

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023993.D
 Acq On : 27 Aug 2021 15:33
 Operator : JC/MD
 Sample : M3561-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VE1-4

Quant Time: Aug 28 04:57:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

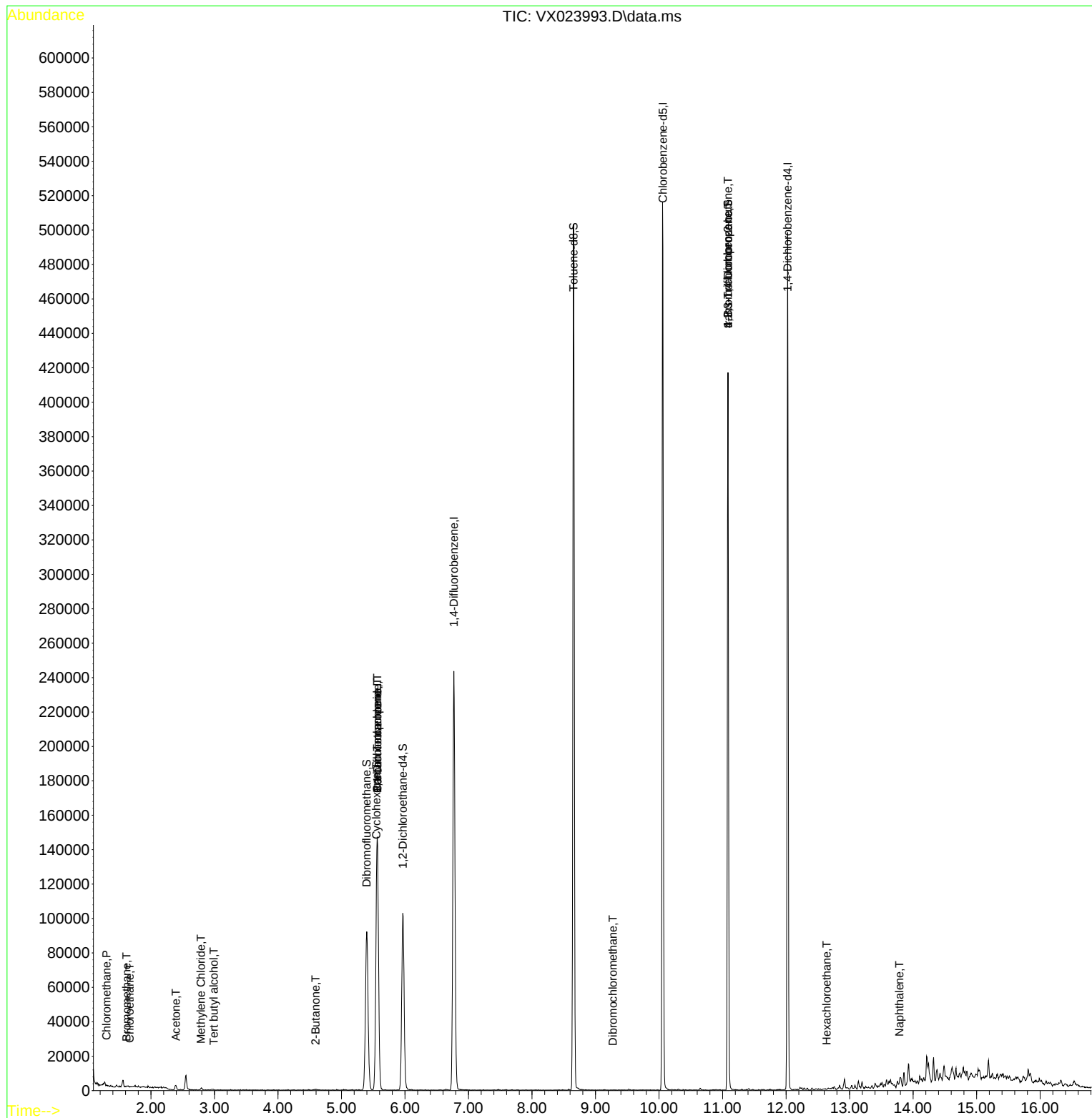
Internal Standards						
1) Pentafluorobenzene	5.562	168	135561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	224619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101895	53.856	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.720%			
35) Dibromofluoromethane	5.397	113	78281	50.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	8.653	98	289283	48.866	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.740%			
62) 4-Bromofluorobenzene	11.085	95	103179	47.346	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.700%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	445	0.283	ug/l	90
5) Bromomethane	1.617	94	392	0.407	ug/l #	76
6) Chloroethane	1.666	64	54	2.258	ug/l #	43
11) Tert butyl alcohol	2.989	59	543	1.419	ug/l #	73
16) Acetone	2.392	43	3094	3.657	ug/l #	74
20) Methylene Chloride	2.788	84	498	0.308	ug/l #	89
25) 2-Butanone	4.592	43	291	0.227	ug/l #	45
31) Cyclohexane	5.550	56	3547	1.459	ug/l #	53
36) 1,1-Dichloropropene	5.562	75	11379	5.229	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14662	6.461	ug/l #	16
60) Dibromochloromethane	9.275	129	23	1.700	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56372	24.988	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56372	73.503	ug/l #	12
90) Hexachloroethane	12.640	117	68	1.528	ug/l #	9
95) Naphthalene	13.786	128	752	1.386	ug/l #	86

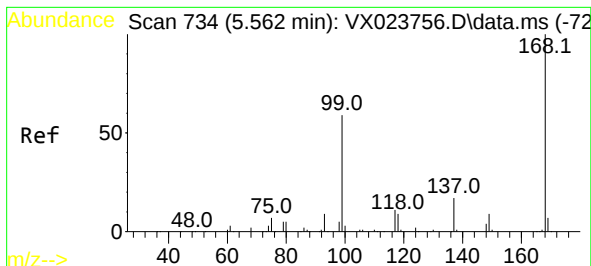
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.000 min

