

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073879.D
 Acq On : 20 Jul 2022 14:30
 Operator : VA/SY
 Sample : N3746-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-071522

Quant Time: Jul 20 16:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	120325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	241451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	232393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	101277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72289	50.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.620%
35) Dibromofluoromethane	7.903	113	83086	48.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.332	98	307154	49.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.620	95	99824	46.952	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.900%

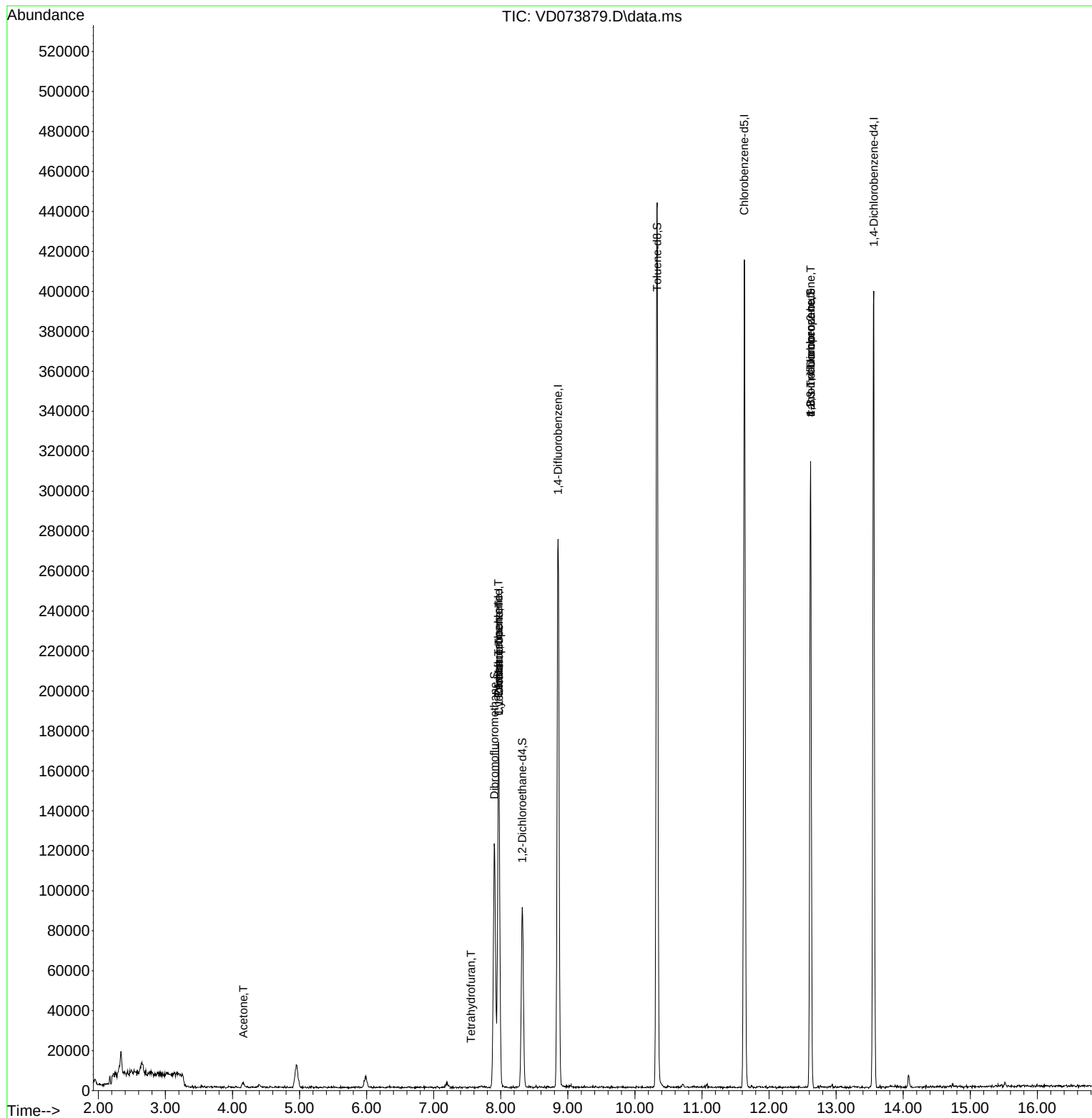
Target Compounds					Qvalue	
3) Chloromethane	2.209	50	1153	Below Cal	#	82
16) Acetone	4.162	43	4065	17.242	ug/l #	74
18) Methyl Acetate	4.720	43	64	Below Cal	#	55
20) Methylene Chloride	4.956	84	8764	Below Cal	#	78
29) Tetrahydrofuran	7.556	42	224	1.104	ug/l #	38
31) Cyclohexane	7.973	56	2977	1.304	ug/l #	45
36) 1,1-Dichloropropene	7.973	75	10652	4.335	ug/l #	51
38) Carbon Tetrachloride	7.967	117	13722	4.890	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	54858	50.483	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	54858	136.225	ug/l #	7

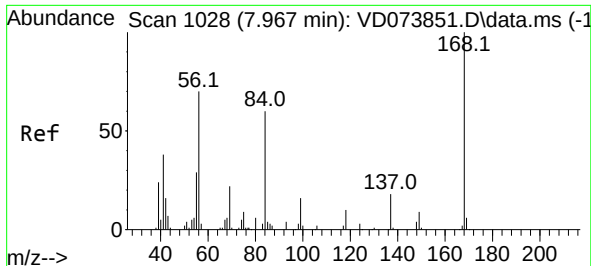
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 2022
Response via : Initial Calibration

