

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044553.D
 Acq On : 30 Dec 2024 18:51
 Operator : JC/MD
 Sample : P5376-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20241218

Quant Time: Dec 31 00:35:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

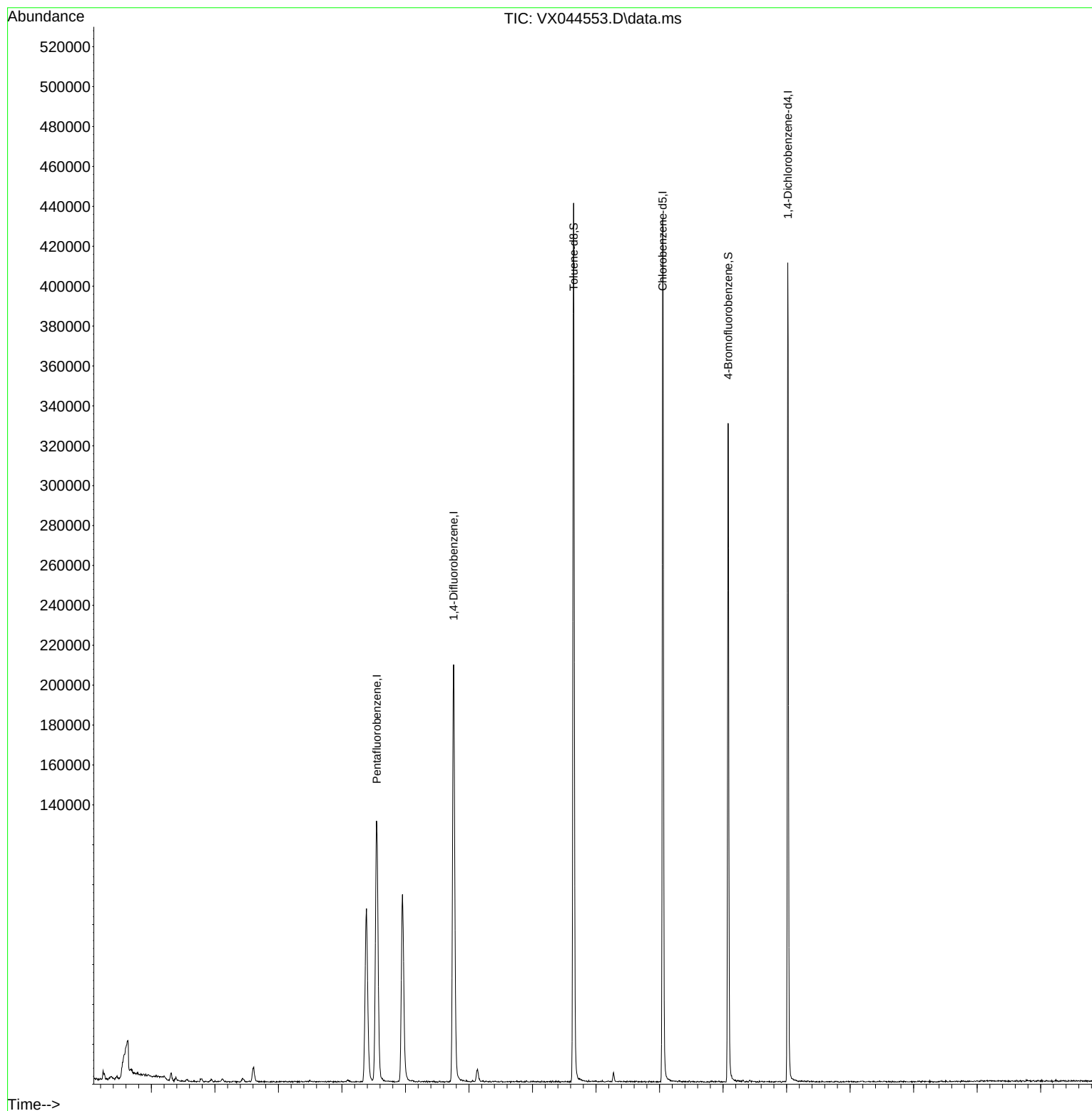
Internal Standards						
1) Pentafluorobenzene	5.550	168	127903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	194600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91442	40.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.560%		
35) Dibromofluoromethane	5.379	113	72824	48.577	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.160%		
50) Toluene-d8	8.647	98	260638	51.533	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.060%		
62) 4-Bromofluorobenzene	11.079	95	84702	47.928	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.860%		
Target Compounds						
12) 1,1-Dichloroethene	2.313	96	1346	0.939	ug/l	96
16) Acetone	2.386	43	1508	1.649	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	1419	0.254	ug/l #	86
20) Methylene Chloride	2.776	84	764	0.445	ug/l #	53
24) 1,1-Dichloroethane	3.611	63	8031	2.679	ug/l	93
30) Chloroform	5.093	83	907	0.269	ug/l	100
44) Trichloroethene	7.135	130	2535	1.728	ug/l	97
64) Tetrachloroethene	9.281	164	692	0.536	ug/l #	85