Lab File: VX023993.D

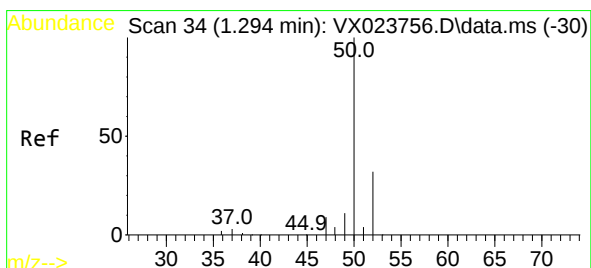
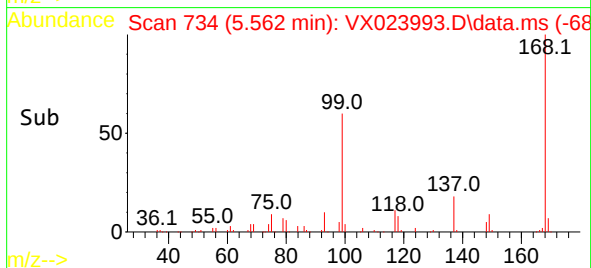
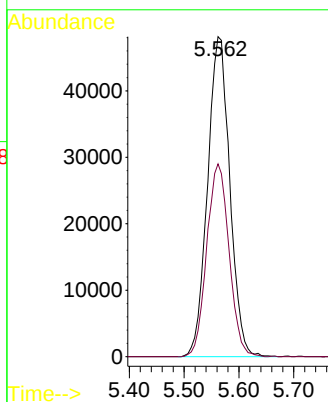
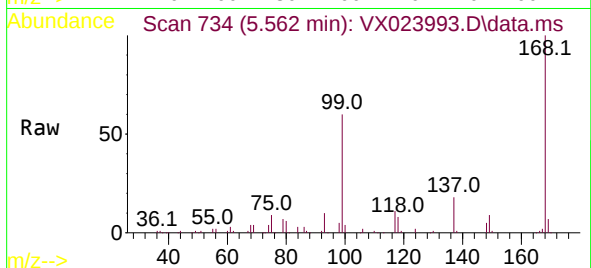
Acq: 27 Aug 2021 15:33

Tgt Ion:168 Resp: 135561

Ion Ratio Lower Upper

168 100

99 60.2 45.8 68.6



#3

Chloromethane

Concen: 0.283 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX023993.D

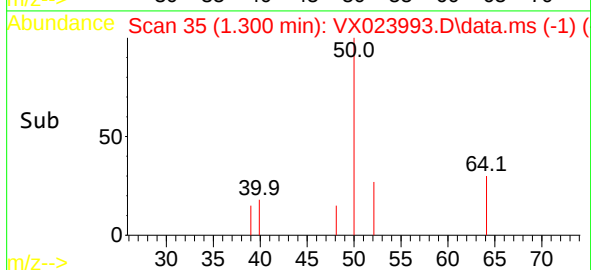
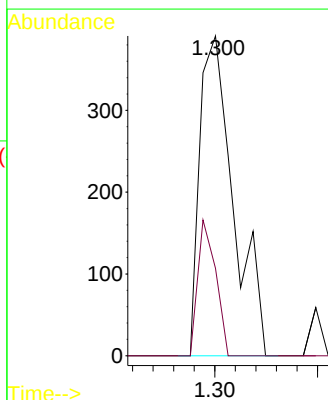
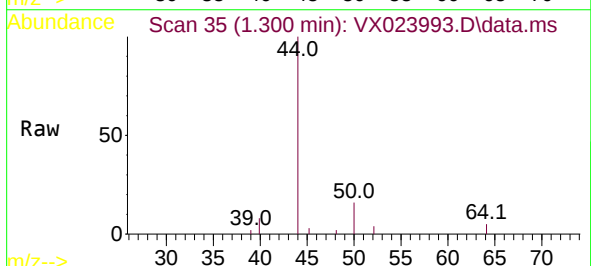
Acq: 27 Aug 2021 15:33

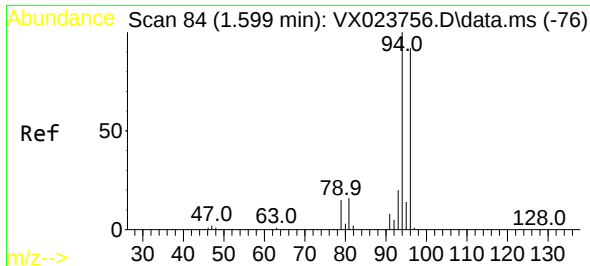
Tgt Ion: 50 Resp: 445

Ion Ratio Lower Upper

50 100

52 27.4 26.4 39.6

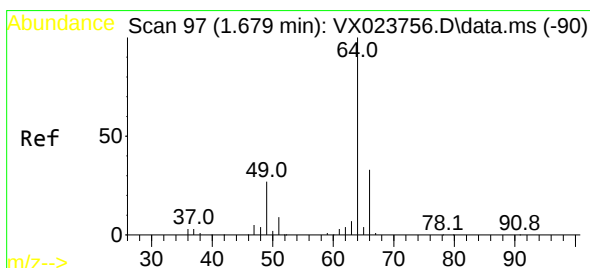
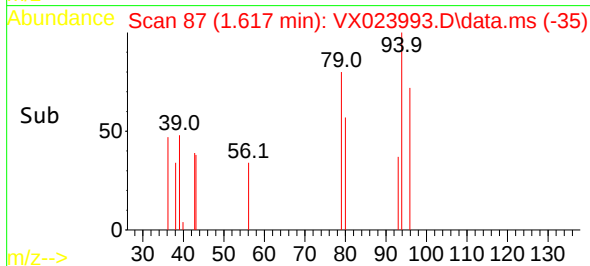
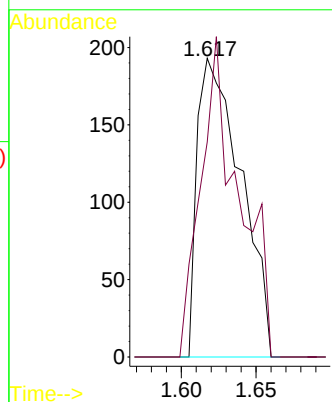
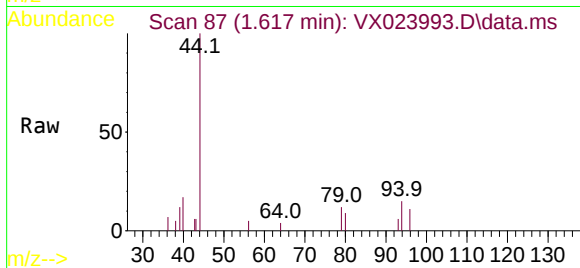




#5
Bromomethane
Concen: 0.407 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

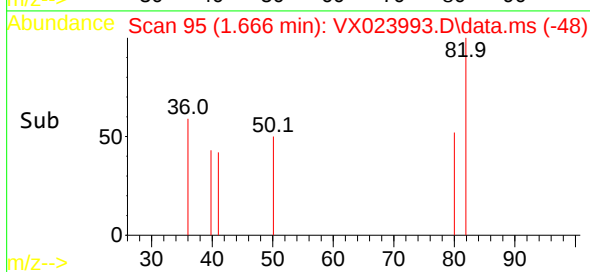
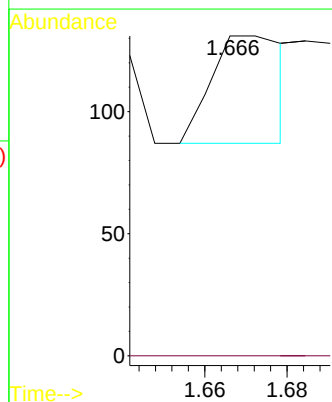
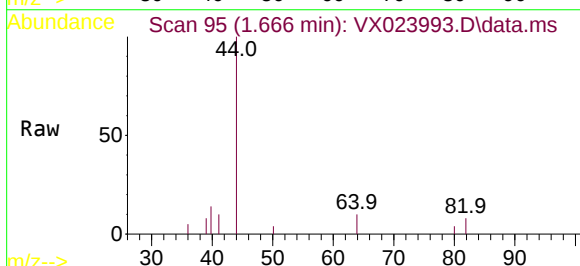
Instrument :
MSVOA_X
ClientSampled :
VE1-4

