

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044726.D
 Acq On : 27 Jan 2025 16:04
 Operator : JC/MD
 Sample : Q1169-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0006

Quant Time: Jan 28 04:14:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

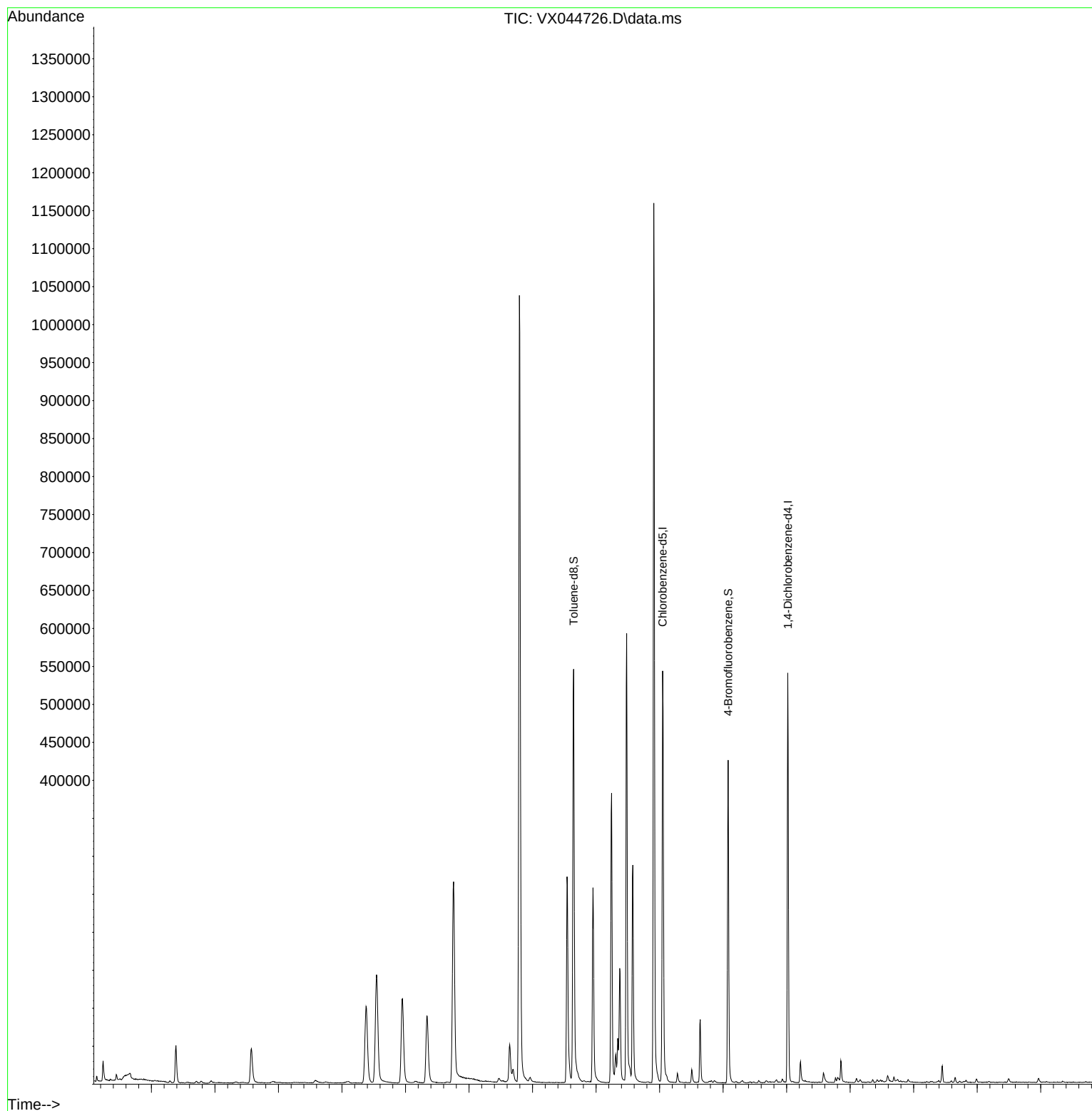
Internal Standards						
1) Pentafluorobenzene	5.544	168	141001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	286144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	250593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105047	49.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.720%		
35) Dibromofluoromethane	5.379	113	91548	50.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.720%		
50) Toluene-d8	8.647	98	345312	54.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.960%		
62) 4-Bromofluorobenzene	11.079	95	119925	50.754	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.500%		
Target Compounds						
16) Acetone	2.386	43	53631	63.691	ug/l	99
18) Methyl Acetate	2.703	43	2853	1.098	ug/l	96
25) 2-Butanone	4.580	43	7123	5.689	ug/l	94
43) Isopropyl Acetate	6.342	43	129831	26.190	ug/l	99

