

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074226.D
 Acq On : 24 Aug 2022 16:35
 Operator : VA/SY
 Sample : N4272-05
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124035

Quant Time: Aug 24 16:55:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

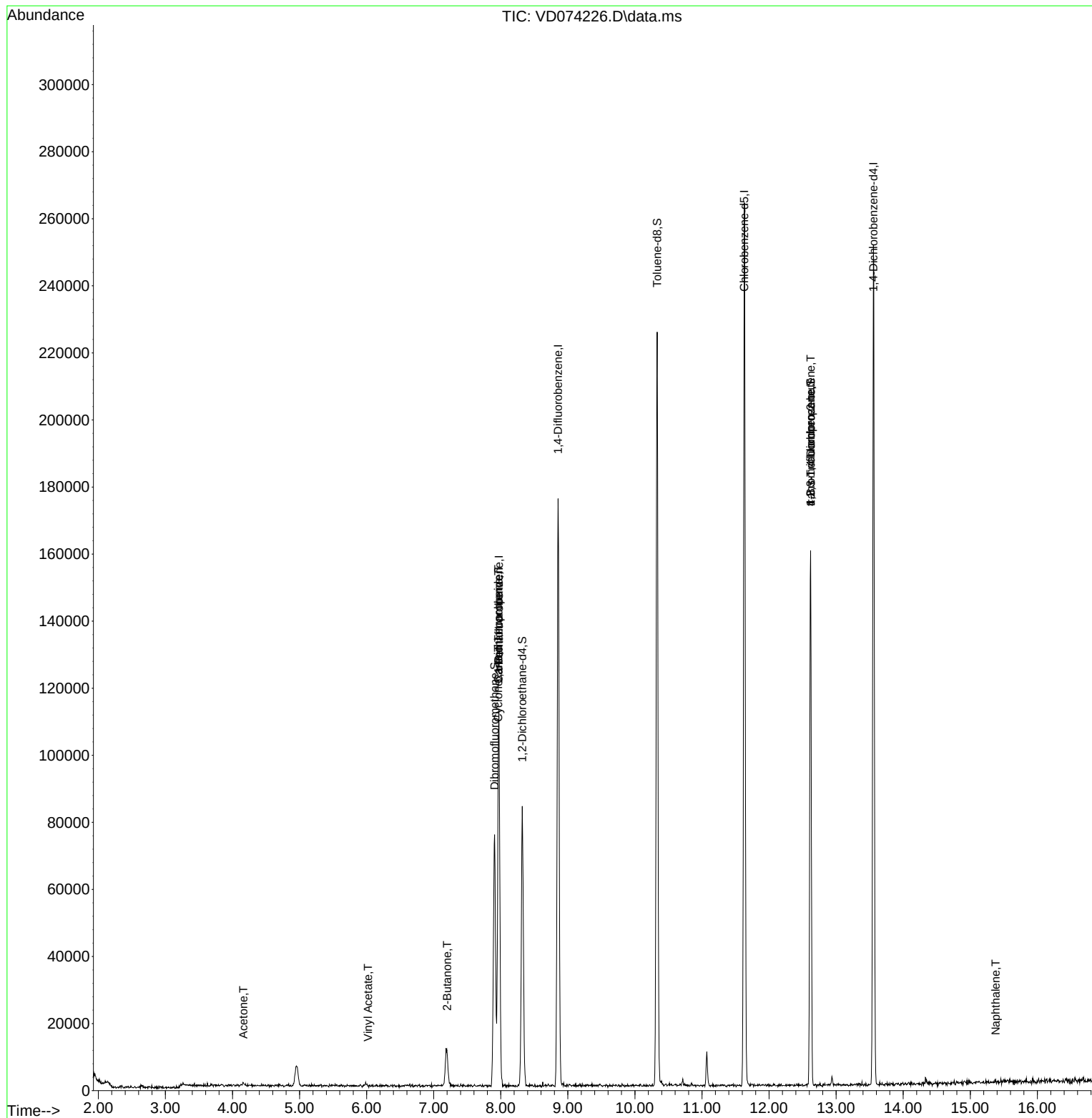
Internal Standards						
1) Pentafluorobenzene	7.973	168	80475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	146758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	148657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	66808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	65411	79.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.080%	
35) Dibromofluoromethane	7.908	113	53189	54.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.332	98	152830	48.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.740%	
62) 4-Bromofluorobenzene	12.620	95	53454	42.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.660%	
Target Compounds						Qvalue
16) Acetone	4.161	43	1470	9.383	ug/l #	28
20) Methylene Chloride	4.956	84	4841	Below Cal	#	82
23) Vinyl Acetate	6.020	43	54	10.109	ug/l #	75
25) 2-Butanone	7.202	43	960	3.958	ug/l #	52
31) Cyclohexane	7.961	56	2091	1.429	ug/l #	44
36) 1,1-Dichloropropene	7.967	75	6753	4.552	ug/l #	53
38) Carbon Tetrachloride	7.967	117	8879	5.571	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	26089	39.994	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	26089	102.849	ug/l #	7
95) Naphthalene	15.378	128	506	3.617	ug/l #	70

