

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101621\
 Data File : VX024836.D
 Acq On : 15 Oct 2021 18:31
 Operator : JC/MD
 Sample : M4251-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 01:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

Compound	R.T.	T.Q	Ion	Response	Conc	Units	Dev(Min)

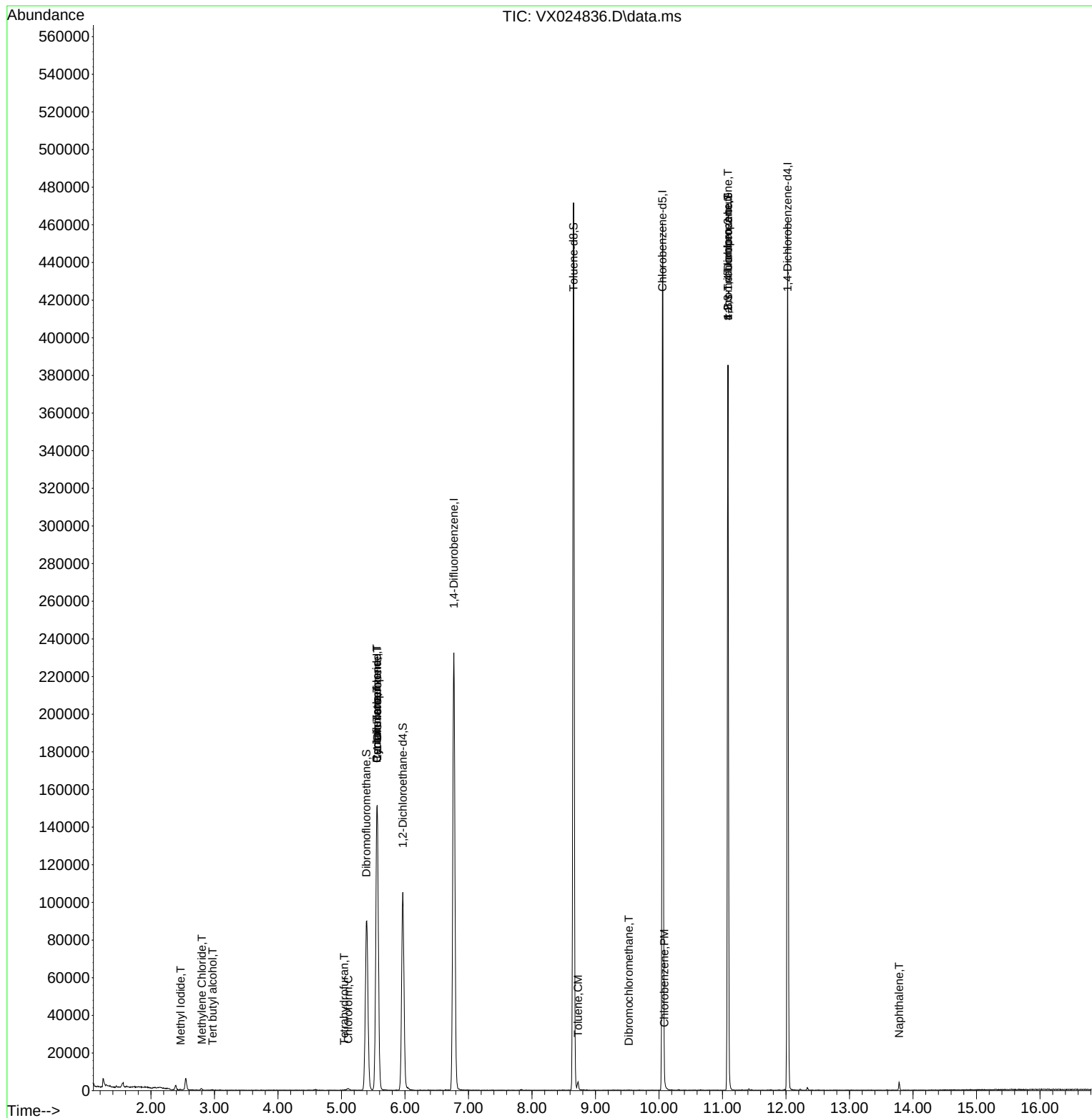
Internal Standards							
1) Pentafluorobenzene	5.556	168		145131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114		236928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		216158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		95847	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65		104988	58.857	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.720%	#
35) Dibromofluoromethane	5.391	113		78557	55.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.400%	
50) Toluene-d8	8.653	98		285693	54.758	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.520%	
62) 4-Bromofluorobenzene	11.085	95		98345	47.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%	
Target Compounds							
							Qvalue
5) Bromomethane	1.618	94		309	Below Cal		86
10) Methyl Iodide	2.465	142		489	1.188 ug/l	#	85
11) Tert butyl alcohol	2.971	59		184	0.489 ug/l	#	72
16) Acetone	2.386	43		2726	Below Cal	#	87
20) Methylene Chloride	2.800	84		369	0.244 ug/l	#	62
29) Tetrahydrofuran	5.044	42		257	0.319 ug/l	#	32
30) Chloroform	5.105	83		1237	0.433 ug/l	#	81
31) Cyclohexane	5.556	56		2976	1.252 ug/l	#	1
36) 1,1-Dichloropropene	5.562	75		10739	5.121 ug/l	#	51
38) Carbon Tetrachloride	5.556	117		14751	6.279 ug/l	#	16
52) Toluene	8.726	92		1397	0.358 ug/l		94
59) 2-Hexanone	9.439	43		53	Below Cal	#	25
60) Dibromochloromethane	9.525	129		102	0.841 ug/l		94
65) Chlorobenzene	10.086	112		1062	0.251 ug/l	#	76
70) Styrene	10.665	104		62	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.085	75		51038	25.524 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.085	75		51038	68.751 ug/l	#	9
95) Naphthalene	13.780	128		2747	0.659 ug/l		99

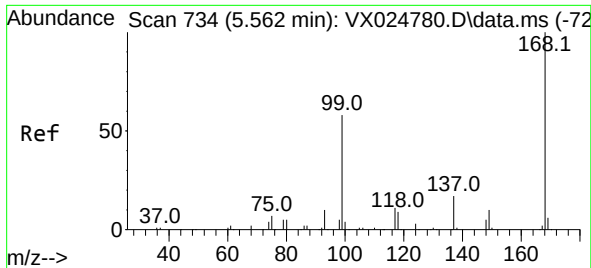
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 01:44:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 03:51:38 2021
Response via : Initial Calibration

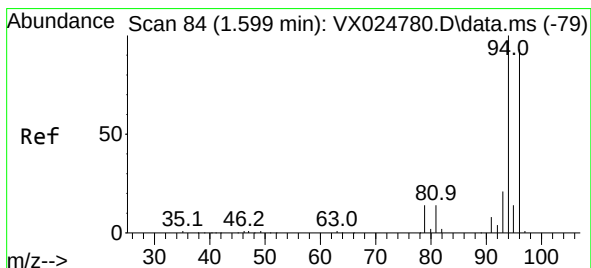
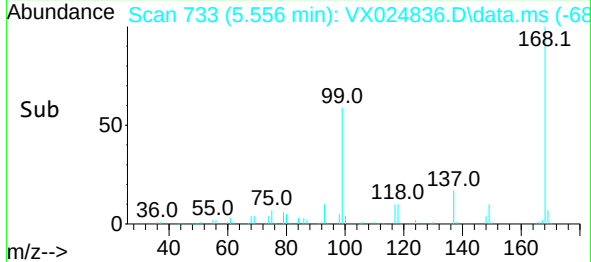
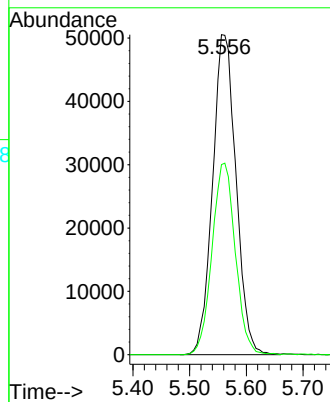
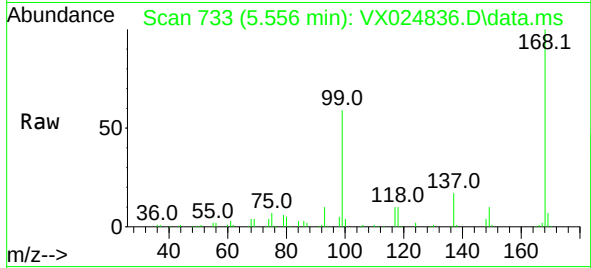




