

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041849.D
 Acq On : 13 Jun 2024 13:21
 Operator : JC/MD
 Sample : PB161467ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161467ZHE#04

Quant Time: Jun 14 00:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

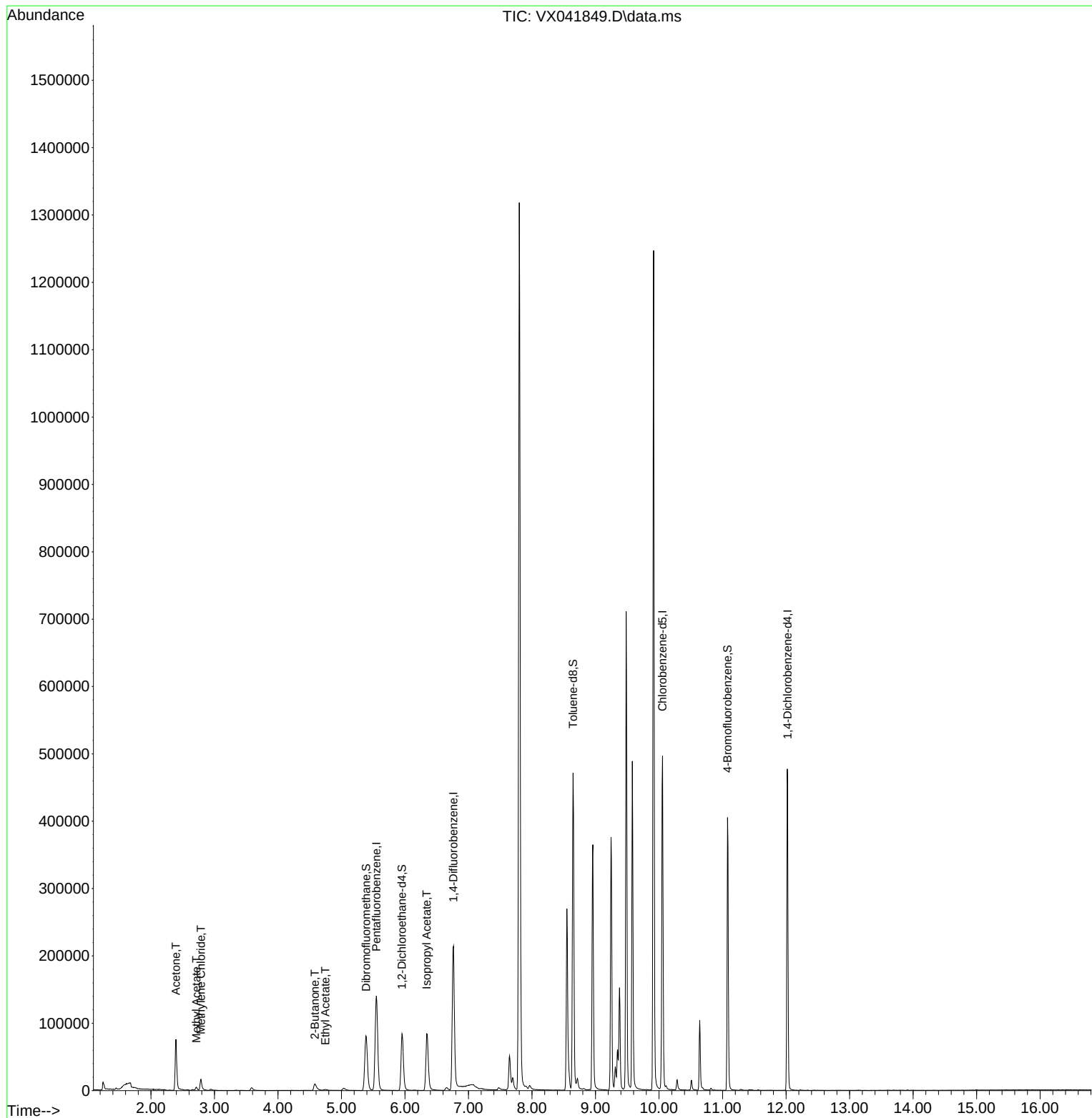
Internal Standards						
1) Pentafluorobenzene	5.550	168	156472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	241705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80056	41.716	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.440%
35) Dibromofluoromethane	5.385	113	73425	43.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.880%
50) Toluene-d8	8.647	98	290488	49.748	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	105810	49.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	88939	104.000	ug/l	91
18) Methyl Acetate	2.715	43	6570	3.585	ug/l	100
20) Methylene Chloride	2.788	84	9431	5.491	ug/l	86
25) 2-Butanone	4.580	43	20917	17.537	ug/l	93
37) Ethyl Acetate	4.745	43	3008	1.178	ug/l	# 92
43) Isopropyl Acetate	6.342	43	122179	31.689	ug/l	96

