

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042826.D
 Acq On : 02 Aug 2024 05:25
 Operator : JC/MD
 Sample : P3430-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Aug 02 08:29:46 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)

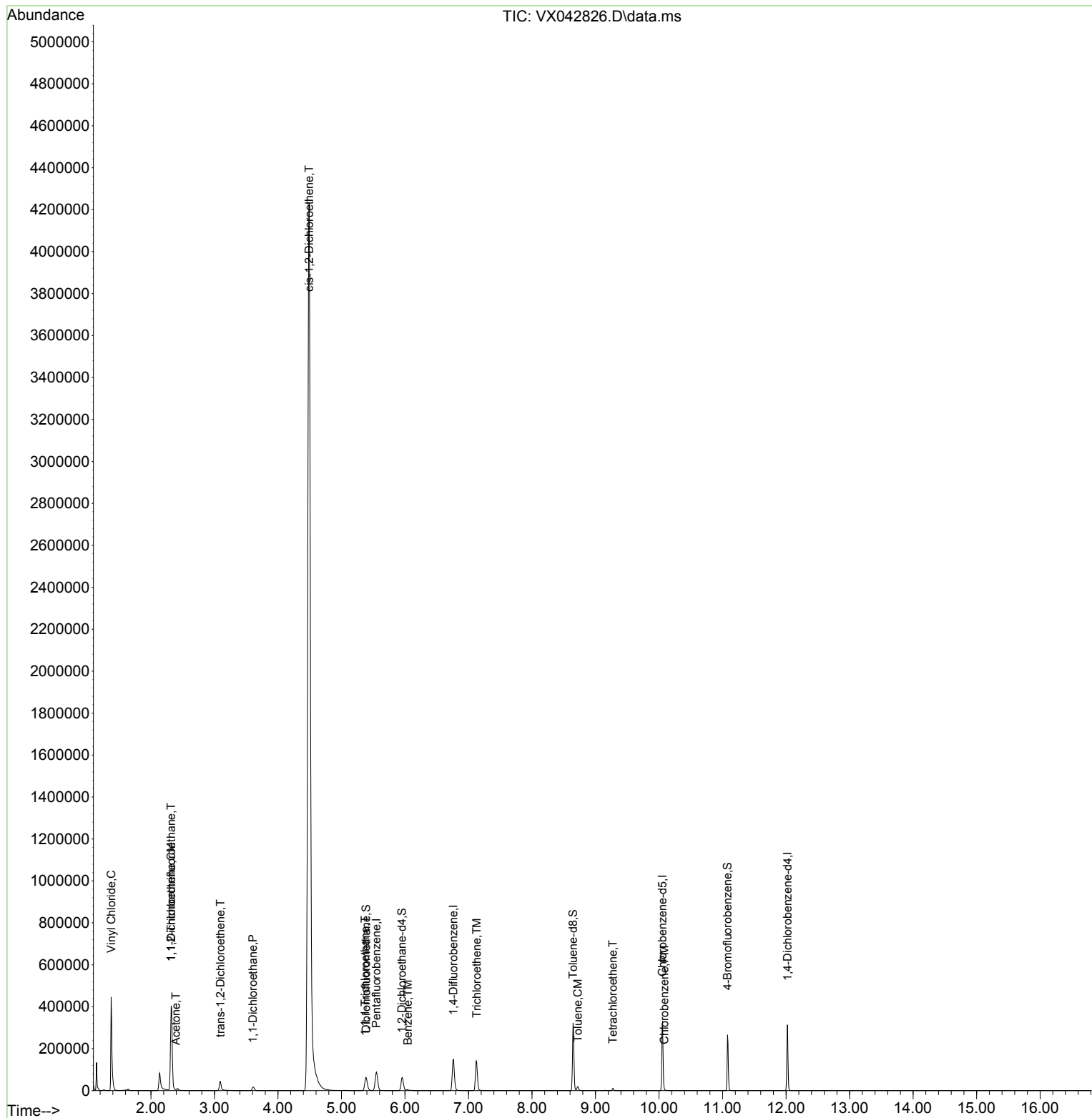
Internal Standards						
1) Pentafluorobenzene	5.550	168	79643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64710	50.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.140%	
35) Dibromofluoromethane	5.385	113	53055	49.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.260%	
50) Toluene-d8	8.647	98	189751	48.411	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.820%	
62) 4-Bromofluorobenzene	11.079	95	71388	49.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.680%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	321351	325.304	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	154218	154.210	ug/l	99
12) 1,1-Dichloroethene	2.319	96	9307	9.601	ug/l #	70
16) Acetone	2.392	43	2509	5.400	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	21926	21.922	ug/l	84
24) 1,1-Dichloroethane	3.605	63	21191	12.211	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	3067376	2623.520	ug/l	81
32) 1,1,1-Trichloroethane	5.373	97	2990	1.745	ug/l #	93
40) Benzene	6.043	78	5083	1.157	ug/l	93
44) Trichloroethene	7.129	130	54701	47.551	ug/l	93
52) Toluene	8.720	92	7852	2.754	ug/l	98
64) Tetrachloroethene	9.275	164	1901	1.840	ug/l	96
65) Chlorobenzene	10.085	112	1976	0.587	ug/l	95

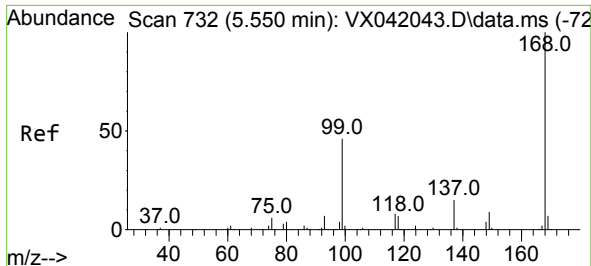
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 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: VX042826.D

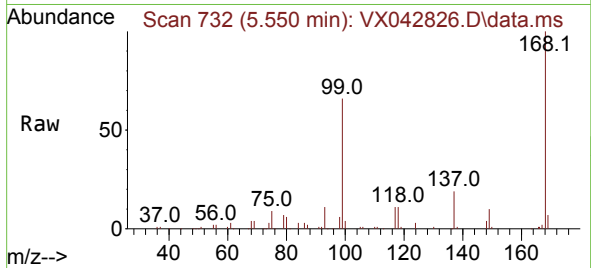
Acq: 02 Aug 2024 05:25

Instrument :

MSVOA_X

ClientSampleId :

