

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043626.D
 Acq On : 30 Oct 2024 15:57
 Operator : JC/MD
 Sample : PB164501ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB164501ZHE#04

Quant Time: Oct 31 23:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

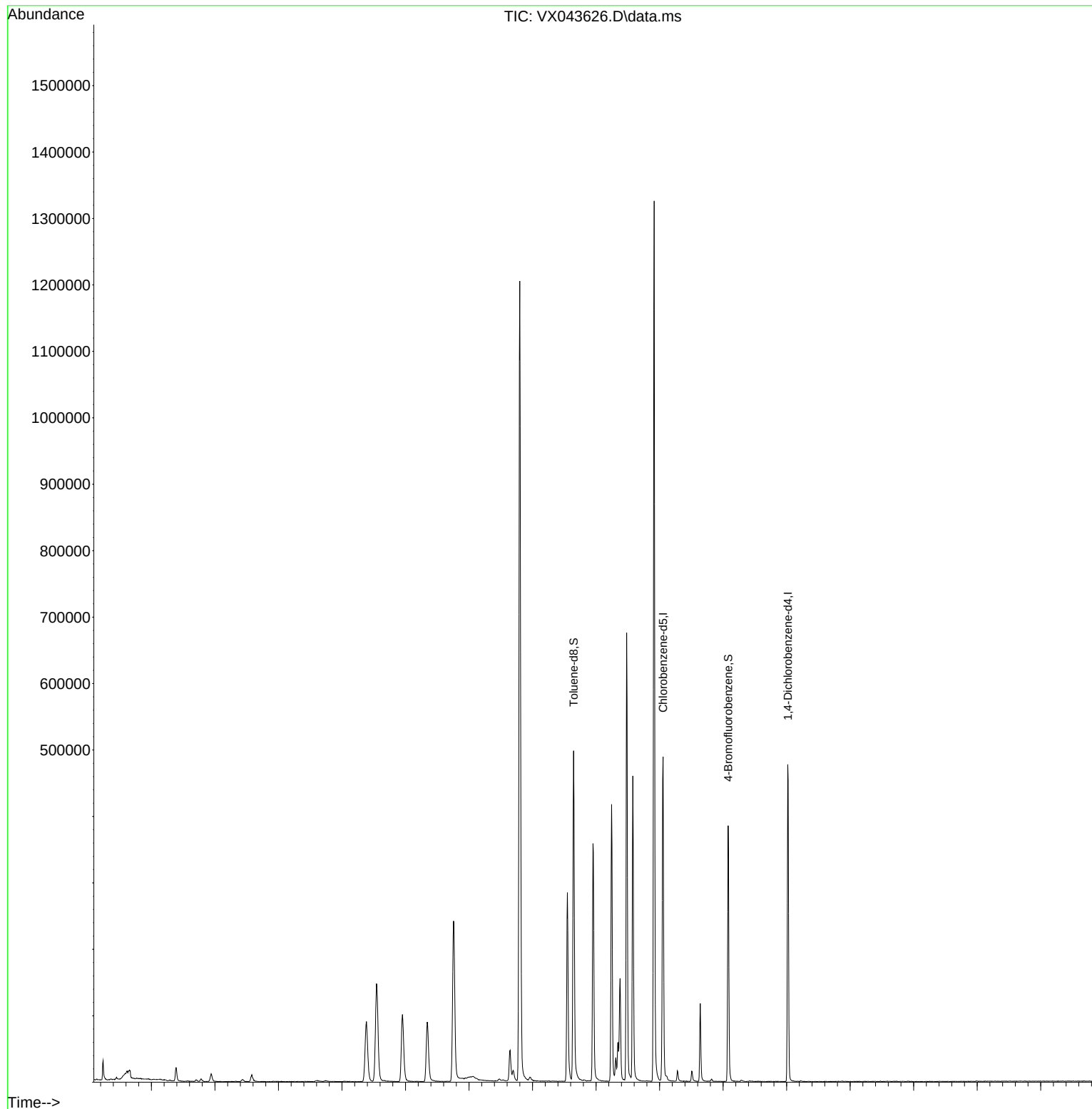
Internal Standards						
1) Pentafluorobenzene	5.544	168	145264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96186	41.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.060%		
35) Dibromofluoromethane	5.385	113	81224	44.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.040%		
50) Toluene-d8	8.647	98	309991	49.085	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.180%		
62) 4-Bromofluorobenzene	11.079	95	107600	45.980	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.960%		
Target Compounds						
16) Acetone	2.392	43	22969	24.972	ug/l	97
18) Methyl Acetate	2.703	43	3580	1.332	ug/l	98
20) Methylene Chloride	2.788	84	2047	1.033	ug/l #	80
43) Isopropyl Acetate	6.342	43	126547	29.136	ug/l	98