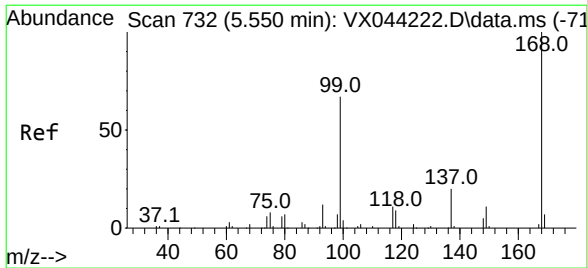
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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TT174I1-20241218

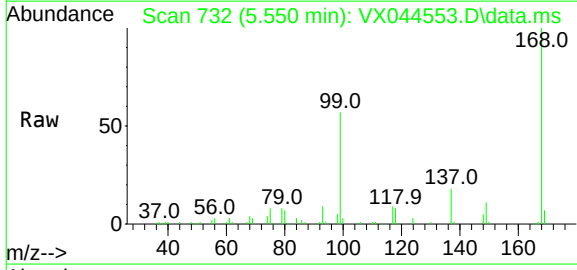
Quant Time: Dec 31 00:35:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



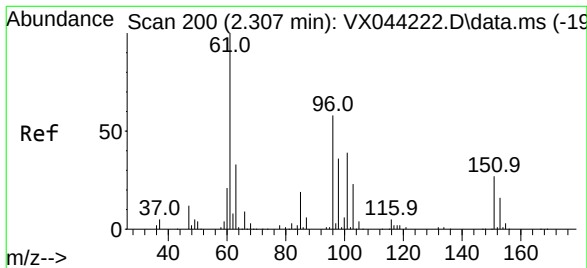
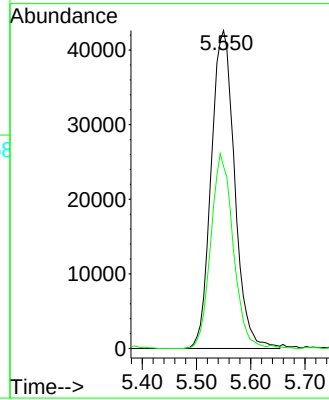
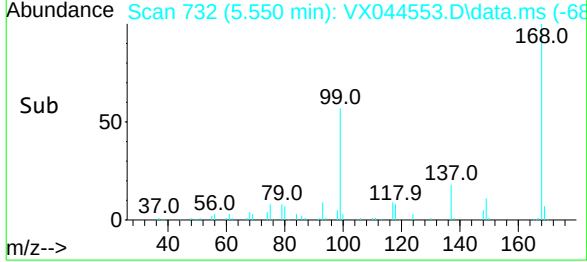


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044553.D
Acq: 30 Dec 2024 18:51

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20241218

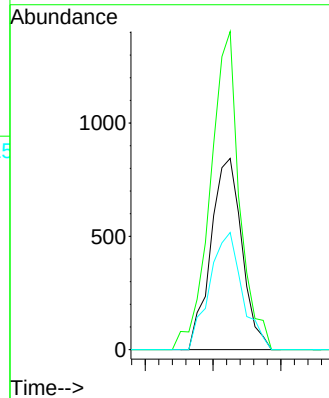
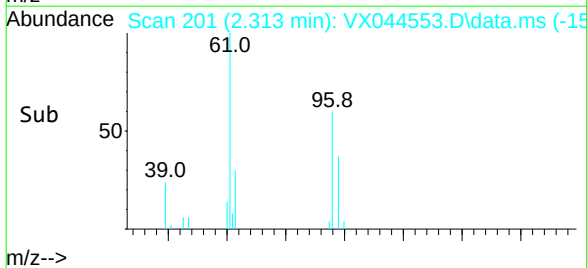
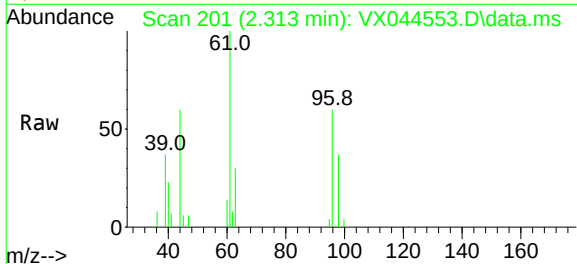


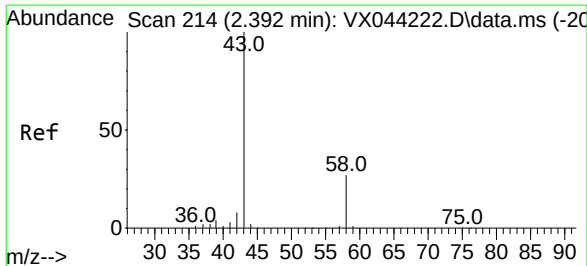
Tgt Ion:168 Resp: 127903
Ion Ratio Lower Upper
168 100
99 57.3 53.4 80.0



