

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072029.D
 Acq On : 21 Feb 2022 12:52
 Operator : VA/SY
 Sample : N1579-05
 Misc : 6.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(9.5-10.0)

Quant Time: Feb 22 00:35:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	638645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1074046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1011098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	476126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	311428	47.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.914	113	324134	49.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.332	98	1304291	54.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.626	95	477067	53.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.640%

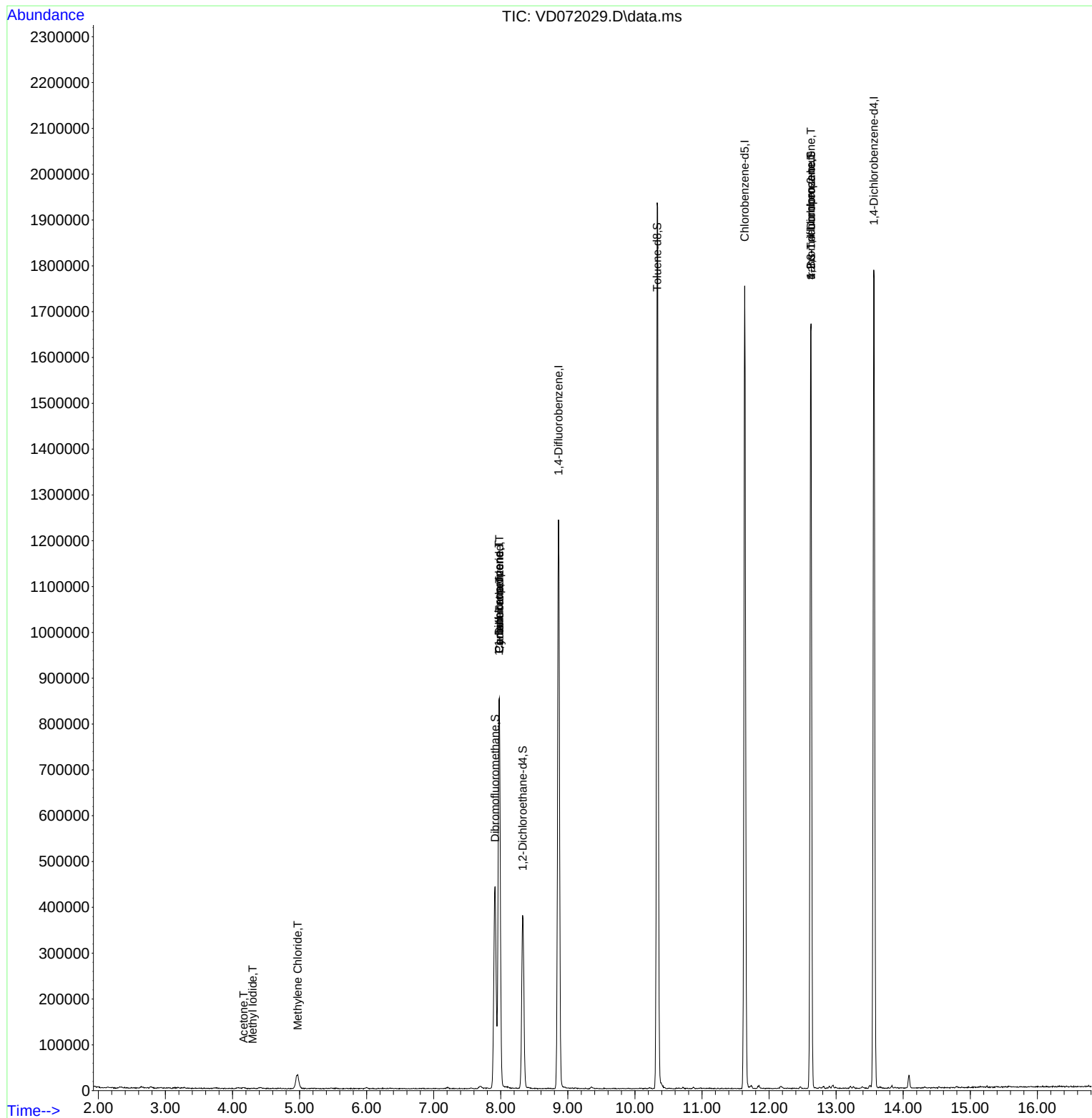
Target Compounds					Qvalue
5) Bromomethane	2.785	94	1616	Below Cal	85
10) Methyl Iodide	4.303	142	1308	3.094 ug/l #	48
16) Acetone	4.167	43	3524	2.461 ug/l #	80
18) Methyl Acetate	4.685	43	54	Below Cal #	52
20) Methylene Chloride	4.973	84	23990	3.367 ug/l	97
31) Cyclohexane	7.979	56	14866	1.270 ug/l #	9
36) 1,1-Dichloropropene	7.973	75	49116	4.983 ug/l #	50
38) Carbon Tetrachloride	7.979	117	65796	6.512 ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	245845	54.511 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	245845	136.508 ug/l #	10

