

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071463.D
 Acq On : 25 Dec 2021 17:40
 Operator : VA/SY
 Sample : M5187-04
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-40-57

Quant Time: Dec 27 00:51:07 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

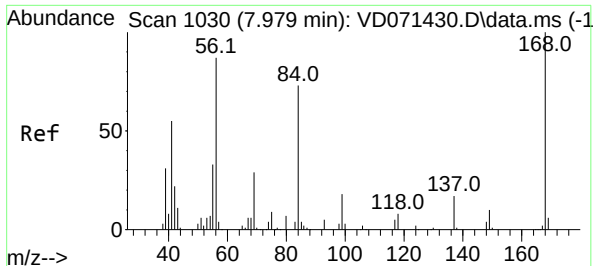
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	416656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	747225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	672499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255233	46.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.240%
35) Dibromofluoromethane	7.914	113	234245	46.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.280%
50) Toluene-d8	10.332	98	933709	49.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.620	95	303017	44.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.173	59	529	Below Cal	#	71
16) Acetone	4.173	43	3295	2.371	ug/l	89
20) Methylene Chloride	4.962	84	21818	Below Cal		85
31) Cyclohexane	7.979	56	13259	1.411	ug/l #	32
36) 1,1-Dichloropropene	7.973	75	37953	4.730	ug/l #	50
38) Carbon Tetrachloride	7.979	117	46159	5.831	ug/l #	17
49) 1,4-Dioxane	9.403	88	56	1.603	ug/l #	23
76) 1,2,3-Trichloropropane	12.626	75	172272	49.127	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	172272	138.809	ug/l #	18

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

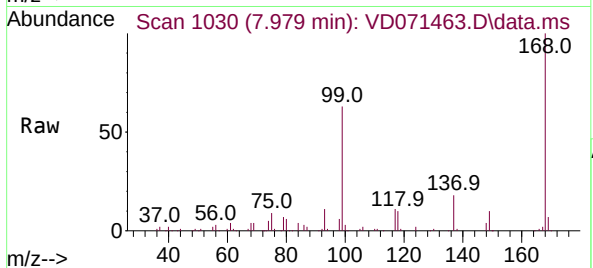
Quant Time: Dec 27 00:51:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



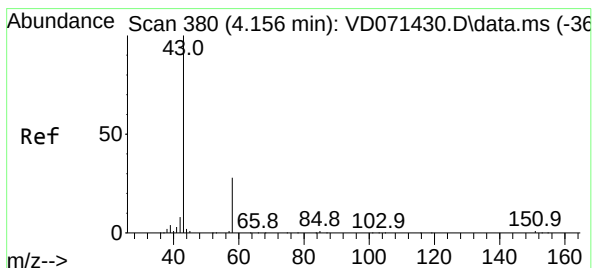
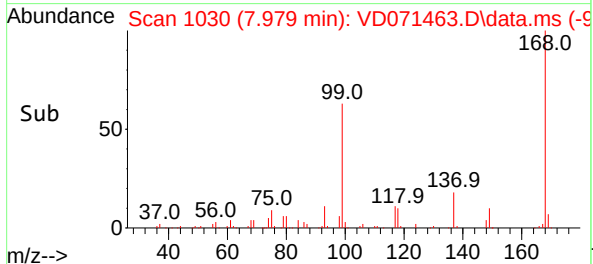
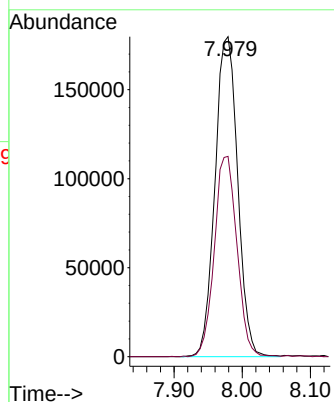