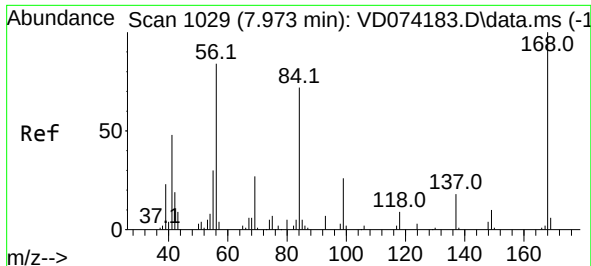
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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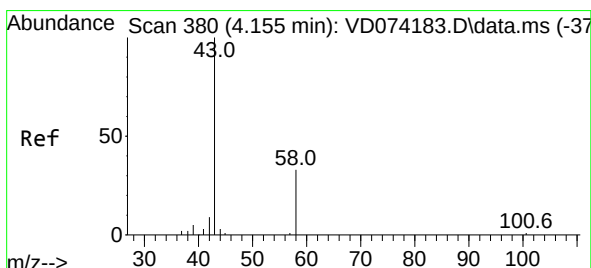
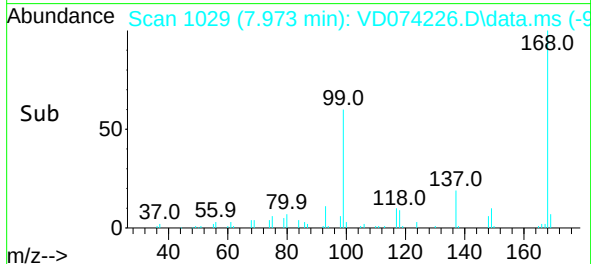
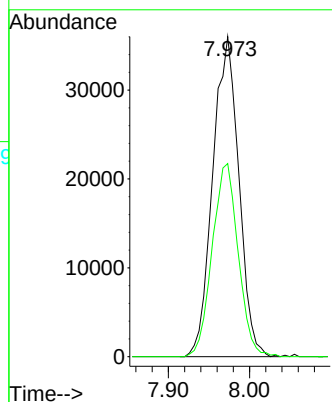
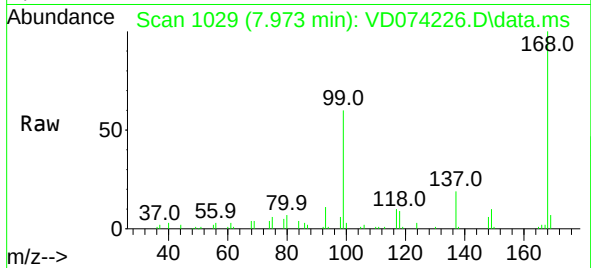




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

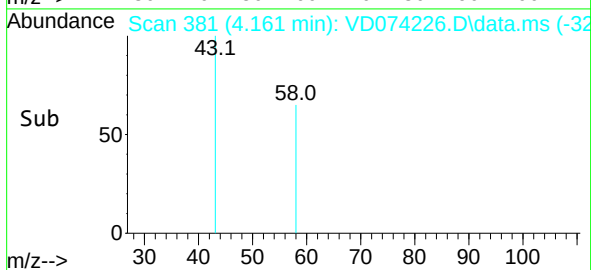
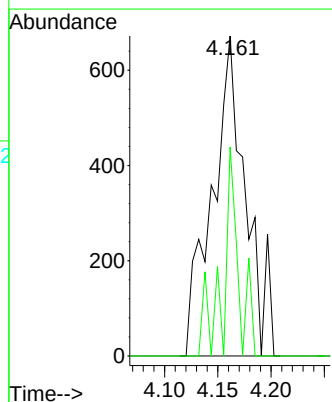
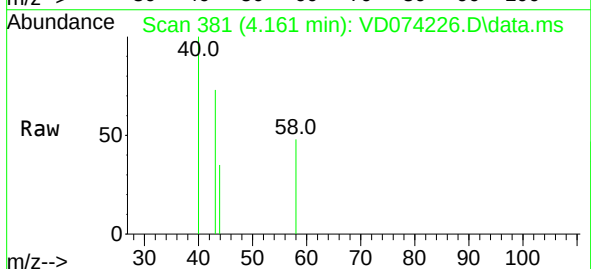
Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

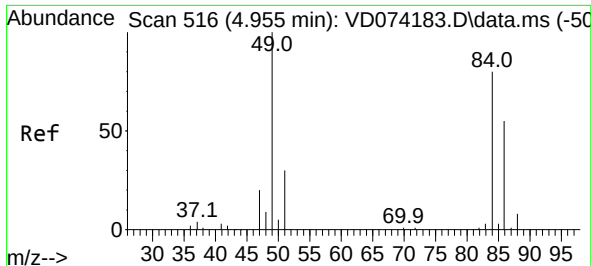
Tgt Ion:168 Resp: 80475
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#16
Acetone
Concen: 9.383 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

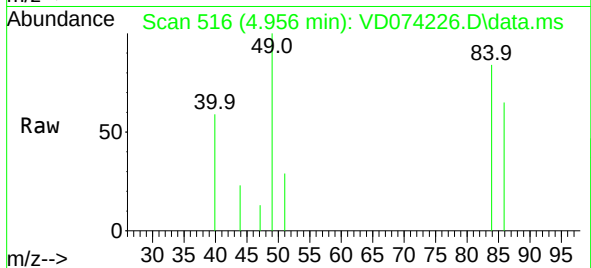
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 65.3 22.1 33.1#