925-K1-WPO-0-0.25-073124

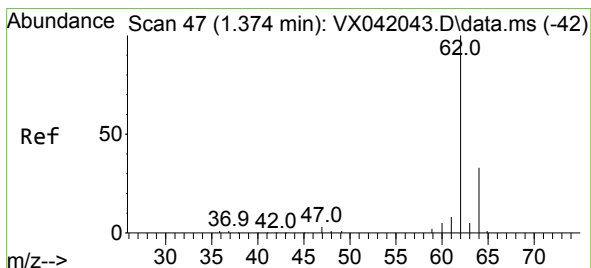
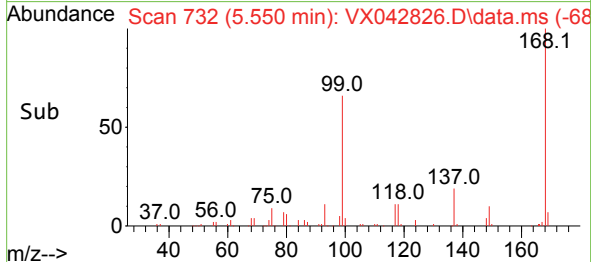
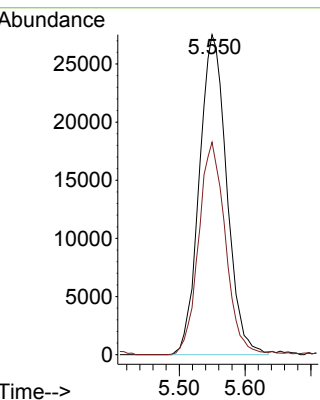


Tgt Ion:168 Resp: 79643

Ion Ratio Lower Upper

168 100

99 66.4 56.6 85.0



#4

Vinyl Chloride

Concen: 325.304 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042826.D

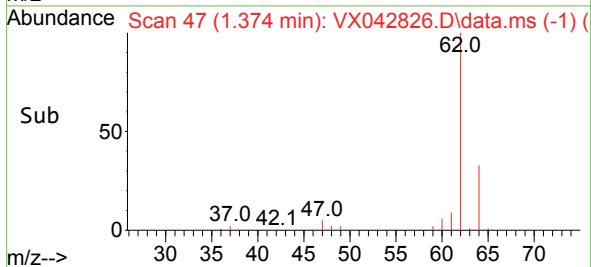
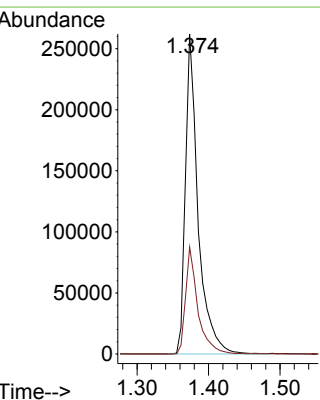
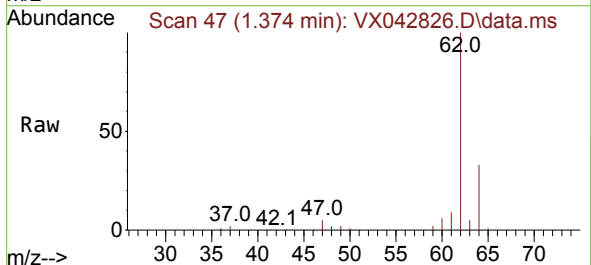
Acq: 02 Aug 2024 05:25

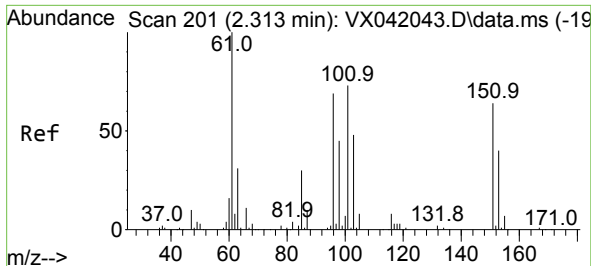
Tgt Ion: 62 Resp: 321351

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0

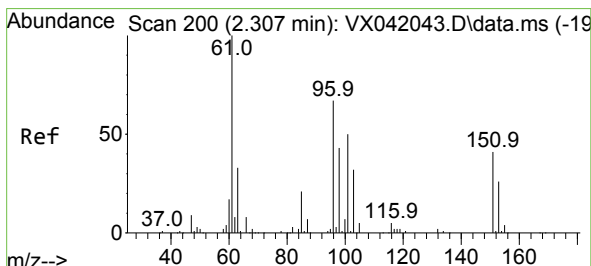
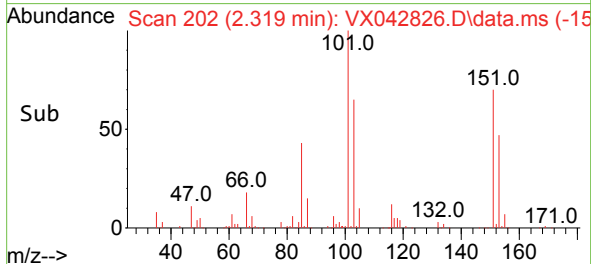
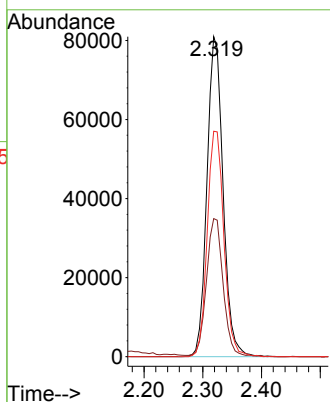
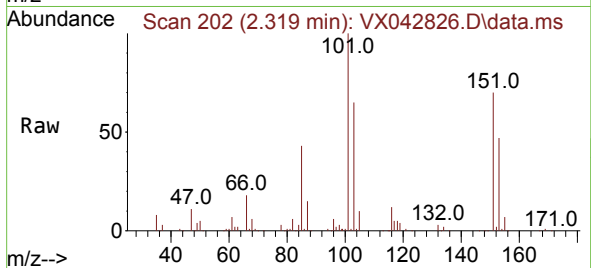




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 154.210 ug/l
 RT: 2.319 min Scan# 201
 Delta R.T. 0.007 min
 Lab File: VX042826.D
 Acq: 02 Aug 2024 05:25

