

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071593.D
 Acq On : 04 Jan 2022 15:16
 Operator : VA/SY
 Sample : M5247-02
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

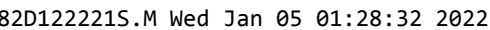
Quant Time: Jan 05 01:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

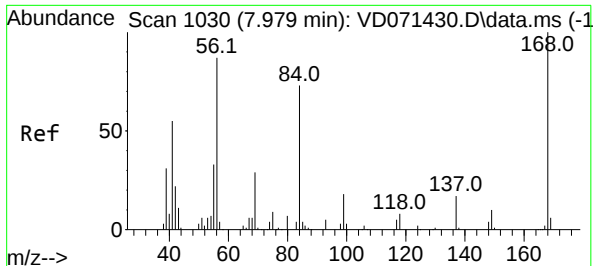
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	316876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	567396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	505630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	215981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208946	49.650	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.300%		
35) Dibromofluoromethane	7.914	113	186982	49.034	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.060%		
50) Toluene-d8	10.338	98	712161	49.419	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.840%		
62) 4-Bromofluorobenzene	12.626	95	218619	42.692	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.380%		
Target Compounds						
11) Tert butyl alcohol	5.191	59	3306	Below Cal	#	71
20) Methylene Chloride	4.962	84	20936	Below Cal	#	91
31) Cyclohexane	7.979	56	9373	1.311	ug/l #	32
36) 1,1-Dichloropropene	7.979	75	31152	5.113	ug/l #	48
38) Carbon Tetrachloride	7.979	117	36234	6.028	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	126013	49.104	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	126013	138.745	ug/l #	18

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

Quant Time: Jan 05 01:28:23 2022
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

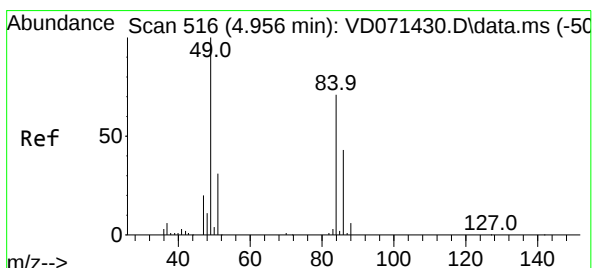
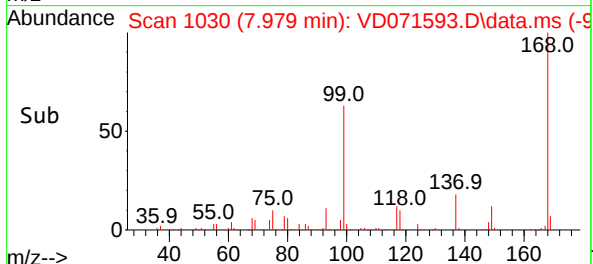
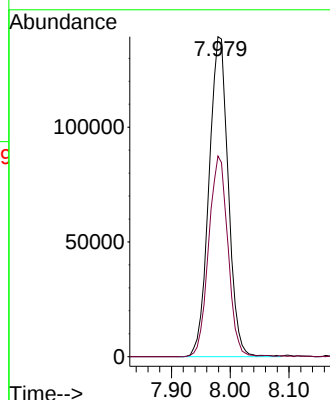
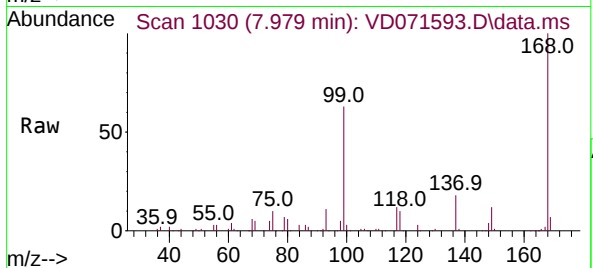




