

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072879.D
 Acq On : 07 May 2022 05:49
 Operator : VA/SY
 Sample : N2725-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 24702

Quant Time: May 09 01:21:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

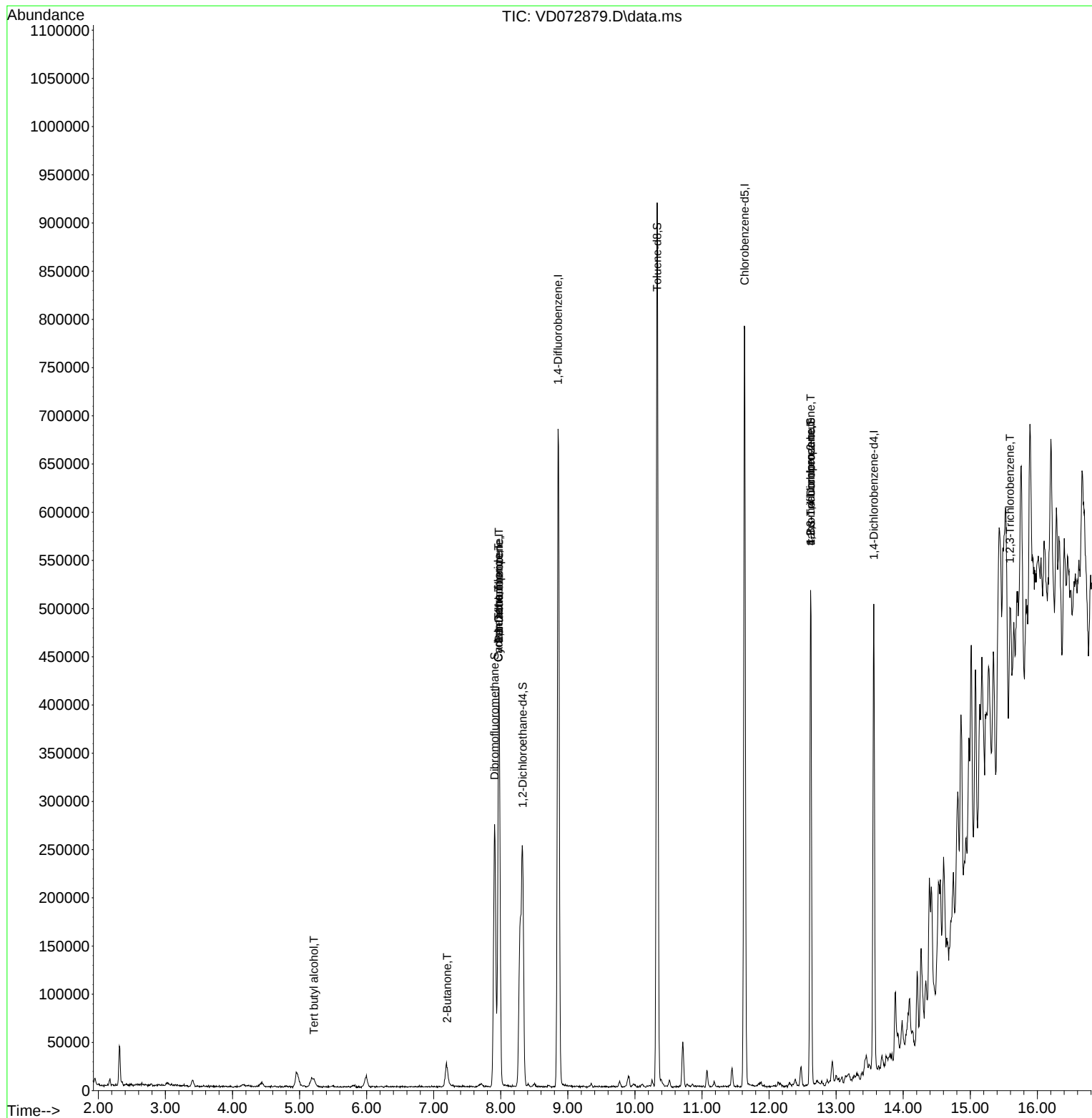
Internal Standards						
1) Pentafluorobenzene	7.973	168	300792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	576130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	456163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186668	47.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.620%
35) Dibromofluoromethane	7.908	113	196055	48.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.332	98	610304	42.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.100%
62) 4-Bromofluorobenzene	12.620	95	172772	31.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.840%
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	888	Below Cal	#	1
11) Tert butyl alcohol	5.214	59	6248	18.495	ug/l #	95
16) Acetone	4.156	43	5168	Below Cal	#	87
18) Methyl Acetate	4.538	43	63	Below Cal	#	55
20) Methylene Chloride	4.962	84	11349	Below Cal		97
25) 2-Butanone	7.203	43	1380	1.213	ug/l #	52
31) Cyclohexane	7.967	56	7037	1.031	ug/l #	11
36) 1,1-Dichloropropene	7.973	75	27217	4.137	ug/l #	52
38) Carbon Tetrachloride	7.967	117	30651	4.488	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	87964	62.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	87964	142.981	ug/l #	7
96) 1,2,3-Trichlorobenzene	15.590	180	11510	5.327	ug/l #	14