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

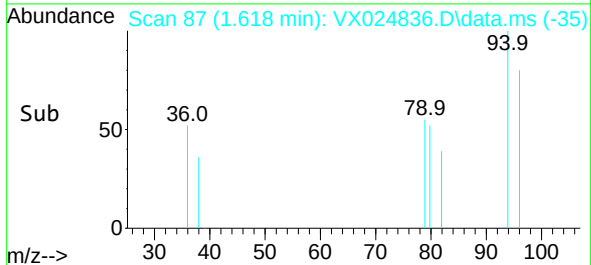
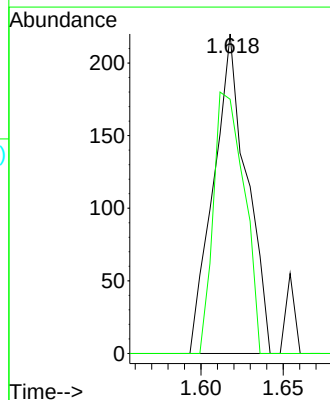
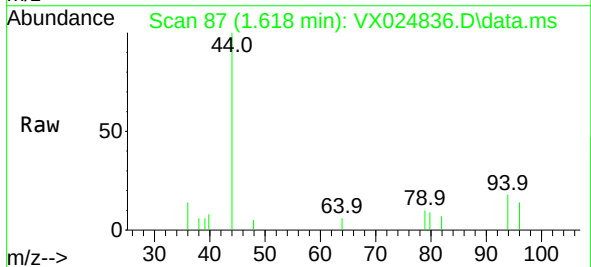
Instrument :
MSVOA_X
ClientSampled :

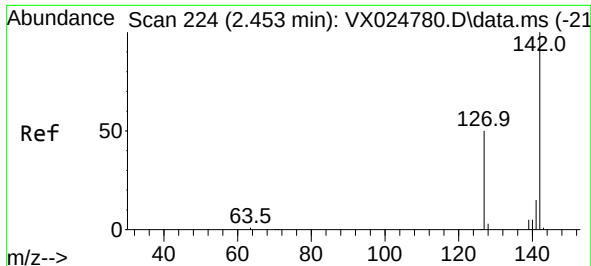
Tgt Ion:168 Resp: 145131
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 79.5 74.8 112.2

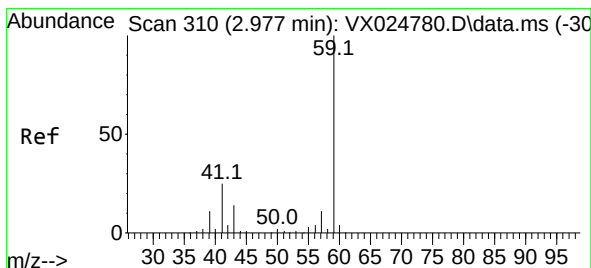
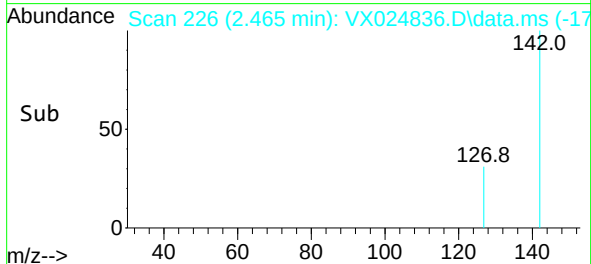
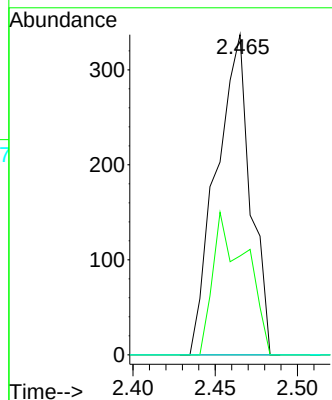
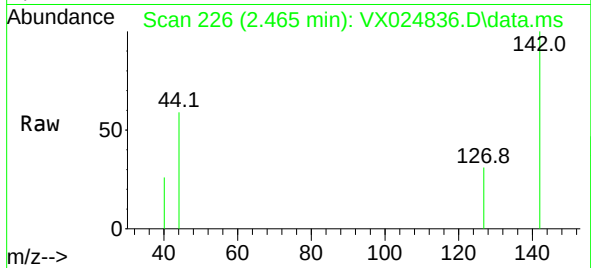




#10
Methyl Iodide
Concen: 1.188 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

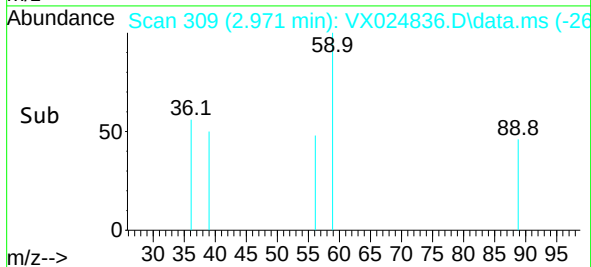
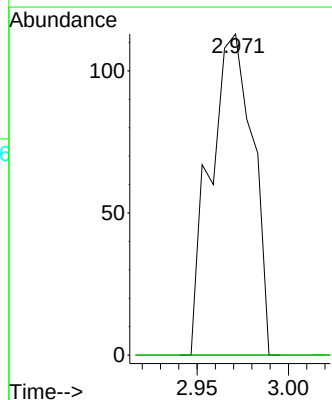
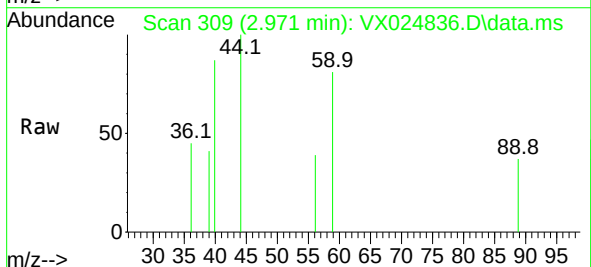
Instrument :
MSVOA_X
ClientSampled :

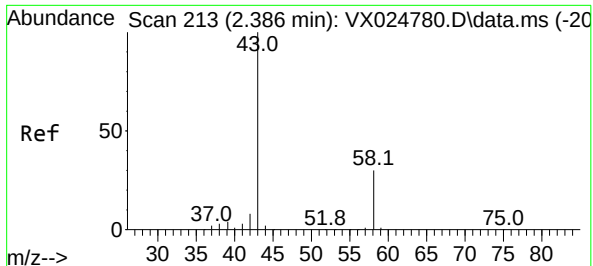
Tgt Ion:142 Resp: 489
Ion Ratio Lower Upper
142 100
127 42.9 38.9 58.3
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.489 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