#12
1,1-Dichloroethene
Concen: 0.939 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044553.D
Acq: 30 Dec 2024 18:51

Tgt Ion: 96 Resp: 1346
Ion Ratio Lower Upper
96 100
61 166.4 138.0 207.0
98 61.3 50.0 75.0





#16

Acetone

Concen: 1.649 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX044553.D

Acq: 30 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

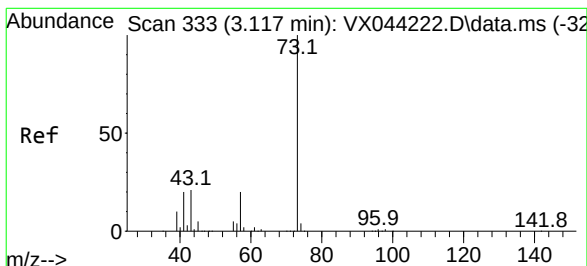
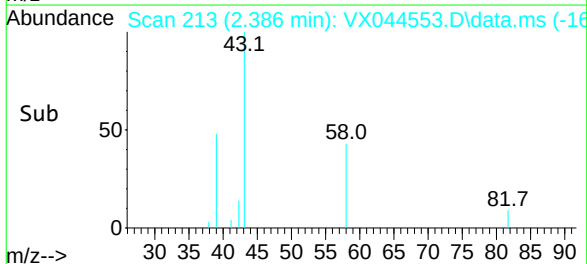
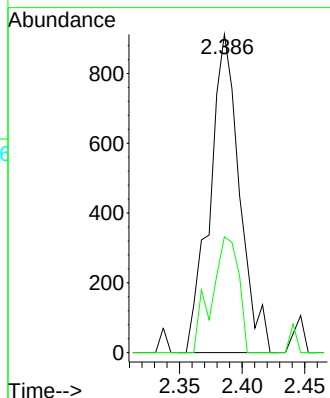
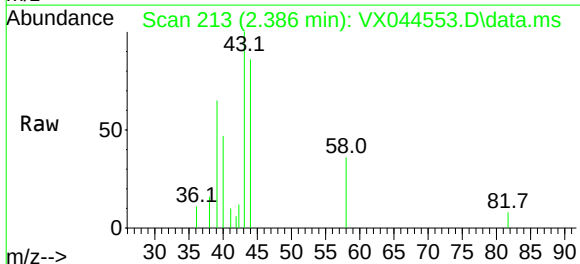
TT17411-20241218

Tgt Ion: 43 Resp: 1508

Ion Ratio Lower Upper

43 100

58 36.4 21.6 32.4#



#19

Methyl tert-butyl Ether

Concen: 0.254 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX044553.D

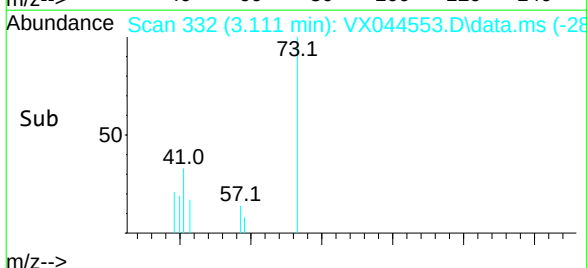
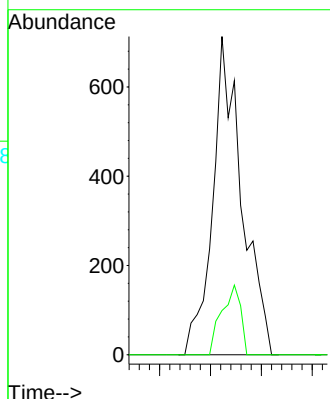
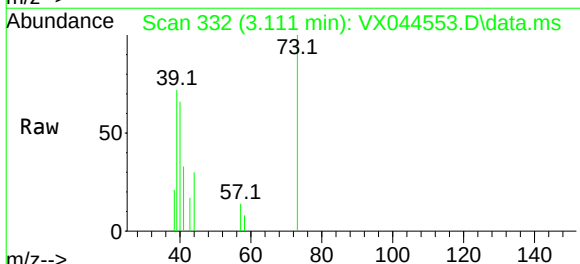
Acq: 30 Dec 2024 18:51