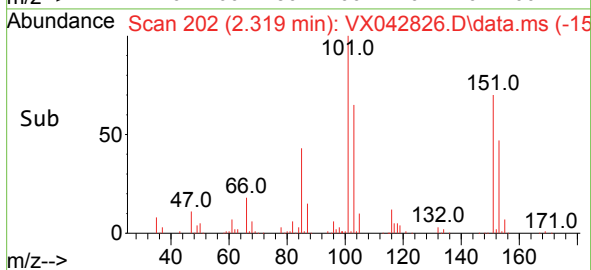
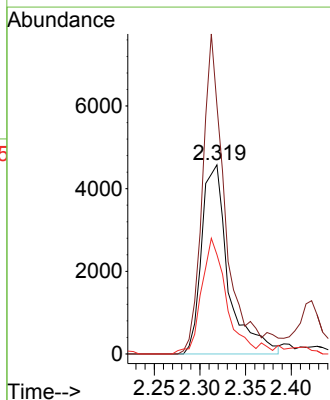
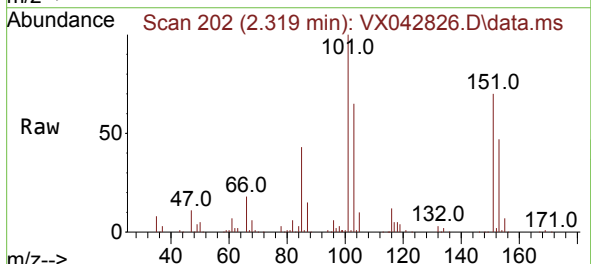
Instrument :
 MSVOA_X
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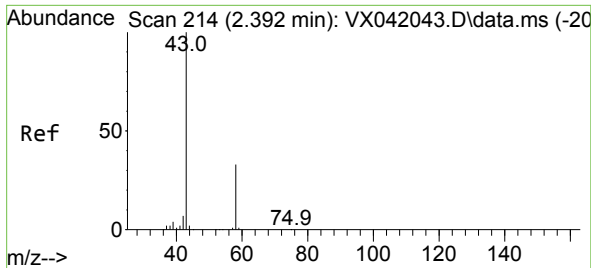
Tgt Ion:101 Resp: 154218
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.0 55.6
 151 72.8 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 9.601 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.013 min
 Lab File: VX042826.D
 Acq: 02 Aug 2024 05:25

Tgt Ion: 96 Resp: 9307
 Ion Ratio Lower Upper
 96 100
 61 131.6 144.6 216.8#
 98 50.7 50.4 75.6

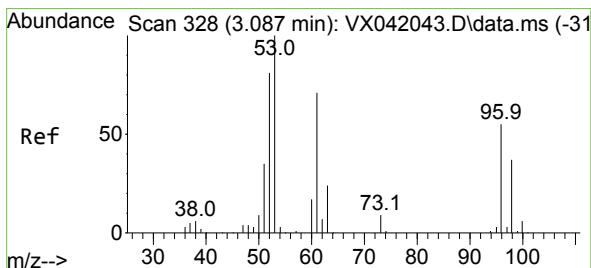
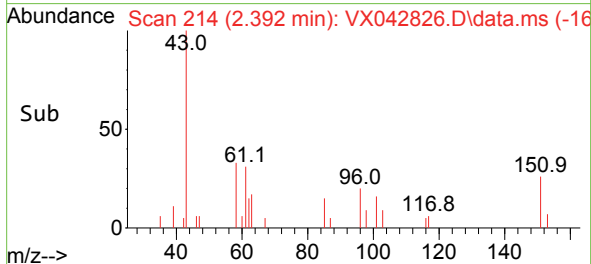
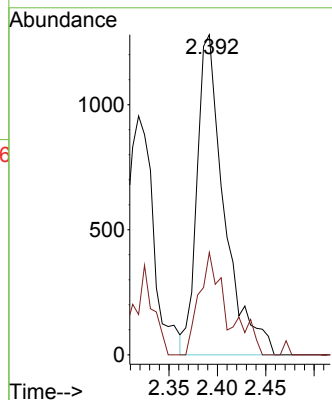
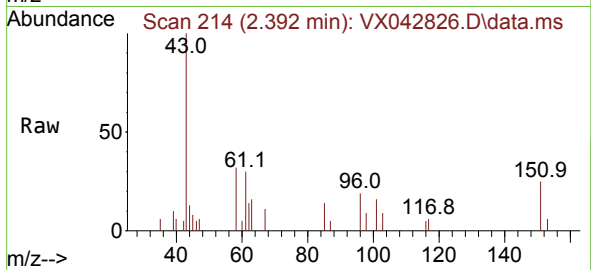




#16
Acetone
Concen: 5.400 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

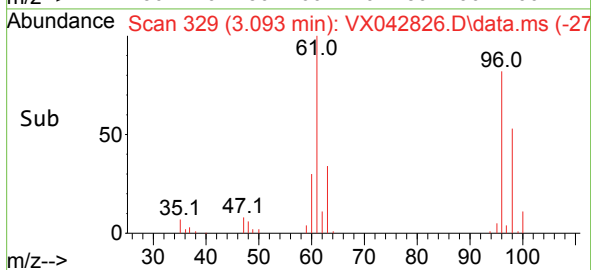
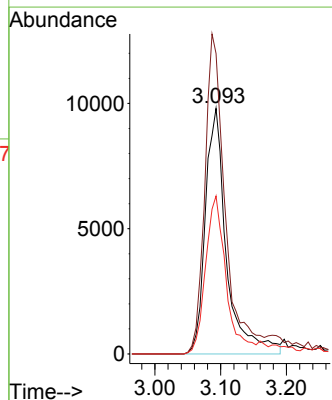
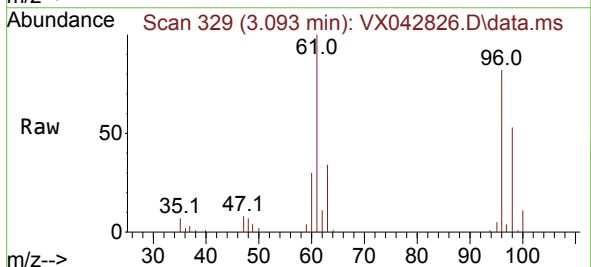
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124

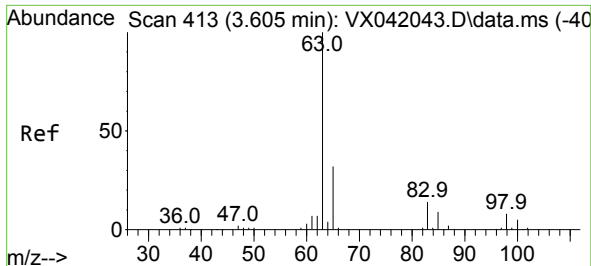
Tgt Ion: 43 Resp: 2509
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9



#21
trans-1,2-Dichloroethene
Concen: 21.922 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