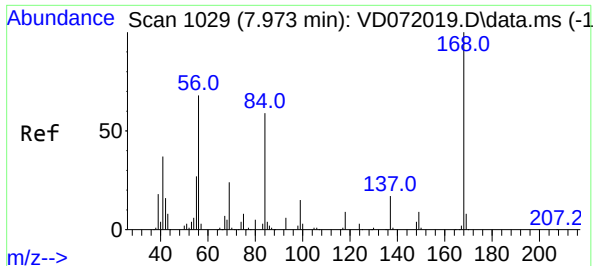
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
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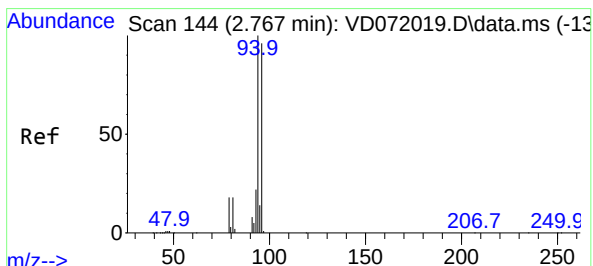
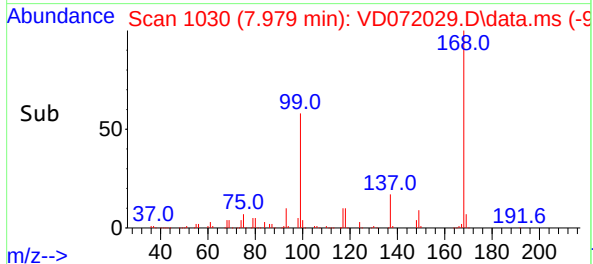
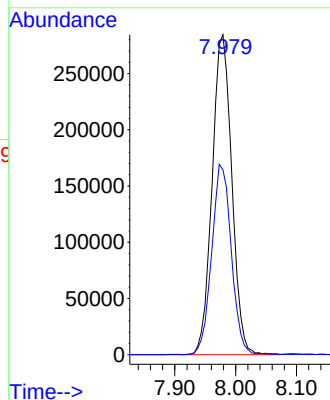
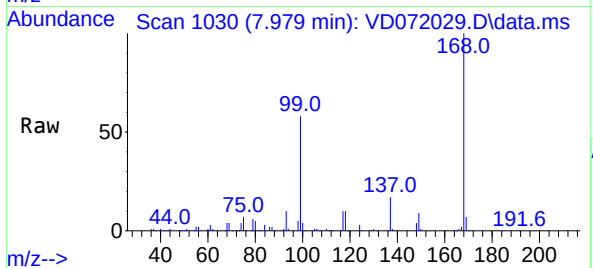




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

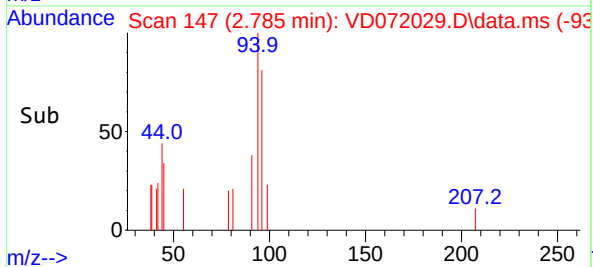
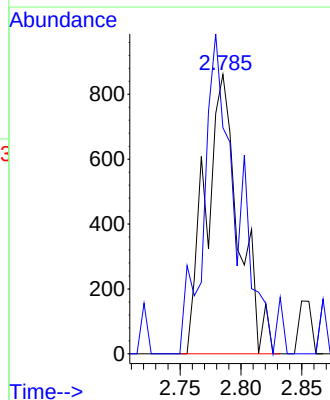
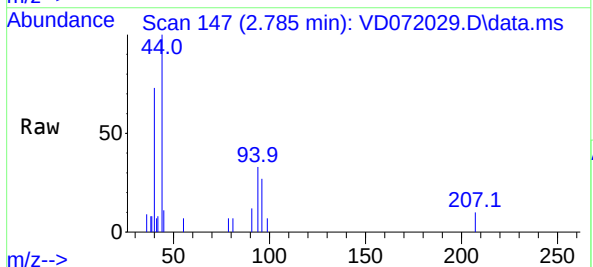
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

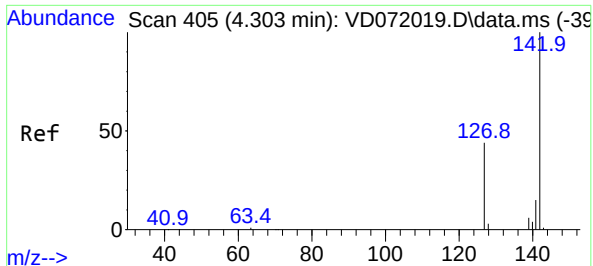
Tgt Ion:168 Resp: 638645
Ion Ratio Lower Upper
168 100
99 57.7 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 94 Resp: 1616
Ion Ratio Lower Upper
94 100
96 81.0 76.8 115.2

