

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071460.D
 Acq On : 25 Dec 2021 16:16
 Operator : VA/SY
 Sample : M5187-01RE
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-0-5RE

Quant Time: Dec 27 00:50:36 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

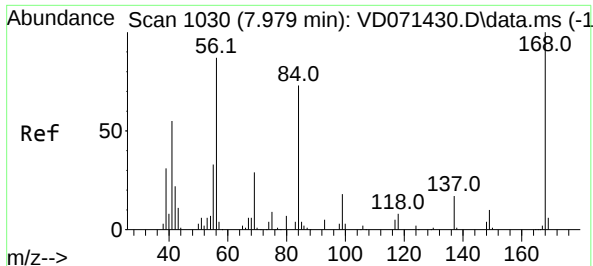
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	471784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	824446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	739782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	317456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278616	44.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.940%		
35) Dibromofluoromethane	7.908	113	258358	46.627	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.260%		
50) Toluene-d8	10.332	98	1030454	49.212	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.620	95	336935	45.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.560%		
Target Compounds						
11) Tert butyl alcohol	5.220	59	154	Below Cal	#	71
20) Methylene Chloride	4.967	84	13366	Below Cal		94
31) Cyclohexane	7.973	56	15591	1.465	ug/l #	32
36) 1,1-Dichloropropene	7.973	75	42092	4.755	ug/l #	50
38) Carbon Tetrachloride	7.973	117	52027	5.957	ug/l #	17
49) 1,4-Dioxane	9.573	88	68	1.764	ug/l #	3
76) 1,2,3-Trichloropropane	12.620	75	192613	51.065	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	192613	144.285	ug/l #	18

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

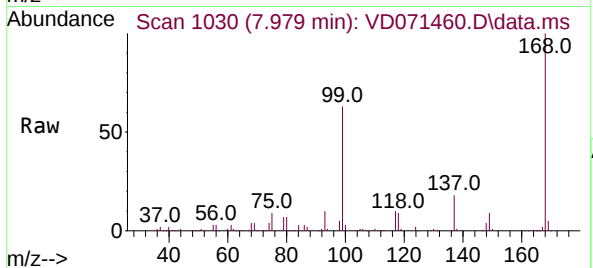
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



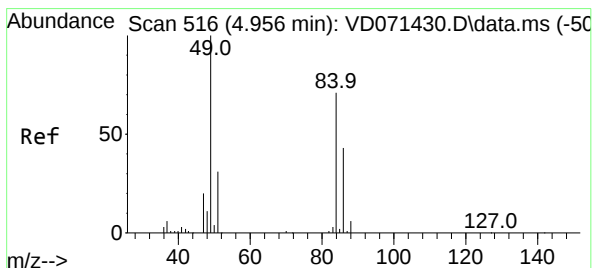
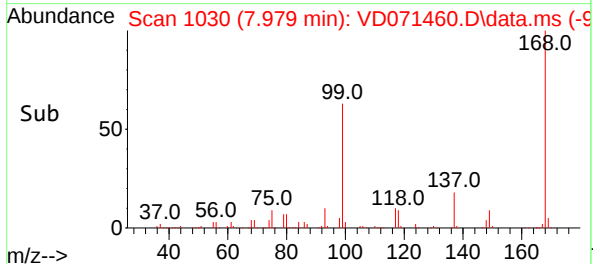
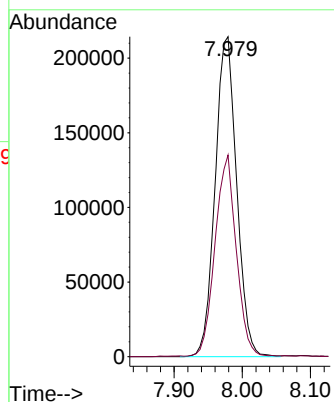


