

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071462.D
 Acq On : 25 Dec 2021 17:12
 Operator : VA/SY
 Sample : M5187-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-10-40

Quant Time: Dec 27 00:50:57 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

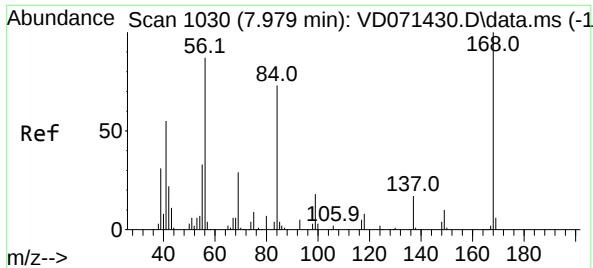
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	431887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	754177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	675069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	300752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253488	44.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.380%		
35) Dibromofluoromethane	7.914	113	238191	46.993	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.980%		
50) Toluene-d8	10.332	98	951075	49.653	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.300%		
62) 4-Bromofluorobenzene	12.620	95	305588	44.896	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.800%		
Target Compounds						
11) Tert butyl alcohol	5.197	59	460	Below Cal	#	71
16) Acetone	4.167	43	3324	2.307	ug/l #	40
20) Methylene Chloride	4.962	84	26624	Below Cal	#	89
31) Cyclohexane	7.973	56	12346	1.267	ug/l #	34
36) 1,1-Dichloropropene	7.973	75	38138	4.710	ug/l #	50
38) Carbon Tetrachloride	7.979	117	48415	6.060	ug/l #	16
49) 1,4-Dioxane	9.550	88	60	1.701	ug/l #	1
71) Bromoform	12.620	173	2879	1.052	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	175459	49.100	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	175459	138.735	ug/l #	18

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

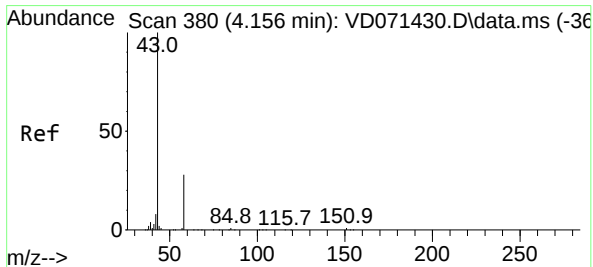
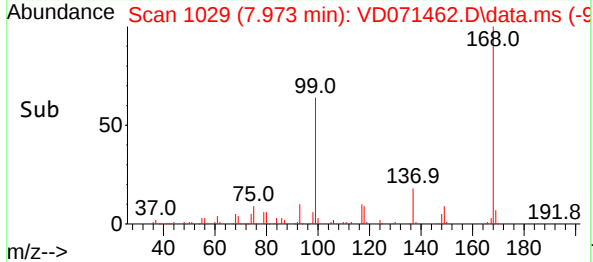
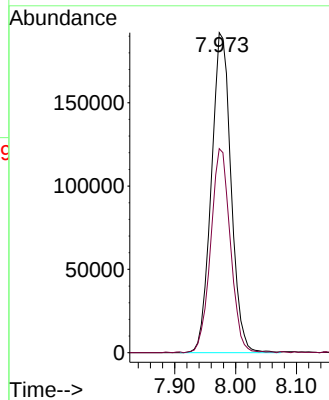
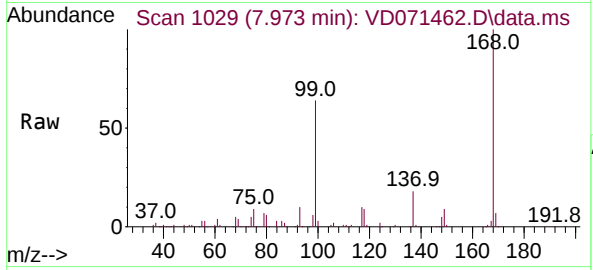




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

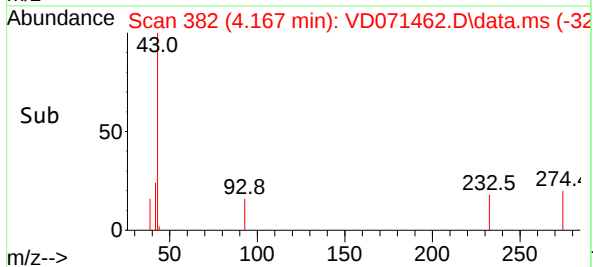
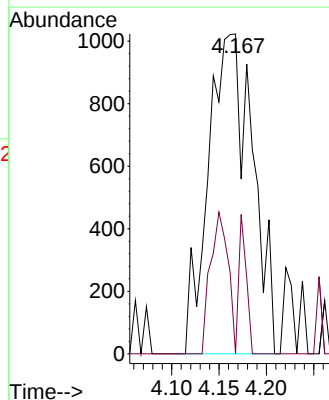
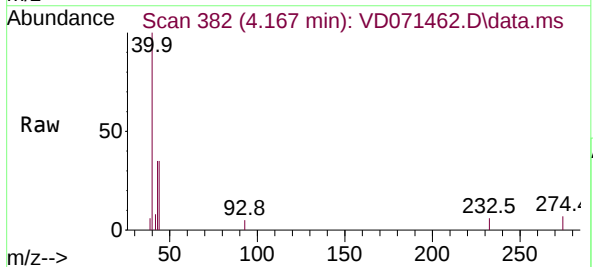
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-10-40