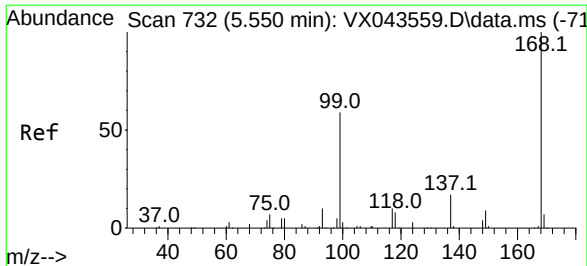
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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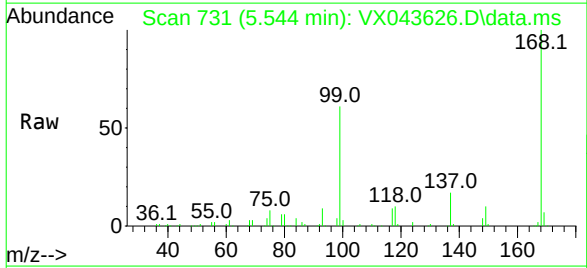
Quant Time: Oct 31 23:00:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



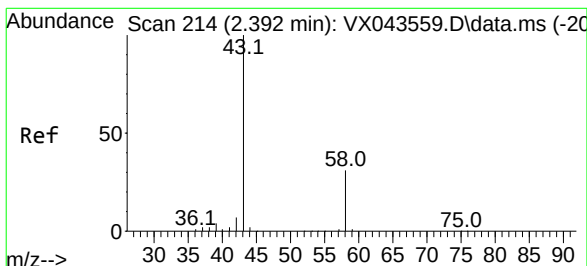
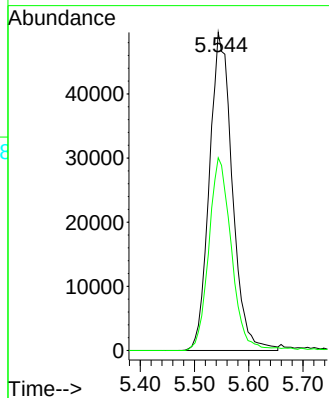
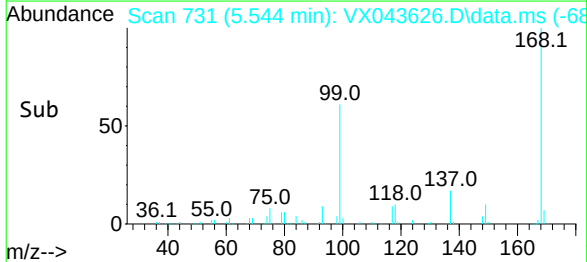


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX043626.D
Acq: 30 Oct 2024 15:57

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#04

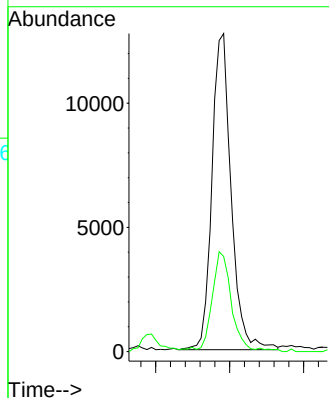
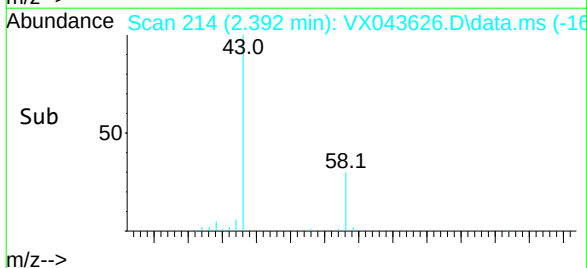
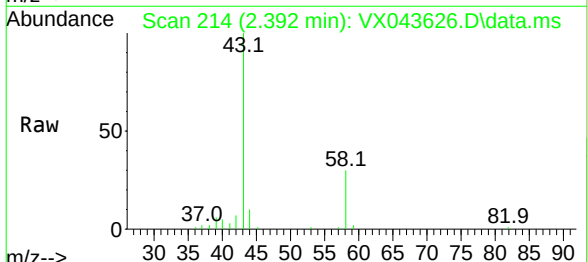