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-0-5RE

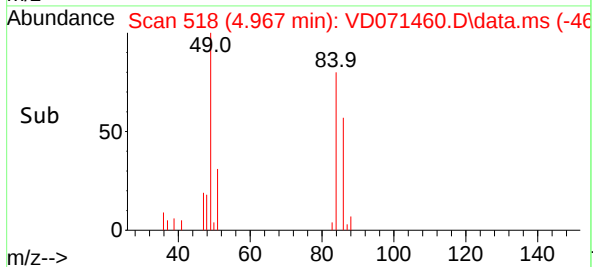
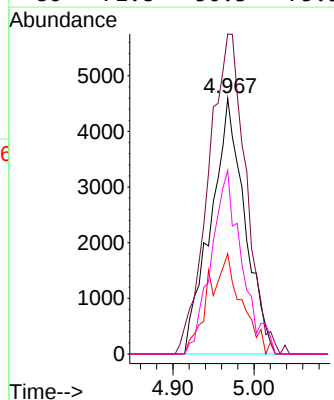
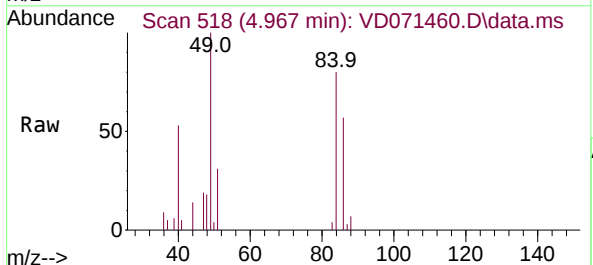


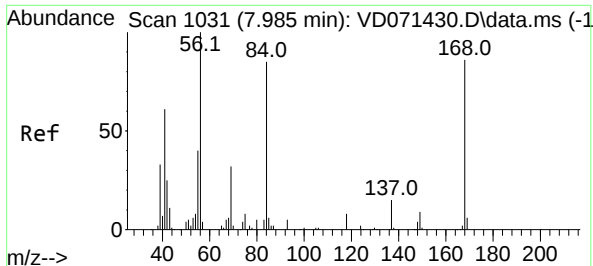
Tgt Ion:168 Resp: 471784
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Tgt Ion: 84 Resp: 13366
Ion Ratio Lower Upper
84 100
49 125.2 95.8 143.6
51 39.3 30.9 46.3
86 71.8 50.3 75.5





#31

Cyclohexane

Concen: 1.465 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071460.D

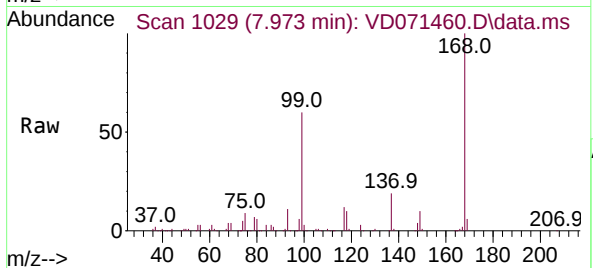
Acq: 25 Dec 2021 16:16

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-0-5RE



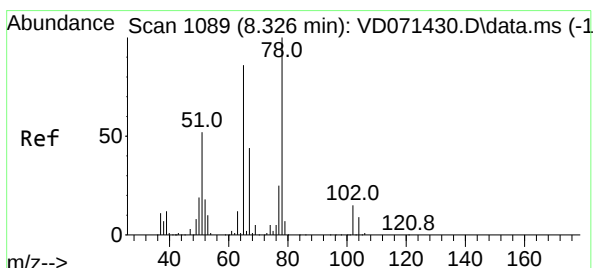
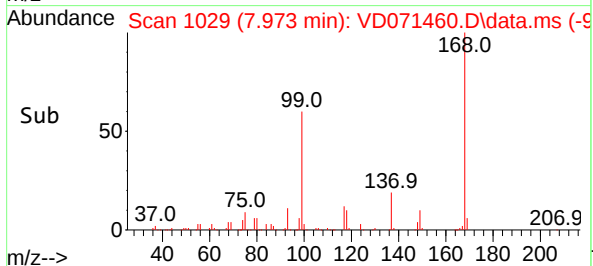
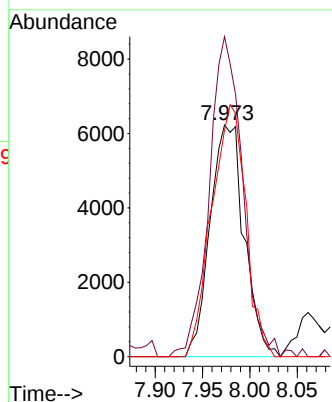
Tgt Ion: 56 Resp: 15591

Ion Ratio Lower Upper

56 100

69 138.1 25.9 38.9#

84 97.7 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 44.467 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071460.D