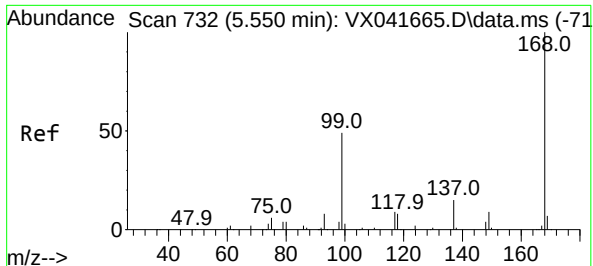
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

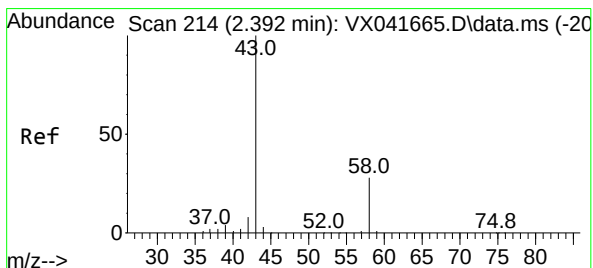
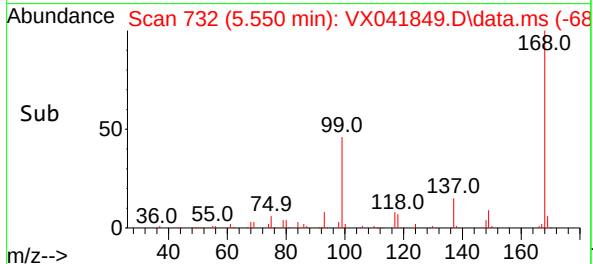
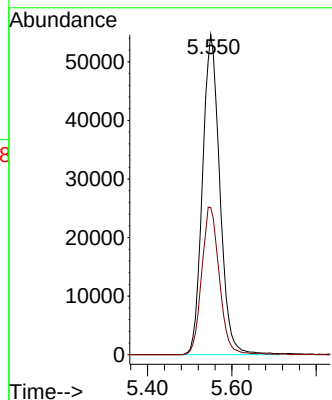
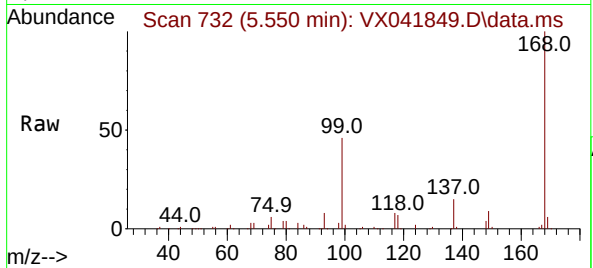




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

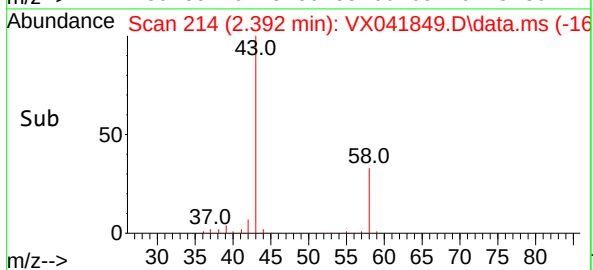
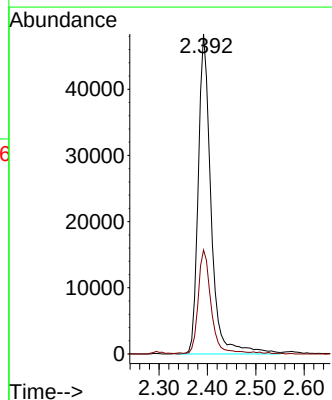
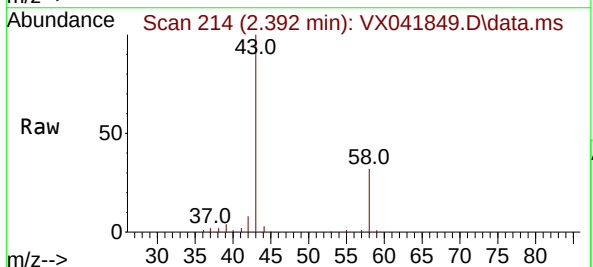
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#04

