

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040909.D
 Acq On : 05 Apr 2024 17:17
 Operator : JC/MD
 Sample : P1996-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP1

Quant Time: Apr 05 23:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

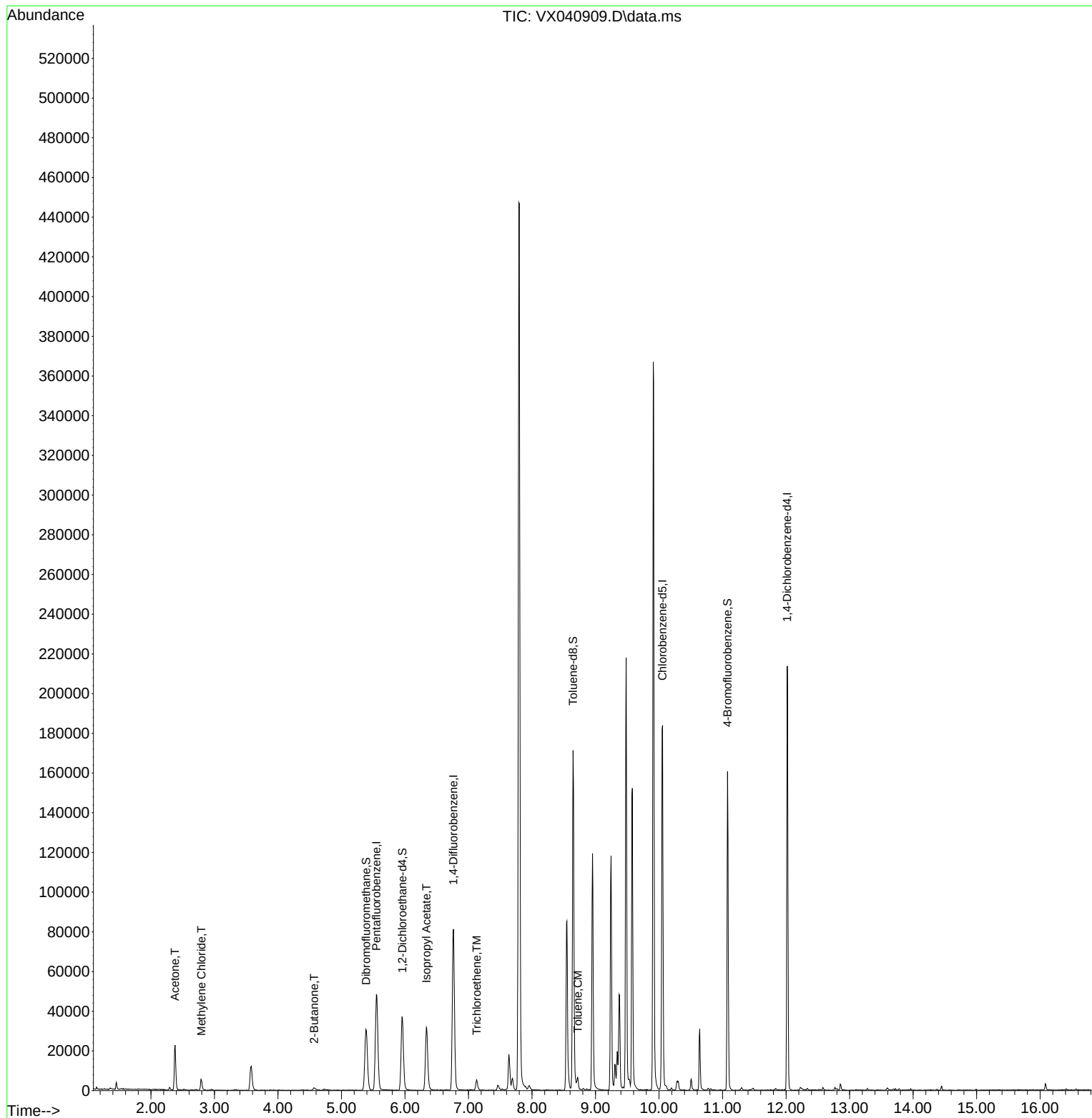
Internal Standards						
1) Pentafluorobenzene	5.550	168	41288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	77684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	40106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37839	51.077	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.160%	
35) Dibromofluoromethane	5.385	113	26324	47.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.220%	
50) Toluene-d8	8.647	98	97977	49.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.080%	
62) 4-Bromofluorobenzene	11.079	95	41072	51.477	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.960%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	24695	85.850	ug/l	99
20) Methylene Chloride	2.794	84	2498	4.686	ug/l	97
25) 2-Butanone	4.568	43	2424	5.673	ug/l	100
43) Isopropyl Acetate	6.336	43	44644	29.965	ug/l	97
44) Trichloroethene	7.129	130	1742	3.199	ug/l	96
52) Toluene	8.720	92	2003	1.456	ug/l	100