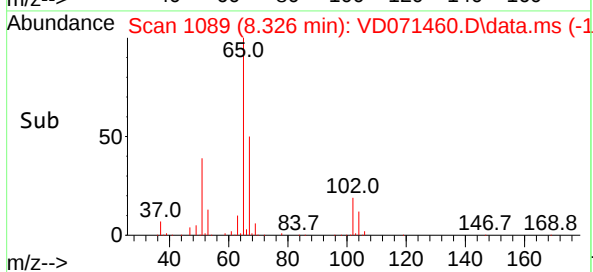
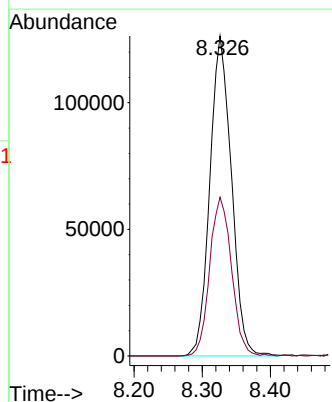
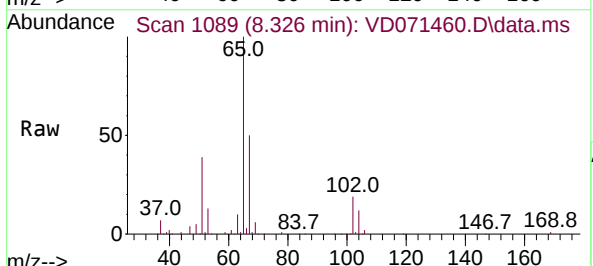
Acq: 25 Dec 2021 16:16

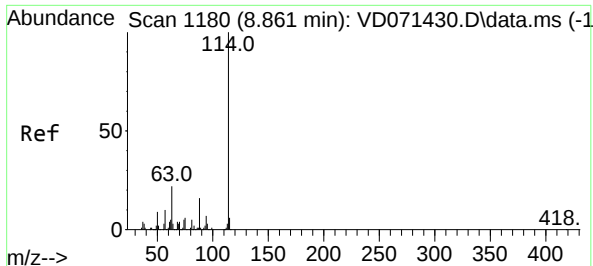
Tgt Ion: 65 Resp: 278616

Ion Ratio Lower Upper

65 100

67 49.9 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: VD071460.D

Acq: 25 Dec 2021 16:16

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-0-5RE

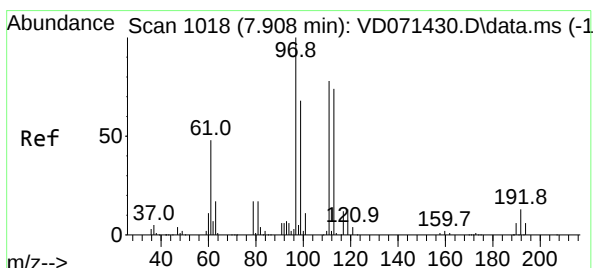
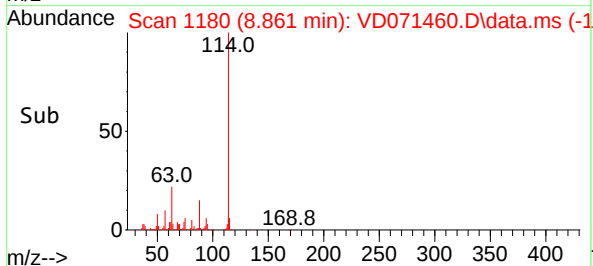
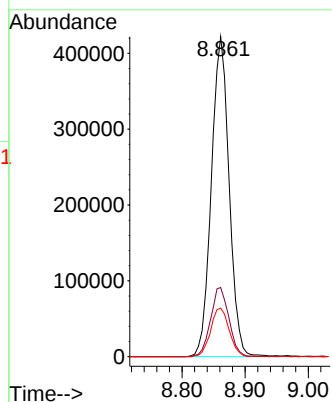
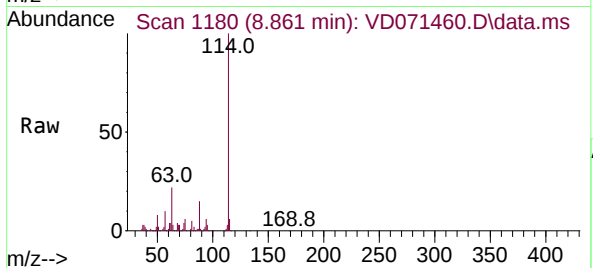
Tgt Ion:114 Resp: 824446