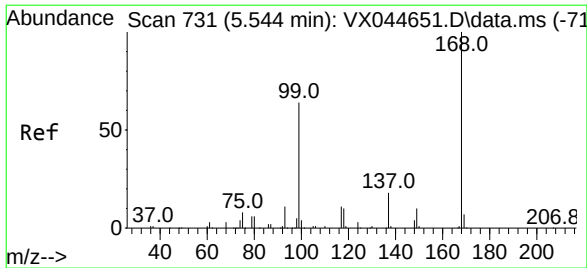
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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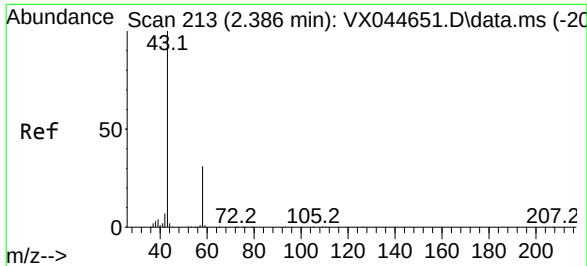
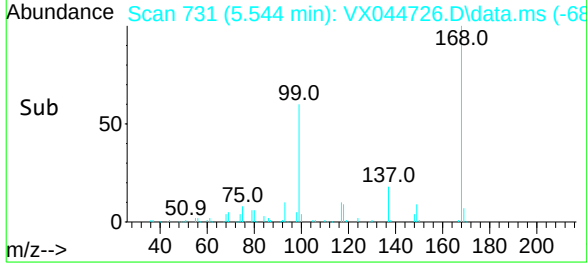
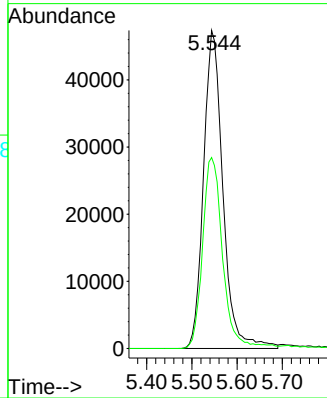
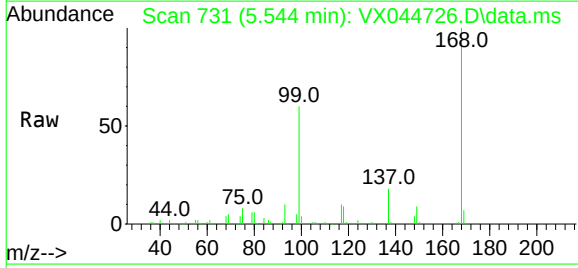




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

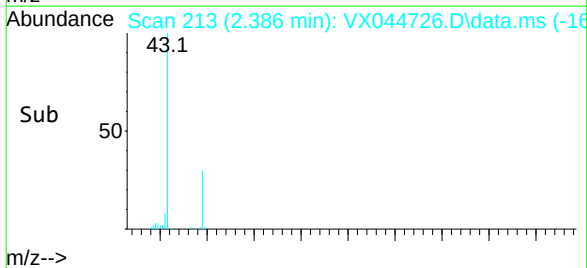
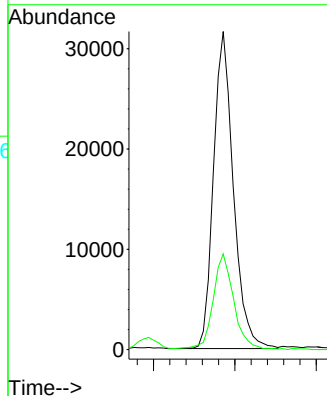
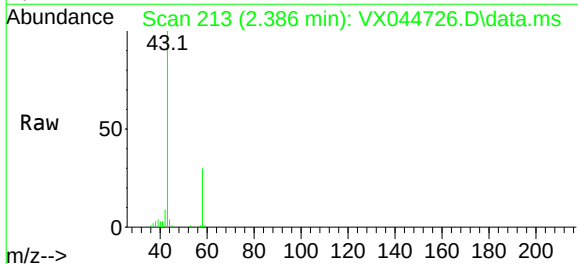
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