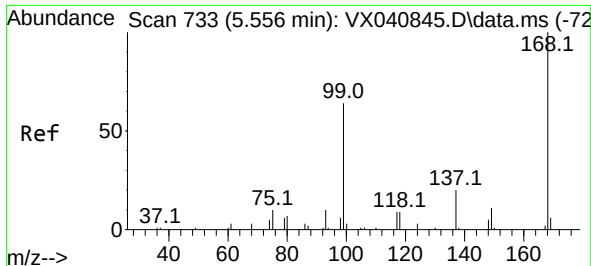
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration

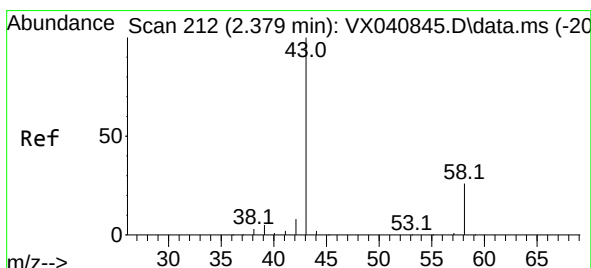
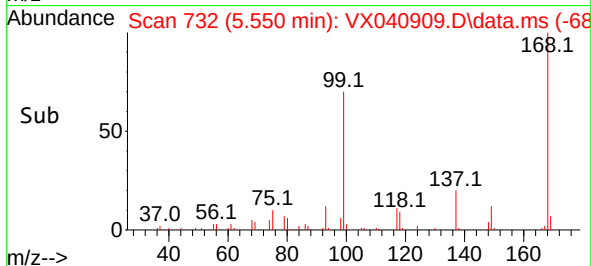
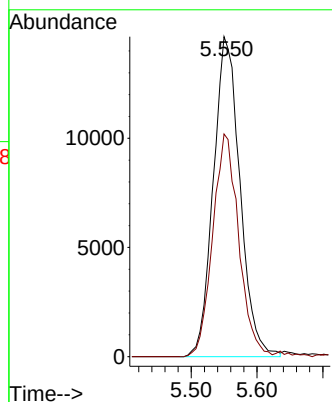
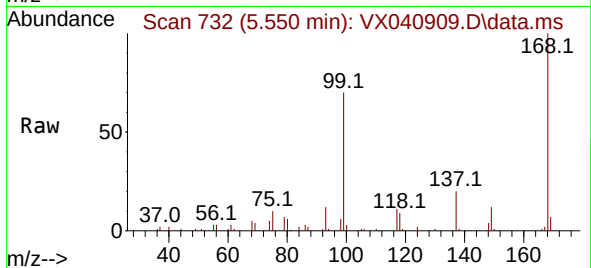




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

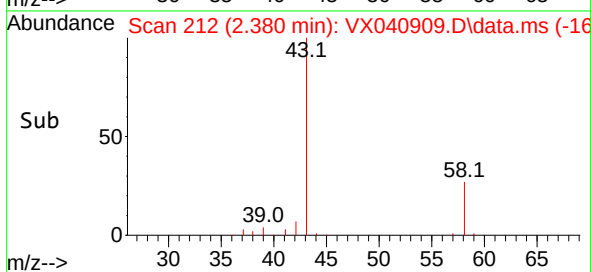
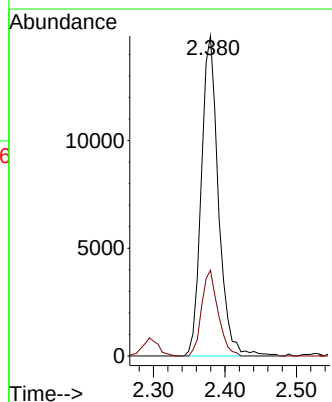
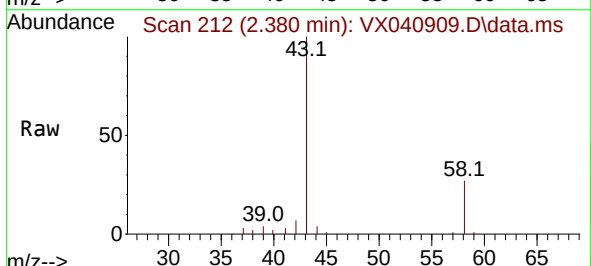
Instrument :
MSVOA_X
ClientSampleId :
TP1