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.627 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071460.D

Acq: 25 Dec 2021 16:16

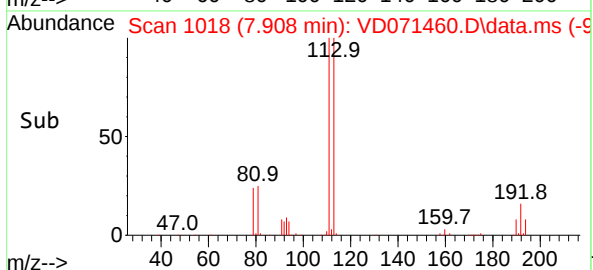
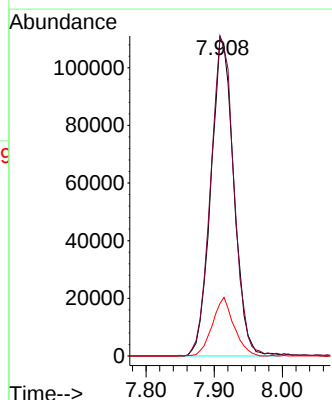
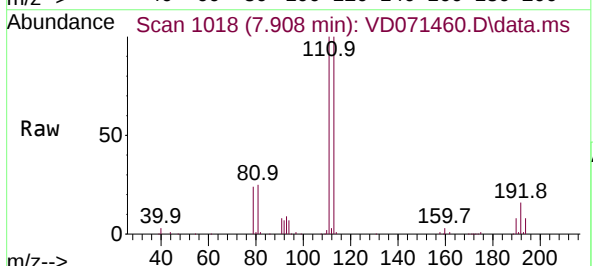
Tgt Ion:113 Resp: 258358

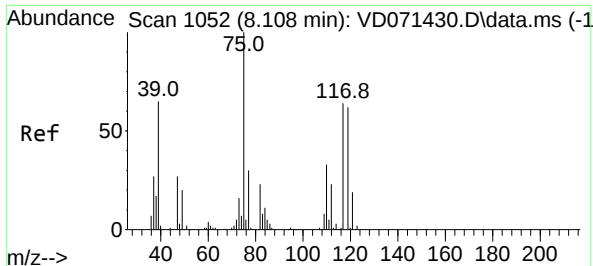
Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

192 17.4 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.755 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071460.D

Acq: 25 Dec 2021 16:16

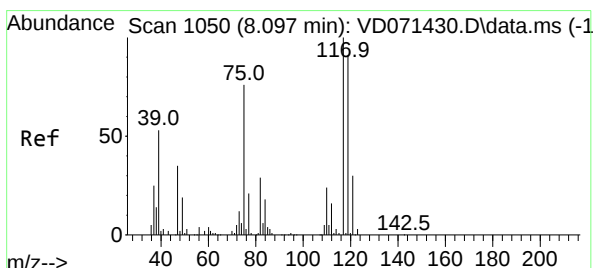
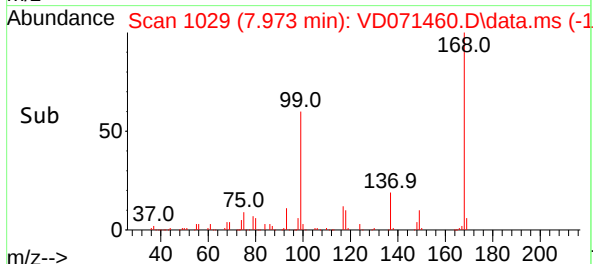
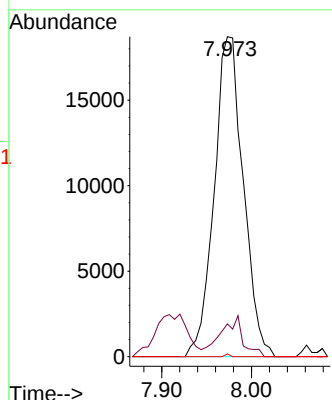
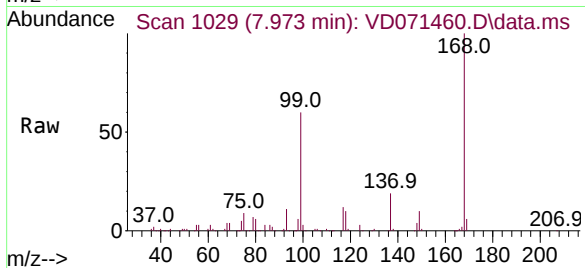
Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-0-5RE