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

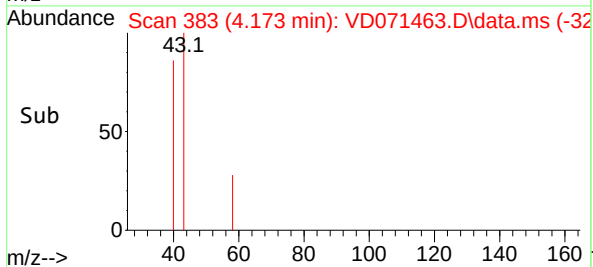
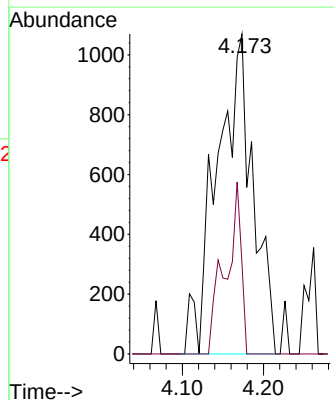
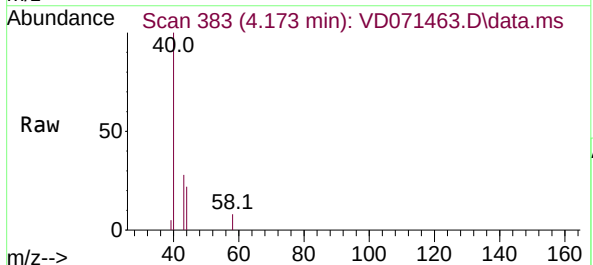


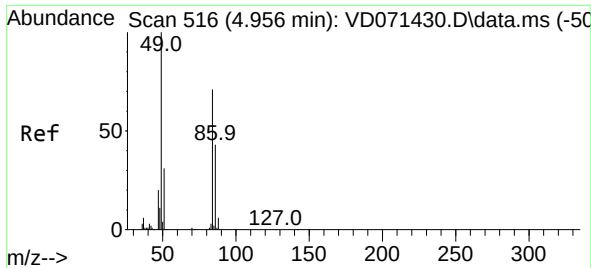
Tgt Ion:168 Resp: 416656
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#16
Acetone
Concen: 2.371 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion: 43 Resp: 3295
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8

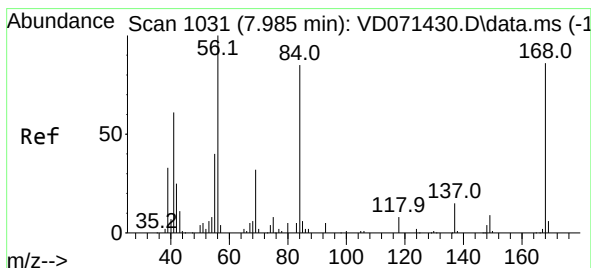
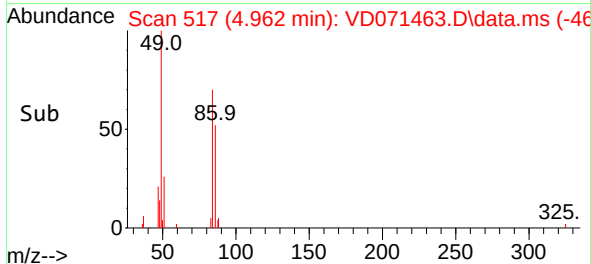
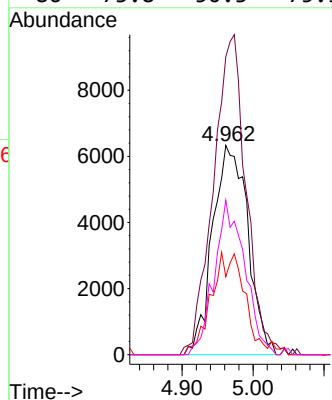
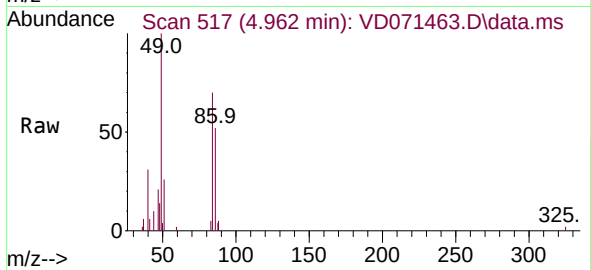