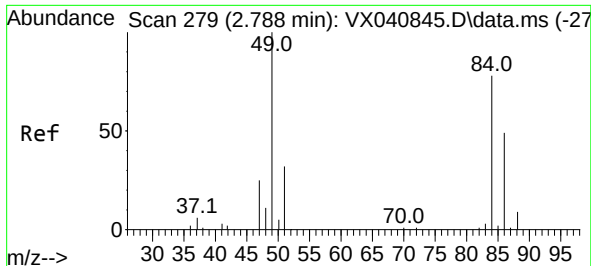
Tgt Ion:168 Resp: 41288
Ion Ratio Lower Upper
168 100
99 69.6 56.6 85.0



#16
Acetone
Concen: 85.850 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

Tgt Ion: 43 Resp: 24695
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9

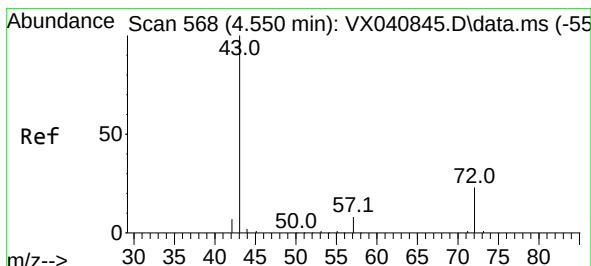
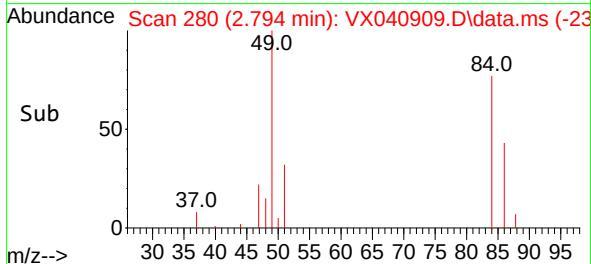
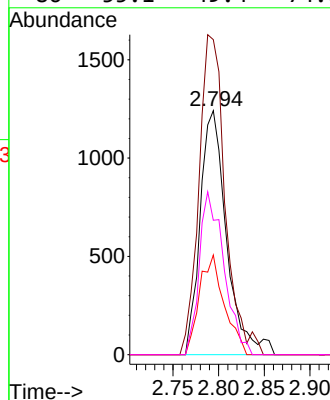
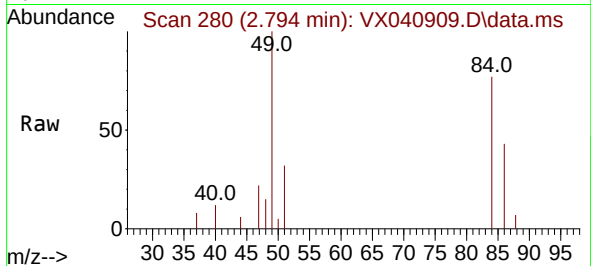




#20
Methylene Chloride
Concen: 4.686 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

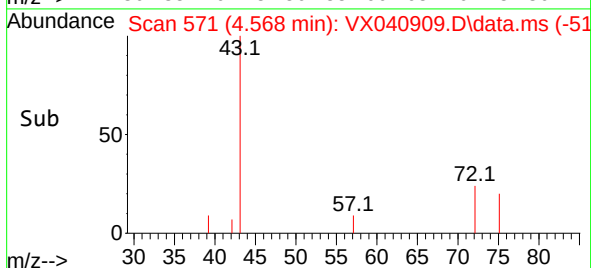
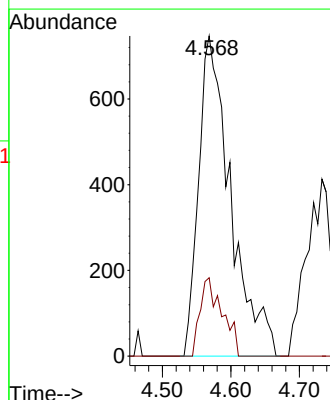
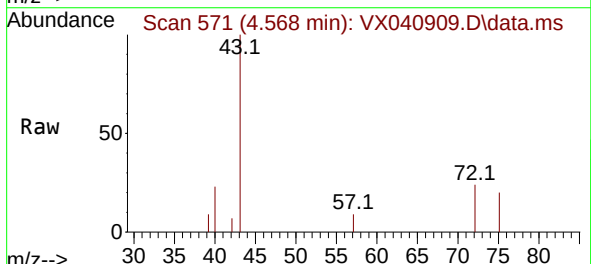
Instrument :
MSVOA_X
ClientSampleId :
TP1

