

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042825.D
 Acq On : 02 Aug 2024 05:02
 Operator : JC/MD
 Sample : P3430-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 931-K1-WPO-0-0.25-073124

Quant Time: Aug 02 05:44:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

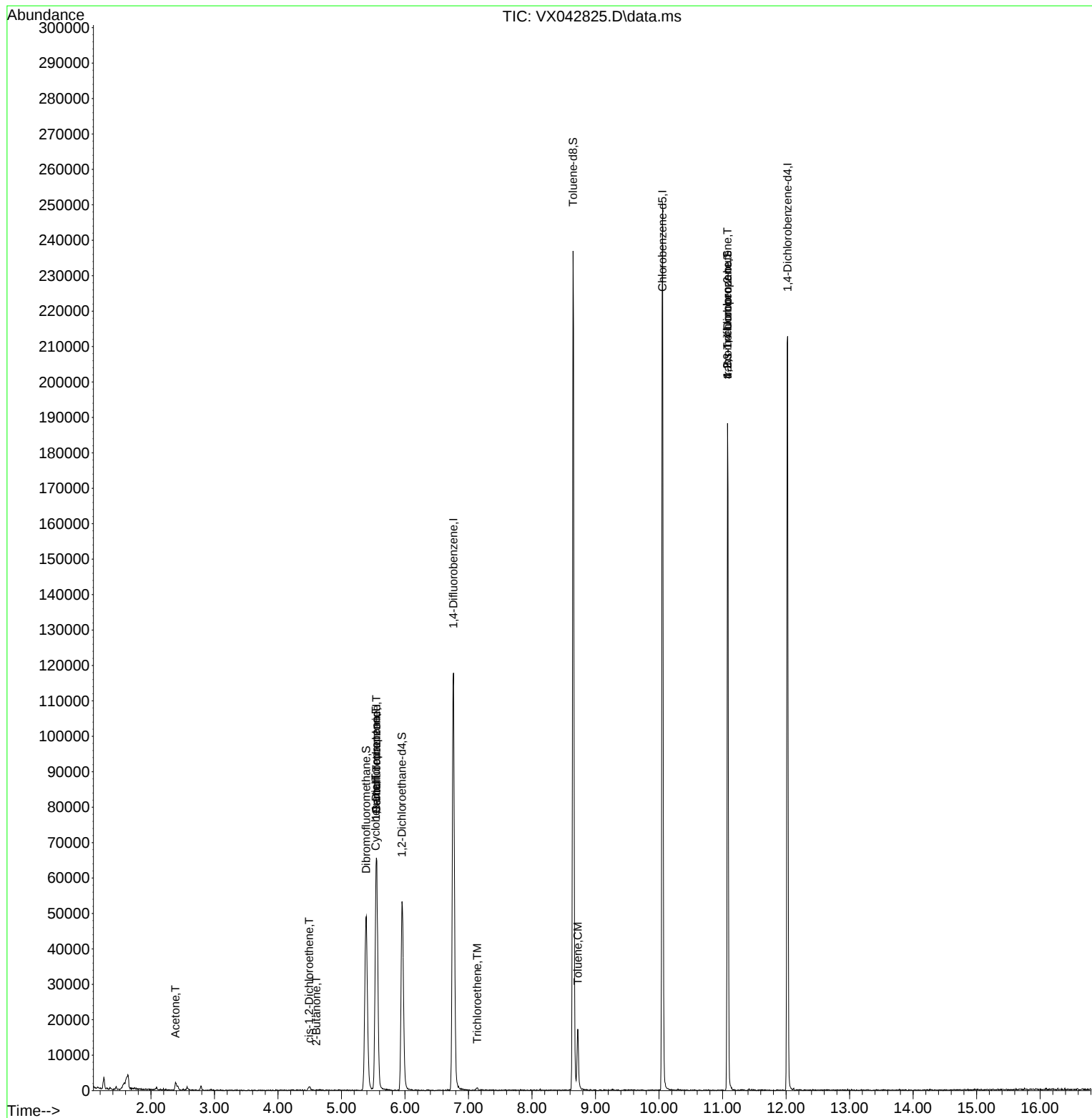
Internal Standards						
1) Pentafluorobenzene	5.550	168	60859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54837	56.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.160%	
35) Dibromofluoromethane	5.385	113	44217	52.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.180%	
50) Toluene-d8	8.647	98	141969	46.516	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.040%	
62) 4-Bromofluorobenzene	11.079	95	51048	45.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	367	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	124	Below Cal	#	78
16) Acetone	2.386	43	2537	7.146	ug/l #	75
20) Methylene Chloride	2.788	84	485	Below Cal	#	77
25) 2-Butanone	4.605	43	306	0.587	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	452	0.506	ug/l	71
31) Cyclohexane	5.538	56	568	0.527	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	4657	4.271	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7023	5.589	ug/l #	16
44) Trichloroethene	7.135	130	322	0.359	ug/l	27
52) Toluene	8.720	92	6993	3.150	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	27644	26.067	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	27644	77.152	ug/l #	5

