

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042268.D
 Acq On : 10 Jul 2024 15:33
 Operator : JC/MD
 Sample : PB161974ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#09

Quant Time: Jul 11 00:58:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

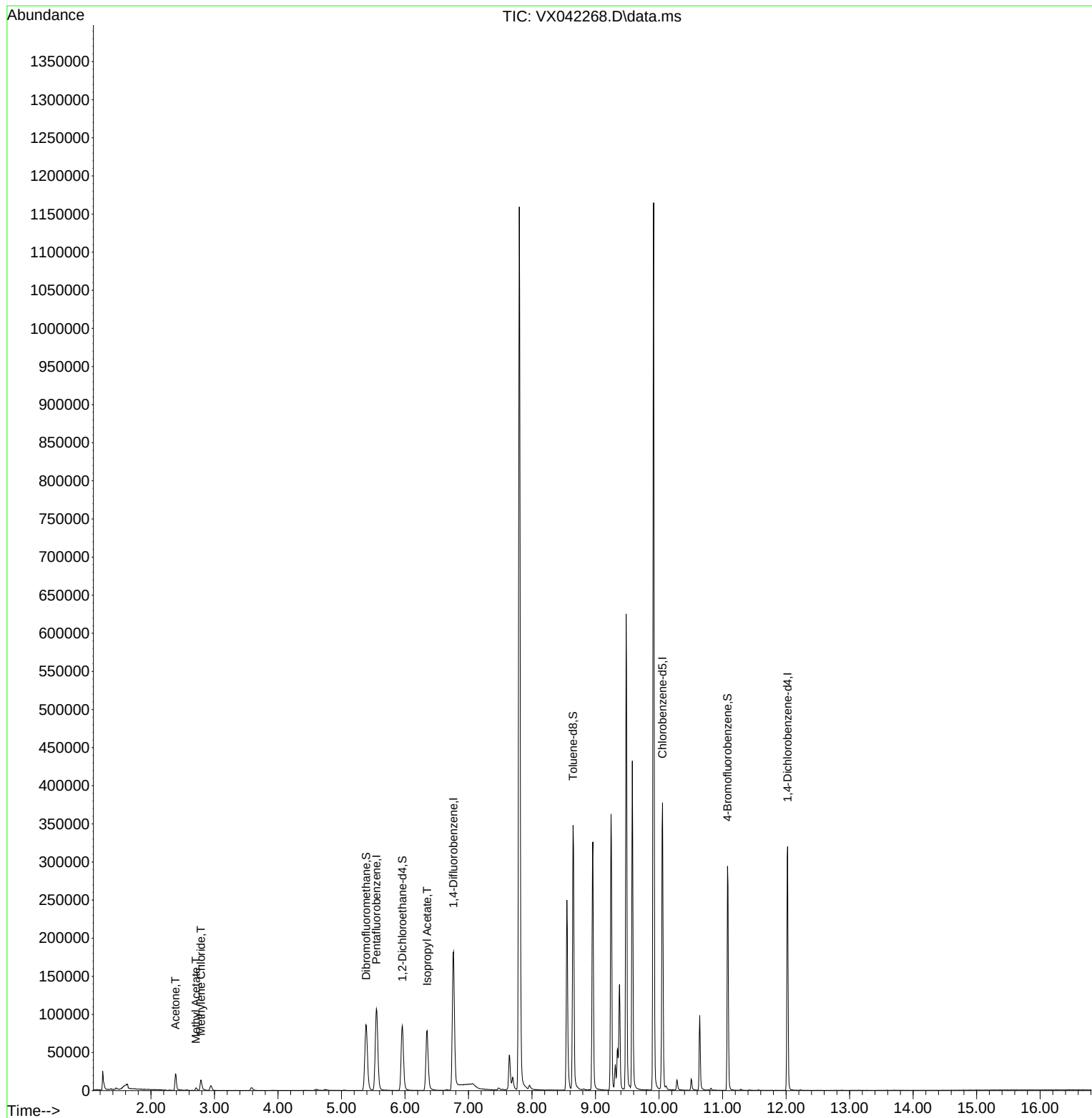
Internal Standards						
1) Pentafluorobenzene	5.550	168	120877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	208722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82050	58.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.740%#	
35) Dibromofluoromethane	5.385	113	76834	51.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.760%	
50) Toluene-d8	8.647	98	217977	41.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 83.800%#	
62) 4-Bromofluorobenzene	11.079	95	78249	40.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 81.600%#	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	24643	40.263	ug/l	# 87
18) Methyl Acetate	2.709	43	4264	2.554	ug/l	99
20) Methylene Chloride	2.788	84	8378	6.251	ug/l	90
43) Isopropyl Acetate	6.348	43	109130	34.704	ug/l	# 94