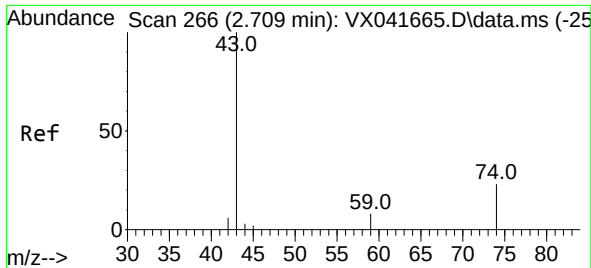
Tgt Ion:168 Resp: 156472
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0#



#16
Acetone
Concen: 104.000 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

Tgt Ion: 43 Resp: 88939
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#18

Methyl Acetate

Concen: 3.585 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX041849.D

Acq: 13 Jun 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

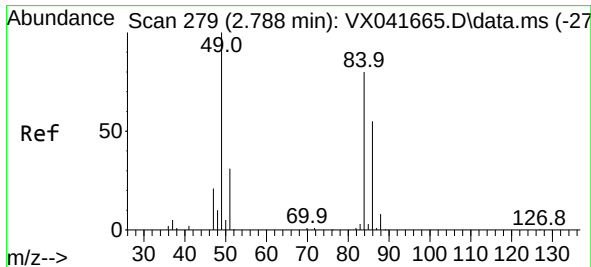
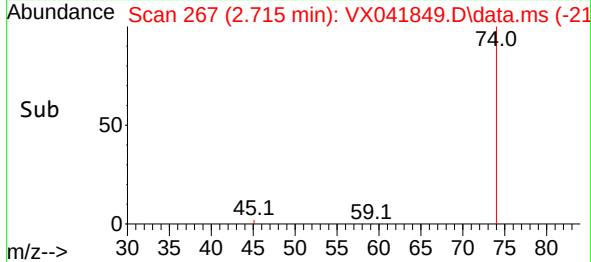
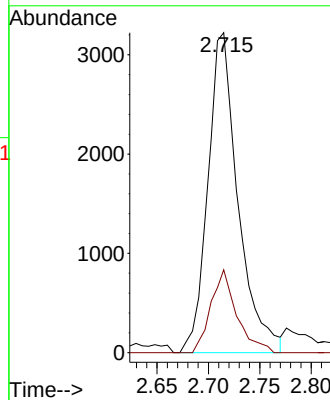
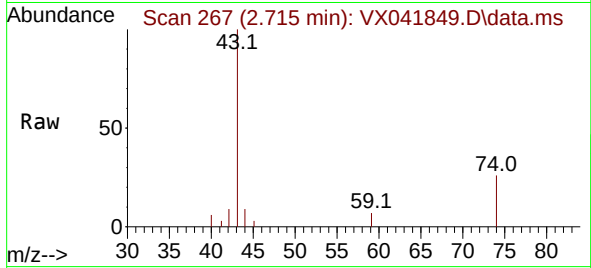
PB161467ZHE#04

Tgt Ion: 43 Resp: 6570

Ion Ratio Lower Upper

43 100

74 22.2 17.8 26.8



#20

Methylene Chloride

Concen: 5.491 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041849.D

Acq: 13 Jun 2024 13:21

Tgt Ion: 84 Resp: 9431

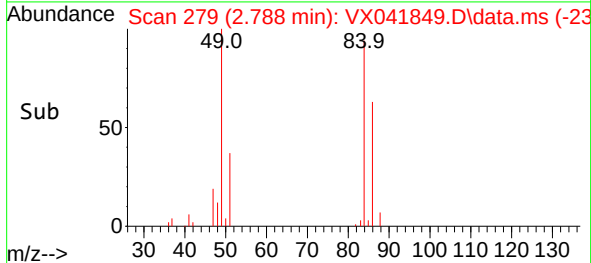
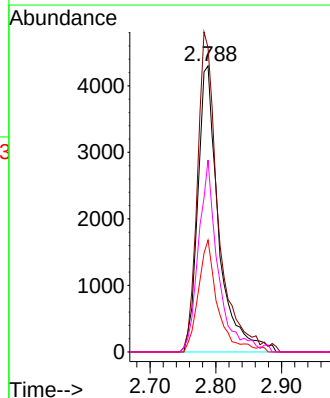
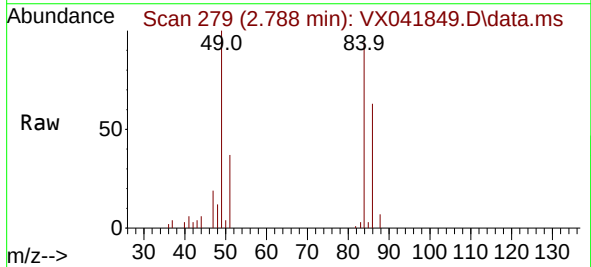
Ion Ratio Lower Upper