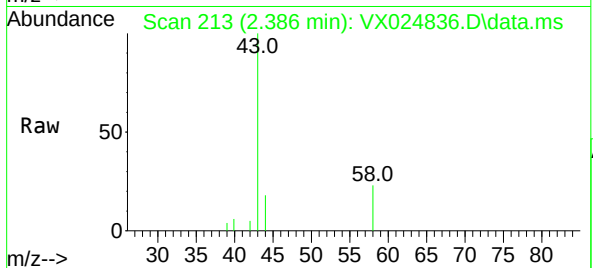
Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



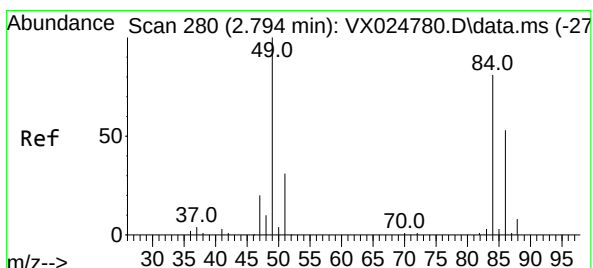
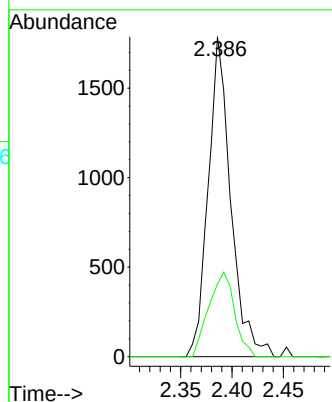
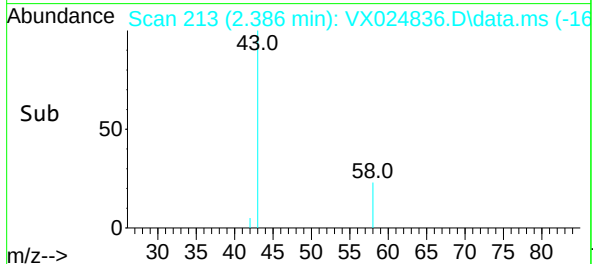


#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

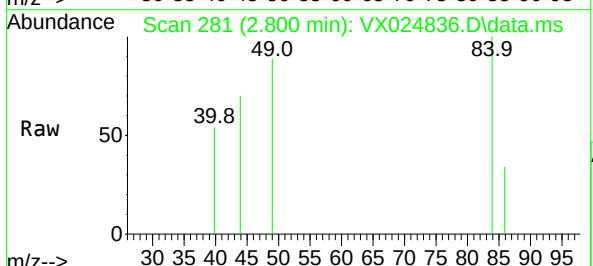
Instrument :
MSVOA_X
ClientSampled :



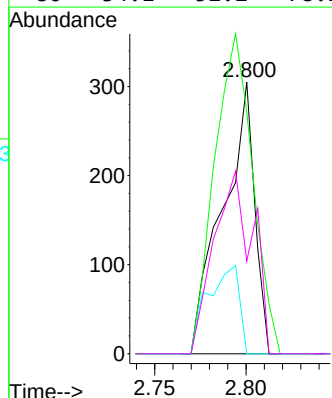
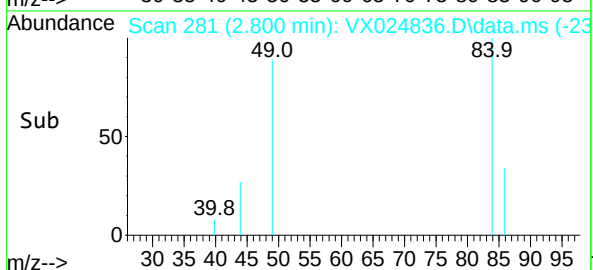
Tgt Ion: 43 Resp: 2726
Ion Ratio Lower Upper
43 100
58 22.7 24.0 36.0#

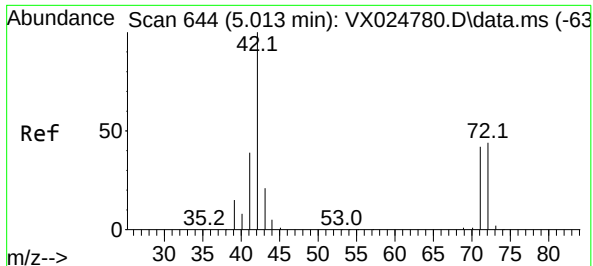


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31



Tgt Ion: 84 Resp: 369
Ion Ratio Lower Upper
84 100
49 89.2 98.2 147.2#
51 0.0 30.2 45.4#
86 34.1 52.2 78.2#





#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX024836.D

Acq: 15 Oct 2021 18:31

Tgt Ion: 42 Resp: 257

Ion Ratio Lower Upper

42 100

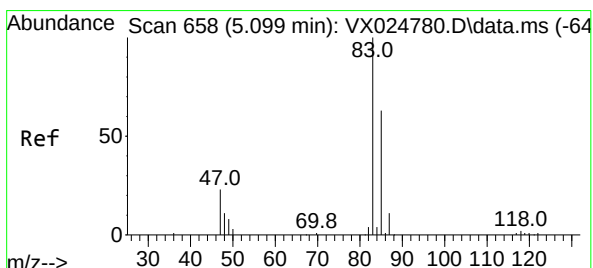
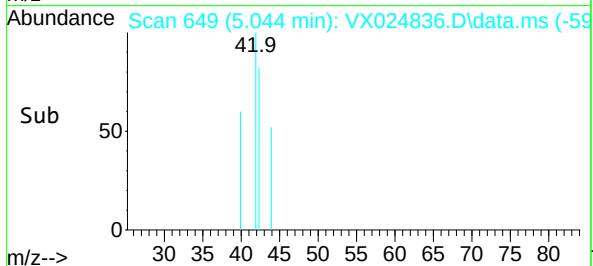
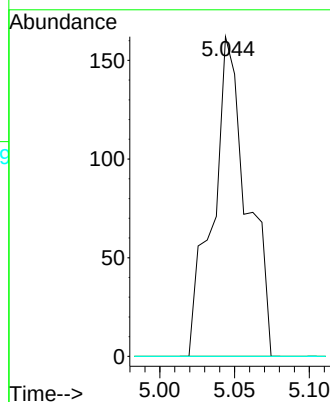
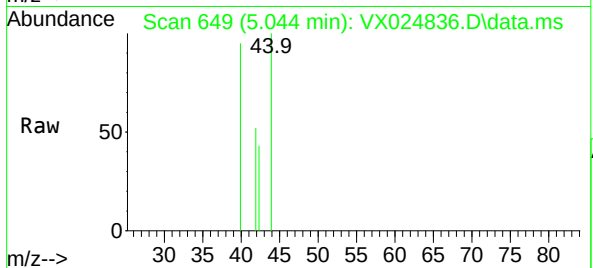
72 0.0 36.1 54.1#

71 0.0 33.7 50.5#

Instrument :

MSVOA_X

ClientSampled :