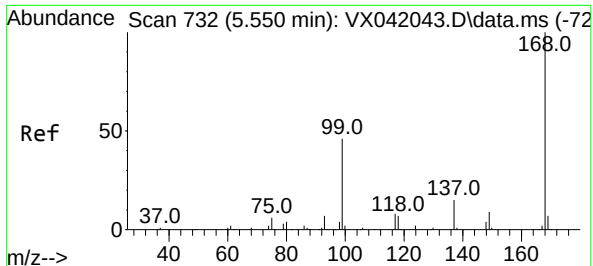
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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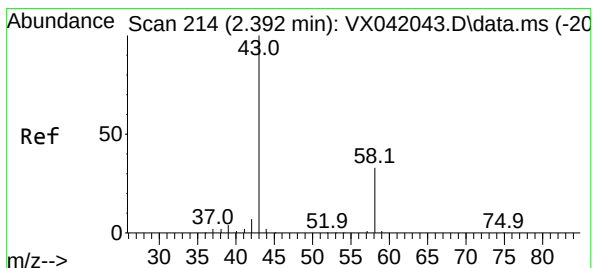
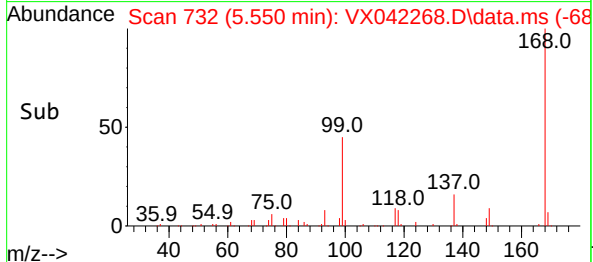
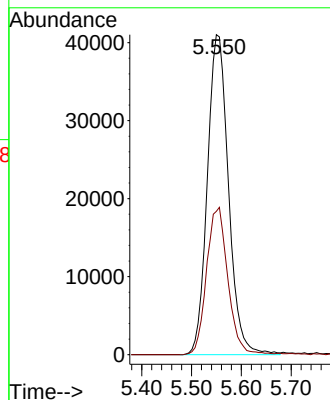
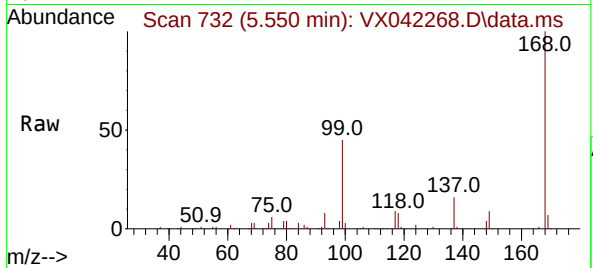