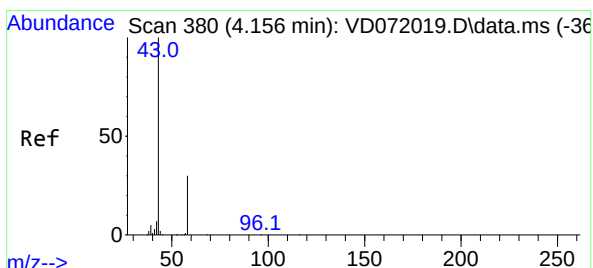
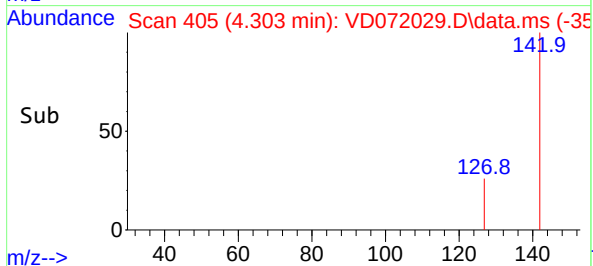
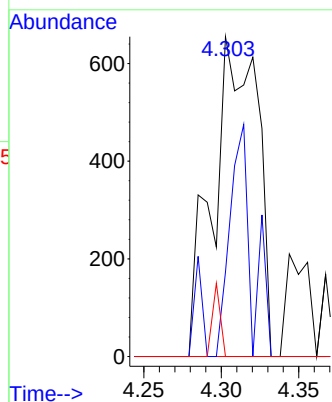
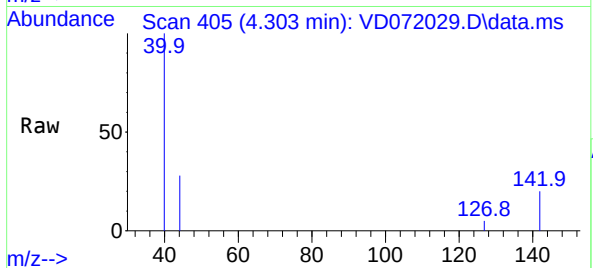




#10
Methyl Iodide
Concen: 3.094 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

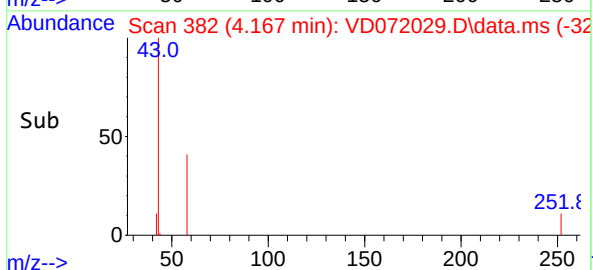
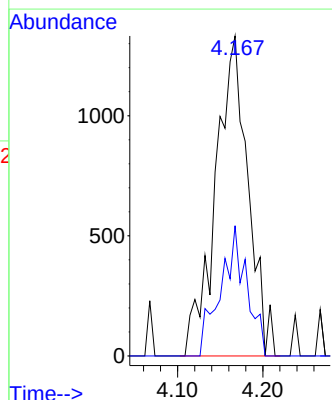
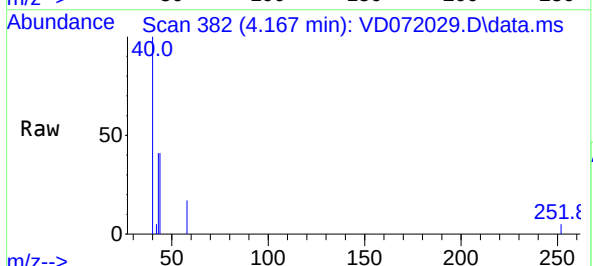
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

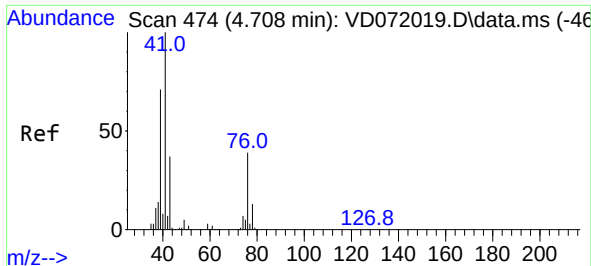
Tgt Ion:142 Resp: 1308
Ion Ratio Lower Upper
142 100
127 5.5 35.8 53.8#
141 4.1 11.6 17.4#



#16
Acetone
Concen: 2.461 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 43 Resp: 3524
Ion Ratio Lower Upper
43 100
58 40.7 23.8 35.6#

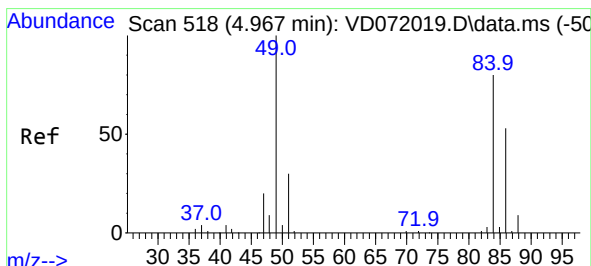
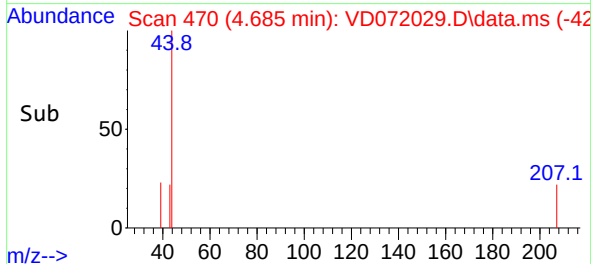
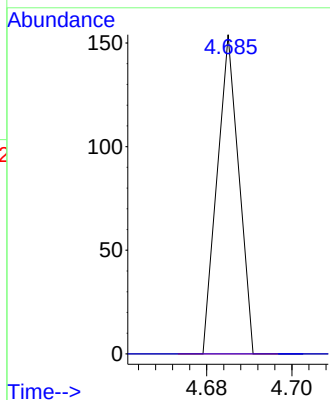
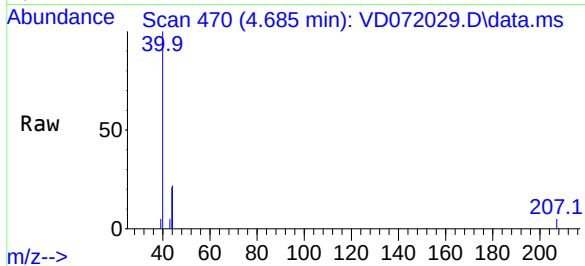