Tgt Ion: 96 Resp: 21926
Ion Ratio Lower Upper
96 100
61 122.3 119.2 178.8
98 64.3 48.7 73.1

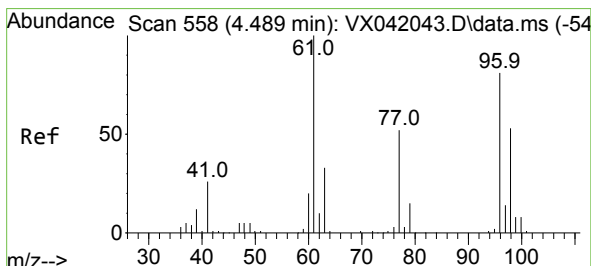
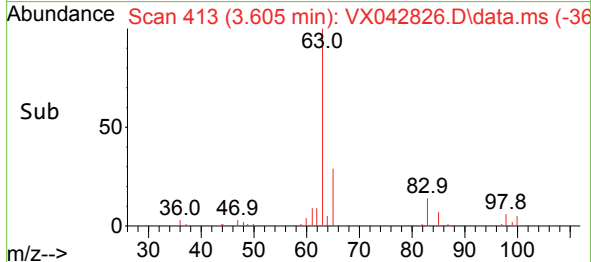
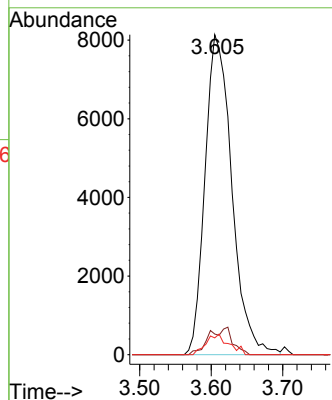
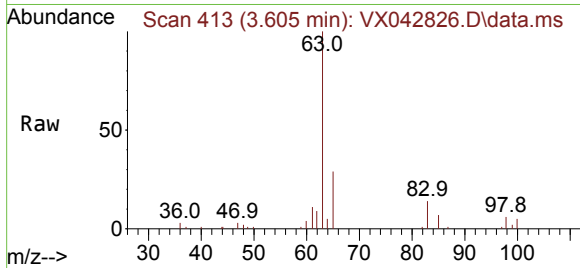




#24
1,1-Dichloroethane
Concen: 12.211 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

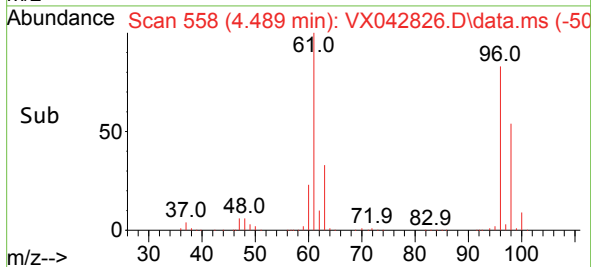
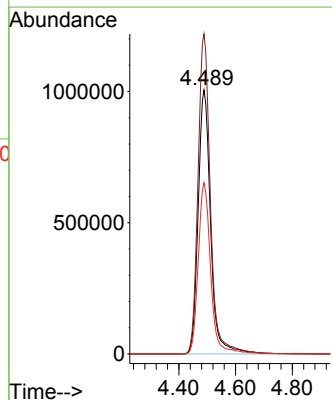
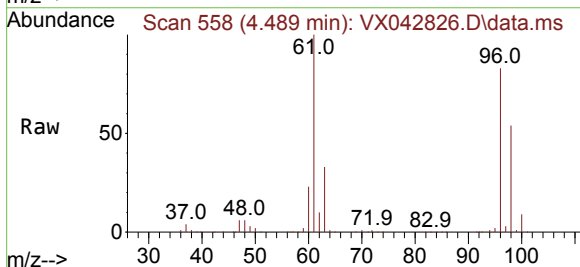
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124

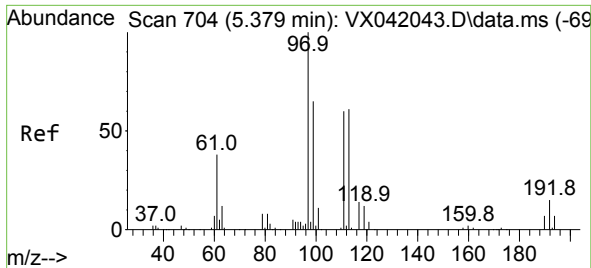
Tgt Ion: 63 Resp: 21191
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.8
100 5.3 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 2623.520 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

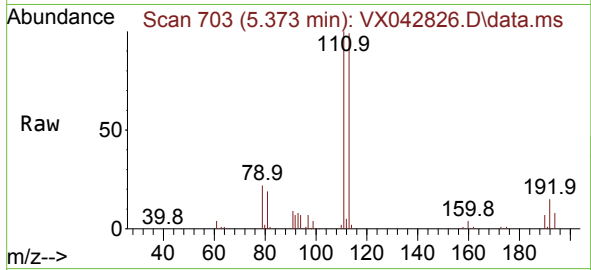
Tgt Ion: 96 Resp: 3067376
Ion Ratio Lower Upper
96 100
61 120.7 0.0 312.2
98 64.7 0.0 129.0



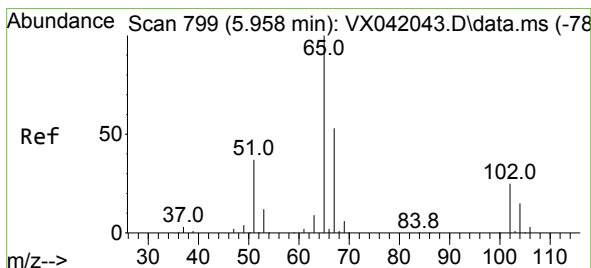
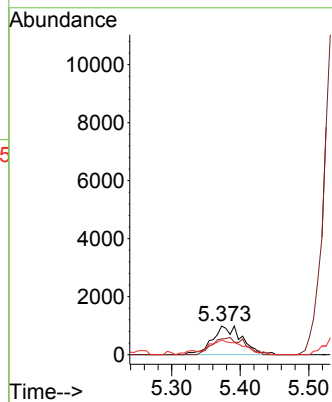
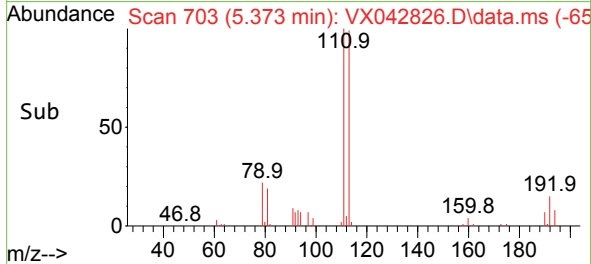