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

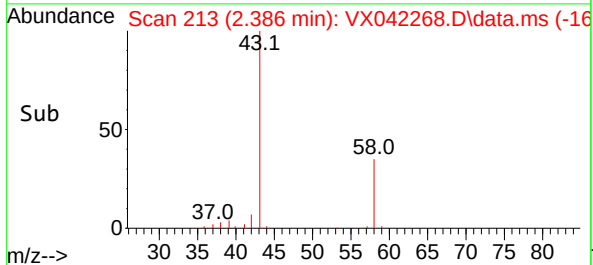
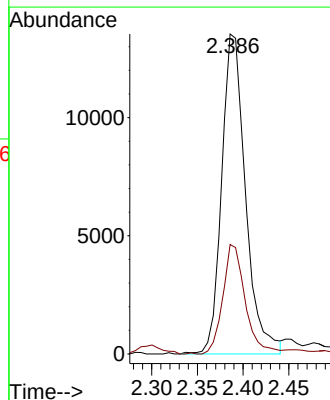
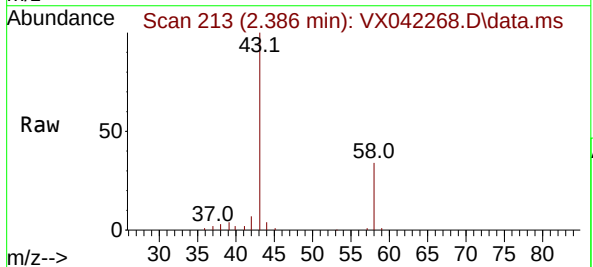
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#09

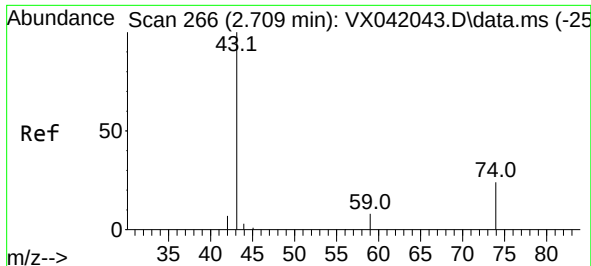
Tgt Ion:168 Resp: 120877
Ion Ratio Lower Upper
168 100
99 44.8 56.6 85.0#



#16
Acetone
Concen: 40.263 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

Tgt Ion: 43 Resp: 24643
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#

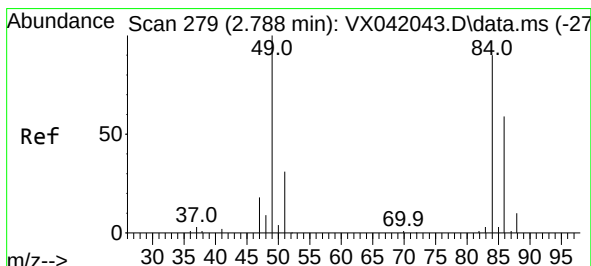
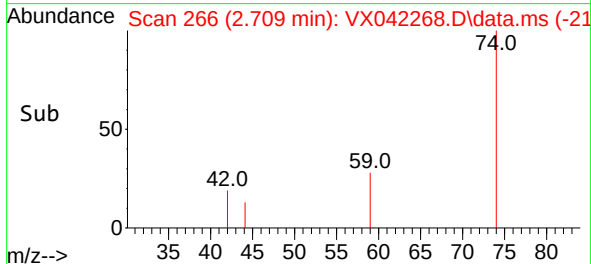
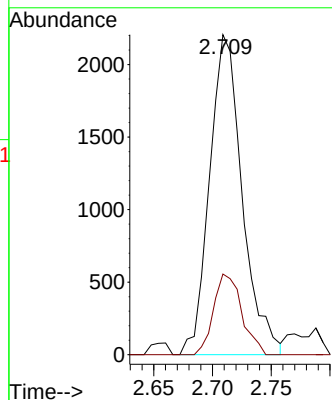
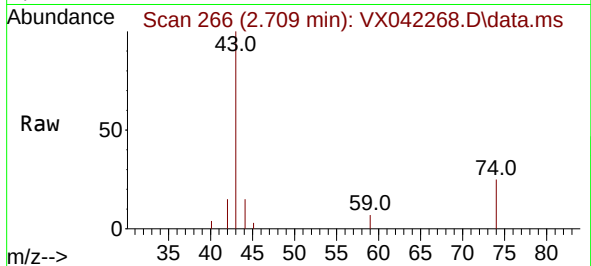




