

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042822.D
 Acq On : 02 Aug 2024 03:52
 Operator : JC/MD
 Sample : P3430-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Aug 02 05:43:14 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)

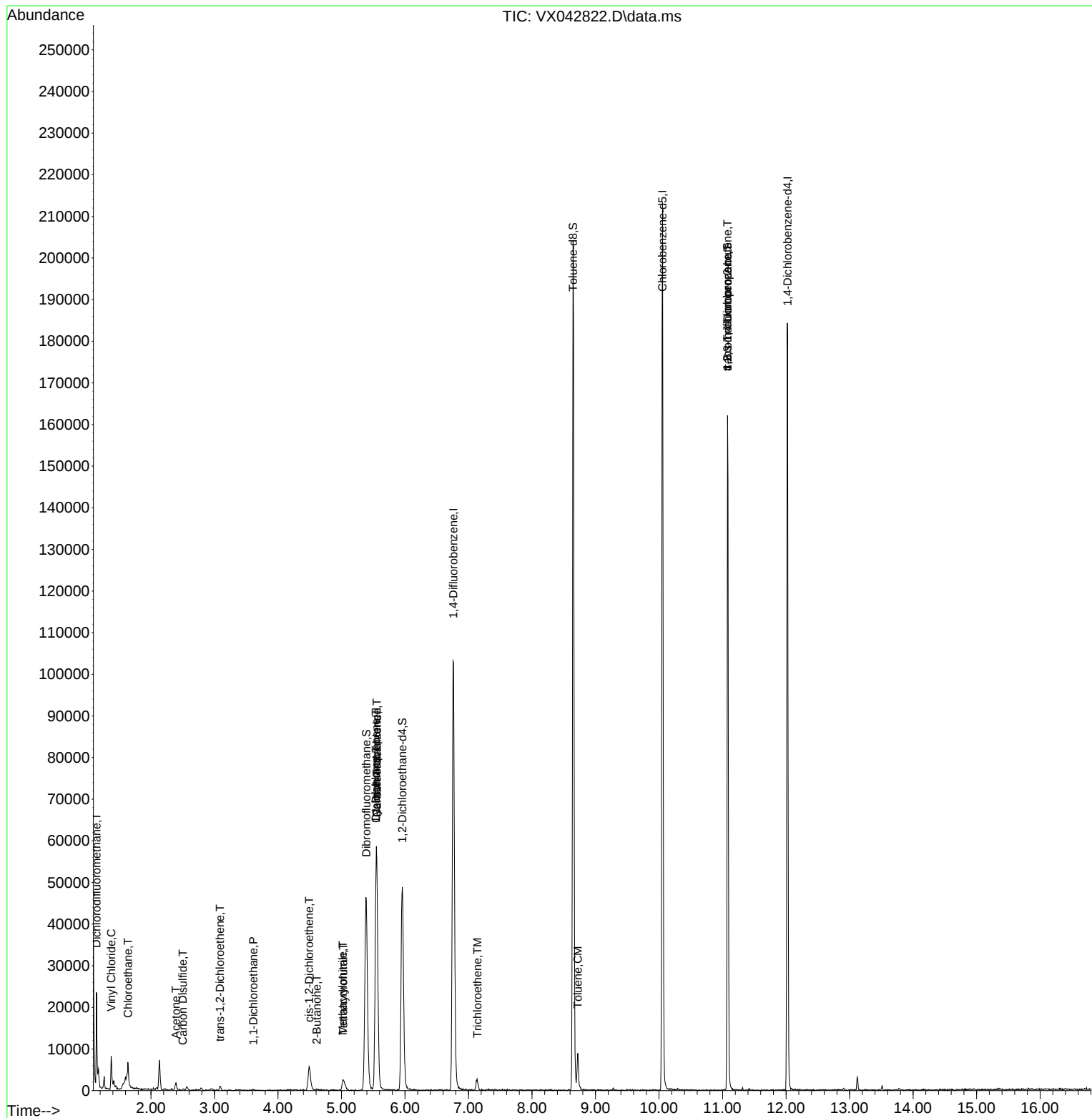
Internal Standards						
1) Pentafluorobenzene	5.556	168	51391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51639	62.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.080%#
35) Dibromofluoromethane	5.391	113	40745	55.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.440%
50) Toluene-d8	8.647	98	122168	46.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	44479	45.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.142	85	2020	2.480	ug/l	98
3) Chloromethane	1.300	50	240	Below Cal	#	43
4) Vinyl Chloride	1.374	62	4939	7.748	ug/l	96
6) Chloroethane	1.636	64	148	0.643	ug/l #	43
11) Tert butyl alcohol	2.989	59	27	Below Cal	#	78
16) Acetone	2.392	43	2090	6.971	ug/l #	60
17) Carbon Disulfide	2.501	76	345	0.245	ug/l #	76
20) Methylene Chloride	2.794	84	336	Below Cal	#	40
21) trans-1,2-Dichloroethene	3.087	96	588	0.911	ug/l #	58
24) 1,1-Dichloroethane	3.611	63	408	0.364	ug/l #	83
25) 2-Butanone	4.611	43	401	0.910	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	3858	5.114	ug/l	80
29) Tetrahydrofuran	5.025	42	2072	7.552	ug/l #	81
31) Cyclohexane	5.544	56	1153	1.267	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	4392	4.632	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6060	5.545	ug/l #	15
41) Methacrylonitrile	5.019	41	806	1.575	ug/l #	35
44) Trichloroethene	7.141	130	1240	1.592	ug/l	66
52) Toluene	8.720	92	3604	1.867	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	24032	27.670	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	24032	81.898	ug/l #	5

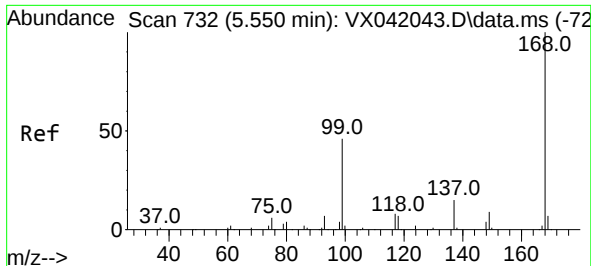
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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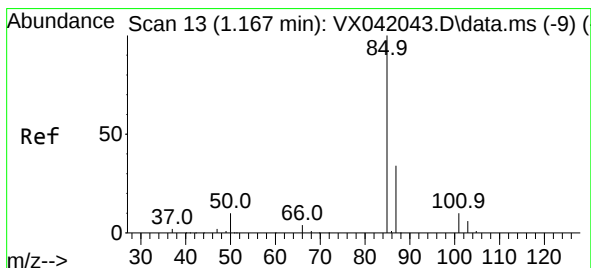
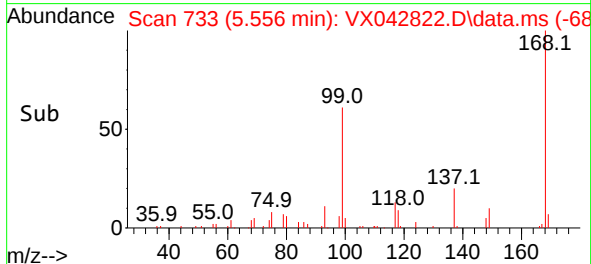
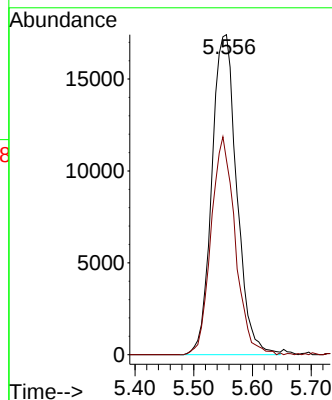
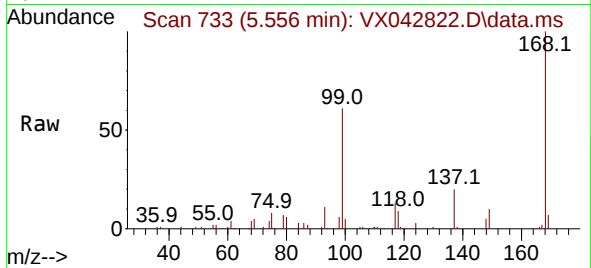