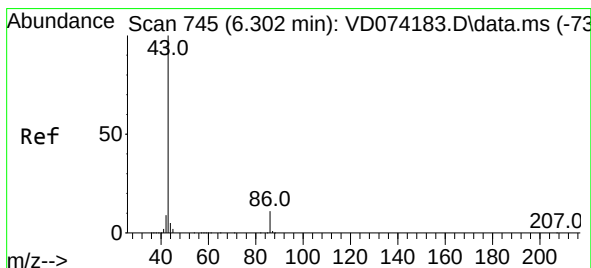
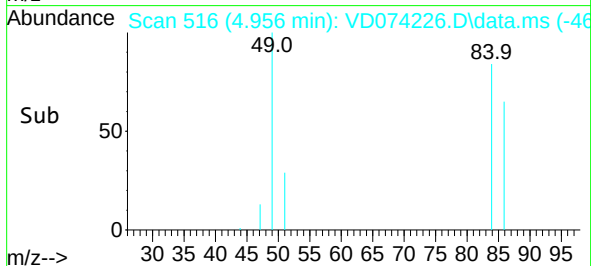
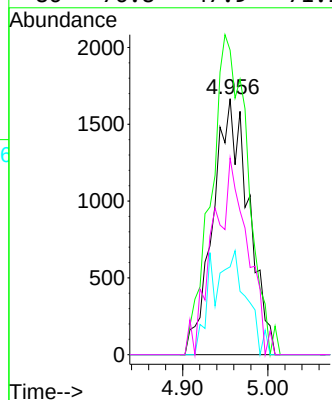


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

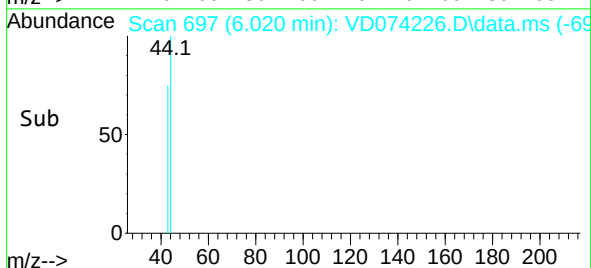
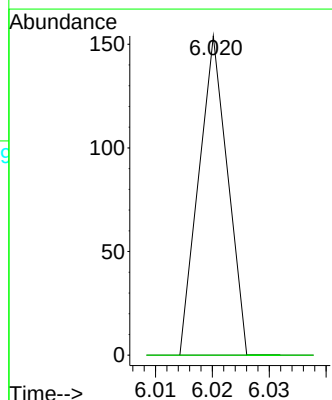
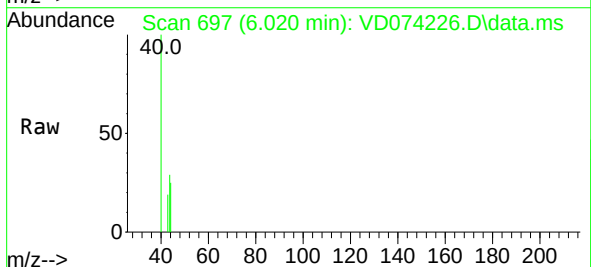


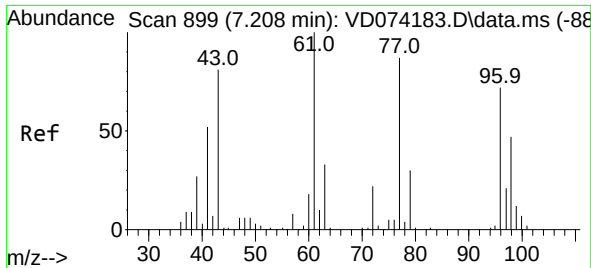
Tgt Ion: 84	Resp: 4841
Ion Ratio	Lower Upper
84 100	
49 118.9	112.8 169.2
51 34.3	32.6 48.8
86 76.8	47.9 71.9#



#23
Vinyl Acetate
Concen: 10.109 ug/l
RT: 6.020 min Scan# 697
Delta R.T. -0.282 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion: 43	Resp: 54		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	7.1	10.7#	

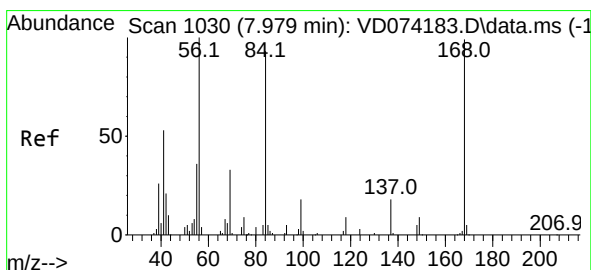
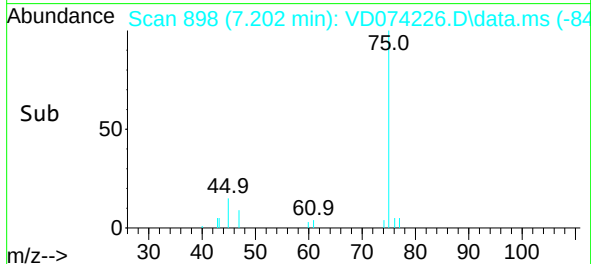
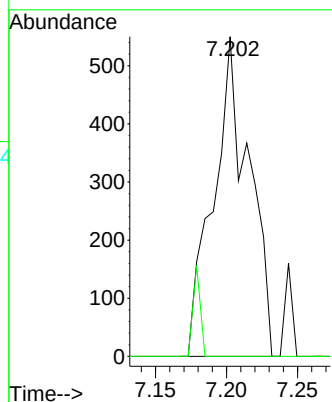
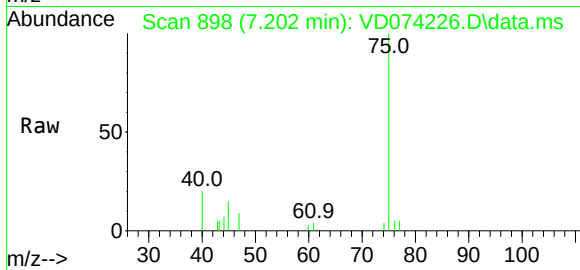