#18
Methyl Acetate
Concen: 2.554 ug/l
RT: 2.709 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

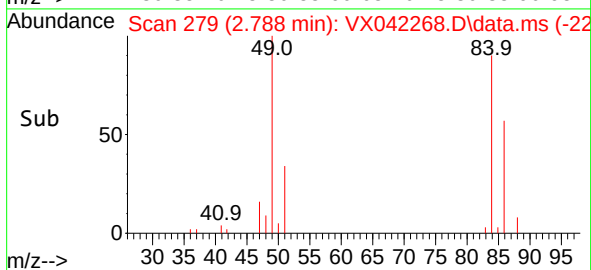
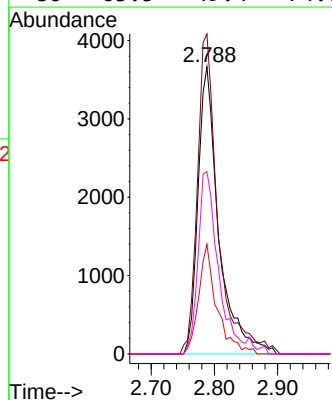
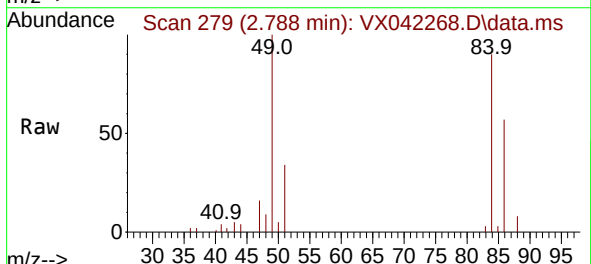
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#09

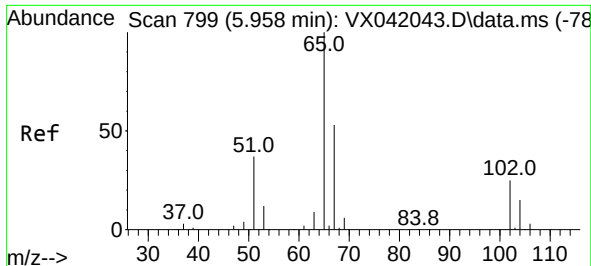
Tgt Ion: 43 Resp: 4264
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 6.251 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

Tgt Ion: 84 Resp: 8378
Ion Ratio Lower Upper
84 100
49 111.4 103.6 155.4
51 38.2 33.8 50.6
86 63.5 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 58.865 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042268.D

Acq: 10 Jul 2024 15:33

Instrument :

MSVOA_X

ClientSampleId :