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

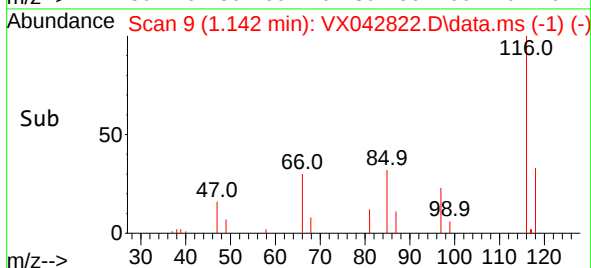
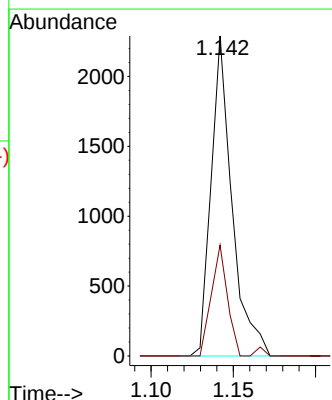
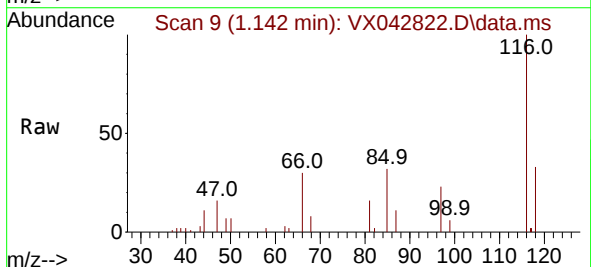
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WPO-0-0.25-073124

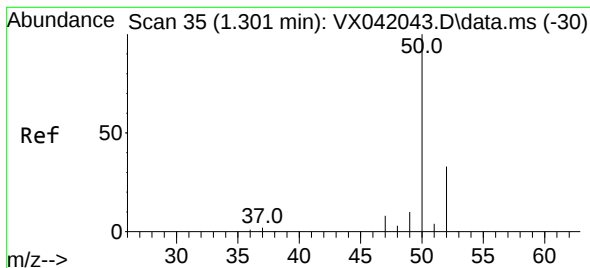
Tgt Ion:168 Resp: 51391
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 2.480 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion: 85 Resp: 2020
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.1





#3

Chloromethane

Concen: Below Cal

RT: 1.300 min Scan# 31

Delta R.T. -0.007 min

Lab File: VX042822.D

Acq: 02 Aug 2024 03:52

Instrument :

MSVOA_X

ClientSampleId :

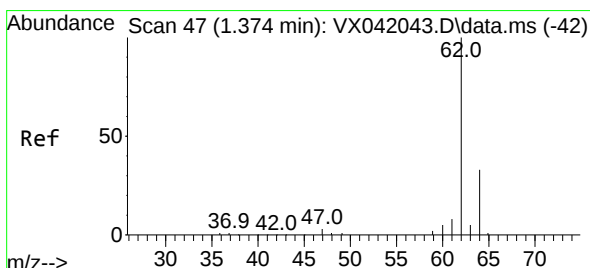
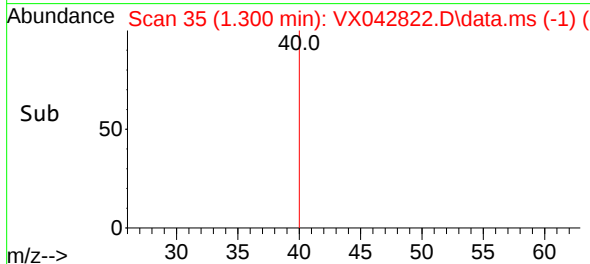
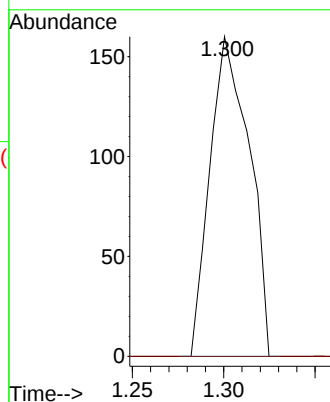
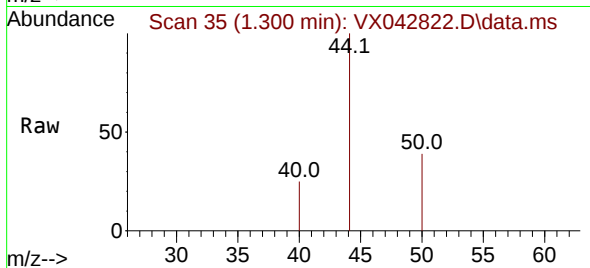
927-K1-WPO-0-0.25-073124

Tgt Ion: 50 Resp: 240

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



#4

Vinyl Chloride

Concen: 7.748 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042822.D

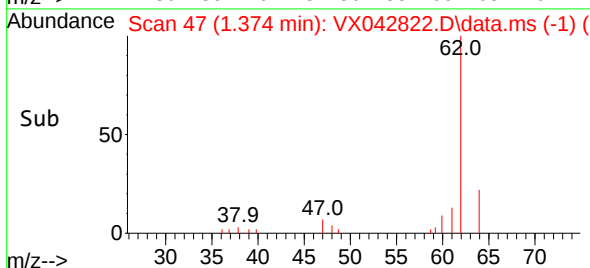
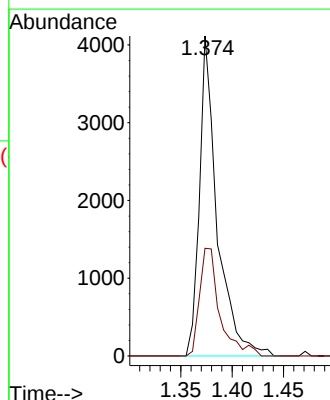
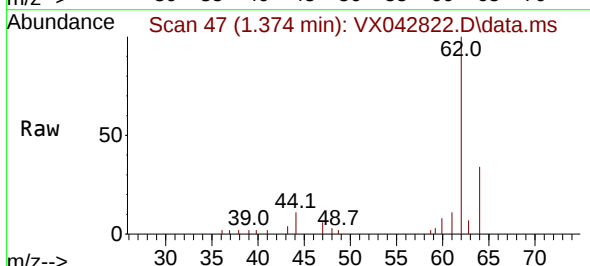
Acq: 02 Aug 2024 03:52

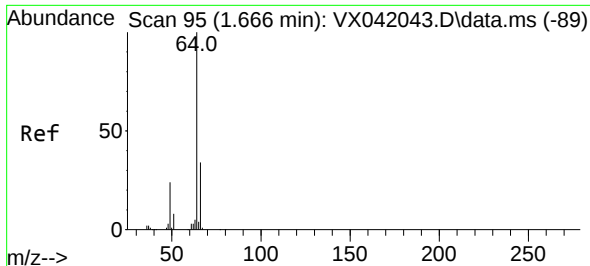
Tgt Ion: 62 Resp: 4939

Ion Ratio Lower Upper

62 100

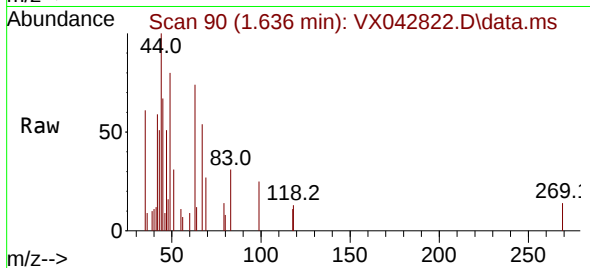
64 33.7 25.4 38.0



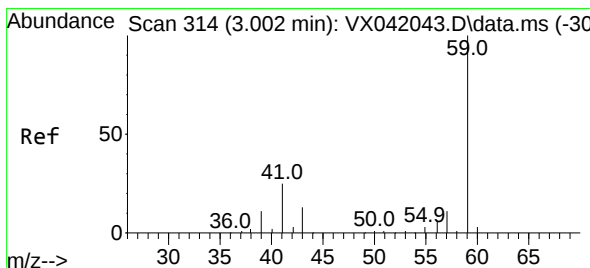
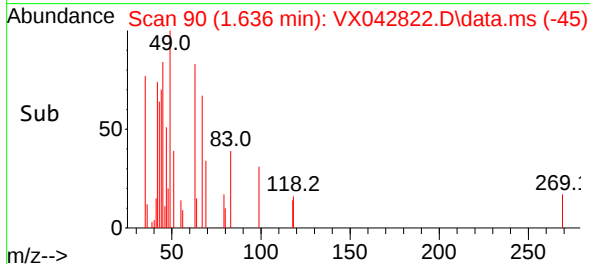
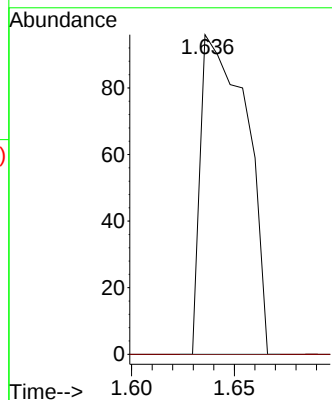