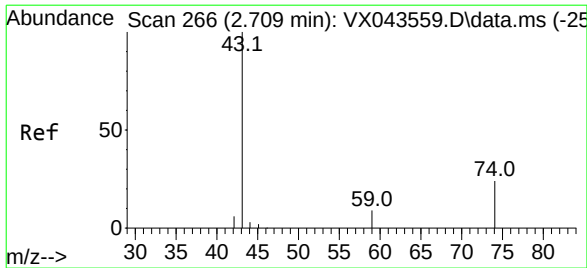
Tgt Ion: 168 Resp: 145264
Ion Ratio Lower Upper
168 100
99 60.6 52.6 78.8



#16
Acetone
Concen: 24.972 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043626.D
Acq: 30 Oct 2024 15:57

Tgt Ion: 43 Resp: 22969
Ion Ratio Lower Upper
43 100
58 29.5 25.1 37.7





#18

Methyl Acetate

Concen: 1.332 ug/l

RT: 2.703 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX043626.D

Acq: 30 Oct 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

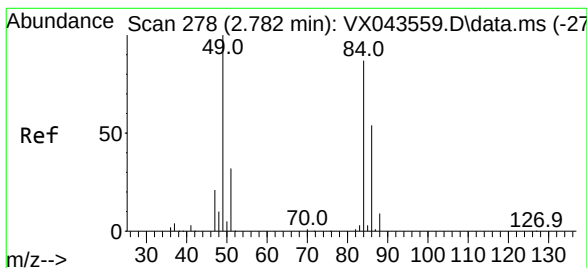
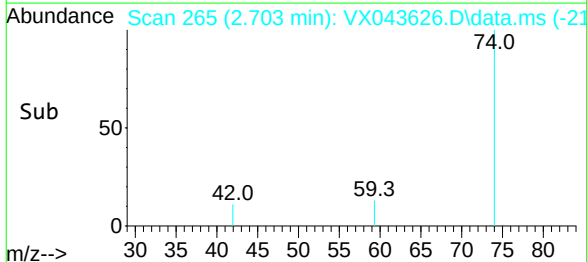
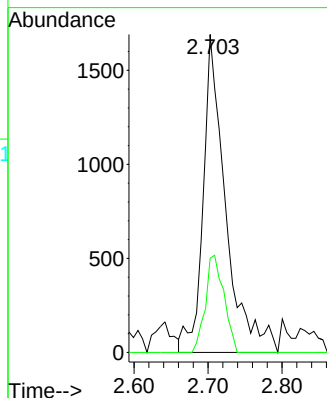
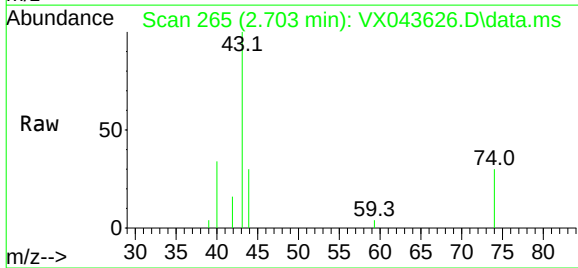
PB164501ZHE#04