#18
Methyl Acetate
Concen: Below Cal
RT: 4.685 min Scan# 41
Delta R.T. -0.023 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

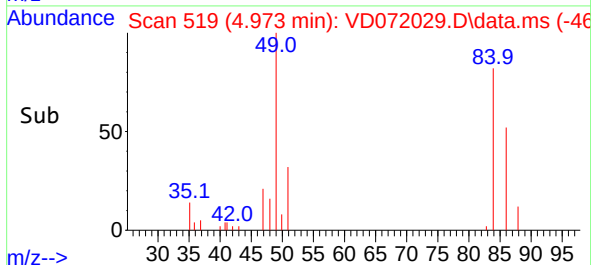
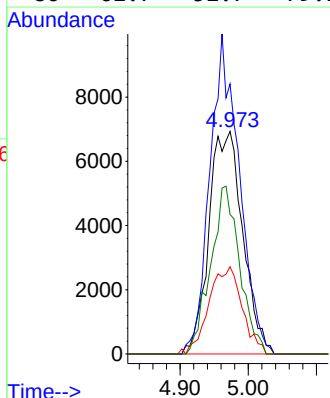
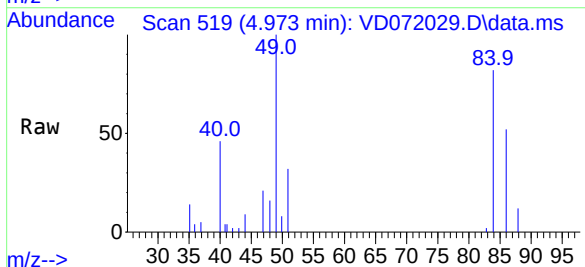
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

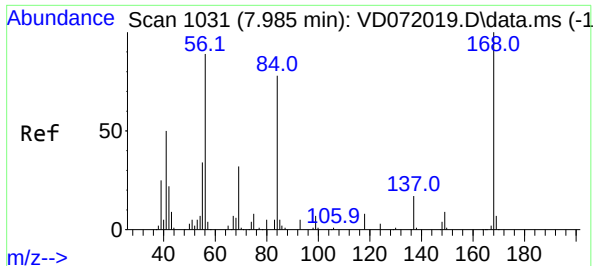
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 3.367 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 84 Resp: 23990
Ion Ratio Lower Upper
84 100
49 121.4 100.0 150.0
51 39.2 30.2 45.4
86 62.7 52.7 79.1





#31

Cyclohexane

Concen: 1.270 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072029.D

Acq: 21 Feb 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

SB-6-(9.5-10.0)

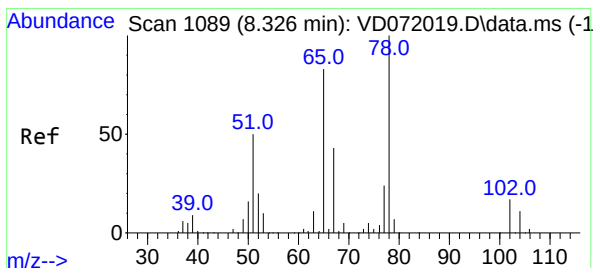
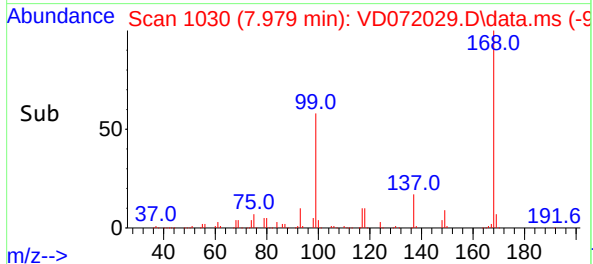
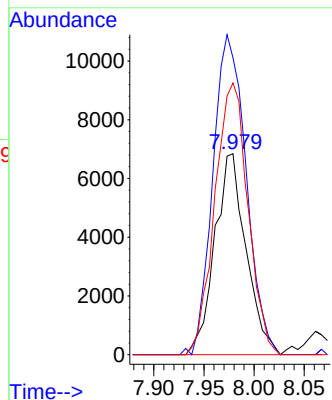
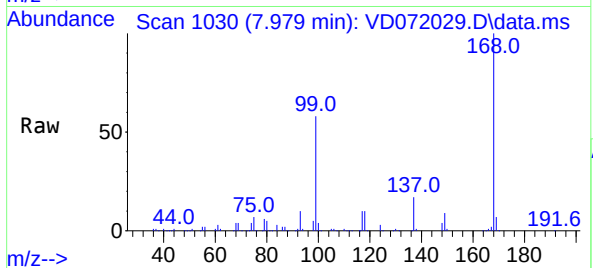
Tgt Ion: 56 Resp: 14866

Ion Ratio Lower Upper

56 100

69 147.7 28.9 43.3#

84 135.2 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 47.011 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072029.D

