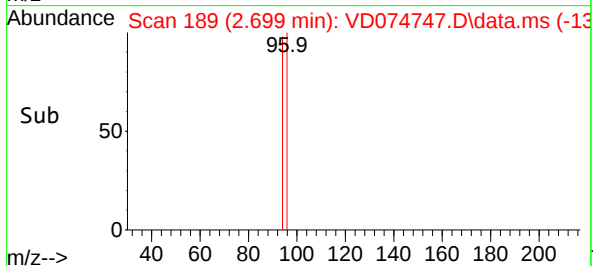
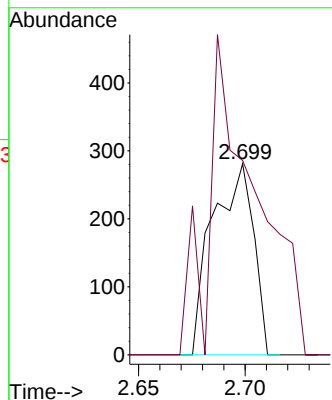
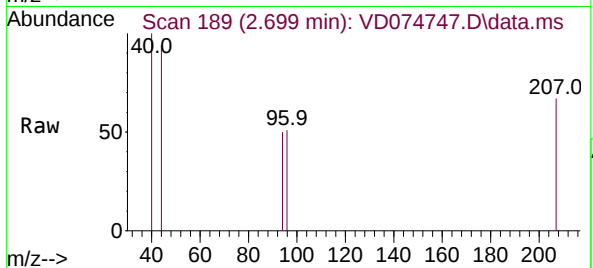




#5
Bromomethane
Concen: 4.487 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

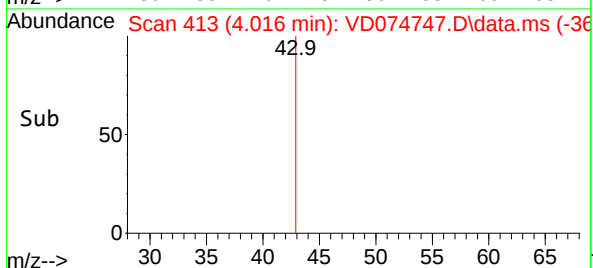
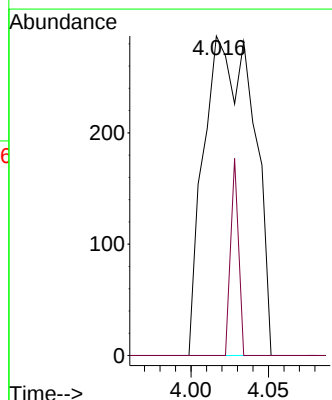
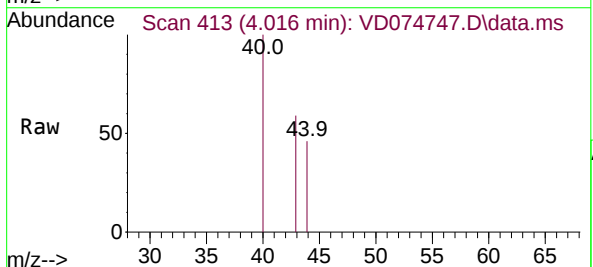
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

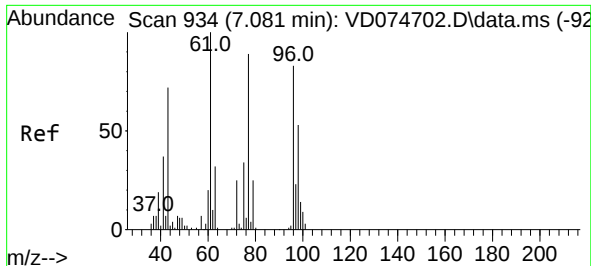
Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 101.8 74.6 112.0