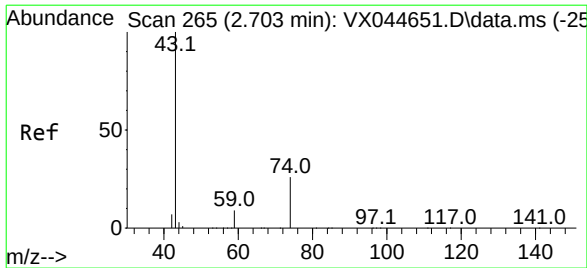
Tgt Ion:168 Resp: 141001
Ion Ratio Lower Upper
168 100
99 60.0 51.1 76.7



#16
Acetone
Concen: 63.691 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 43 Resp: 53631
Ion Ratio Lower Upper
43 100
58 30.0 24.6 37.0





#18

Methyl Acetate

Concen: 1.098 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044726.D

Acq: 27 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

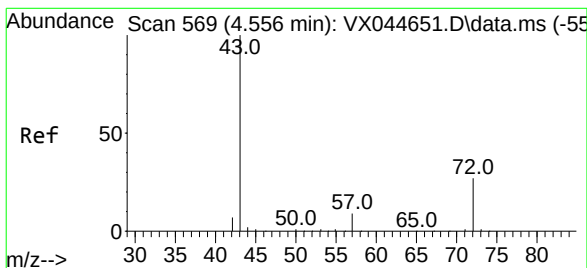
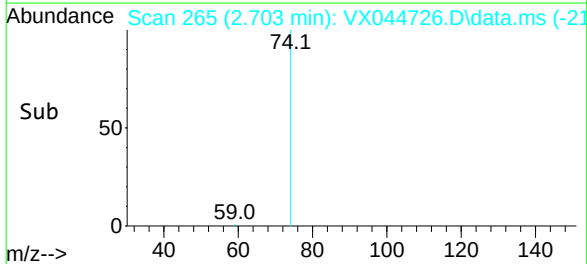
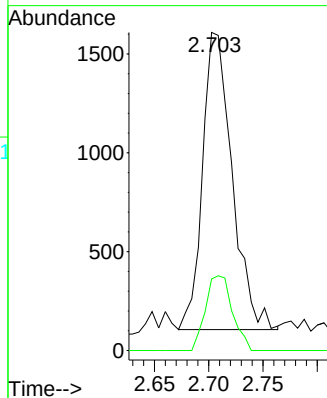
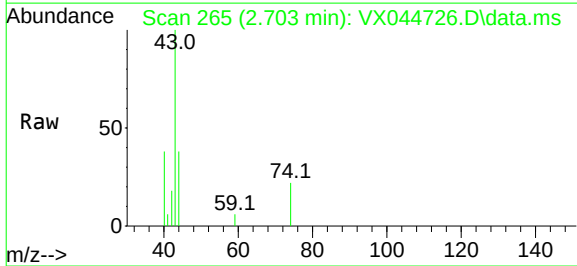
ARS20-0006

