

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071461.D
 Acq On : 25 Dec 2021 16:44
 Operator : VA/SY
 Sample : M5187-02
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-5-10

Quant Time: Dec 27 00:50:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

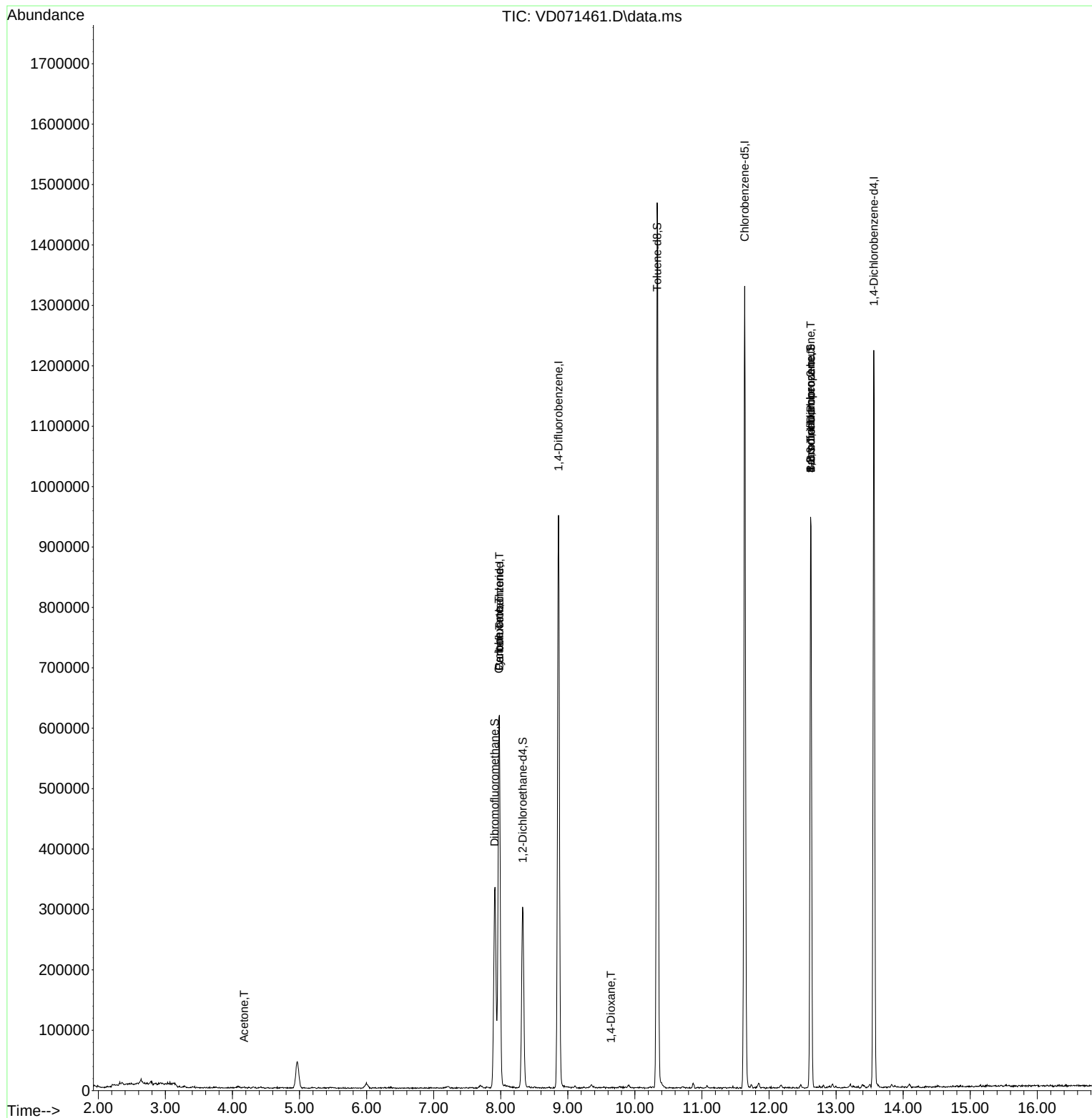
Internal Standards						
1) Pentafluorobenzene	7.979	168	429199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	756078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	676972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241685	42.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.800%		
35) Dibromofluoromethane	7.908	113	231973	45.651	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.300%		
50) Toluene-d8	10.332	98	947494	49.341	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.620	95	297201	43.554	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.100%		
Target Compounds						
11) Tert butyl alcohol	5.191	59	358	Below Cal	#	71
16) Acetone	4.173	43	2749	1.920	ug/l	95
20) Methylene Chloride	4.956	84	30922	Below Cal	#	91
31) Cyclohexane	7.973	56	13965	1.442	ug/l	# 23
38) Carbon Tetrachloride	7.979	117	47735	5.960	ug/l	# 17
49) 1,4-Dioxane	9.644	88	56	1.584	ug/l	# 1
71) Bromoform	12.620	173	3348	1.220	ug/l	# 1
76) 1,2,3-Trichloropropane	12.620	75	170456	49.628	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	170456	140.226	ug/l	# 18