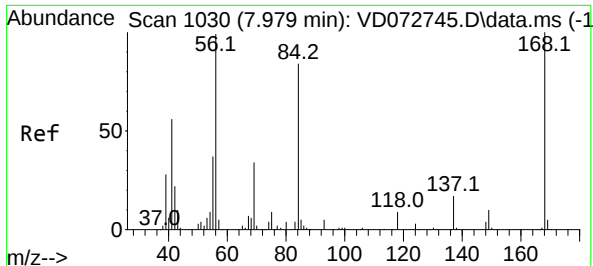
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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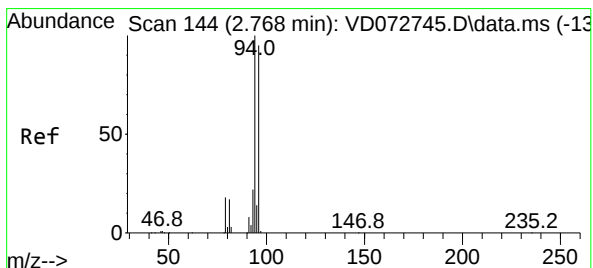
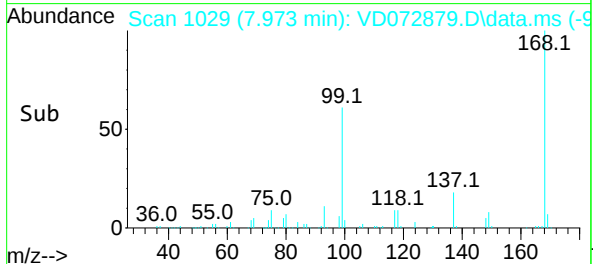
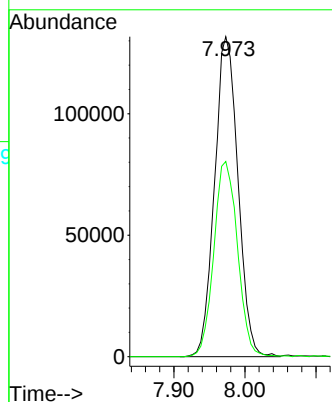
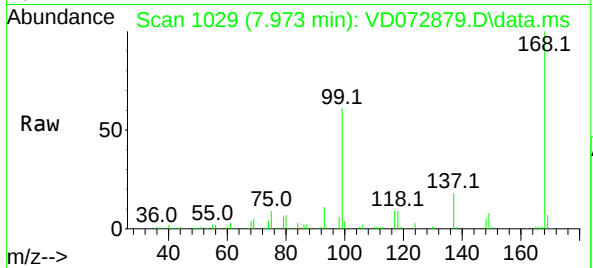




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

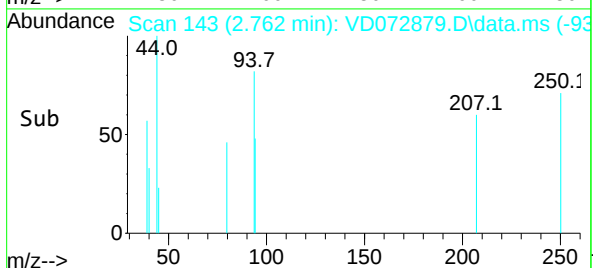
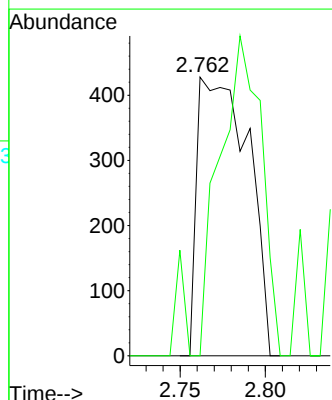
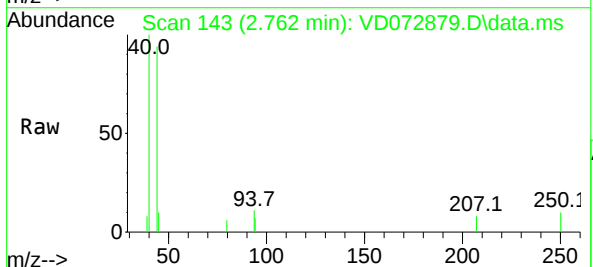
Instrument :
MSVOA_D
ClientSampleId :
24702

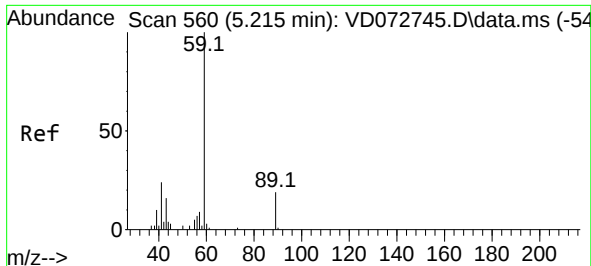
Tgt Ion:168 Resp: 300792
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

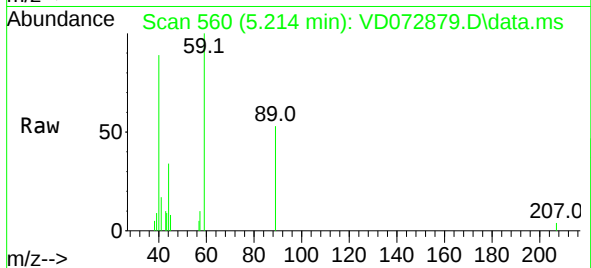
Tgt Ion: 94 Resp: 888
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



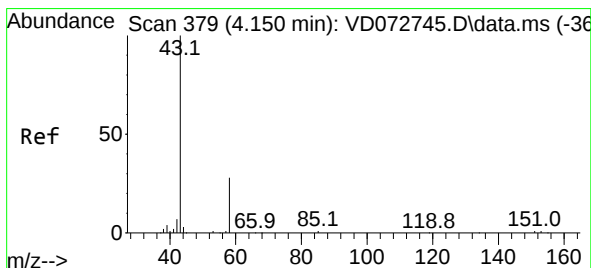
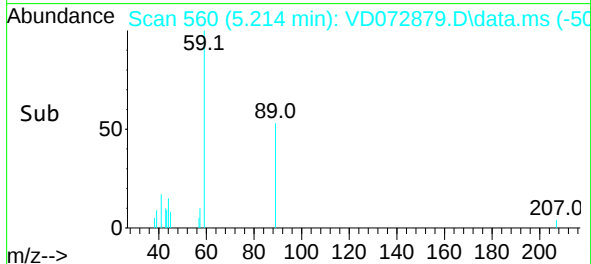
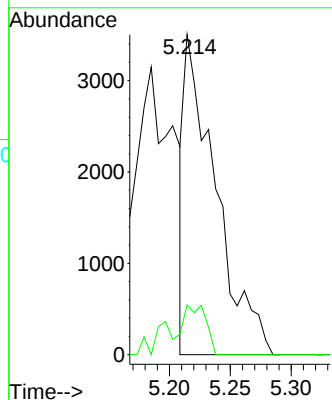