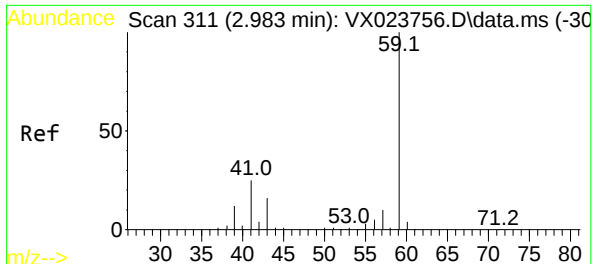
Tgt Ion: 94 Resp: 392
Ion Ratio Lower Upper
94 100
96 72.0 76.4 114.6#



#6
Chloroethane
Concen: 2.258 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



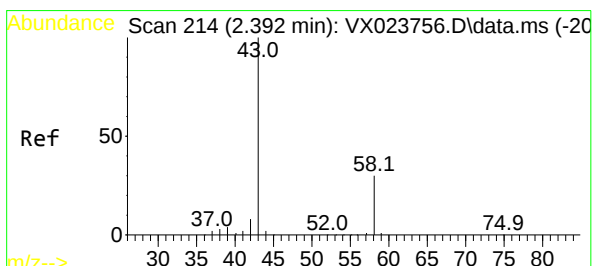
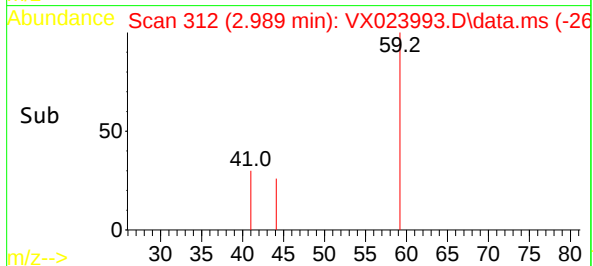
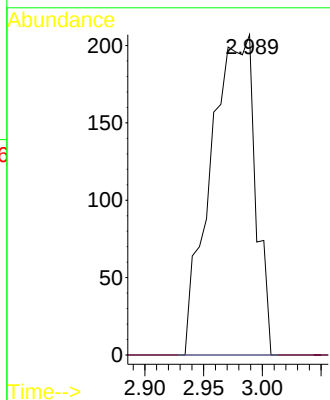
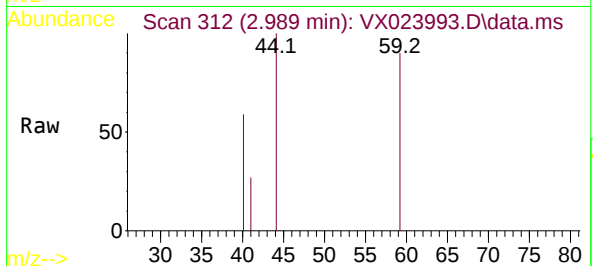


#11

Tert butyl alcohol
Concen: 1.419 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Instrument :
MSVOA_X
ClientSampled :
VE1-4

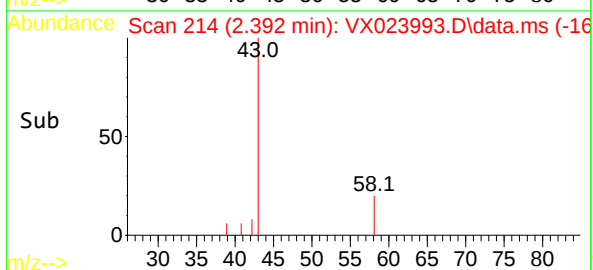
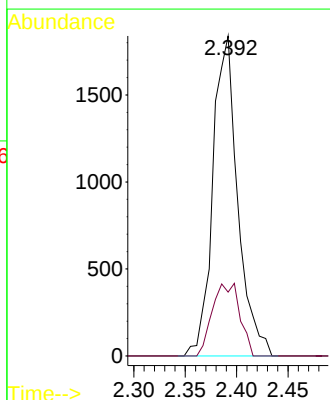
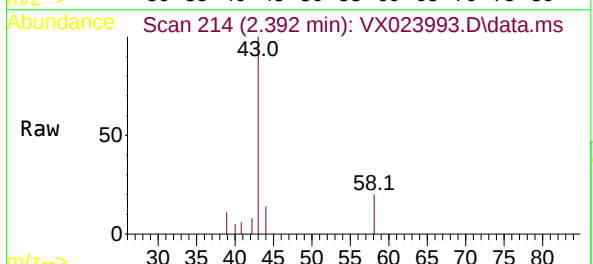
Tgt Ion: 59 Resp: 543
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

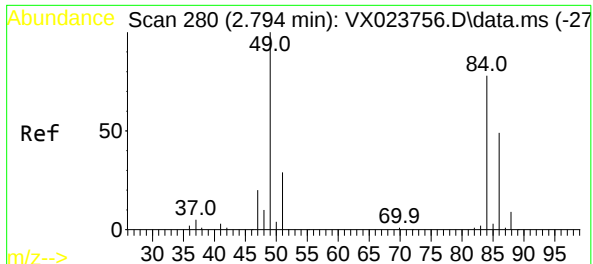


#16

Acetone
Concen: 3.657 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 43 Resp: 3094
Ion Ratio Lower Upper
43 100
58 20.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.308 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023993.D

Acq: 27 Aug 2021 15:33

Instrument :

MSVOA_X

ClientSampled :

VE1-4

Tgt Ion: 84 Resp: 498

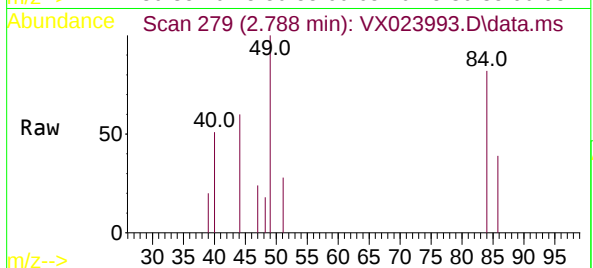
Ion Ratio Lower Upper

84 100

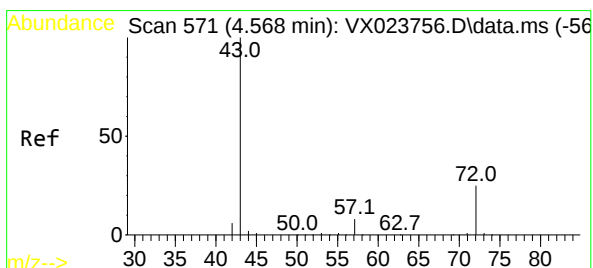
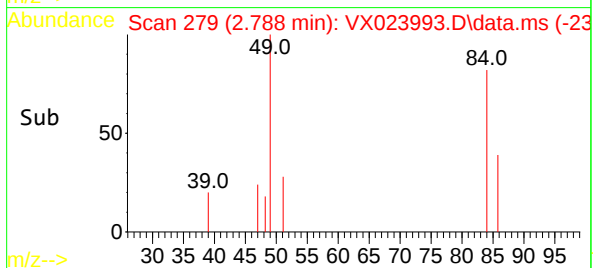
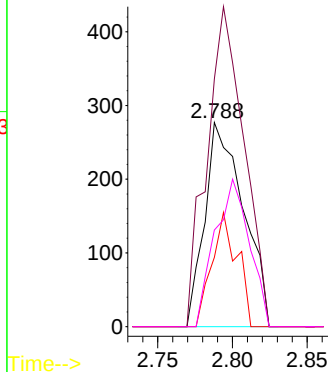
49 121.3 88.6 132.8