Tgt Ion: 43 Resp: 2853

Ion Ratio Lower Upper

43 100

74 22.8 19.8 29.8



#25

2-Butanone

Concen: 5.689 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX044726.D

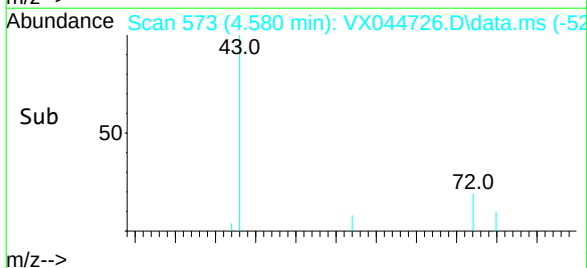
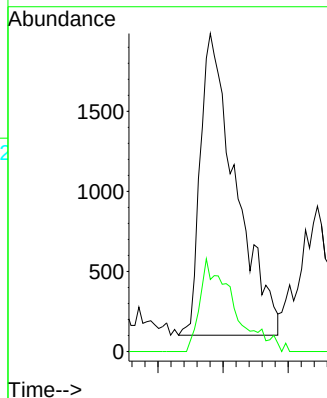
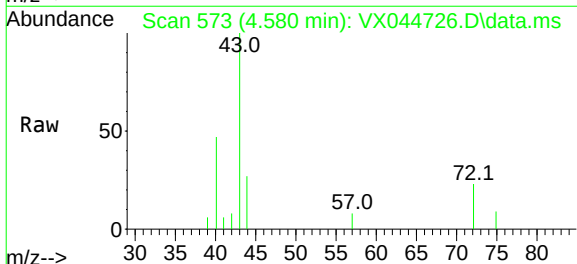
Acq: 27 Jan 2025 16:04

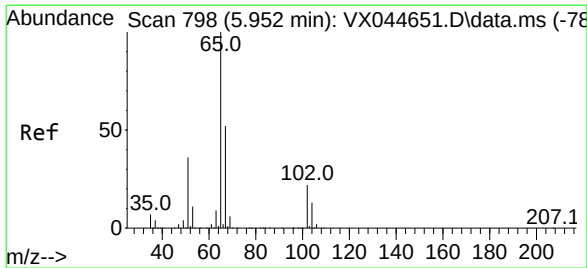
Tgt Ion: 43 Resp: 7123

Ion Ratio Lower Upper

43 100

72 23.9 21.7 32.5

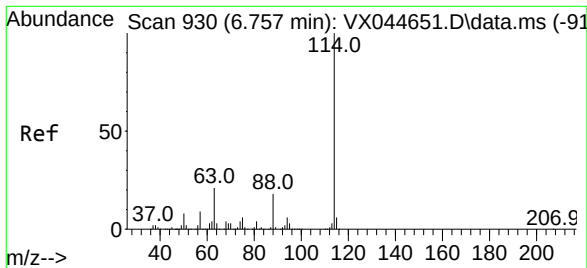
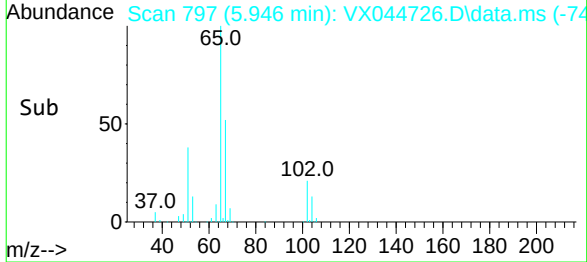
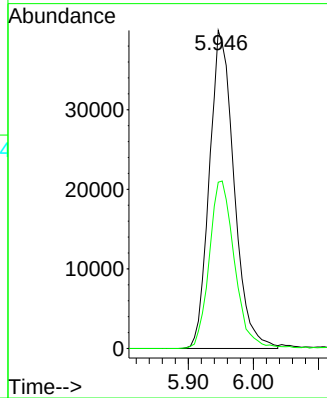
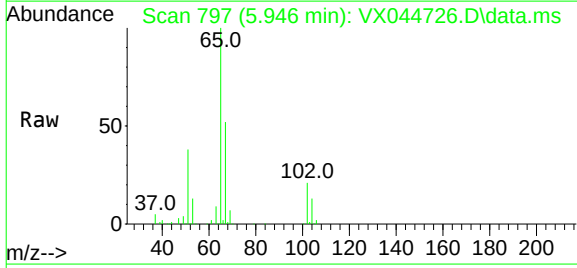




#33
1,2-Dichloroethane-d4
Concen: 49.357 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