#16
Acetone
Concen: 50.013 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

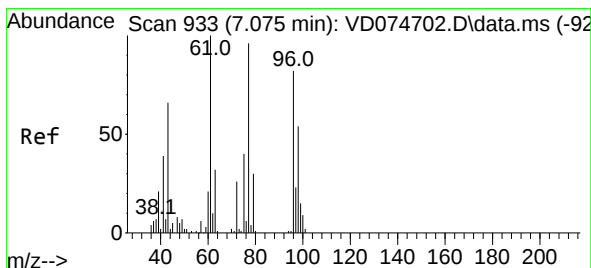
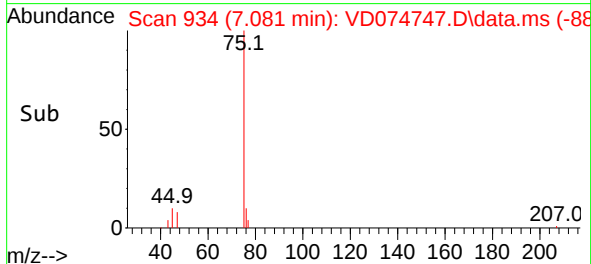
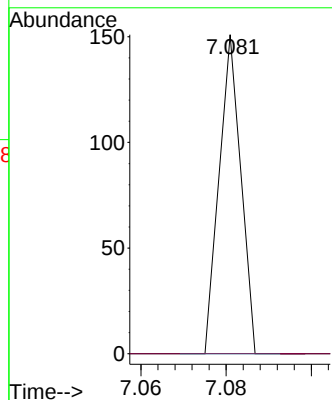
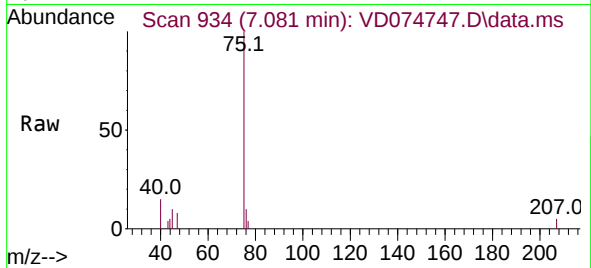




#25
2-Butanone
Concen: 3.031 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

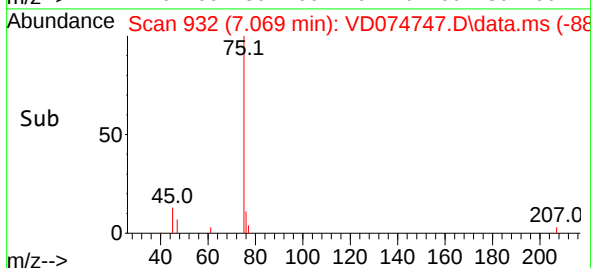
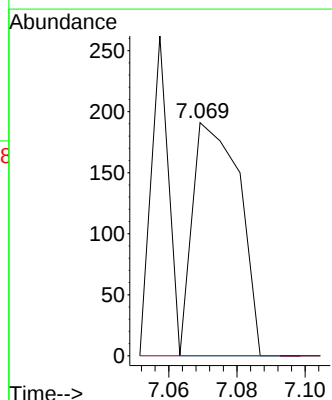
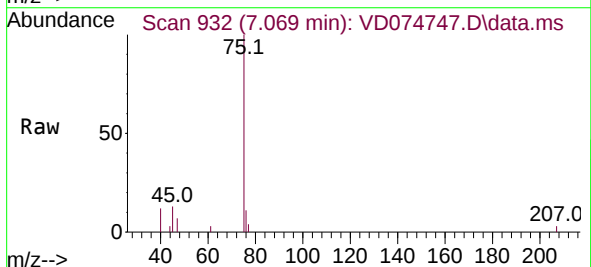
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

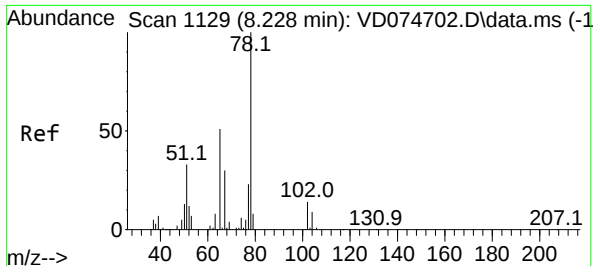
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 1.429 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

Tgt Ion: 77 Resp: 182
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 141.636 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074747.D

Acq: 04 Nov 2022 19:28

Instrument :

MSVOA_D

ClientSampleId :