Tgt Ion:	75	Resp:	42092
Ion Ratio	Lower	Upper	
75	100		
110	9.9	17.8	53.4#
77	0.1	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.957 ug/l

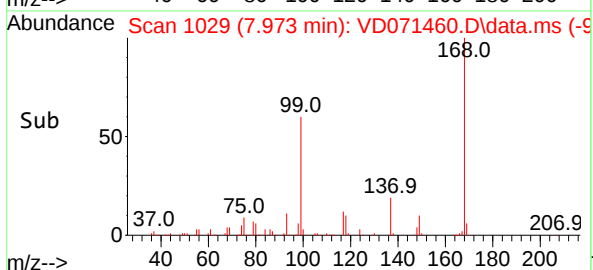
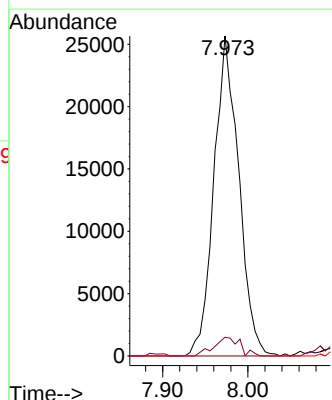
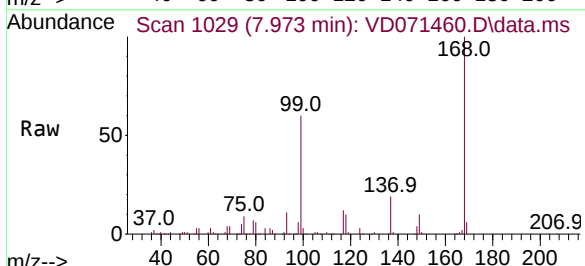
RT: 7.973 min Scan# 1029

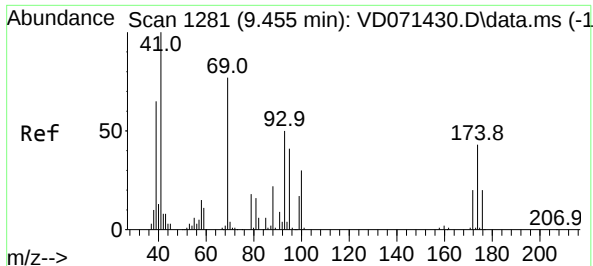
Delta R.T. -0.124 min

Lab File: VD071460.D

Acq: 25 Dec 2021 16:16

Tgt Ion:	117	Resp:	52027
Ion Ratio	Lower	Upper	
117	100		
119	5.9	75.8	113.6#
121	0.0	23.6	35.4#

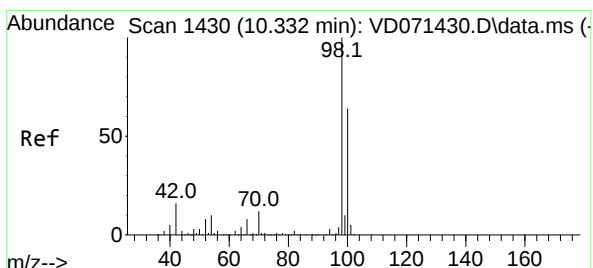
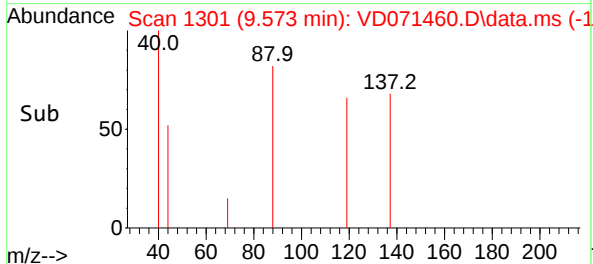
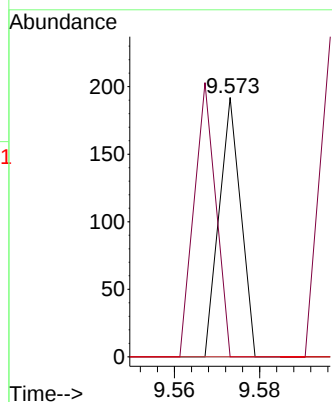
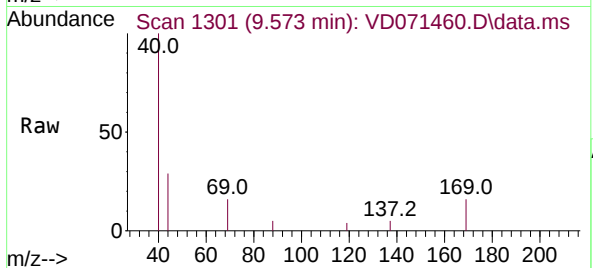