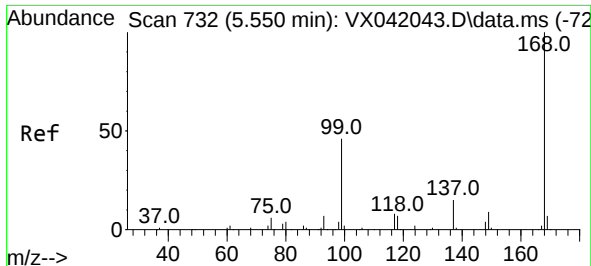
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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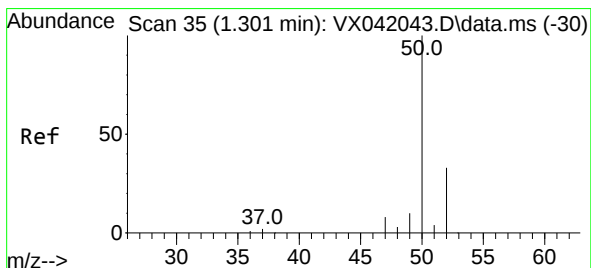
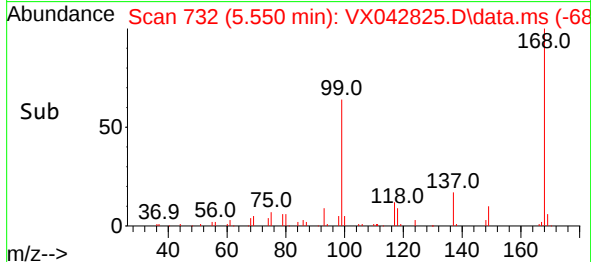
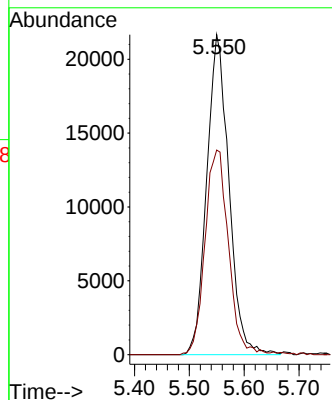
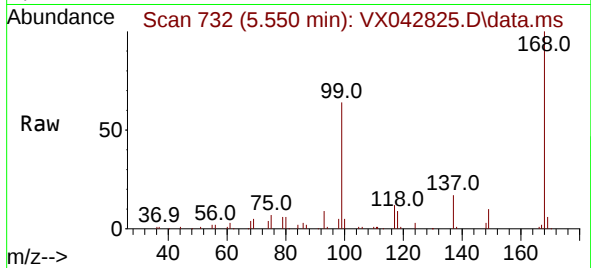




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

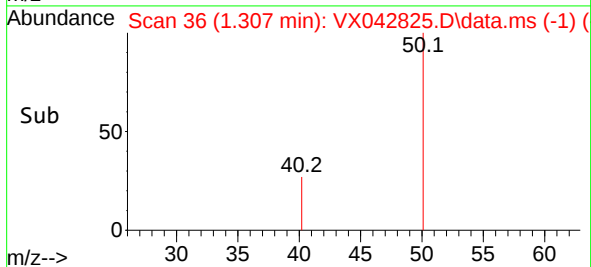
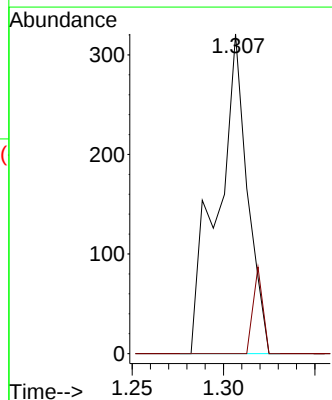
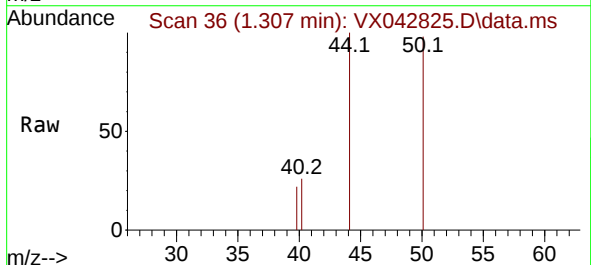
Instrument :
MSVOA_X
ClientSampleId :
931-K1-WPO-0-0.25-073124

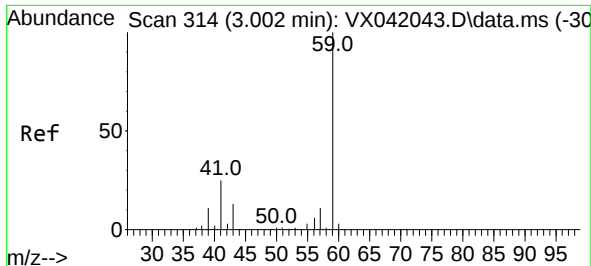
Tgt Ion:168 Resp: 60859
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

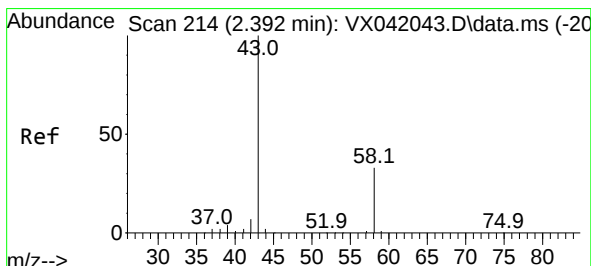
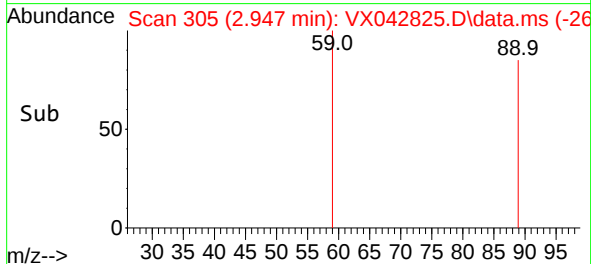
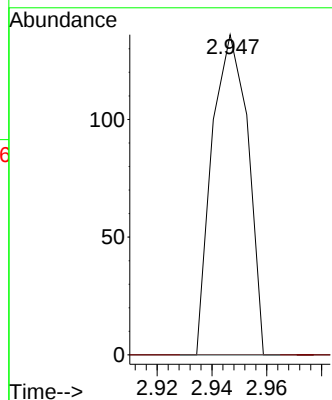
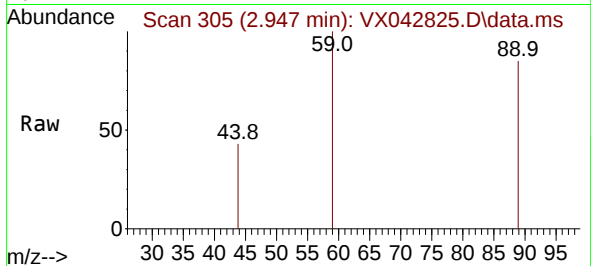




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.060 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