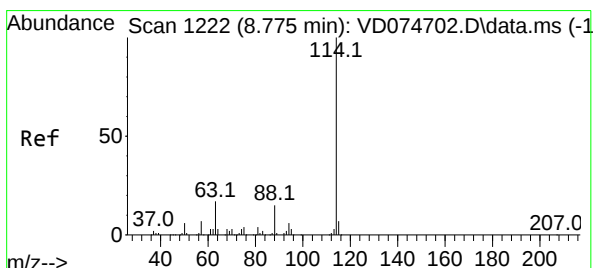
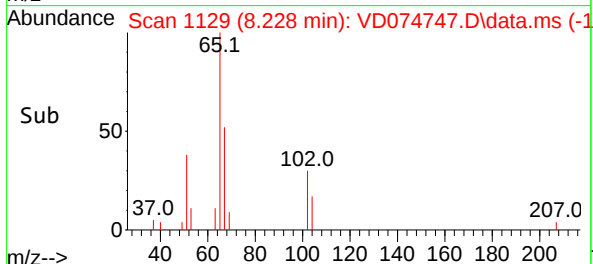
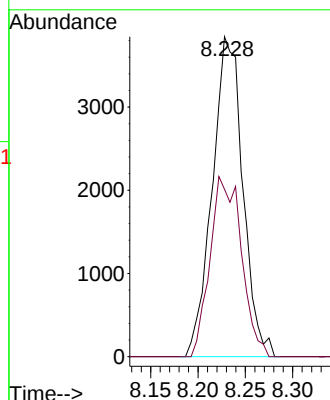
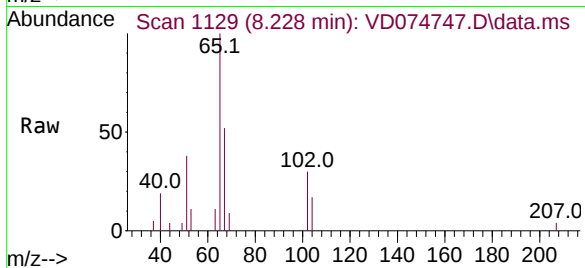
CL-01-110222

Tgt Ion: 65 Resp: 8631

Ion Ratio Lower Upper

65 100

67 57.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074747.D

Acq: 04 Nov 2022 19:28

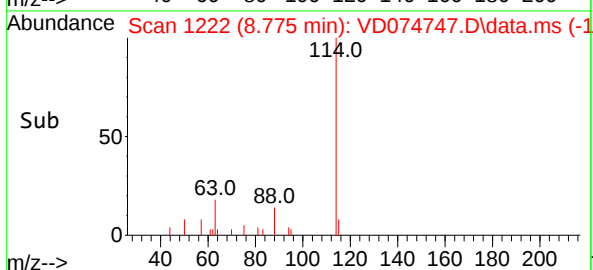
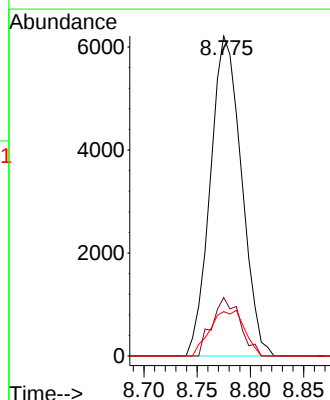
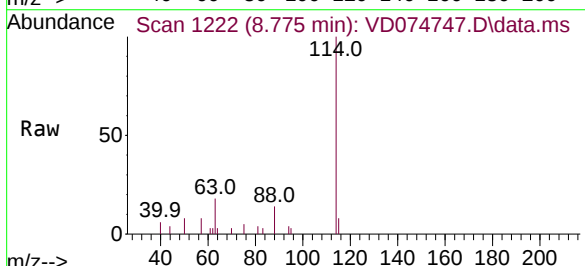
Tgt Ion: 114 Resp: 12615

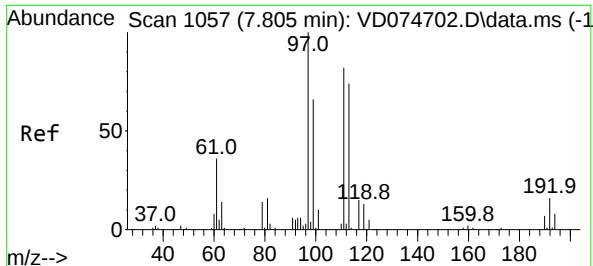
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.2