#6
Chloroethane
Concen: 0.643 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

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

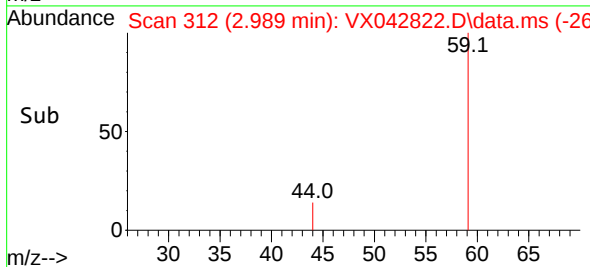
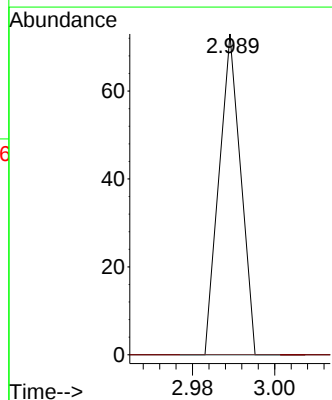
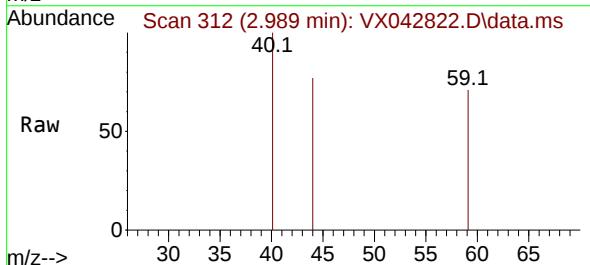


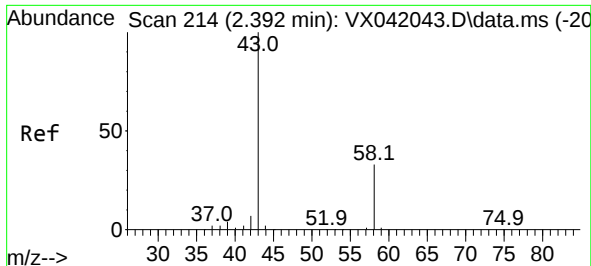
Tgt Ion: 64 Resp: 148
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

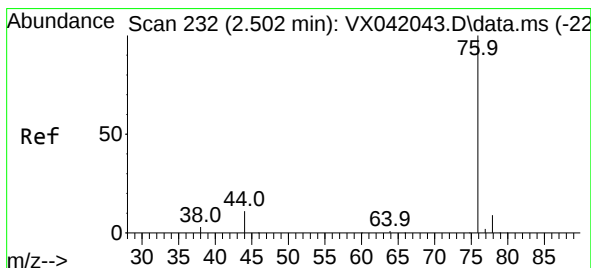
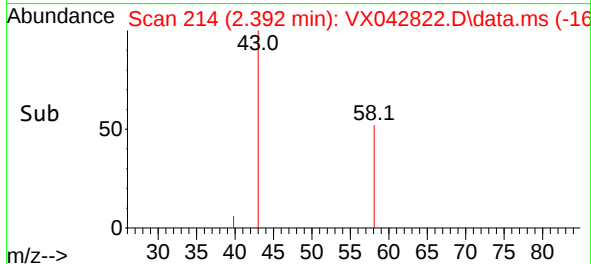
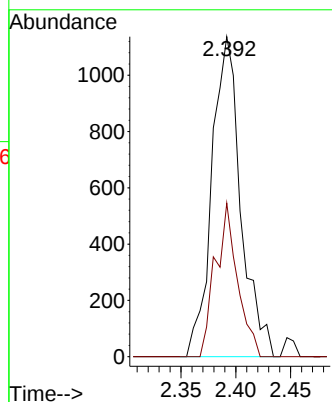
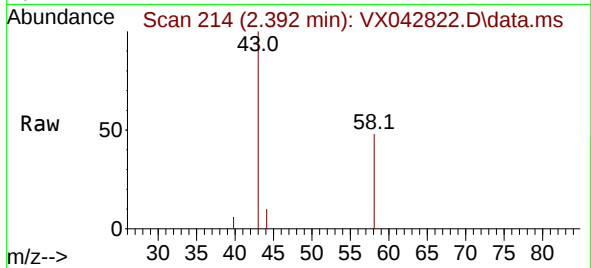




#16
Acetone
Concen: 6.971 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

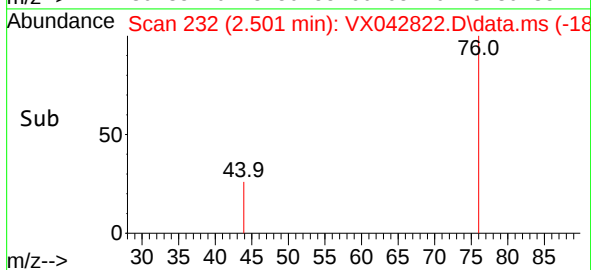
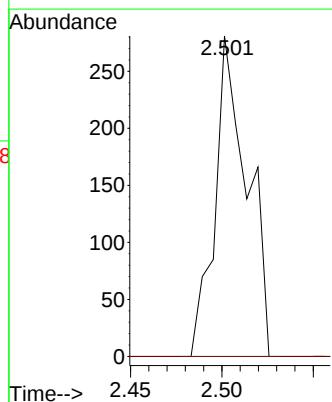
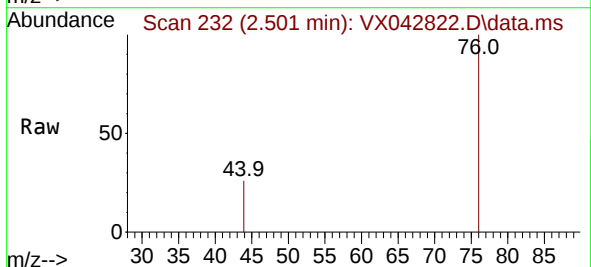
Instrument : MSVOA_X
ClientSampleId : 927-K1-WPO-0-0.25-073124

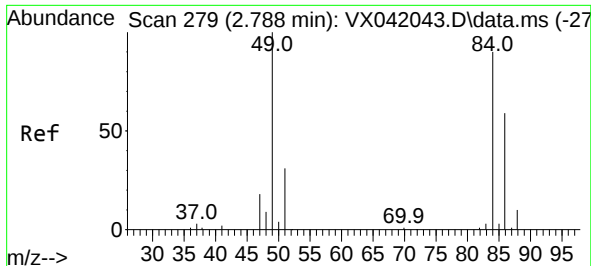
Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
58 48.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion: 76 Resp: 345
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

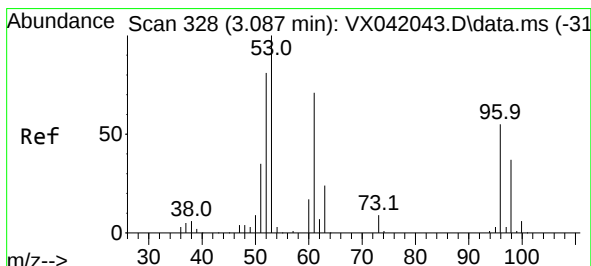
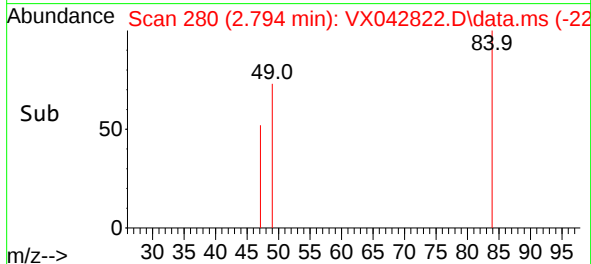
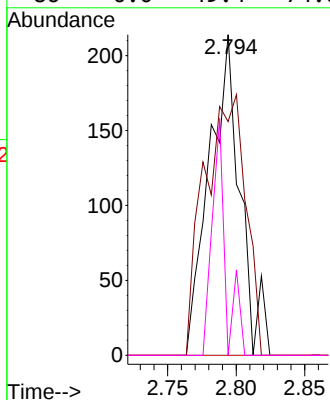
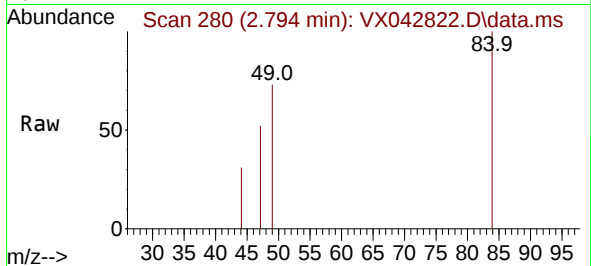