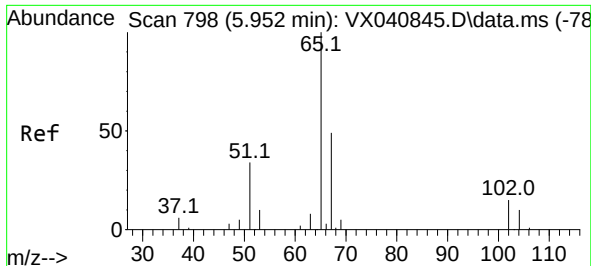
Tgt Ion: 84	Resp: 2498
Ion Ratio	Lower Upper
84 100	
49 129.2	103.6 155.4
51 40.9	33.8 50.6
86 55.1	49.4 74.0



#25
2-Butanone
Concen: 5.673 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

Tgt Ion: 43	Resp: 2424		
Ion Ratio	Lower	Upper	
43 100			
72 24.5	19.4	29.2	





#33

1,2-Dichloroethane-d4

Concen: 51.077 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040909.D

Acq: 05 Apr 2024 17:17

Instrument :

MSVOA_X

ClientSampleId :

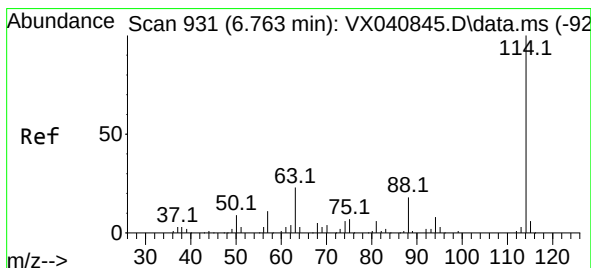
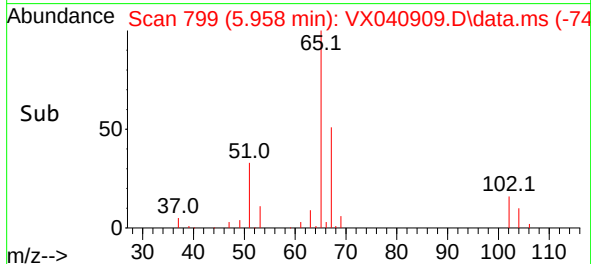
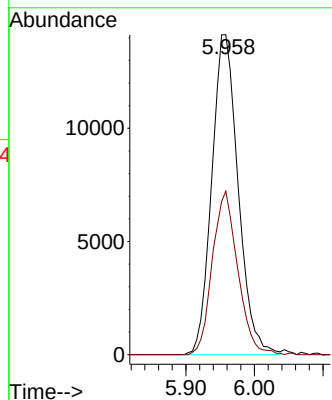
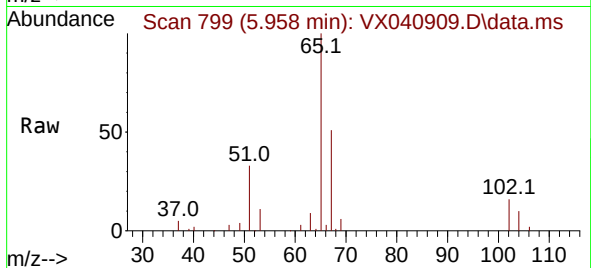
TP1