#11
Tert butyl alcohol
Concen: 18.495 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.001 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

Instrument :
MSVOA_D
ClientSampleId :
24702

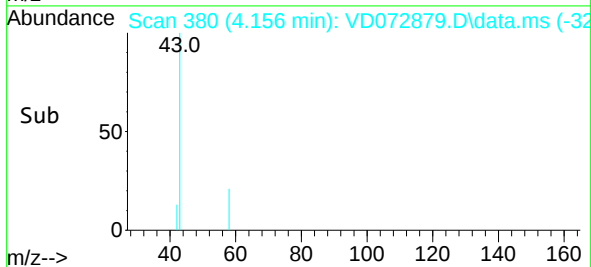
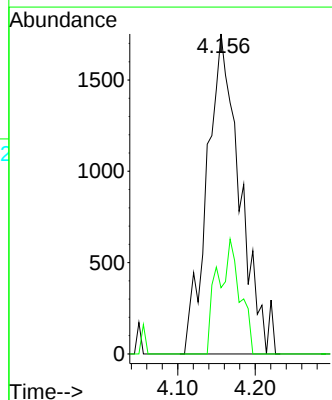
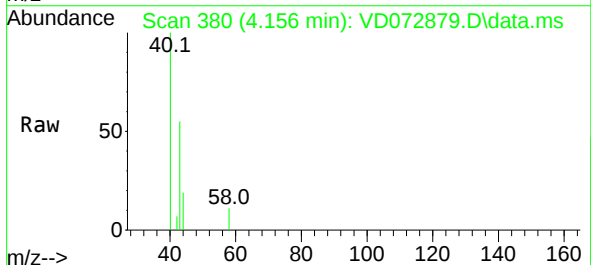


Tgt Ion: 59 Resp: 6248
Ion Ratio Lower Upper
59 100
57 11.7 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

Tgt Ion: 43 Resp: 5168
Ion Ratio Lower Upper
43 100
58 20.7 22.1 33.1#



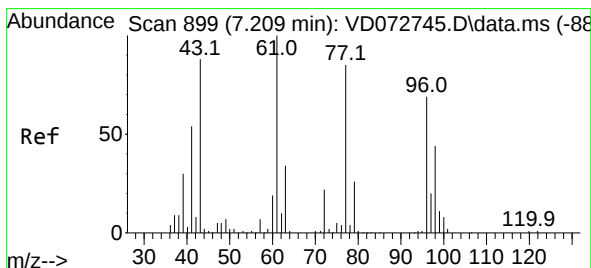
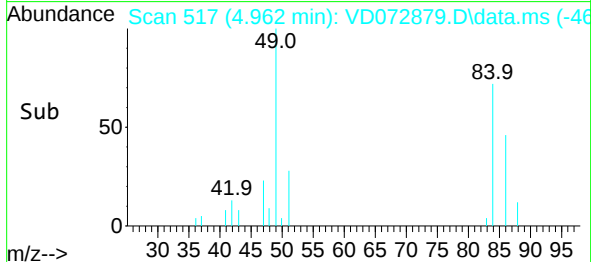
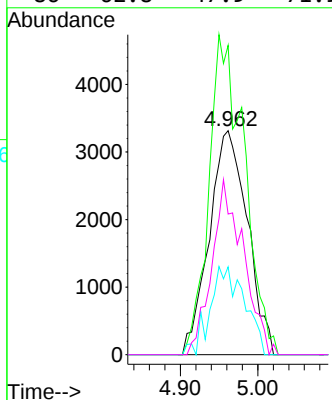
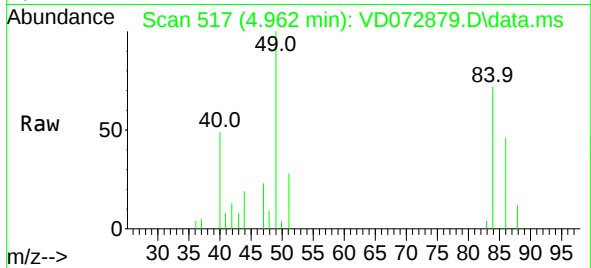


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

Instrument :
MSVOA_D
ClientSampleId :
24702

Tgt Ion: 84 Resp: 11349

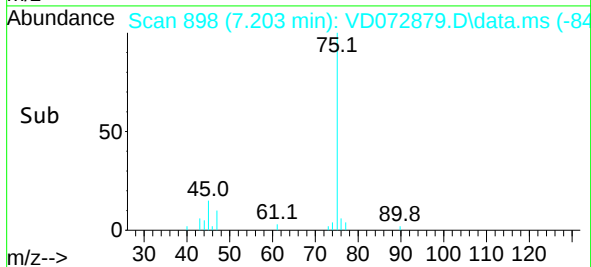
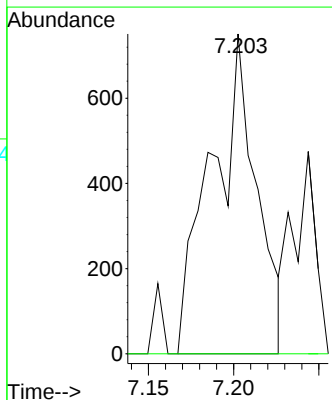
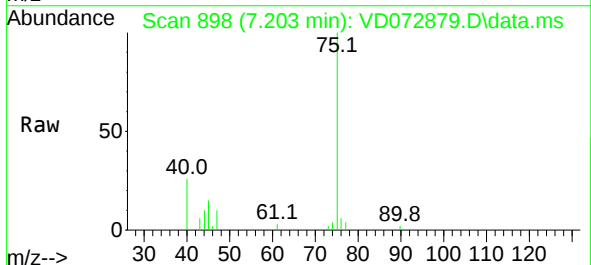
Ion	Ratio	Lower	Upper
84	100		
49	138.0	112.8	169.2
51	39.2	32.6	48.8
86	62.8	47.9	71.9