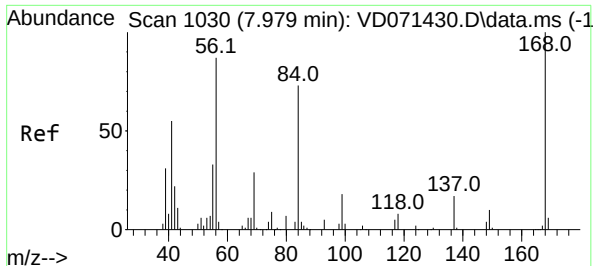
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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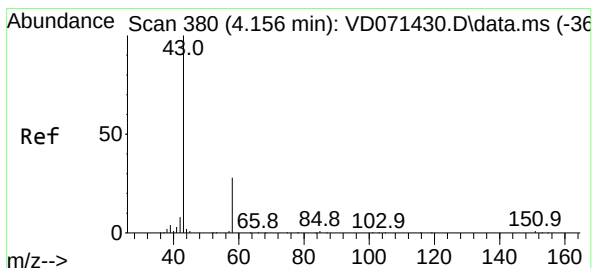
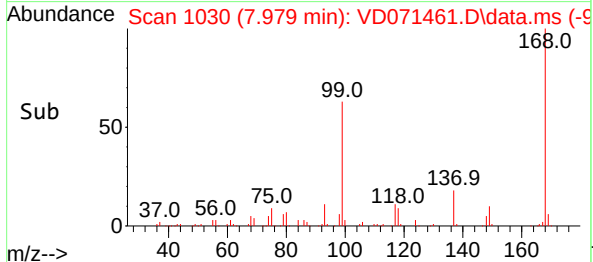
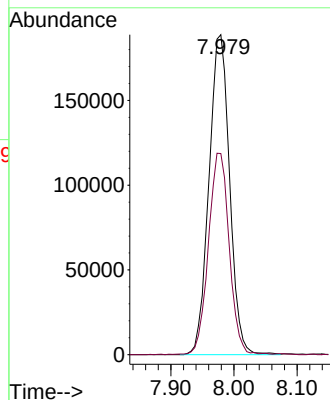
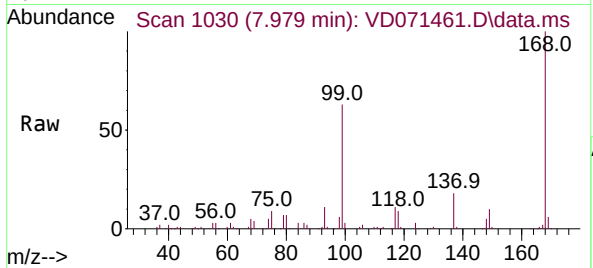




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

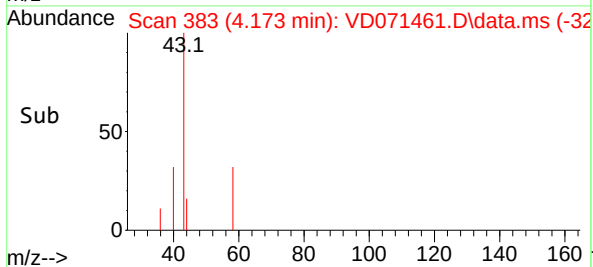
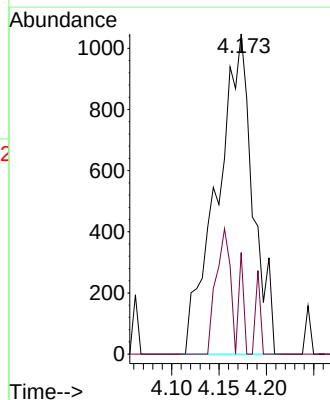
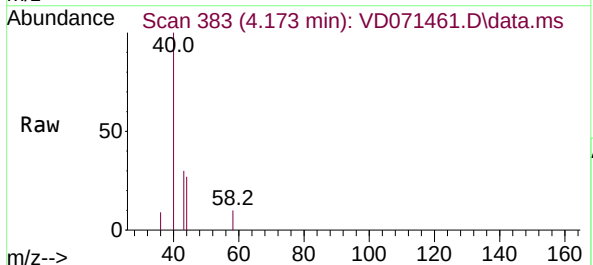
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-5-10

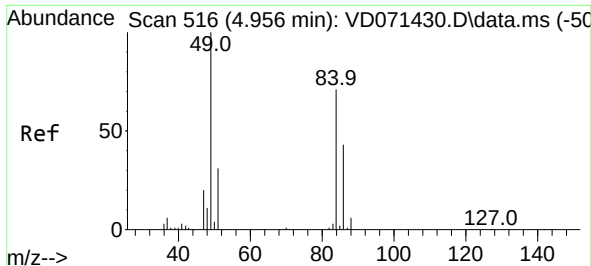
Tgt Ion:168 Resp: 429199
Ion Ratio Lower Upper
168 100
99 62.7 46.6 69.8