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

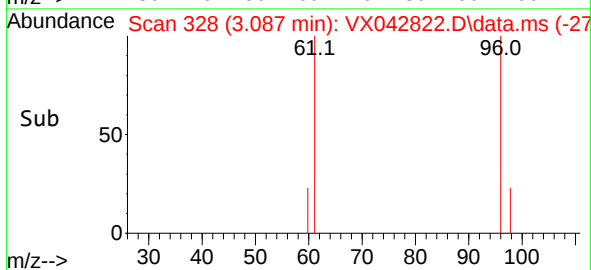
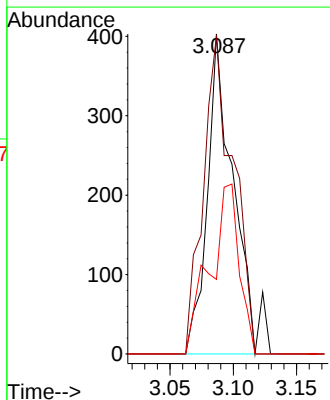
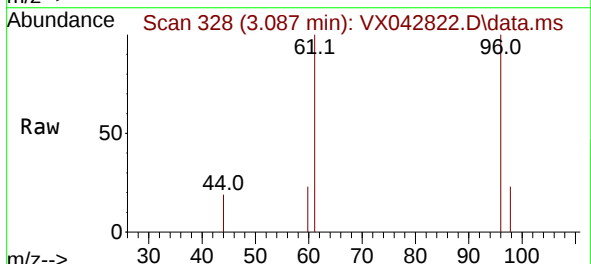
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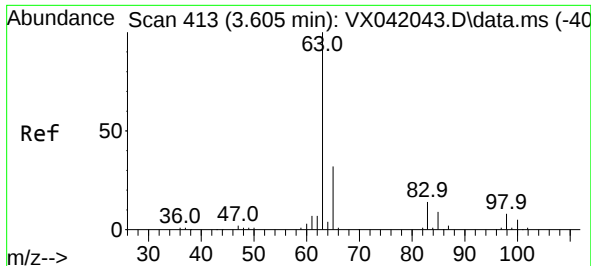
Tgt Ion:	84	Resp:	336
Ion	Ratio	Lower	Upper
84	100		
49	72.9	103.6	155.4#
51	0.0	33.8	50.6#
86	0.0	49.4	74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.911 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion:	96	Resp:	588
Ion	Ratio	Lower	Upper
96	100		
61	99.5	119.2	178.8#
98	23.3	48.7	73.1#





#24

1,1-Dichloroethane

Concen: 0.364 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX042822.D

Acq: 02 Aug 2024 03:52

Instrument :

MSVOA_X

ClientSampleId :

927-K1-WPO-0-0.25-073124

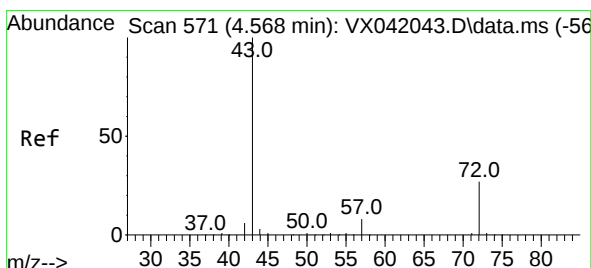
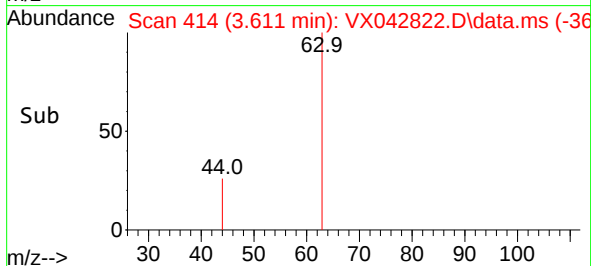
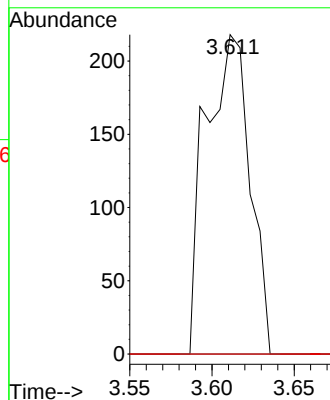
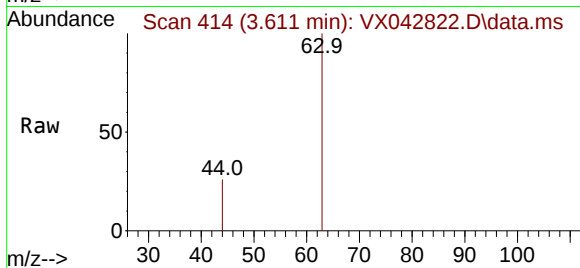
Tgt Ion: 63 Resp: 408

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#



#25

2-Butanone

Concen: 0.910 ug/l

RT: 4.611 min Scan# 578

Delta R.T. 0.037 min

Lab File: VX042822.D

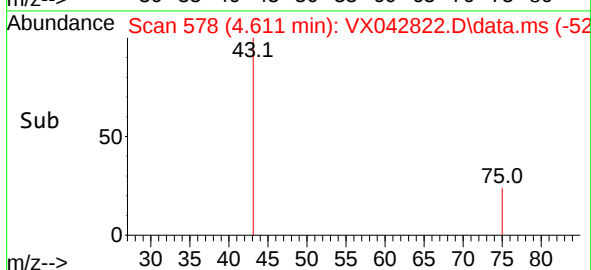
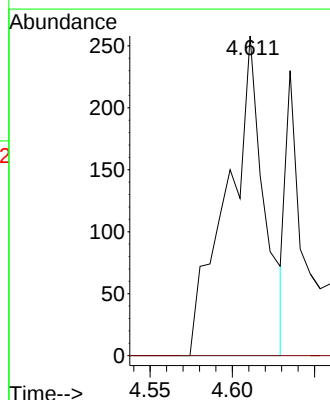
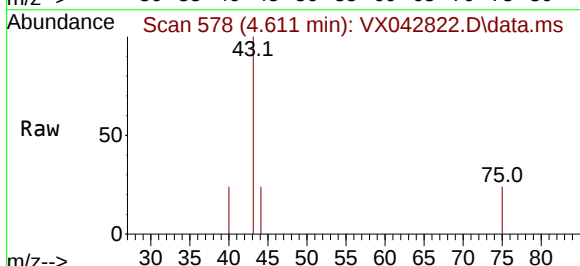
Acq: 02 Aug 2024 03:52

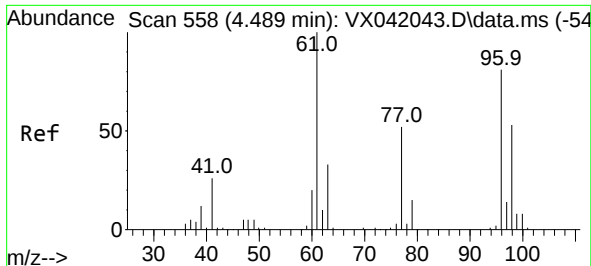
Tgt Ion: 43 Resp: 401

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 5.114 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX042822.D

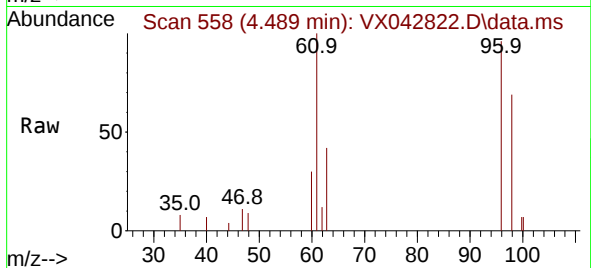
Acq: 02 Aug 2024 03:52

Instrument :

MSVOA_X

ClientSampleId :

927-K1-WPO-0-0.25-073124



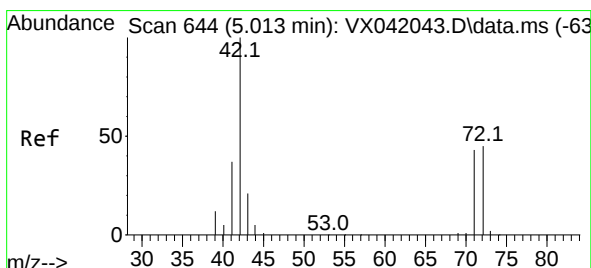
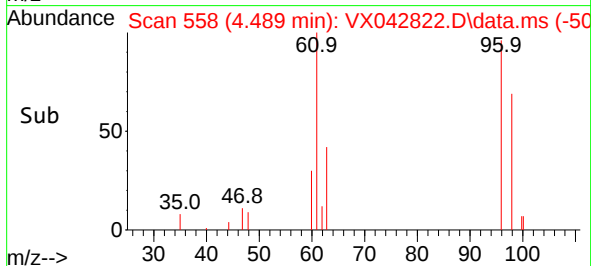
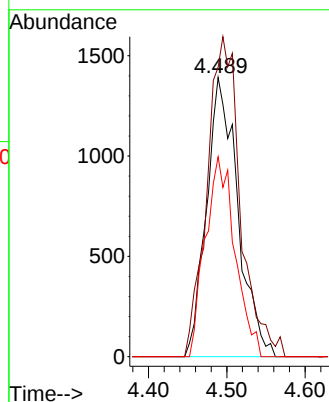
Tgt Ion: 96 Resp: 3858