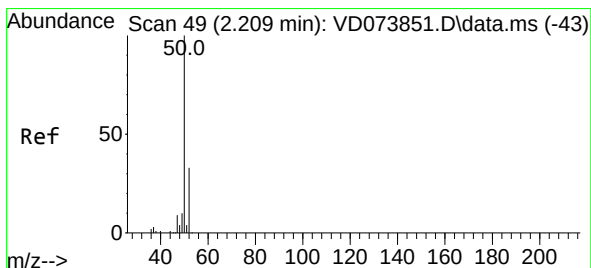
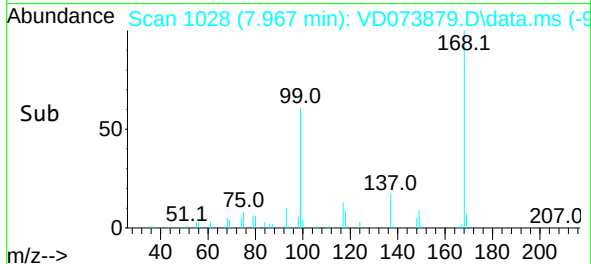
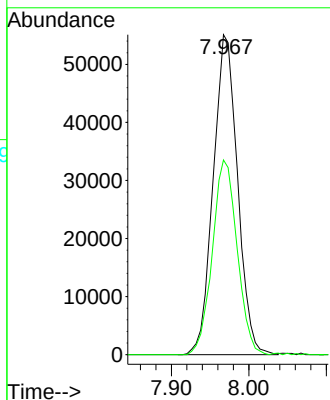
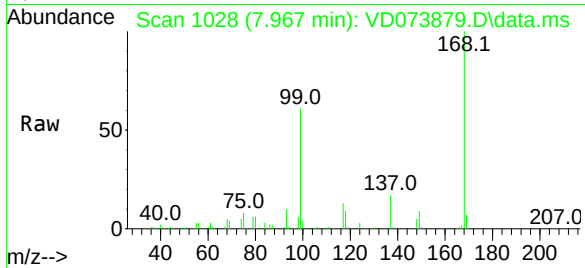




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

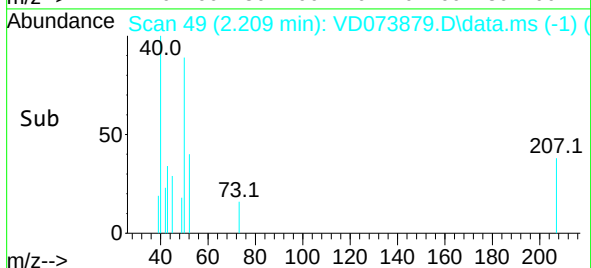
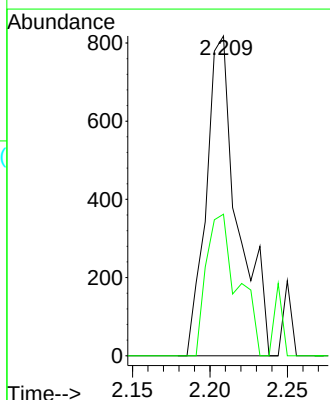
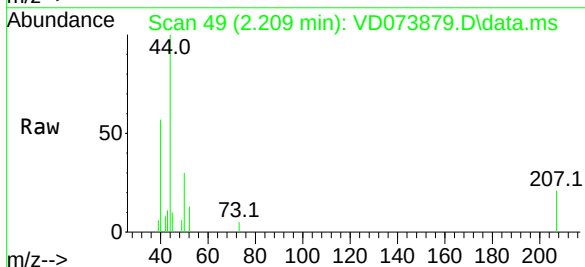
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

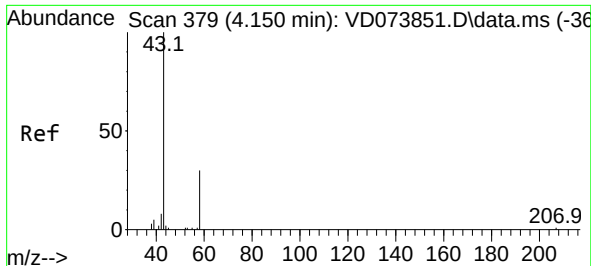
Tgt Ion:168 Resp: 120325
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Tgt Ion: 50 Resp: 1153
Ion Ratio Lower Upper
50 100
52 44.3 27.4 41.0#