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

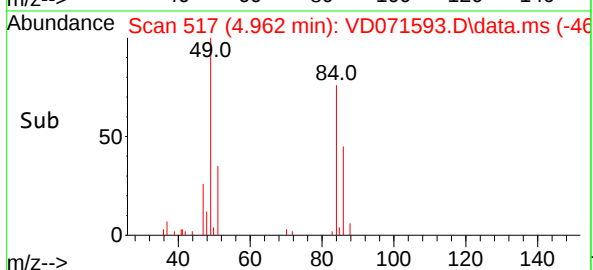
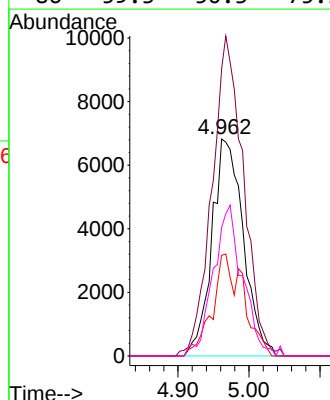
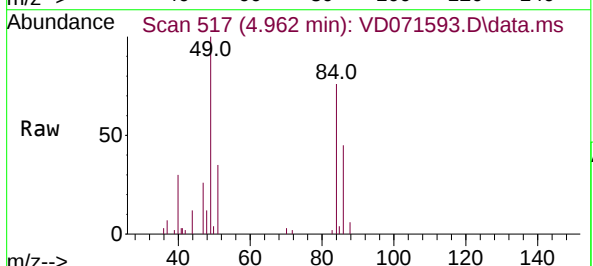
Instrument :
MSVOA_D
ClientSampleId :

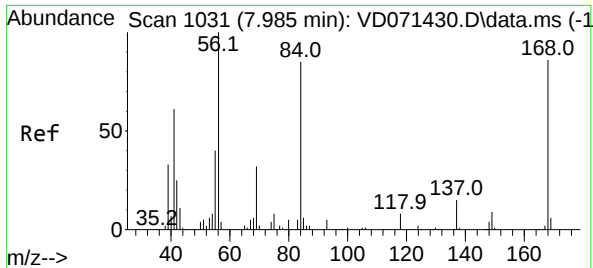
Tgt Ion:168 Resp: 316876
Ion Ratio Lower Upper
168 100
99 62.7 46.6 69.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

Tgt Ion: 84 Resp: 20936
Ion Ratio Lower Upper
84 100
49 130.1 95.8 143.6
51 46.4 30.9 46.3#
86 59.3 50.3 75.5

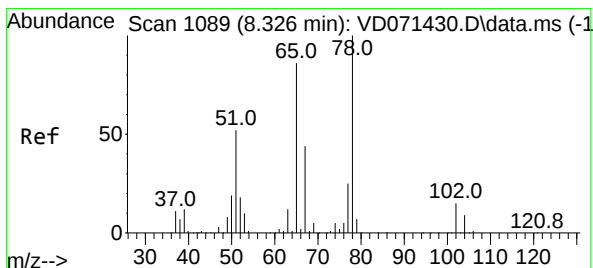
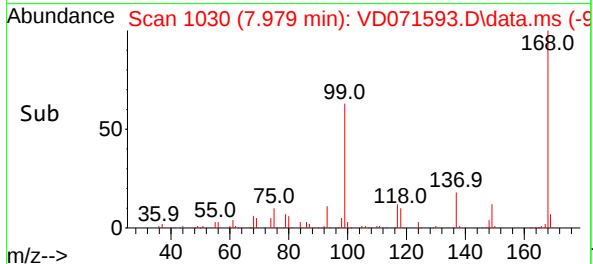
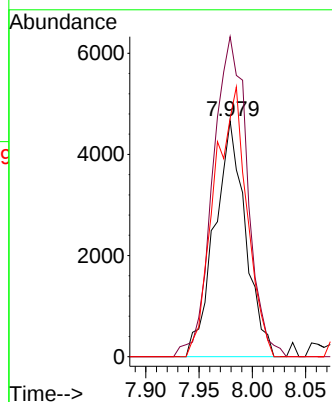
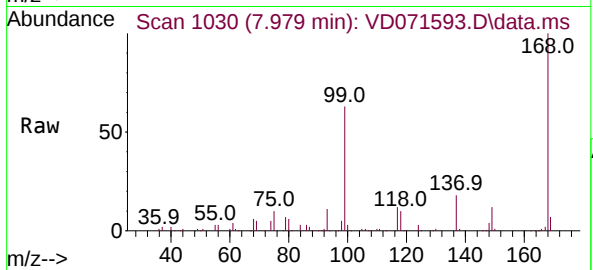