#30

Chloroform

Concen: 0.433 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX024836.D

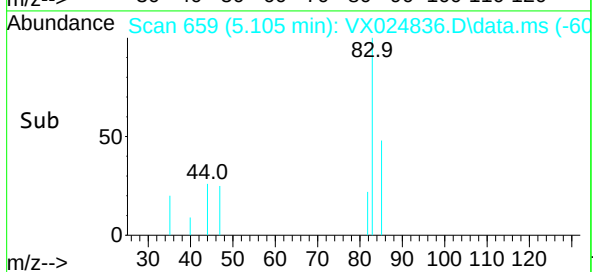
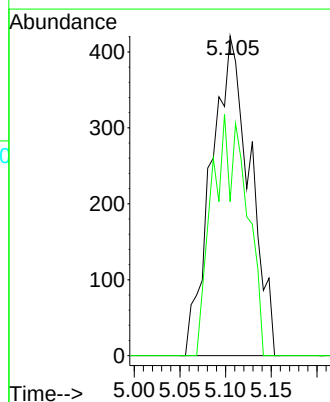
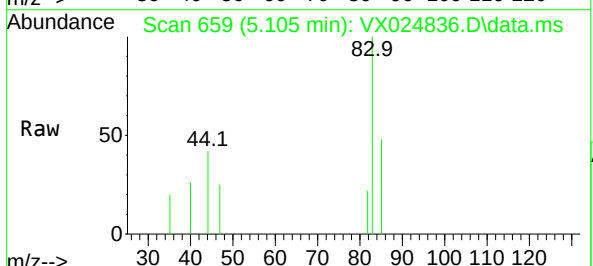
Acq: 15 Oct 2021 18:31

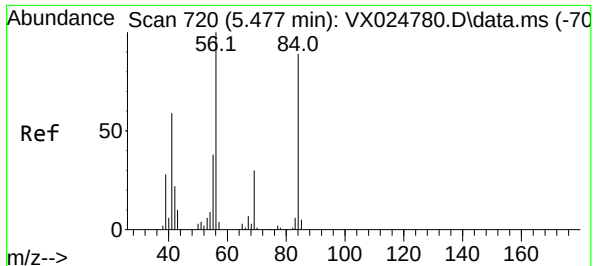
Tgt Ion: 83 Resp: 1237

Ion Ratio Lower Upper

83 100

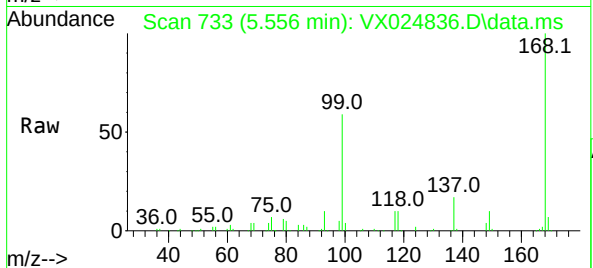
85 48.2 50.2 75.2#



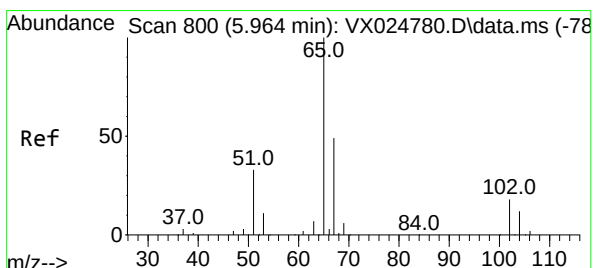
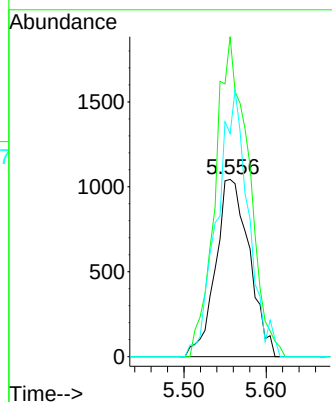
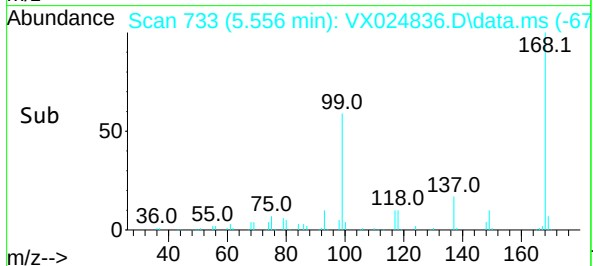


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

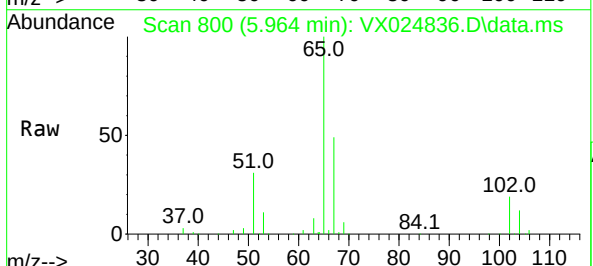
Instrument :
MSVOA_X
ClientSampleId :



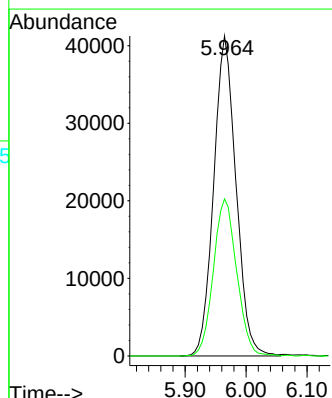
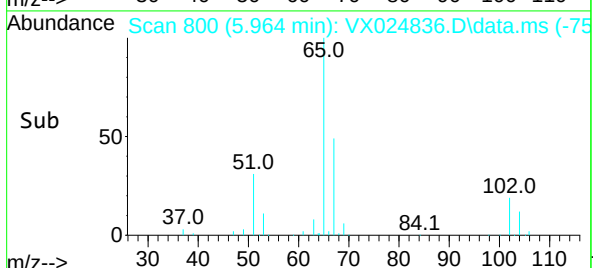
Tgt Ion: 56 Resp: 2976
Ion Ratio Lower Upper
56 100
69 180.5 24.2 36.2#
84 125.9 71.5 107.3#

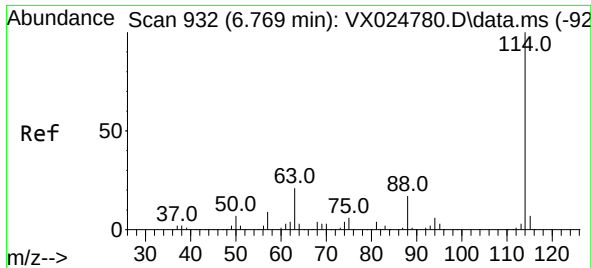


#33
1,2-Dichloroethane-d4
Concen: 58.857 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31



Tgt Ion: 65 Resp: 104988
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.0

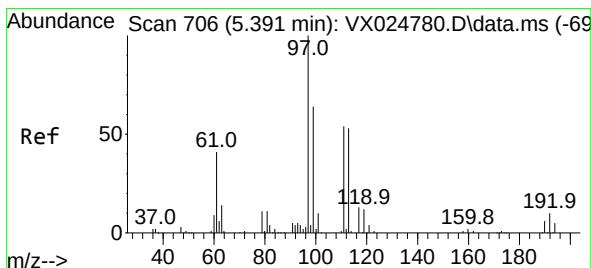
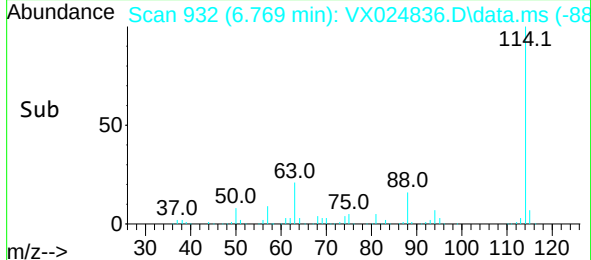
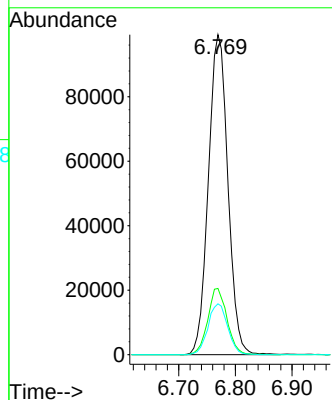
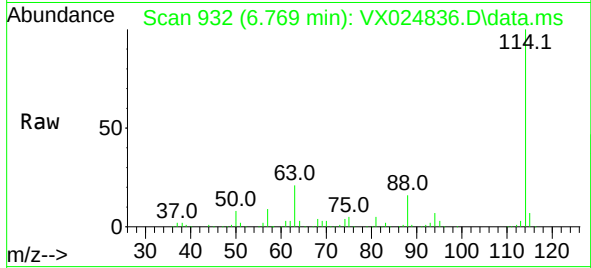