Ion Ratio Lower Upper

96 100

61 121.9 0.0 312.2

98 68.1 0.0 129.0



#29

Tetrahydrofuran

Concen: 7.552 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX042822.D

Acq: 02 Aug 2024 03:52

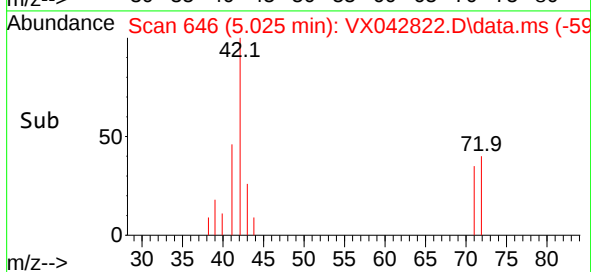
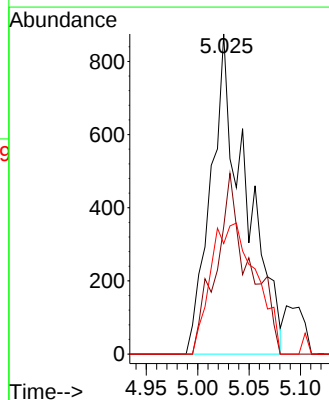
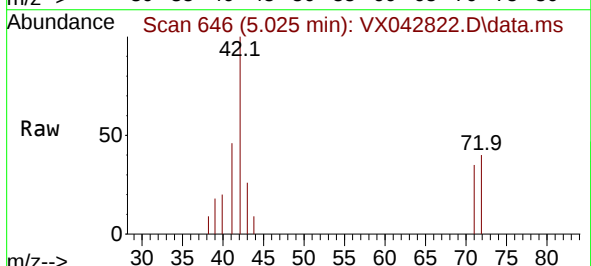
Tgt Ion: 42 Resp: 2072

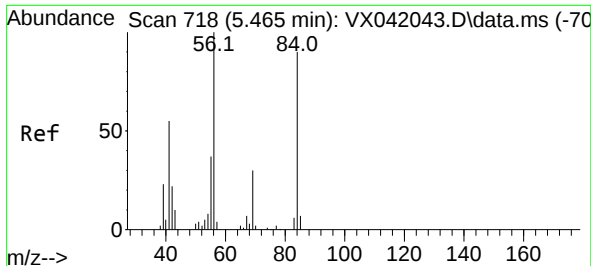
Ion Ratio Lower Upper

42 100

72 53.6 34.2 51.4#

71 52.9 32.2 48.2#

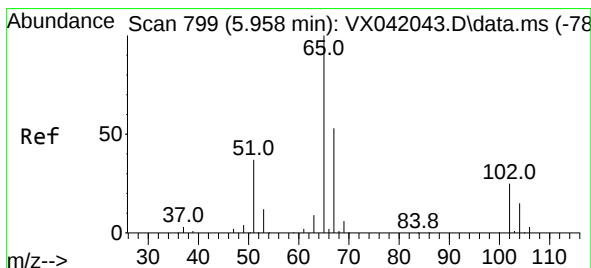
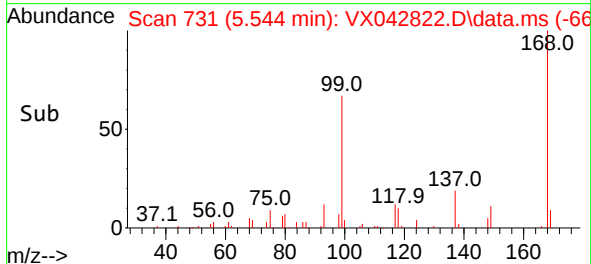
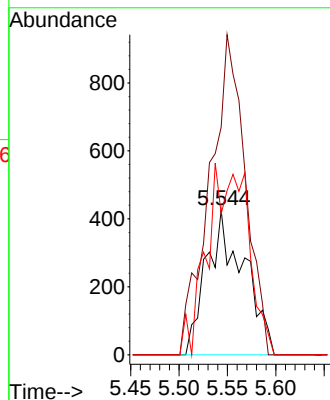
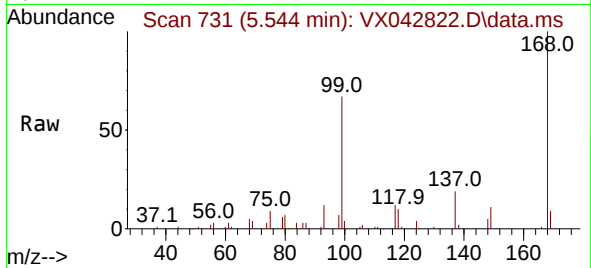




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

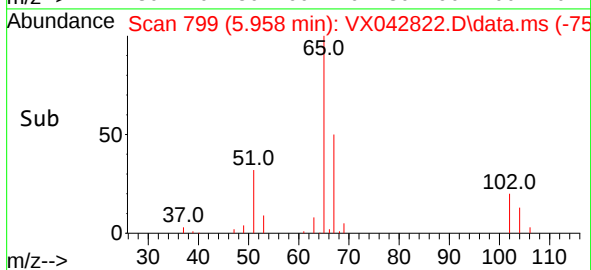
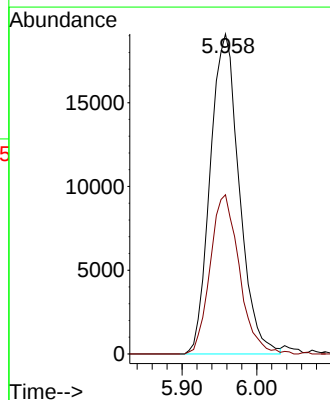
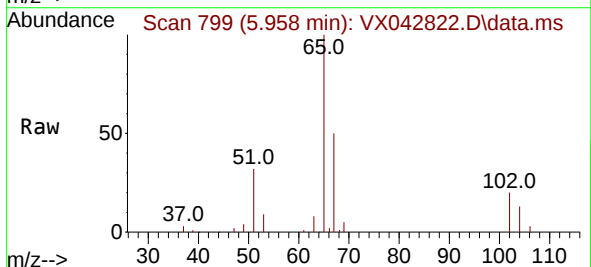
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WPO-0-0.25-073124

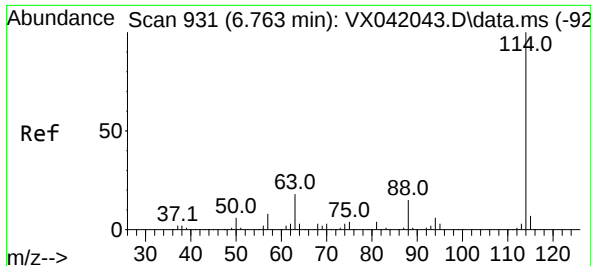
Tgt Ion: 56 Resp: 1153
Ion Ratio Lower Upper
56 100
69 157.3 23.4 35.2#
84 97.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 62.544 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion: 65 Resp: 51639
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