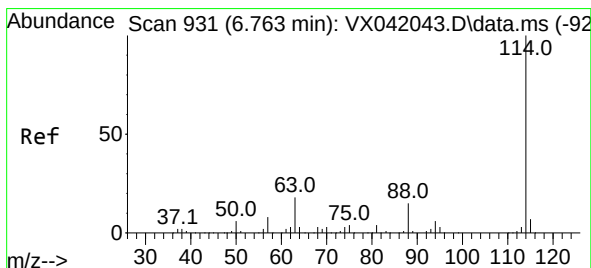
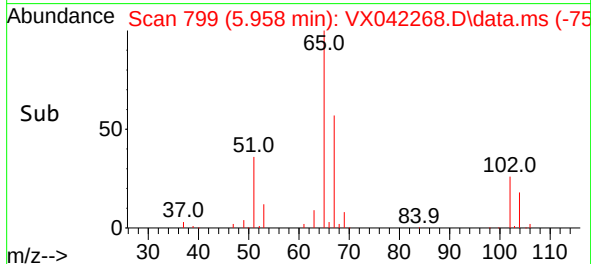
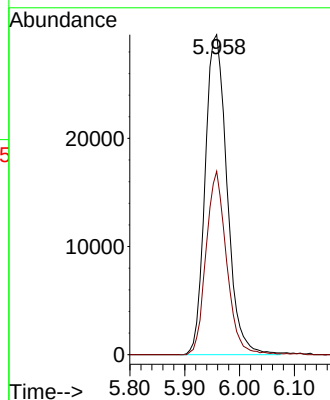
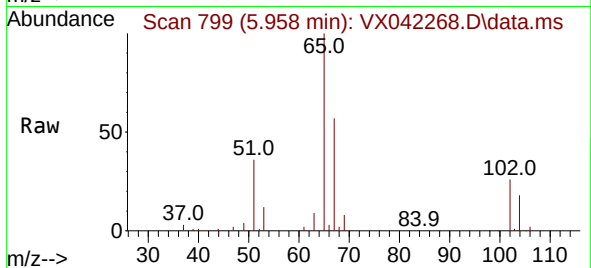
PB161974ZHE#09

Tgt Ion: 65 Resp: 82050

Ion Ratio Lower Upper

65 100

67 53.8 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: VX042268.D

Acq: 10 Jul 2024 15:33

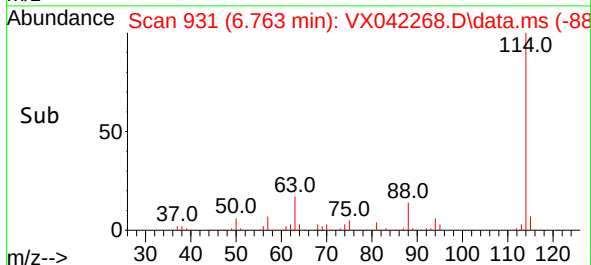
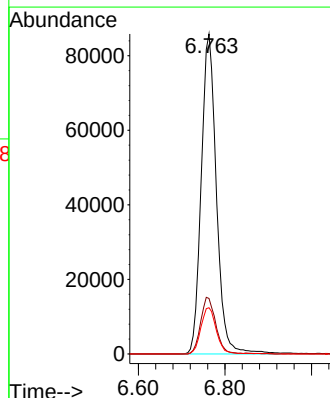
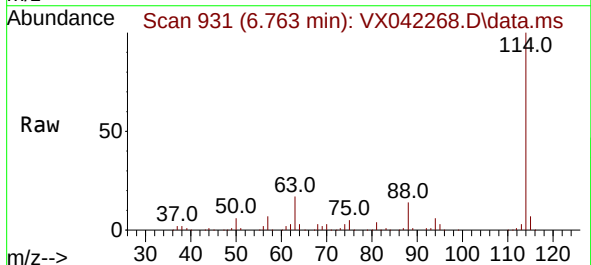
Tgt Ion: 114 Resp: 208722

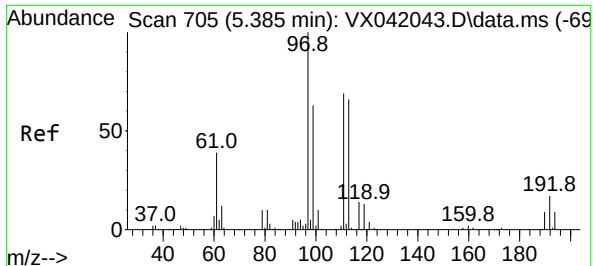
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

88 14.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.880 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042268.D