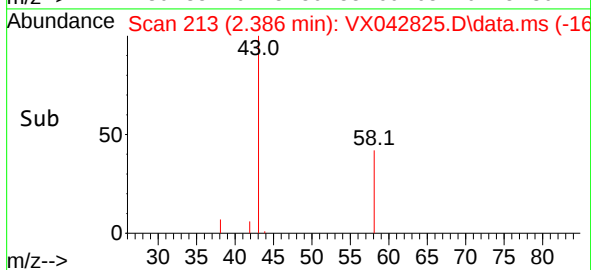
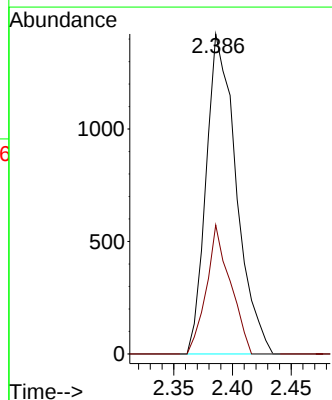
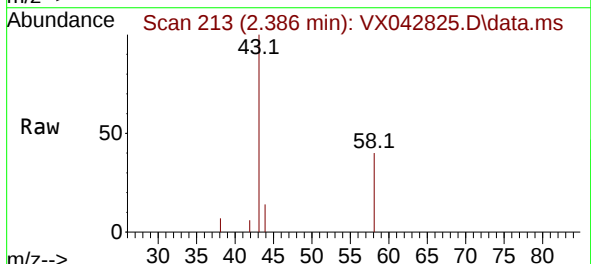
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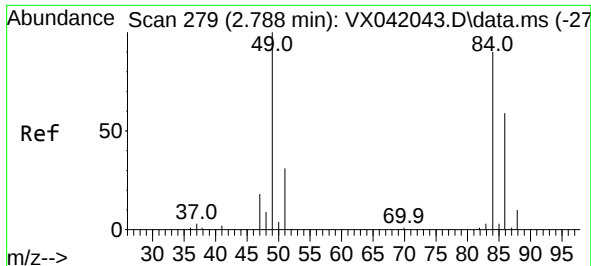
Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 7.146 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

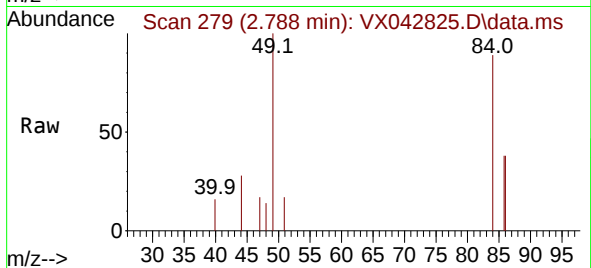
Tgt Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
58 40.3 21.9 32.9#



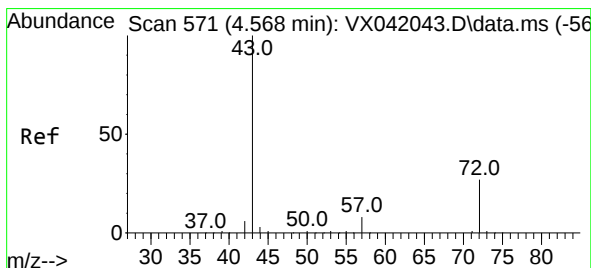
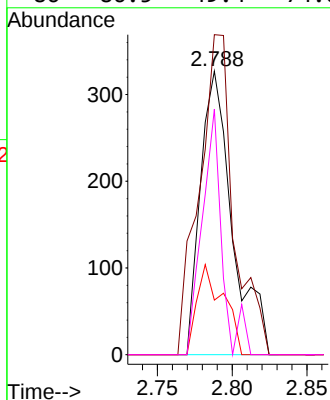


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

Instrument :
MSVOA_X
ClientSampleId :
931-K1-WPO-0-0.25-073124

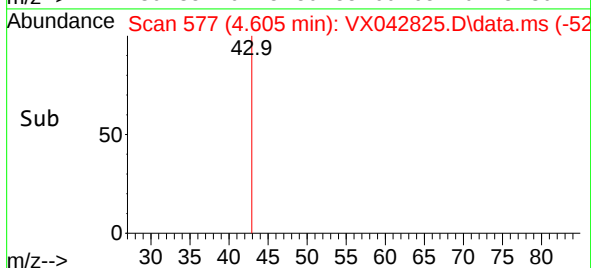
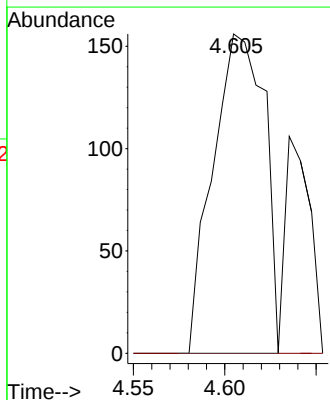
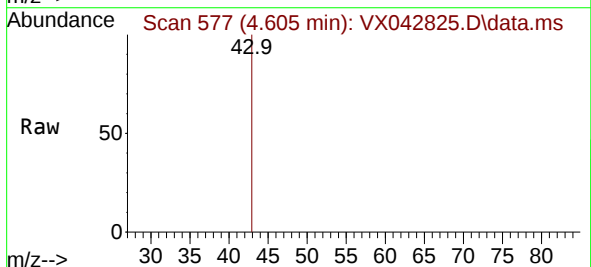


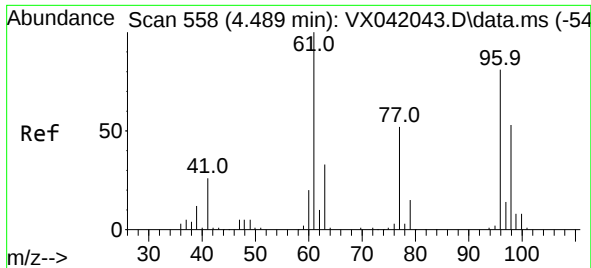
Tgt Ion:	84	Resp:	485
Ion	Ratio	Lower	Upper
84	100		
49	112.8	103.6	155.4
51	19.3	33.8	50.6#
86	86.5	49.4	74.0#



#25
2-Butanone
Concen: 0.587 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.031 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

Tgt Ion:	43	Resp:	306
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.506 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX042825.D

Acq: 02 Aug 2024 05:02

Instrument :

MSVOA_X

ClientSampleId :