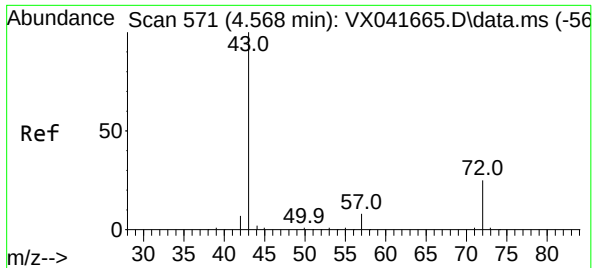
84 100

49 106.3 103.6 155.4

51 39.1 33.8 50.6

86 67.1 49.4 74.0

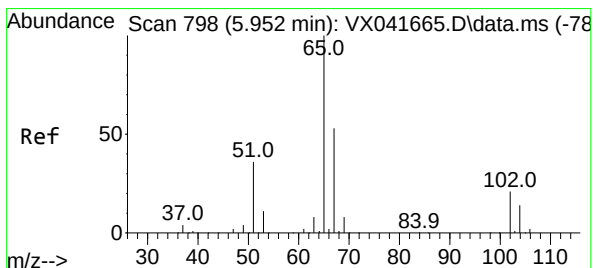
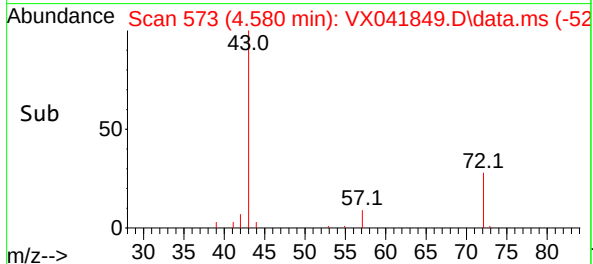
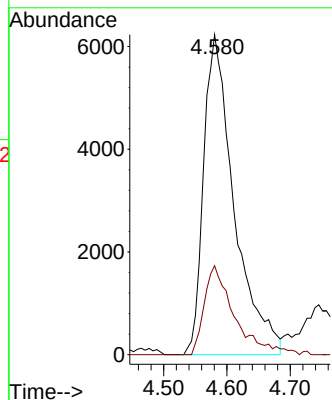
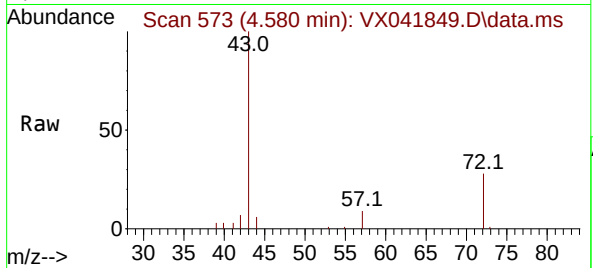




#25
2-Butanone
Concen: 17.537 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