#49
1,4-Dioxane
Concen: 1.764 ug/l
RT: 9.573 min Scan# 11
Delta R.T. 0.118 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

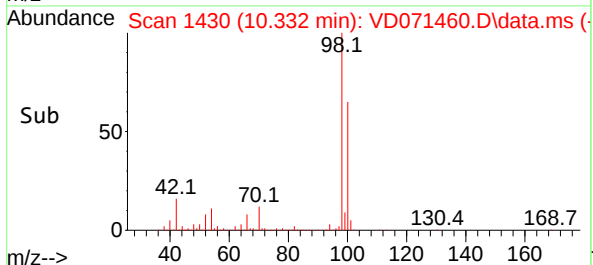
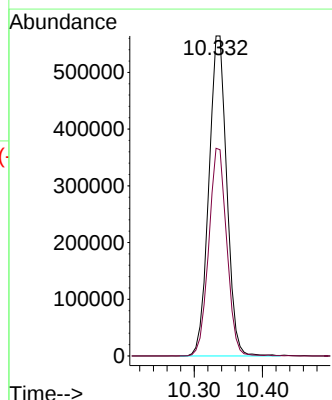
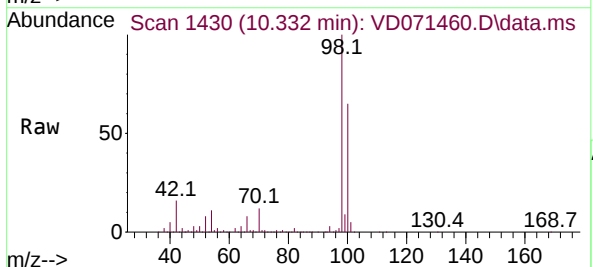
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-0-5RE

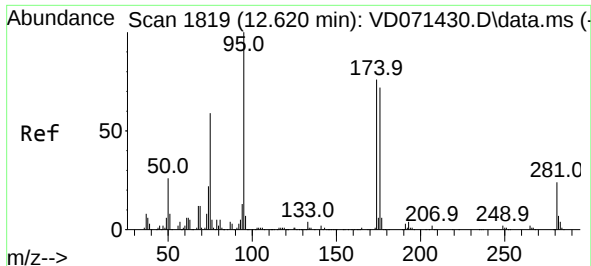
Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 105.9 28.9 43.3#
58 0.0 56.3 84.5#



#50
Toluene-d8
Concen: 49.212 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Tgt Ion: 98 Resp: 1030454
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

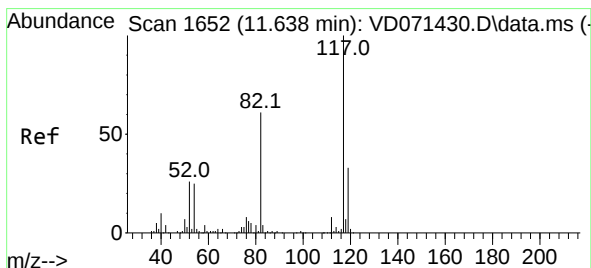
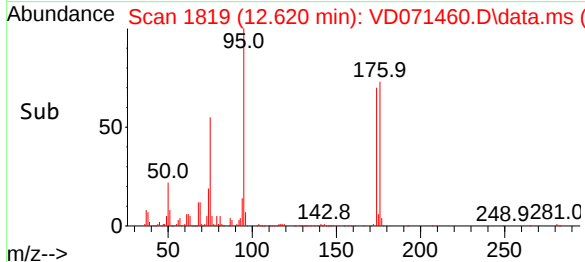
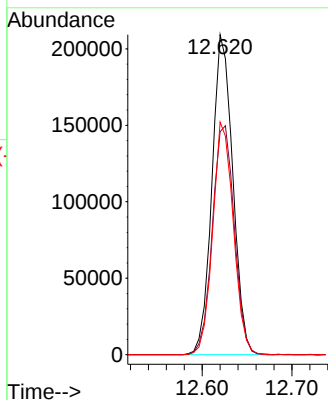
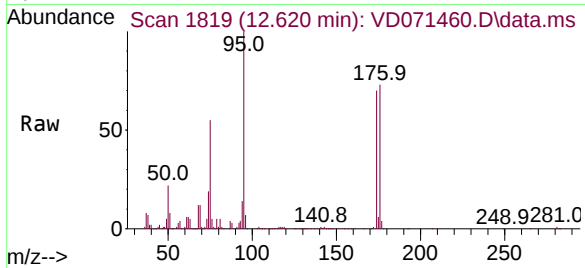