Tgt Ion: 43 Resp: 3580

Ion Ratio Lower Upper

43 100

74 25.1 19.1 28.7



#20

Methylene Chloride

Concen: 1.033 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043626.D

Acq: 30 Oct 2024 15:57

Tgt Ion: 84 Resp: 2047

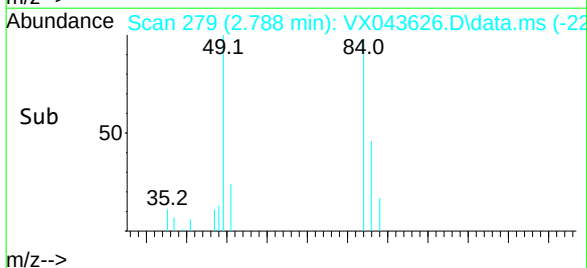
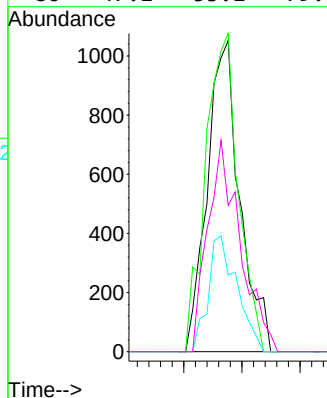
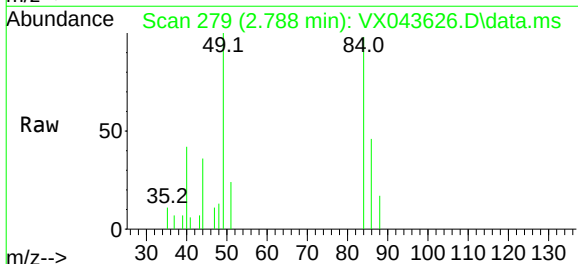
Ion Ratio Lower Upper

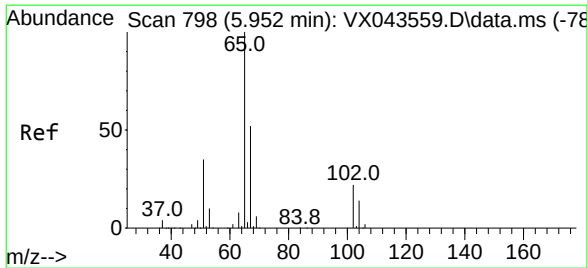
84 100

49 102.3 97.0 145.6

51 24.6 29.8 44.8#

86 47.1 53.1 79.7#

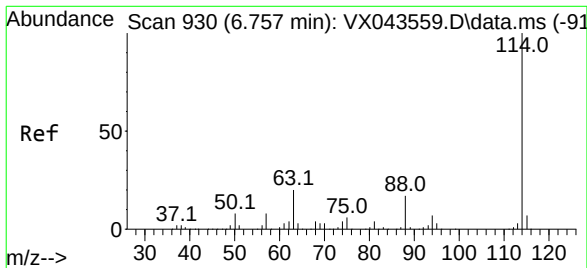
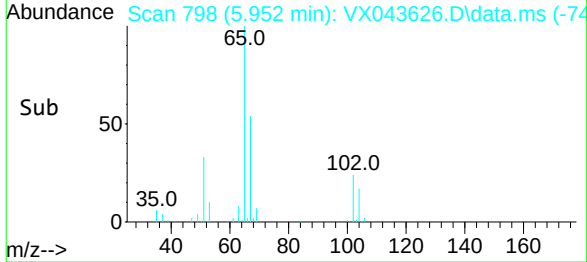
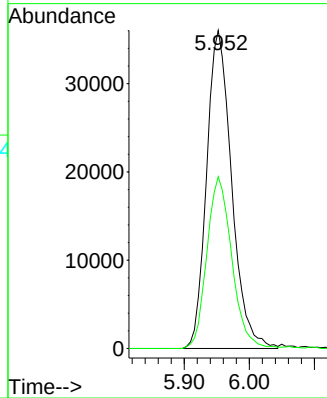
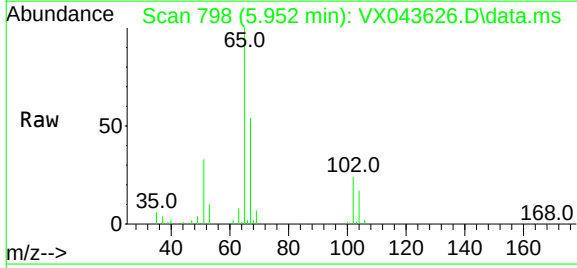




#33
1,2-Dichloroethane-d4
Concen: 41.526 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043626.D
Acq: 30 Oct 2024 15:57