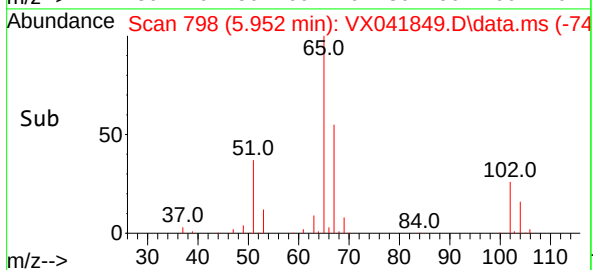
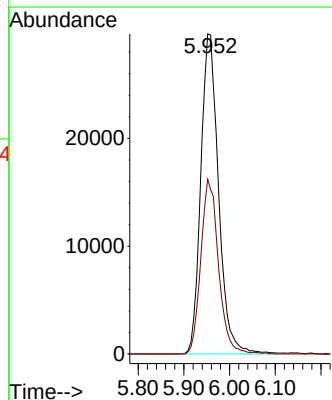
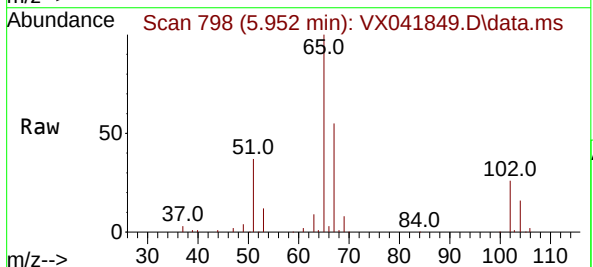
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#04

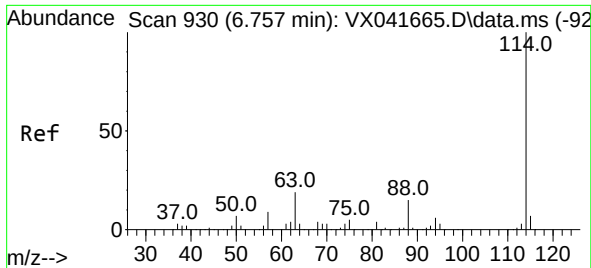
Tgt Ion: 43 Resp: 20917
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 41.716 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

Tgt Ion: 65 Resp: 80056
Ion Ratio Lower Upper
65 100
67 54.3 0.0 100.2

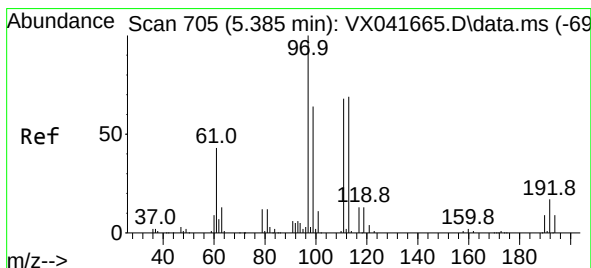
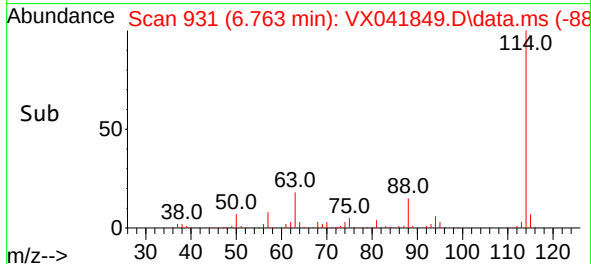
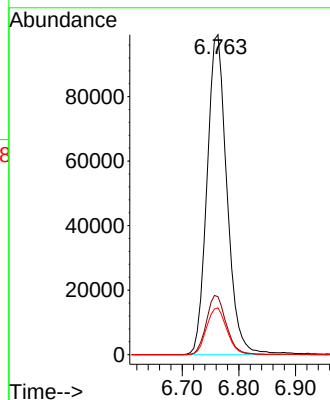
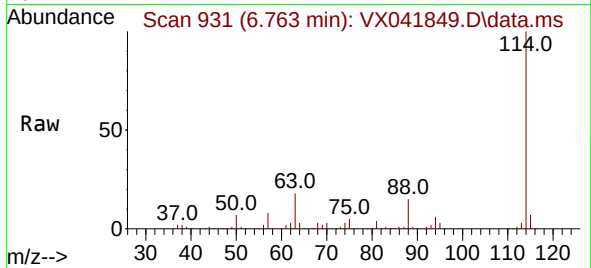