Tgt Ion: 65 Resp: 37839

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040909.D

Acq: 05 Apr 2024 17:17

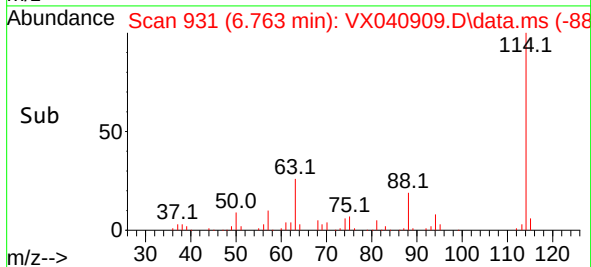
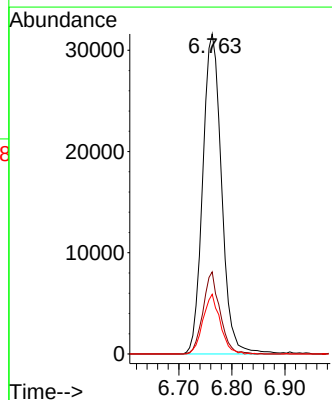
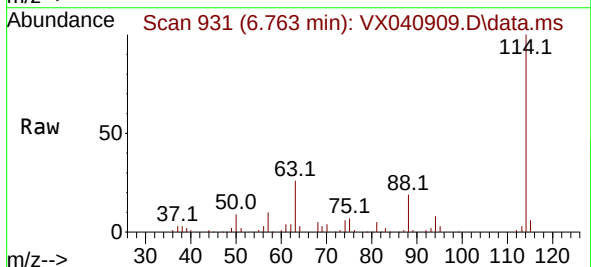
Tgt Ion: 114 Resp: 78063

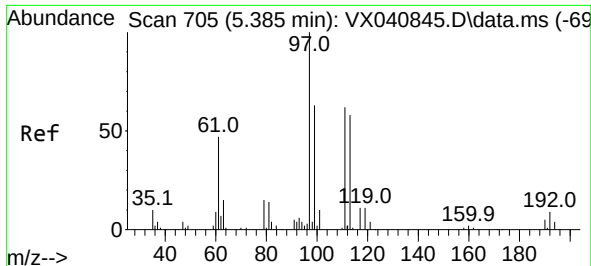
Ion Ratio Lower Upper

114 100

63 25.7 0.0 45.0

88 18.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.609 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040909.D

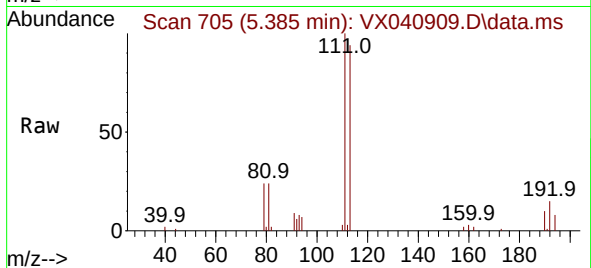
Acq: 05 Apr 2024 17:17

Instrument :

MSVOA_X

ClientSampleId :

TP1



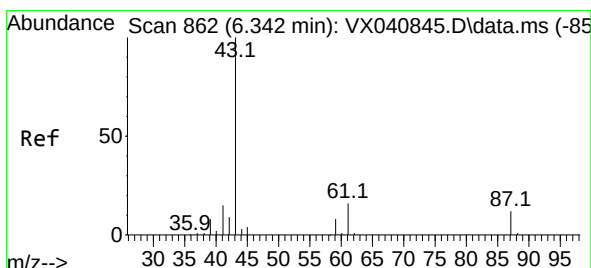
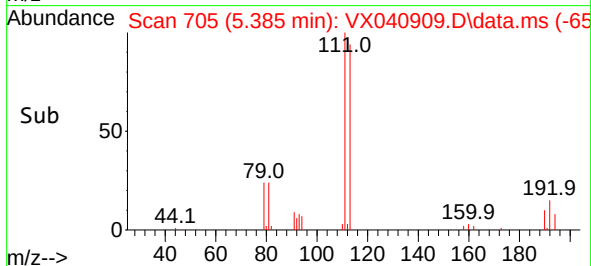
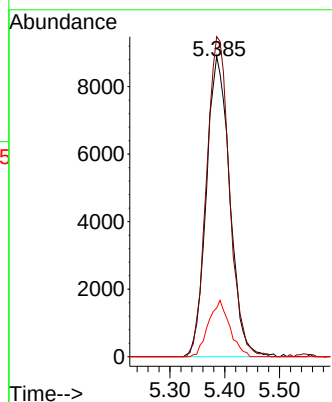
Tgt Ion:113 Resp: 26324