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

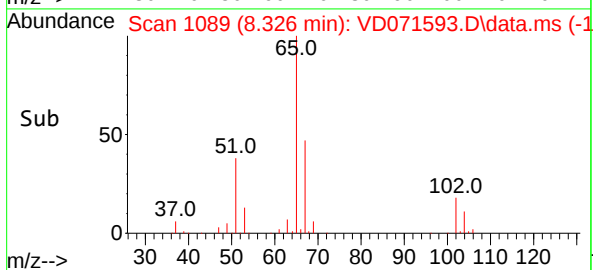
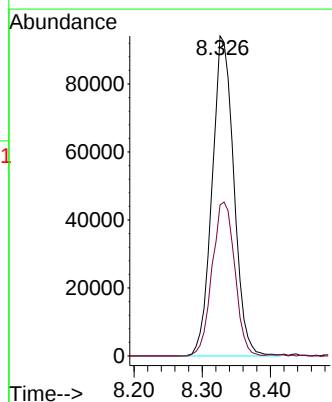
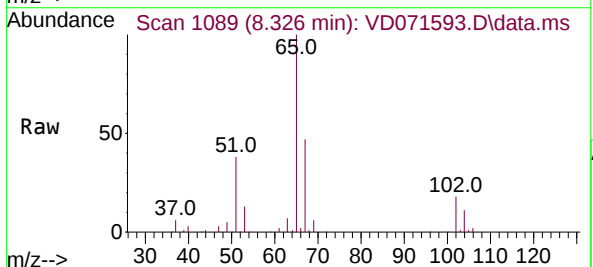
Instrument :
MSVOA_D
ClientSampleId :

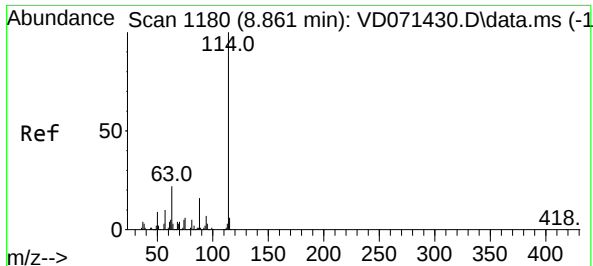
Tgt Ion: 56 Resp: 9373
Ion Ratio Lower Upper
56 100
69 132.1 25.9 38.9#
84 101.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 49.650 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

Tgt Ion: 65 Resp: 208946
Ion Ratio Lower Upper
65 100
67 50.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071593.D