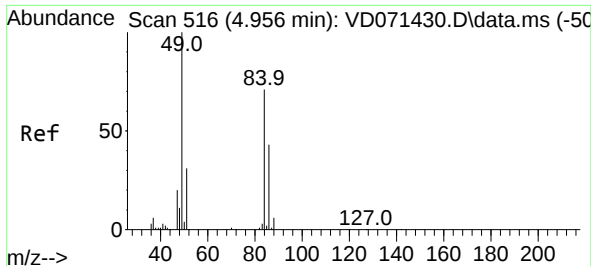
Tgt Ion:168 Resp: 431887
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8



#16
Acetone
Concen: 2.307 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion: 43 Resp: 3324
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

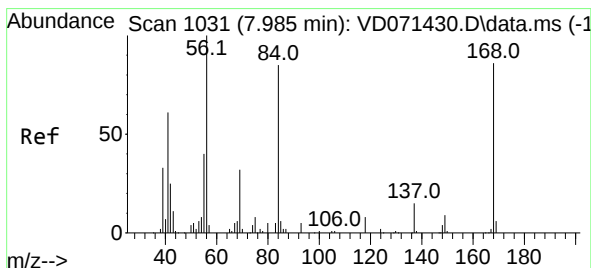
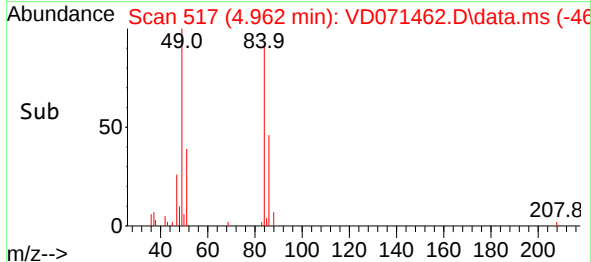
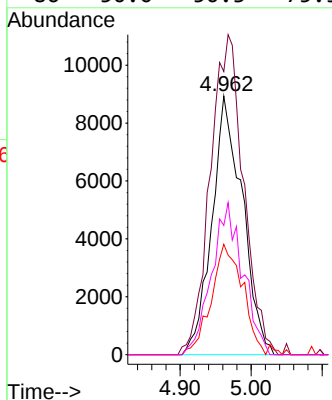
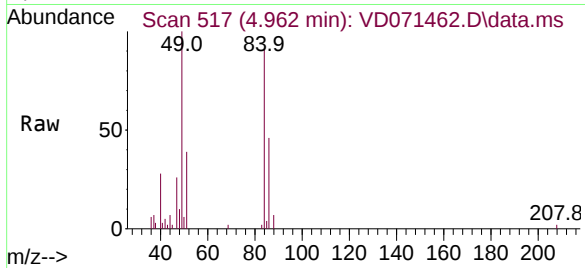




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

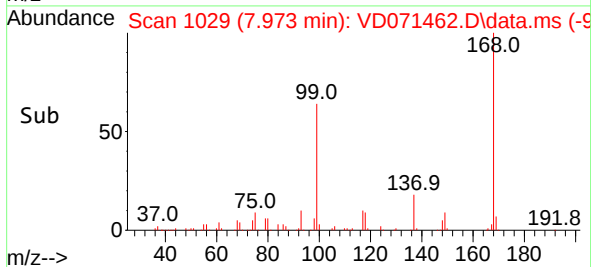
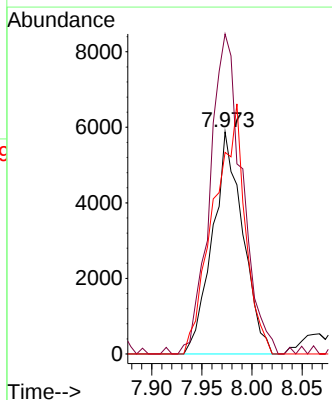
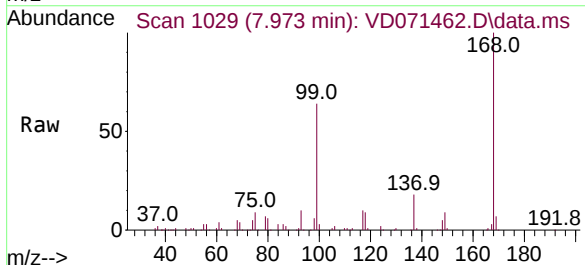
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-10-40