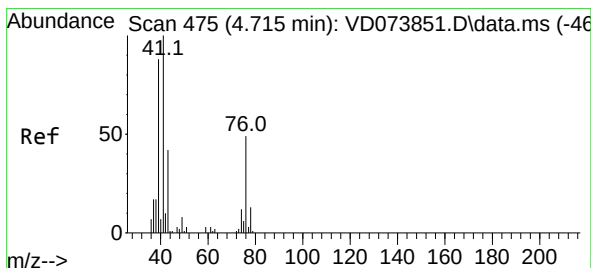
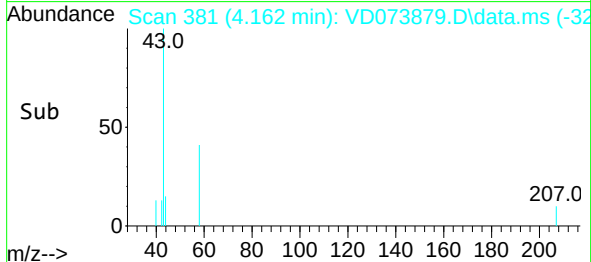
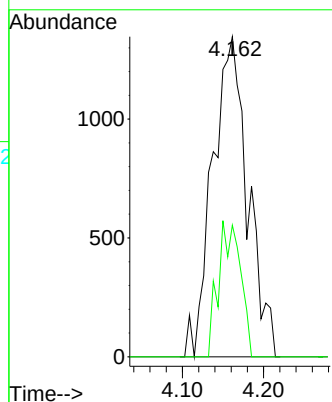
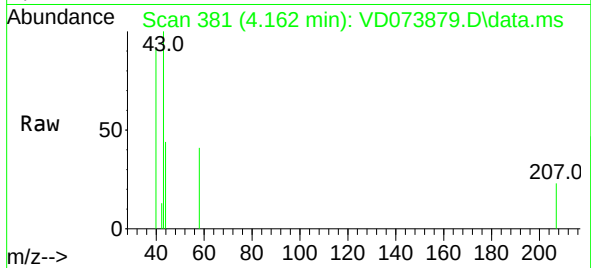




#16
Acetone
Concen: 17.242 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

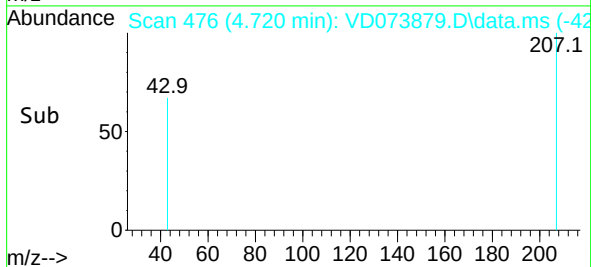
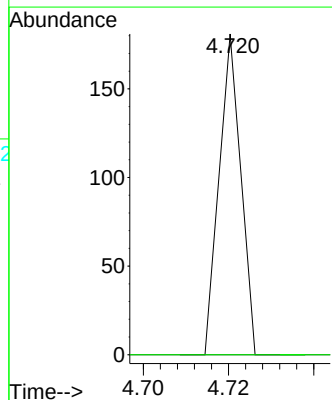
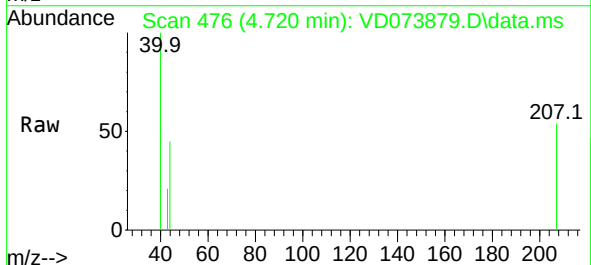
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

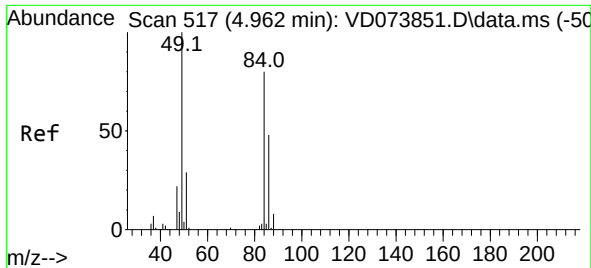
Tgt Ion: 43 Resp: 4065
Ion Ratio Lower Upper
43 100
58 41.1 22.1 33.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

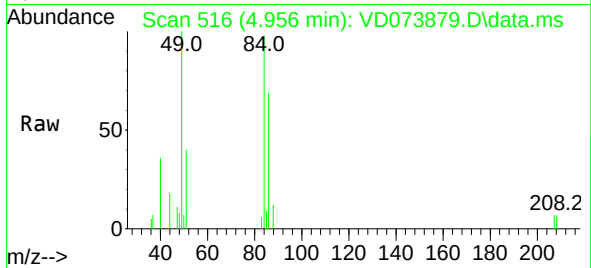
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



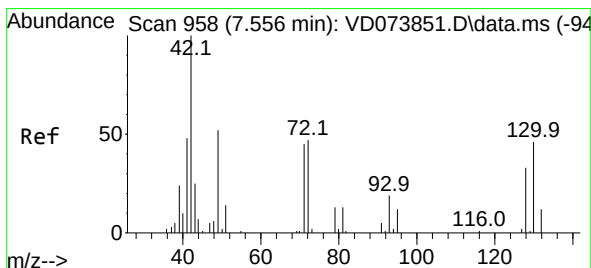
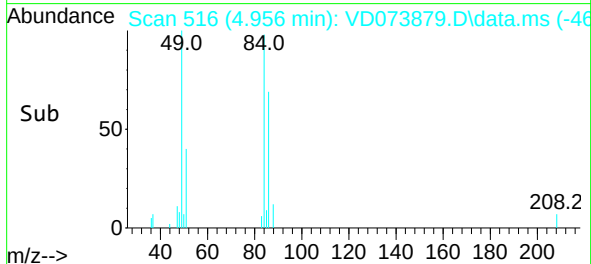
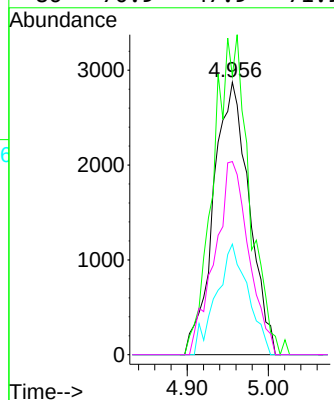