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

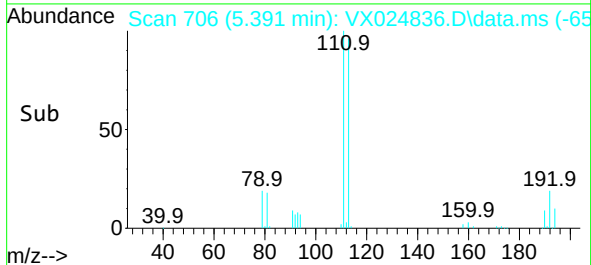
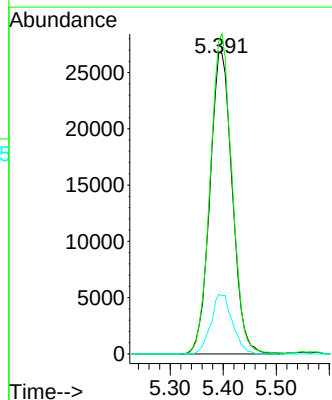
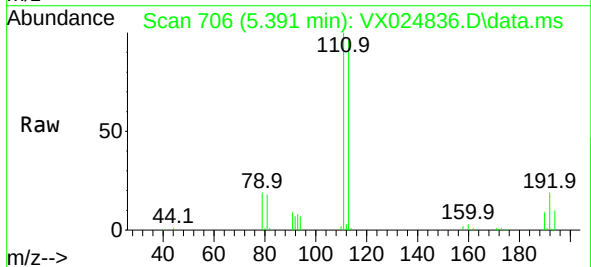
Instrument :
MSVOA_X
ClientSampled :

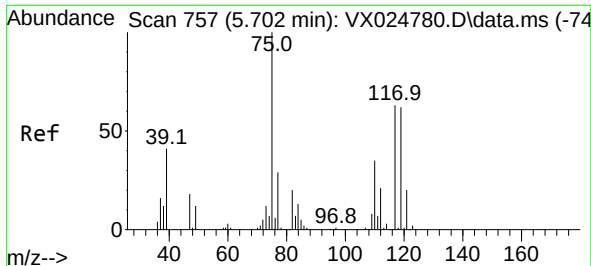
Tgt Ion:114 Resp: 236928
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 55.696 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

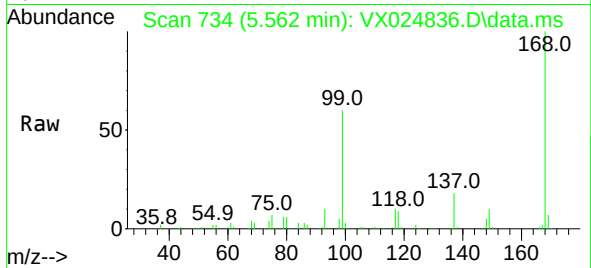
Tgt Ion:113 Resp: 78557
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 19.0 15.6 23.4



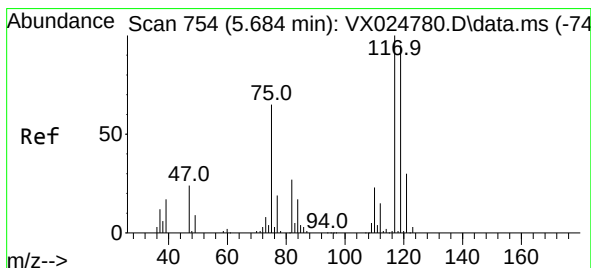
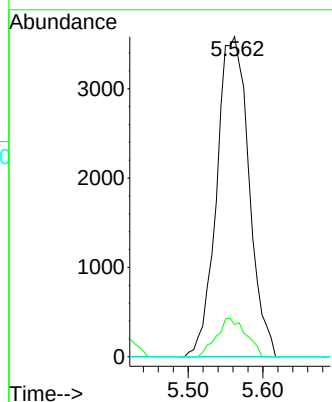
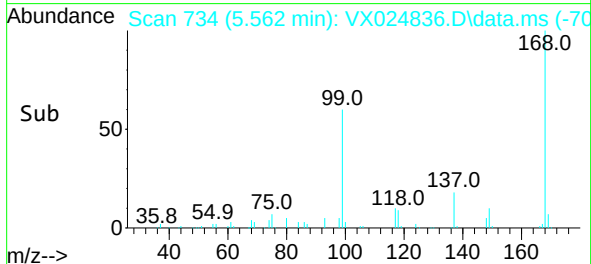


#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

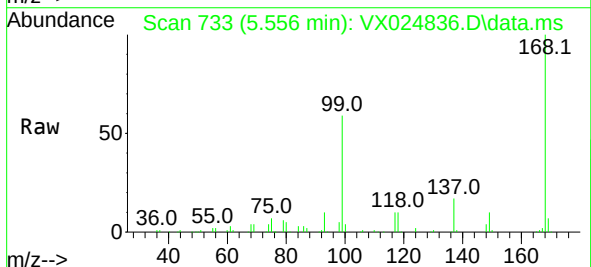
Instrument :
MSVOA_X
ClientSampled :



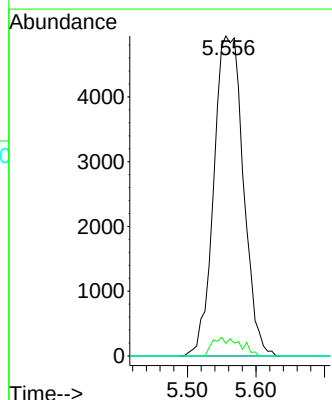
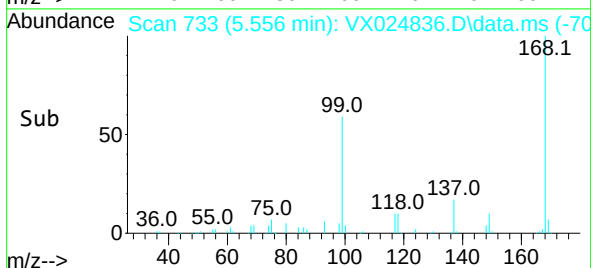
Tgt Ion: 75 Resp: 10739
Ion Ratio Lower Upper
75 100
110 11.0 18.1 54.3#
77 0.0 24.4 36.6#

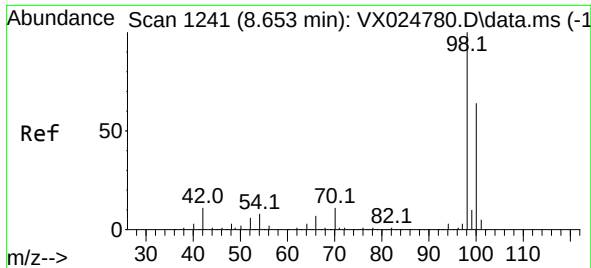


#38
Carbon Tetrachloride
Concen: 6.279 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31



Tgt Ion: 117 Resp: 14751
Ion Ratio Lower Upper
117 100
119 3.9 75.6 113.4#
121 0.0 23.7 35.5#