51 33.9 27.0 40.6

86 47.3 50.3 75.5#



Abundance



#25

2-Butanone

Concen: 0.227 ug/l

RT: 4.592 min Scan# 575

Delta R.T. 0.024 min

Lab File: VX023993.D

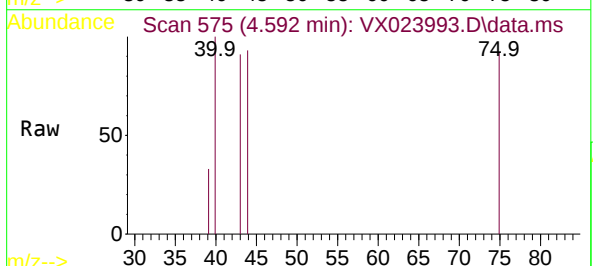
Acq: 27 Aug 2021 15:33

Tgt Ion: 43 Resp: 291

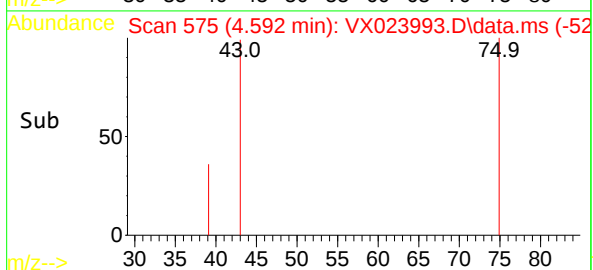
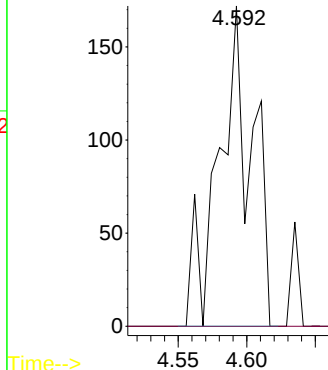
Ion Ratio Lower Upper

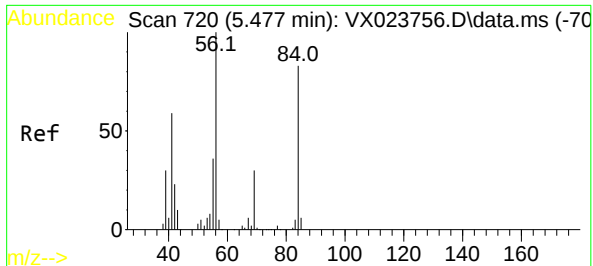
43 100

72 0.0 23.7 35.5#



Abundance

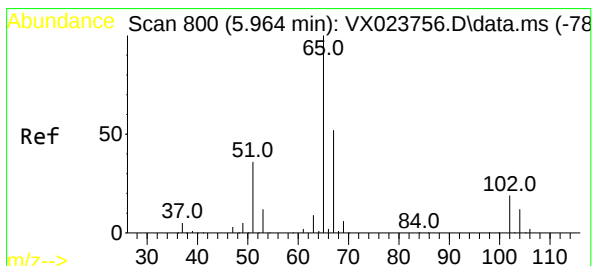
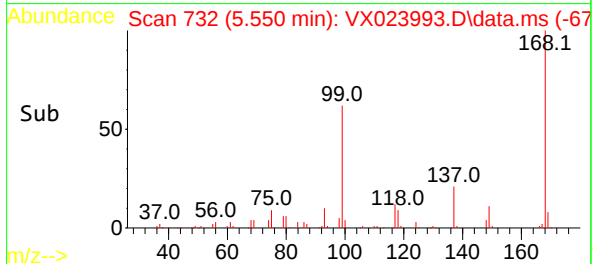
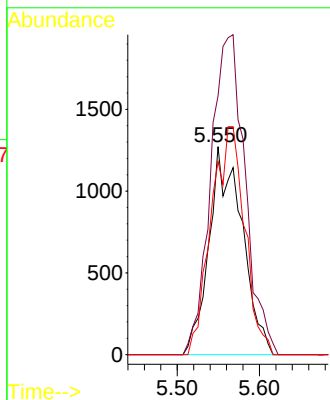
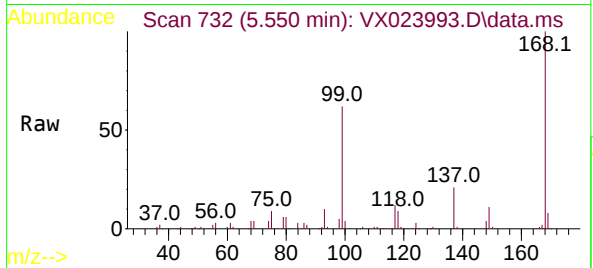




#31
Cyclohexane
Concen: 1.459 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

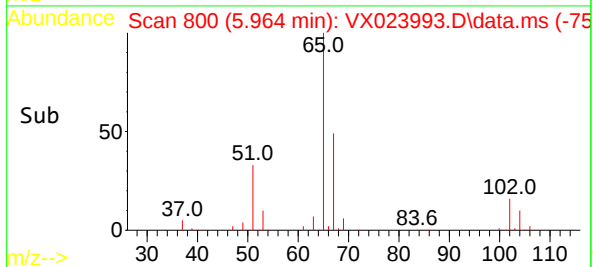
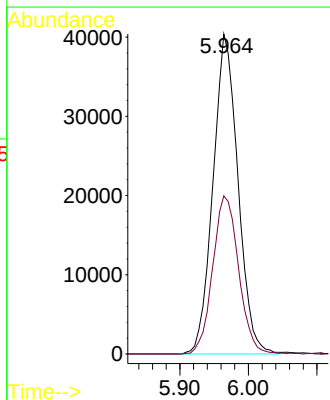
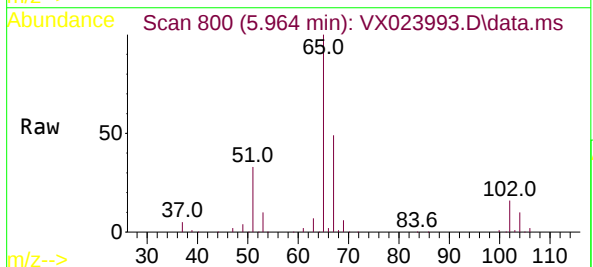
Instrument :
MSVOA_X
ClientSampled :
VE1-4