Acq: 04 Jan 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

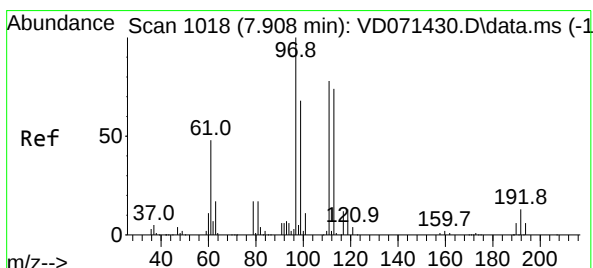
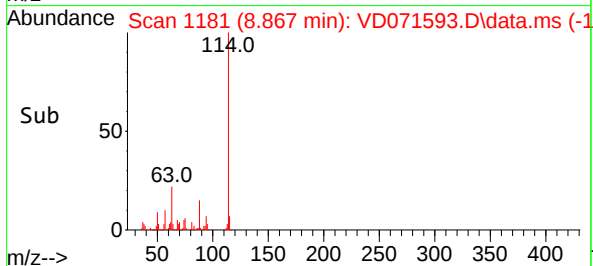
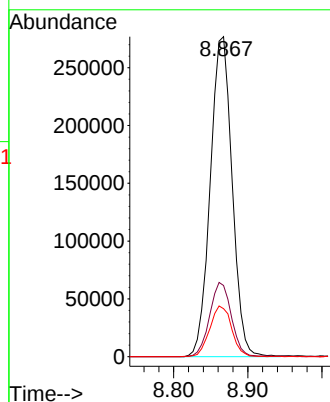
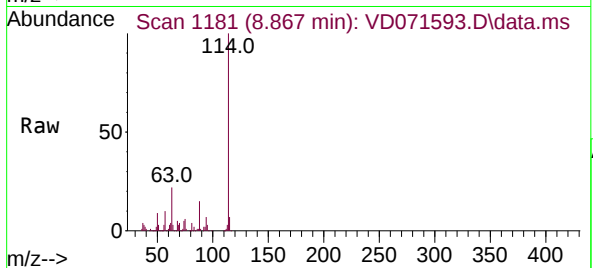
Tgt Ion:114 Resp: 567396

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.034 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071593.D

Acq: 04 Jan 2022 15:16

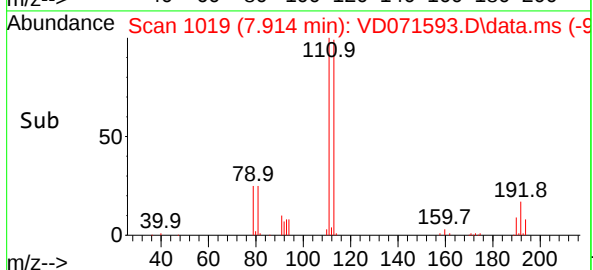
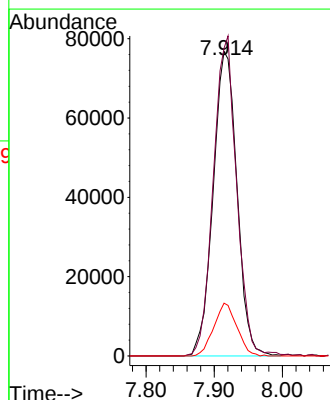
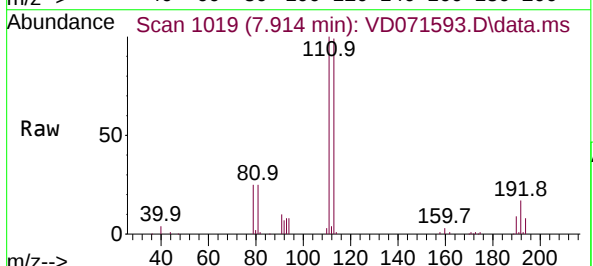
Tgt Ion:113 Resp: 186982

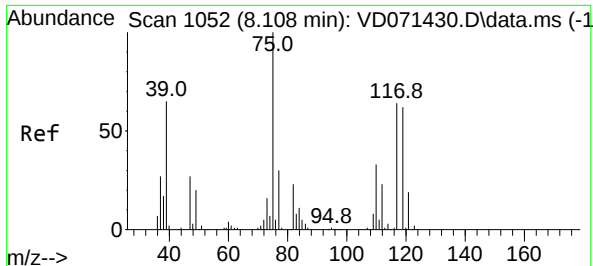
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 16.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.113 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071593.D