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

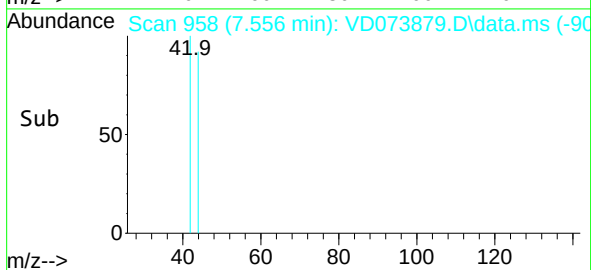
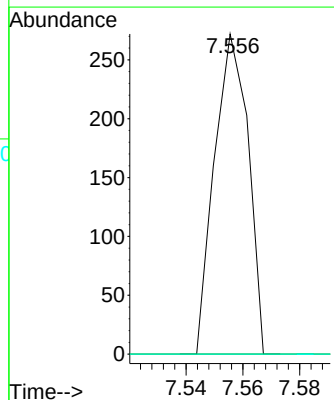
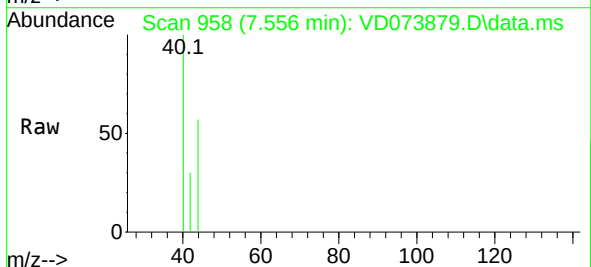


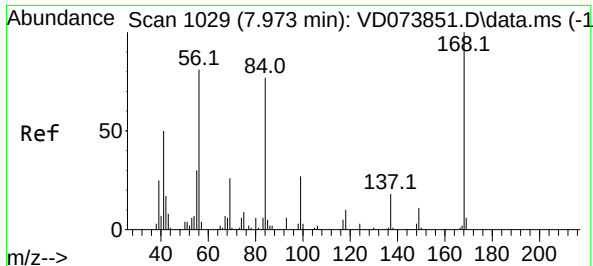
Tgt Ion: 84 Resp: 8764
Ion Ratio Lower Upper
84 100
49 102.3 112.8 169.2#
51 40.6 32.6 48.8
86 70.9 47.9 71.9



#29
Tetrahydrofuran
Concen: 1.104 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Tgt Ion: 42 Resp: 224
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

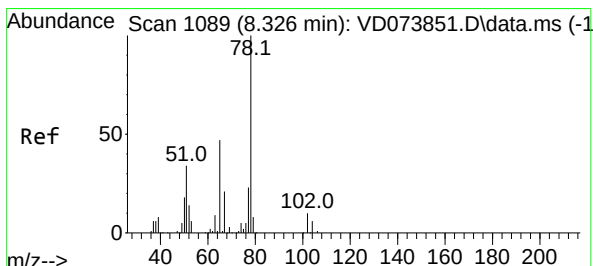
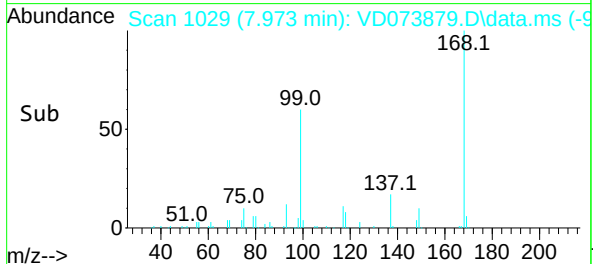
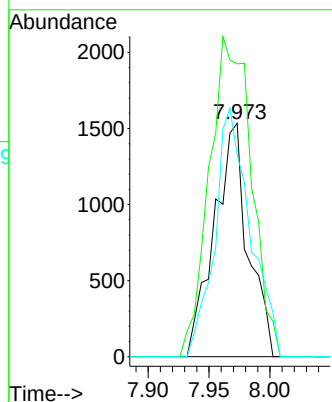
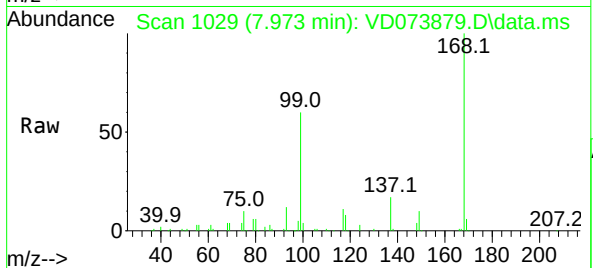