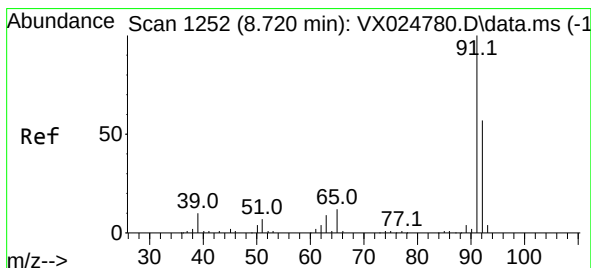
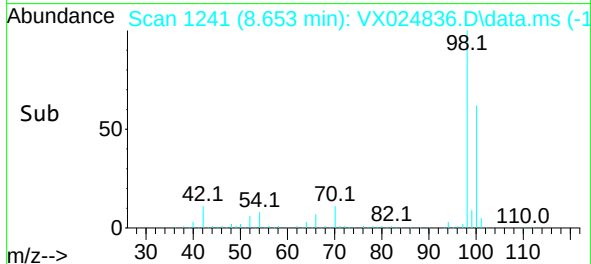
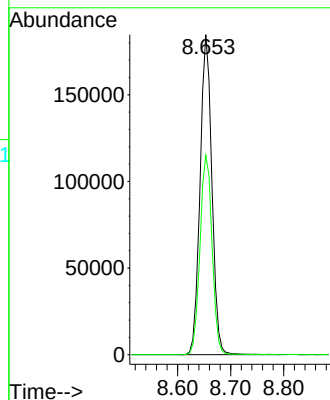
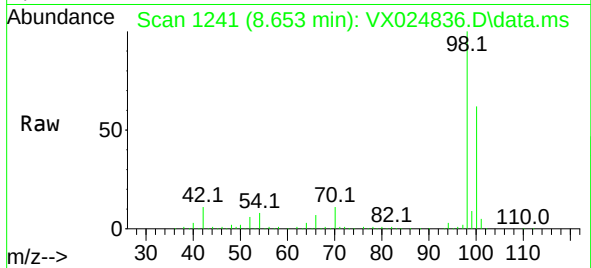




#50
Toluene-d8
Concen: 54.758 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

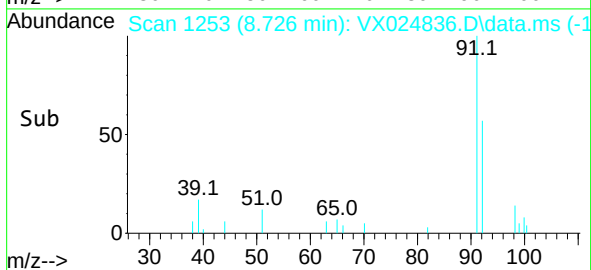
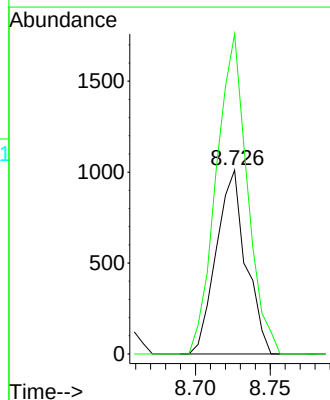
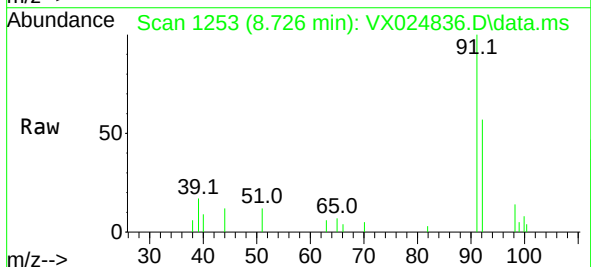
Instrument :
MSVOA_X
ClientSampled :

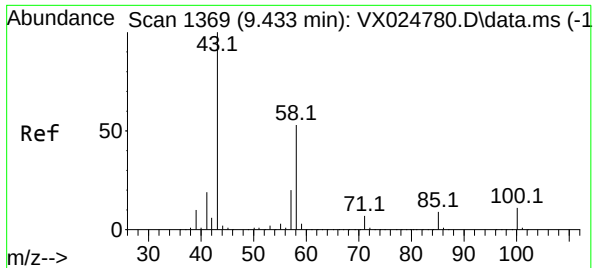
Tgt Ion: 98 Resp: 285693
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#52
Toluene
Concen: 0.358 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

Tgt Ion: 92 Resp: 1397
Ion Ratio Lower Upper
92 100
91 181.8 138.6 208.0

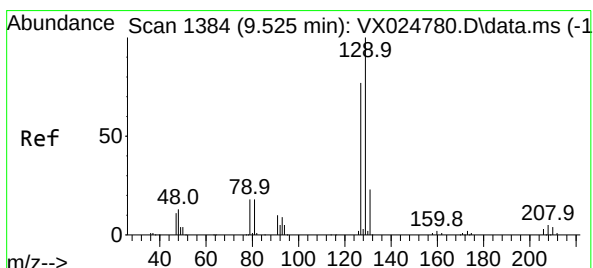
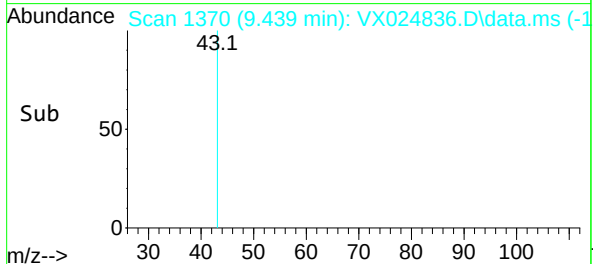
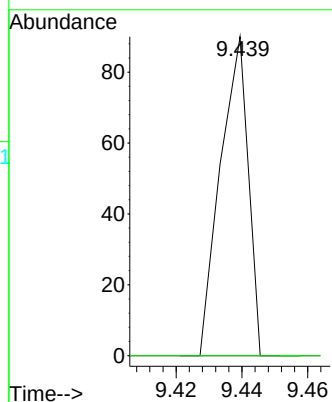
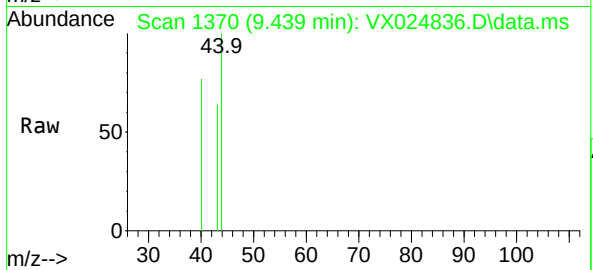




#59
2-Hexanone
Concen: Below Cal
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

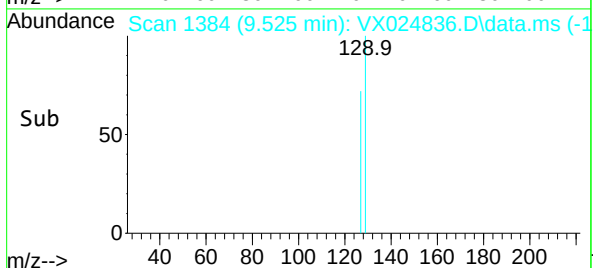
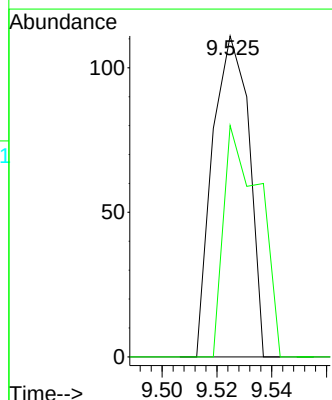
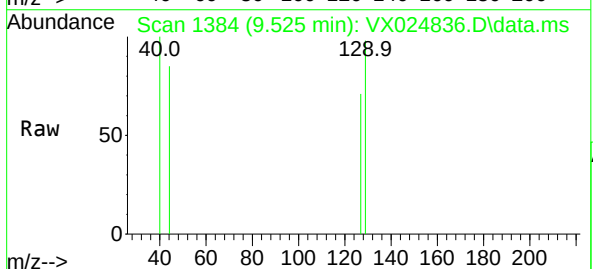
Instrument :
MSVOA_X
ClientSampled :