#16
Acetone
Concen: 1.920 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

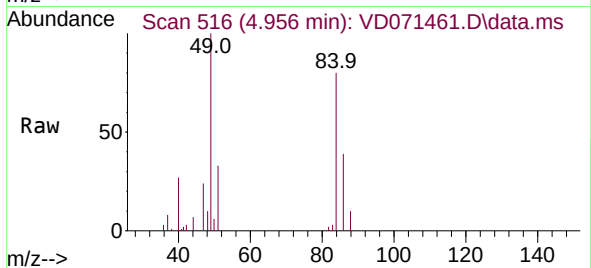
Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8



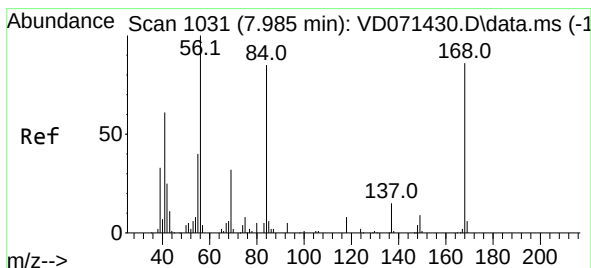
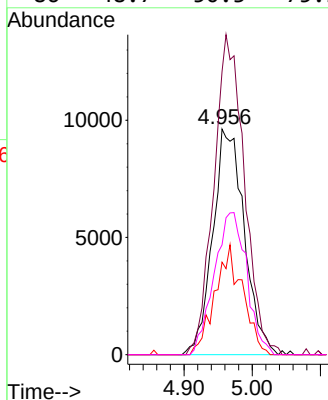
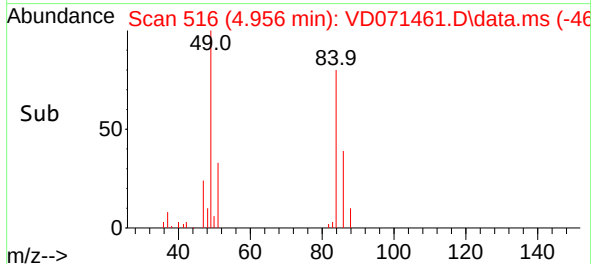


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-5-10

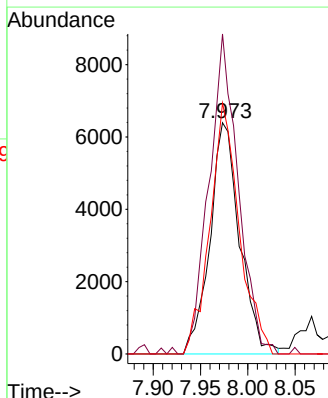
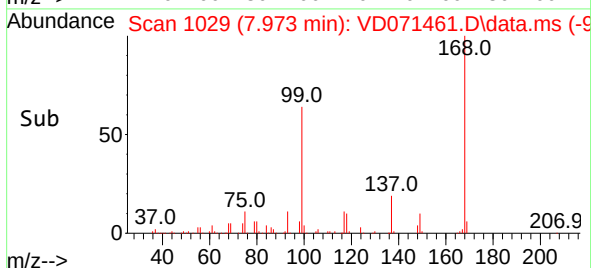
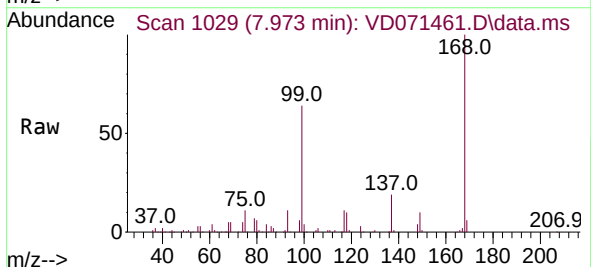


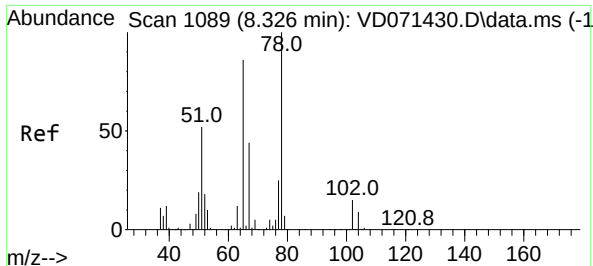
Tgt Ion:	84	Resp:	30922
Ion	Ratio	Lower	Upper
84	100		
49	125.4	95.8	143.6
51	41.0	30.9	46.3
86	48.7	50.3	75.5



#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Tgt Ion:	56	Resp:	13965
Ion	Ratio	Lower	Upper
56	100		
69	138.4	25.9	38.9
84	108.5	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 42.400 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

Instrument :

MSVOA_D

ClientSampleId :