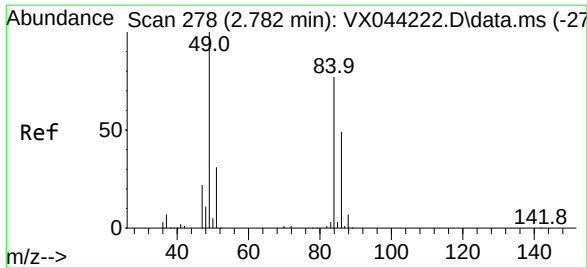
Tgt Ion: 73 Resp: 1419

Ion Ratio Lower Upper

73 100

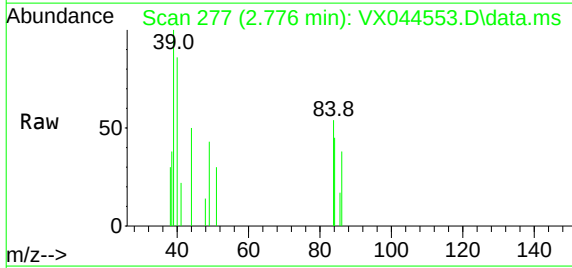
57 13.9 16.2 24.4#



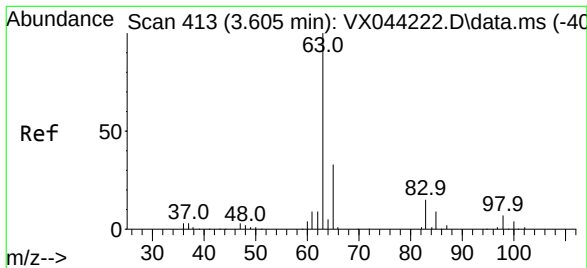
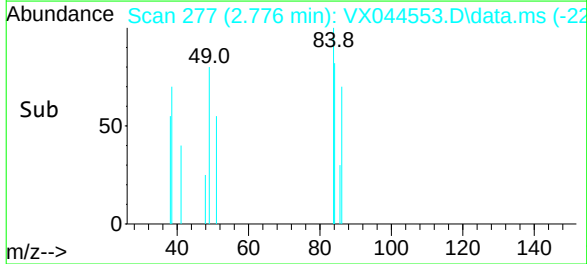
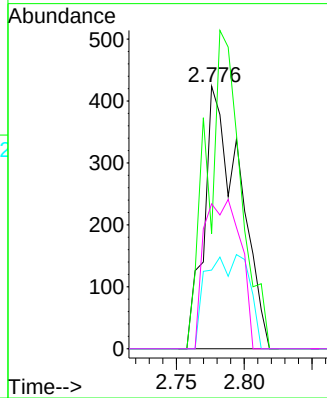


#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.776 min Scan# 27
Delta R.T. -0.006 min
Lab File: VX044553.D
Acq: 30 Dec 2024 18:51

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20241218

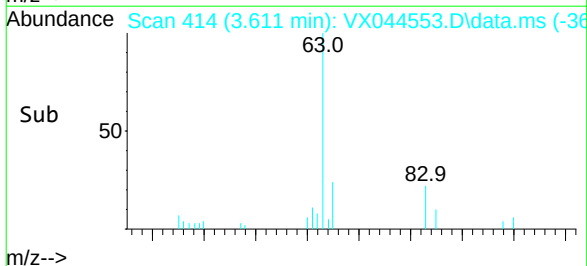
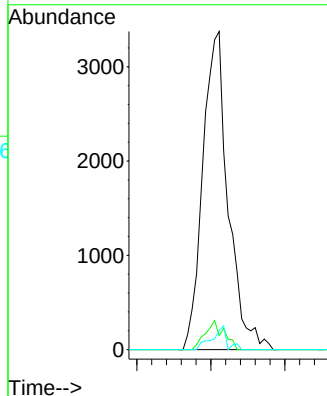
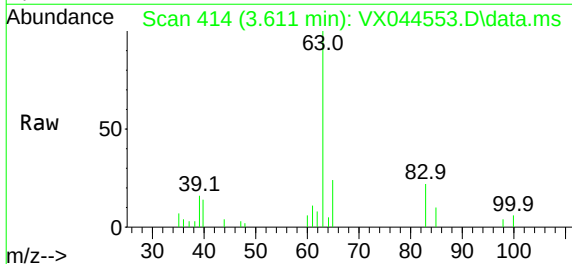


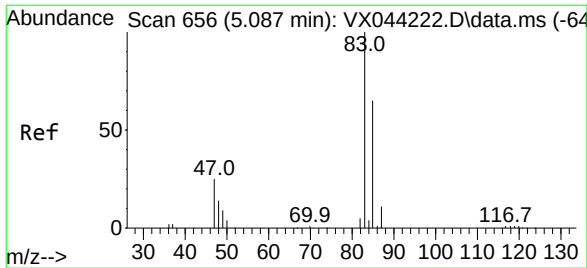
Tgt Ion:	84	Resp:	764
Ion	Ratio	Lower	Upper
84	100		
49	43.9	104.2	156.4#
51	30.0	32.2	48.4#
86	55.2	50.9	76.3



#24
1,1-Dichloroethane
Concen: 2.679 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX044553.D
Acq: 30 Dec 2024 18:51

Tgt Ion:	63	Resp:	8031
Ion	Ratio	Lower	Upper
63	100		
98	4.4	3.6	10.8
100	6.0	2.1	6.3