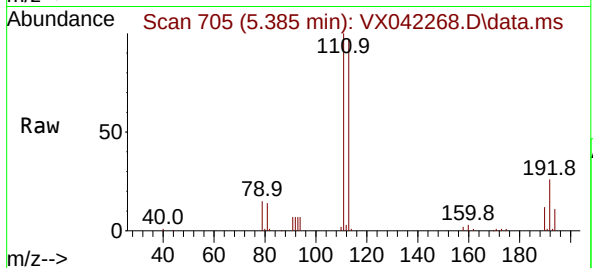
Acq: 10 Jul 2024 15:33

Instrument :

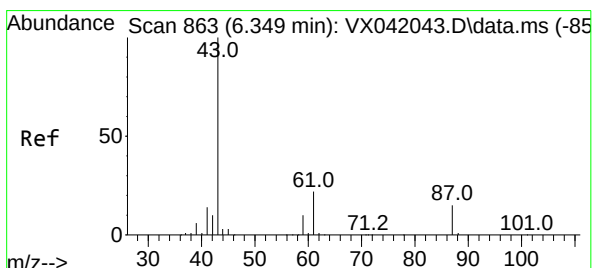
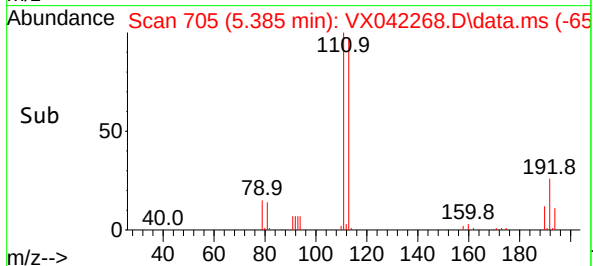
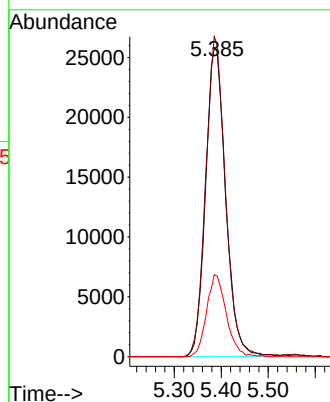
MSVOA_X

ClientSampleId :

PB161974ZHE#09



Tgt Ion:	113	Resp:	76834
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	26.0	13.3	19.9#



#43

Isopropyl Acetate

Concen: 34.704 ug/l

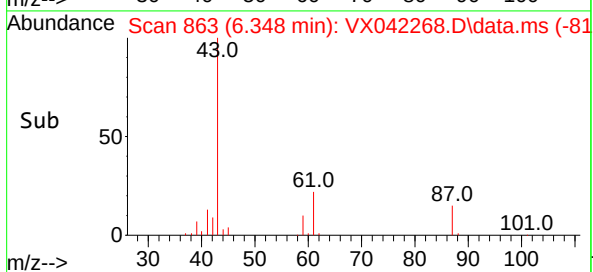
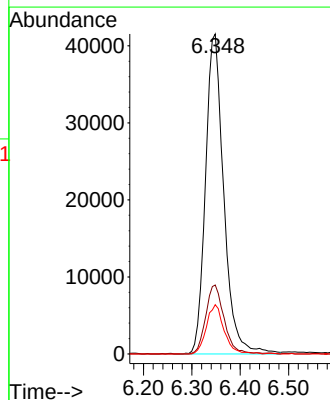
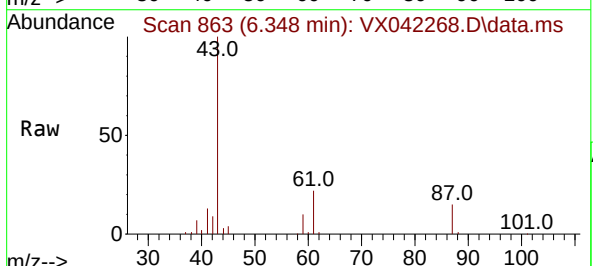
RT: 6.348 min Scan# 863