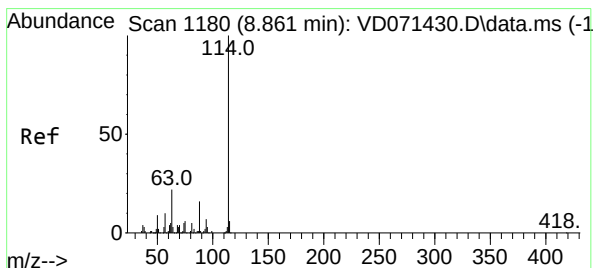
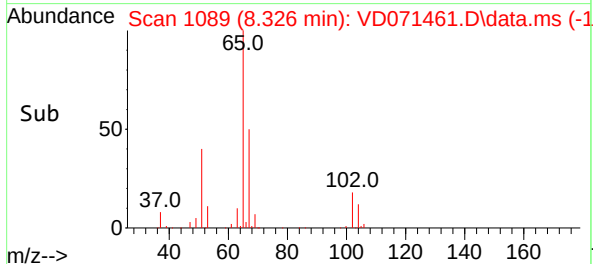
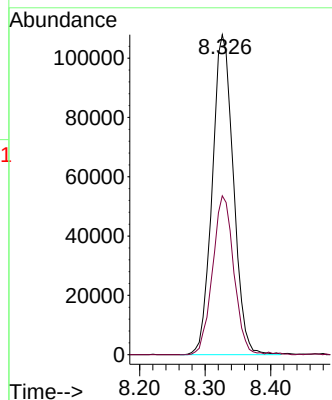
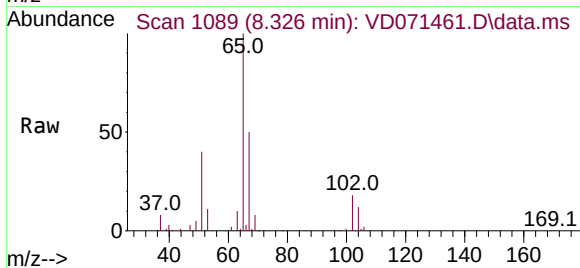
SASP2-119-1-5-10

Tgt Ion: 65 Resp: 241685

Ion Ratio Lower Upper

65 100

67 49.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

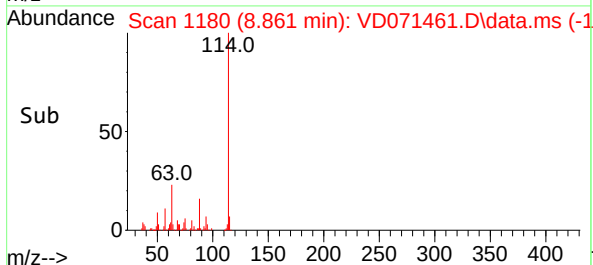
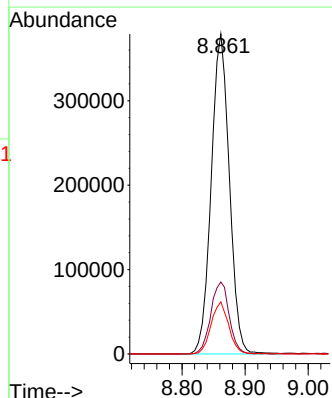
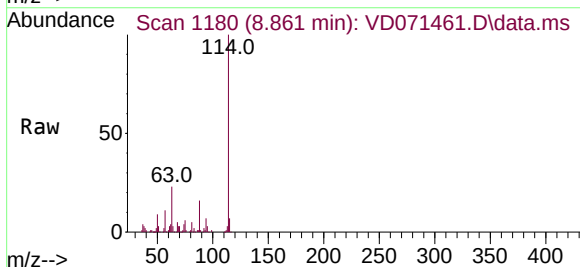
Tgt Ion: 114 Resp: 756078

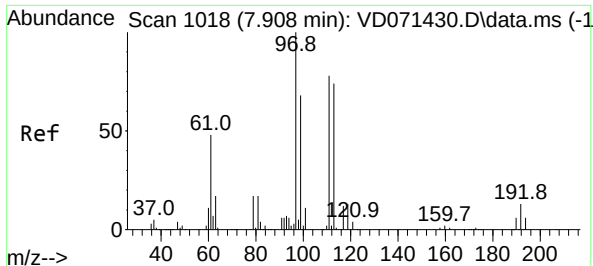
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.651 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-5-10