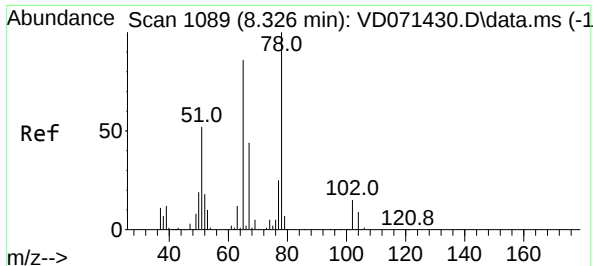
Tgt Ion:	84	Resp:	26624
Ion	Ratio	Lower	Upper
84	100		
49	109.6	95.8	143.6
51	42.7	30.9	46.3
86	50.0	50.3	75.5#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion:	56	Resp:	12346
Ion	Ratio	Lower	Upper
56	100		
69	144.1	25.9	38.9#
84	90.8	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 44.194 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071462.D

Acq: 25 Dec 2021 17:12

Instrument :

MSVOA_D

ClientSampleId :

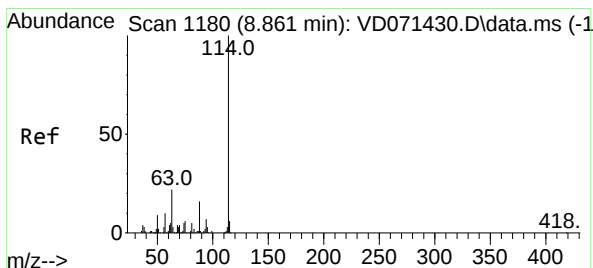
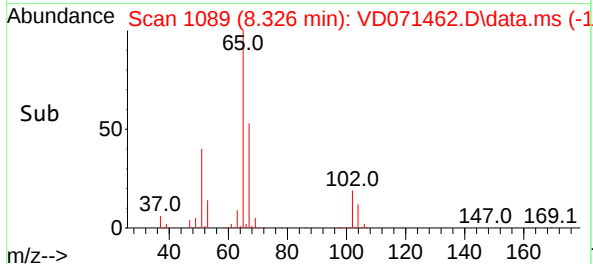
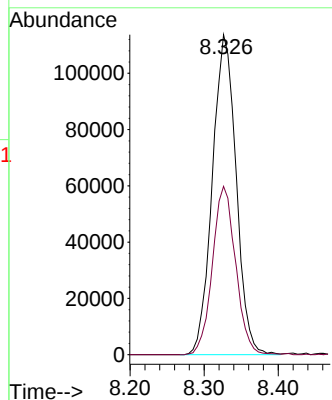
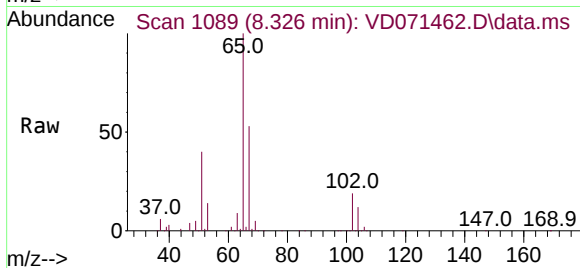
SASP2-119-1-10-40

Tgt Ion: 65 Resp: 253488

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: VD071462.D

Acq: 25 Dec 2021 17:12

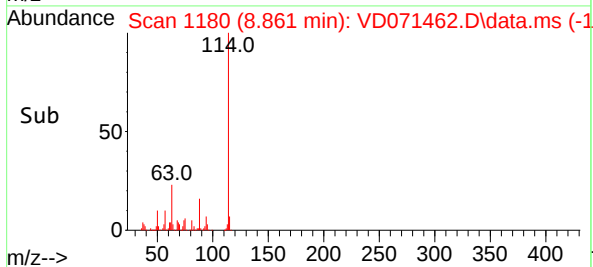
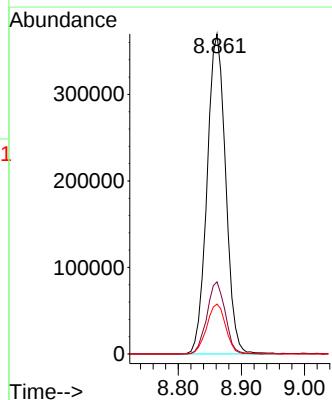
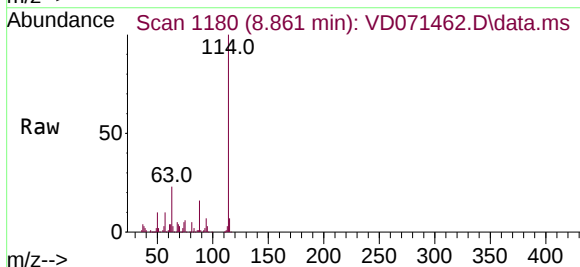
Tgt Ion:114 Resp: 754177