#25
2-Butanone
Concen: 3.958 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

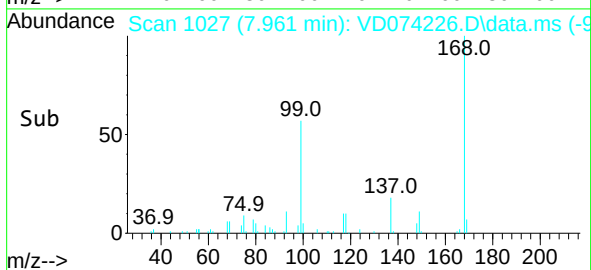
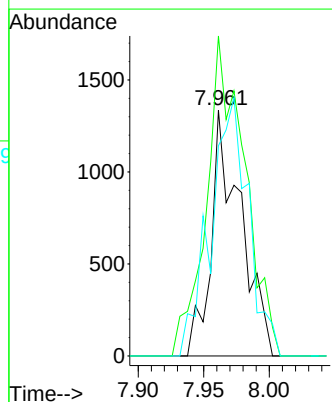
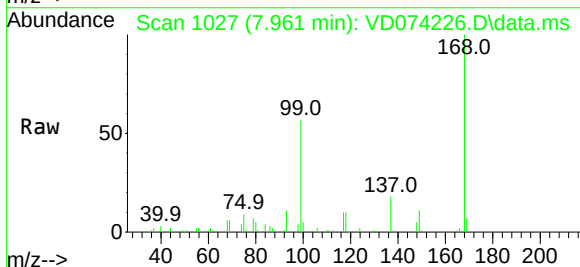
Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

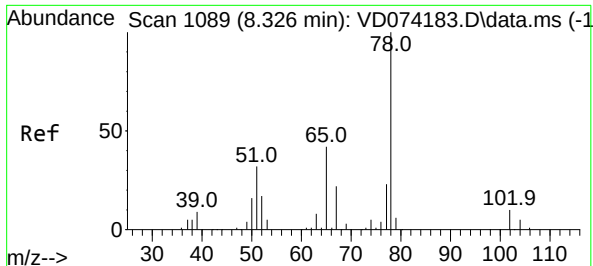
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.429 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion: 56 Resp: 2091
Ion Ratio Lower Upper
56 100
69 130.2 25.4 38.2#
84 85.6 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 79.543 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074226.D

Acq: 24 Aug 2022 16:35

Instrument :

MSVOA_D

ClientSampleId :

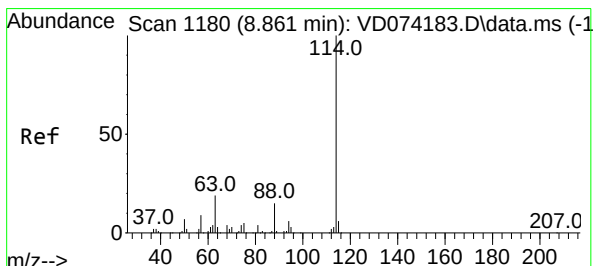
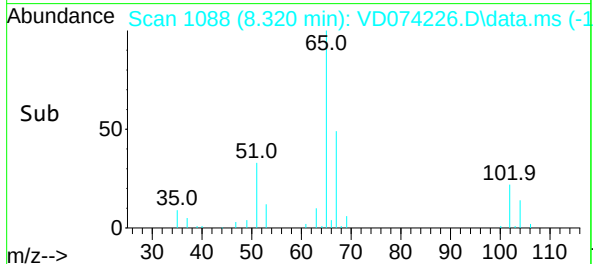
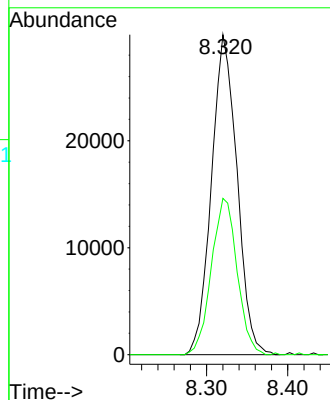
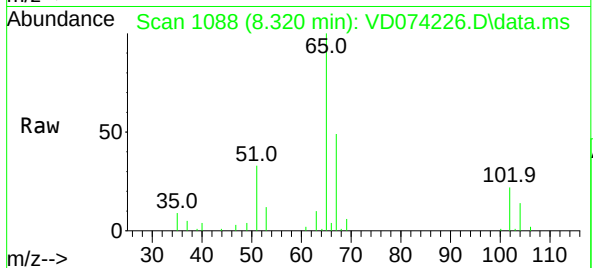
PSC-124035