88 13.8 0.0 28.2

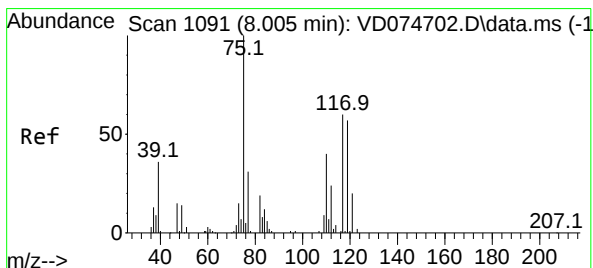
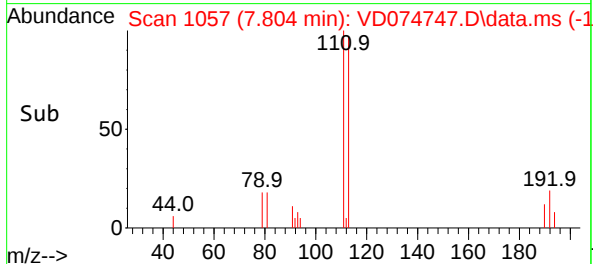
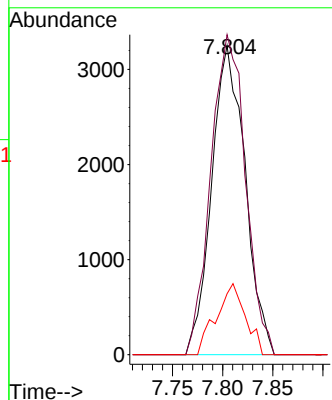
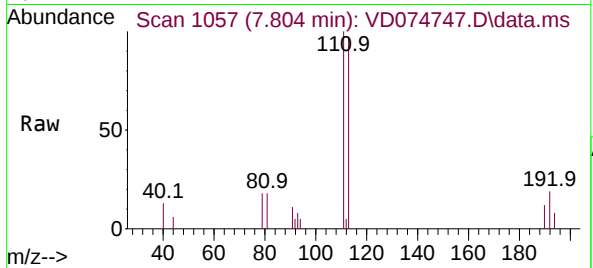




#35
Dibromofluoromethane
Concen: 101.028 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

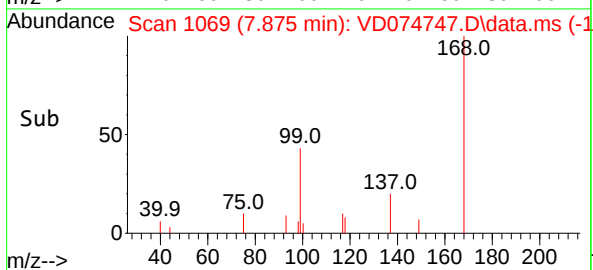
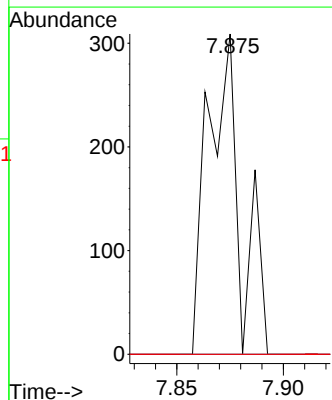
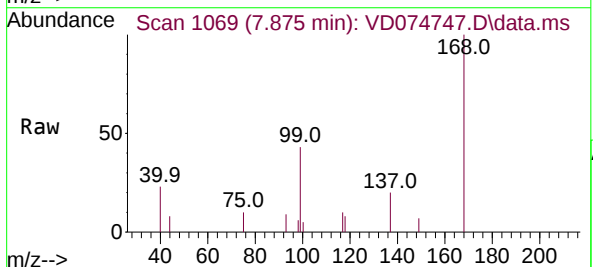
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