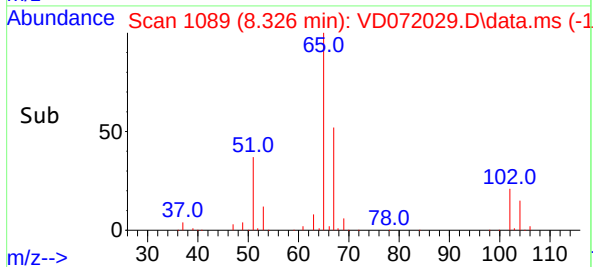
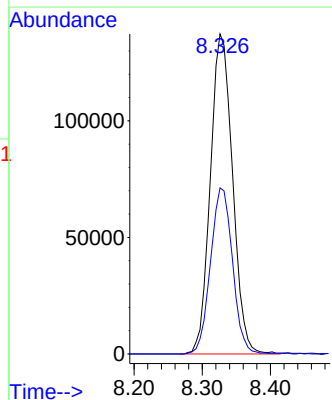
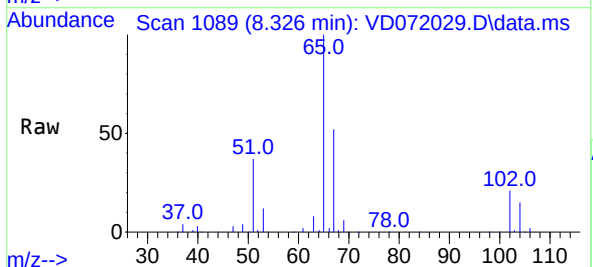
Acq: 21 Feb 2022 12:52

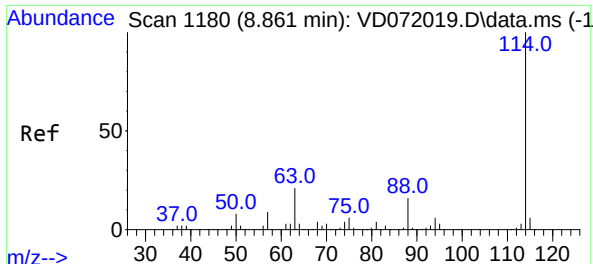
Tgt Ion: 65 Resp: 311428

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.6

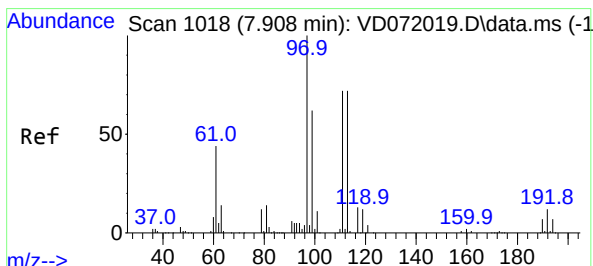
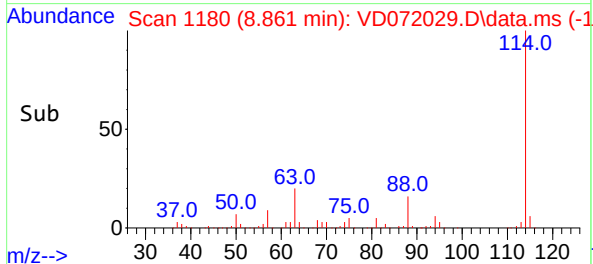
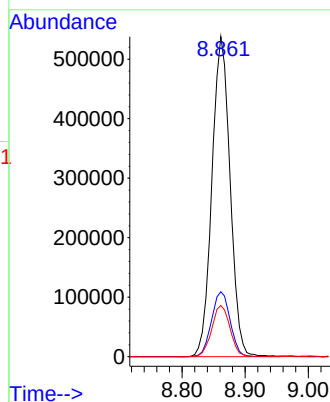
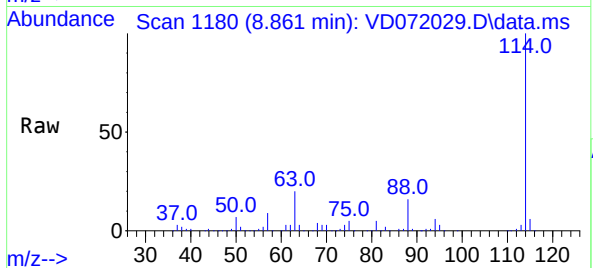




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

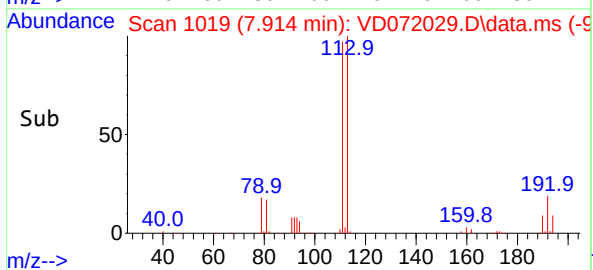
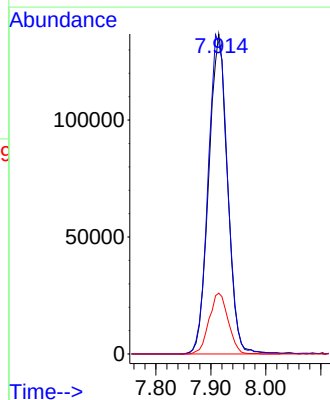
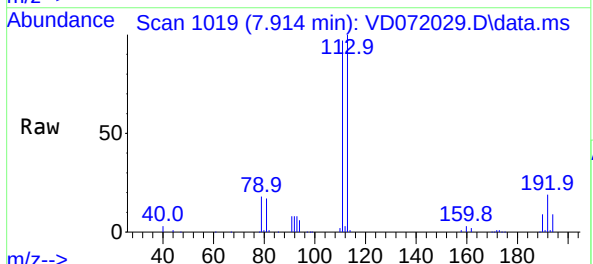
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