#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

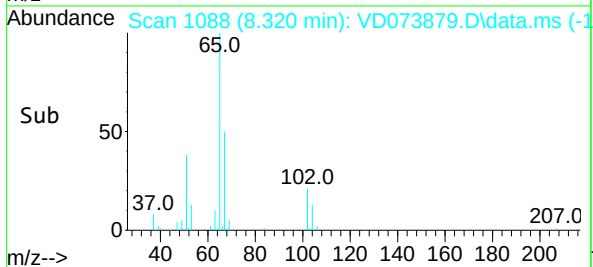
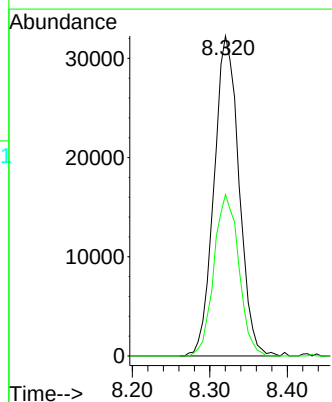
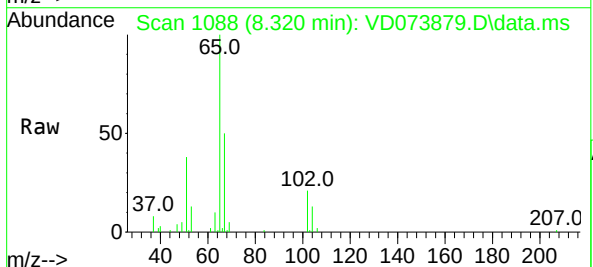
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

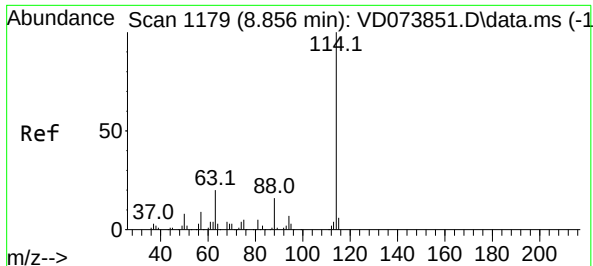
Tgt Ion: 56 Resp: 2977
Ion Ratio Lower Upper
56 100
69 125.5 25.4 38.2#
84 86.6 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 50.312 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Tgt Ion: 65 Resp: 72289
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073879.D

Acq: 20 Jul 2022 14:30

Instrument :

MSVOA_D

ClientSampleId :

CL-02-071522

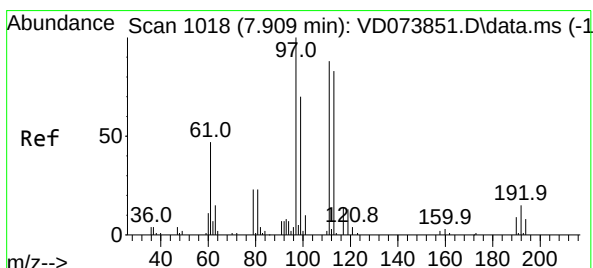
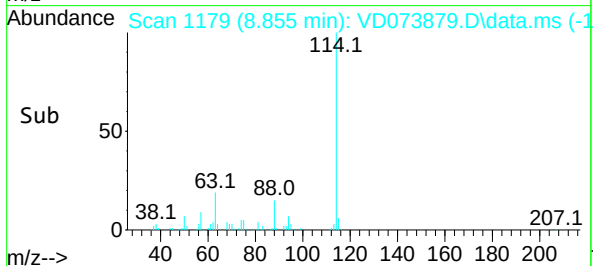
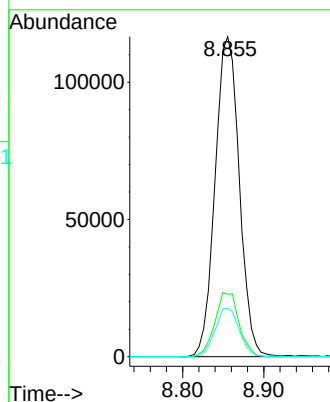
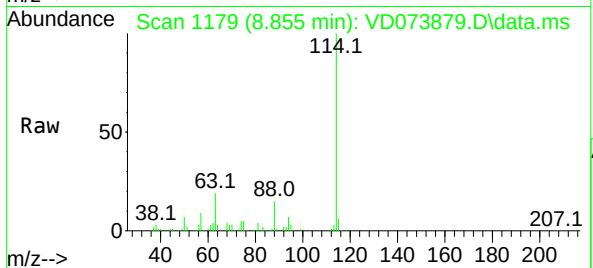
Tgt Ion:114 Resp: 241451

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.777 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073879.D

Acq: 20 Jul 2022 14:30

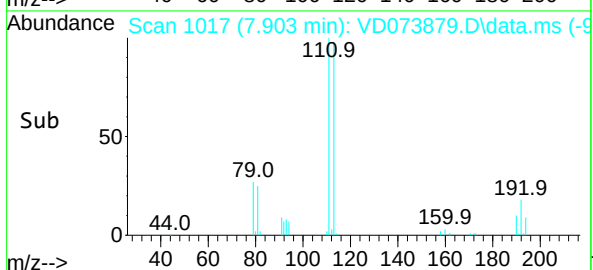
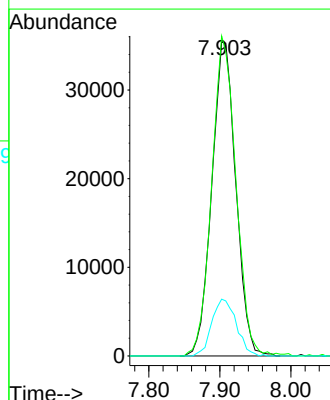
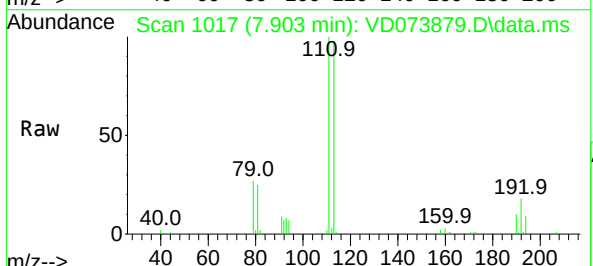
Tgt Ion:113 Resp: 83086