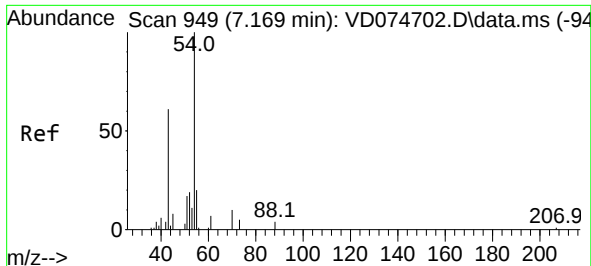
Tgt Ion:113 Resp: 7539
Ion Ratio Lower Upper
113 100
111 107.3 82.3 123.5
192 20.0 16.4 24.6



#36
1,1-Dichloropropene
Concen: 2.905 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

Tgt Ion: 75 Resp: 329
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.403 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.088 min

Lab File: VD074747.D

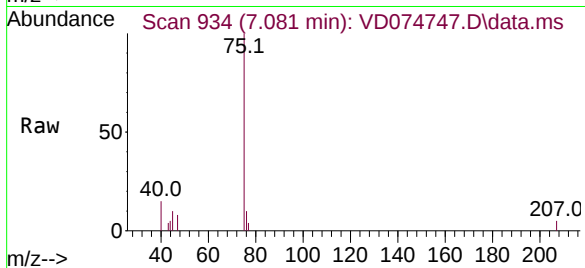
Acq: 04 Nov 2022 19:28

Instrument :

MSVOA_D

ClientSampleId :

CL-01-110222



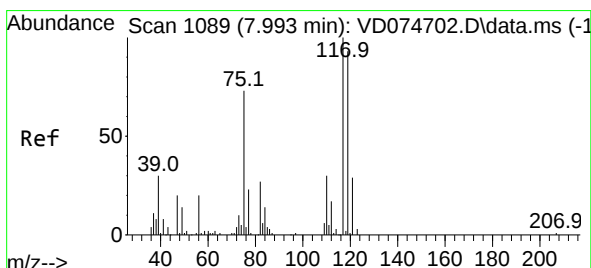
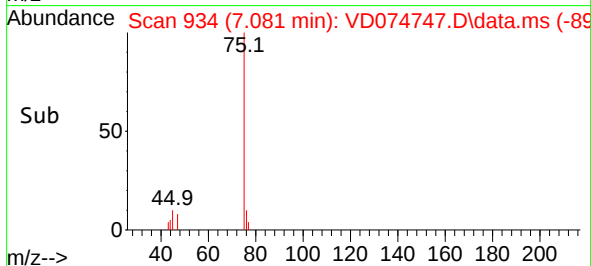
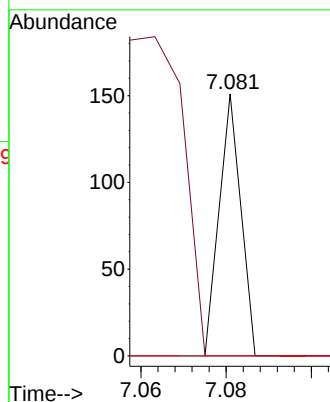
Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

61 349.1 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 4.706 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD074747.D

Acq: 04 Nov 2022 19:28

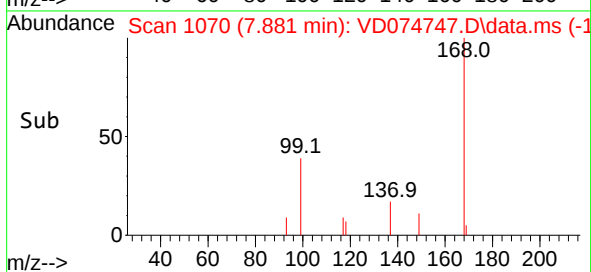
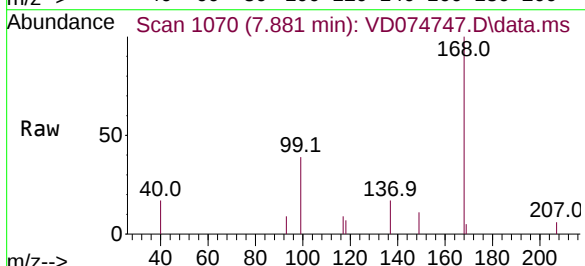
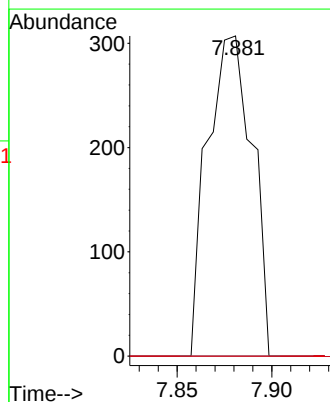
Tgt Ion: 117 Resp: 505

