

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041496.D
 Acq On : 13 May 2024 16:36
 Operator : JC/MD
 Sample : P2454-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP25-06-20240510-WC

Quant Time: May 14 01:34:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

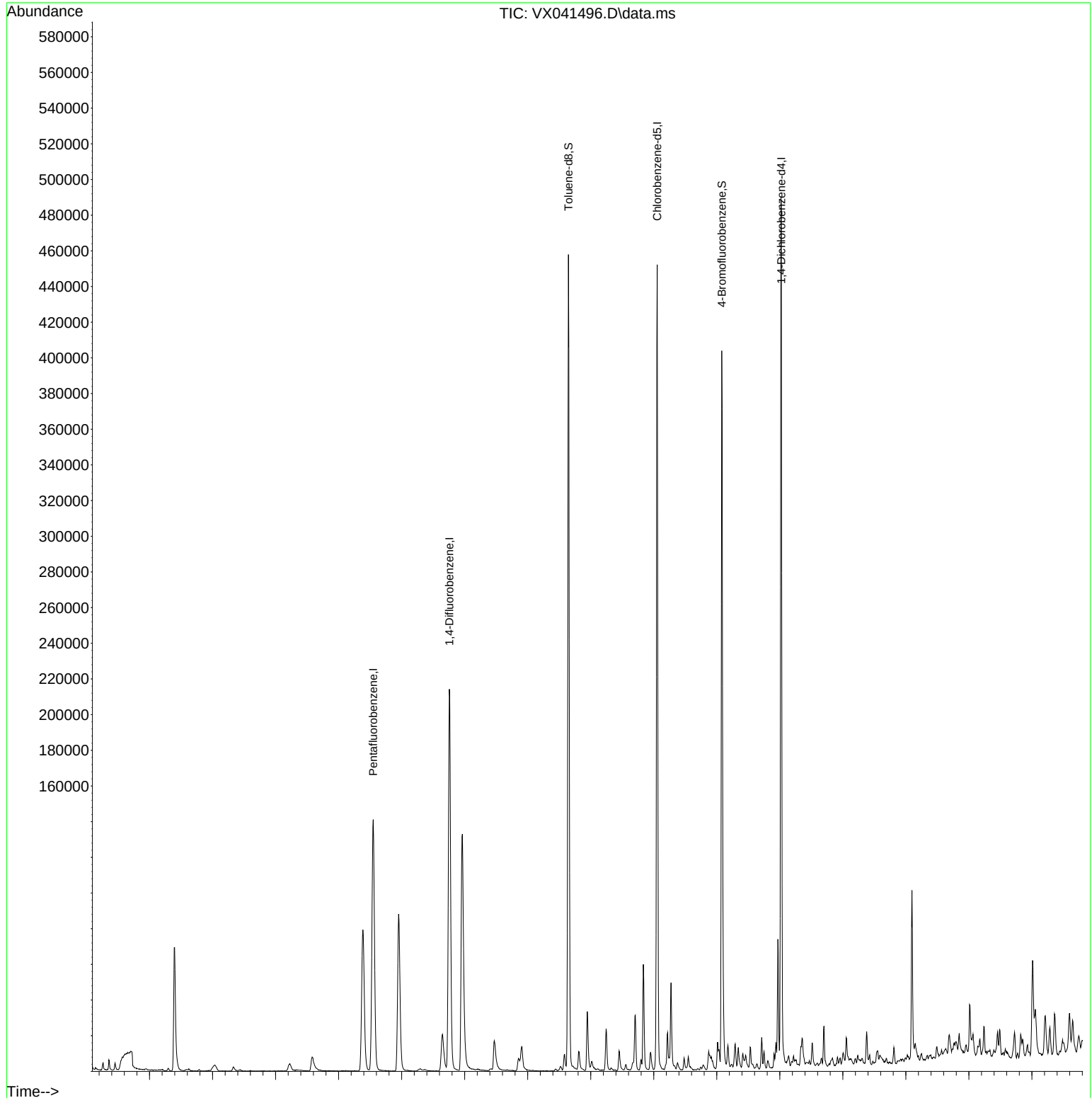
Internal Standards						
1) Pentafluorobenzene	5.550	168	149035	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	228333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87192	53.741	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.480%		
35) Dibromofluoromethane	5.385	113	68144	44.039	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 88.080%		
50) Toluene-d8	8.647	98	269343	54.996	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 110.000%		
62) 4-Bromofluorobenzene	11.079	95	102136	53.874	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.740%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.032	59	7223	22.243	ug/l	# 89
16) Acetone	2.392	43	93812	129.416	ug/l	98
25) 2-Butanone	4.580	43	18595	17.708	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	6657	3.196	ug/l	96
83) tert-Butylbenzene	11.713	119	6643	1.111	ug/l	94