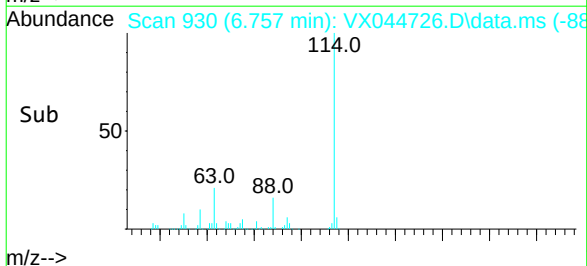
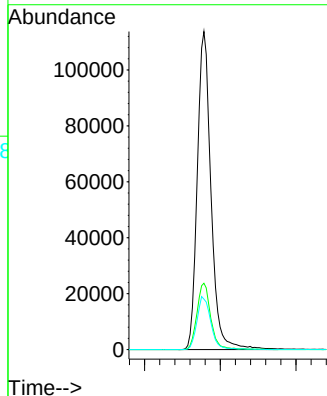
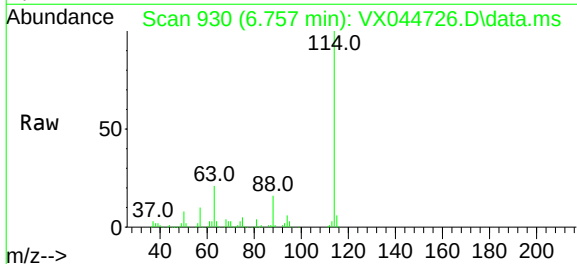
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

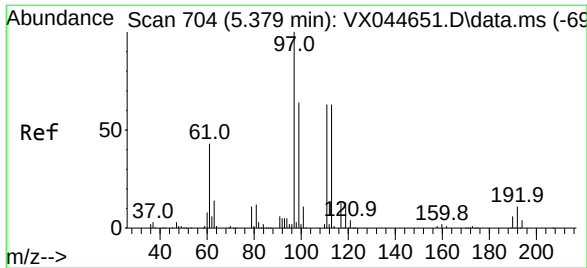
Tgt Ion: 65 Resp: 105047
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 114 Resp: 286144
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.0
88 15.9 0.0 35.4

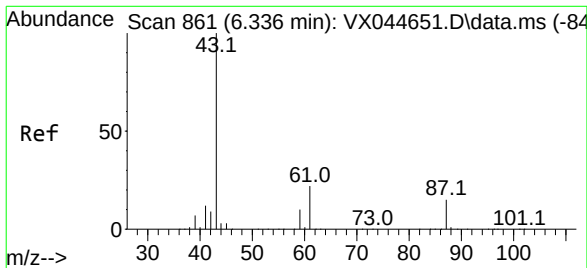
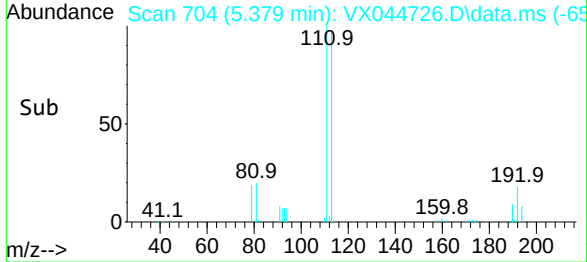
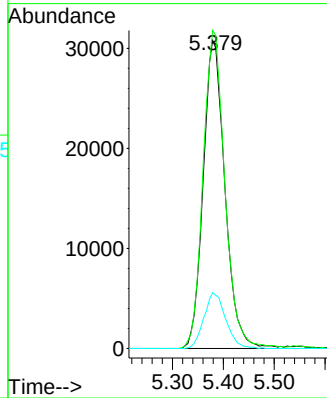
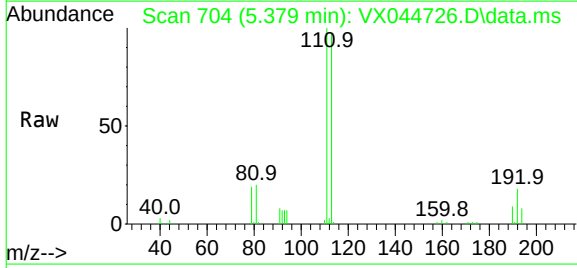




#35
Dibromofluoromethane
Concen: 50.361 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