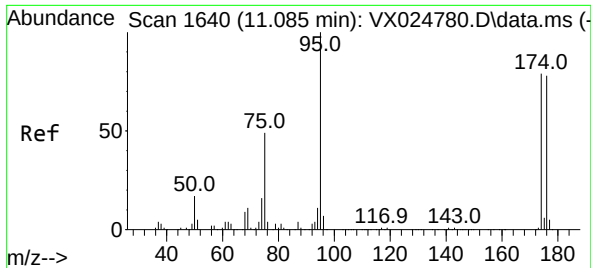
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#60
Dibromochloromethane
Concen: 0.841 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

Tgt Ion: 129 Resp: 102
Ion Ratio Lower Upper
129 100
127 71.6 38.5 115.5

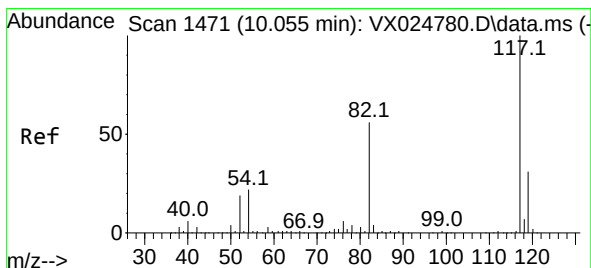
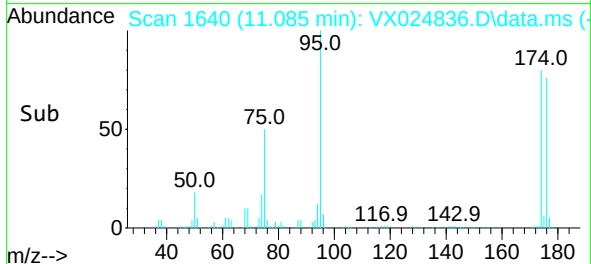
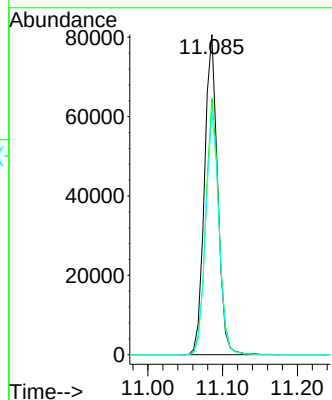
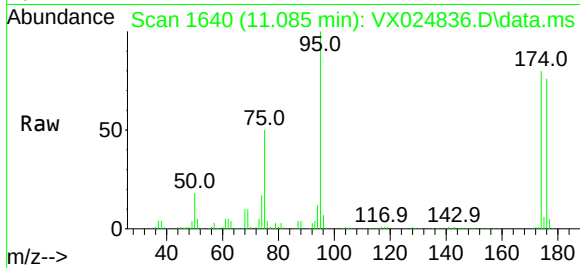




#62
4-Bromofluorobenzene
Concen: 47.926 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

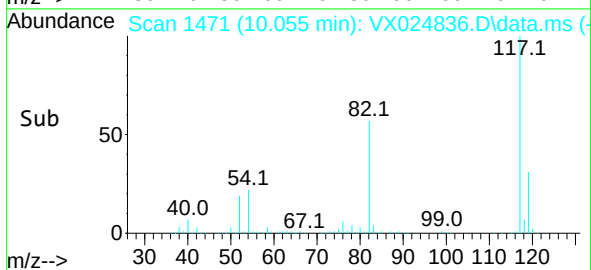
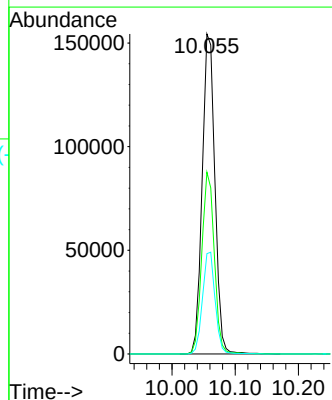
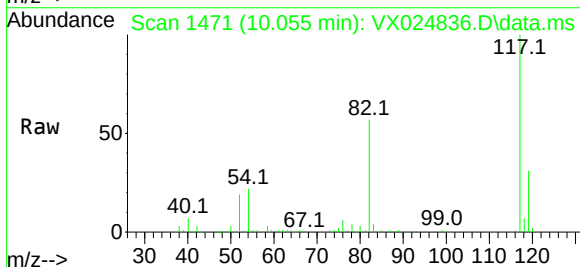
Instrument :
MSVOA_X
ClientSampled :

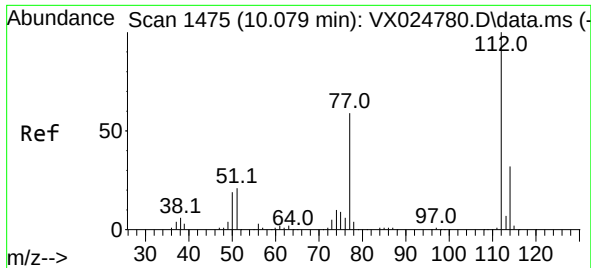
Tgt Ion: 95 Resp: 98345
Ion Ratio Lower Upper
95 100
174 80.2 0.0 158.0
176 76.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

Tgt Ion: 117 Resp: 216158
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 31.4 24.8 37.2

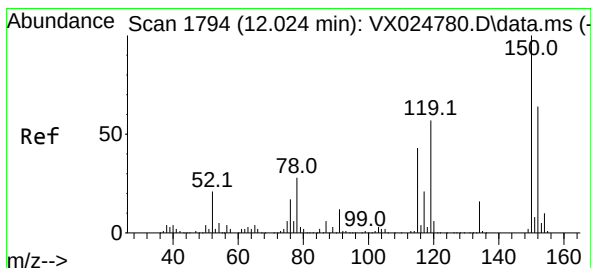
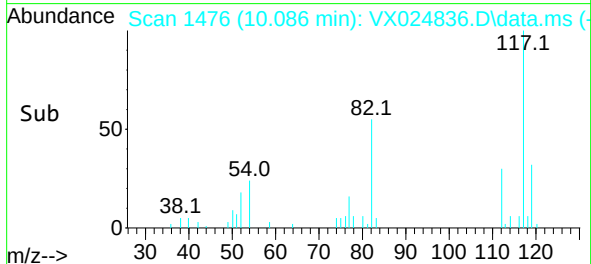
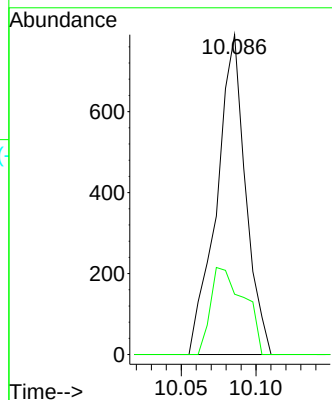
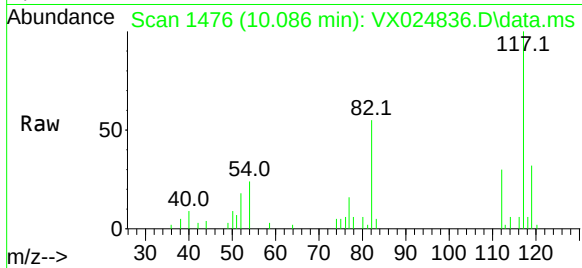