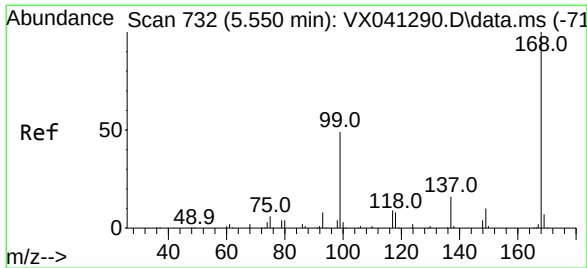
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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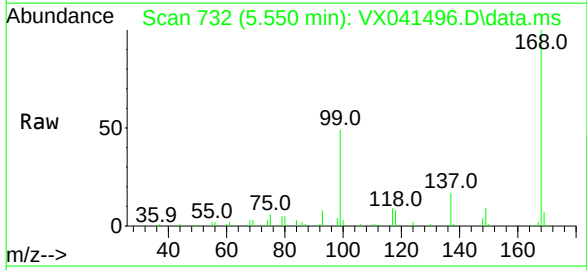
Quant Time: May 14 01:34:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



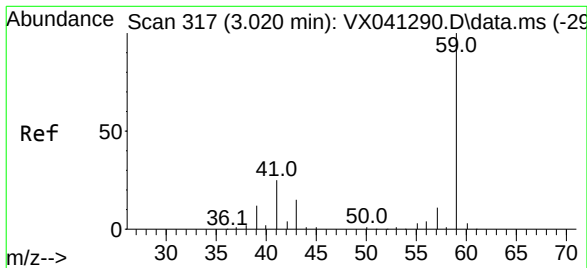
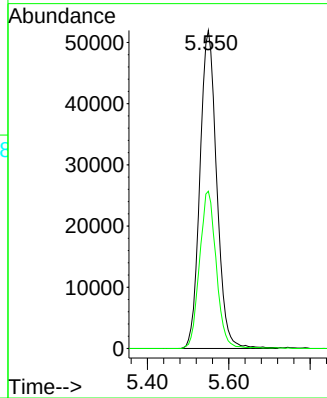
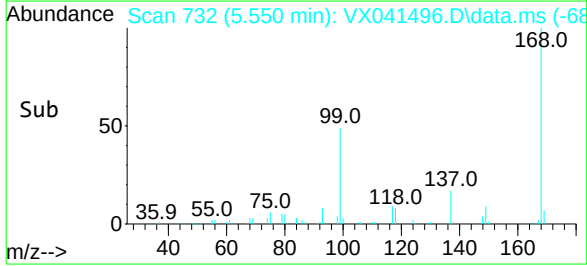


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36

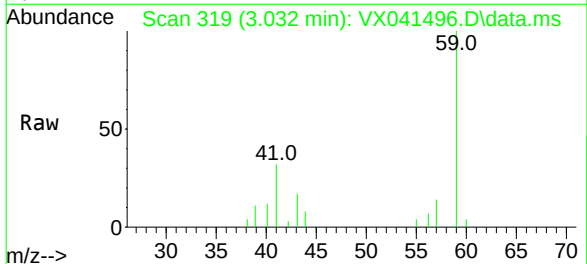
Instrument :
MSVOA_X
ClientSampleId :
SP25-06-20240510-WC