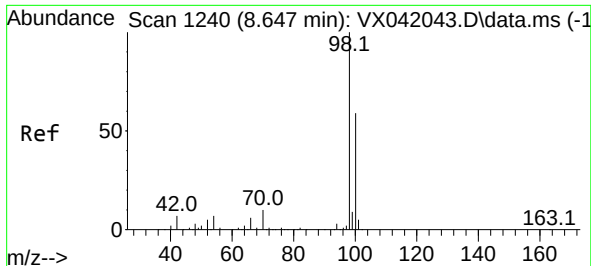
Delta R.T. 0.000 min

Lab File: VX042268.D

Acq: 10 Jul 2024 15:33

Tgt Ion:	43	Resp:	109130
Ion	Ratio	Lower	Upper
43	100		
61	21.7	15.2	22.8
87	14.9	9.8	14.6#

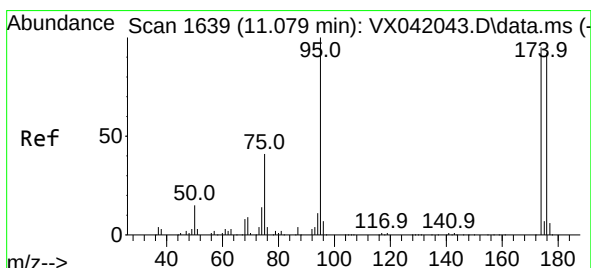
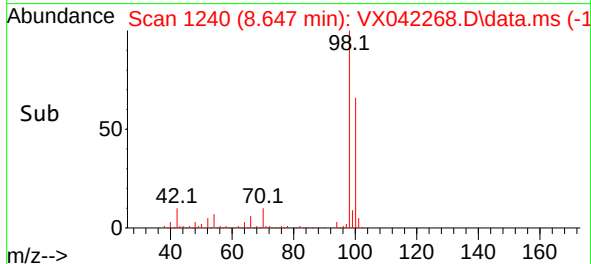
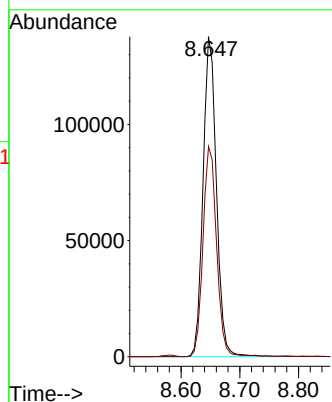
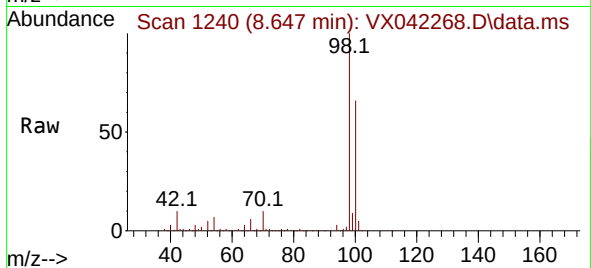




#50
Toluene-d8
Concen: 41.896 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