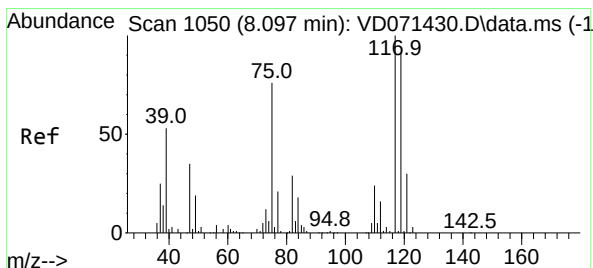
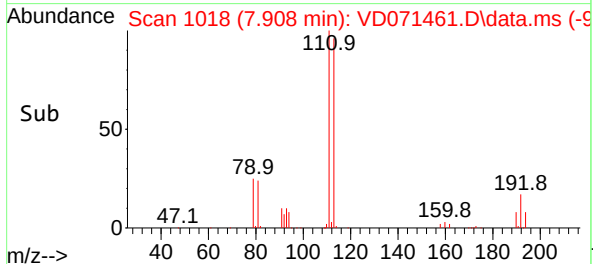
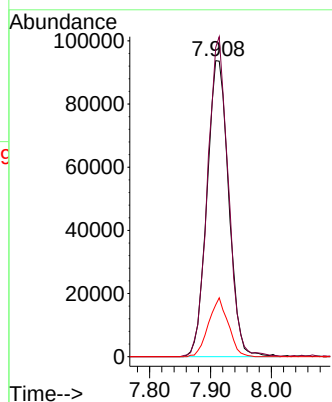
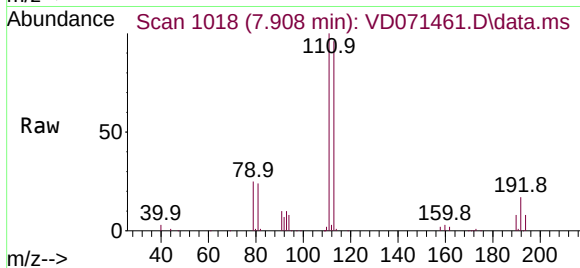
Tgt Ion:113 Resp: 231973

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 18.1 15.2 22.8



#38

Carbon Tetrachloride

Concen: 5.960 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

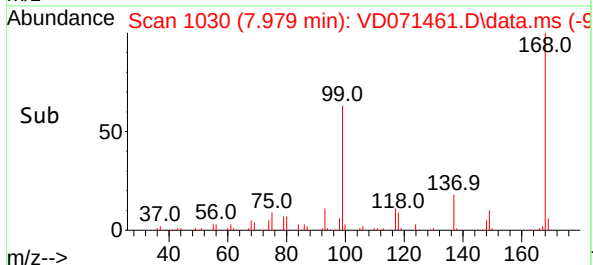
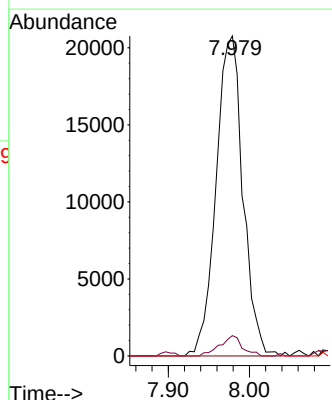
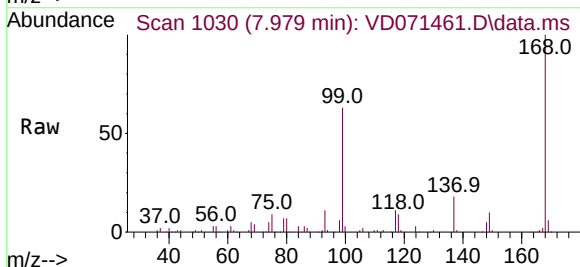
Tgt Ion:117 Resp: 47735

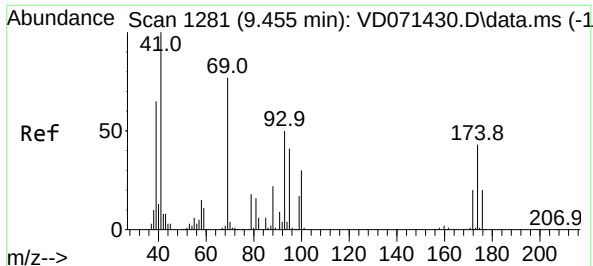
Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