#30

Chloroform

Concen: 0.269 ug/l

RT: 5.093 min Scan# 65

Delta R.T. 0.006 min

Lab File: VX044553.D

Acq: 30 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

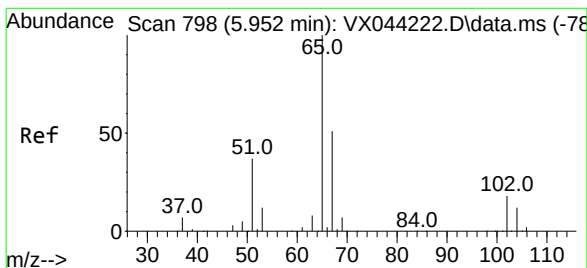
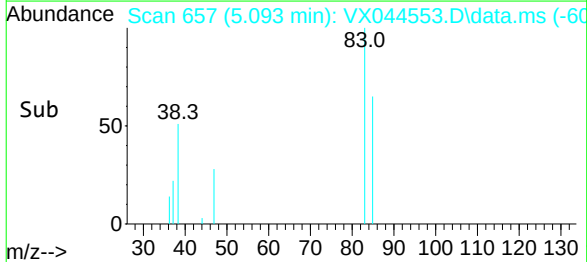
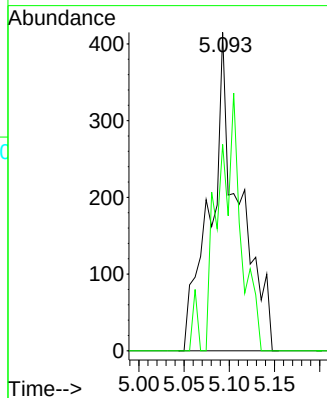
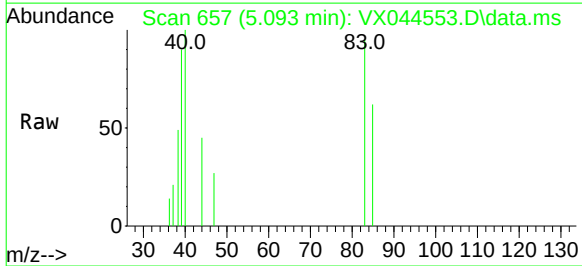
TT17411-20241218

Tgt Ion: 83 Resp: 907

Ion Ratio Lower Upper

83 100

85 64.8 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 40.776 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044553.D

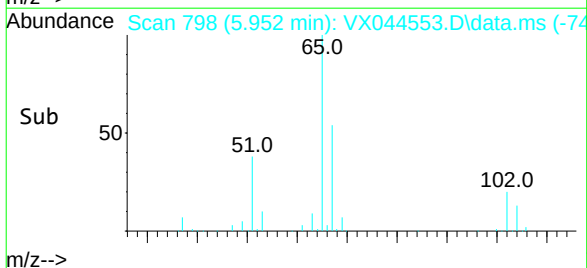
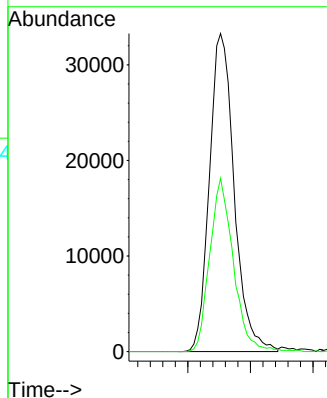
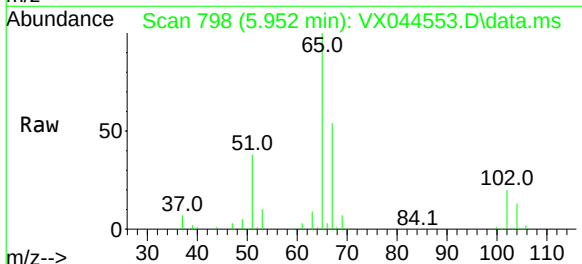
Acq: 30 Dec 2024 18:51