#62
4-Bromofluorobenzene
Concen: 45.282 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

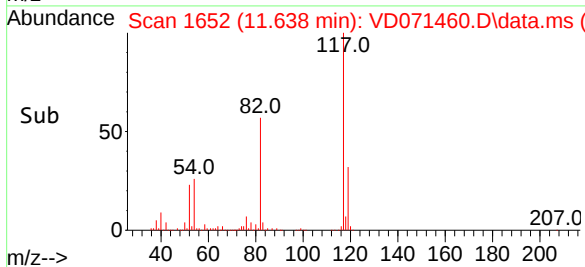
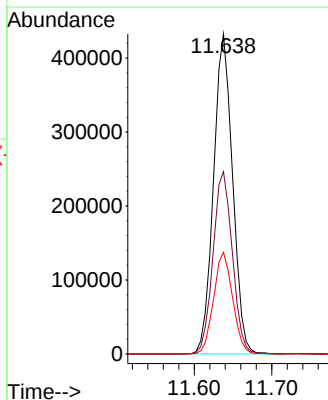
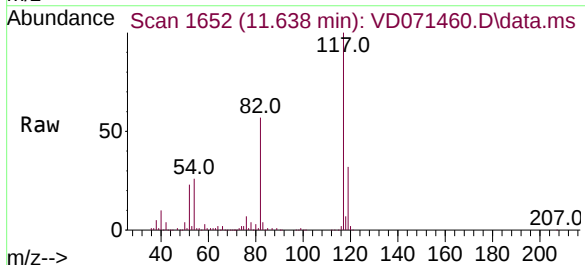
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SASP2-119-1-0-5RE

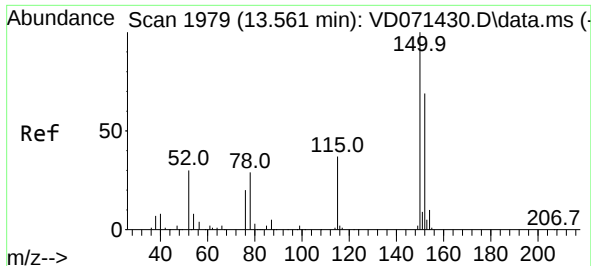
Tgt Ion: 95 Resp: 336935
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 72.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Tgt Ion: 117 Resp: 739782
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 31.8 26.2 39.4