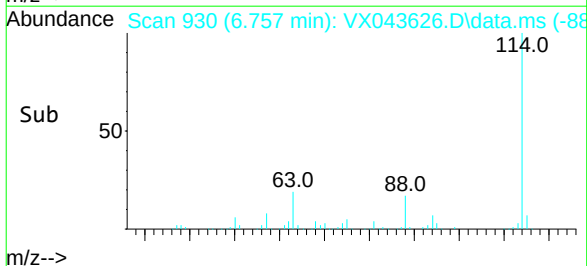
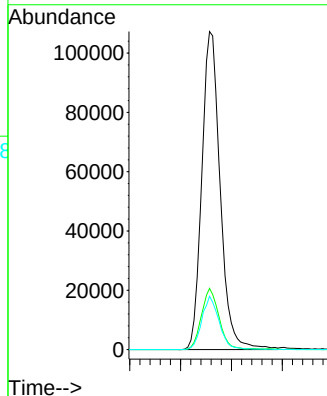
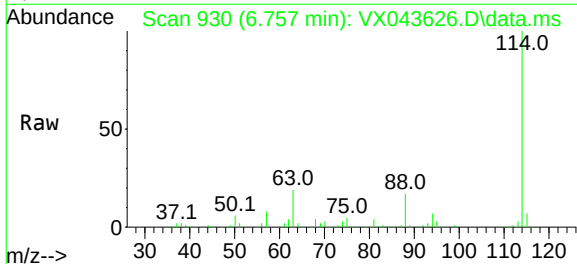
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#04

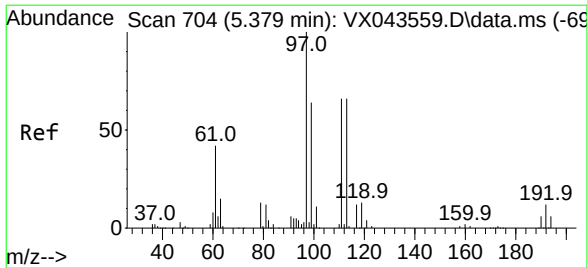
Tgt Ion: 65 Resp: 96186
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043626.D
Acq: 30 Oct 2024 15:57

Tgt Ion: 114 Resp: 269046
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.2
88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 44.521 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043626.D

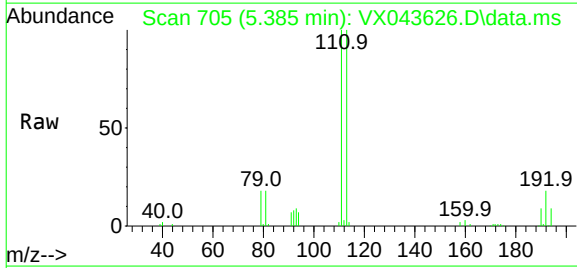
Acq: 30 Oct 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

PB164501ZHE#04



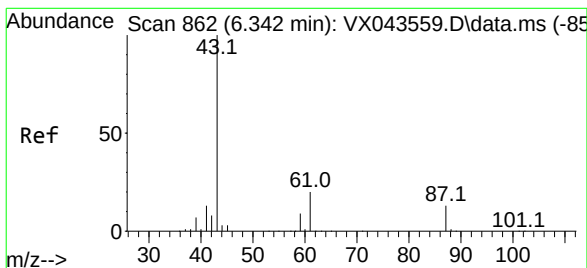
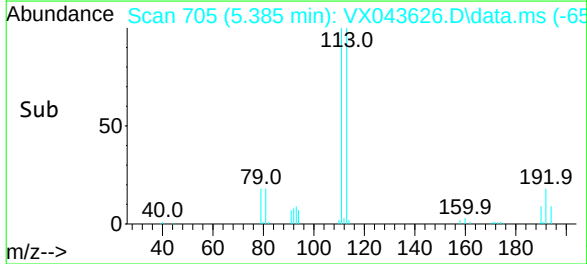
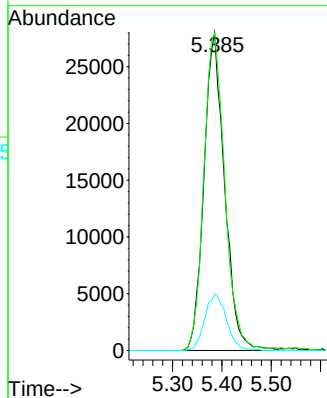
Tgt Ion: 113 Resp: 81224