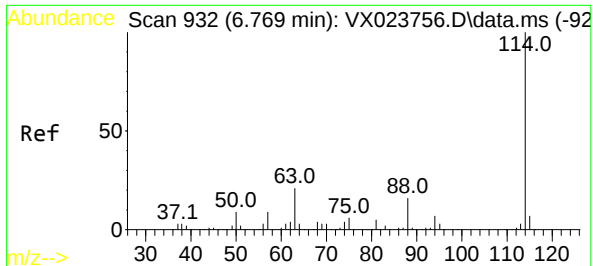
Tgt Ion: 56 Resp: 3547
Ion Ratio Lower Upper
56 100
69 124.4 25.3 37.9#
84 92.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.856 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 65 Resp: 101895
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

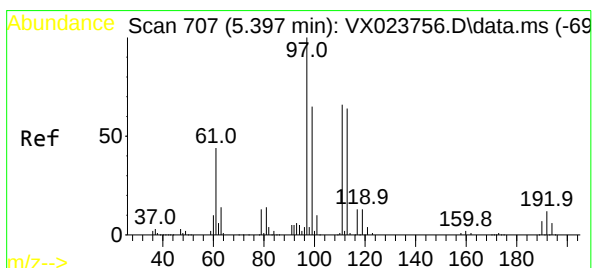
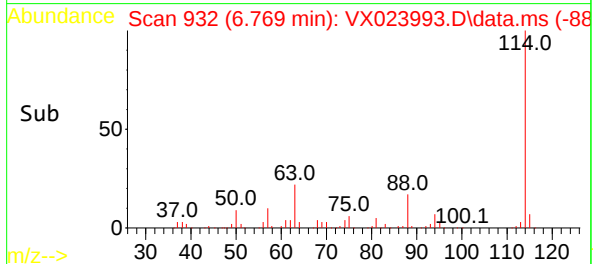
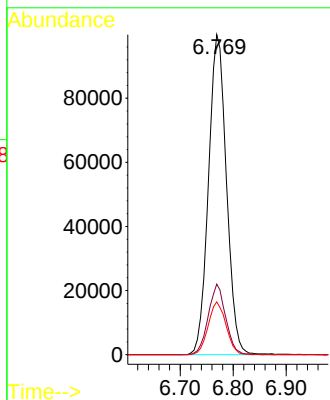
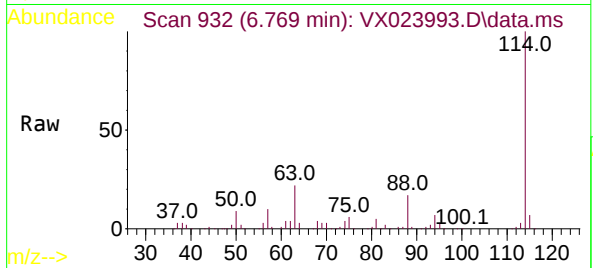




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

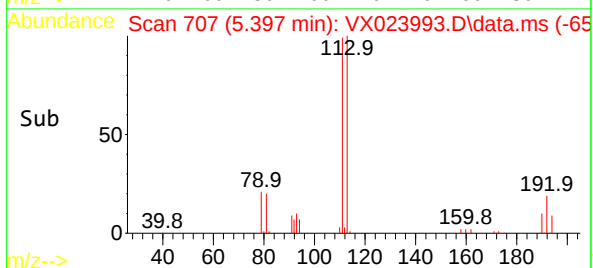
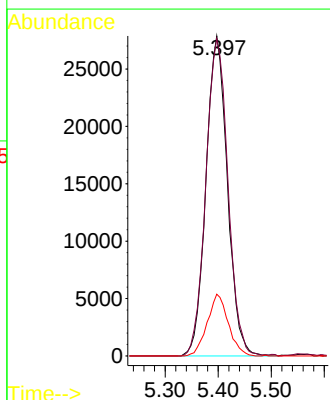
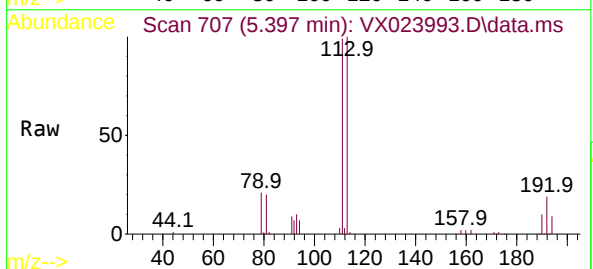
Instrument :
MSVOA_X
ClientSampleId :
VE1-4

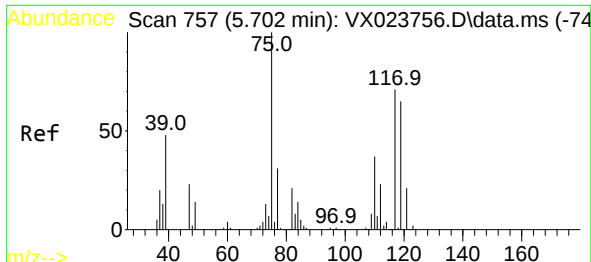
Tgt Ion:114 Resp: 234998
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.329 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion:113 Resp: 78281
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.0 16.7 25.1

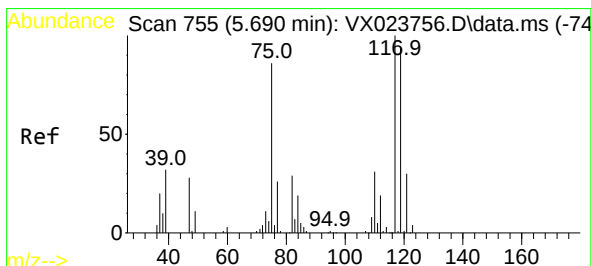
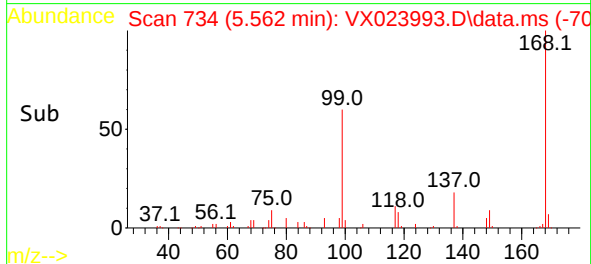
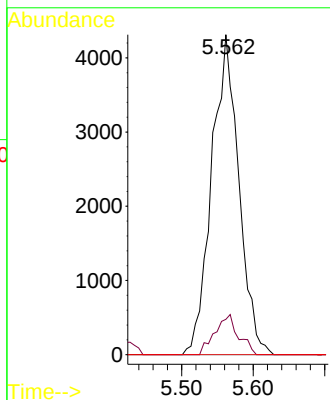
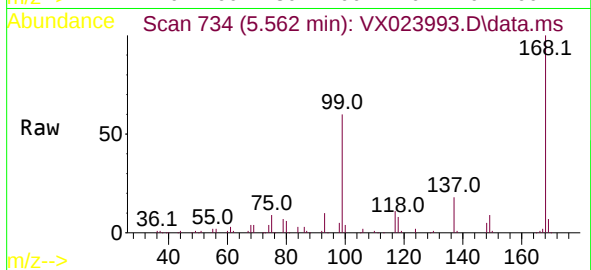