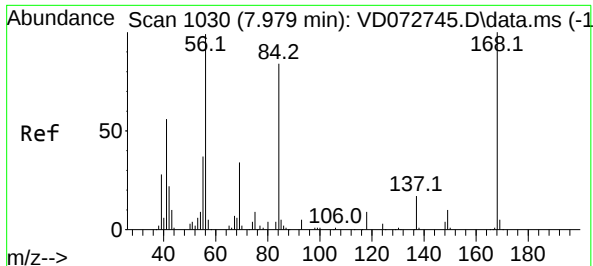


#25
2-Butanone
Concen: 1.213 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

Tgt Ion: 43 Resp: 1380

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.031 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD072879.D

Acq: 07 May 2022 05:49

Instrument :

MSVOA_D

ClientSampleId :

24702

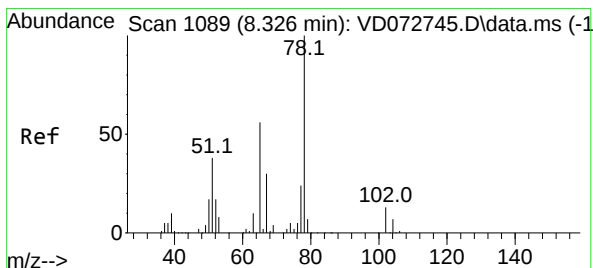
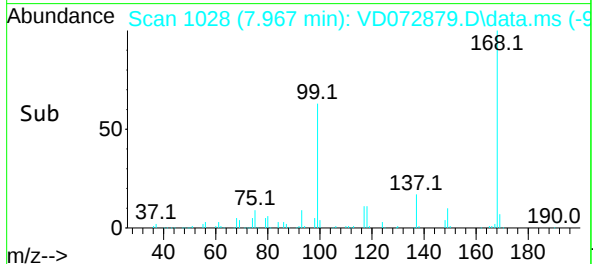
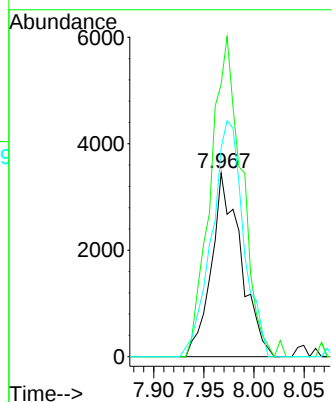
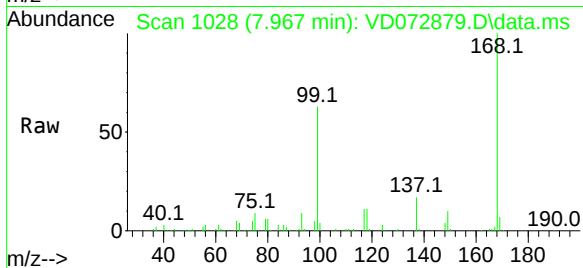
Tgt Ion: 56 Resp: 7037

Ion Ratio Lower Upper

56 100

69 148.5 25.4 38.2#

84 113.8 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 47.808 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072879.D

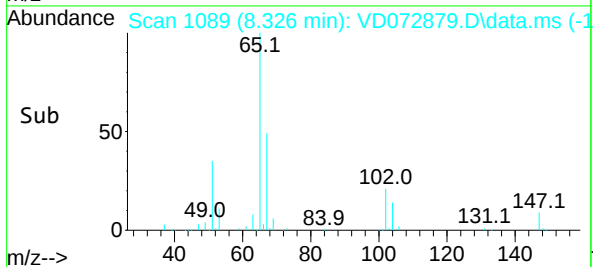
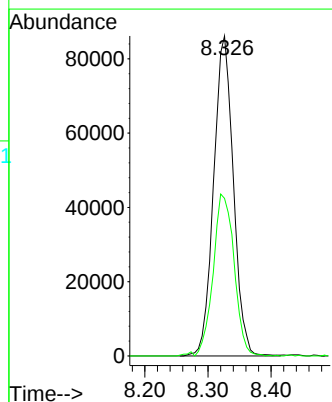
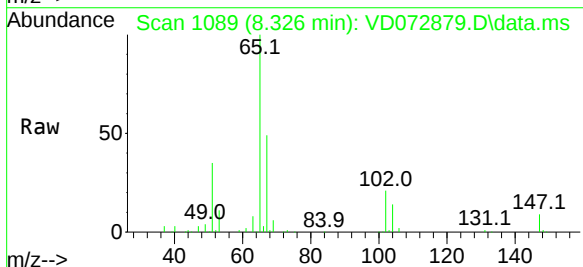
Acq: 07 May 2022 05:49

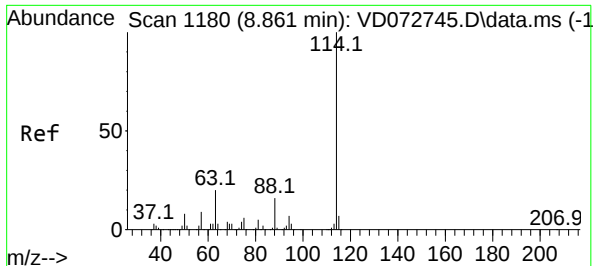
Tgt Ion: 65 Resp: 186668

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072879.D

Acq: 07 May 2022 05:49

Instrument :