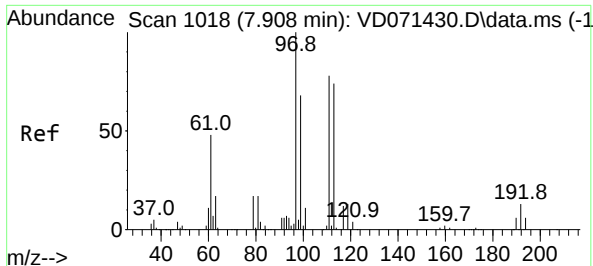
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.993 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071462.D

Acq: 25 Dec 2021 17:12

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-10-40

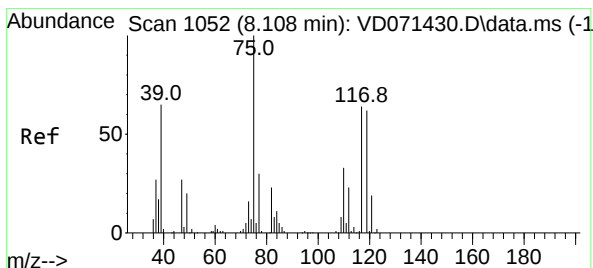
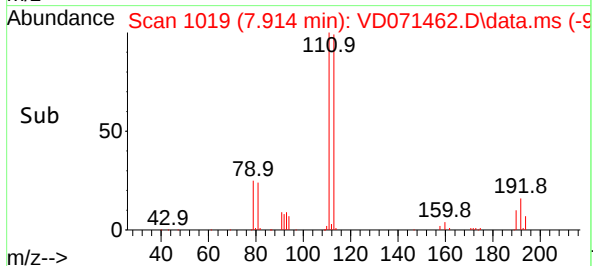
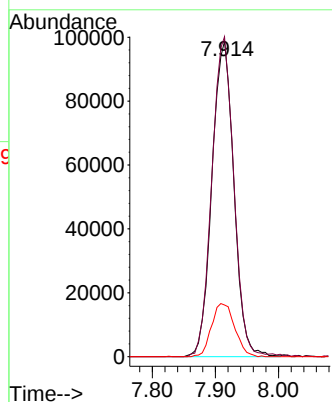
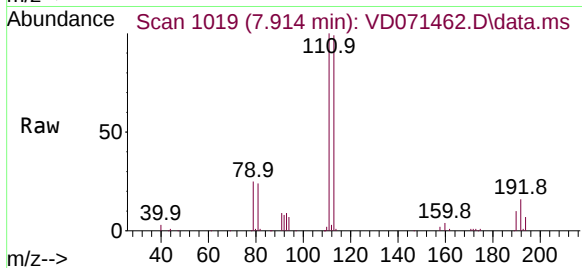
Tgt Ion:113 Resp: 238191

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 17.8 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.710 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071462.D

Acq: 25 Dec 2021 17:12

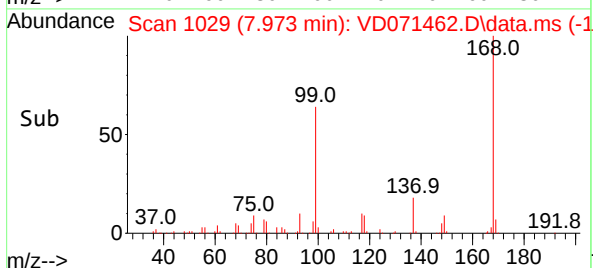
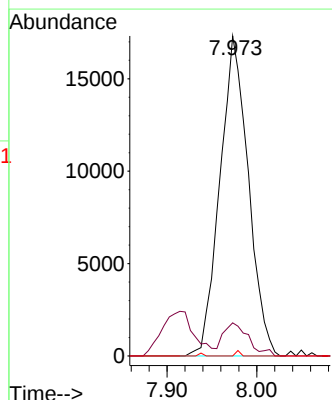
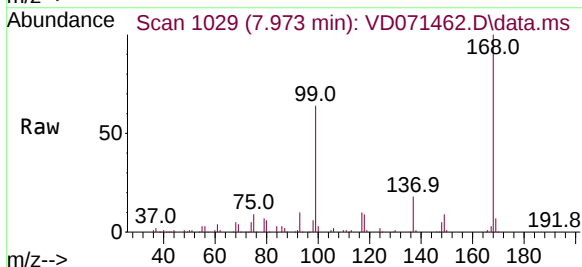
Tgt Ion: 75 Resp: 38138