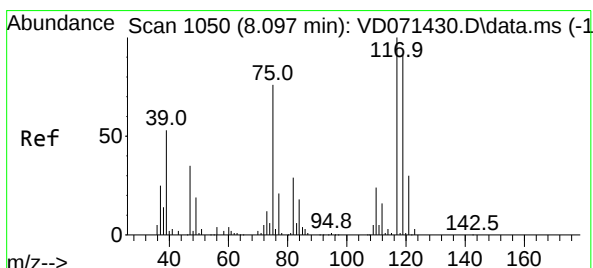
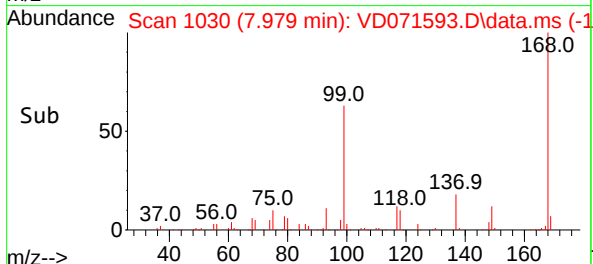
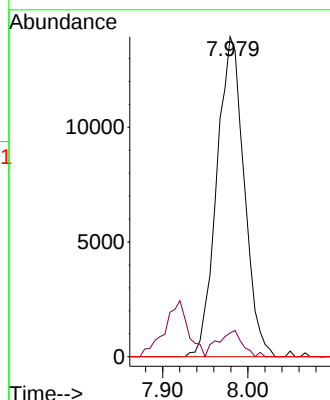
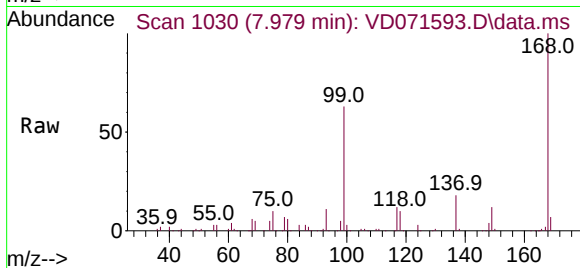
Acq: 04 Jan 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 31152
Ion Ratio	Lower Upper
75	100
110	7.3 17.8 53.4#
77	0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.028 ug/l

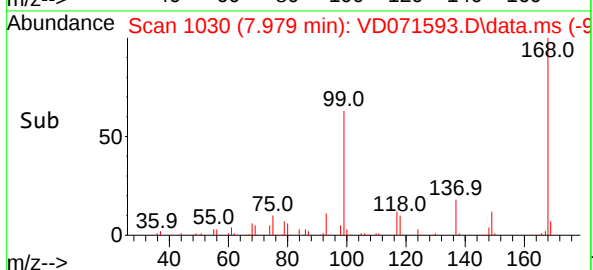
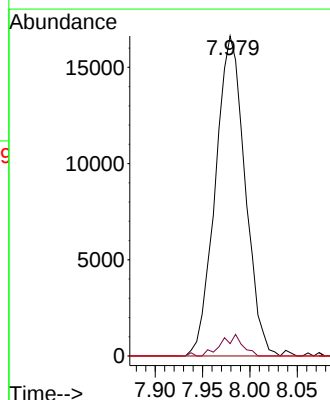
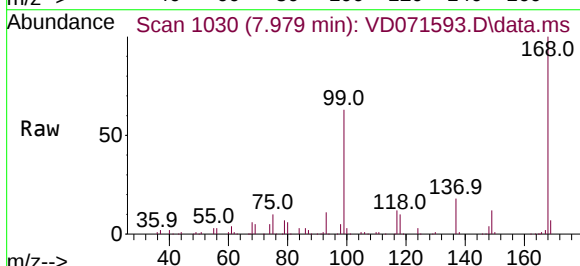
RT: 7.979 min Scan# 1030