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 18.6 14.1 21.1



#43

Isopropyl Acetate

Concen: 29.136 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043626.D

Acq: 30 Oct 2024 15:57

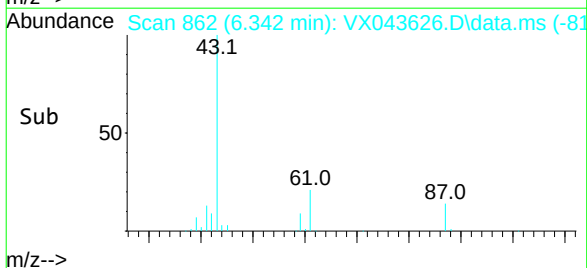
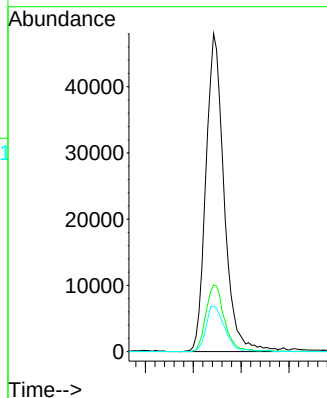
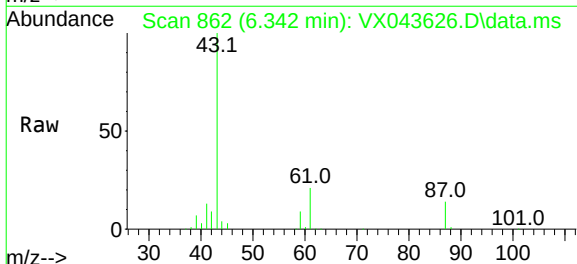
Tgt Ion: 43 Resp: 126547

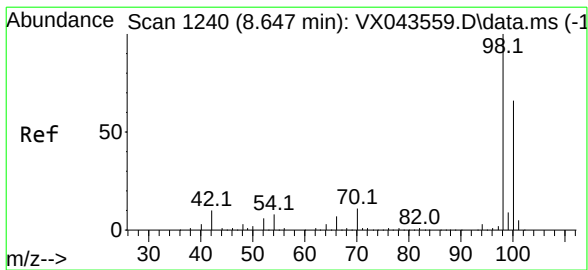
Ion Ratio Lower Upper

43 100

61 21.3 16.2 24.4

87 14.7 11.0 16.6





#50

Toluene-d8

Concen: 49.085 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043626.D

Acq: 30 Oct 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

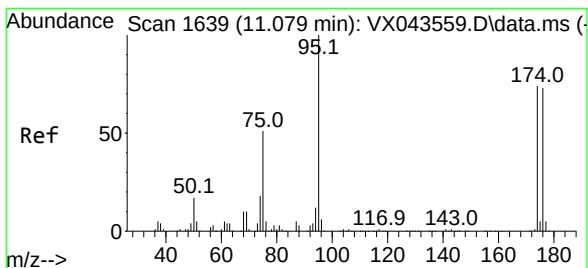
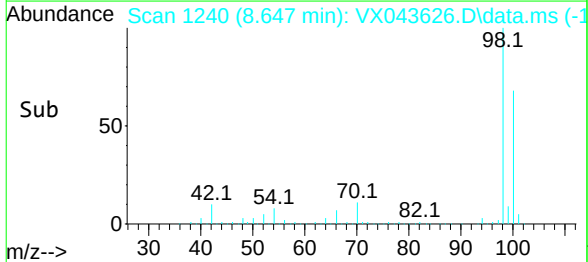
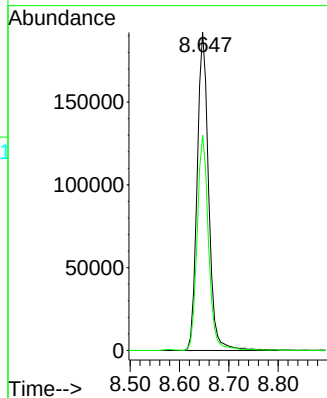
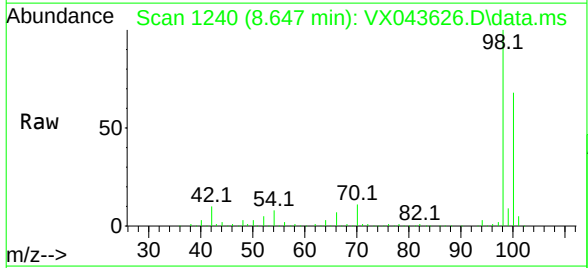
PB164501ZHE#04

Tgt Ion: 98 Resp: 309991

Ion Ratio Lower Upper

98 100

100 67.1 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 45.980 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043626.D