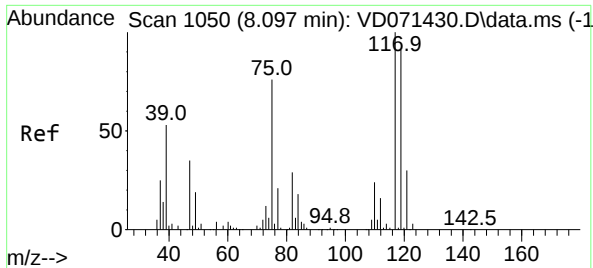
Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.4#

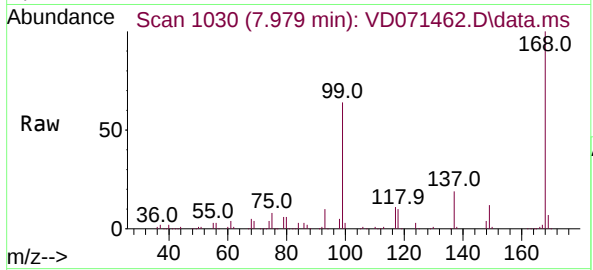
77 0.3 24.8 37.2#



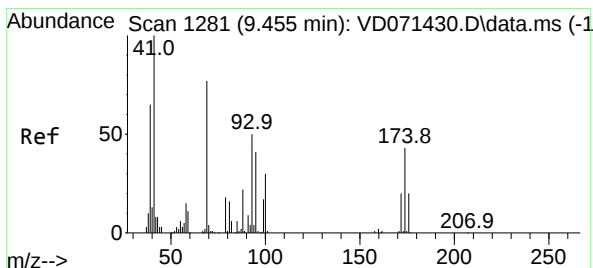
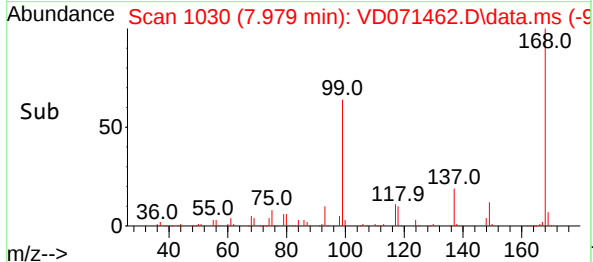
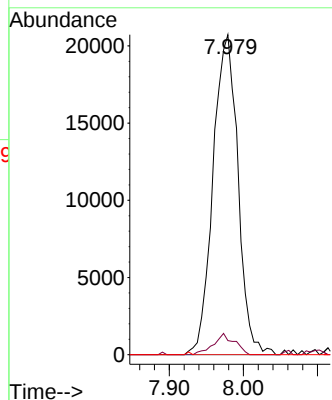


#38
Carbon Tetrachloride
Concen: 6.060 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-10-40

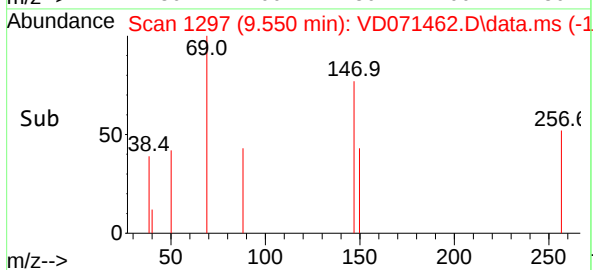
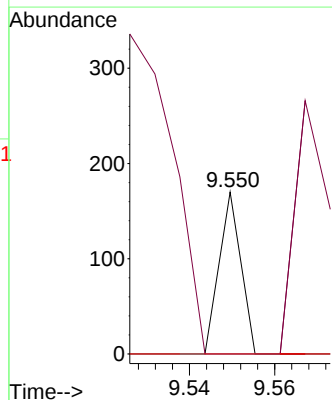
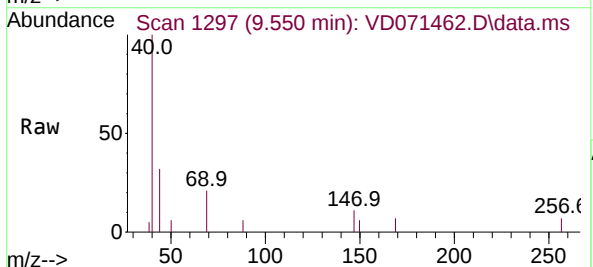


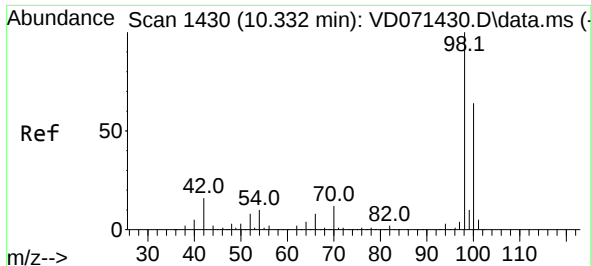
Tgt Ion:117 Resp: 48415
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.701 ug/l
RT: 9.550 min Scan# 1297
Delta R.T. 0.095 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 340.0 28.9 43.3#
58 0.0 56.3 84.5#