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

192 17.1 13.3 19.9



#43

Isopropyl Acetate

Concen: 29.965 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX040909.D

Acq: 05 Apr 2024 17:17

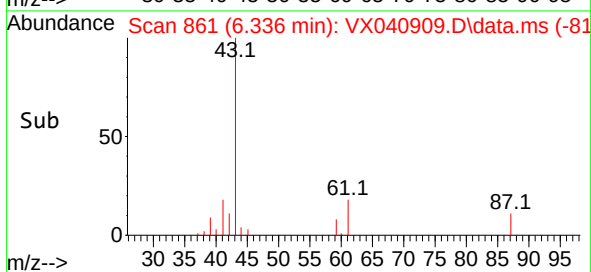
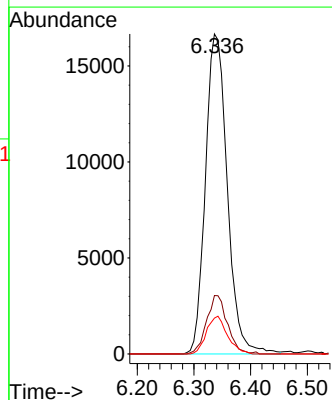
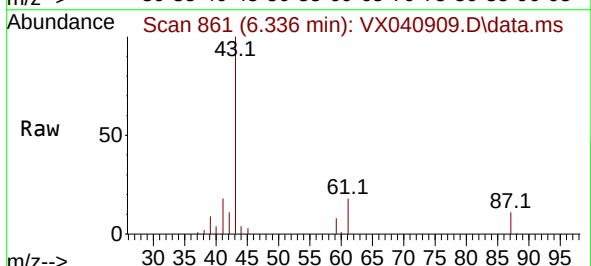
Tgt Ion: 43 Resp: 44644

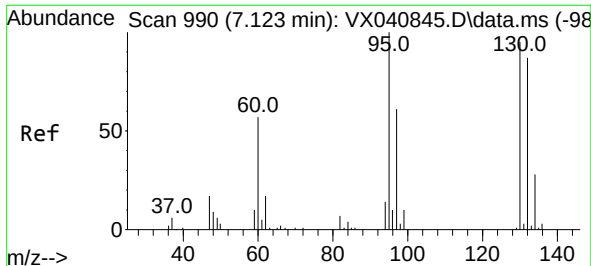
Ion Ratio Lower Upper

43 100

61 17.4 15.2 22.8

87 11.3 9.8 14.6

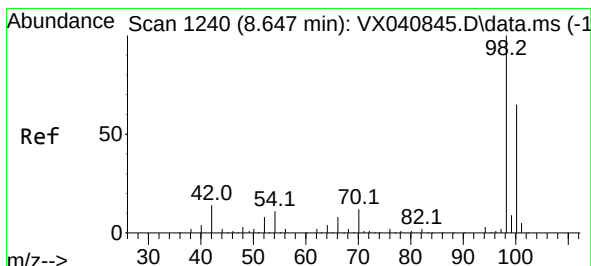
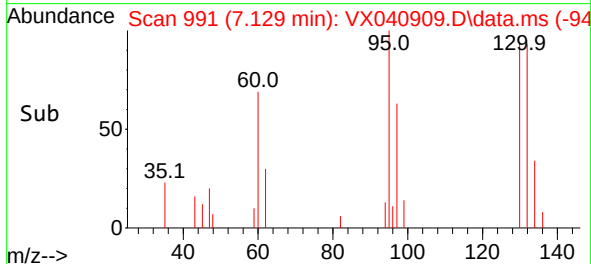
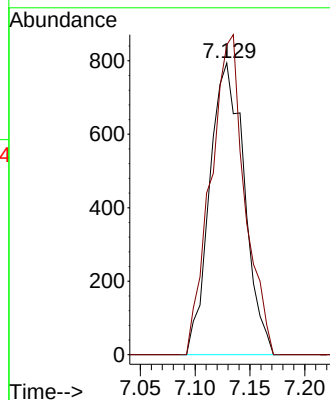
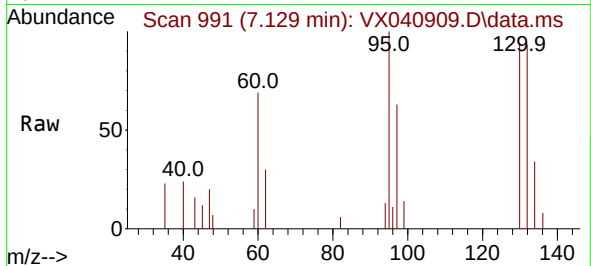




#44
Trichloroethene
Concen: 3.199 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