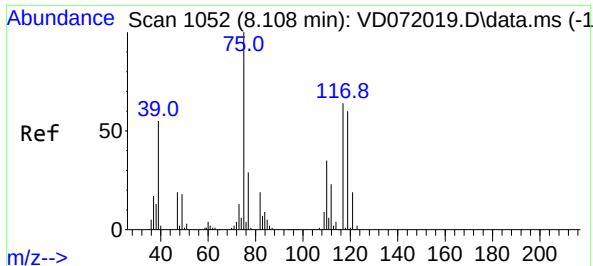
Tgt Ion:114 Resp: 1074046
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.811 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion:113 Resp: 324134
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 19.3 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.983 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072029.D

Acq: 21 Feb 2022 12:52

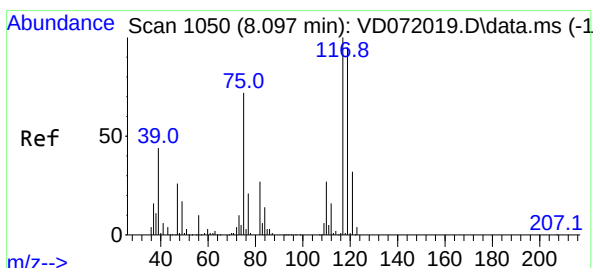
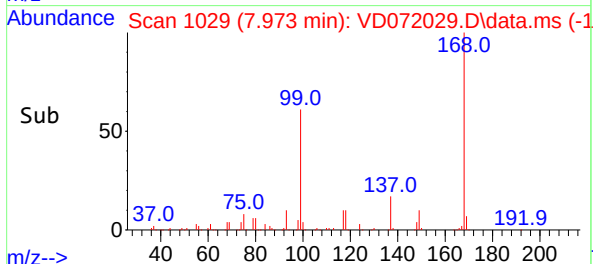
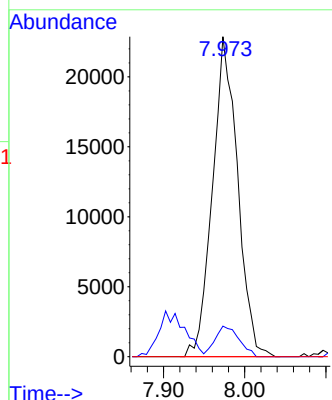
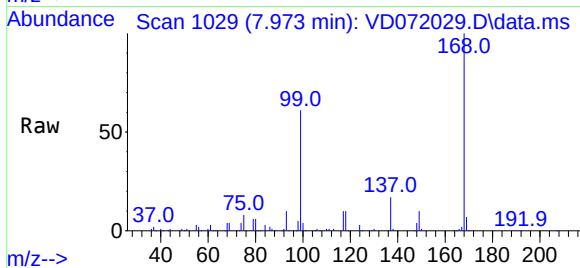
Instrument :

MSVOA_D

ClientSampleId :

SB-6-(9.5-10.0)

Tgt Ion:	75	Resp:	49116
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.7	53.1#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 6.512 ug/l

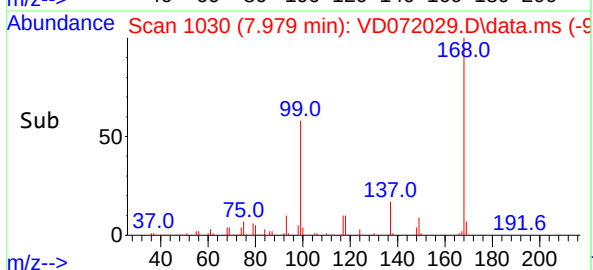
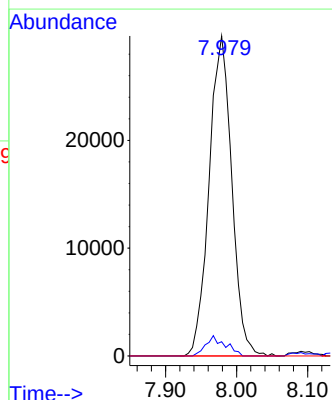
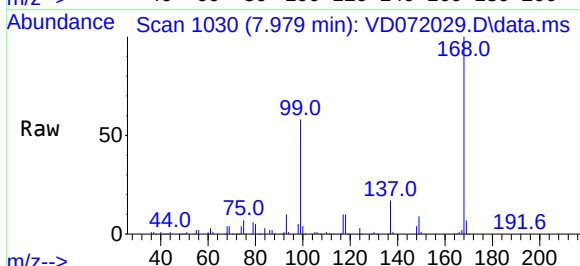
RT: 7.979 min Scan# 1030

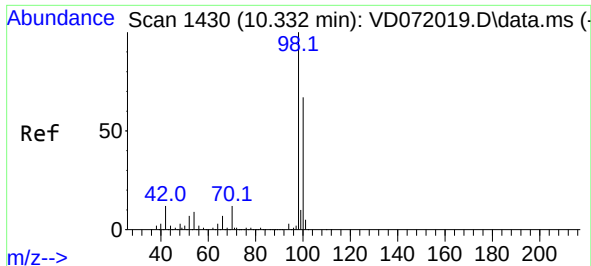
Delta R.T. -0.118 min

Lab File: VD072029.D

Acq: 21 Feb 2022 12:52

Tgt Ion:	117	Resp:	65796
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.8#
121	0.0	25.8	38.6#