Tgt Ion: 65 Resp: 65411

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074226.D

Acq: 24 Aug 2022 16:35

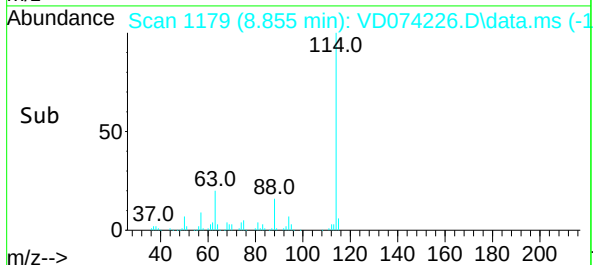
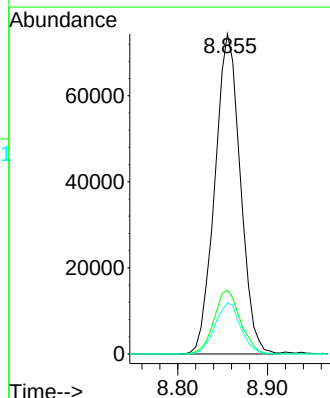
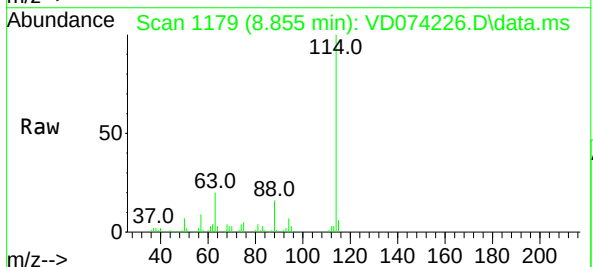
Tgt Ion: 114 Resp: 146758

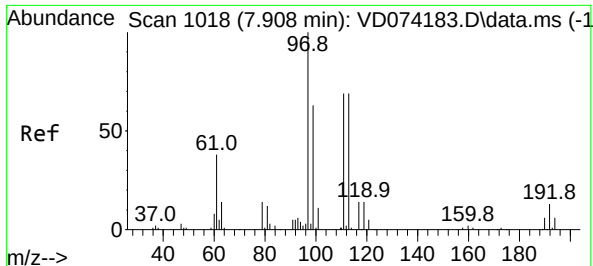
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.184 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074226.D

Acq: 24 Aug 2022 16:35

Instrument :

MSVOA_D

ClientSampleId :

PSC-124035

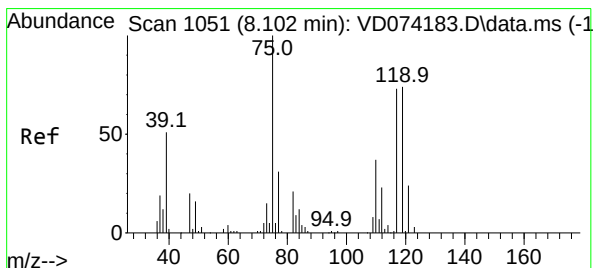
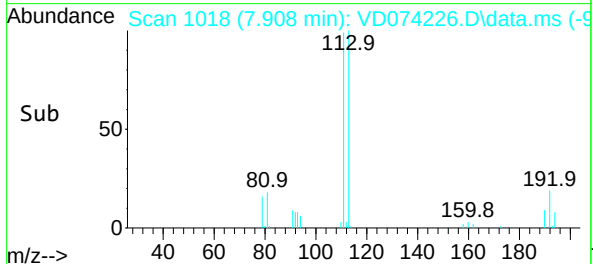
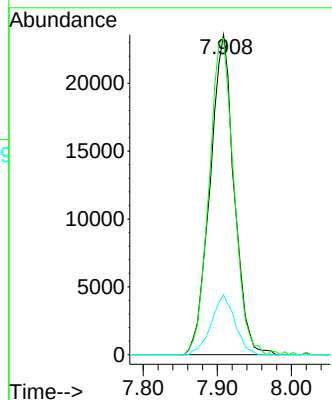
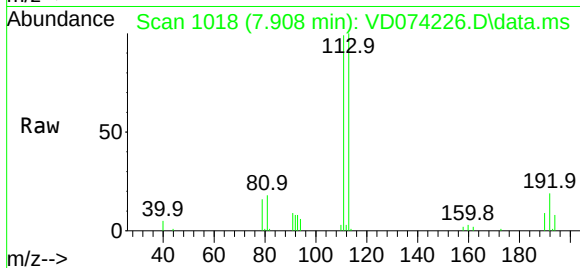
Tgt Ion:113 Resp: 53189

Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.552 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD074226.D

Acq: 24 Aug 2022 16:35

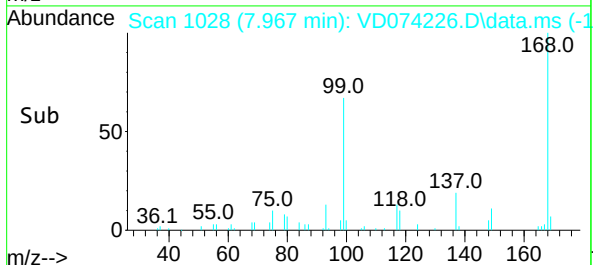
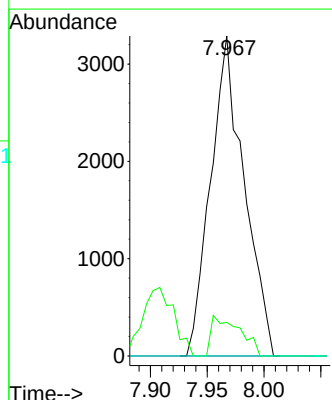
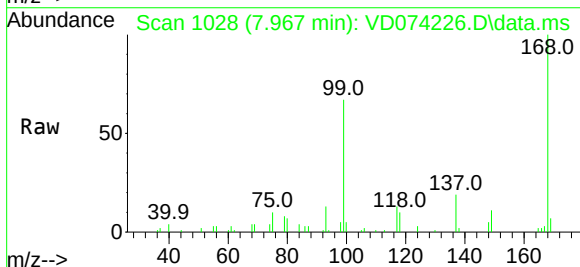
Tgt Ion: 75 Resp: 6753