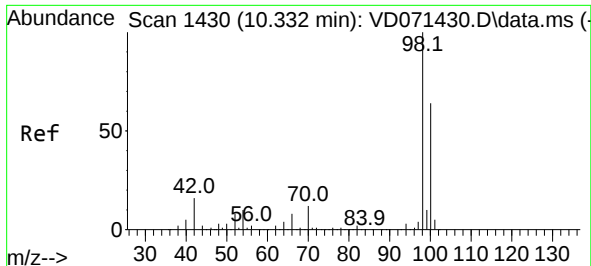
Delta R.T. -0.118 min

Lab File: VD071593.D

Acq: 04 Jan 2022 15:16

Tgt Ion: 117	Resp: 36234
Ion Ratio	Lower Upper
117	100
119	3.9 75.8 113.6#
121	0.0 23.6 35.4#

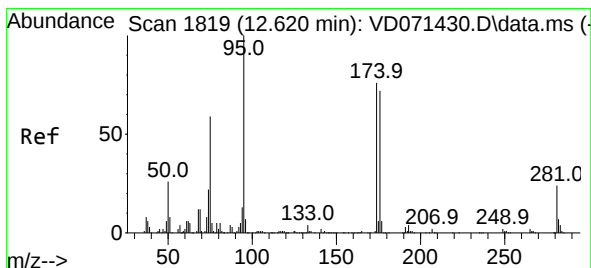
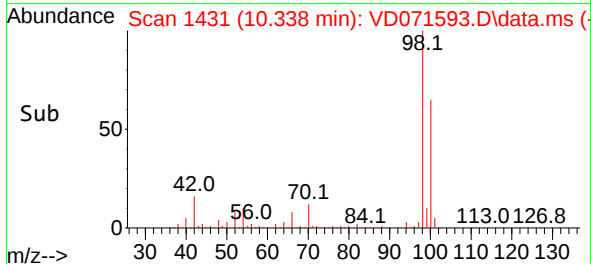
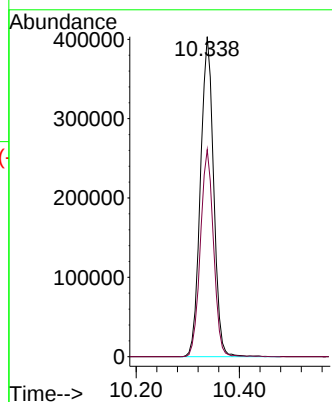
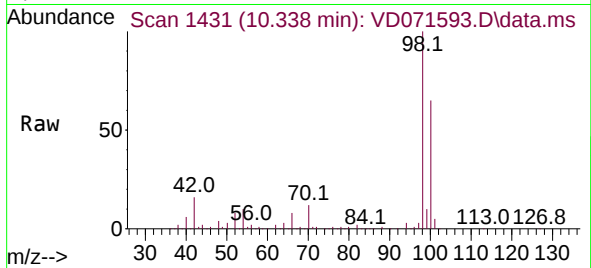




#50
Toluene-d8
Concen: 49.419 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

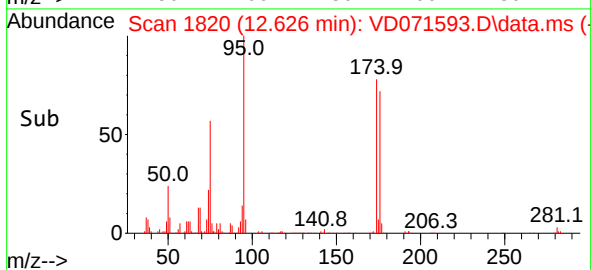
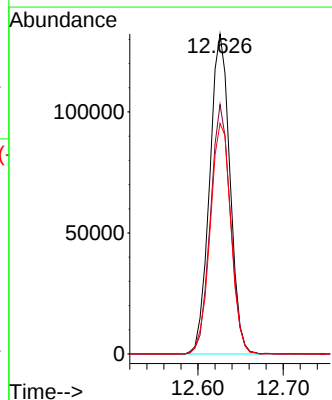
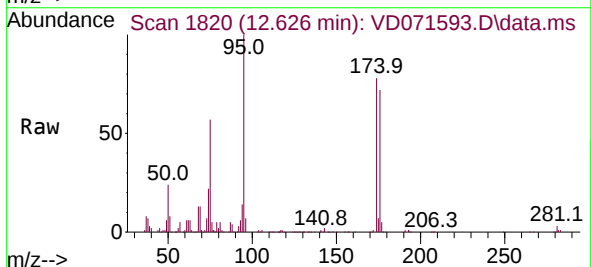
Instrument :
MSVOA_D
ClientSampleId :