931-K1-WPO-0-0.25-073124

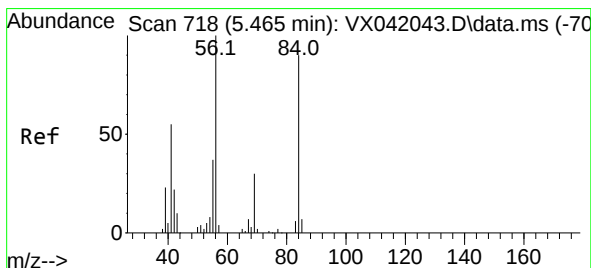
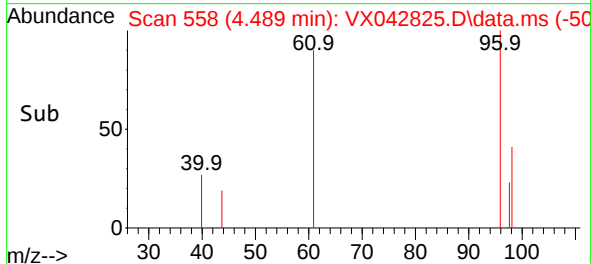
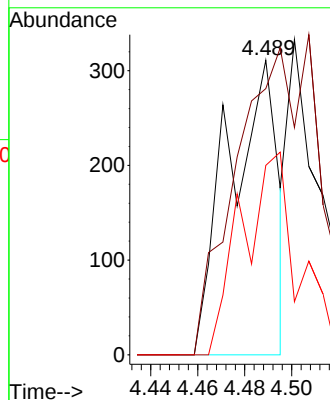
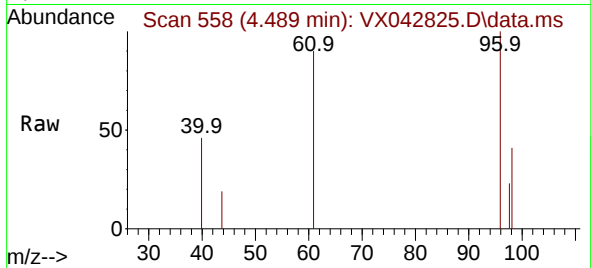
Tgt Ion: 96 Resp: 452

Ion Ratio Lower Upper

96 100

61 200.2 0.0 312.2

98 77.9 0.0 129.0



#31

Cyclohexane

Concen: 0.527 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.074 min

Lab File: VX042825.D

Acq: 02 Aug 2024 05:02

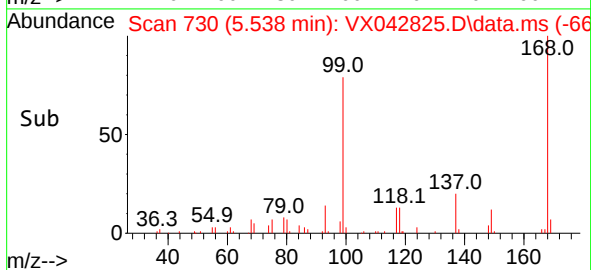
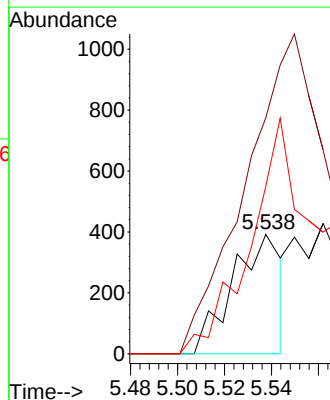
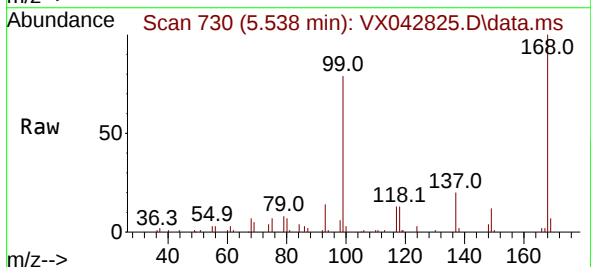
Tgt Ion: 56 Resp: 568

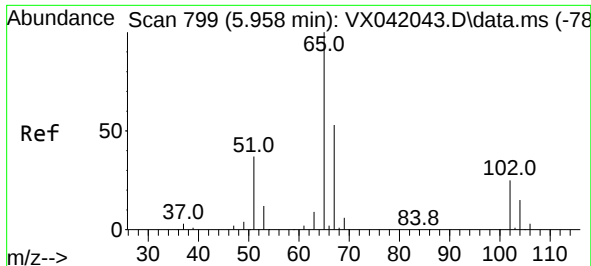
Ion Ratio Lower Upper

56 100

69 197.7 23.4 35.2#

84 140.3 65.9 98.9#

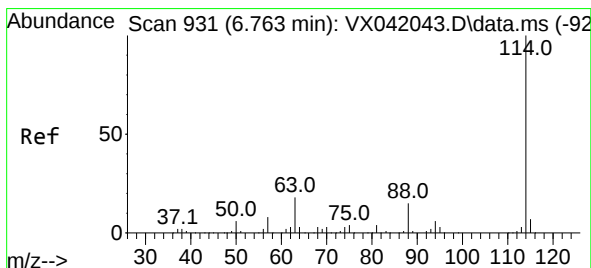
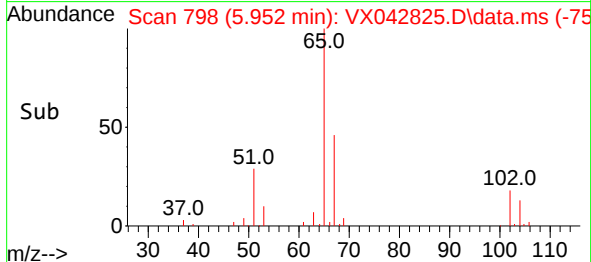
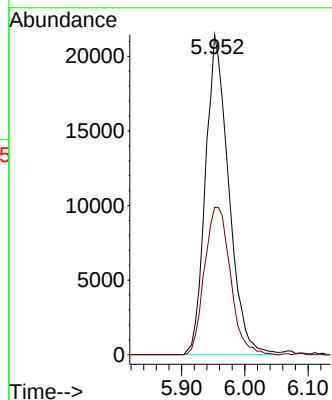
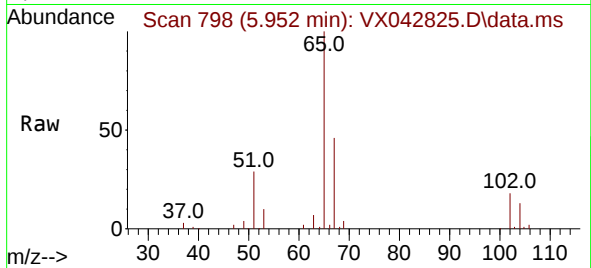