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

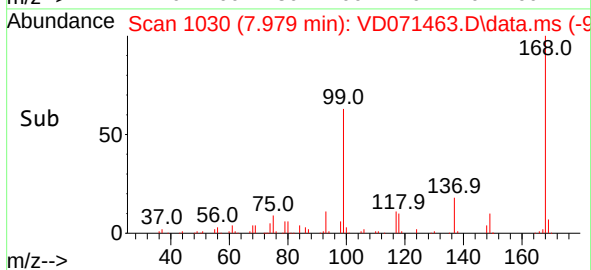
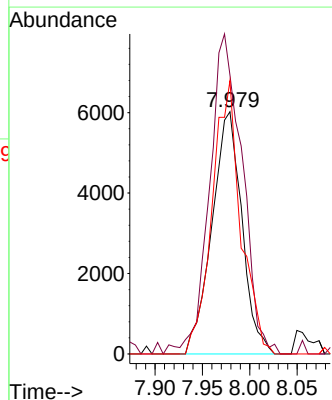
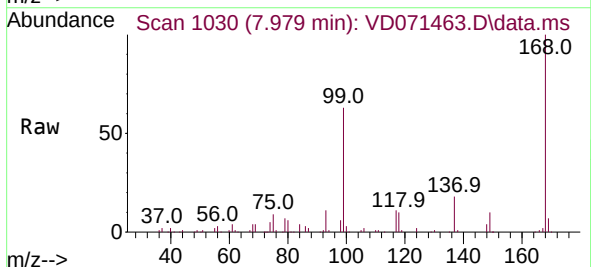
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

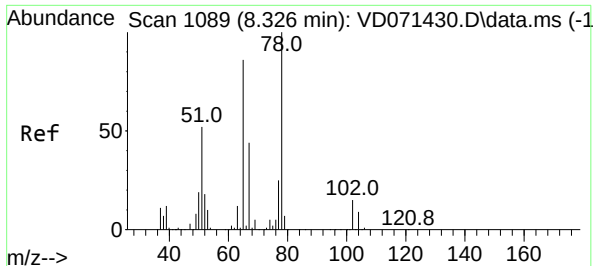
Tgt Ion:	84	Resp:	21818
Ion	Ratio	Lower	Upper
84	100		
49	142.3	95.8	143.6
51	37.3	30.9	46.3
86	73.8	50.3	75.5



#31
Cyclohexane
Concen: 1.411 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion:	56	Resp:	13259
Ion	Ratio	Lower	Upper
56	100		
69	115.1	25.9	38.9#
84	112.8	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 46.125 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071463.D

Acq: 25 Dec 2021 17:40

Instrument :

MSVOA_D

ClientSampleId :

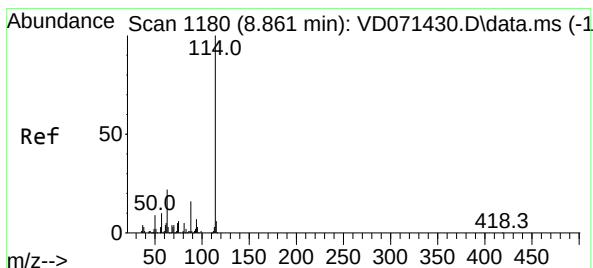
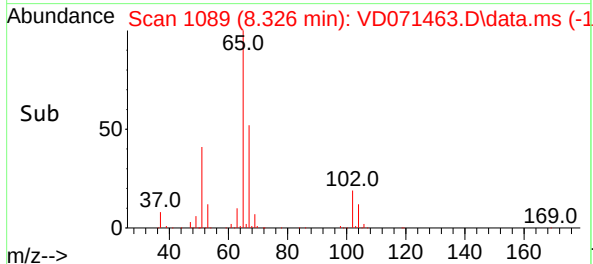
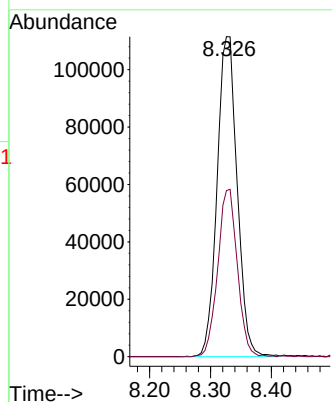
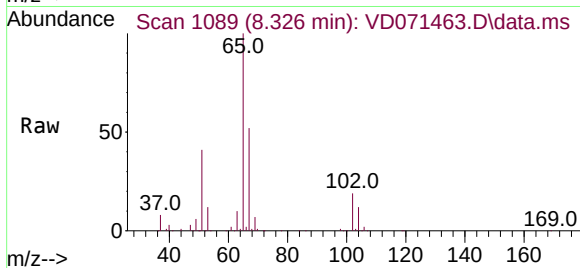
SASP2-119-1-40-57