121 0.0 23.6 35.4#

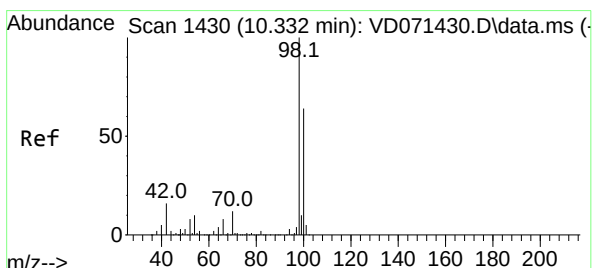
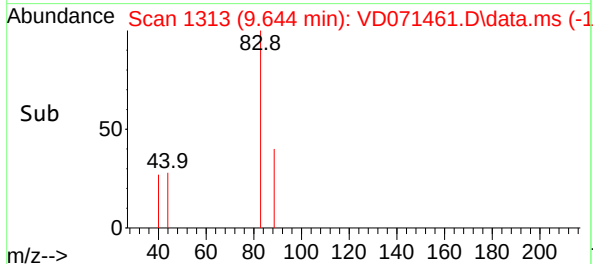
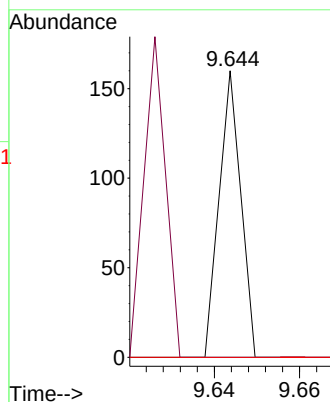
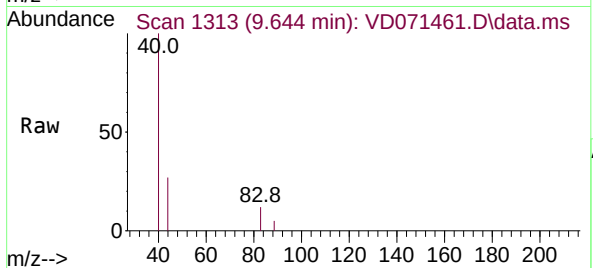




#49
1,4-Dioxane
Concen: 1.584 ug/l
RT: 9.644 min Scan# 11
Delta R.T. 0.189 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

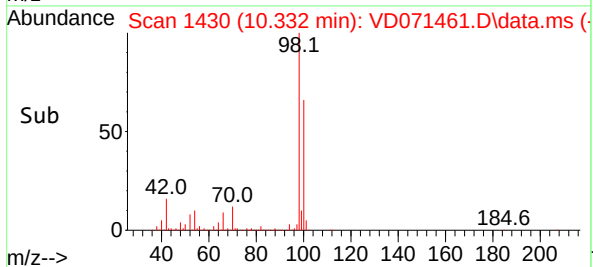
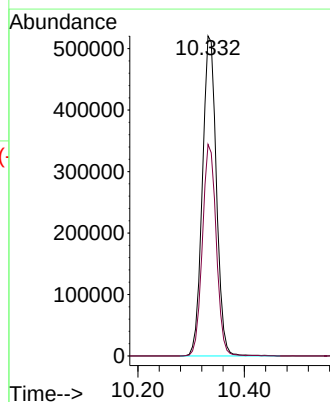
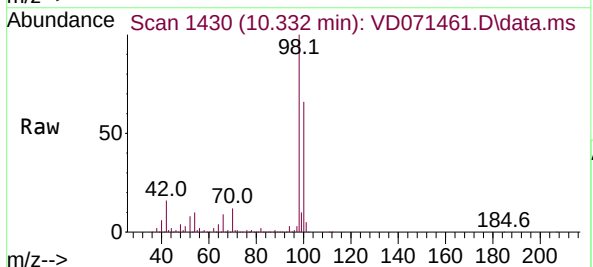
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SASP2-119-1-5-10

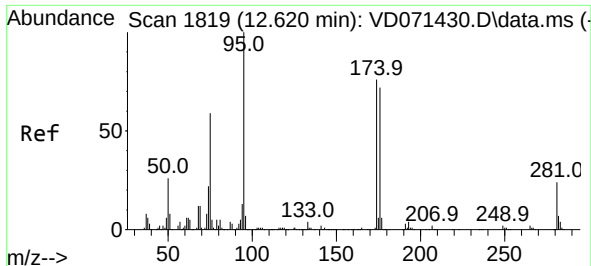
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 112.5 28.9 43.3#
58 0.0 56.3 84.5#



#50
Toluene-d8
Concen: 49.341 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Tgt Ion: 98 Resp: 947494
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

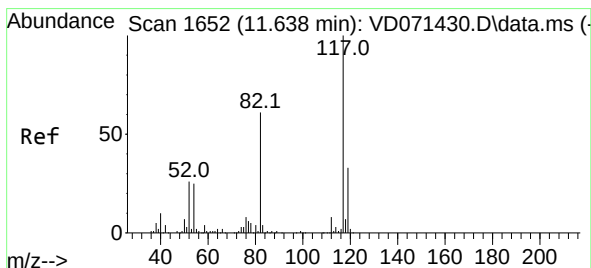
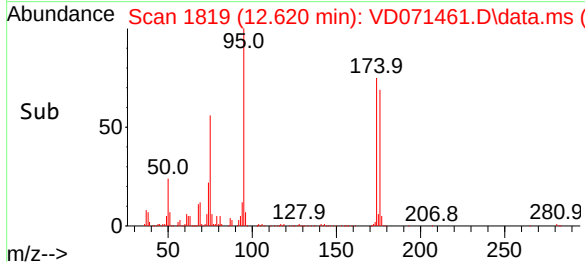
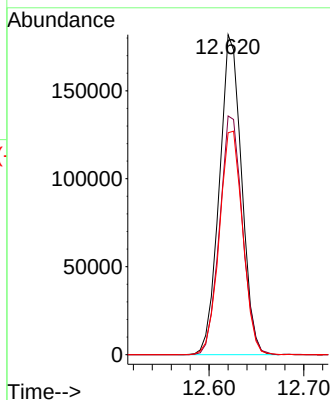
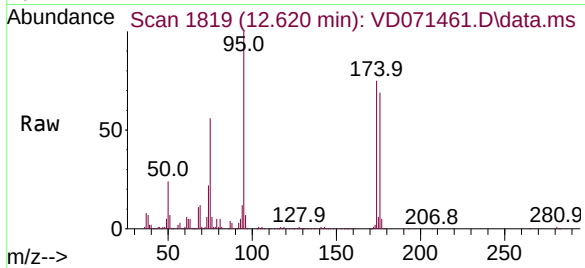