#33
1,2-Dichloroethane-d4
Concen: 56.085 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

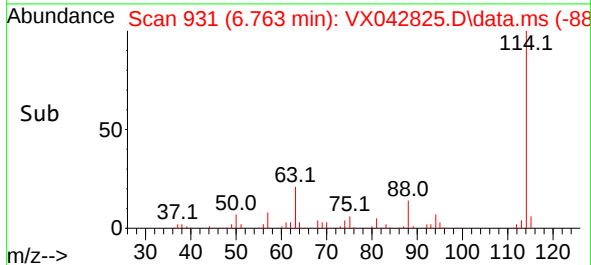
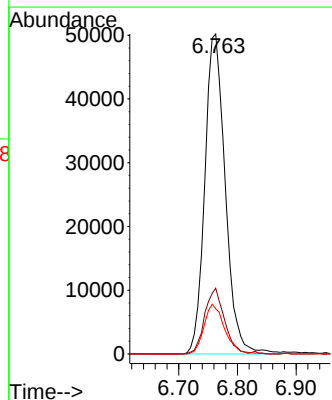
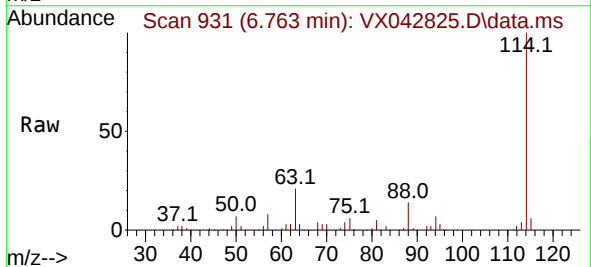
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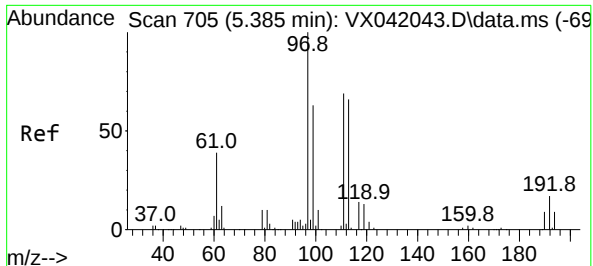
Tgt Ion: 65 Resp: 54837
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

Tgt Ion: 114 Resp: 121718
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 14.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.587 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042825.D

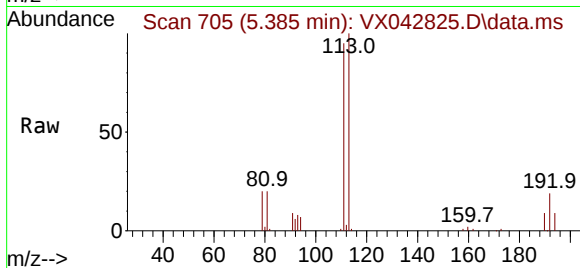
Acq: 02 Aug 2024 05:02

Instrument :

MSVOA_X

ClientSampleId :

931-K1-WPO-0-0.25-073124



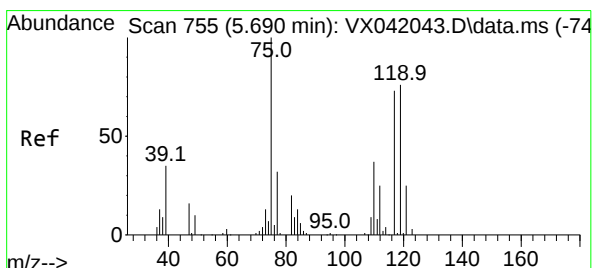
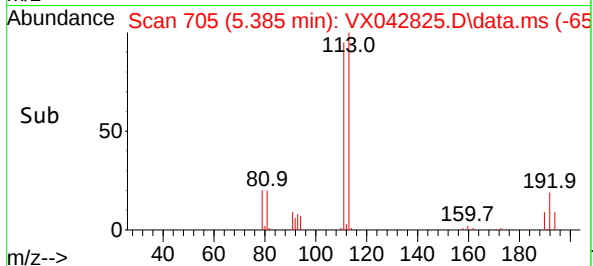
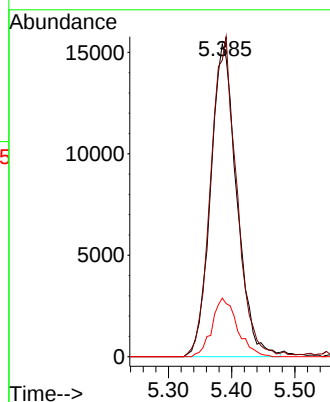
Tgt Ion:113 Resp: 44217

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

192 18.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.271 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX042825.D

Acq: 02 Aug 2024 05:02

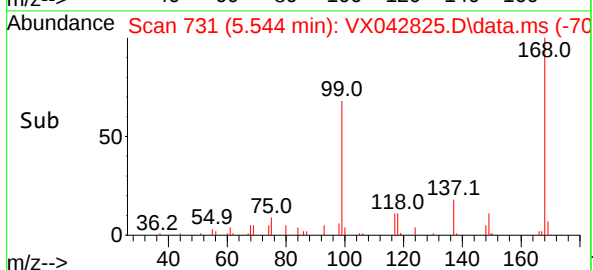
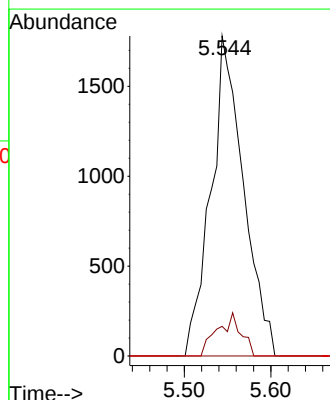
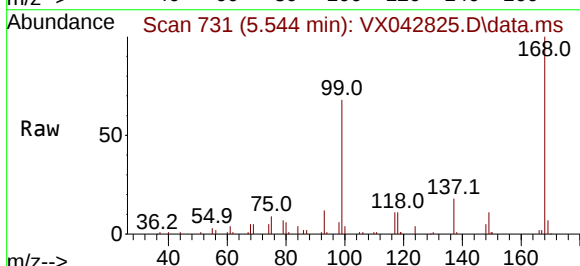
Tgt Ion: 75 Resp: 4657