Tgt Ion: 65 Resp: 255233

Ion Ratio Lower Upper

65 100

67 51.2 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: VD071463.D

Acq: 25 Dec 2021 17:40

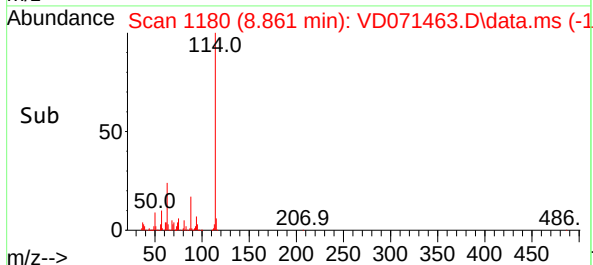
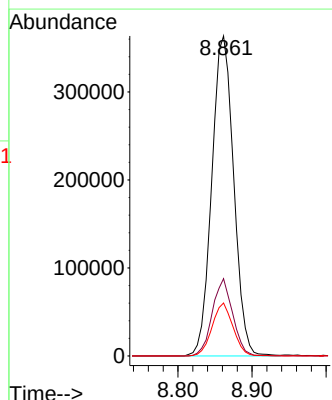
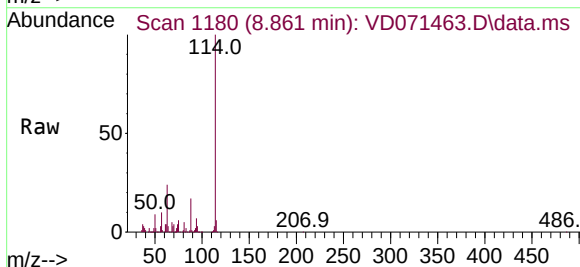
Tgt Ion: 114 Resp: 747225

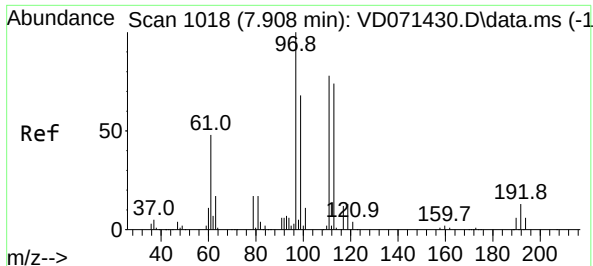
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.644 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071463.D

Acq: 25 Dec 2021 17:40

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-40-57

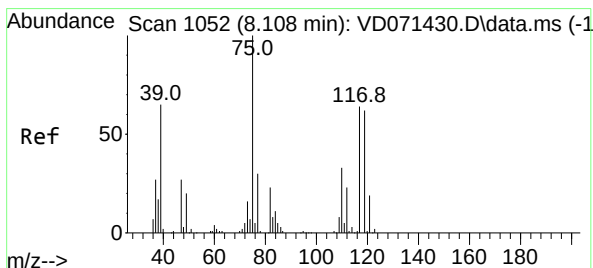
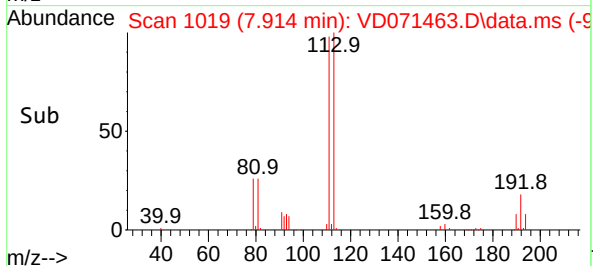
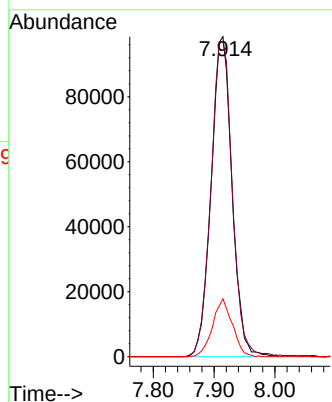
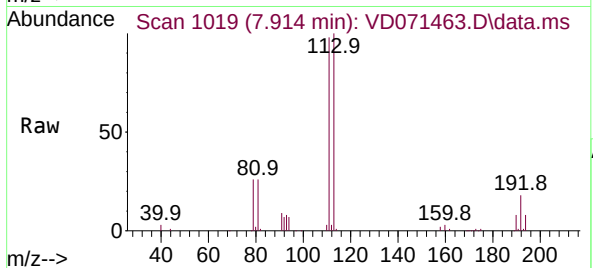
Tgt Ion:113 Resp: 234245

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 17.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071463.D