#65
Chlorobenzene
Concen: 0.251 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

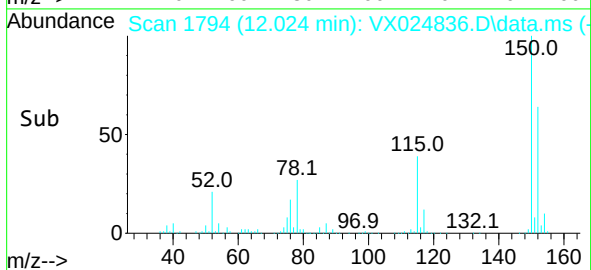
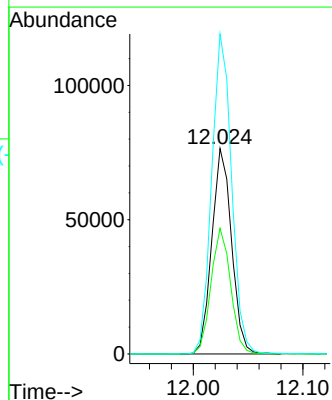
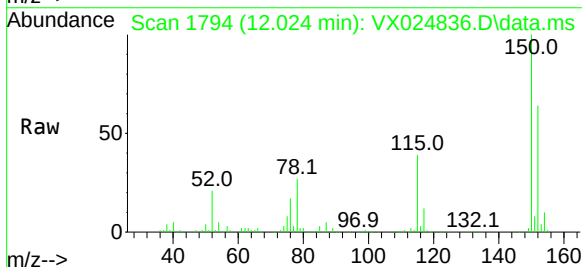
Instrument :
MSVOA_X
ClientSampled :

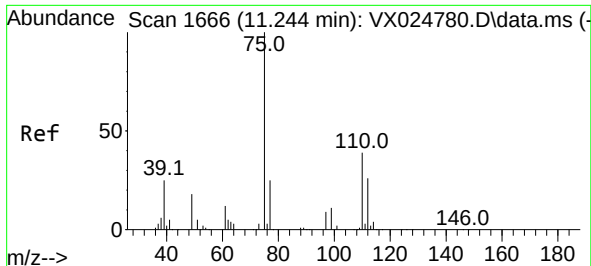
Tgt Ion:112 Resp: 1062
Ion Ratio Lower Upper
112 100
114 18.9 25.8 38.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

Tgt Ion:152 Resp: 95847
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.8
150 157.0 0.0 351.2

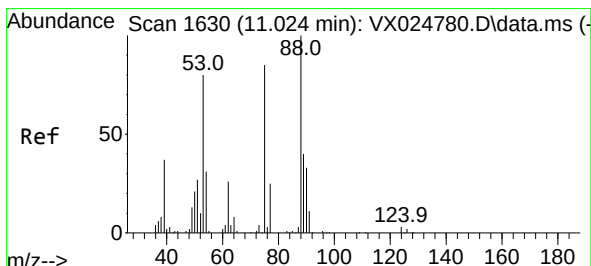
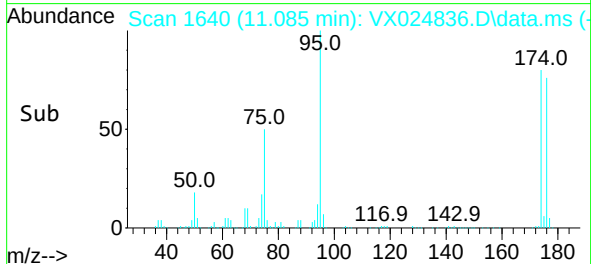
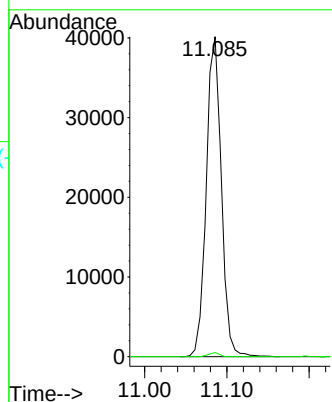
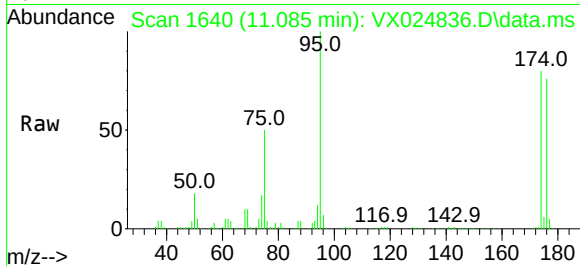




#76
1,2,3-Trichloropropane
Concen: 25.524 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

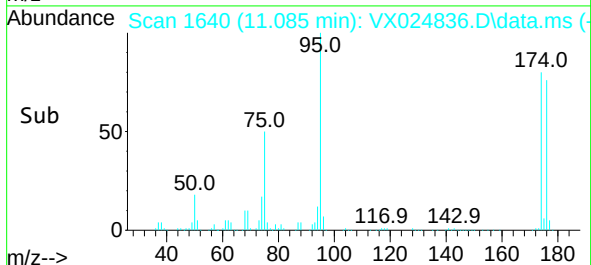
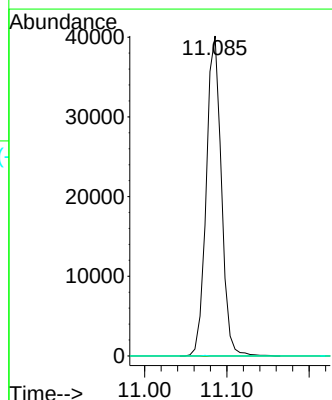
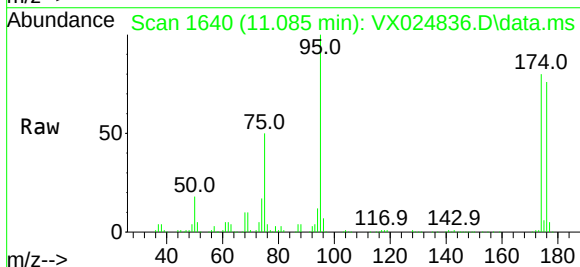
Instrument :
MSVOA_X
ClientSampled :

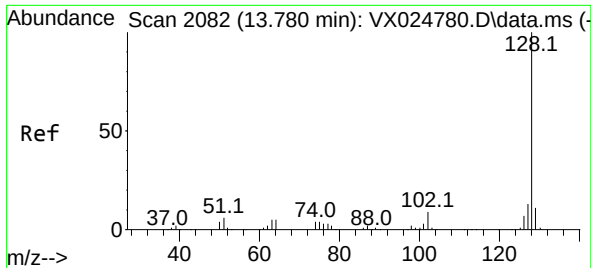
Tgt Ion: 75 Resp: 51038
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.751 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

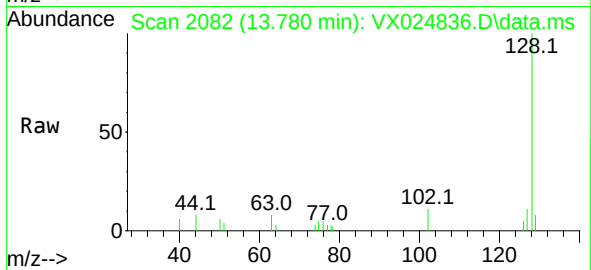
Tgt Ion: 75 Resp: 51038
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#





#95
Naphthalene
Concen: 0.659 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024836.D
Acq: 15 Oct 2021 18:31

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:	128	Resp:	2747
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.3	15.5
129	11.0	8.8	13.2