MSVOA_D

ClientSampleId :

24702

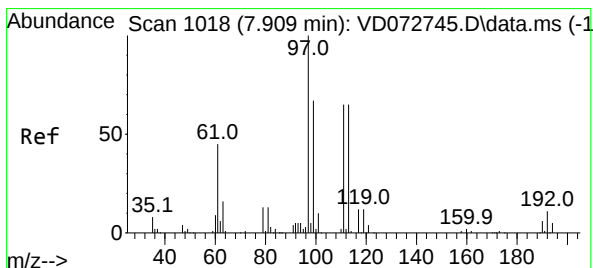
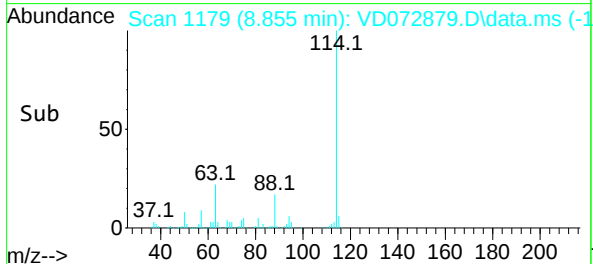
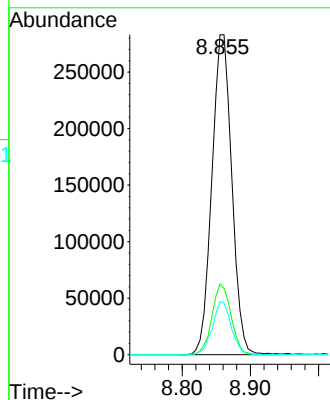
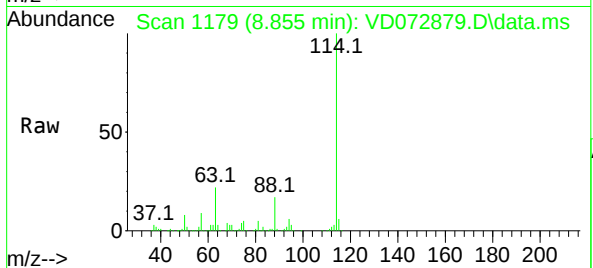
Tgt Ion:114 Resp: 576130

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.454 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072879.D

Acq: 07 May 2022 05:49

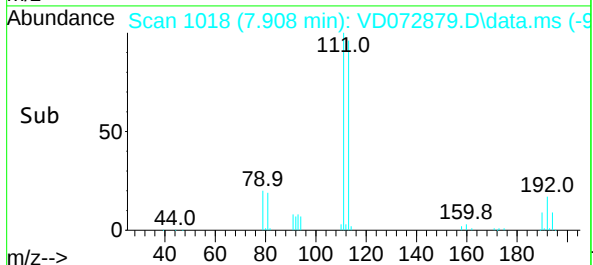
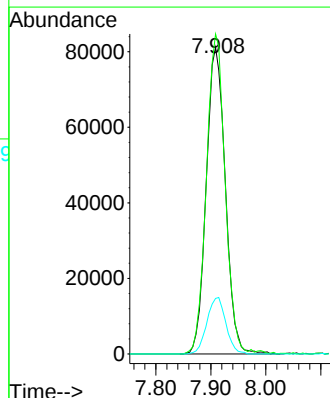
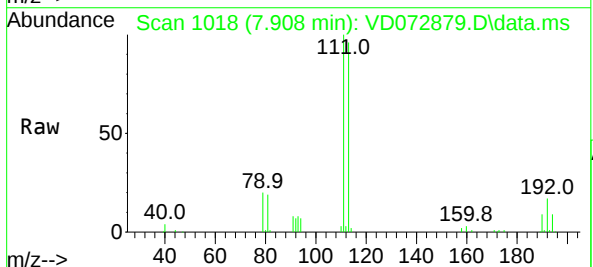
Tgt Ion:113 Resp: 196055

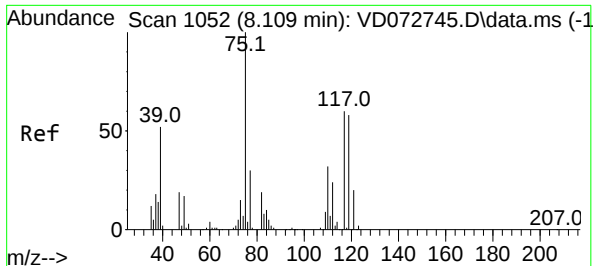
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.137 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072879.D

Acq: 07 May 2022 05:49

Instrument :

MSVOA_D

ClientSampleId :

24702

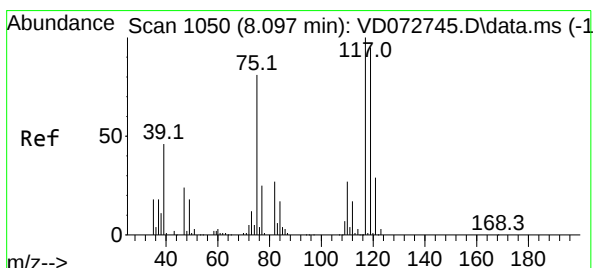
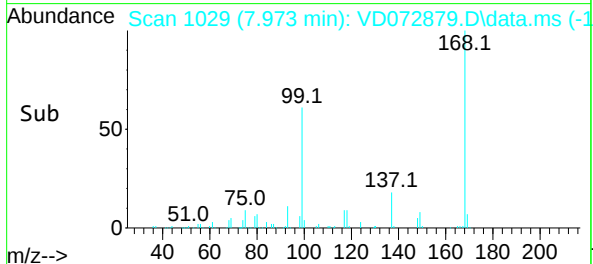
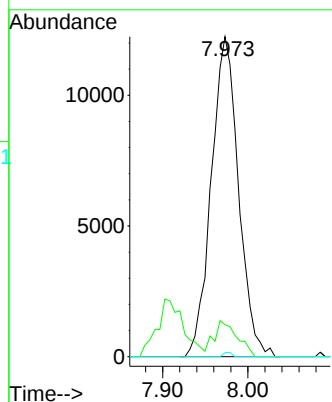
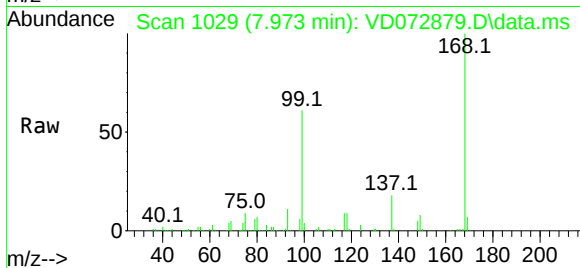
Tgt Ion: 75 Resp: 27217