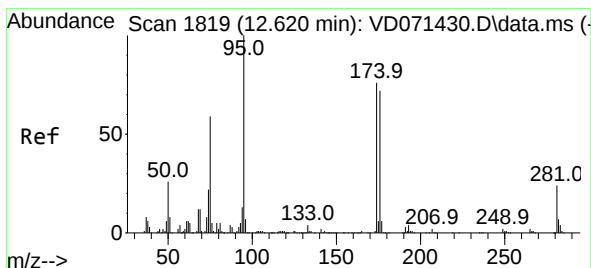
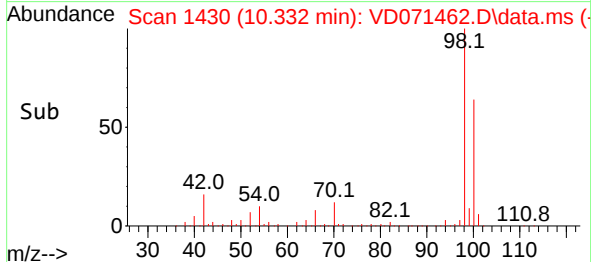
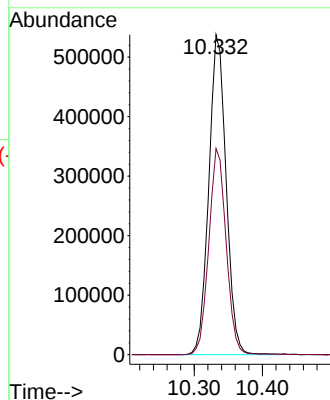
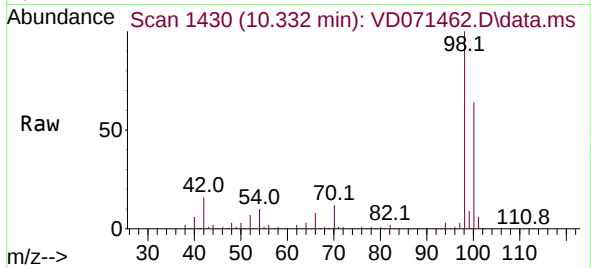




#50
Toluene-d8
Concen: 49.653 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

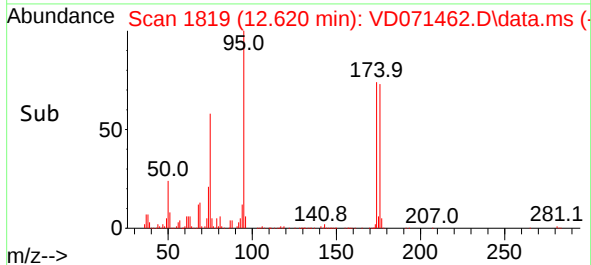
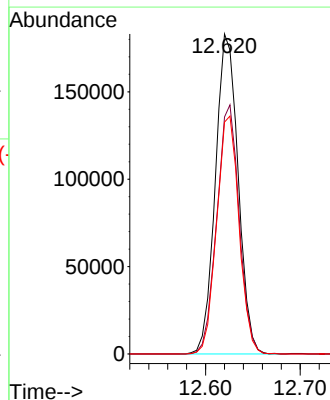
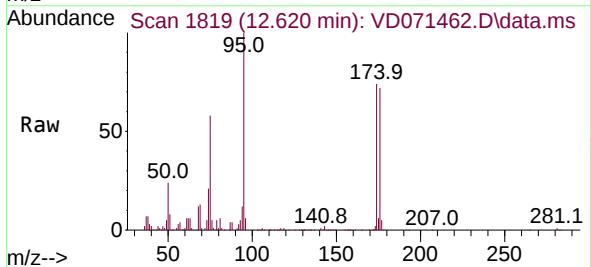
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SASP2-119-1-10-40

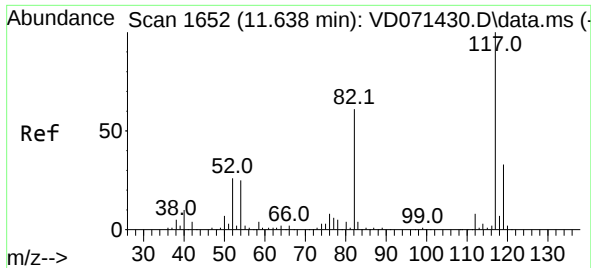
Tgt Ion: 98 Resp: 951075
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.896 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion: 95 Resp: 305588
Ion Ratio Lower Upper
95 100
174 76.6 0.0 159.4
176 73.1 0.0 154.0