Acq: 25 Dec 2021 17:40

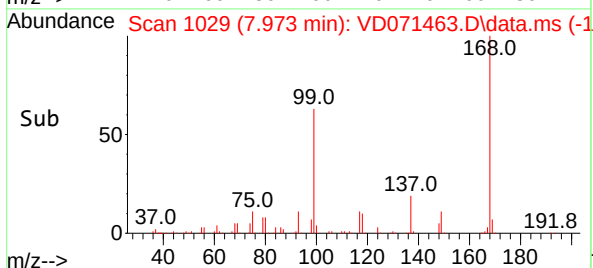
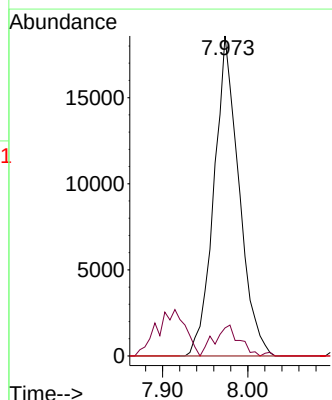
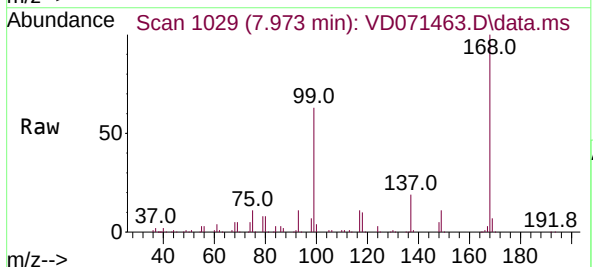
Tgt Ion: 75 Resp: 37953

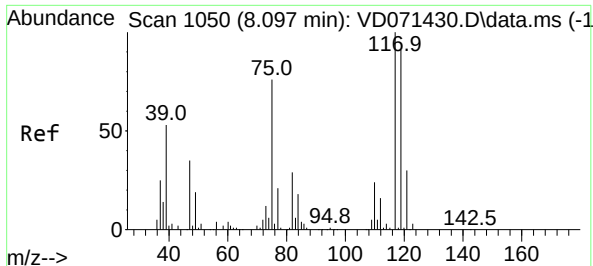
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.4#

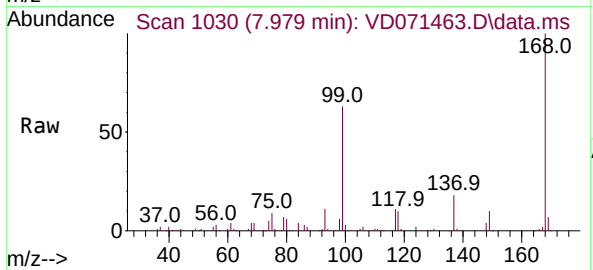
77 0.0 24.8 37.2#



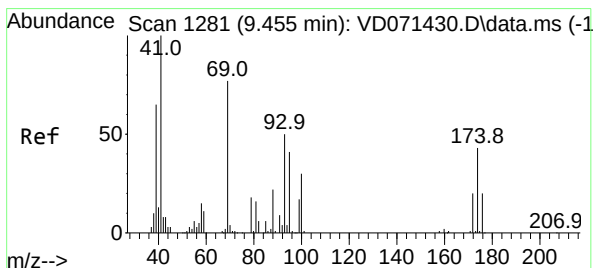
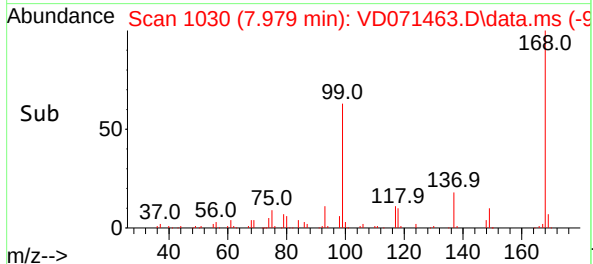
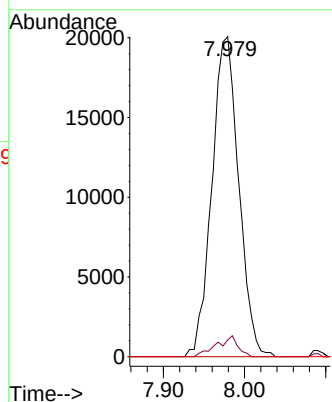