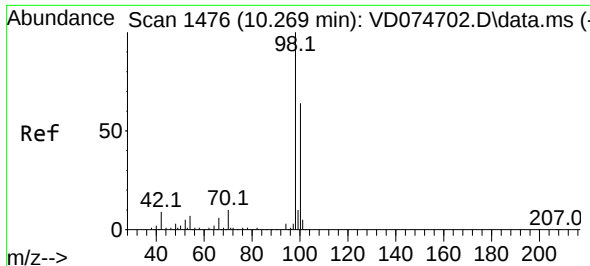
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

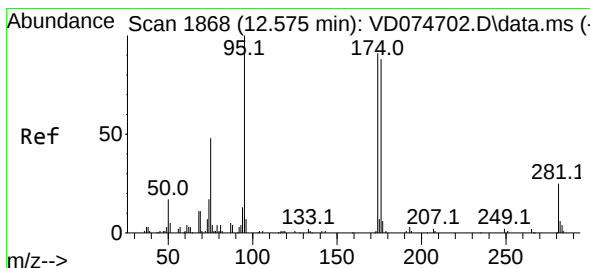
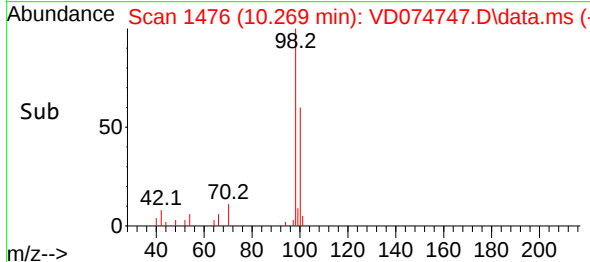
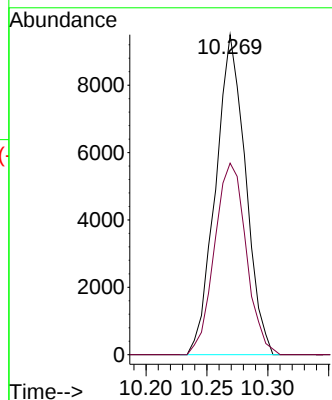
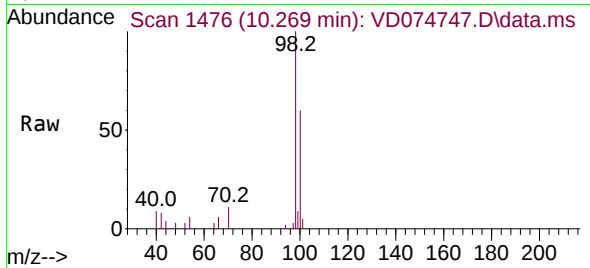




#50
Toluene-d8
Concen: 59.647 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

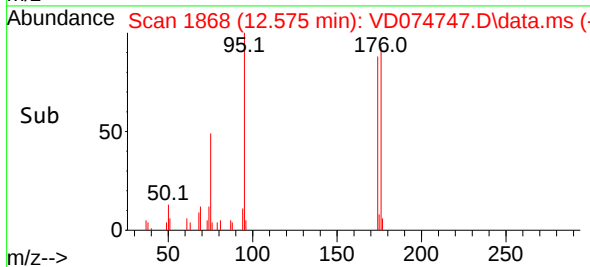
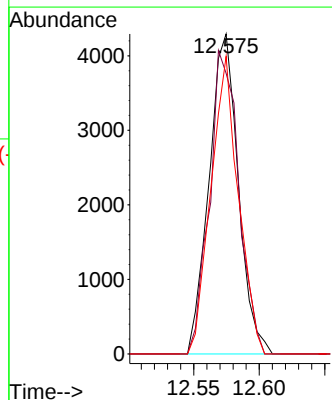
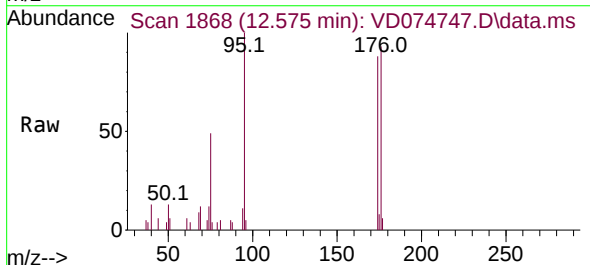
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