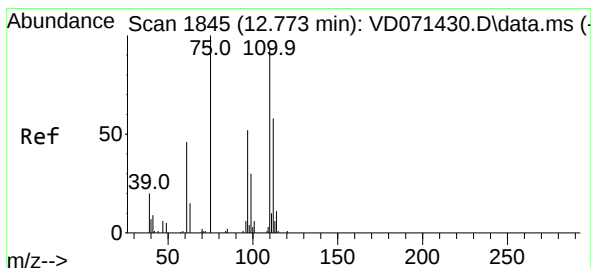
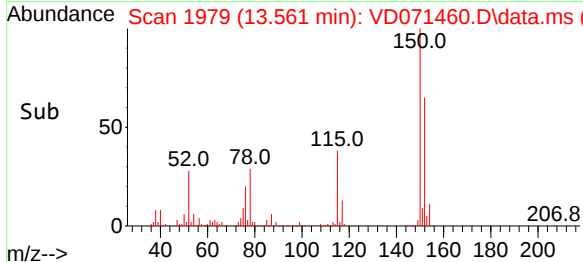
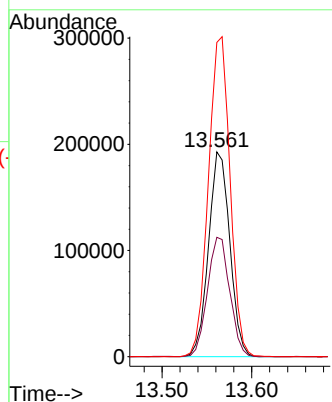
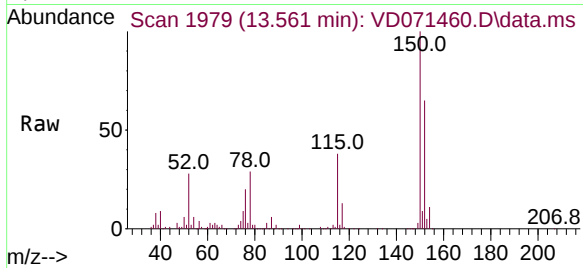




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD071460.D
 Acq: 25 Dec 2021 16:16

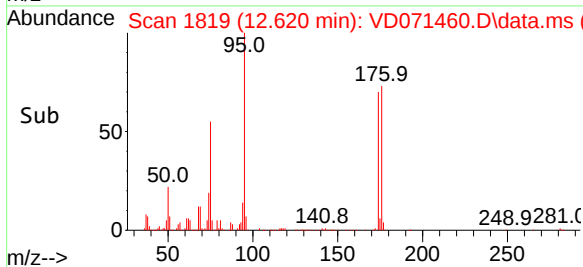
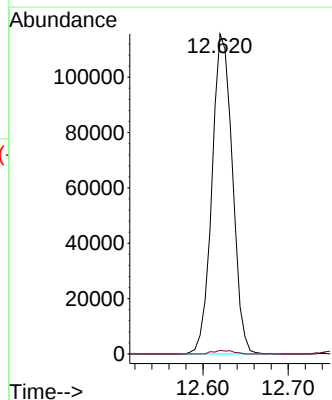
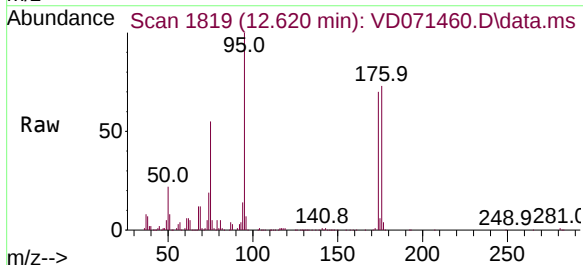
Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-0-5RE

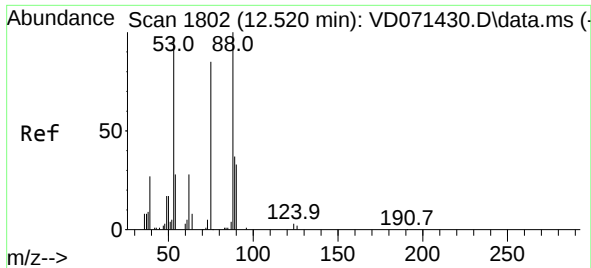
Tgt Ion:152 Resp: 317456
 Ion Ratio Lower Upper
 152 100
 115 60.8 29.8 89.3
 150 159.1 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 51.065 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071460.D
 Acq: 25 Dec 2021 16:16

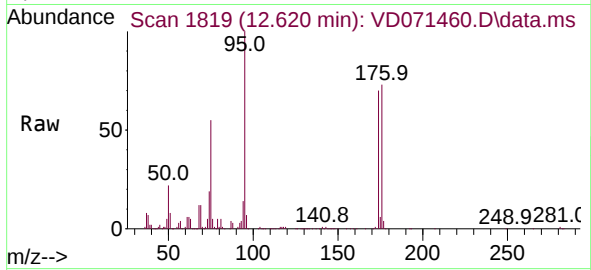
Tgt Ion: 75 Resp: 192613
 Ion Ratio Lower Upper
 75 100
 77 1.1 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.285 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071460.D
 Acq: 25 Dec 2021 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-0-5RE



Tgt Ion: 75 Resp: 192613
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.0 34.5 51.7#