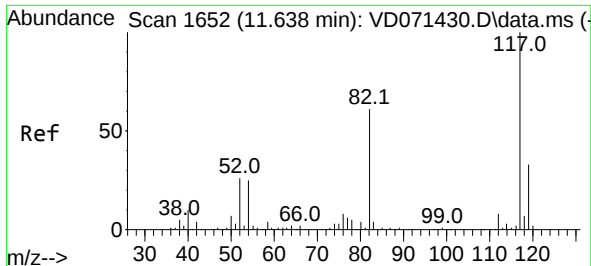
Tgt Ion: 98 Resp: 712161
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 42.692 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

Tgt Ion: 95 Resp: 218619
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 73.5 0.0 154.0

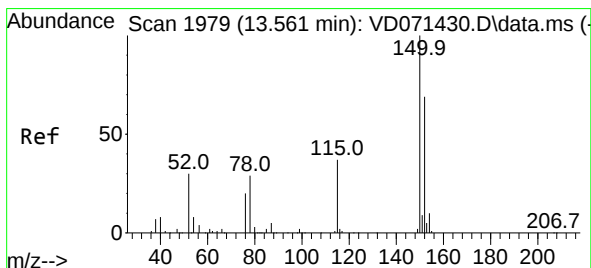
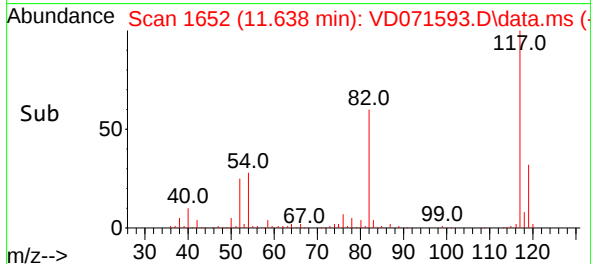
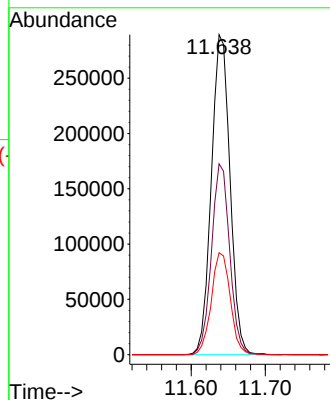
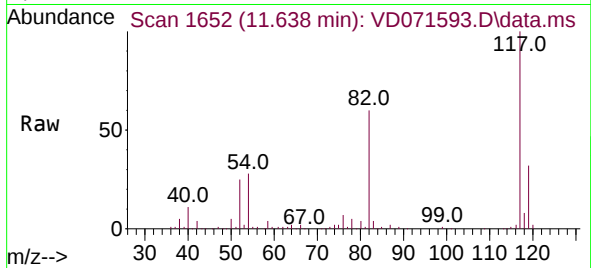