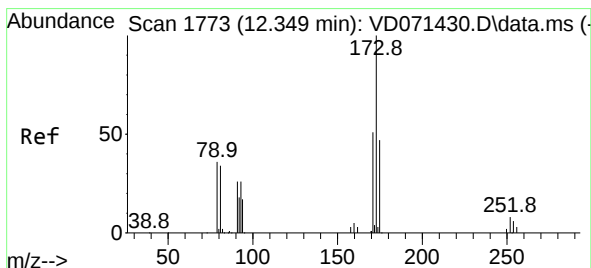
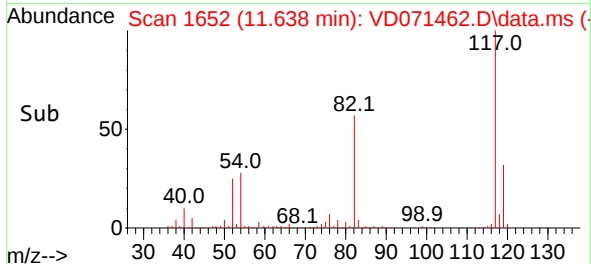
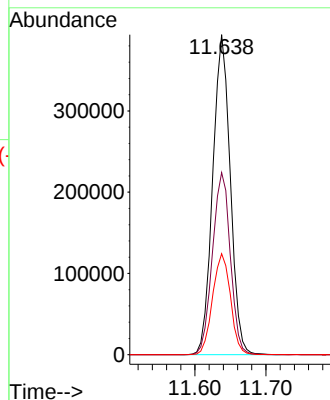
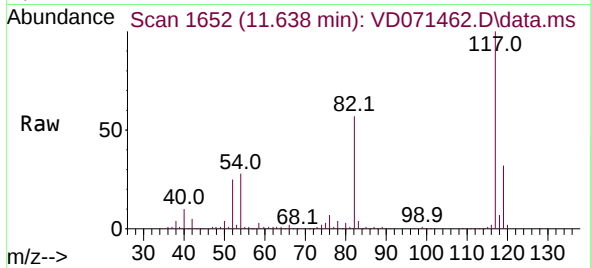




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

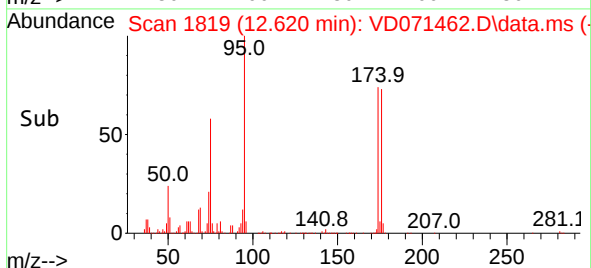
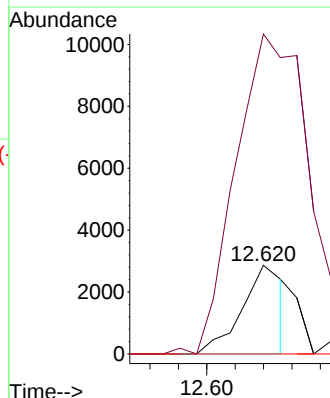
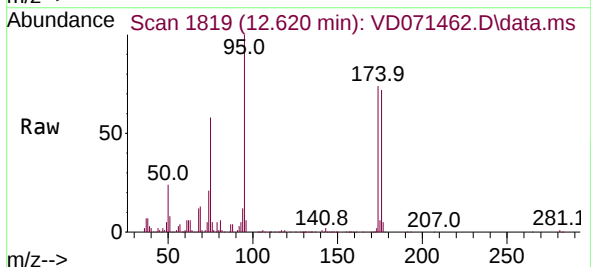
Instrument :
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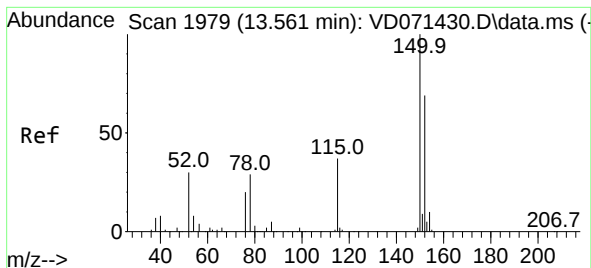
Tgt Ion:117 Resp: 675069
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.5 26.2 39.4



#71
Bromoform
Concen: 1.052 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion:173 Resp: 2879
Ion Ratio Lower Upper
173 100
175 429.7 24.1 72.2#
254 0.0 0.1 0.1#