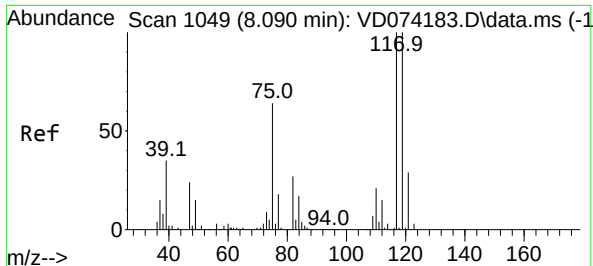
Ion Ratio Lower Upper

75 100

110 10.7 16.4 49.1#

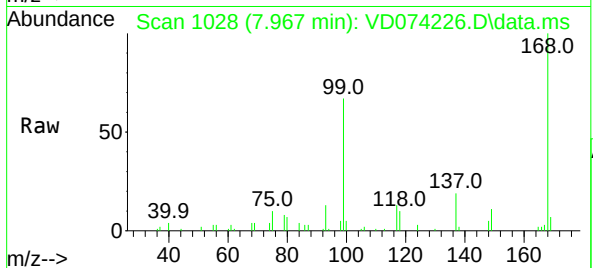
77 0.0 24.2 36.2#



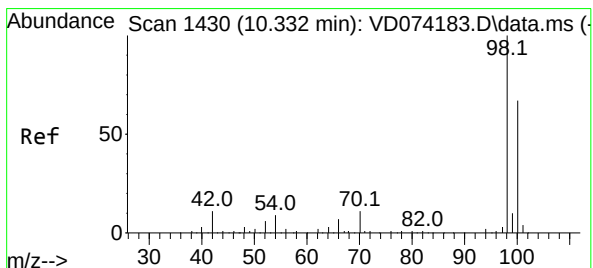
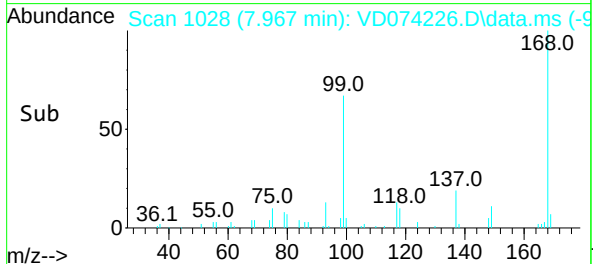
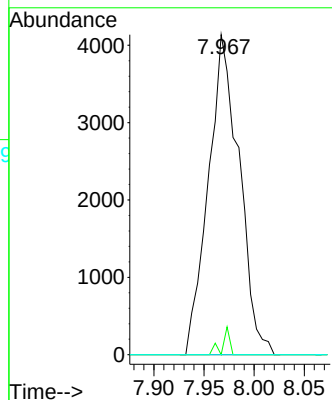


#38
Carbon Tetrachloride
Concen: 5.571 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.123 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

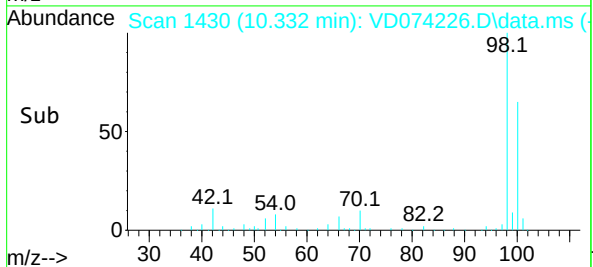
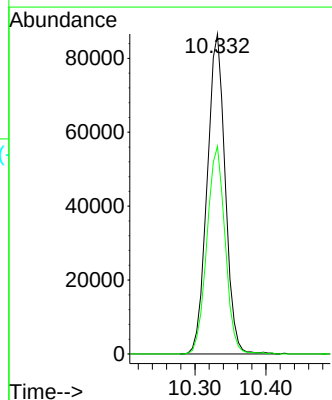
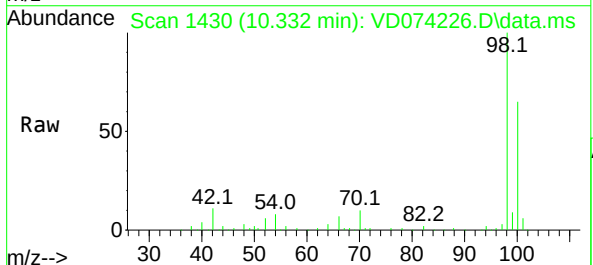


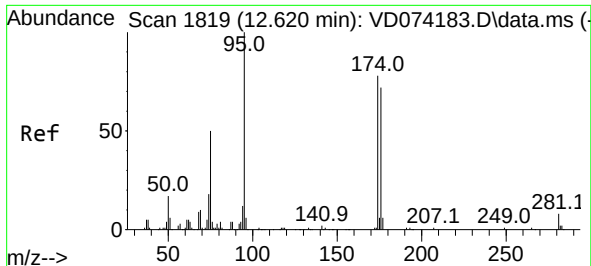
Tgt Ion:117 Resp: 8879
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.374 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion: 98 Resp: 152830
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