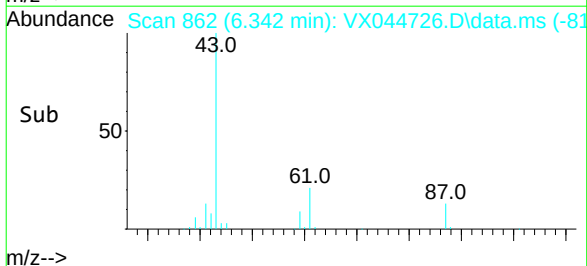
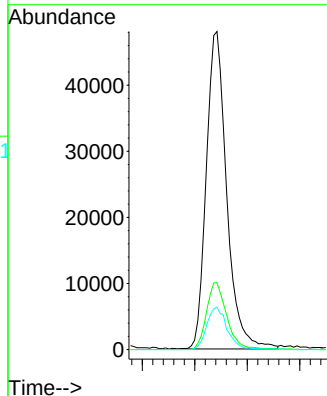
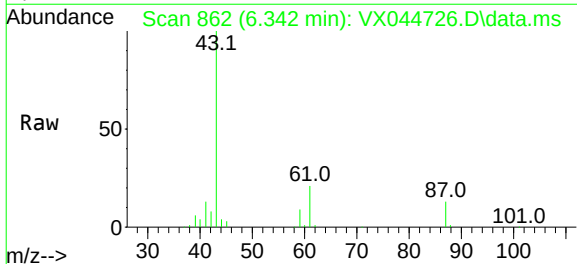
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

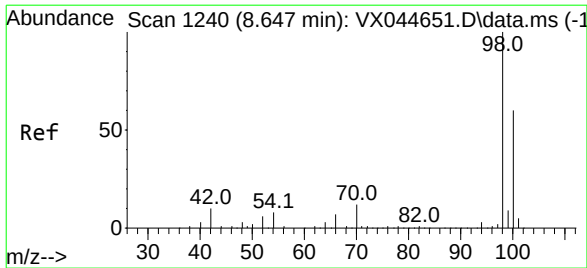
Tgt Ion: 113 Resp: 91548
Ion Ratio Lower Upper
113 100
111 103.6 81.6 122.4
192 18.1 14.4 21.6



#43
Isopropyl Acetate
Concen: 26.190 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 43 Resp: 129831
Ion Ratio Lower Upper
43 100
61 20.9 16.6 24.8
87 13.4 11.0 16.6





#50

Toluene-d8

Concen: 54.479 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044726.D

Acq: 27 Jan 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

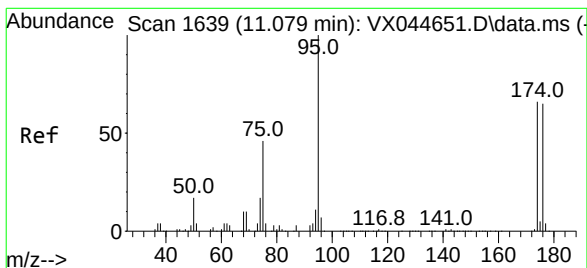
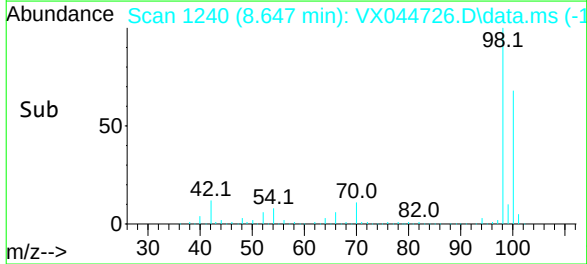
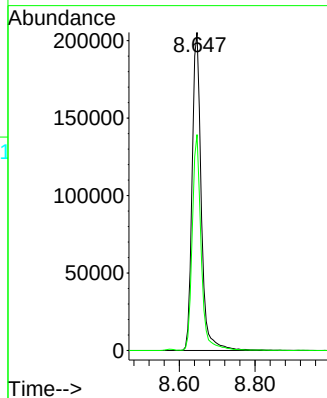
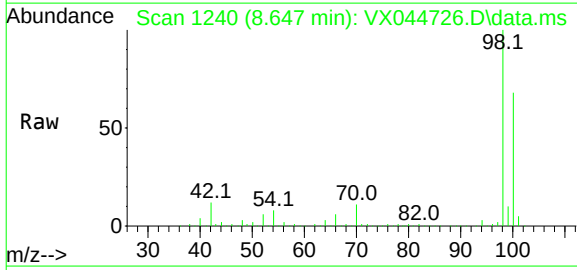
ARS20-0006

Tgt Ion: 98 Resp: 345312

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 50.754 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044726.D