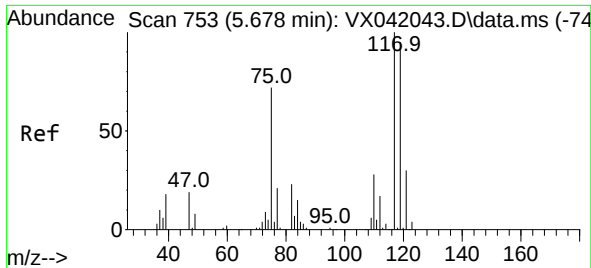
Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#

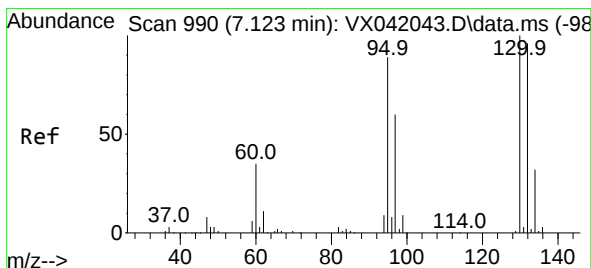
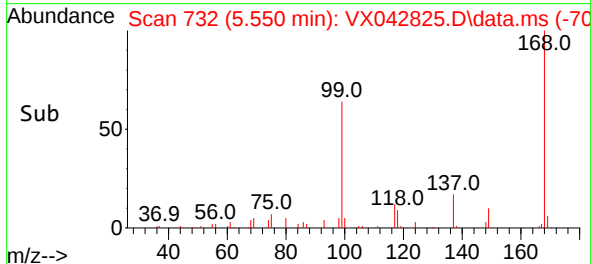
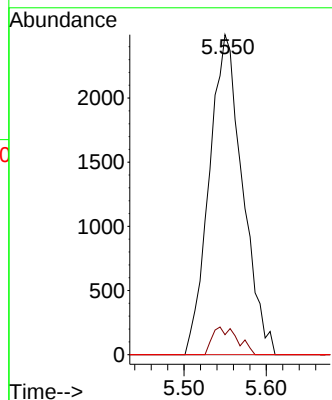
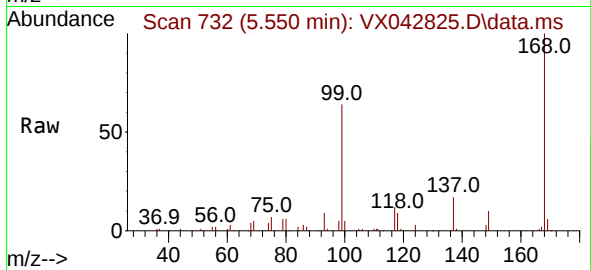




#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

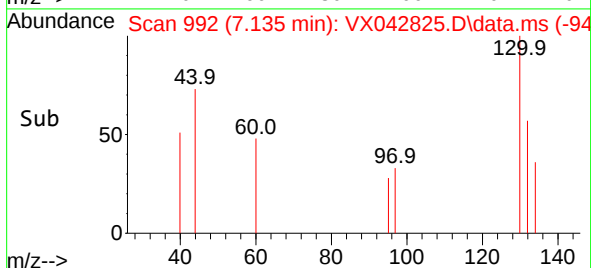
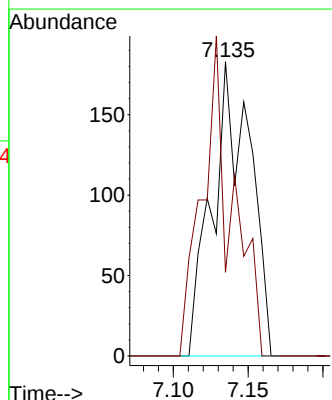
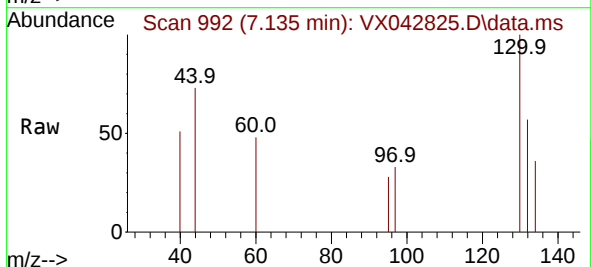
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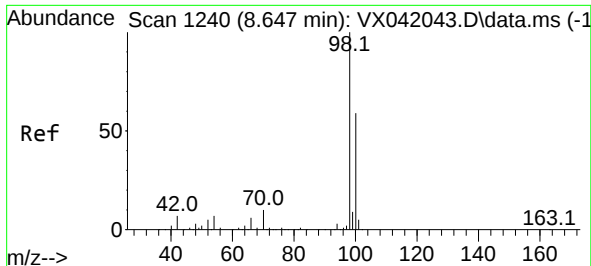
Tgt Ion:117 Resp: 7023
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.359 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

Tgt Ion:130 Resp: 322
Ion Ratio Lower Upper
130 100
95 28.4 0.0 204.4





#50

Toluene-d8

Concen: 46.516 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042825.D

Acq: 02 Aug 2024 05:02

Instrument :

MSVOA_X

ClientSampleId :

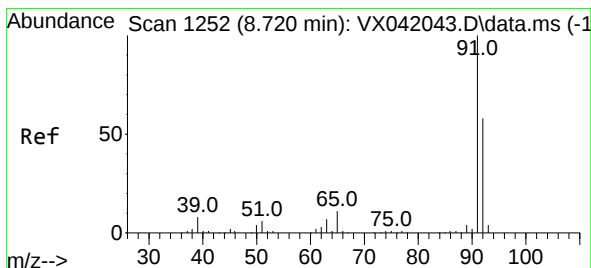
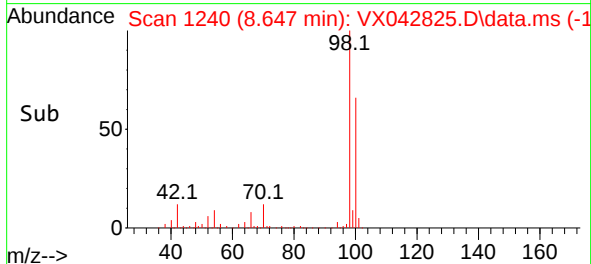
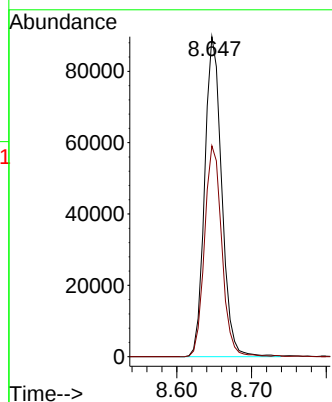
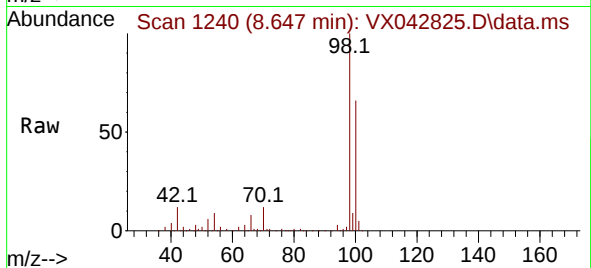
931-K1-WPO-0-0.25-073124