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

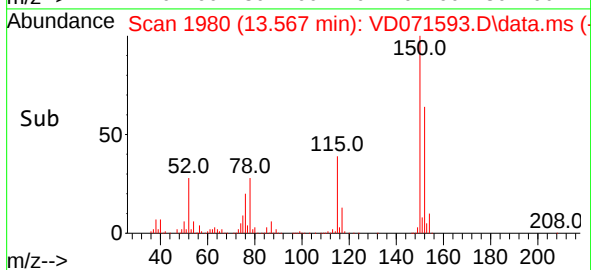
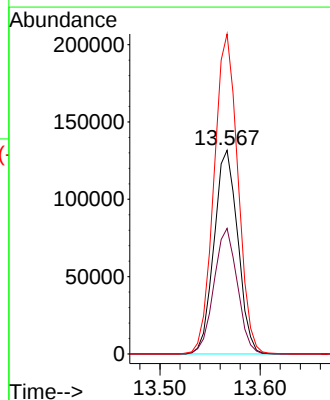
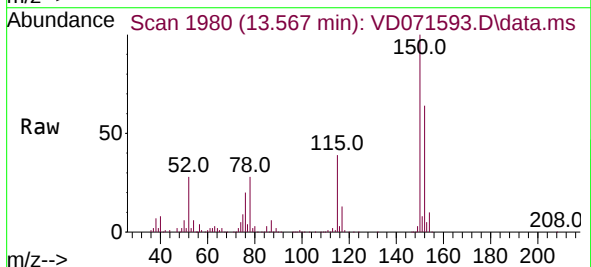
Instrument :
MSVOA_D
ClientSampleId :

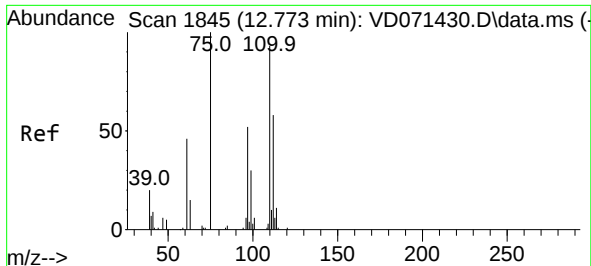
Tgt Ion:117 Resp: 505630
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

Tgt Ion:152 Resp: 215981
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 158.4 0.0 349.2

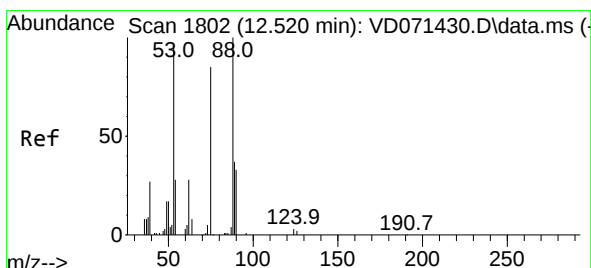
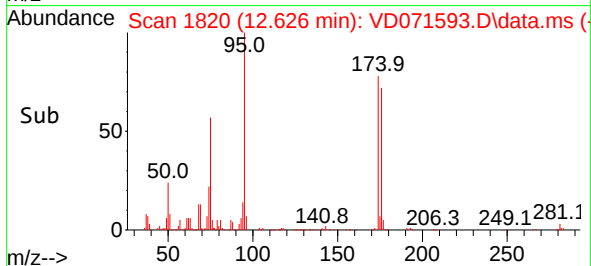
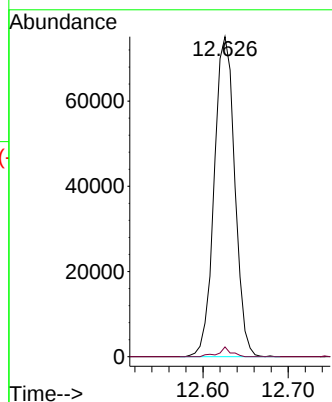
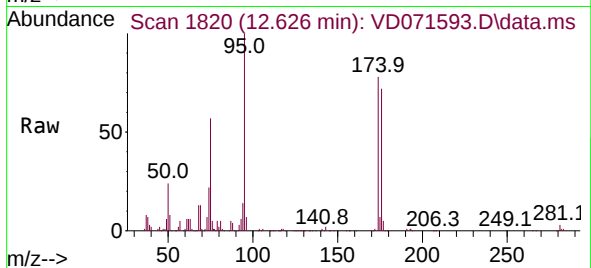




#76
1,2,3-Trichloropropane
Concen: 49.104 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 126013
Ion Ratio Lower Upper
75 100
77 1.9 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.745 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071593.D
Acq: 04 Jan 2022 15:16

Tgt Ion: 75 Resp: 126013
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 34.5 51.7#