#36
1,1-Dichloropropene
Concen: 5.229 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

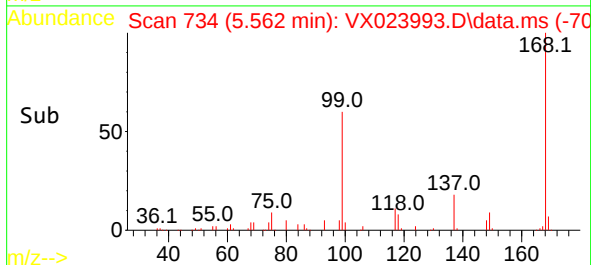
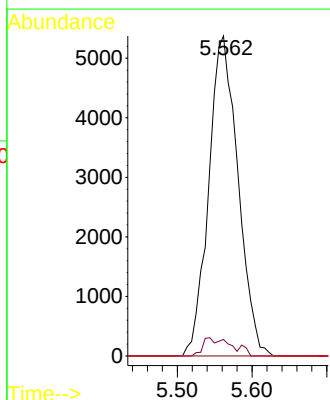
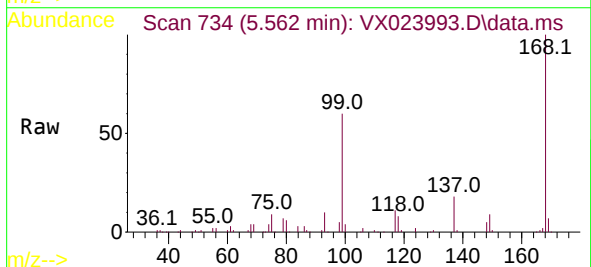
Instrument :
MSVOA_X
ClientSampled :
VE1-4

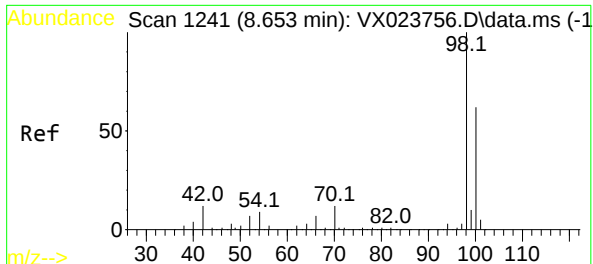
Tgt Ion: 75 Resp: 11379
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.461 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 117 Resp: 14662
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

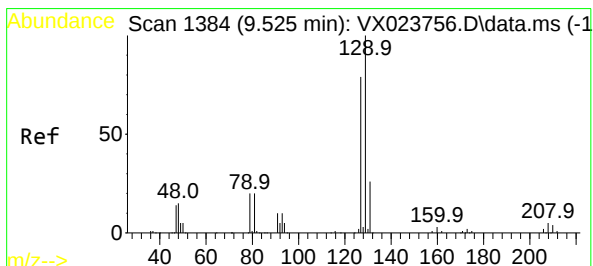
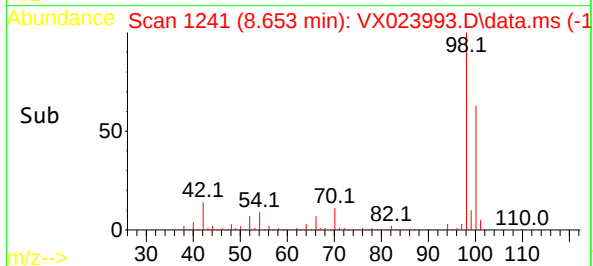
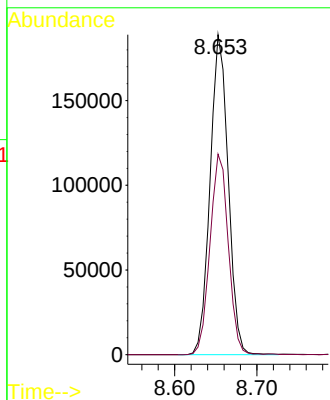
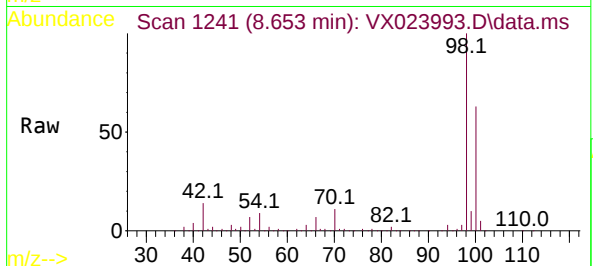




#50
Toluene-d8
Concen: 48.866 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

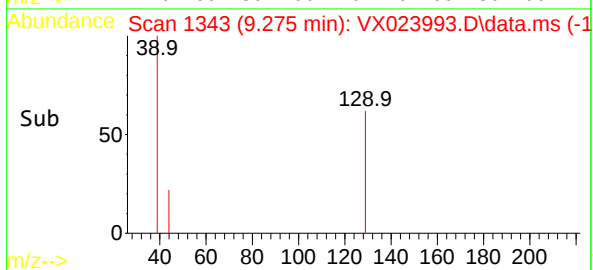
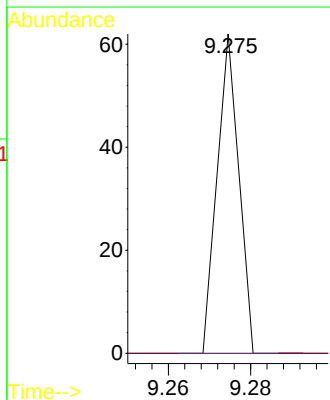
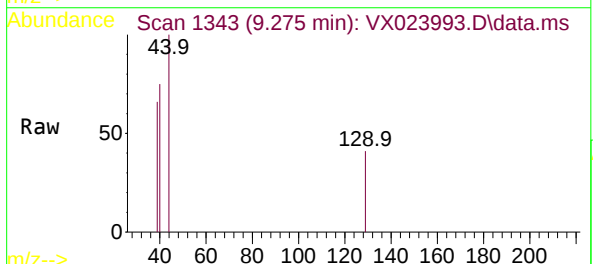
Instrument :
MSVOA_X
ClientSampled :
VE1-4