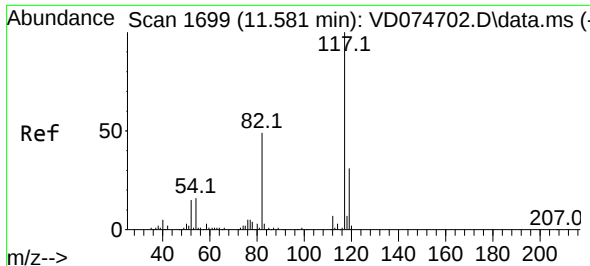
Tgt Ion: 98 Resp: 16236
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 84.651 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

Tgt Ion: 95 Resp: 6653
Ion Ratio Lower Upper
95 100
174 94.5 0.0 197.0
176 87.6 0.0 182.6

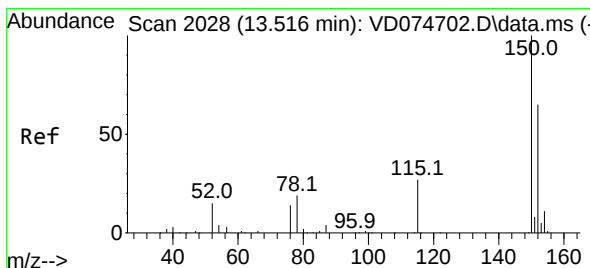
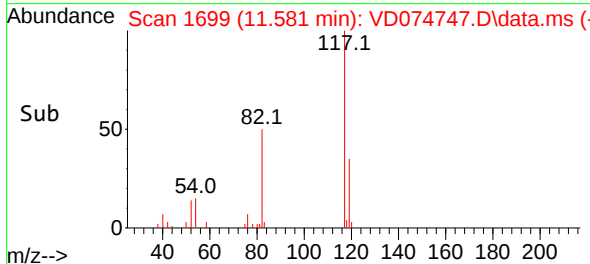
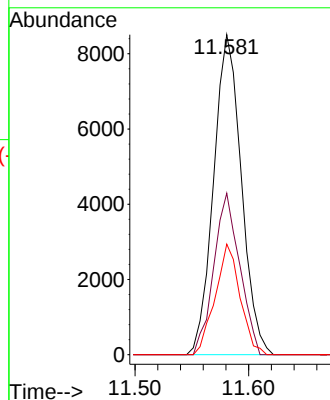
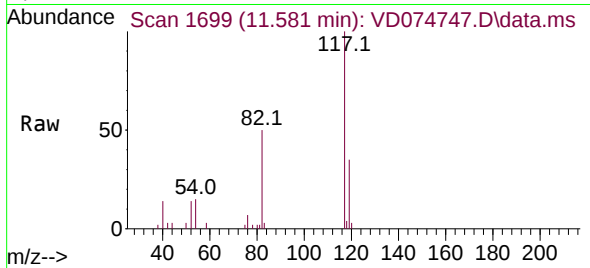