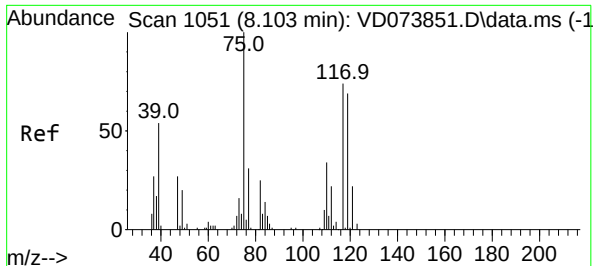
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.335 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073879.D

Acq: 20 Jul 2022 14:30

Instrument :

MSVOA_D

ClientSampleId :

CL-02-071522

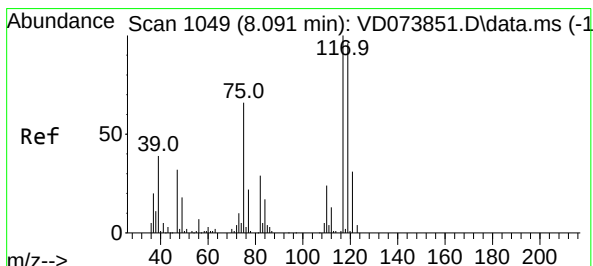
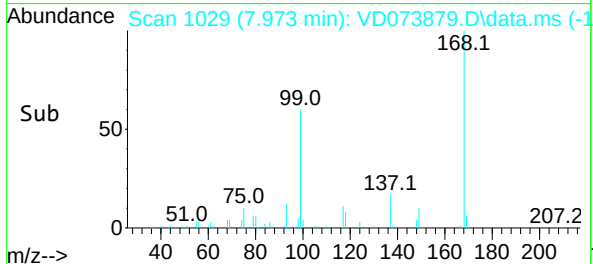
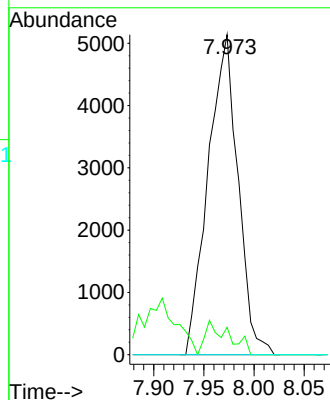
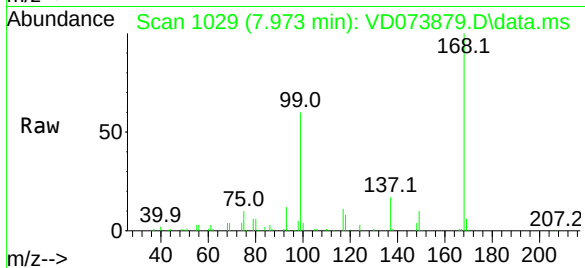
Tgt Ion: 75 Resp: 10652

Ion Ratio Lower Upper

75 100

110 8.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.890 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073879.D

Acq: 20 Jul 2022 14:30

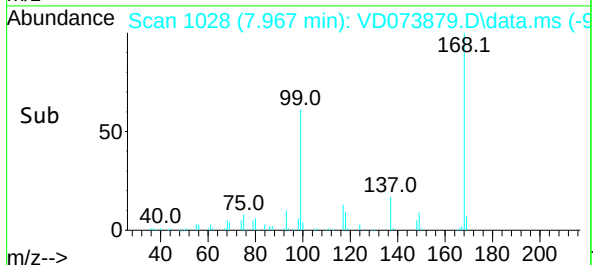
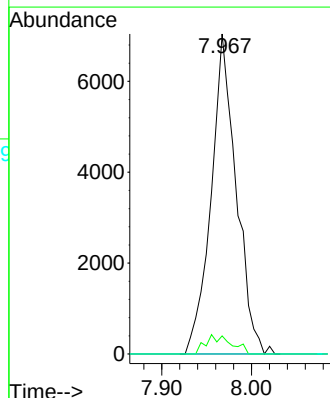
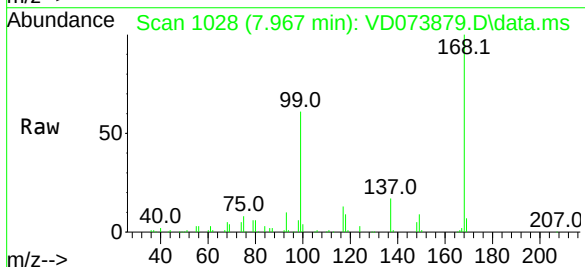
Tgt Ion: 117 Resp: 13722

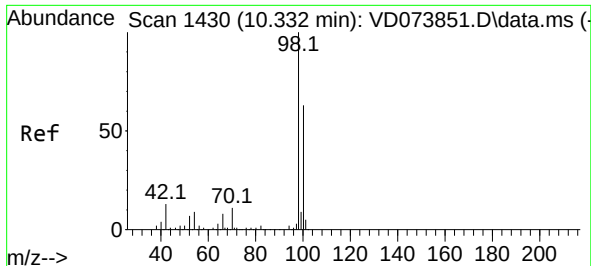
Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.6#