#32
1,1,1-Trichloroethane
Concen: 1.745 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

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

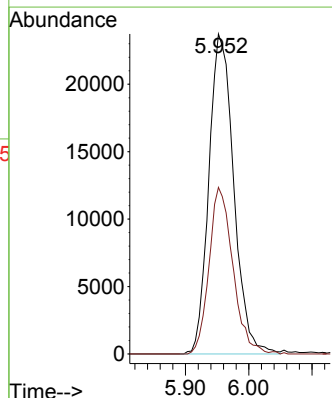
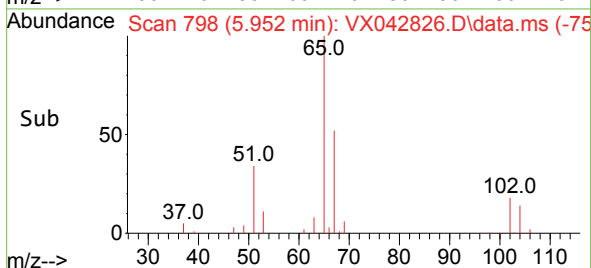
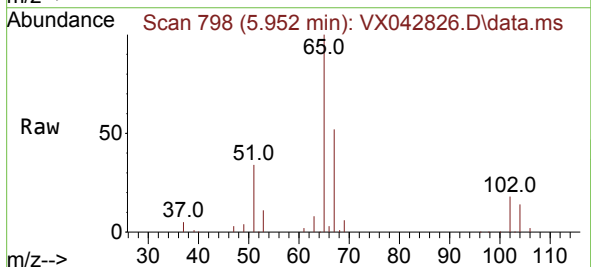


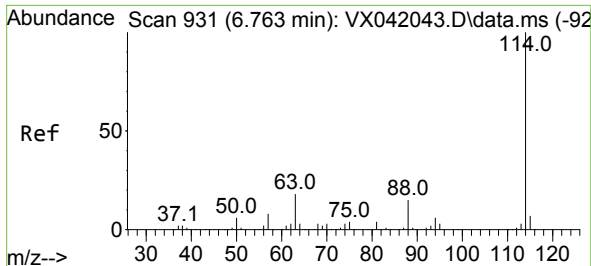
Tgt Ion: 97 Resp: 2990
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 55.9 36.4 54.6#



#33
1,2-Dichloroethane-d4
Concen: 50.573 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

Tgt Ion: 65 Resp: 64710
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

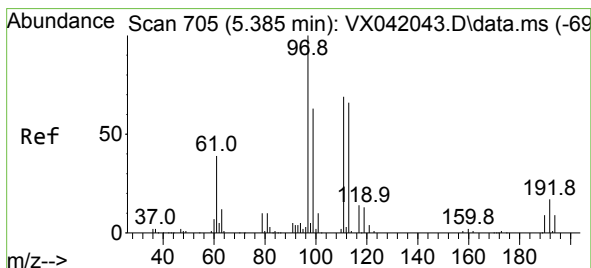
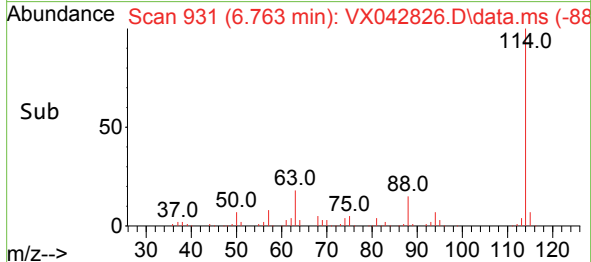
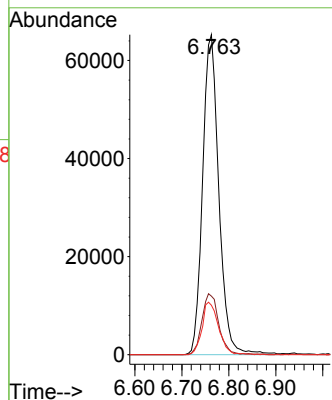
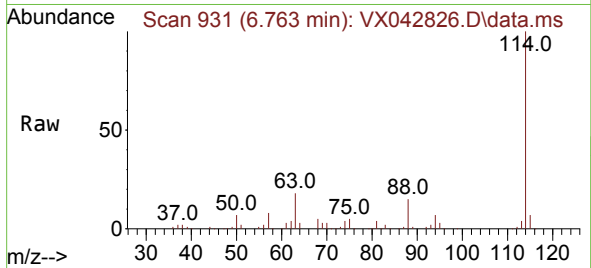




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

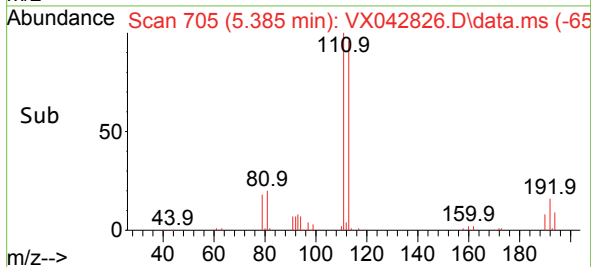
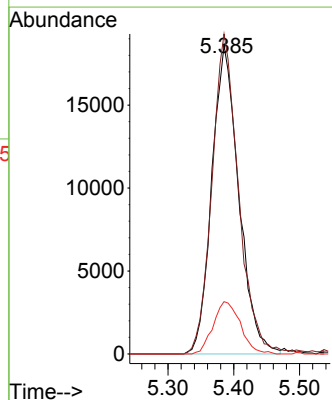
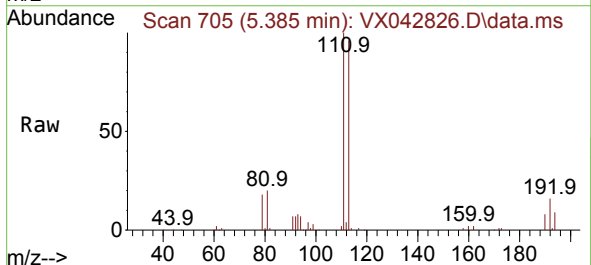
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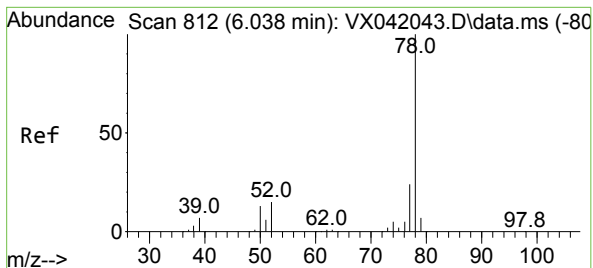
Tgt Ion:114 Resp: 156317
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