#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

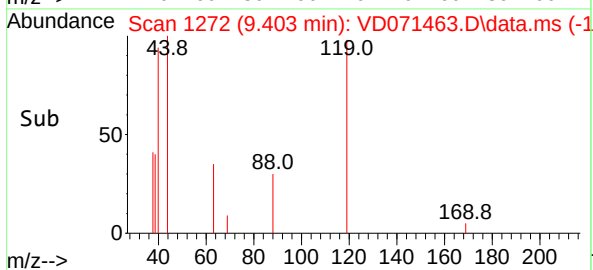
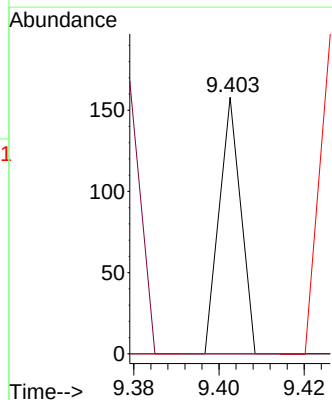
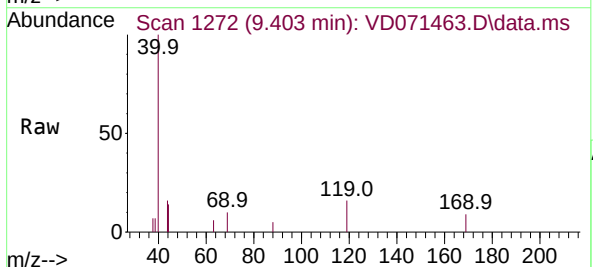


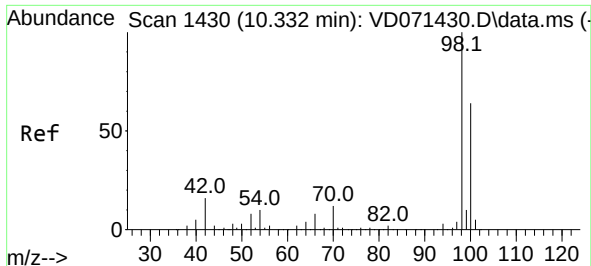
Tgt Ion:117 Resp: 46159
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.603 ug/l
RT: 9.403 min Scan# 1272
Delta R.T. -0.052 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

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

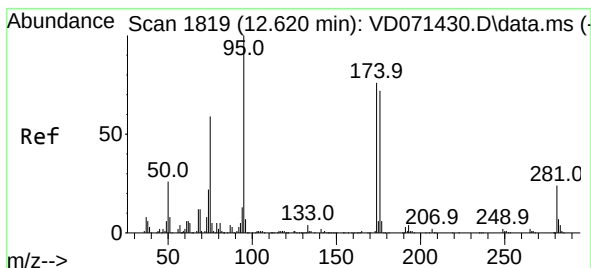
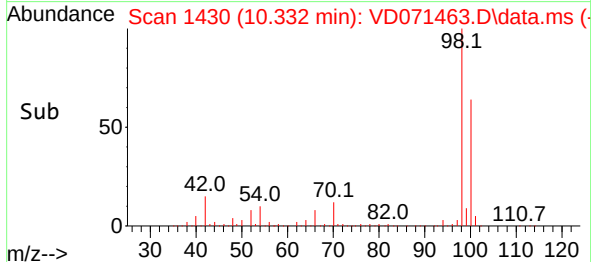
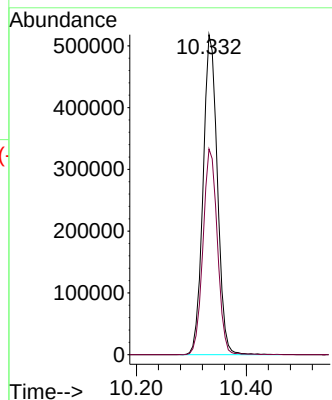
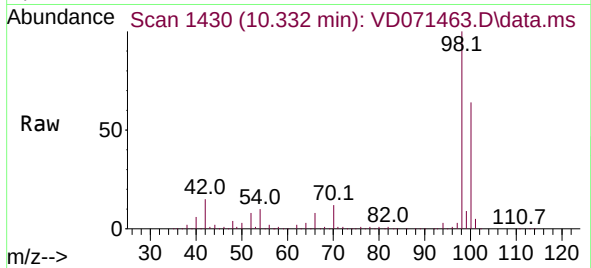




#50
Toluene-d8
Concen: 49.200 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