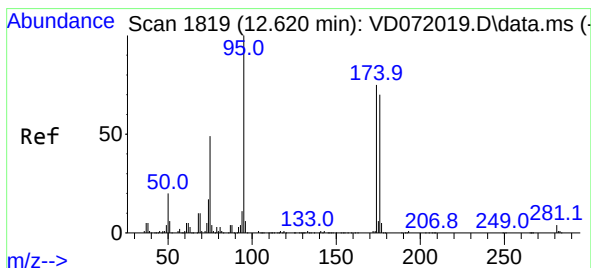
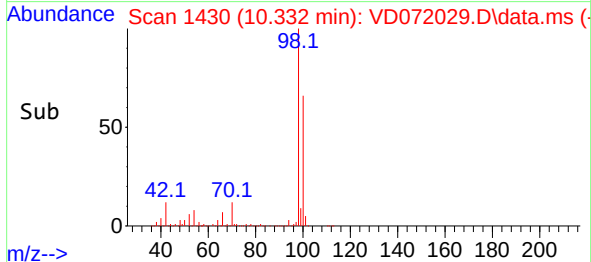
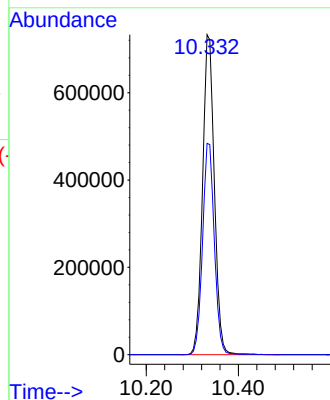
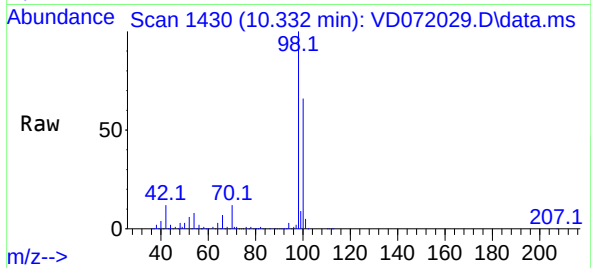




#50
Toluene-d8
Concen: 54.048 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

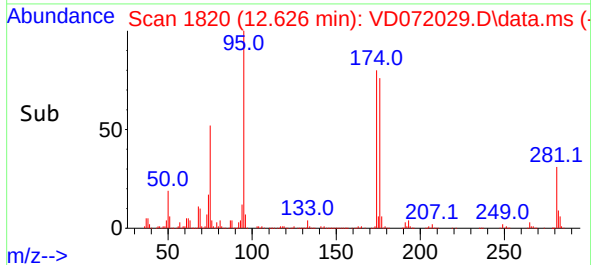
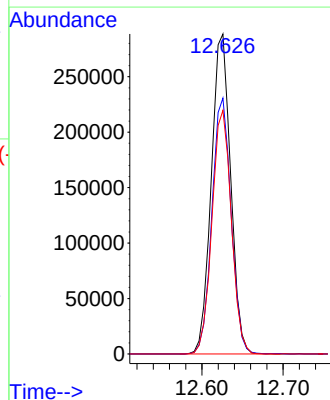
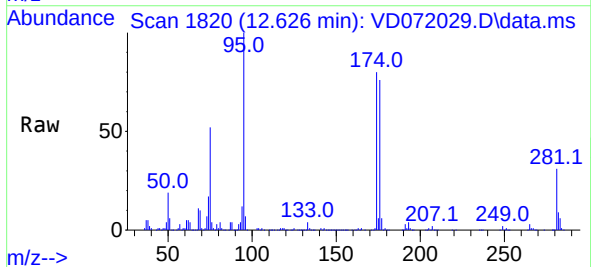
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

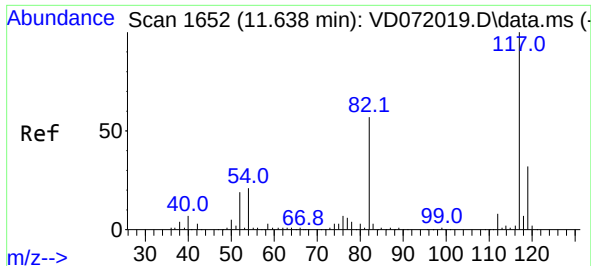
Tgt Ion: 98 Resp: 1304291
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.819 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 95 Resp: 477067
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.0
176 76.1 0.0 148.8

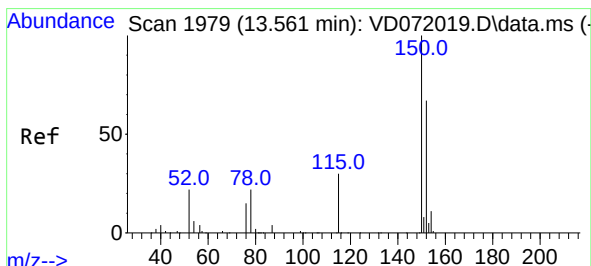
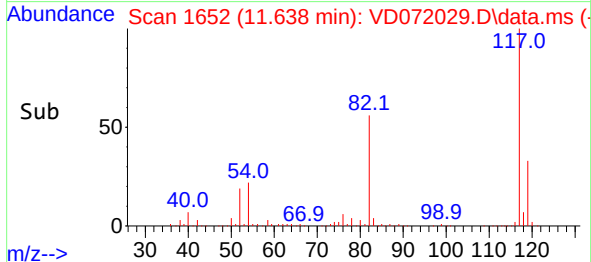
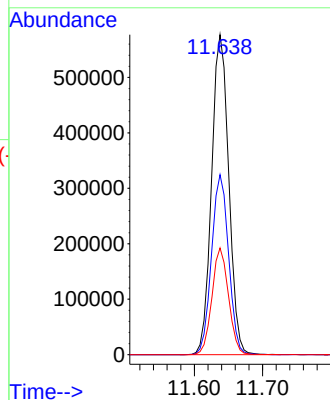
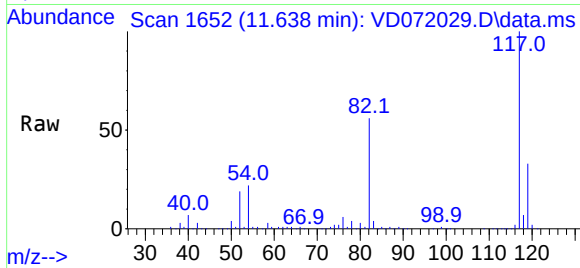