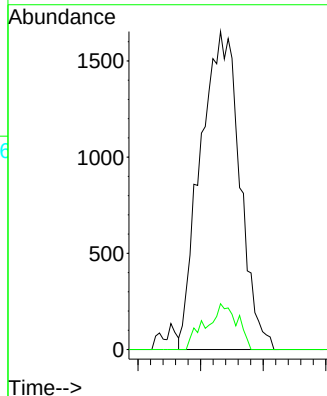
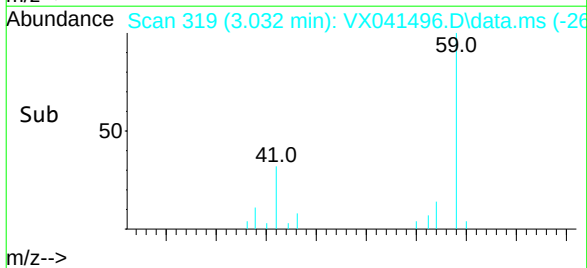
Tgt Ion:168 Resp: 149035
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#

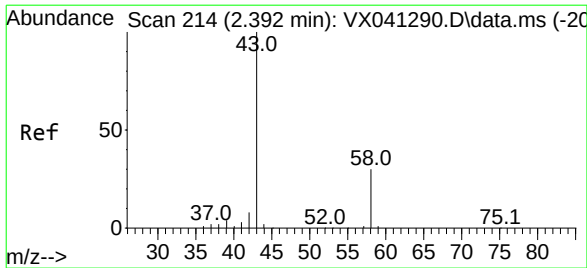


#11
Tert butyl alcohol
Concen: 22.243 ug/l
RT: 3.032 min Scan# 319
Delta R.T. 0.012 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36



Tgt Ion: 59 Resp: 7223
Ion Ratio Lower Upper
59 100
57 11.4 6.0 9.0#





#16

Acetone

Concen: 129.416 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041496.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

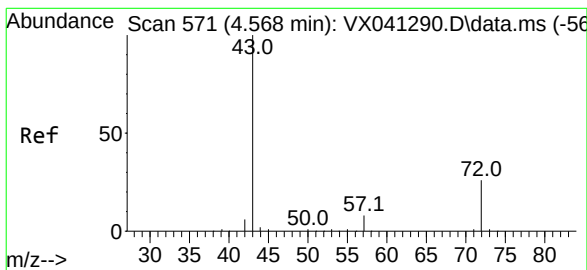
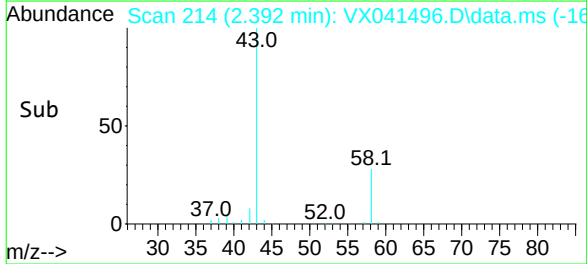
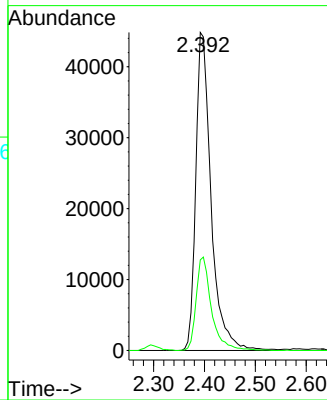
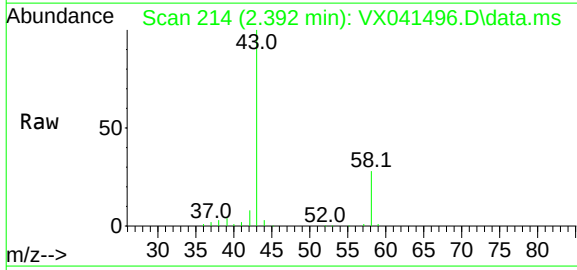
SP25-06-20240510-WC