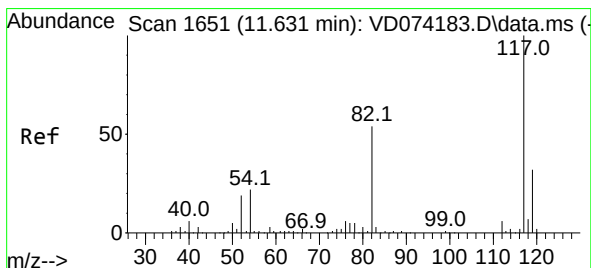
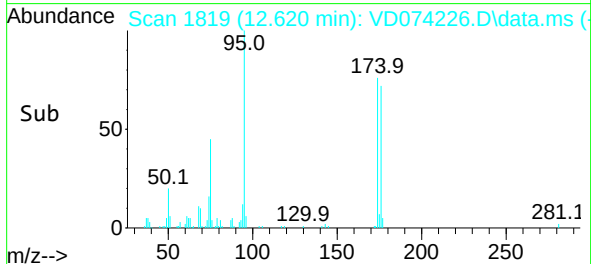
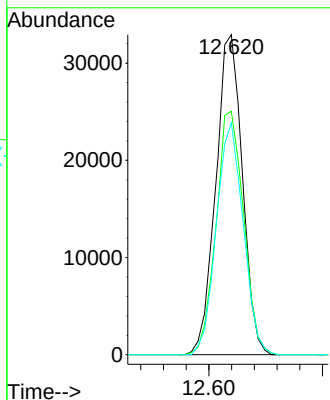
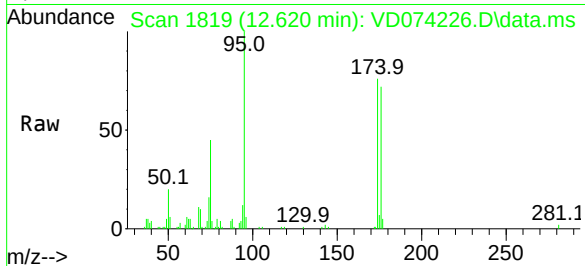




#62
4-Bromofluorobenzene
Concen: 42.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

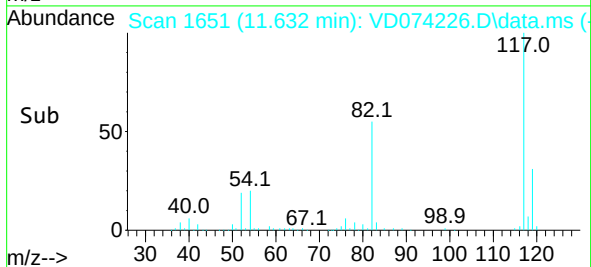
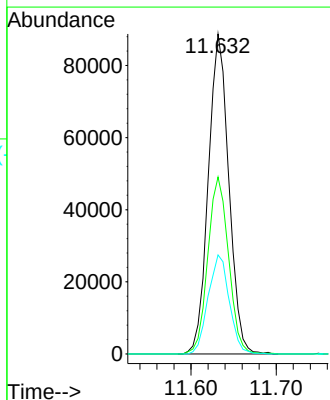
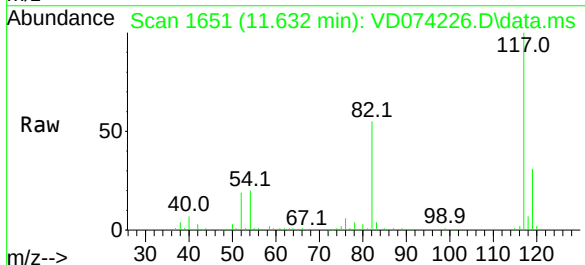
Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

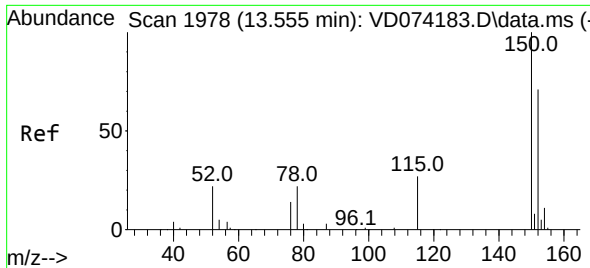
Tgt Ion: 95 Resp: 53454
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion: 117 Resp: 148657
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.0 26.6 40.0

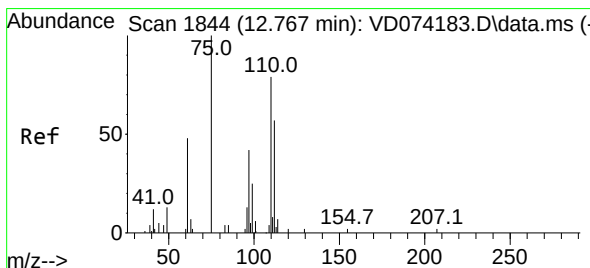
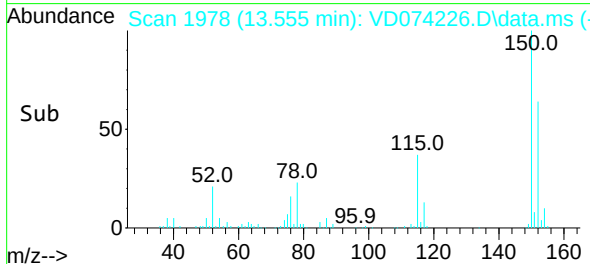
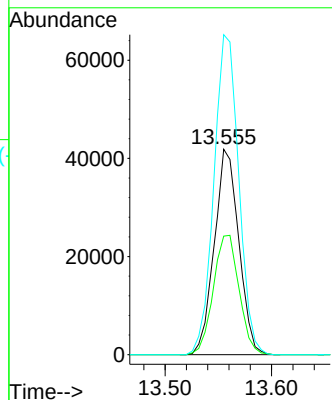
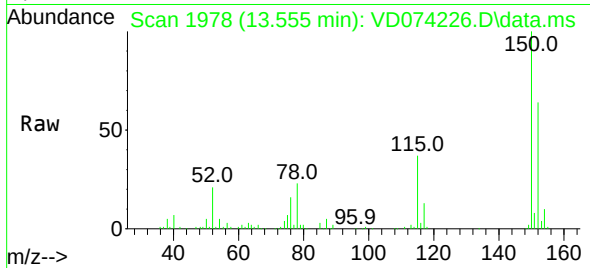