121 0.0 24.5 36.7#

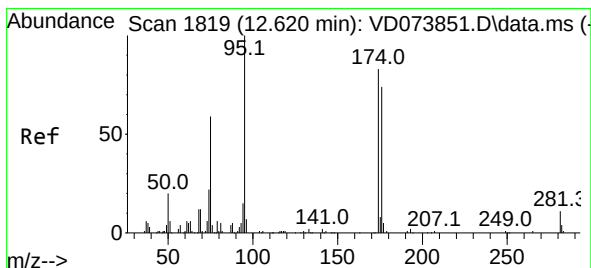
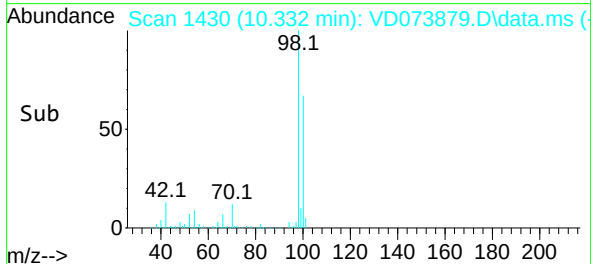
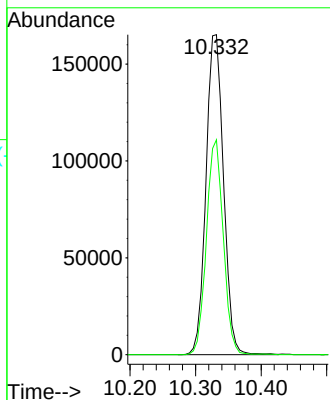
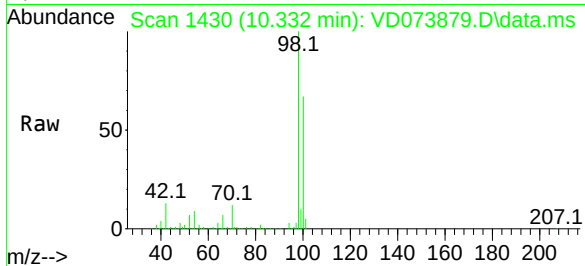




#50
Toluene-d8
Concen: 49.672 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

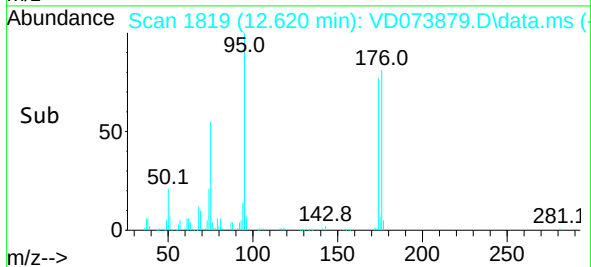
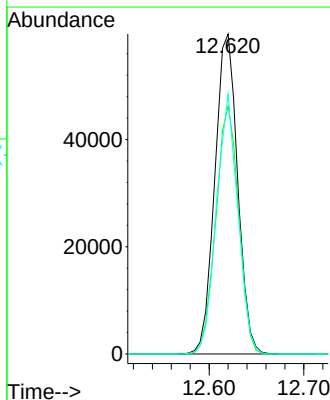
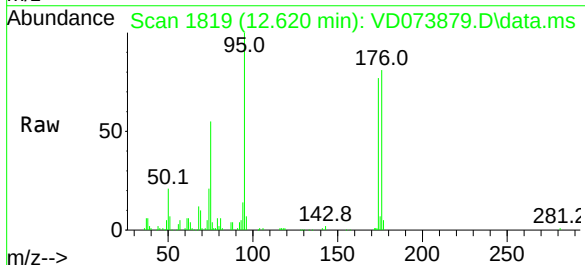
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

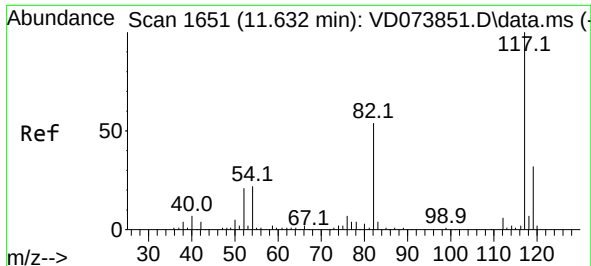
Tgt Ion: 98 Resp: 307154
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.952 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Tgt Ion: 95 Resp: 99824
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 76.4 0.0 145.4

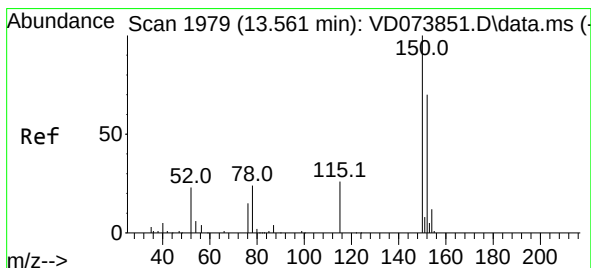
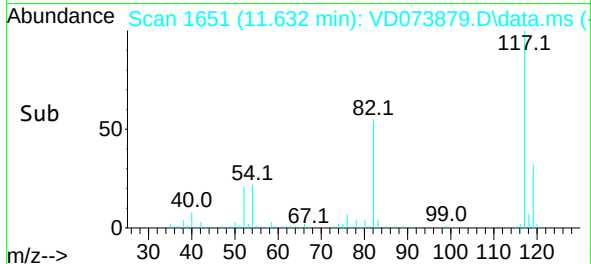
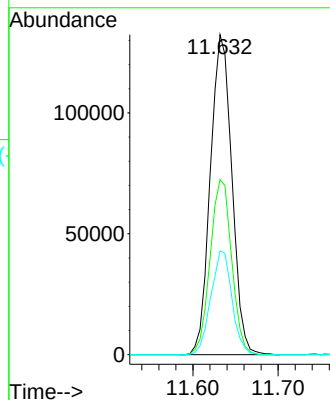
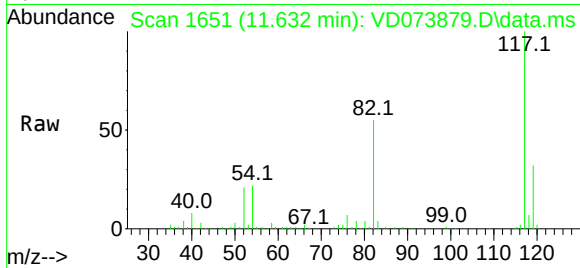