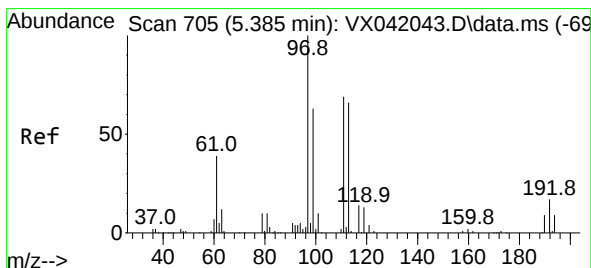
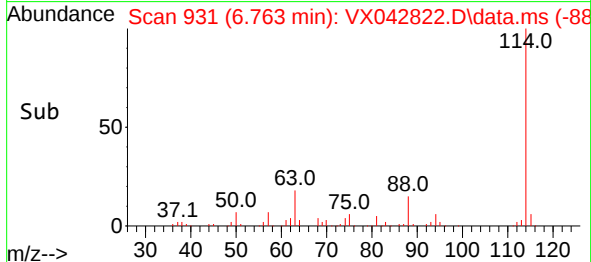
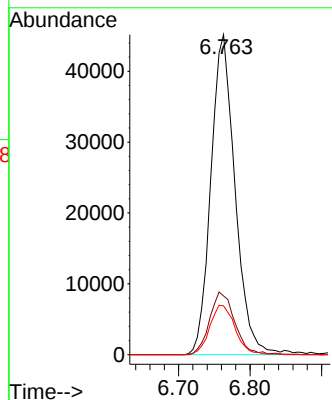
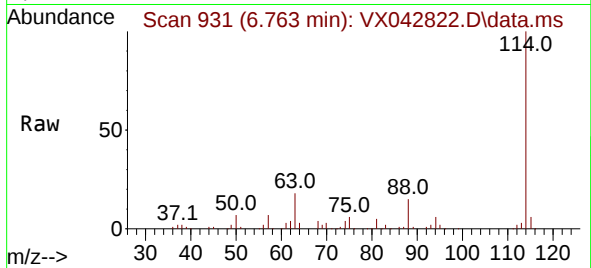




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

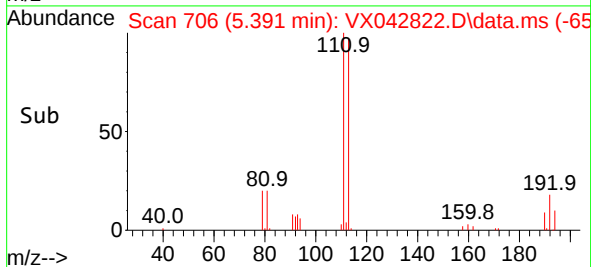
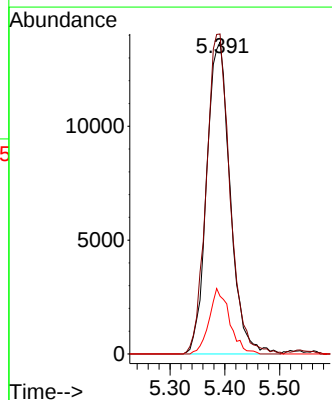
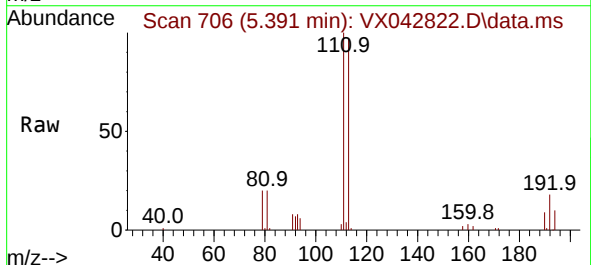
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WPO-0-0.25-073124

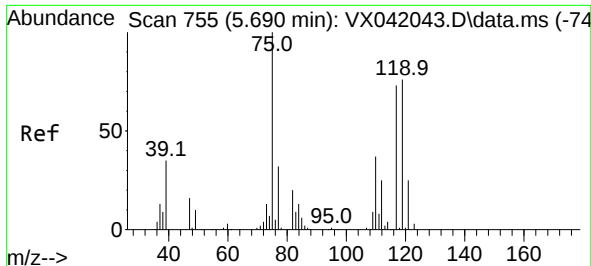
Tgt Ion:114 Resp: 105846
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 55.724 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion:113 Resp: 40745
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.632 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX042822.D

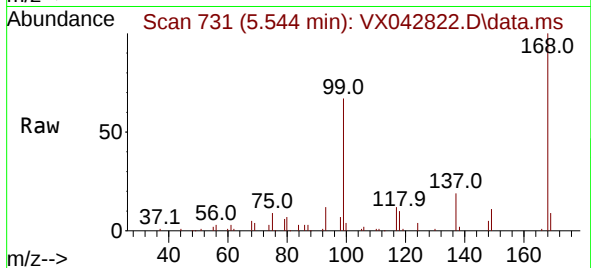
Acq: 02 Aug 2024 03:52

Instrument :

MSVOA_X

ClientSampleId :

927-K1-WPO-0-0.25-073124



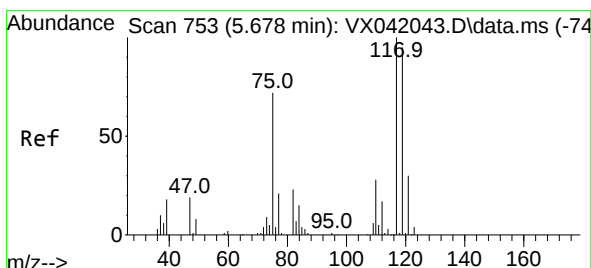
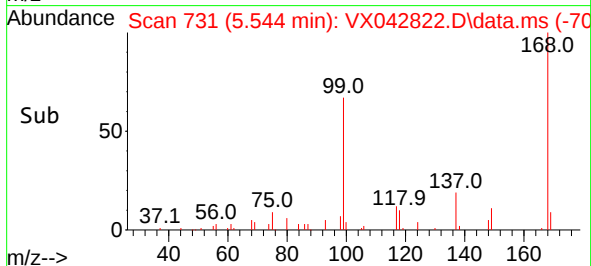
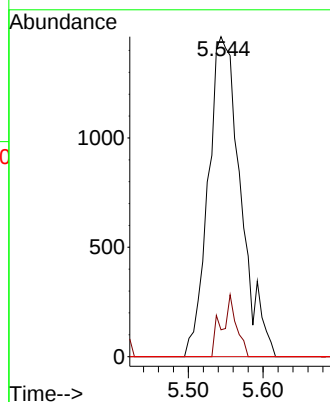
Tgt Ion: 75 Resp: 4392

Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.545 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX042822.D

Acq: 02 Aug 2024 03:52

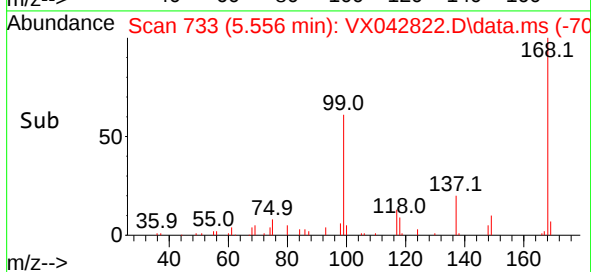
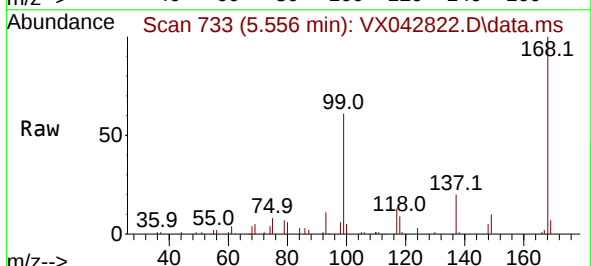
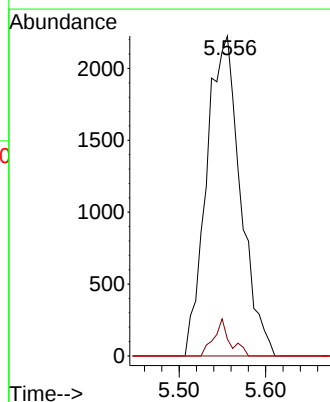
Tgt Ion: 117 Resp: 6060

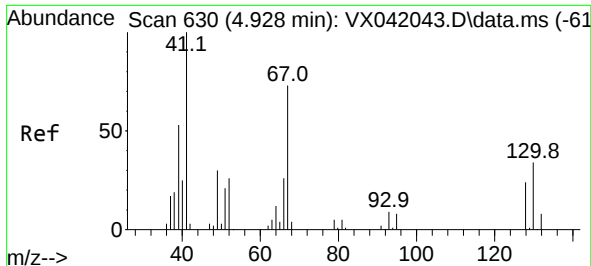
Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