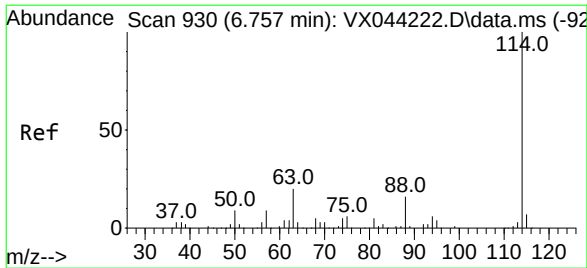
Tgt Ion: 65 Resp: 91442

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.6

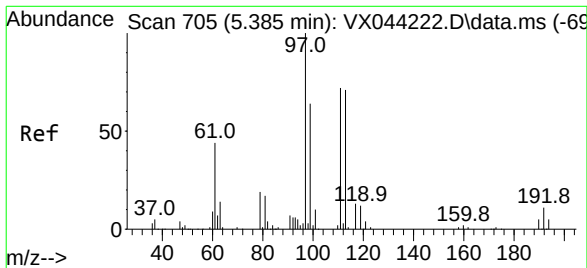
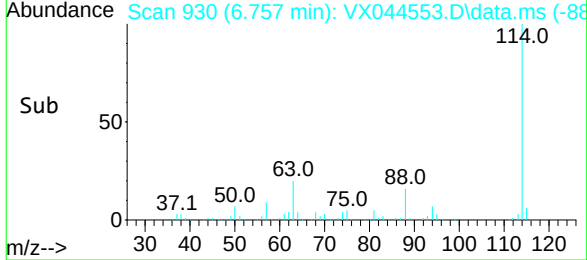
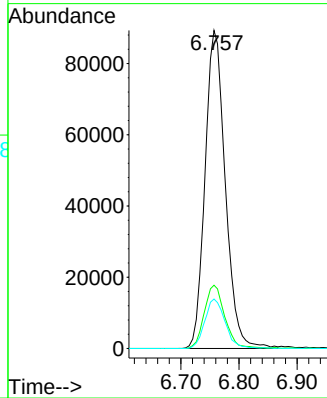
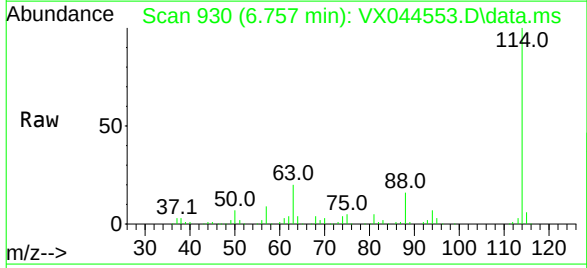




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044553.D
Acq: 30 Dec 2024 18:51

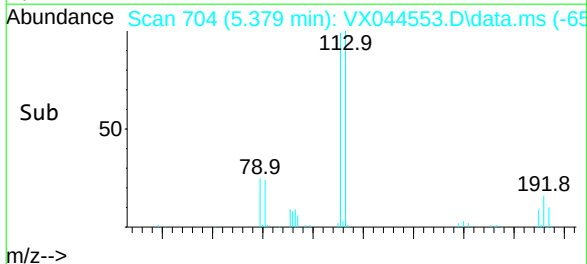
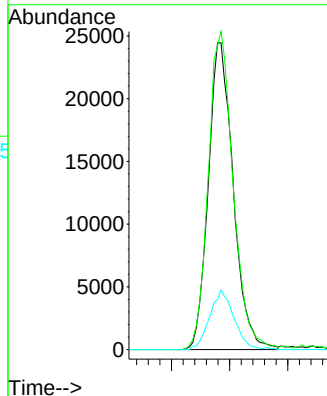
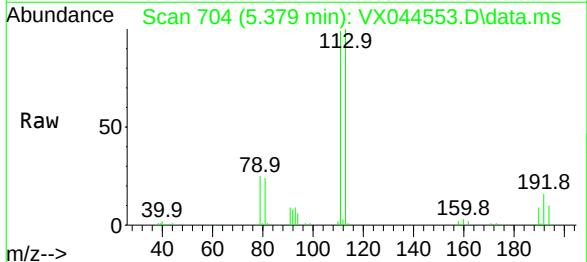
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20241218

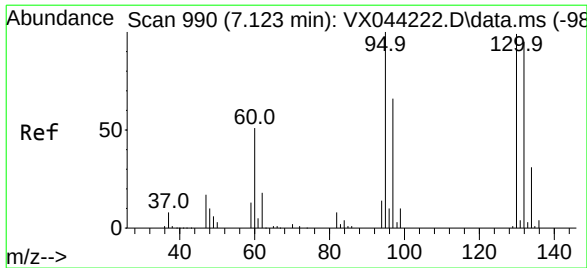
Tgt Ion:	114	Resp:	216454
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.6
88	15.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.577 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044553.D
Acq: 30 Dec 2024 18:51

Tgt Ion:	113	Resp:	72824
Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.4	120.6
192	18.8	13.3	19.9





#44

Trichloroethene

Concen: 1.728 ug/l

RT: 7.135 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX044553.D

Acq: 30 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

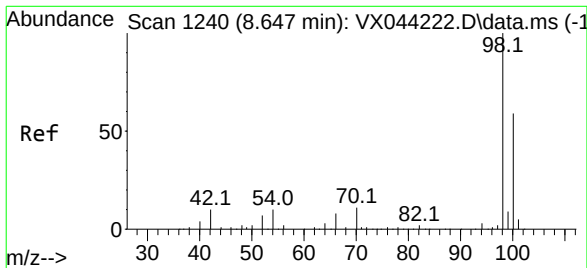
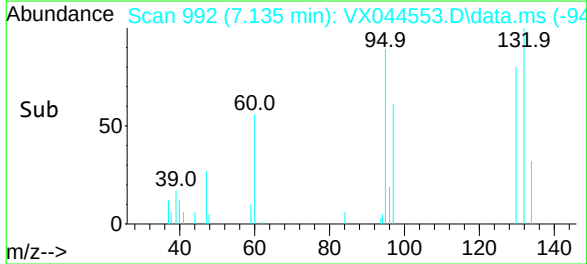
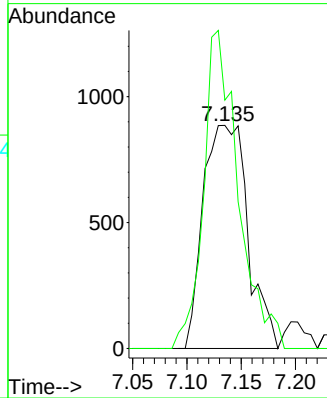
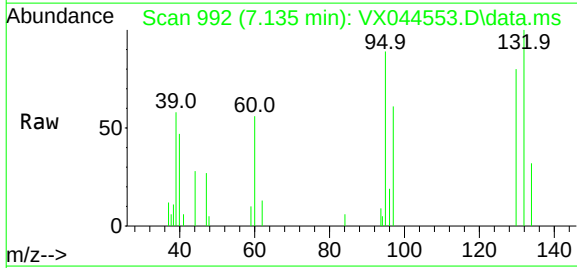
TT17411-20241218