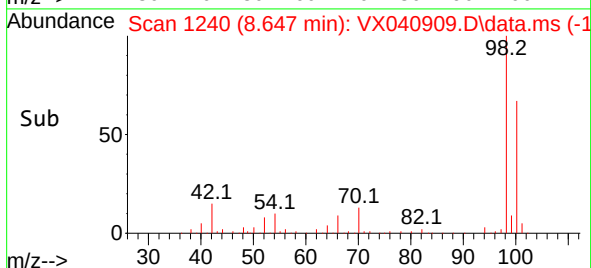
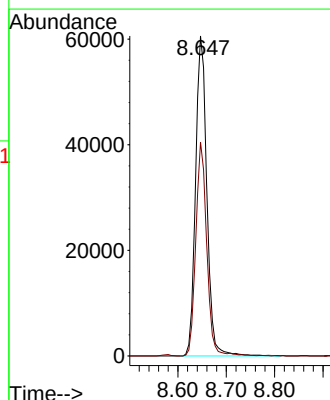
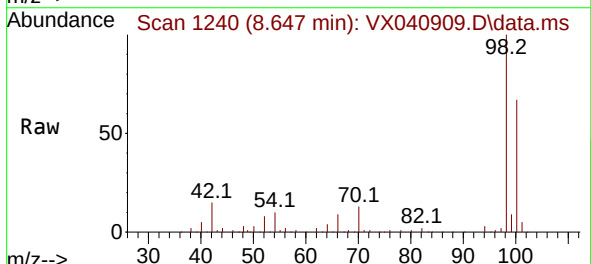
Instrument :
MSVOA_X
ClientSampleId :
TP1

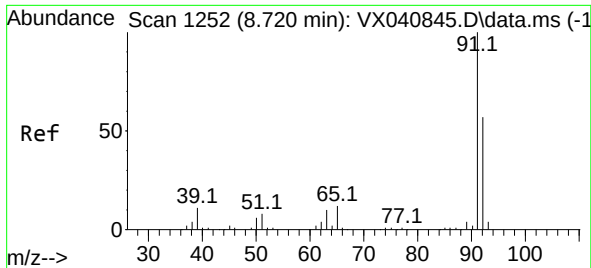
Tgt Ion:130 Resp: 1742
Ion Ratio Lower Upper
130 100
95 106.2 0.0 204.4



#50
Toluene-d8
Concen: 49.038 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

Tgt Ion: 98 Resp: 97977
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

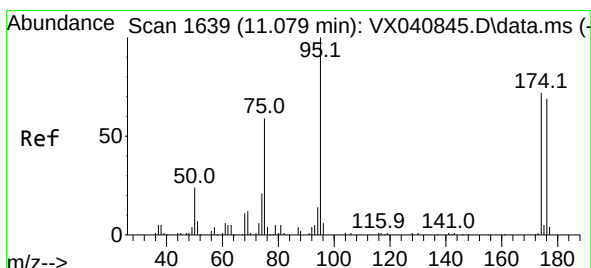
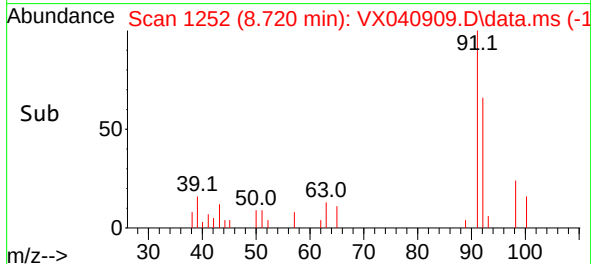
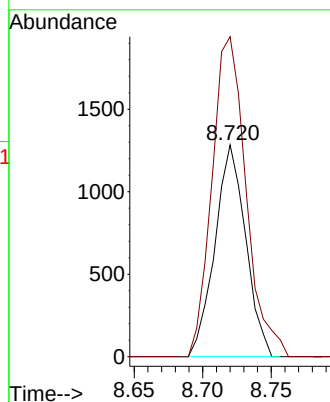
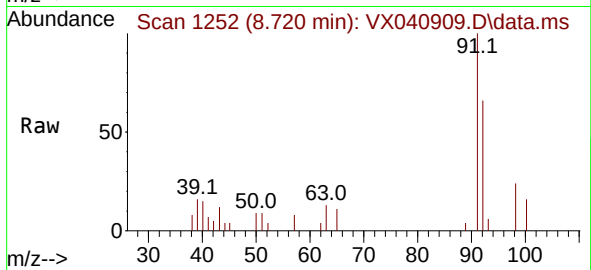