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: VD074226.D
 Acq: 24 Aug 2022 16:35

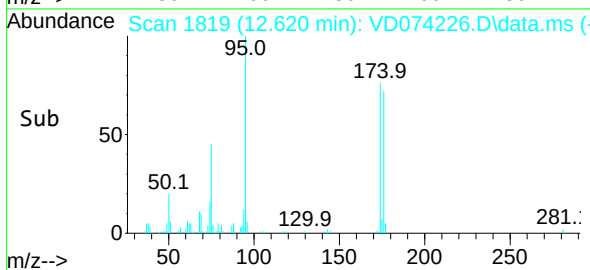
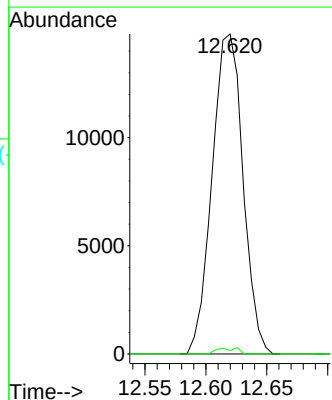
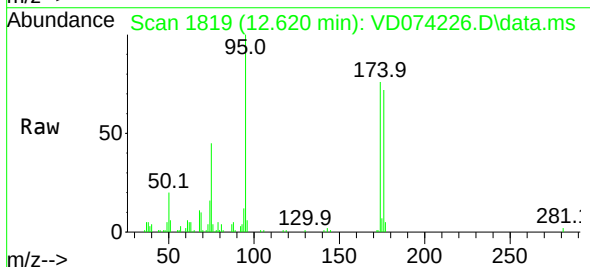
Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124035

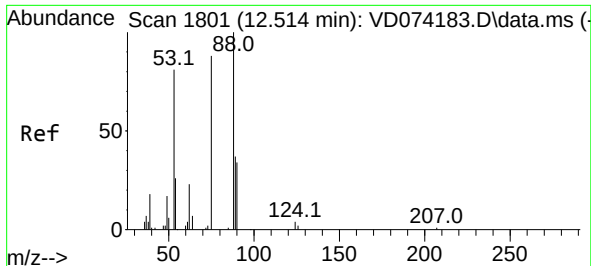
Tgt Ion:152 Resp: 66808
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.3 93.8
 150 158.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 39.994 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD074226.D
 Acq: 24 Aug 2022 16:35

Tgt Ion: 75 Resp: 26089
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

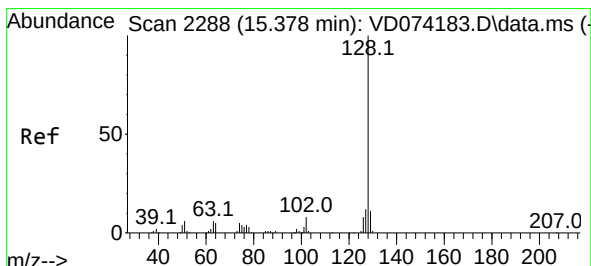
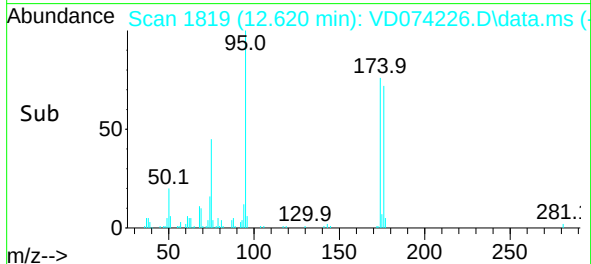
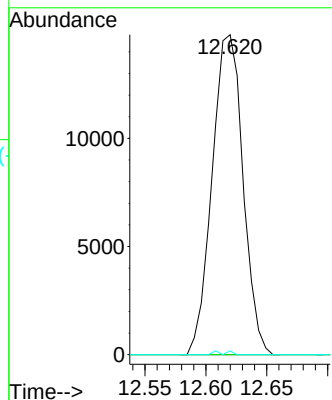
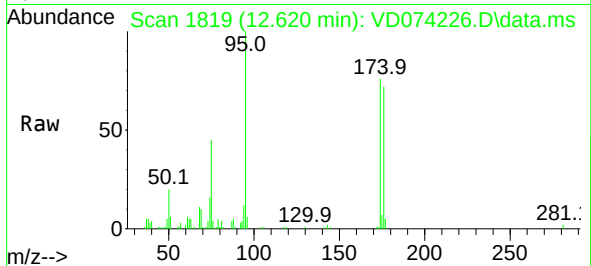




#81
trans-1,4-Dichloro-2-butene
Concen: 102.849 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

Tgt Ion: 75 Resp: 26089
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.5 33.9 50.9#



#95
Naphthalene
Concen: 3.617 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion: 128 Resp: 506
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