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

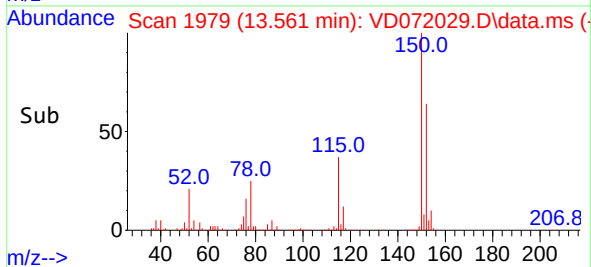
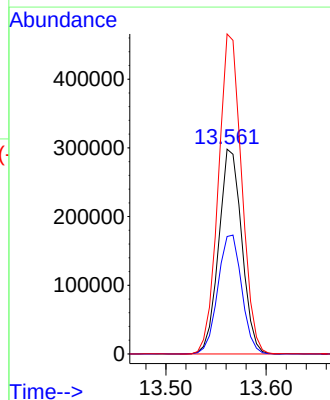
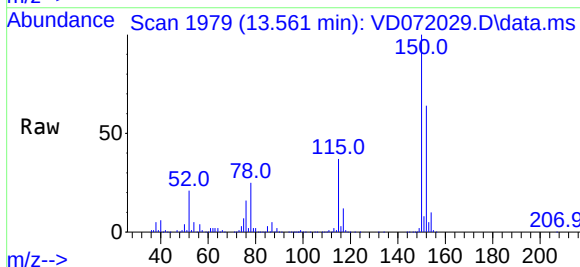
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

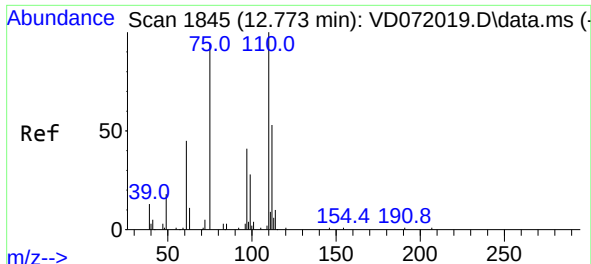
Tgt Ion:117 Resp: 1011098
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion:152 Resp: 476126
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 157.8 0.0 347.6

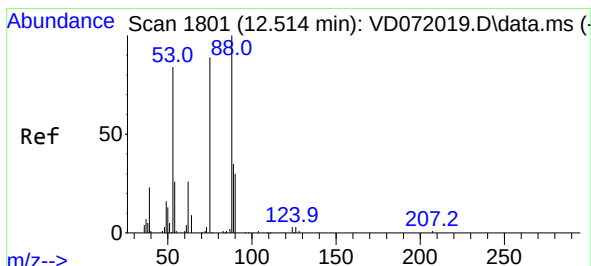
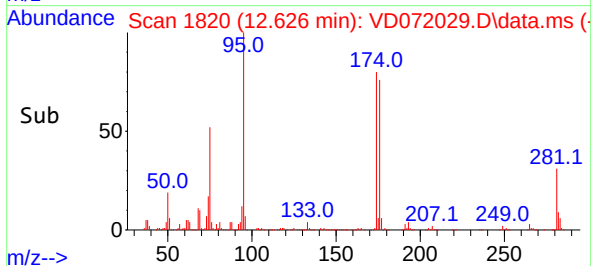
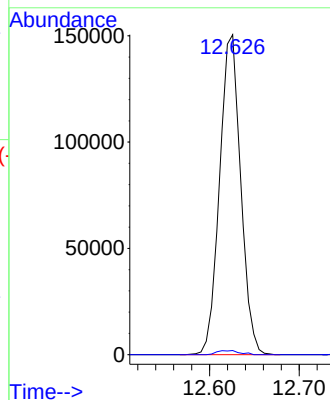
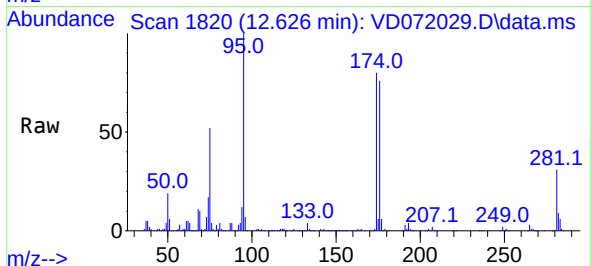




#76
1,2,3-Trichloropropane
Concen: 54.511 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

Tgt Ion: 75 Resp: 245845
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.508 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 75 Resp: 245845
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.4 36.4 54.6#