121 0.0 24.4 36.6#

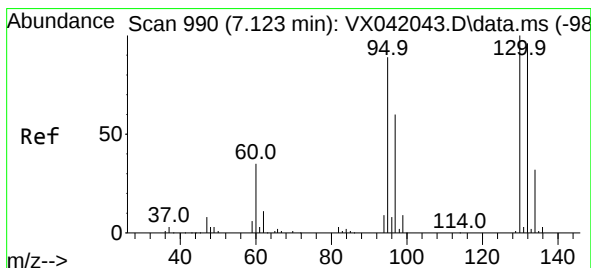
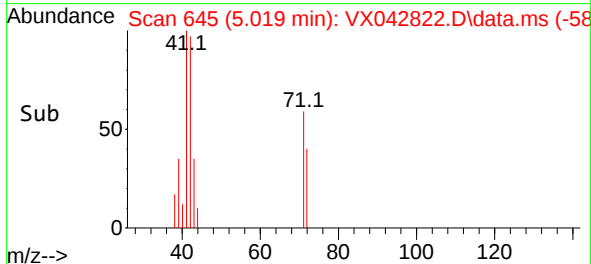
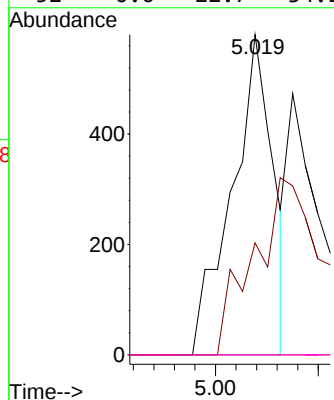
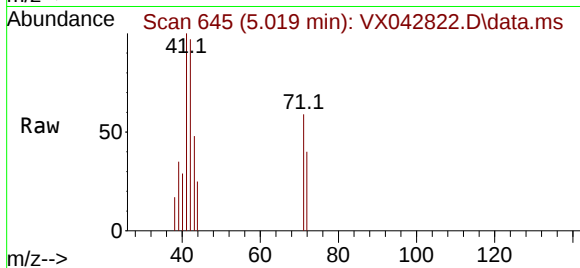




#41
Methacrylonitrile
Concen: 1.575 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

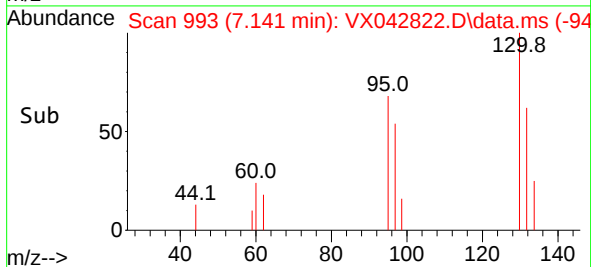
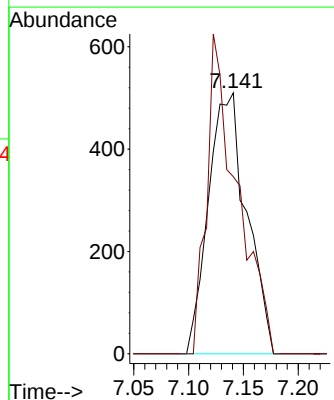
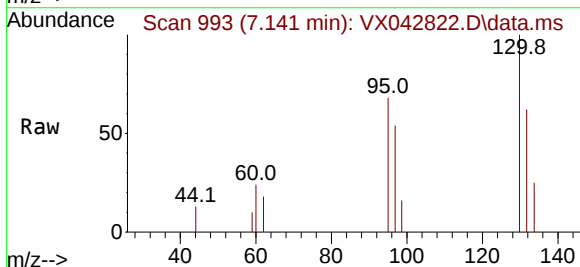
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WPO-0-0.25-073124

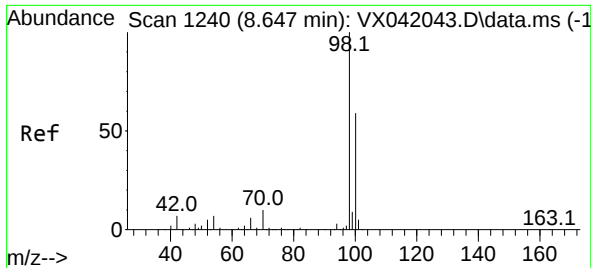
Tgt Ion: 41	Resp: 806
Ion Ratio	Lower Upper
41	100
39	92.3 45.2 67.8#
67	0.0 52.6 78.8#
52	0.0 22.7 34.1#



#44
Trichloroethene
Concen: 1.592 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion: 130	Resp: 1240
Ion Ratio	Lower Upper
130	100
95	67.8 0.0 204.4

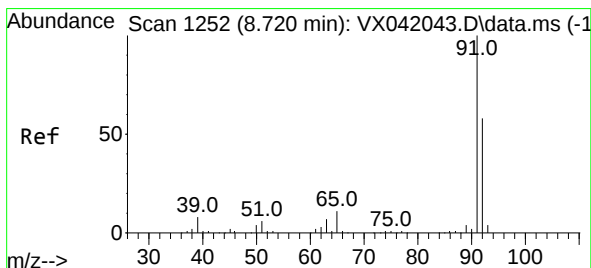
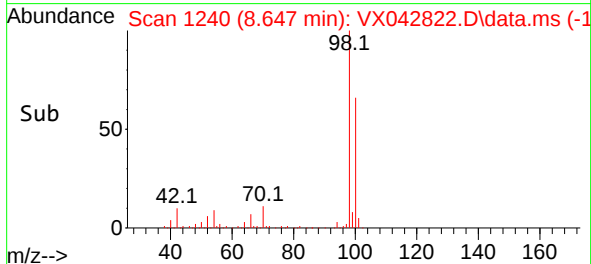
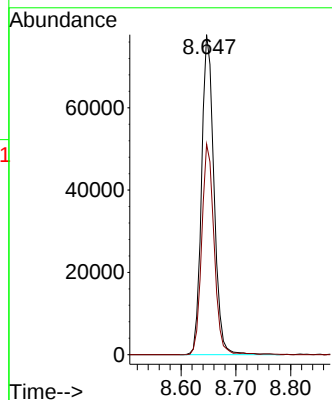
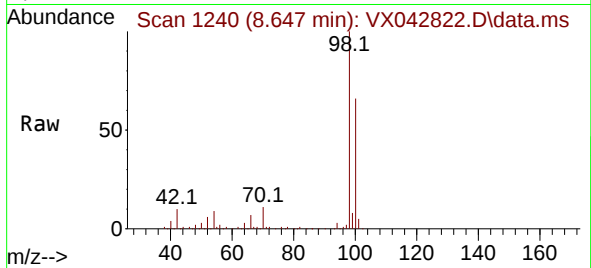




#50
Toluene-d8
Concen: 46.031 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

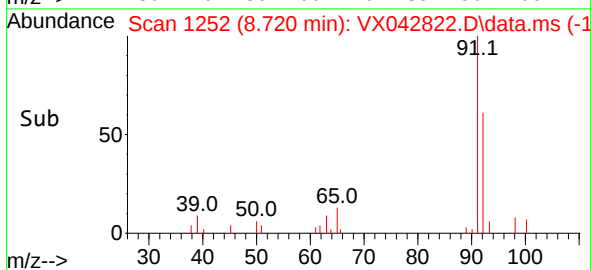
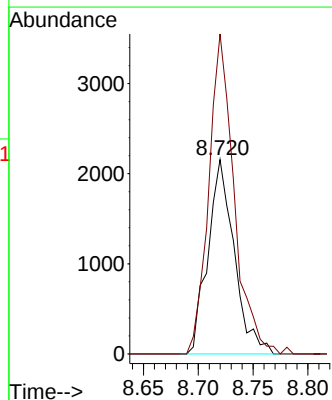
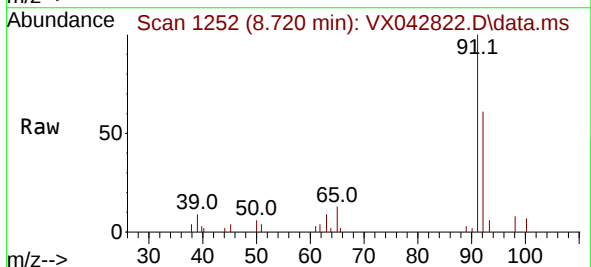
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WPO-0-0.25-073124

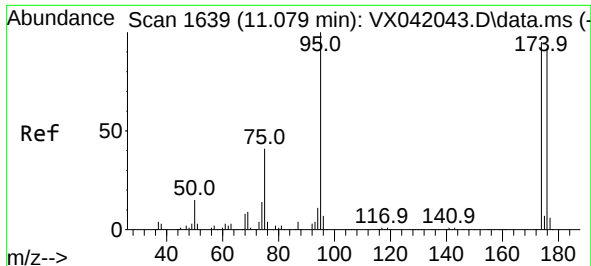
Tgt Ion: 98 Resp: 122168
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#52
Toluene
Concen: 1.867 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion: 92 Resp: 3604
Ion Ratio Lower Upper
92 100
91 158.9 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 45.859 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042822.D

Acq: 02 Aug 2024 03:52

Instrument :

MSVOA_X

ClientSampleId :