Ion Ratio Lower Upper

75 100

110 9.6 16.4 49.1#

77 0.4 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.488 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.130 min

Lab File: VD072879.D

Acq: 07 May 2022 05:49

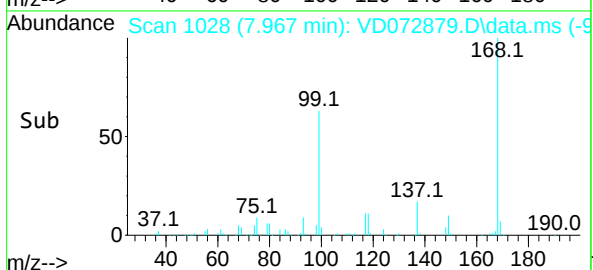
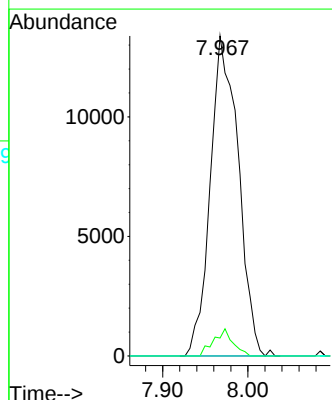
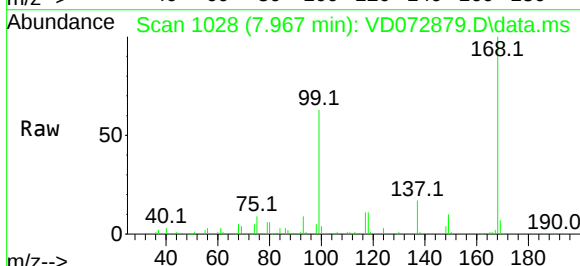
Tgt Ion: 117 Resp: 30651

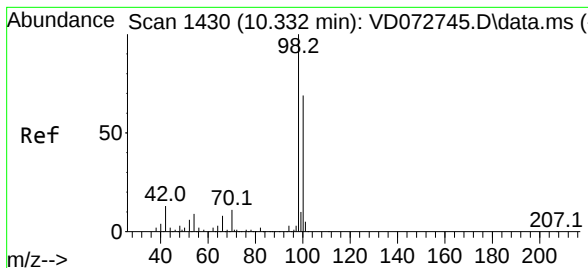
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.6#

121 0.0 24.5 36.7#

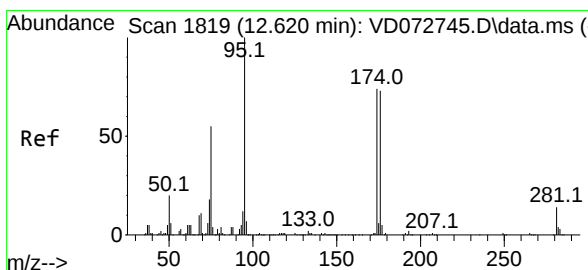
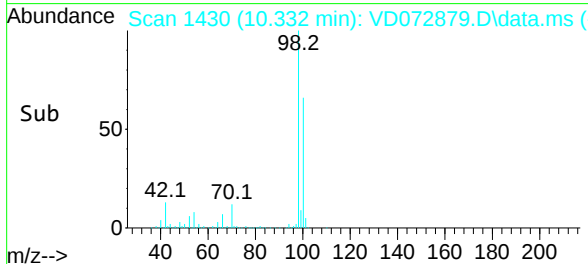
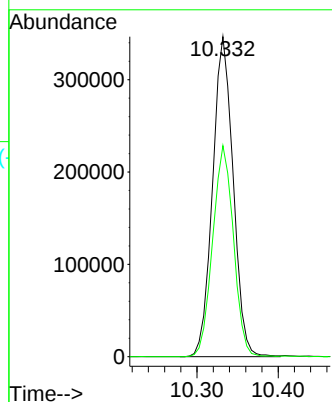
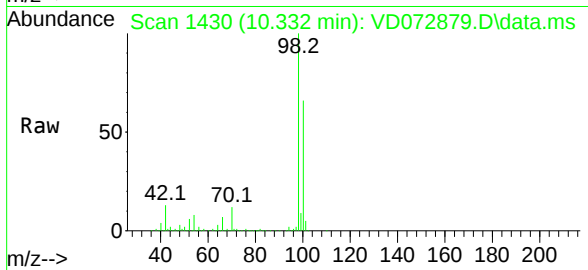




#50
Toluene-d8
Concen: 42.049 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