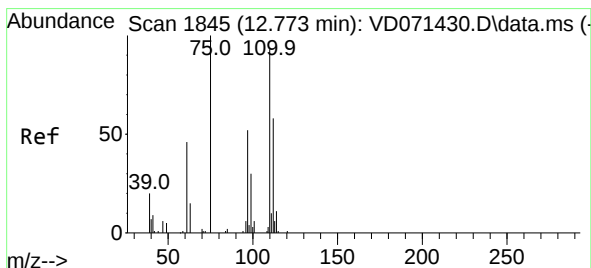
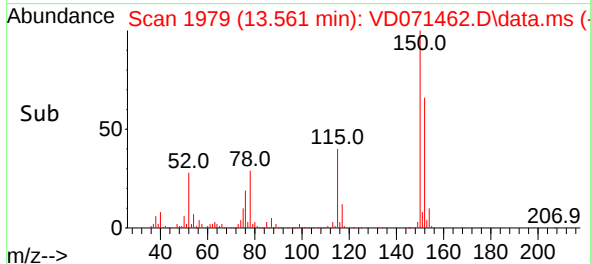
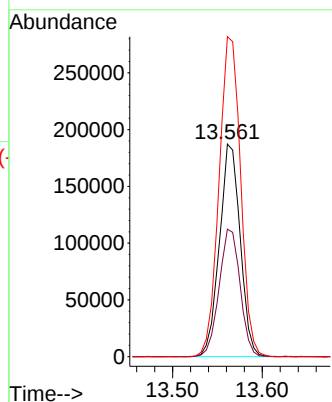
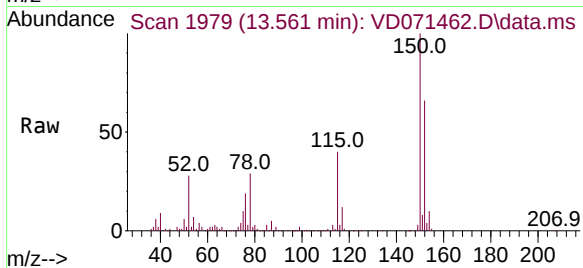




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD071462.D
 Acq: 25 Dec 2021 17:12

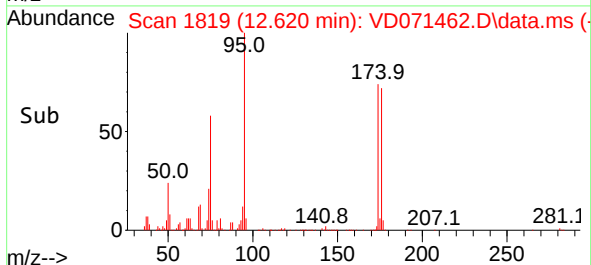
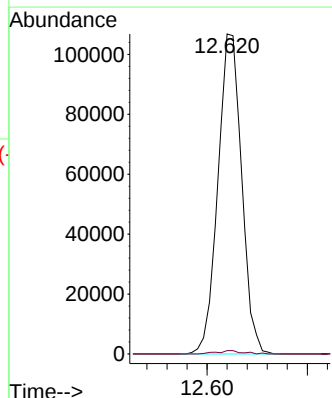
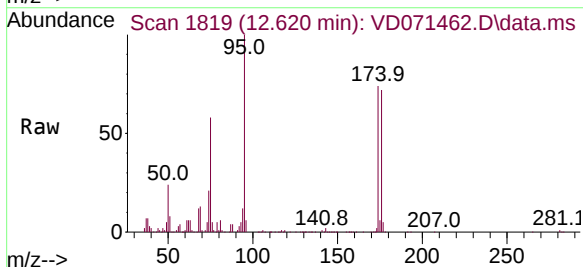
Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-10-40

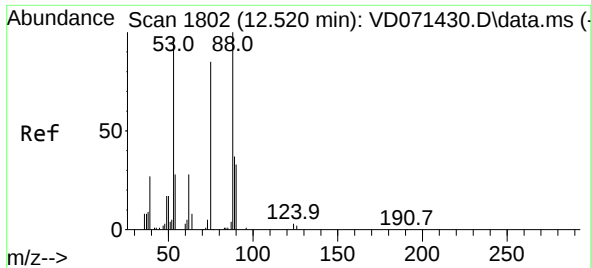
Tgt Ion:152 Resp: 300752
 Ion Ratio Lower Upper
 152 100
 115 60.7 29.8 89.3
 150 156.4 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 49.100 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071462.D
 Acq: 25 Dec 2021 17:12

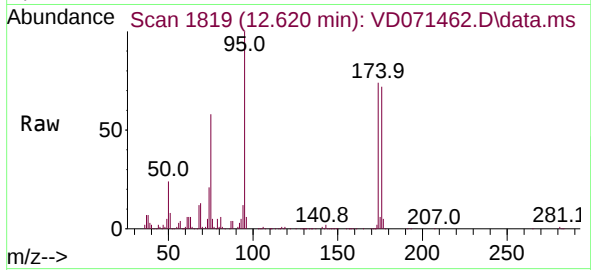
Tgt Ion: 75 Resp: 175459
 Ion Ratio Lower Upper
 75 100
 77 1.1 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.735 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071462.D
 Acq: 25 Dec 2021 17:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-10-40



Tgt Ion: 75 Resp: 175459
 Ion Ratio Lower Upper
 75 100
 53 0.2 62.6 94.0#
 89 0.0 34.5 51.7#