Tgt Ion: 43 Resp: 93812

Ion Ratio Lower Upper

43 100

58 28.5 21.9 32.9



#25

2-Butanone

Concen: 17.708 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX041496.D

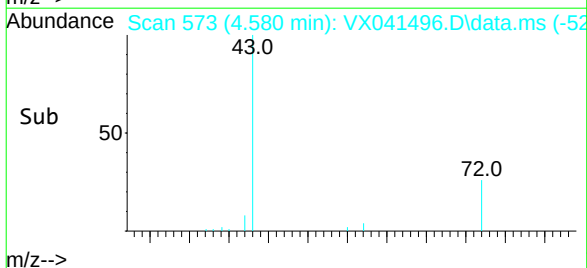
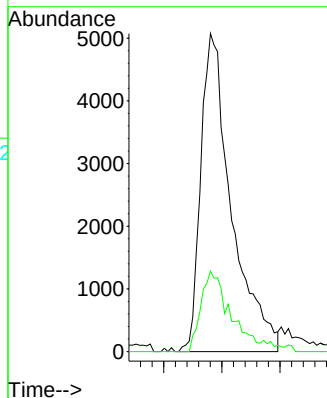
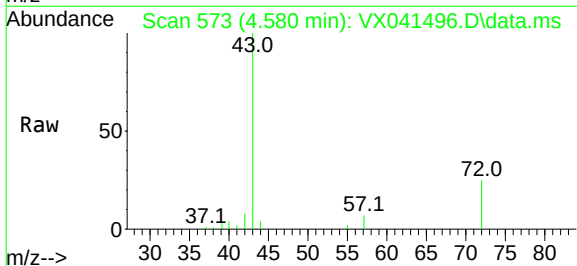
Acq: 13 May 2024 16:36

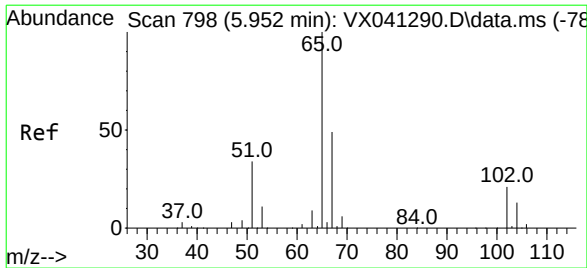
Tgt Ion: 43 Resp: 18595

Ion Ratio Lower Upper

43 100

72 25.3 19.4 29.2

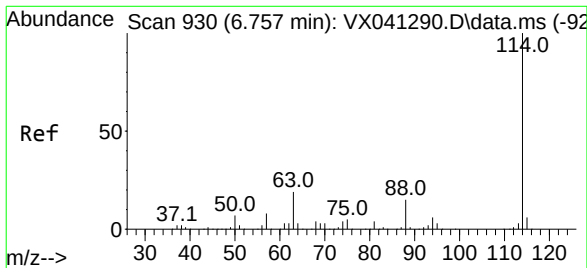
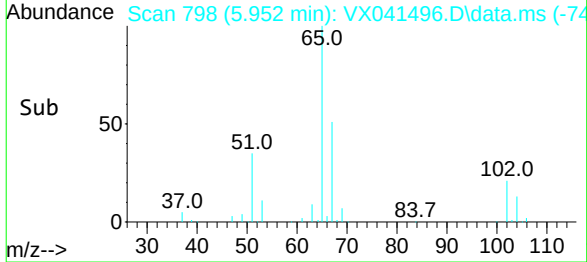
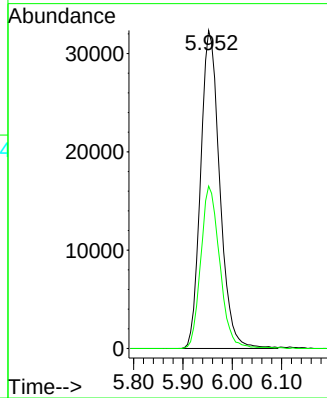
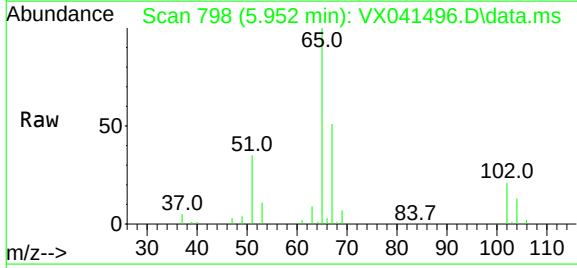




#33
1,2-Dichloroethane-d4
Concen: 53.741 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36