Acq: 27 Jan 2025 16:04

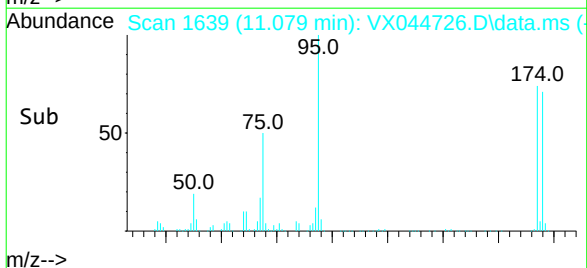
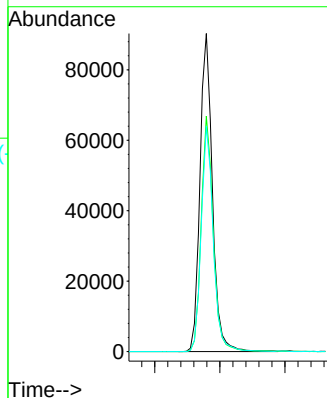
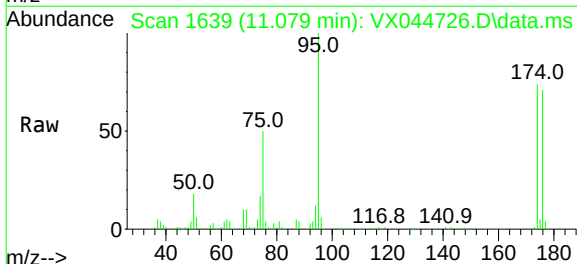
Tgt Ion: 95 Resp: 119925

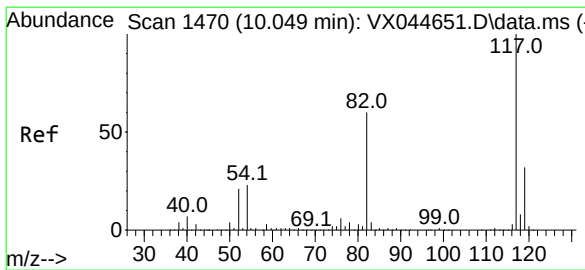
Ion Ratio Lower Upper

95 100

174 71.5 0.0 133.0

176 68.7 0.0 129.4

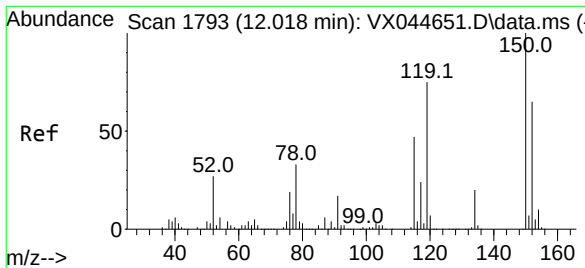
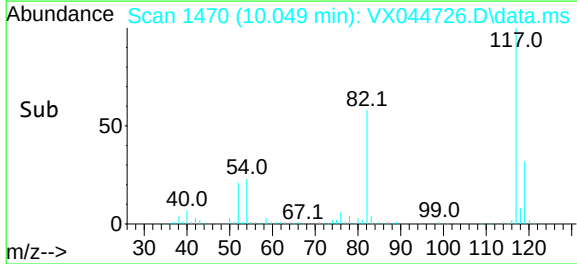
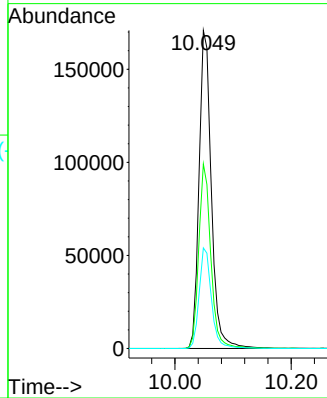
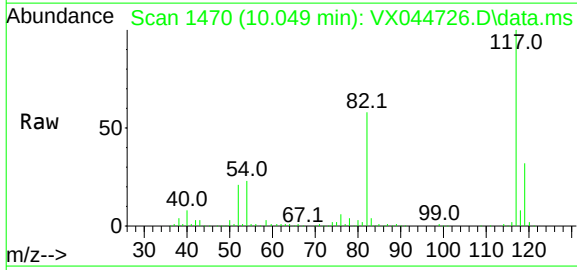




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion:117 Resp: 250593
Ion Ratio Lower Upper
117 100
82 58.0 47.6 71.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion:152 Resp: 106831
Ion Ratio Lower Upper
152 100
115 62.6 43.8 131.4
150 158.6 0.0 347.8