Tgt Ion:113 Resp: 53055
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.2 13.3 19.9





#40

Benzene

Concen: 1.157 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX042826.D

Acq: 02 Aug 2024 05:25

Instrument :

MSVOA_X

ClientSampleId :

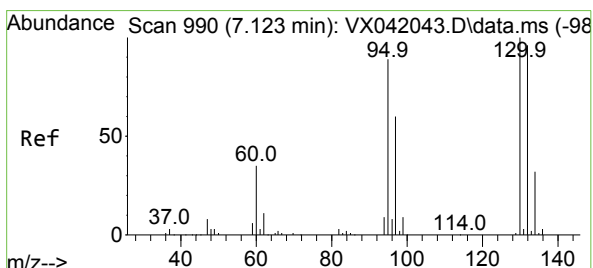
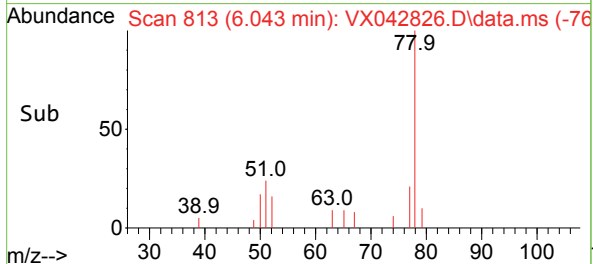
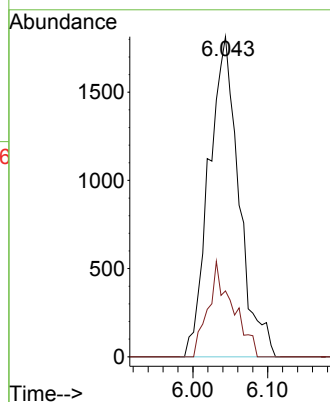
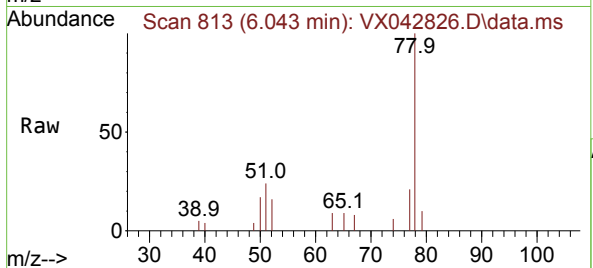
925-K1-WPO-0-0.25-073124

Tgt Ion: 78 Resp: 5083

Ion Ratio Lower Upper

78 100

77 20.6 19.3 28.9



#44

Trichloroethene

Concen: 47.551 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX042826.D

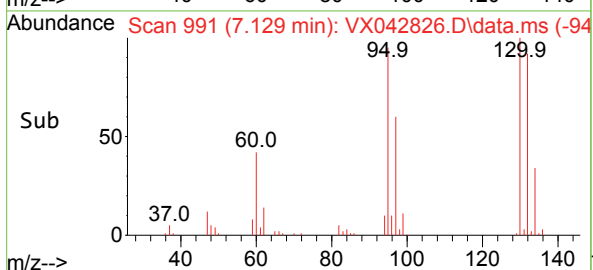
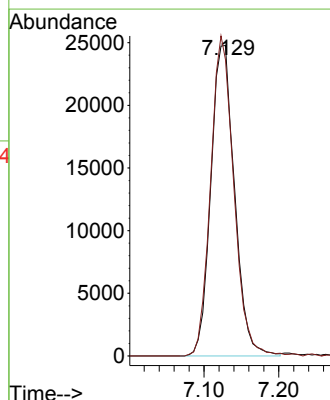
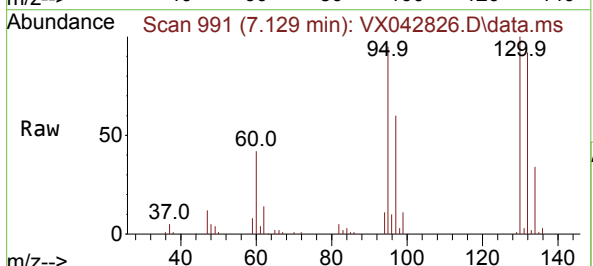
Acq: 02 Aug 2024 05:25

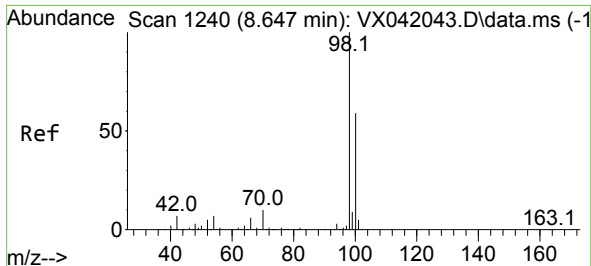
Tgt Ion:130 Resp: 54701

Ion Ratio Lower Upper

130 100

95 95.5 0.0 204.4

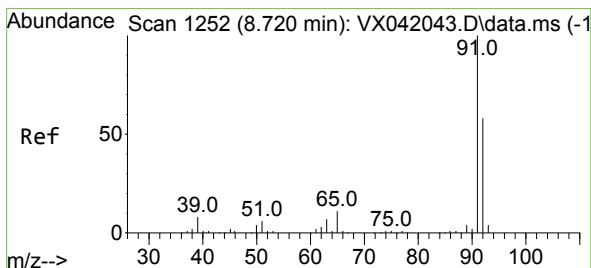
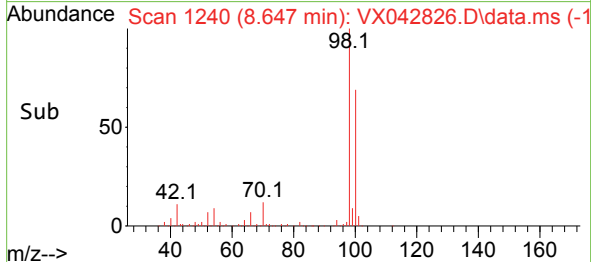
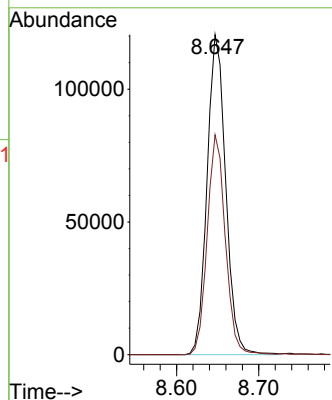
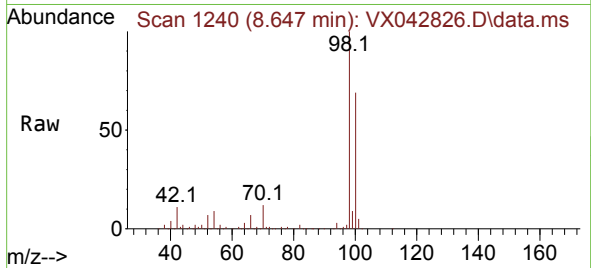