Tgt Ion:130 Resp: 2535

Ion Ratio Lower Upper

130 100

95 104.2 0.0 201.4



#50

Toluene-d8

Concen: 51.533 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044553.D

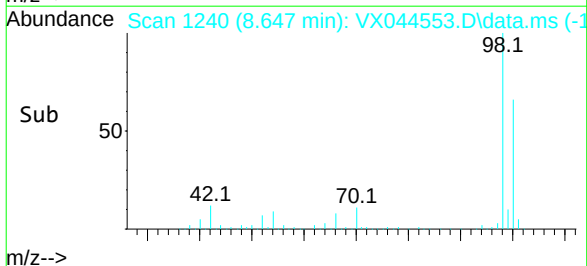
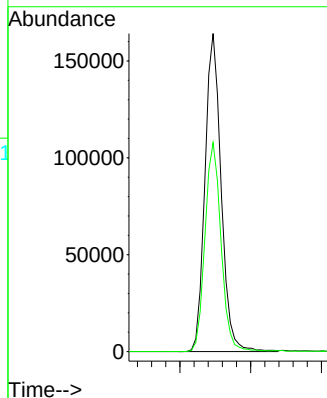
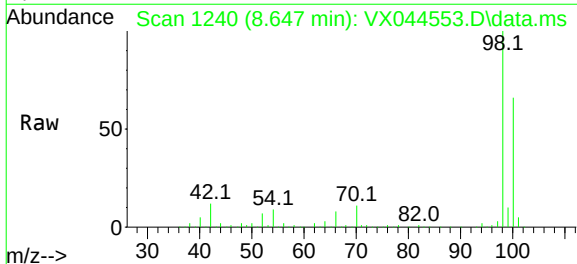
Acq: 30 Dec 2024 18:51

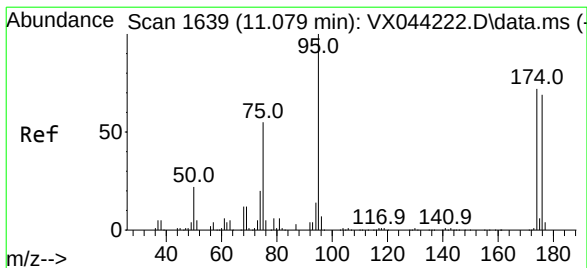
Tgt Ion: 98 Resp: 260638

Ion Ratio Lower Upper

98 100

100 65.3 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 47.928 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044553.D

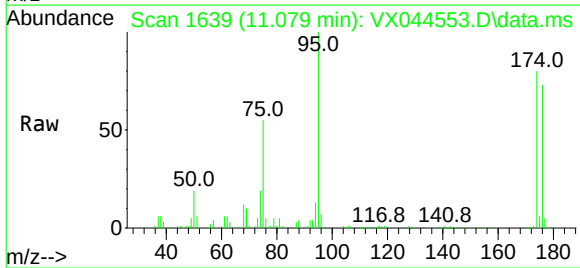
Acq: 30 Dec 2024 18:51

Instrument :

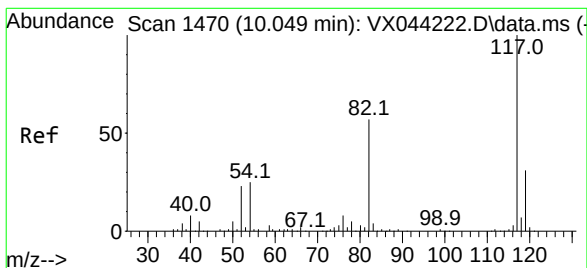
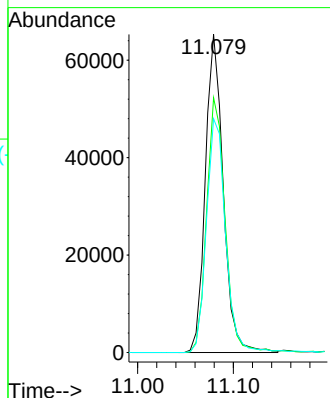
MSVOA_X

ClientSampleId :

TT17411-20241218



Tgt Ion:	95	Resp:	84702
Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	145.8
176	78.5	0.0	137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