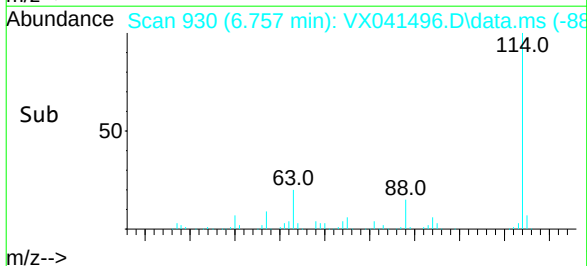
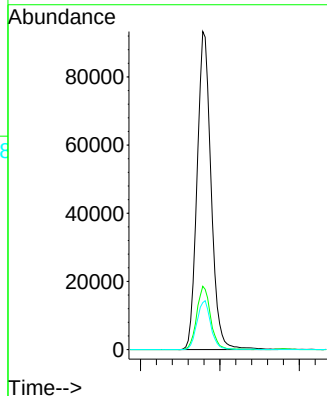
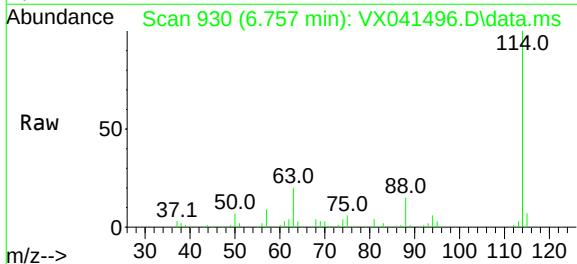
Instrument :
MSVOA_X
ClientSampleId :
SP25-06-20240510-WC

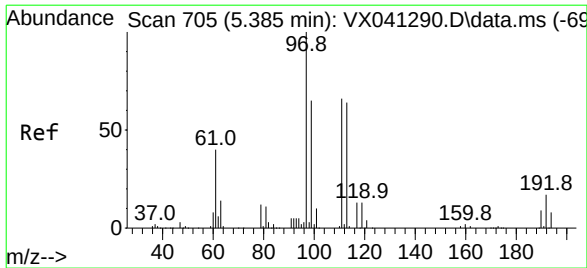
Tgt Ion: 65 Resp: 87192
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36

Tgt Ion: 114 Resp: 228333
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 14.8 0.0 36.6

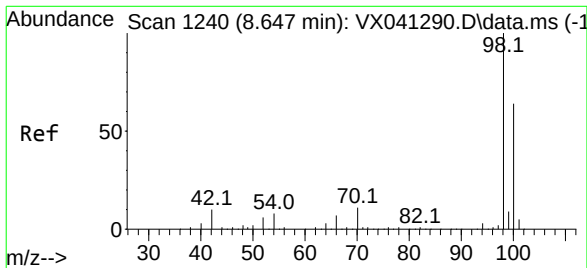
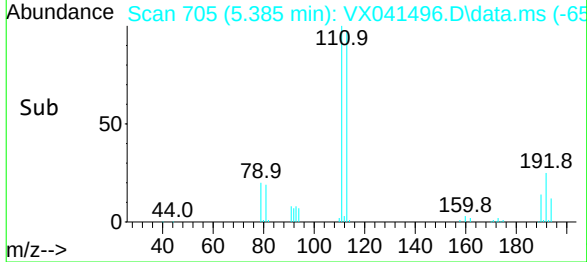
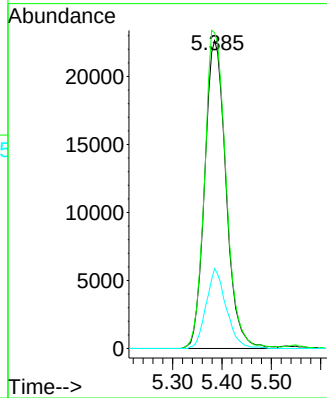
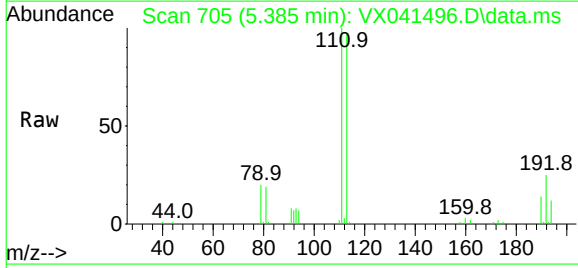