#50
Toluene-d8
Concen: 48.411 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

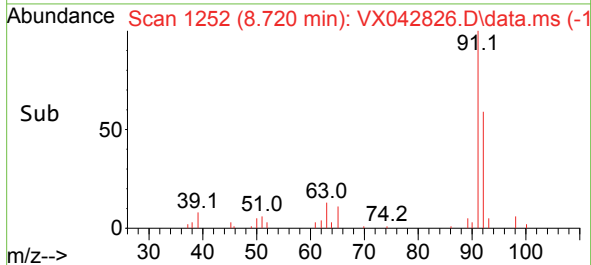
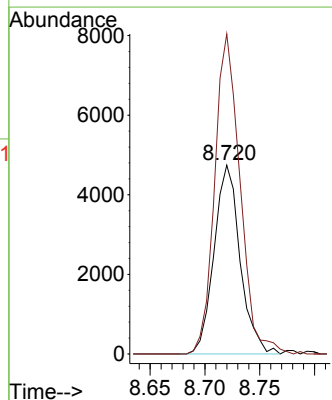
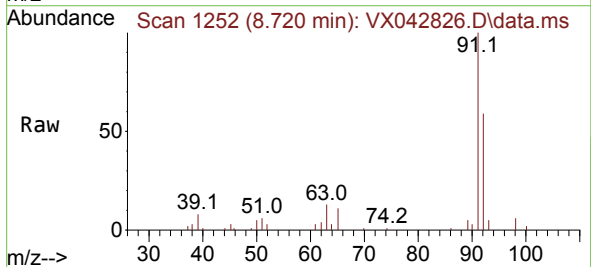
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124

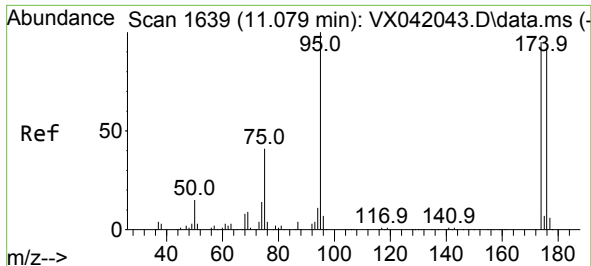
Tgt Ion: 98 Resp: 189751
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#52
Toluene
Concen: 2.754 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

Tgt Ion: 92 Resp: 7852
Ion Ratio Lower Upper
92 100
91 165.3 134.2 201.2

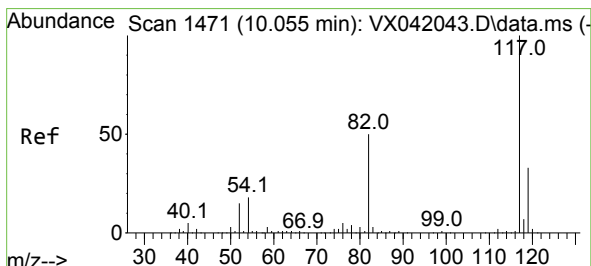
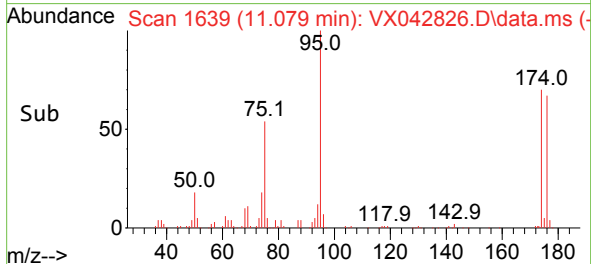
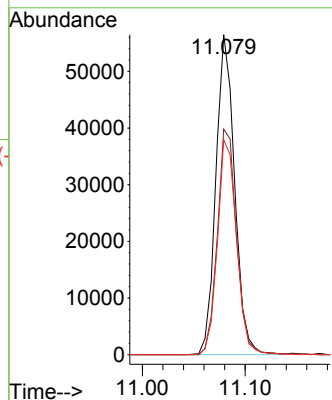
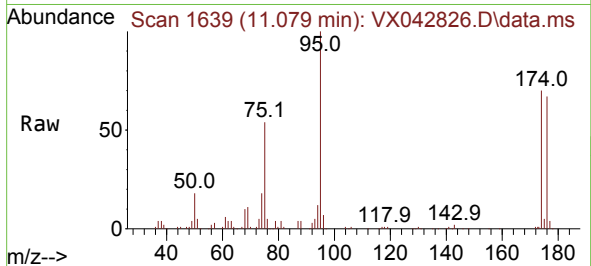




#62
4-Bromofluorobenzene
Concen: 49.838 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

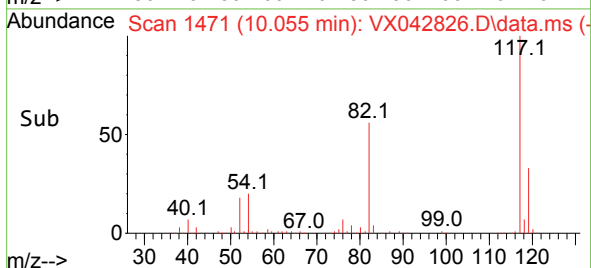
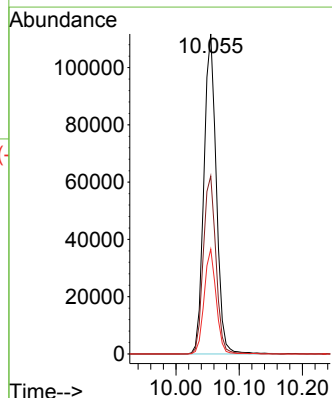
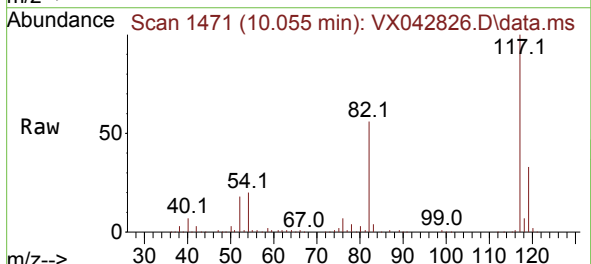
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124