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

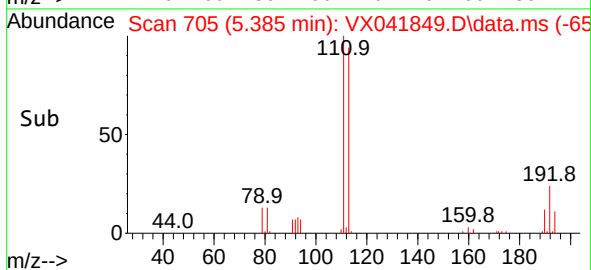
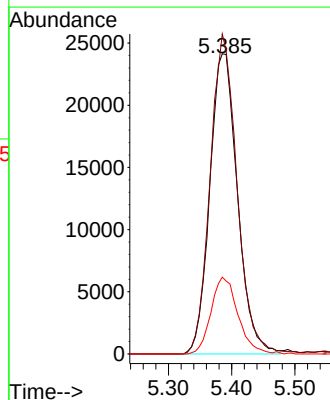
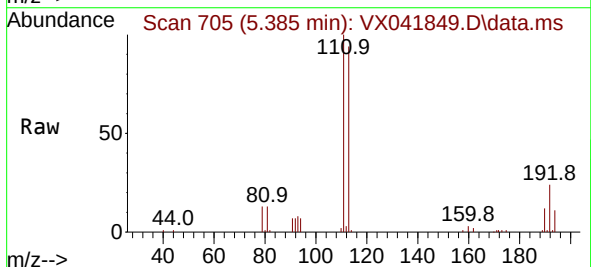
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#04

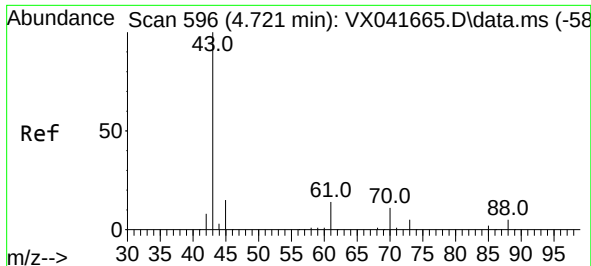
Tgt Ion:114 Resp: 241705
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.937 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

Tgt Ion:113 Resp: 73425
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 24.9 13.3 19.9#

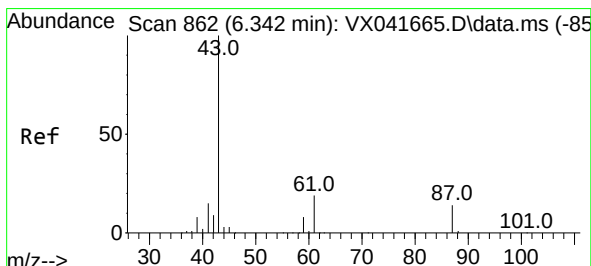
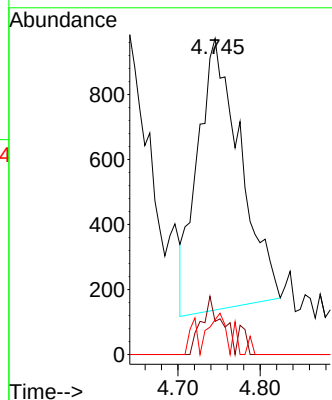
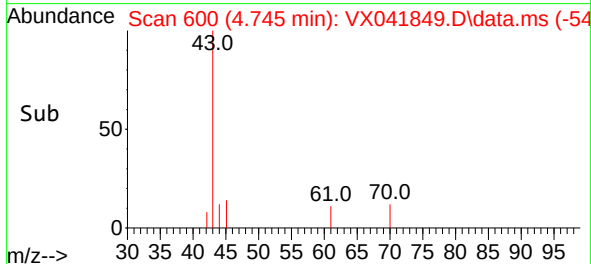
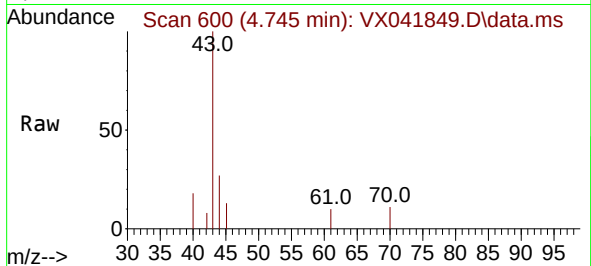




#37
Ethyl Acetate
Concen: 1.178 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