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

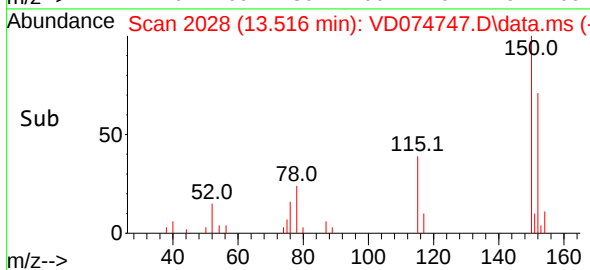
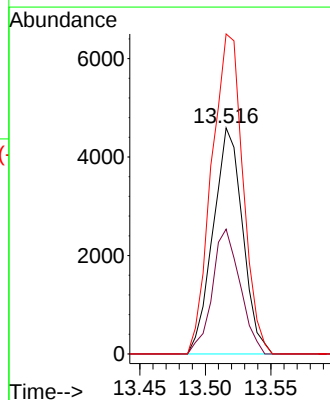
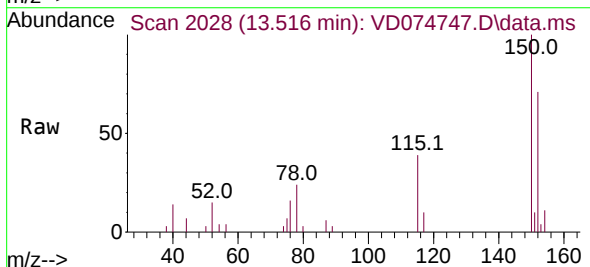
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

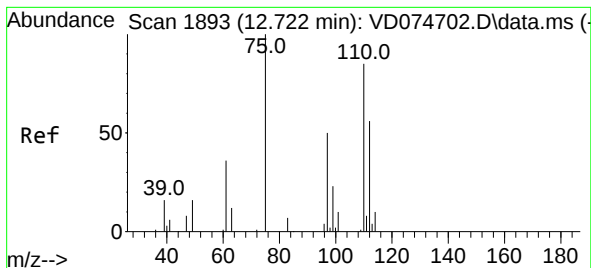
Tgt Ion:117 Resp: 14442
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 34.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074747.D
Acq: 04 Nov 2022 19:28

Tgt Ion:152 Resp: 7191
Ion Ratio Lower Upper
152 100
115 52.0 26.8 80.4
150 149.9 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 57.135 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD074747.D

Acq: 04 Nov 2022 19:28

Instrument :

MSVOA_D

ClientSampleId :

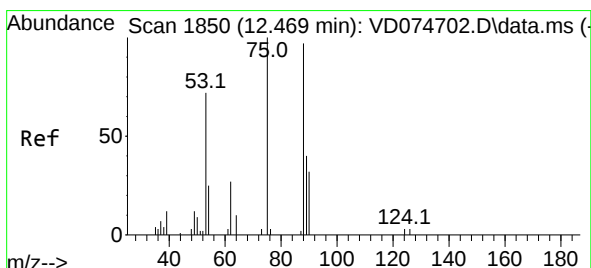
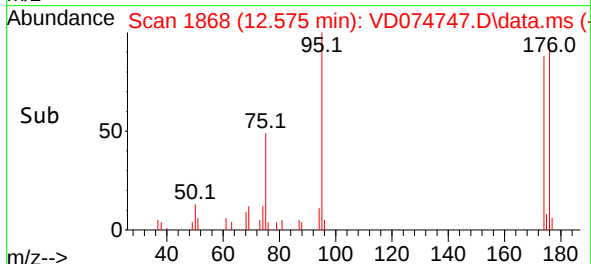
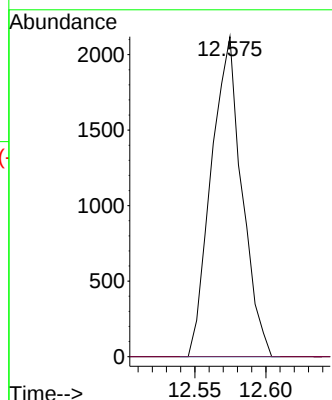
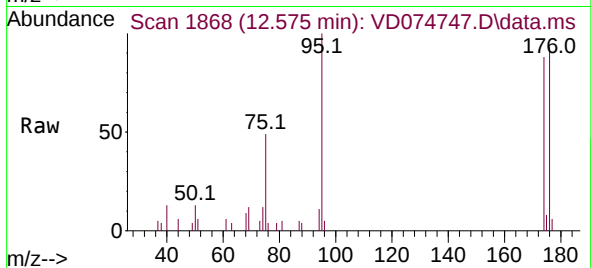
CL-01-110222

Tgt Ion: 75 Resp: 3185

Ion Ratio Lower Upper

75 100

77 0.0 185.8 557.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.625 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD074747.D

Acq: 04 Nov 2022 19:28

Tgt Ion: 75 Resp: 3185

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.6#

89 0.0 38.2 57.4#