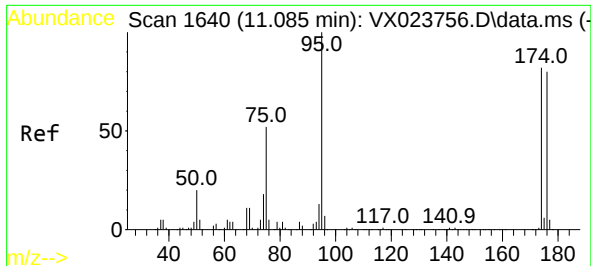
Tgt Ion: 98 Resp: 289283
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#60
Dibromochloromethane
Concen: 1.700 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

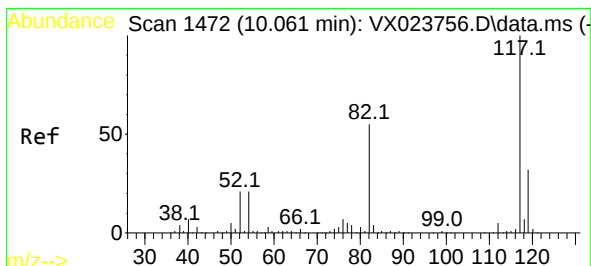
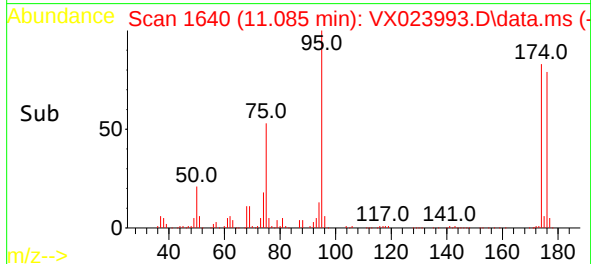
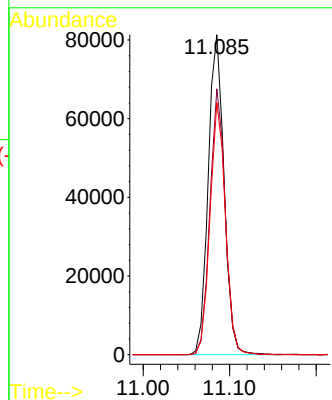
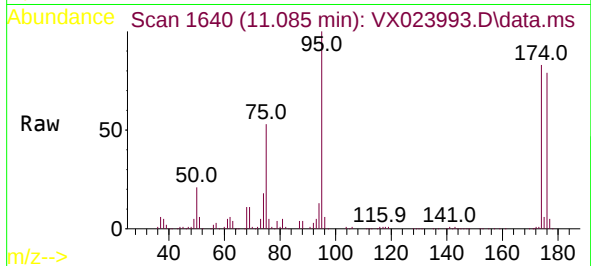




#62
4-Bromofluorobenzene
Concen: 47.346 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

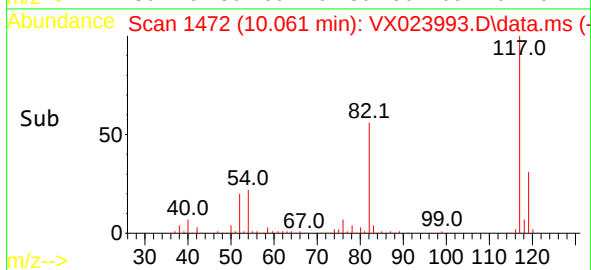
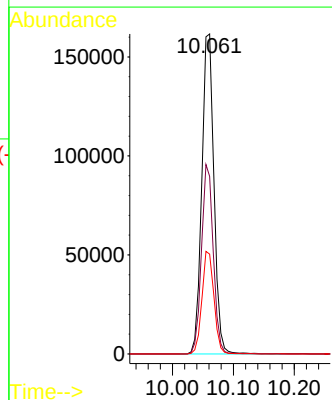
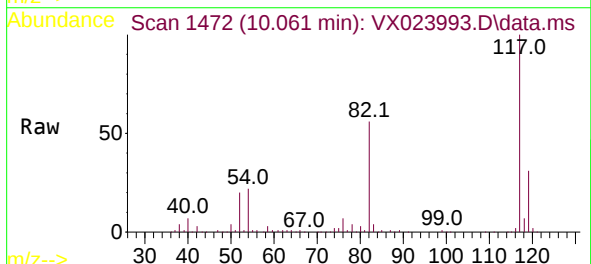
Instrument :
MSVOA_X
ClientSampled :
VE1-4

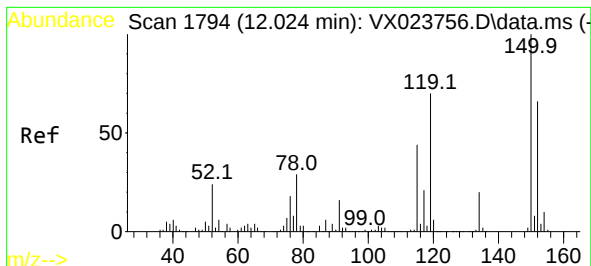
Tgt Ion: 95 Resp: 103179
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 76.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 117 Resp: 224619
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.2 26.6 39.8

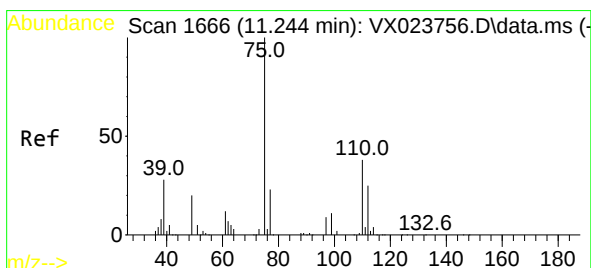
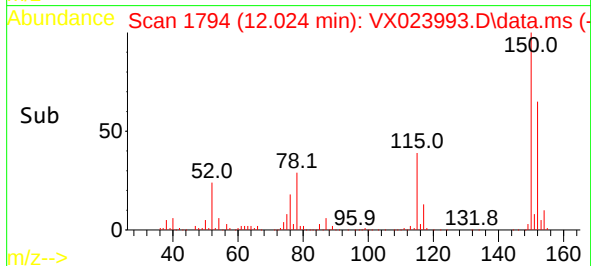
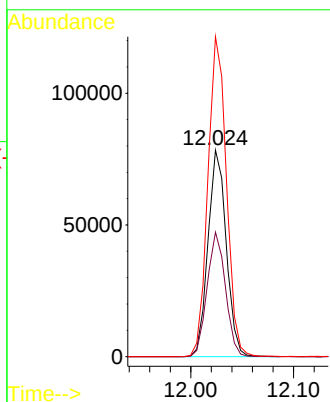
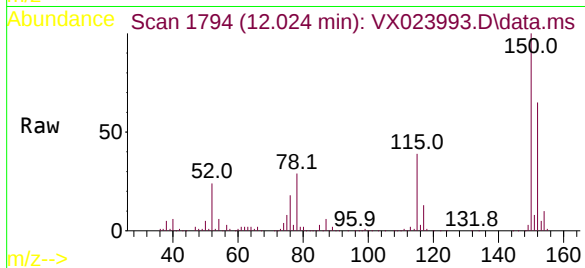