927-K1-WPO-0-0.25-073124

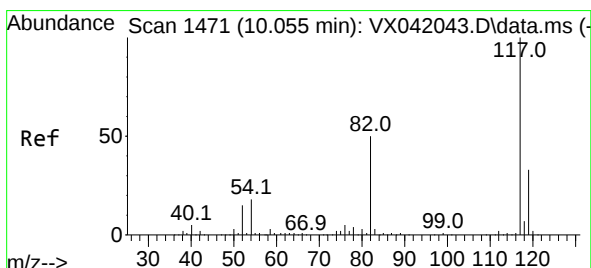
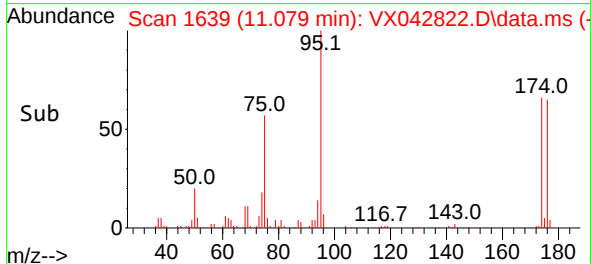
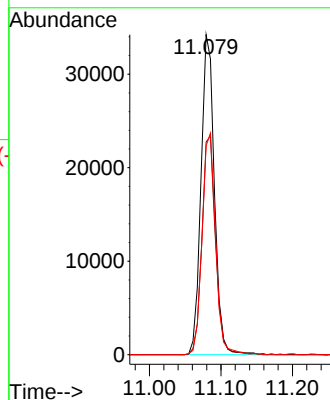
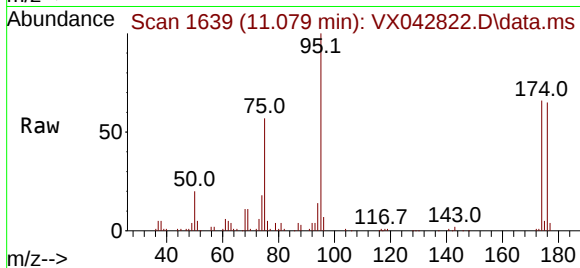
Tgt Ion: 95 Resp: 44479

Ion Ratio Lower Upper

95 100

174 69.6 0.0 135.6

176 69.5 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: VX042822.D

Acq: 02 Aug 2024 03:52

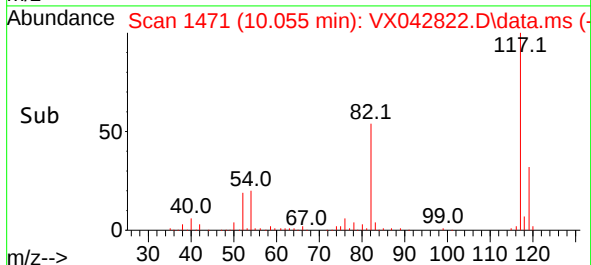
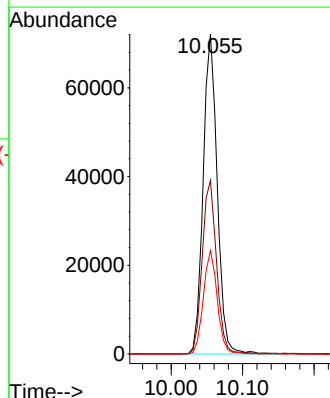
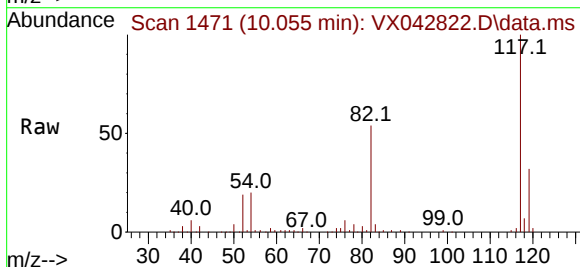
Tgt Ion: 117 Resp: 98657

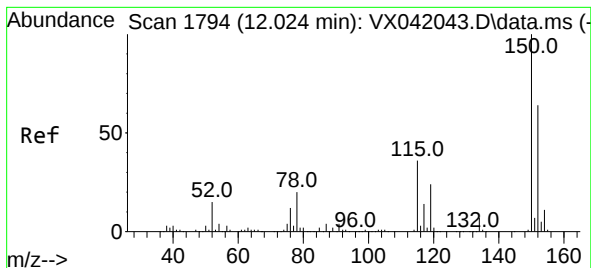
Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 32.3 25.5 38.3

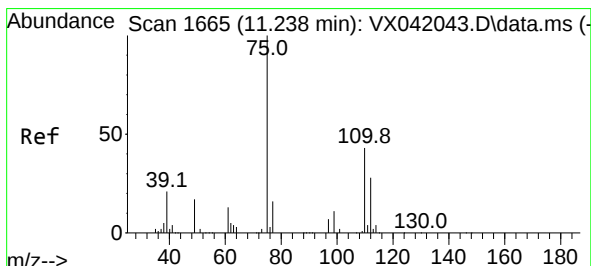
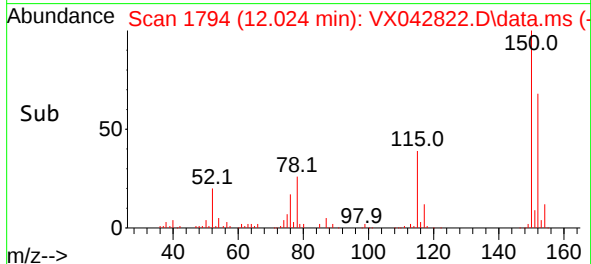
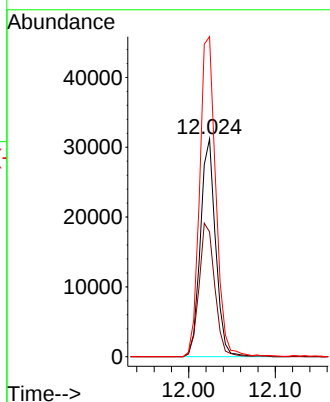
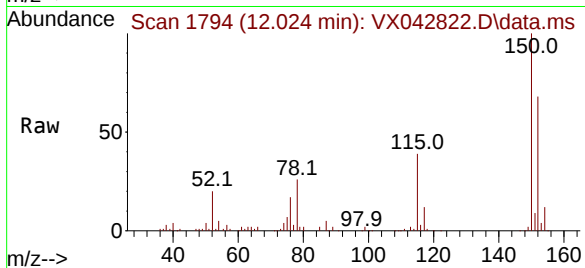




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

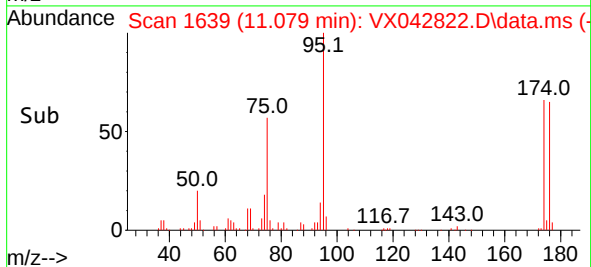
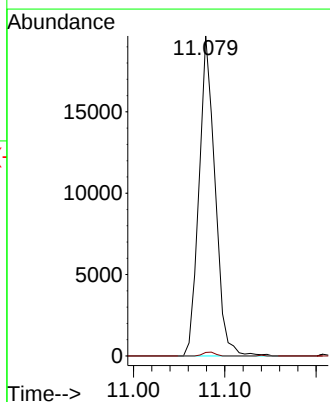
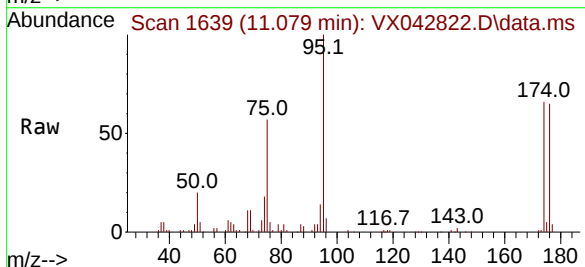
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WPO-0-0.25-073124

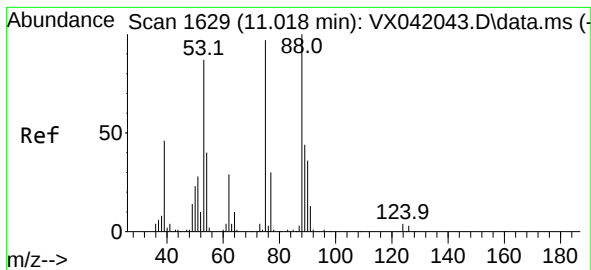
Tgt Ion:152 Resp: 38009
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

Tgt Ion: 75 Resp: 24032
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.898 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042822.D
Acq: 02 Aug 2024 03:52

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

Tgt Ion: 75 Resp: 24032
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