#35
Dibromofluoromethane
Concen: 44.039 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36

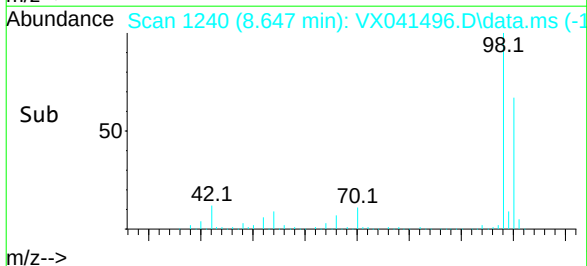
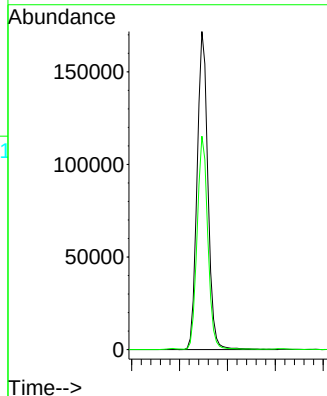
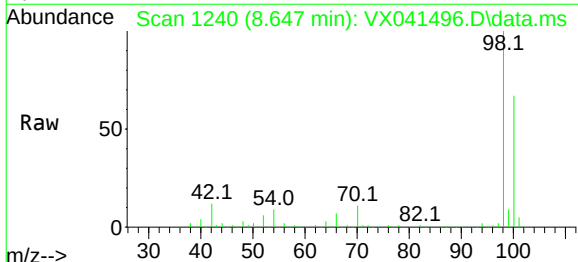
Instrument :
MSVOA_X
ClientSampleId :
SP25-06-20240510-WC

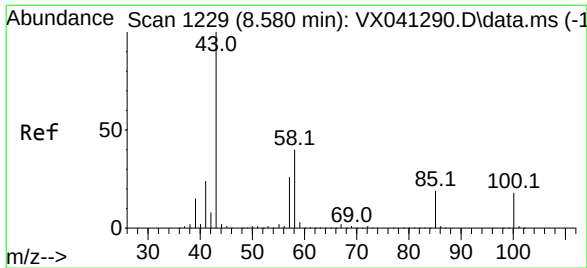
Tgt Ion:113 Resp: 68144
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 24.4 13.3 19.9#



#50
Toluene-d8
Concen: 54.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36

Tgt Ion: 98 Resp: 269343
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

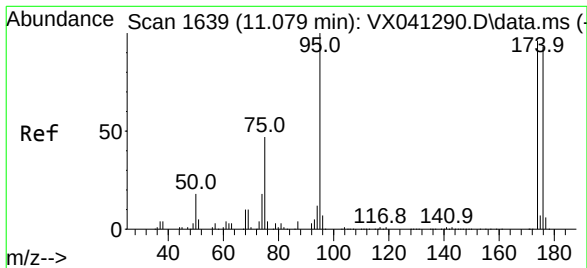
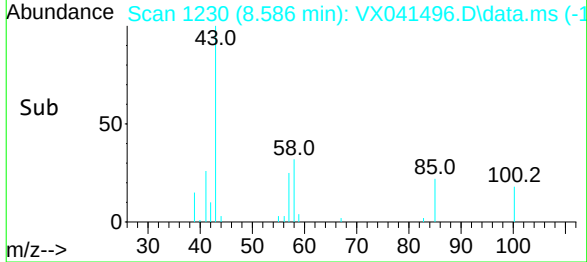
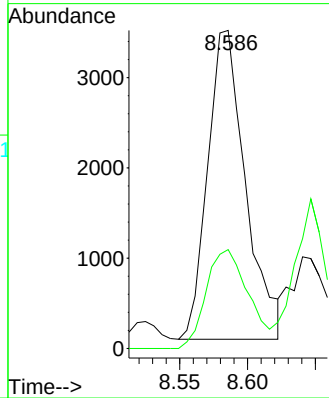
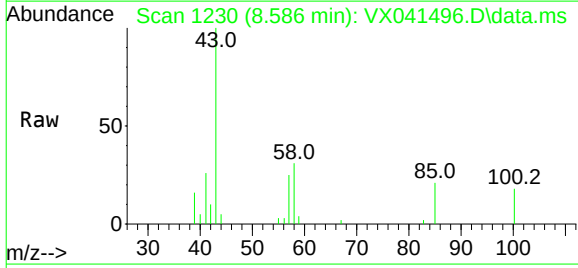