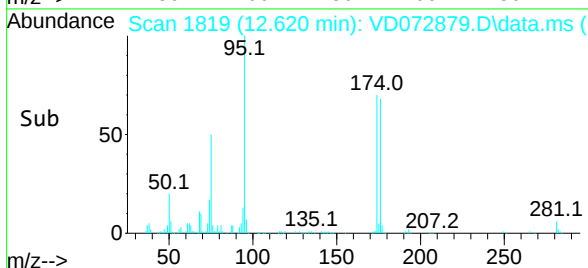
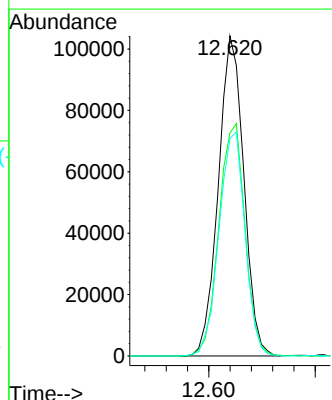
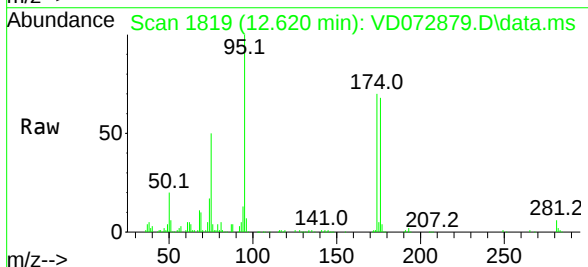
Instrument :
MSVOA_D
ClientSampleId :
24702

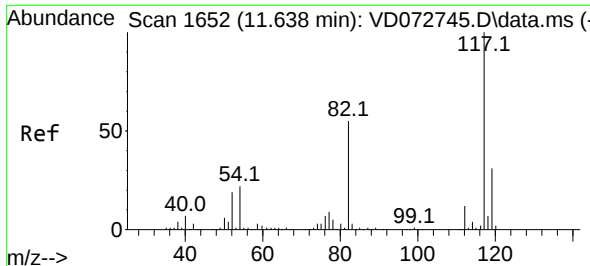
Tgt Ion: 98 Resp: 610304
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 31.924 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

Tgt Ion: 95 Resp: 172772
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.4 0.0 145.4

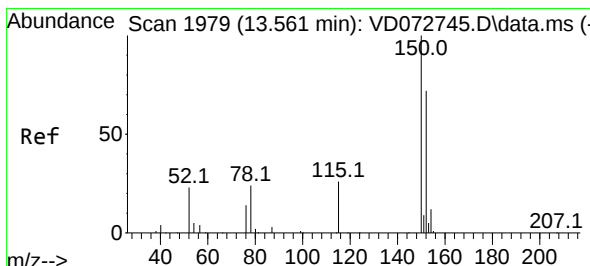
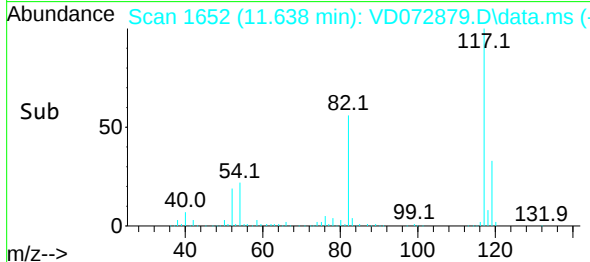
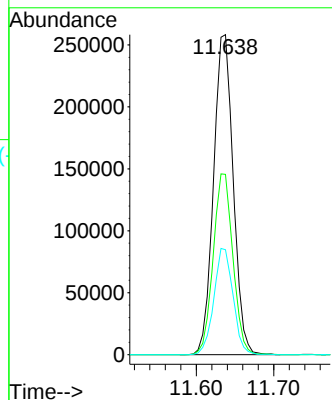
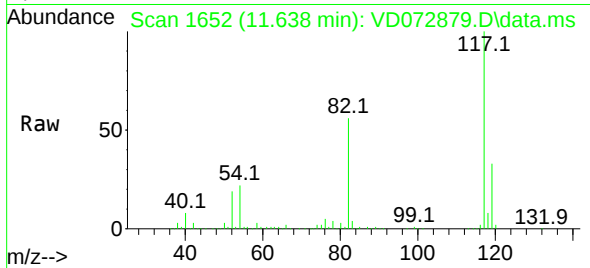




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

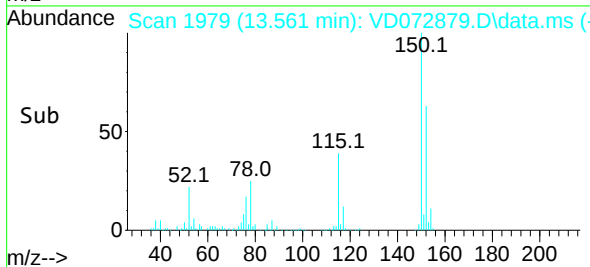
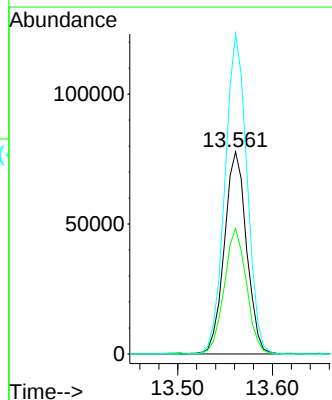
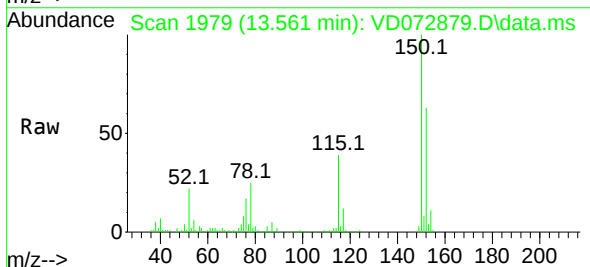
Instrument :
MSVOA_D
ClientSampleId :
24702