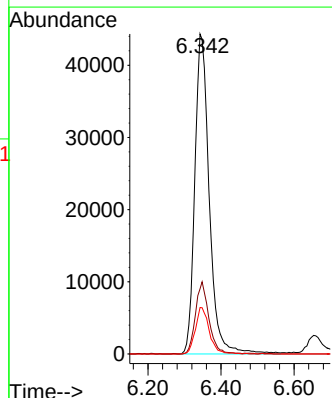
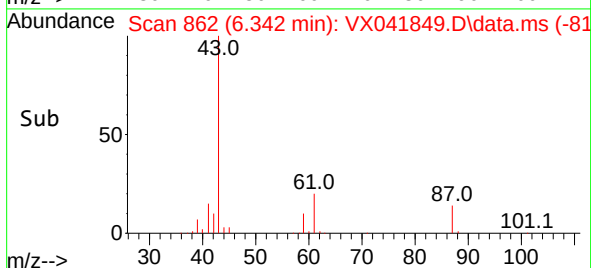
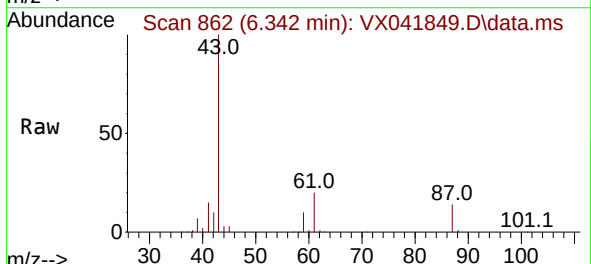
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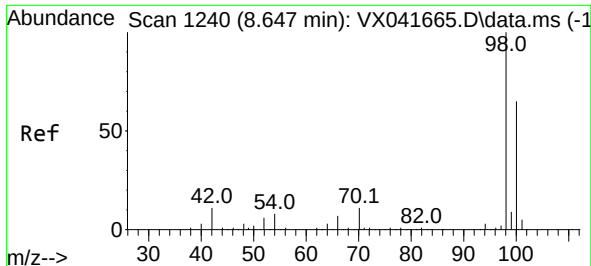
Tgt Ion: 43 Resp: 3008
Ion Ratio Lower Upper
43 100
61 10.2 10.6 16.0#
70 7.1 8.3 12.5#



#43
Isopropyl Acetate
Concen: 31.689 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

Tgt Ion: 43 Resp: 122179
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 13.9 9.8 14.6

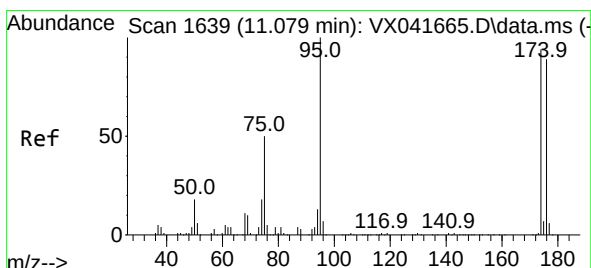
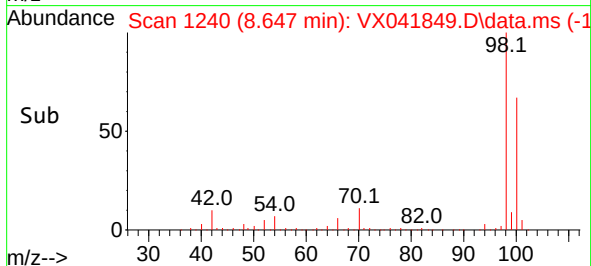
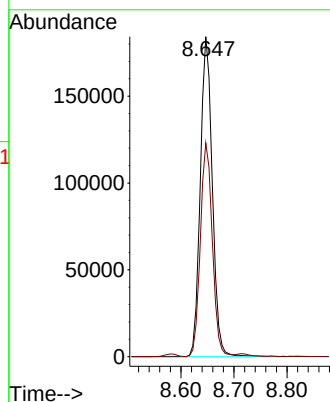
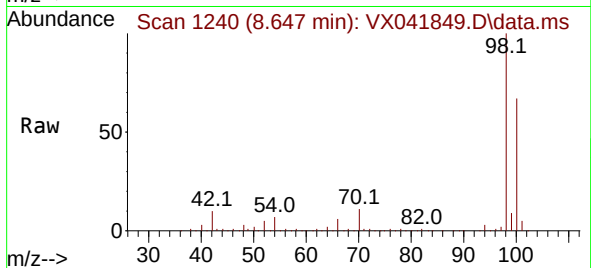




#50
Toluene-d8
Concen: 49.748 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