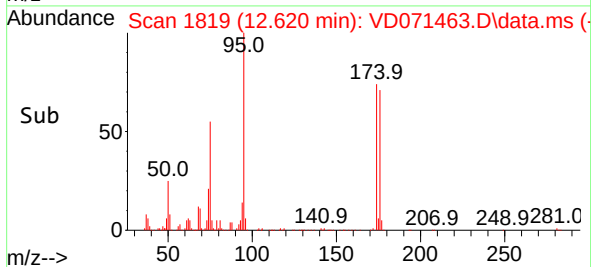
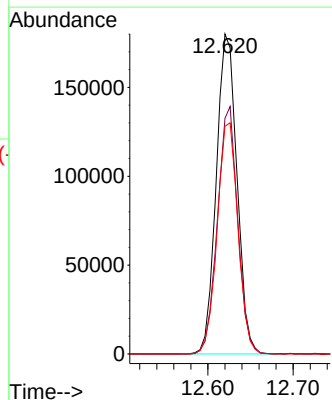
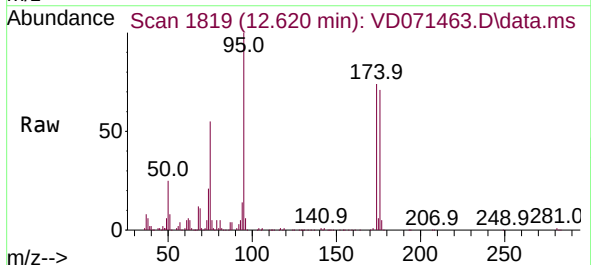
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

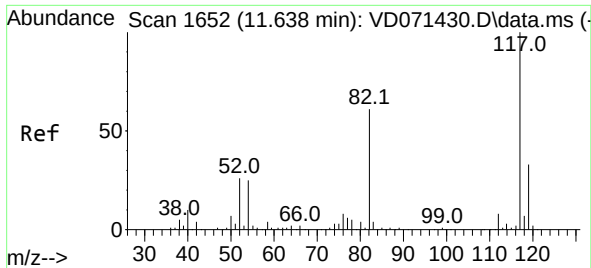
Tgt Ion: 98 Resp: 933709
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.933 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion: 95 Resp: 303017
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 72.7 0.0 154.0

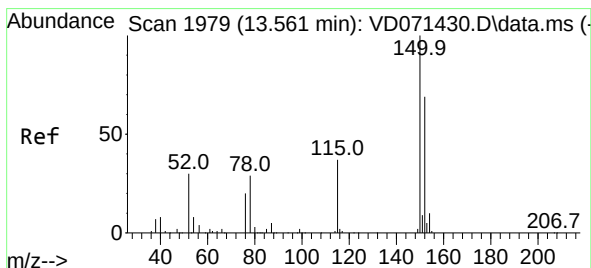
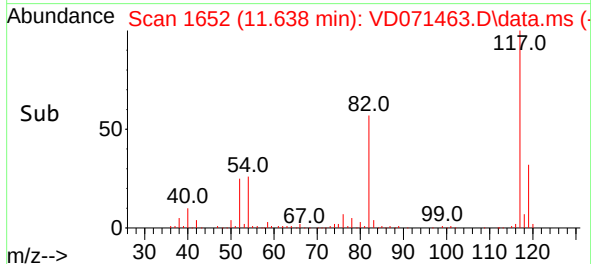
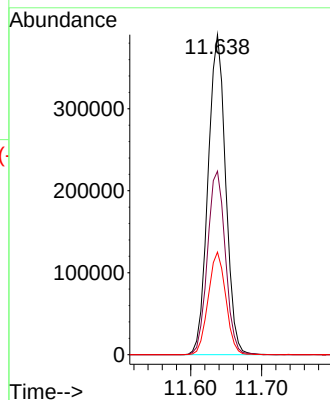
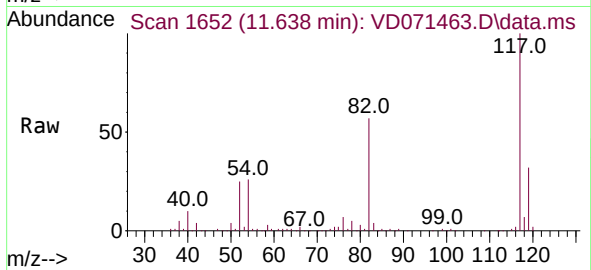