#62
4-Bromofluorobenzene
Concen: 43.554 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

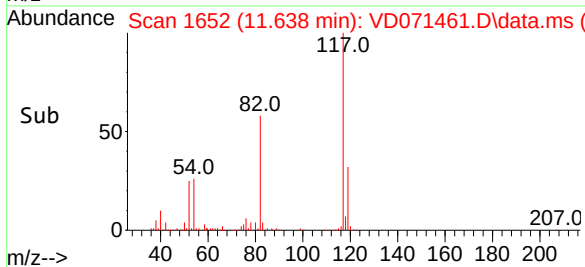
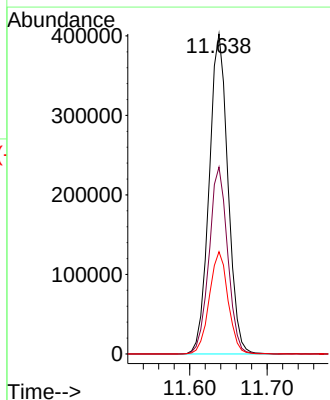
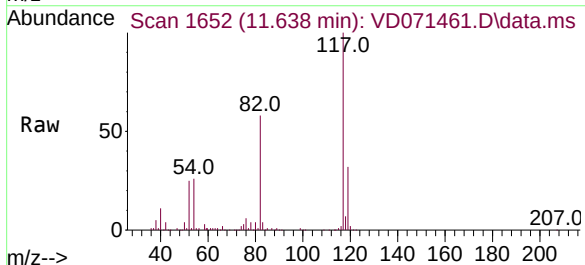
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-5-10

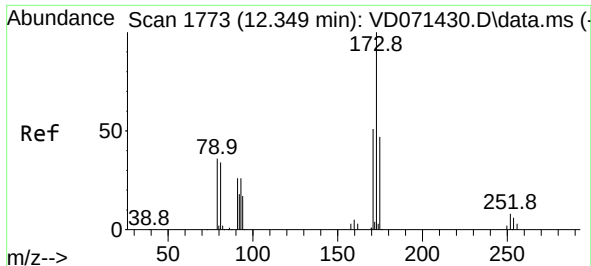
Tgt Ion: 95 Resp: 297201
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 73.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Tgt Ion: 117 Resp: 676972
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 32.0 26.2 39.4

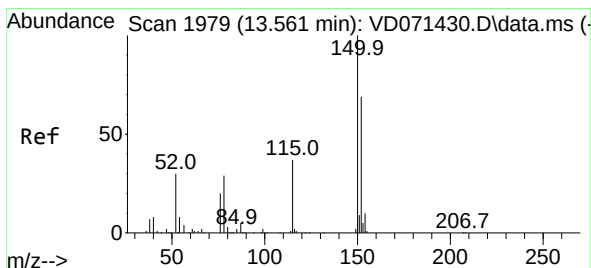
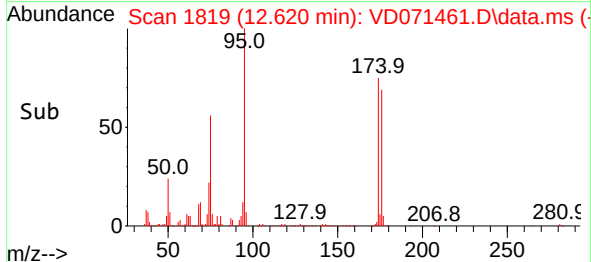
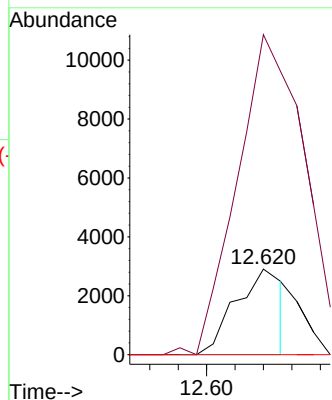
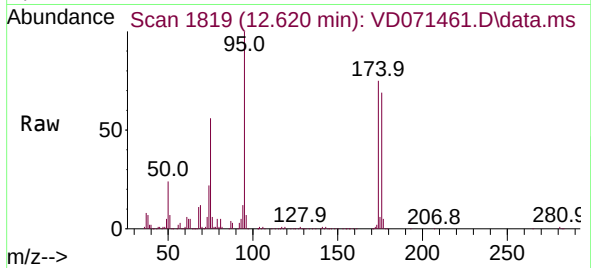