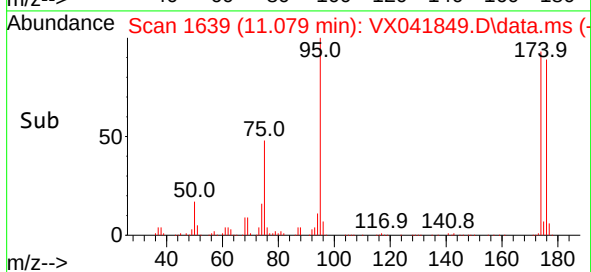
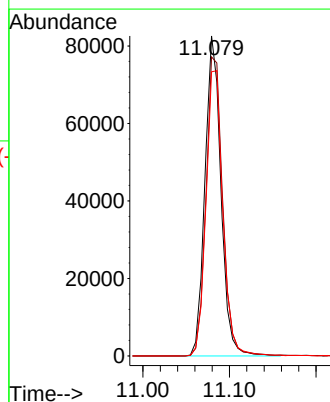
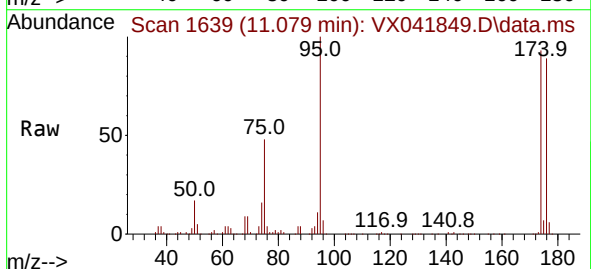
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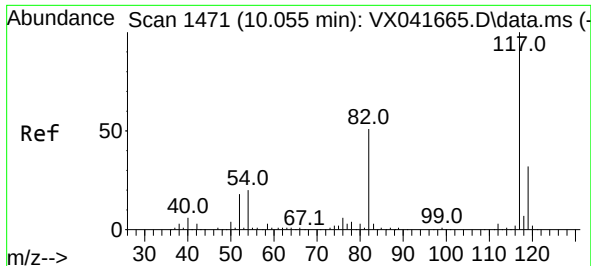
Tgt Ion: 98 Resp: 290488
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

Tgt Ion: 95 Resp: 105810
Ion Ratio Lower Upper
95 100
174 98.0 0.0 135.6
176 94.1 0.0 131.0

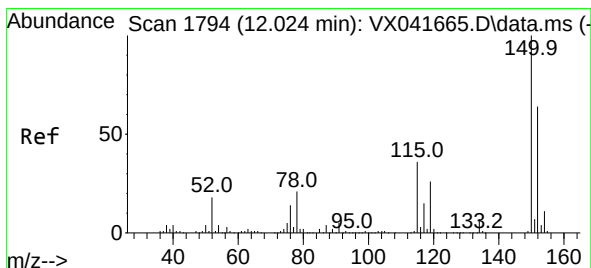
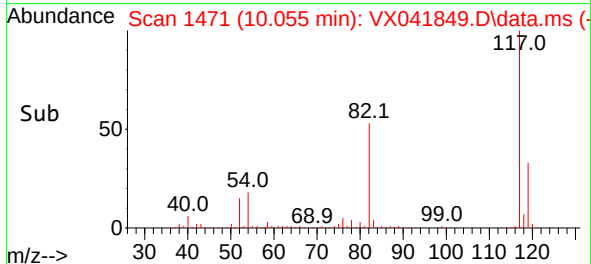
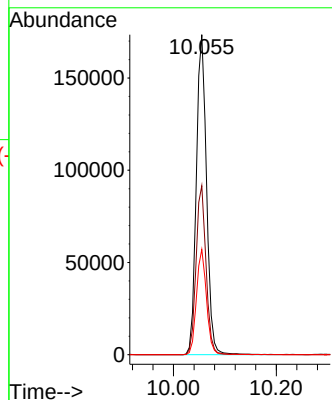
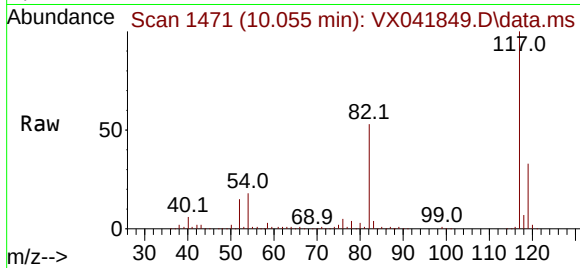




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041849.D
Acq: 13 Jun 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#04

Tgt Ion:117 Resp: 240094
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 32.9 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: VX041849.D
Acq: 13 Jun 2024 13:21

Tgt Ion:152 Resp: 115705
Ion Ratio Lower Upper
152 100
115 53.4 43.3 129.9
150 156.7 0.0 345.0