#51
4-Methyl-2-Pentanone
Concen: 3.196 ug/l
RT: 8.586 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36

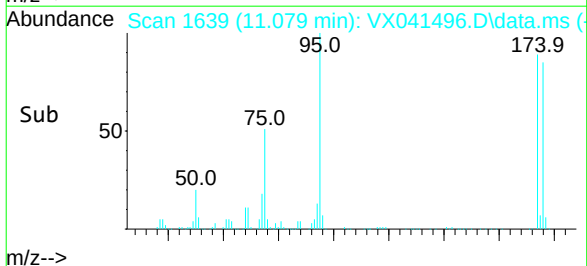
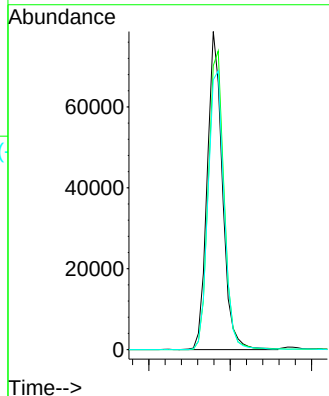
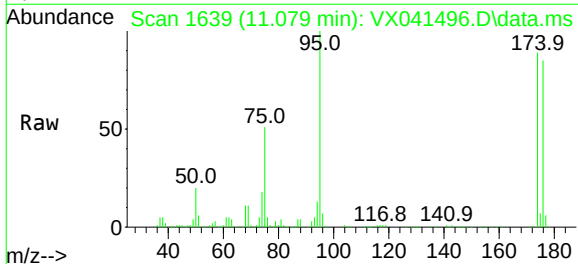
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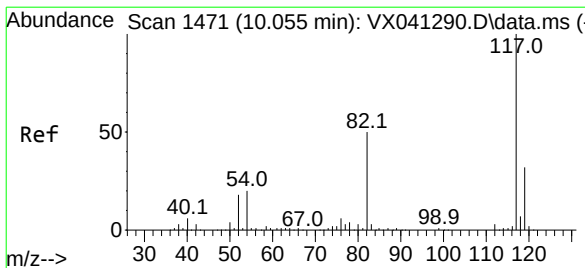
Tgt Ion: 43 Resp: 6657
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 53.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041496.D
Acq: 13 May 2024 16:36

Tgt Ion: 95 Resp: 102136
Ion Ratio Lower Upper
95 100
174 97.0 0.0 135.6
176 92.5 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: VX041496.D

Acq: 13 May 2024 16:36

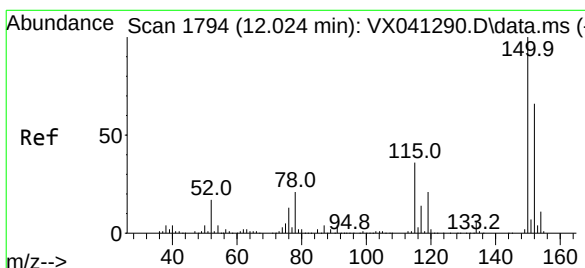
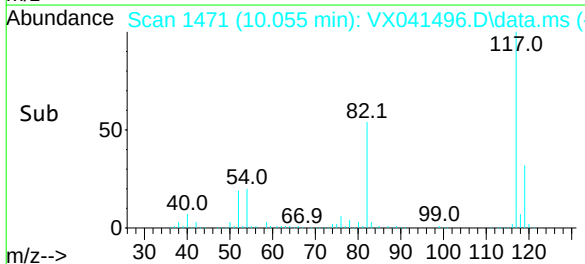
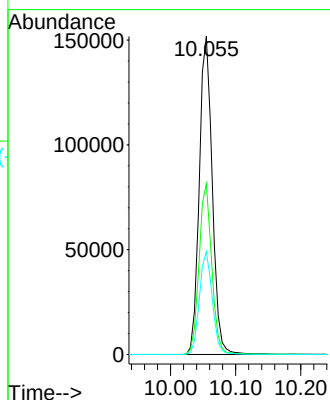
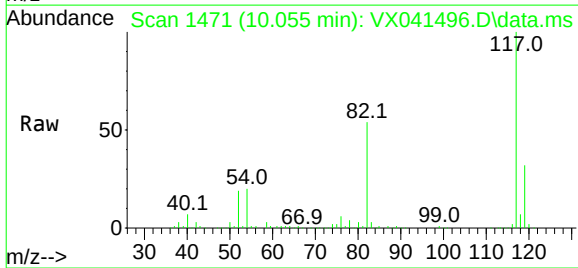
Instrument :