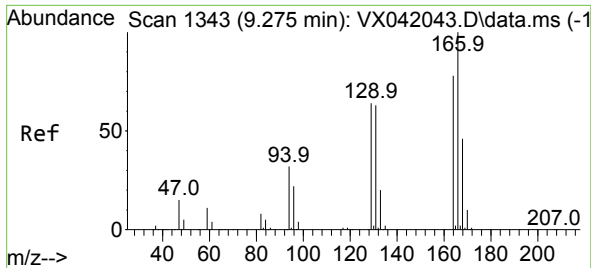
Tgt Ion: 95 Resp: 71388
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 68.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

Tgt Ion: 117 Resp: 152527
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.8 25.5 38.3

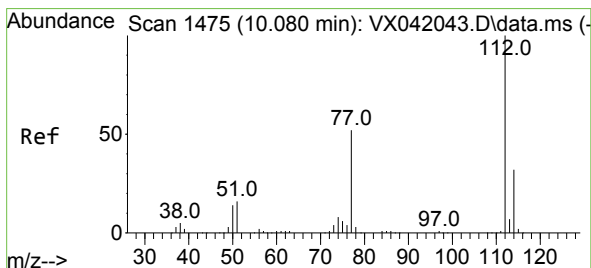
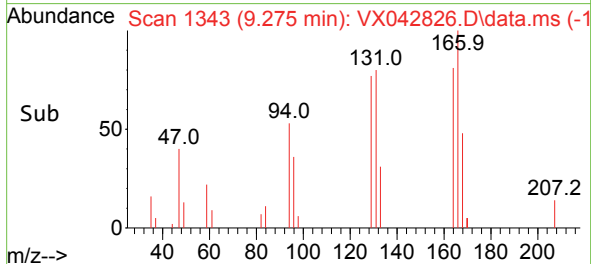
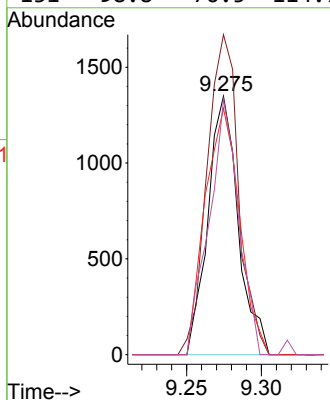
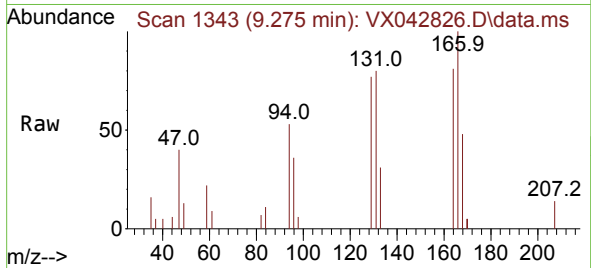




#64
Tetrachloroethene
Concen: 1.840 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

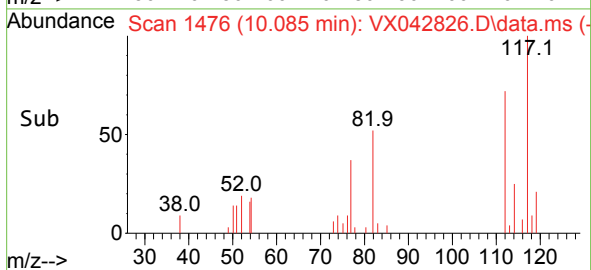
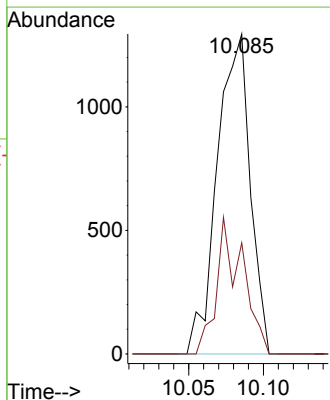
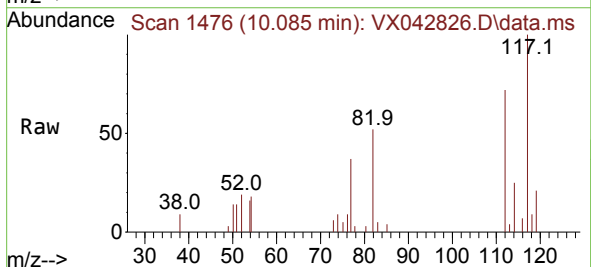
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124

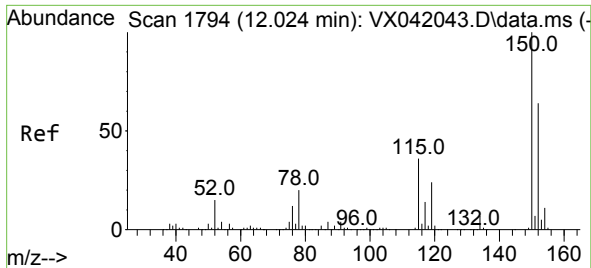
Tgt Ion:164	Resp:	1901
Ion	Ratio	Lower Upper
164	100	
166	123.8	102.7 154.1
129	95.3	80.4 120.6
131	98.8	76.5 114.7



#65
Chlorobenzene
Concen: 0.587 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX042826.D
Acq: 02 Aug 2024 05:25

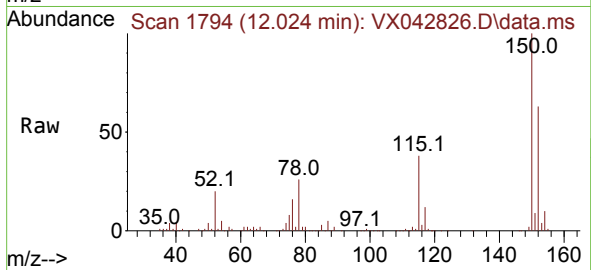
Tgt Ion:112	Resp:	1976
Ion	Ratio	Lower Upper
112	100	
114	34.7	25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042826.D
 Acq: 02 Aug 2024 05:25

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



Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	43.3	129.9
150	160.5	0.0	345.0