#52
Toluene
Concen: 1.456 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

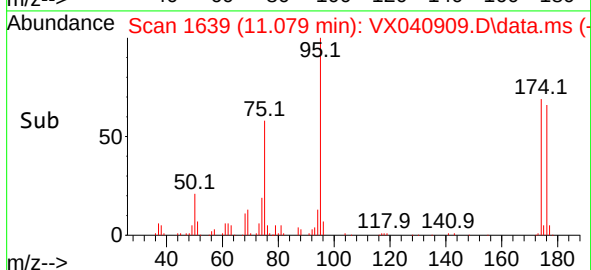
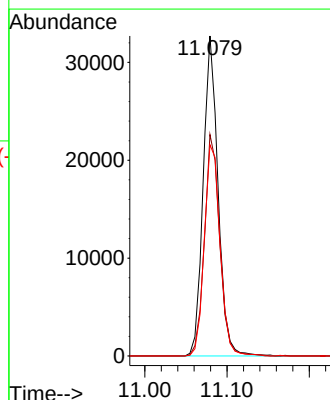
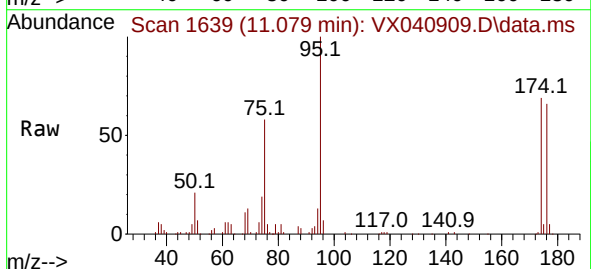
Instrument :
MSVOA_X
ClientSampleId :
TP1

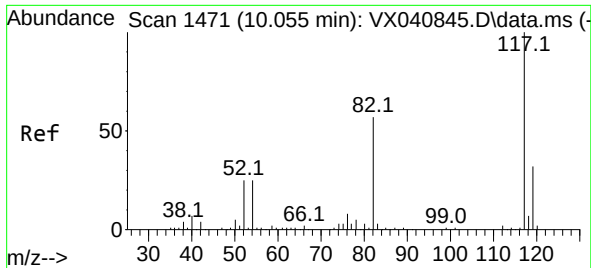
Tgt Ion: 92 Resp: 2003
Ion Ratio Lower Upper
92 100
91 167.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

Tgt Ion: 95 Resp: 41072
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.6
176 70.2 0.0 131.0

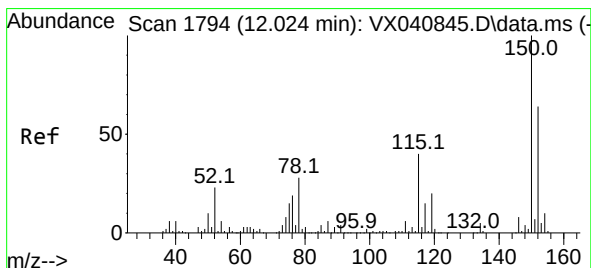
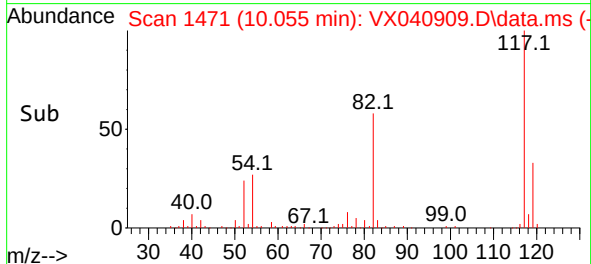
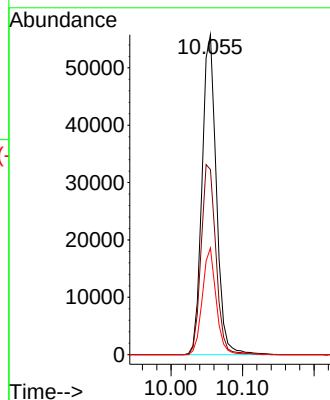
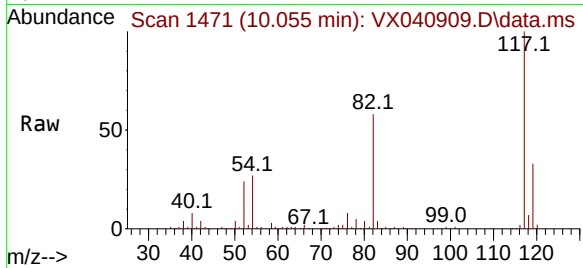




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

Instrument :
MSVOA_X
ClientSampleId :
TP1

Tgt Ion:	117	Resp:	77684
Ion Ratio	Lower	Upper	
117	100		
82	57.9	46.2	69.4
119	33.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040909.D
Acq: 05 Apr 2024 17:17

Tgt Ion:	152	Resp:	40106
Ion Ratio	Lower	Upper	
152	100		
115	65.4	43.3	129.9
150	156.2	0.0	345.0