Acq: 30 Oct 2024 15:57

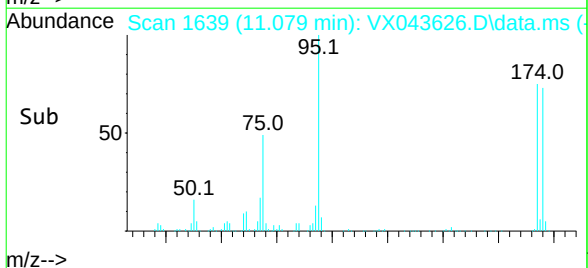
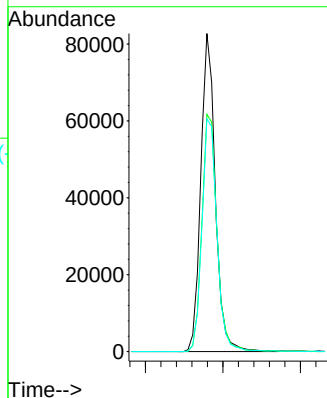
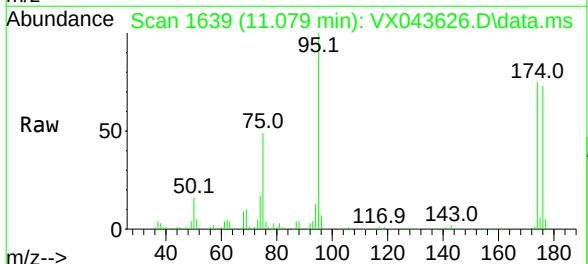
Tgt Ion: 95 Resp: 107600

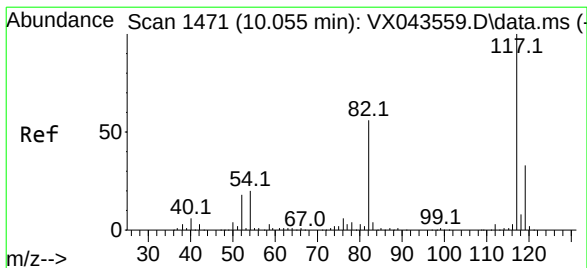
Ion Ratio Lower Upper

95 100

174 77.4 0.0 146.6

176 75.8 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043626.D

Acq: 30 Oct 2024 15:57

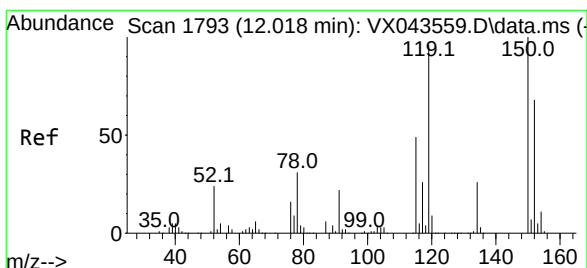
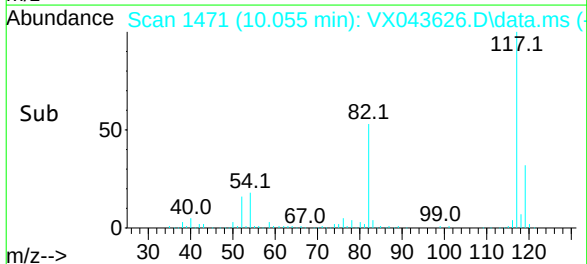
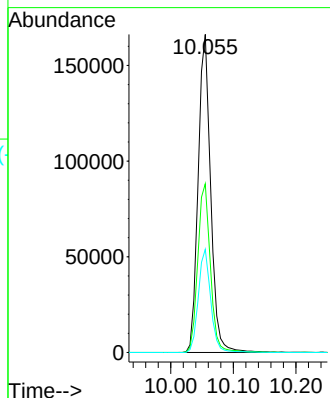
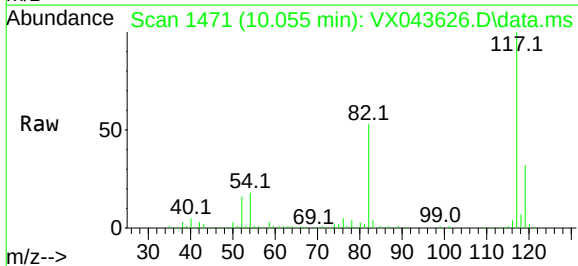
Instrument :

MSVOA_X

ClientSampleId :

PB164501ZHE#04

Tgt Ion:	117	Resp:	231444
Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.1	63.1
119	32.4	25.4	38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043626.D

Acq: 30 Oct 2024 15:57

Tgt Ion:	152	Resp:	104440
Ion	Ratio	Lower	Upper
152	100		
115	61.6	42.9	128.7
150	158.6	0.0	343.6