MSVOA_X

ClientSampleId :

SP25-06-20240510-WC

Tgt Ion:	117	Resp:	210508
Ion	Ratio	Lower	Upper
117	100		
82	53.7	46.2	69.4
119	32.3	25.5	38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

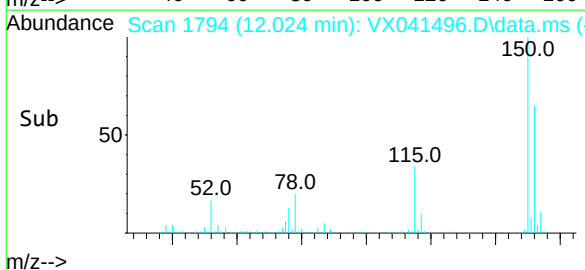
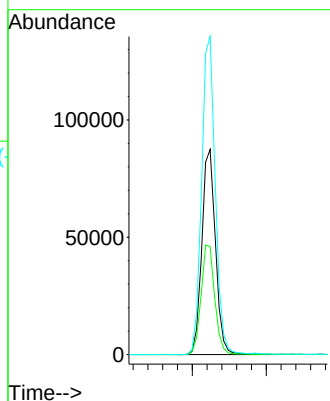
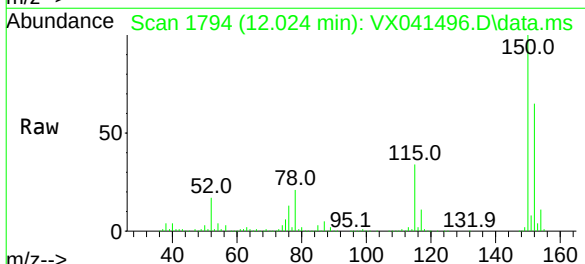
RT: 12.024 min Scan# 1794

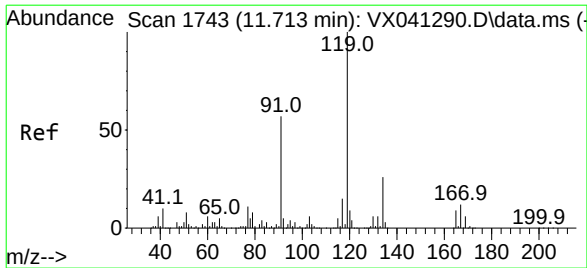
Delta R.T. -0.000 min

Lab File: VX041496.D

Acq: 13 May 2024 16:36

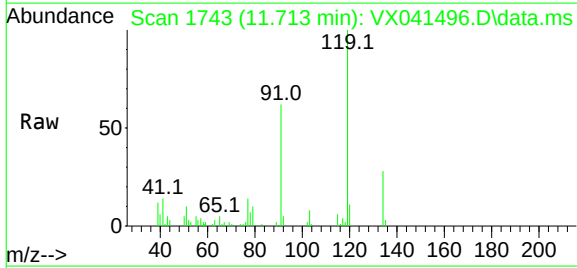
Tgt Ion:	152	Resp:	112203
Ion	Ratio	Lower	Upper
152	100		
115	53.6	43.3	129.9
150	154.5	0.0	345.0





tert-Butylbenzene
 Concen: 1.111 ug/l
 RT: 11.713 min Scan# 17
 Delta R.T. -0.000 min
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Tgt Ion:	119	Resp:	6643
Ion	Ratio	Lower	Upper
119	100		
91	67.3	31.2	93.6
134	26.3	11.7	35.0