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

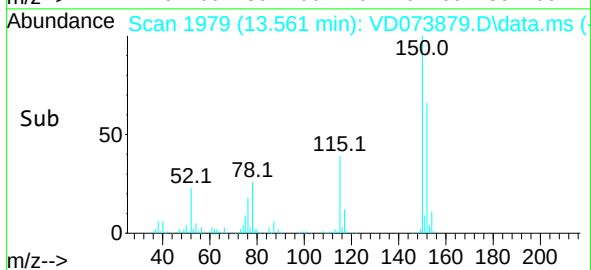
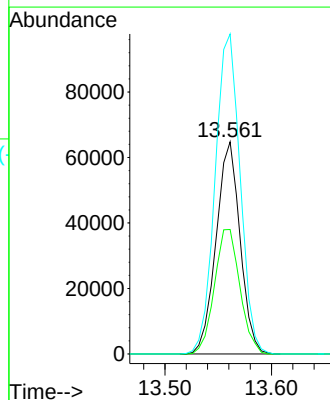
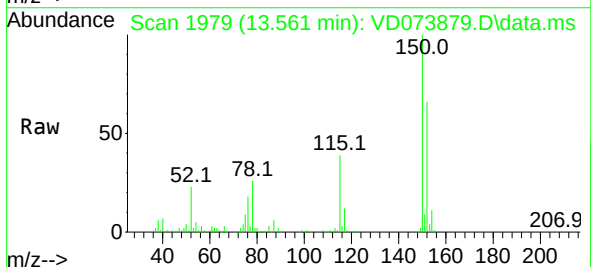
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

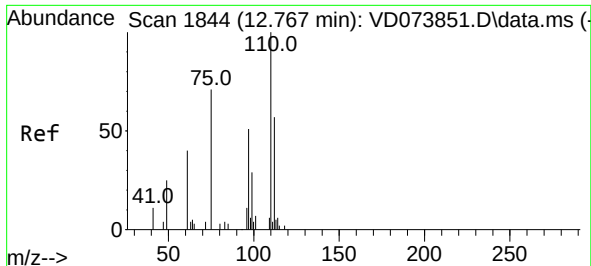
Tgt Ion:117 Resp: 232393
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Tgt Ion:152 Resp: 101277
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 157.1 0.0 348.6

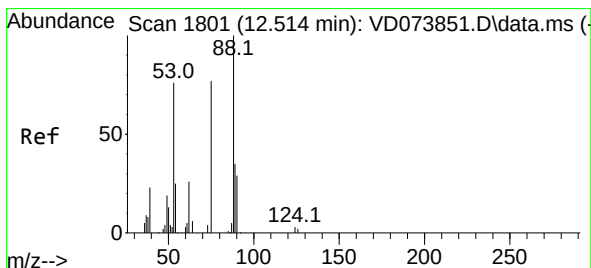
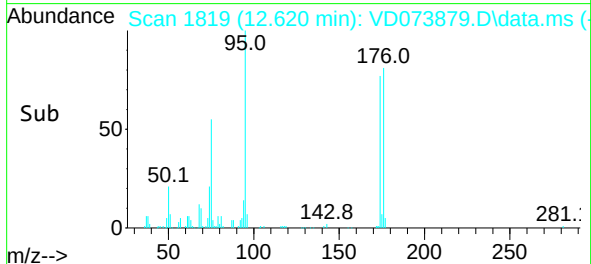
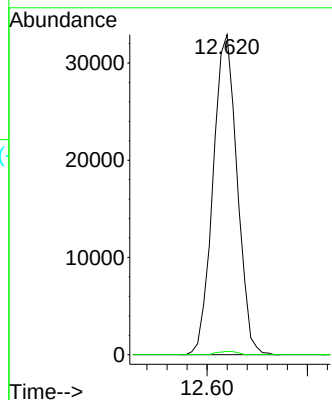
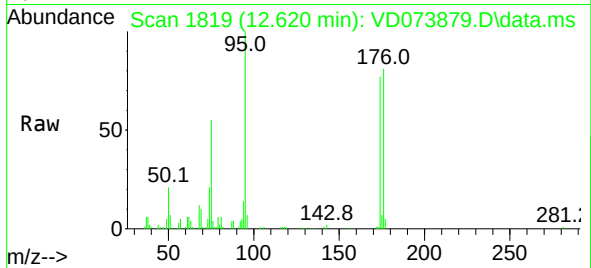




#76
1,2,3-Trichloropropane
Concen: 50.483 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

Tgt Ion: 75 Resp: 54858
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.225 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Tgt Ion: 75 Resp: 54858
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