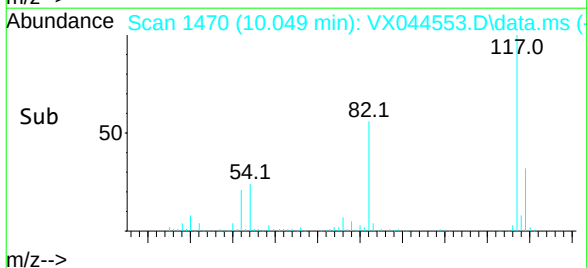
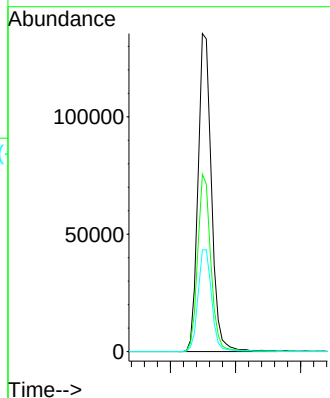
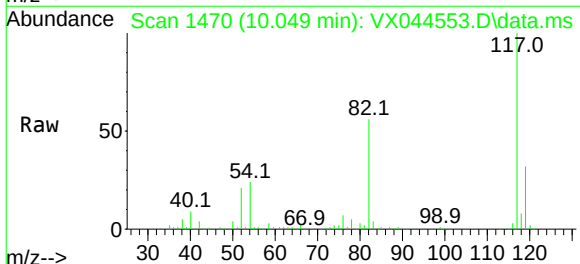
RT: 10.049 min Scan# 1470

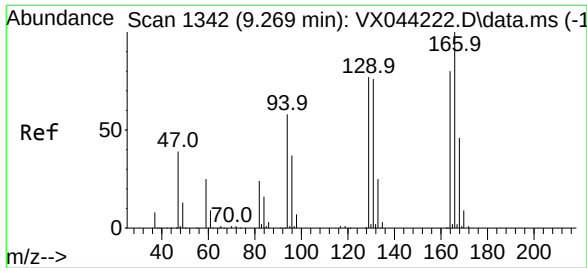
Delta R.T. 0.000 min

Lab File: VX044553.D

Acq: 30 Dec 2024 18:51

Tgt Ion:	117	Resp:	194600
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.8	68.8
119	31.9	25.0	37.4





#64

Tetrachloroethene

Concen: 0.536 ug/l

RT: 9.281 min Scan# 13

Delta R.T. 0.012 min

Lab File: VX044553.D

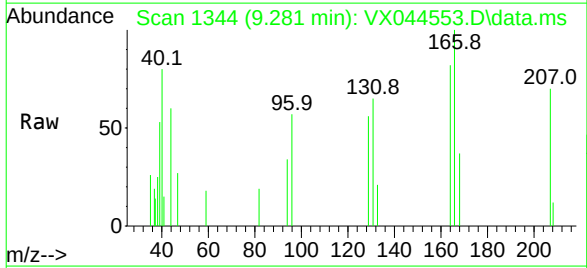
Acq: 30 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20241218



Tgt Ion:164 Resp: 692

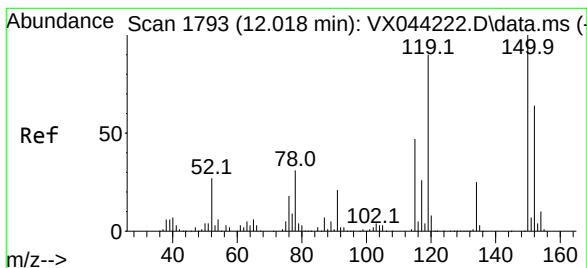
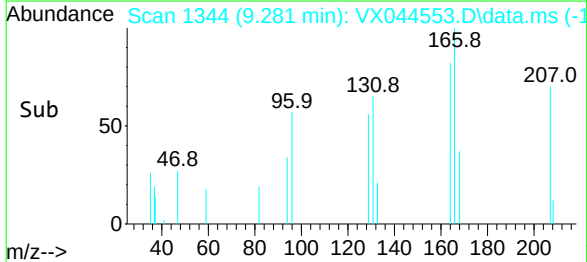
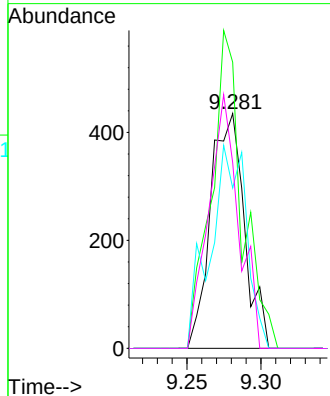
Ion Ratio Lower Upper

164 100

166 121.8 100.4 150.6

129 68.3 77.2 115.8#

131 79.1 76.2 114.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044553.D

Acq: 30 Dec 2024 18:51

Tgt Ion:152 Resp: 84267

Ion Ratio Lower Upper

152 100

115 58.3 44.5 133.3

150 156.3 0.0 353.8