Tgt Ion: 98 Resp: 141969

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#52

Toluene

Concen: 3.150 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042825.D

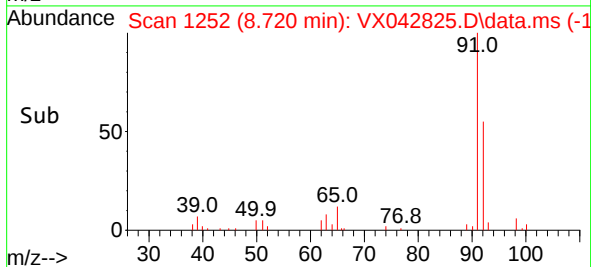
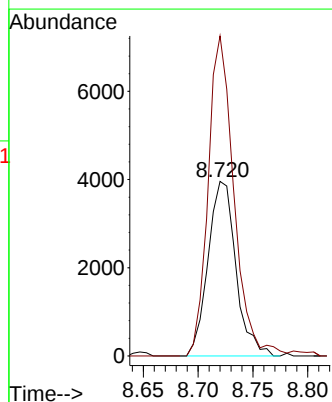
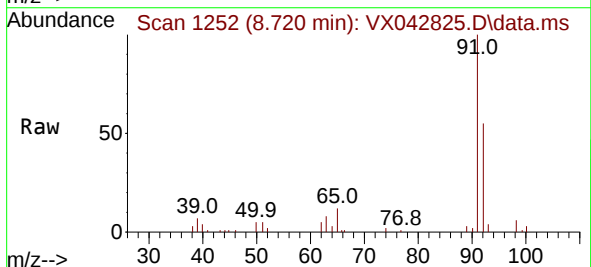
Acq: 02 Aug 2024 05:02

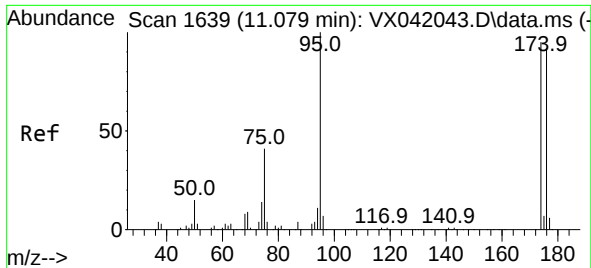
Tgt Ion: 92 Resp: 6993

Ion Ratio Lower Upper

92 100

91 169.6 134.2 201.2

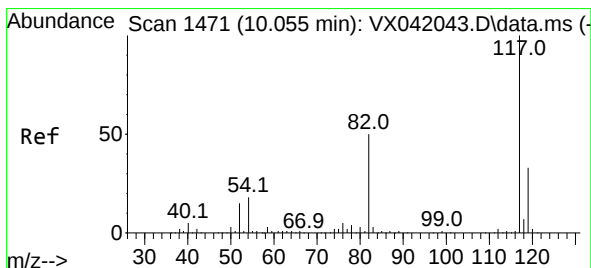
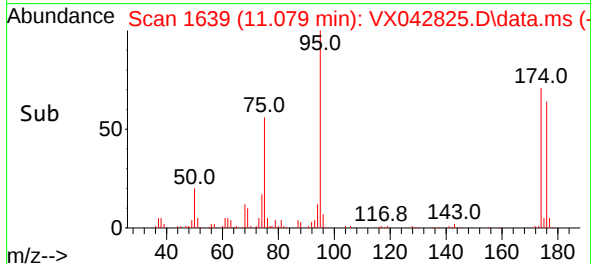
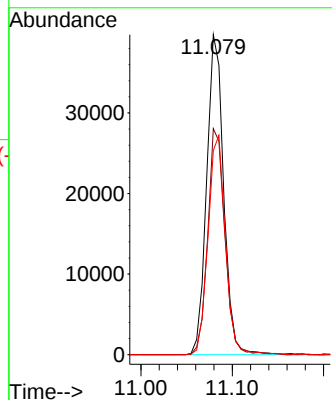
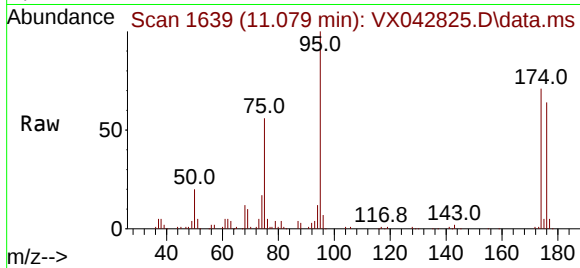




#62
4-Bromofluorobenzene
Concen: 45.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

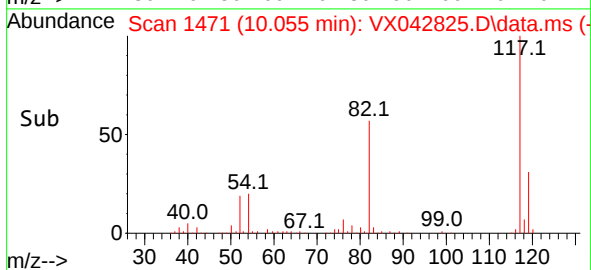
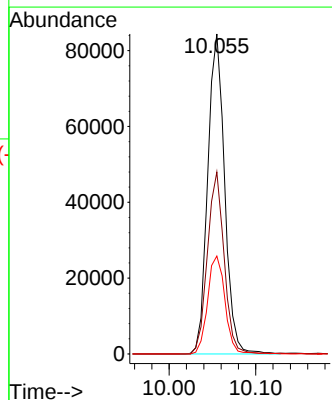
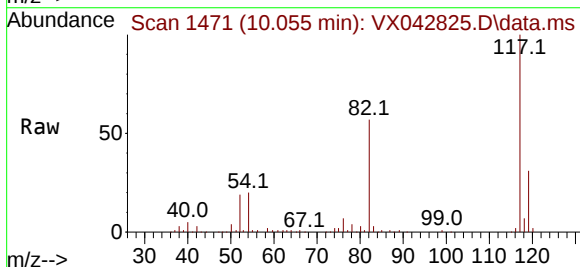
Instrument :
MSVOA_X
ClientSampleId :
931-K1-WPO-0-0.25-073124