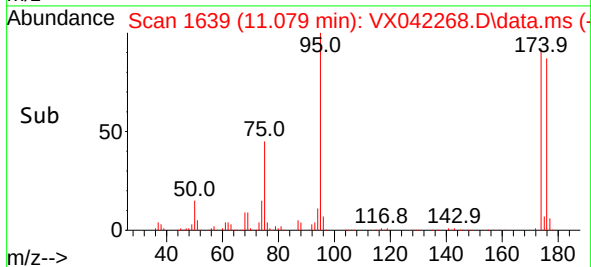
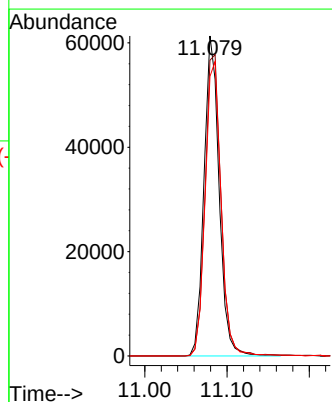
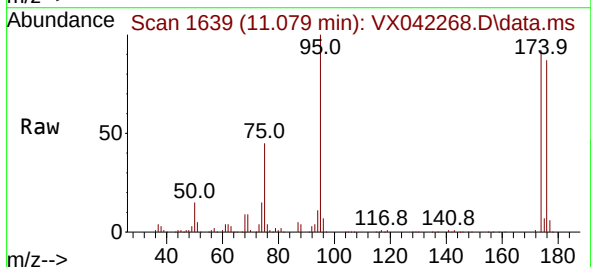
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#09

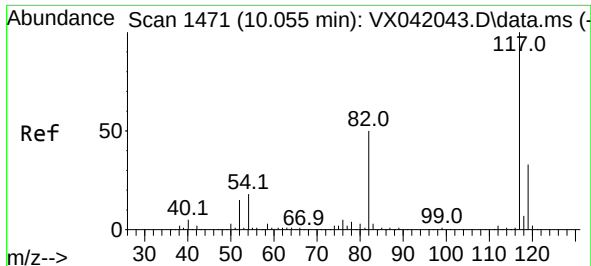
Tgt Ion: 98 Resp: 217977
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

Tgt Ion: 95 Resp: 78249
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 97.0 0.0 131.0

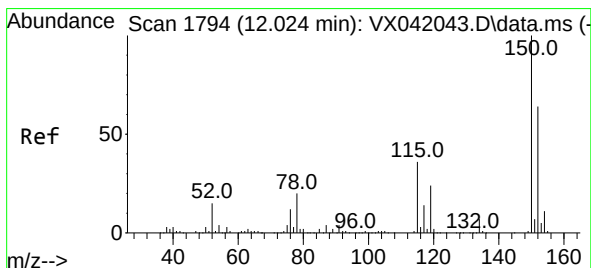
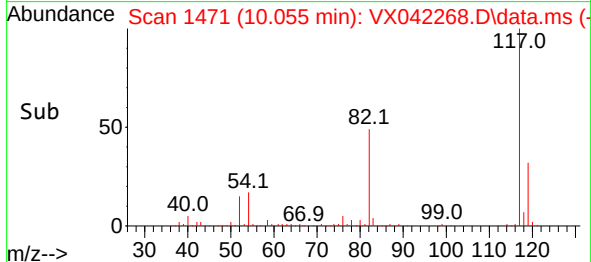
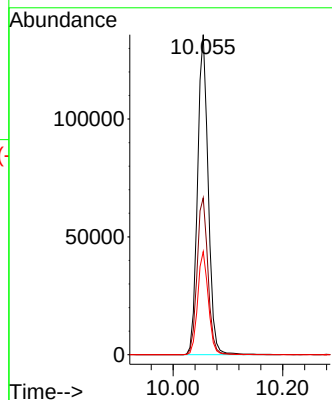
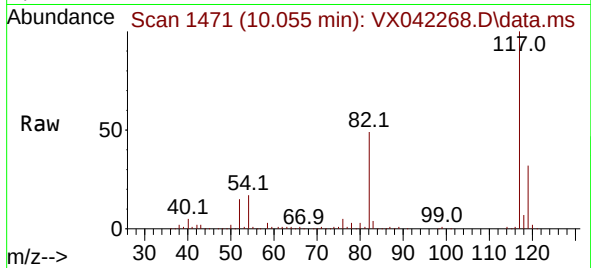




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 184121
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042268.D
Acq: 10 Jul 2024 15:33

Tgt Ion:152 Resp: 77745
Ion Ratio Lower Upper
152 100
115 53.2 43.3 129.9
150 160.0 0.0 345.0