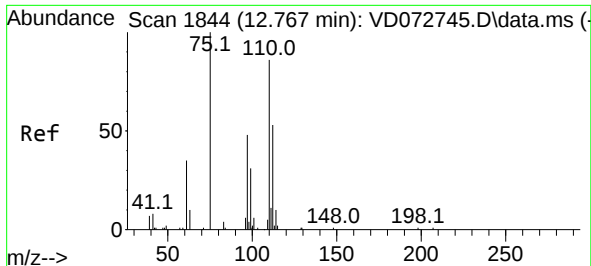
Tgt Ion:117 Resp: 456163
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

Tgt Ion:152 Resp: 126875
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 156.7 0.0 348.6

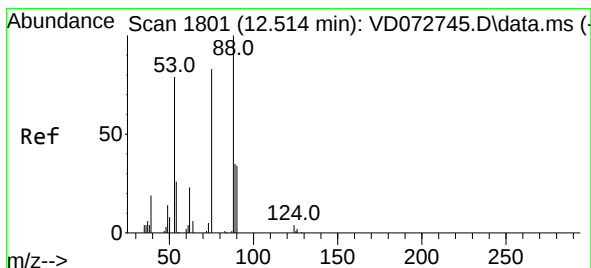
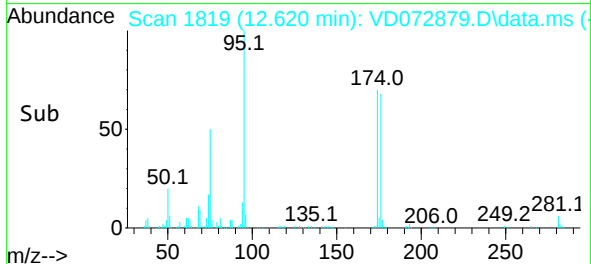
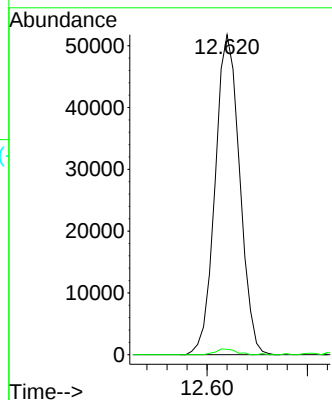
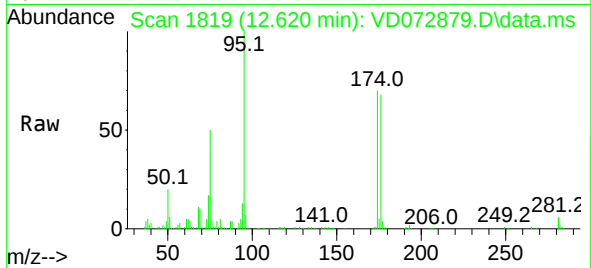




#76
1,2,3-Trichloropropane
Concen: 62.177 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

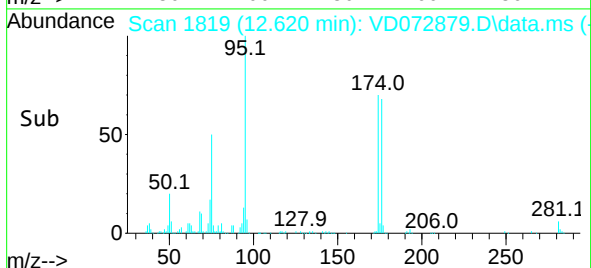
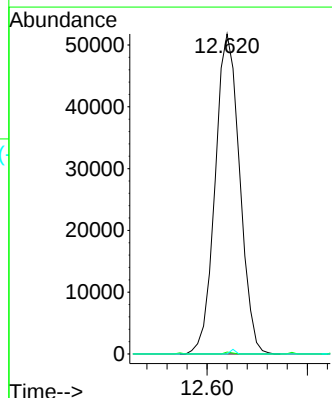
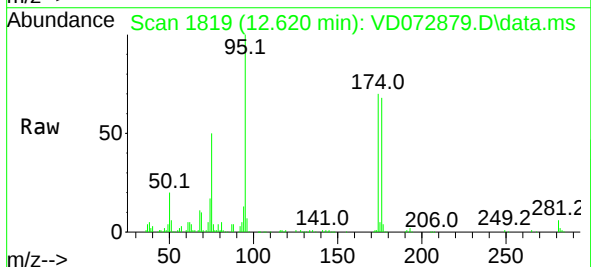
Instrument :
MSVOA_D
ClientSampleId :
24702

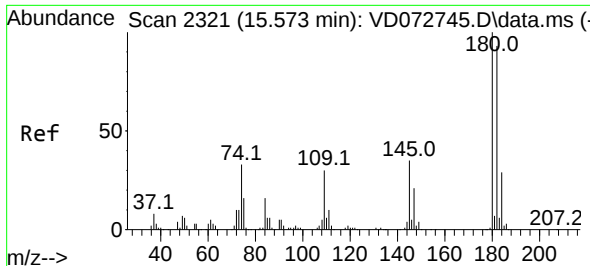
Tgt Ion: 75 Resp: 87964
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.981 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072879.D
Acq: 07 May 2022 05:49

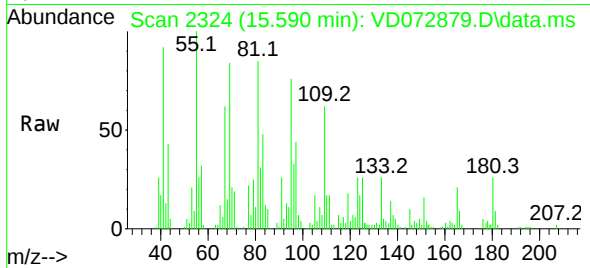
Tgt Ion: 75 Resp: 87964
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.3 33.9 50.9#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.327 ug/l
 RT: 15.590 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VD072879.D
 Acq: 07 May 2022 05:49

Instrument :
 MSVOA_D
 ClientSampleId :
 24702



Tgt Ion	Ratio	Lower	Upper
180	100		
182	2.3	47.6	142.9#
145	0.0	17.1	51.3#