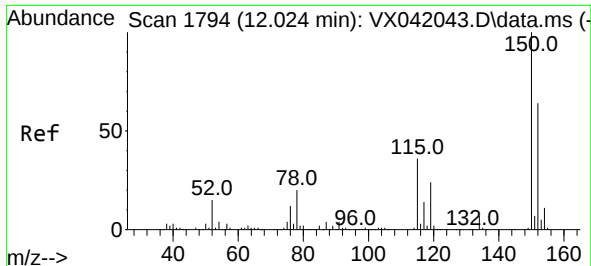
Tgt Ion: 95 Resp: 51048
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

Tgt Ion: 117 Resp: 114461
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 30.6 25.5 38.3

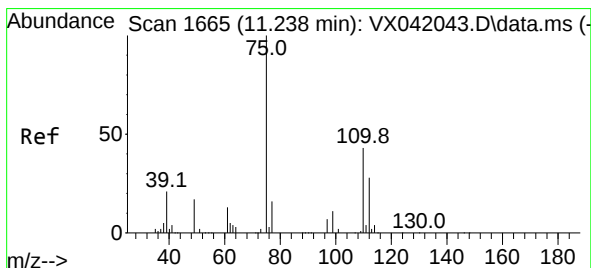
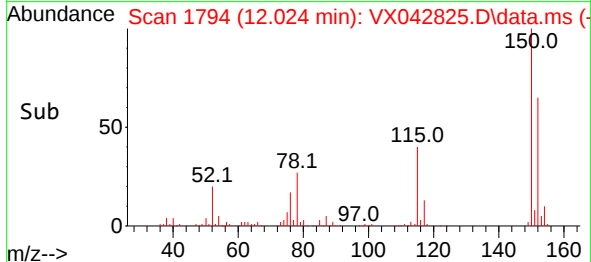
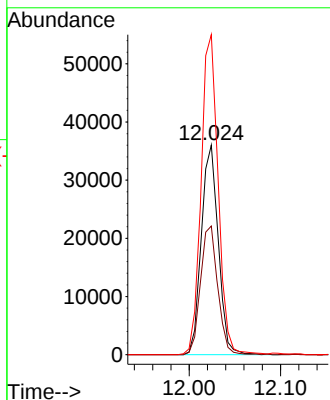
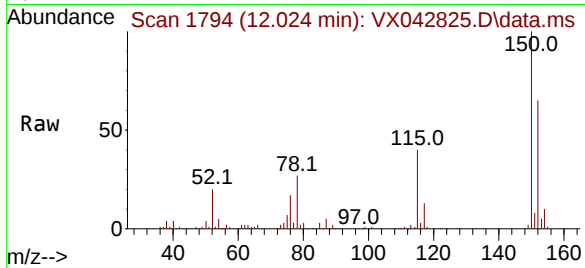




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

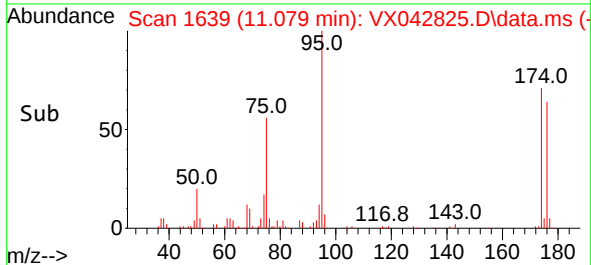
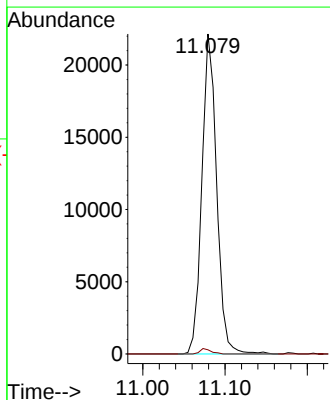
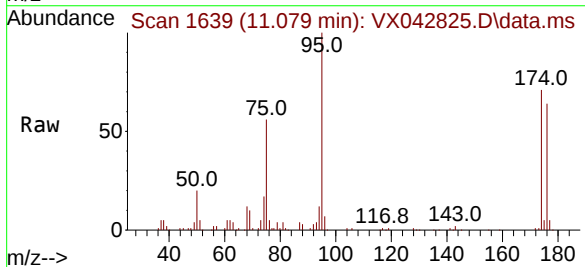
Instrument :
MSVOA_X
ClientSampleId :
931-K1-WPO-0-0.25-073124

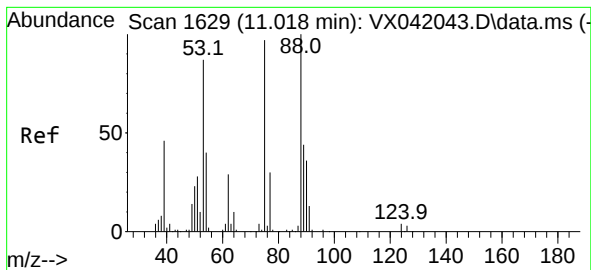
Tgt Ion:	152	Resp:	46411
Ion	Ratio	Lower	Upper
152	100		
115	62.5	43.3	129.9
150	153.7	0.0	345.0



#76
1,2,3-Trichloropropane
Concen: 26.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042825.D
Acq: 02 Aug 2024 05:02

Tgt Ion:	75	Resp:	27644
Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.152 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042825.D
 Acq: 02 Aug 2024 05:02

Instrument :
 MSVOA_X
 ClientSampleId :
 931-K1-WPO-0-0.25-073124

Tgt Ion: 75 Resp: 27644
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