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

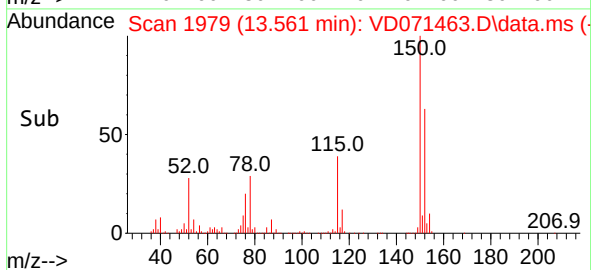
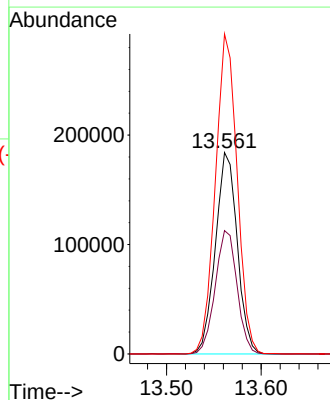
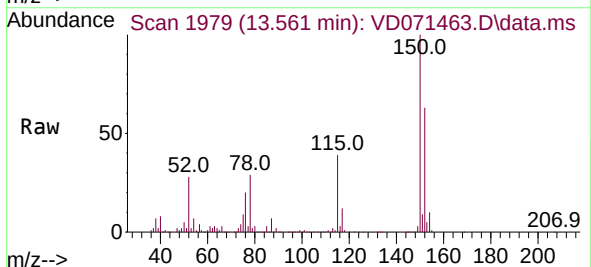
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

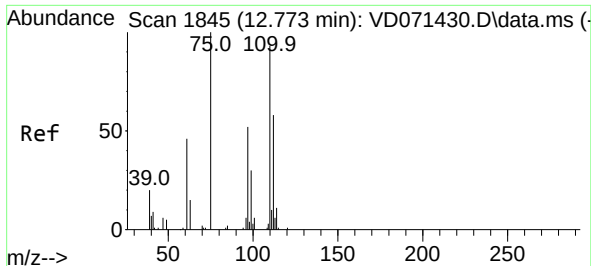
Tgt Ion:117 Resp: 672499
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion:152 Resp: 295130
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 158.2 0.0 349.2

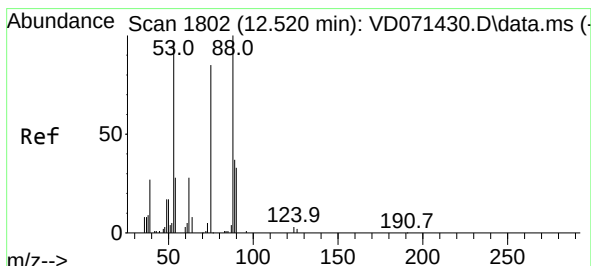
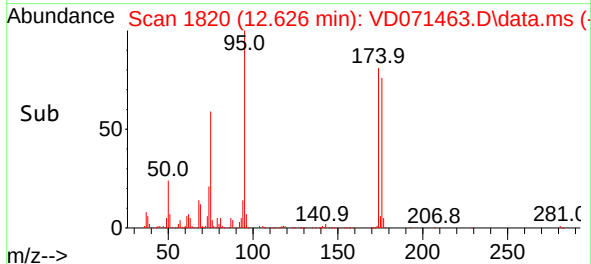
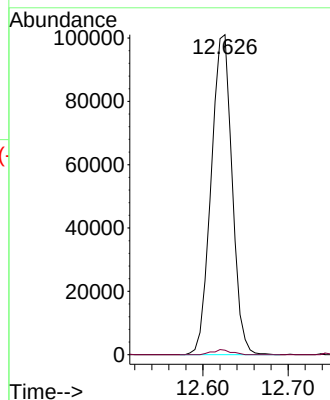
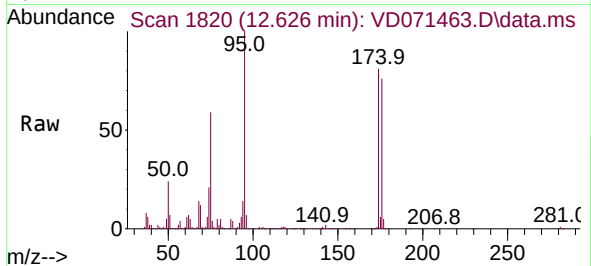




#76
1,2,3-Trichloropropane
Concen: 49.127 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

Tgt Ion: 75 Resp: 172272
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.809 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion: 75 Resp: 172272
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