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

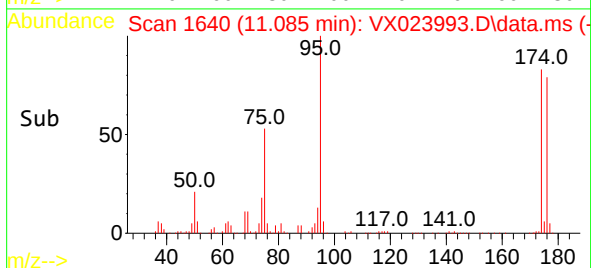
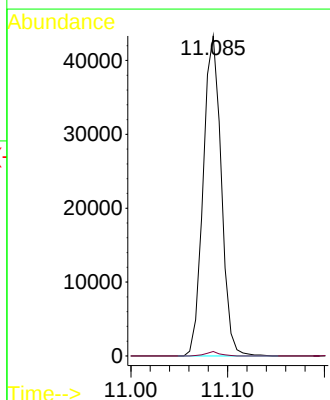
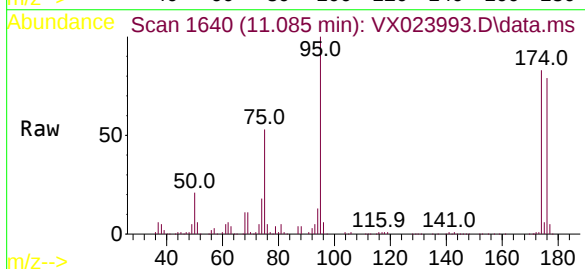
Instrument :
MSVOA_X
ClientSampled :
VE1-4

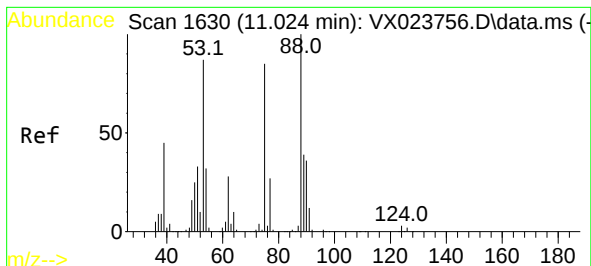
Tgt Ion:152 Resp: 96709
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 157.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.988 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 75 Resp: 56372
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

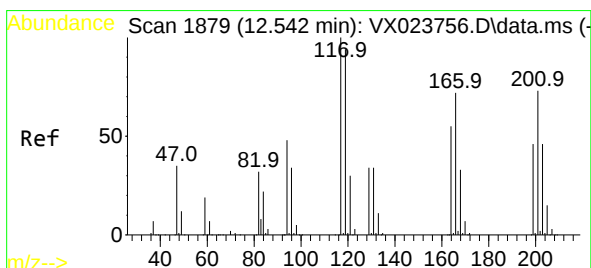
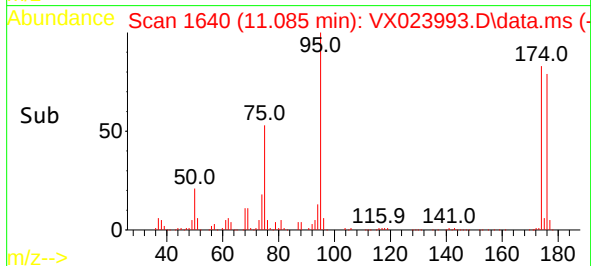
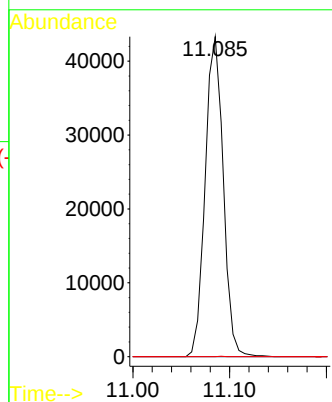
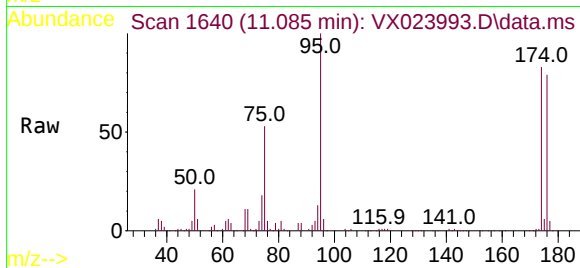




#81
trans-1,4-Dichloro-2-butene
Concen: 73.503 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

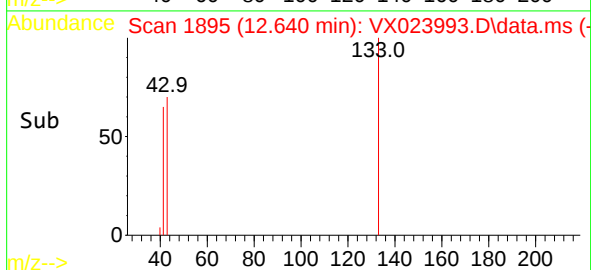
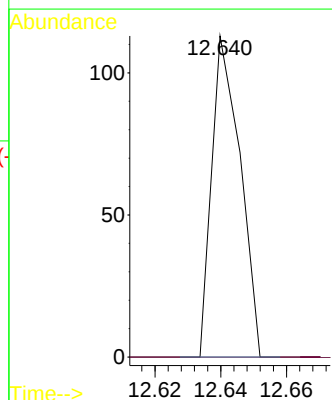
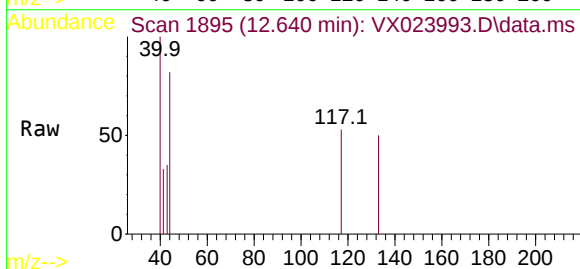
Instrument :
MSVOA_X
ClientSampled :
VE1-4

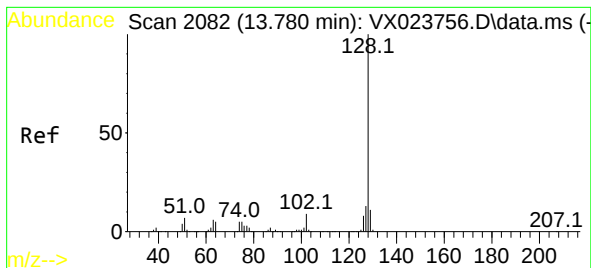
Tgt Ion: 75 Resp: 56372
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.528 ug/l
RT: 12.640 min Scan# 1895
Delta R.T. 0.098 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Tgt Ion: 117 Resp: 68
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.386 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023993.D
Acq: 27 Aug 2021 15:33

Instrument :
MSVOA_X
ClientSampleId :
VE1-4

Tgt Ion:128 Resp: 752
Ion Ratio Lower Upper
128 100
127 3.5 10.3 15.5#
129 10.0 8.8 13.2