#71
Bromoform
Concen: 1.220 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

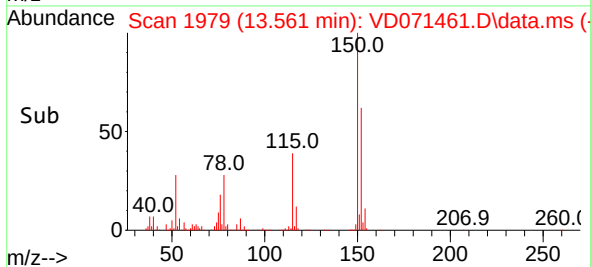
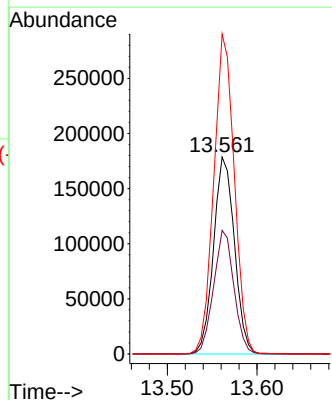
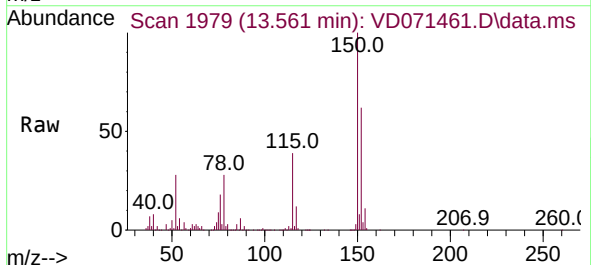
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-5-10

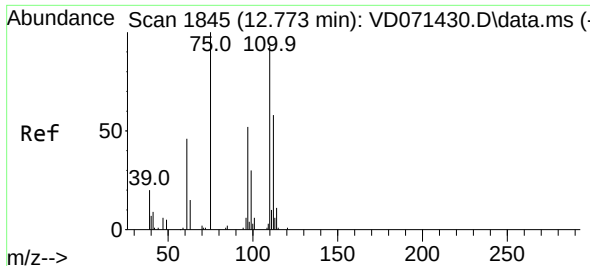
Tgt Ion:173 Resp: 3348
Ion Ratio Lower Upper
173 100
175 371.6 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Tgt Ion:152 Resp: 289069
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 160.0 0.0 349.2

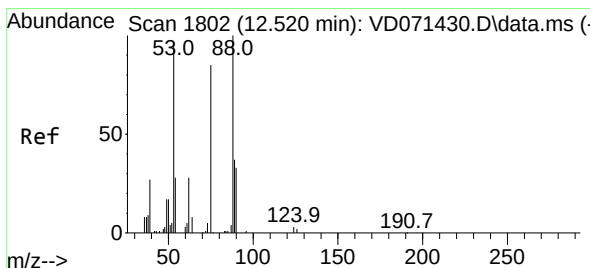
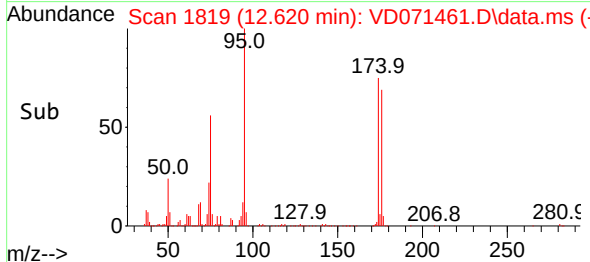
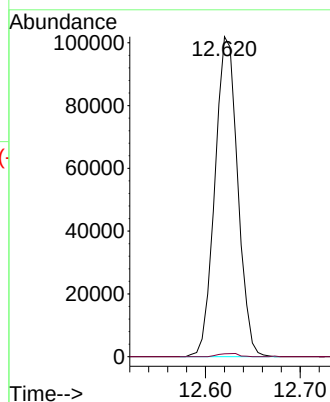
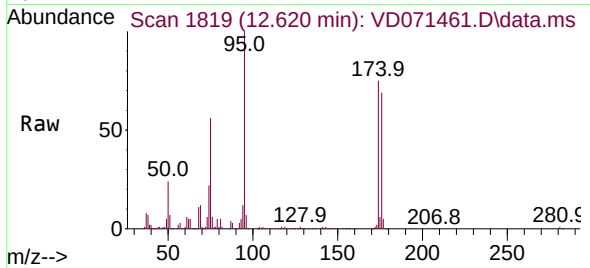




#76
1,2,3-Trichloropropane
Concen: 49.628 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-5-10

Tgt Ion: 75 Resp: 170456
Ion Ratio Lower Upper
75 100
77 0.9 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.226 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Tgt Ion: 75 Resp: 170456
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 34.5 51.7#

