

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042924.D
 Acq On : 07 Aug 2024 18:31
 Operator : JC/MD
 Sample : P3374-17
 Misc : 5.92g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-863-K2-SO-13.5-14-072024ME

Quant Time: Aug 08 02:06:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

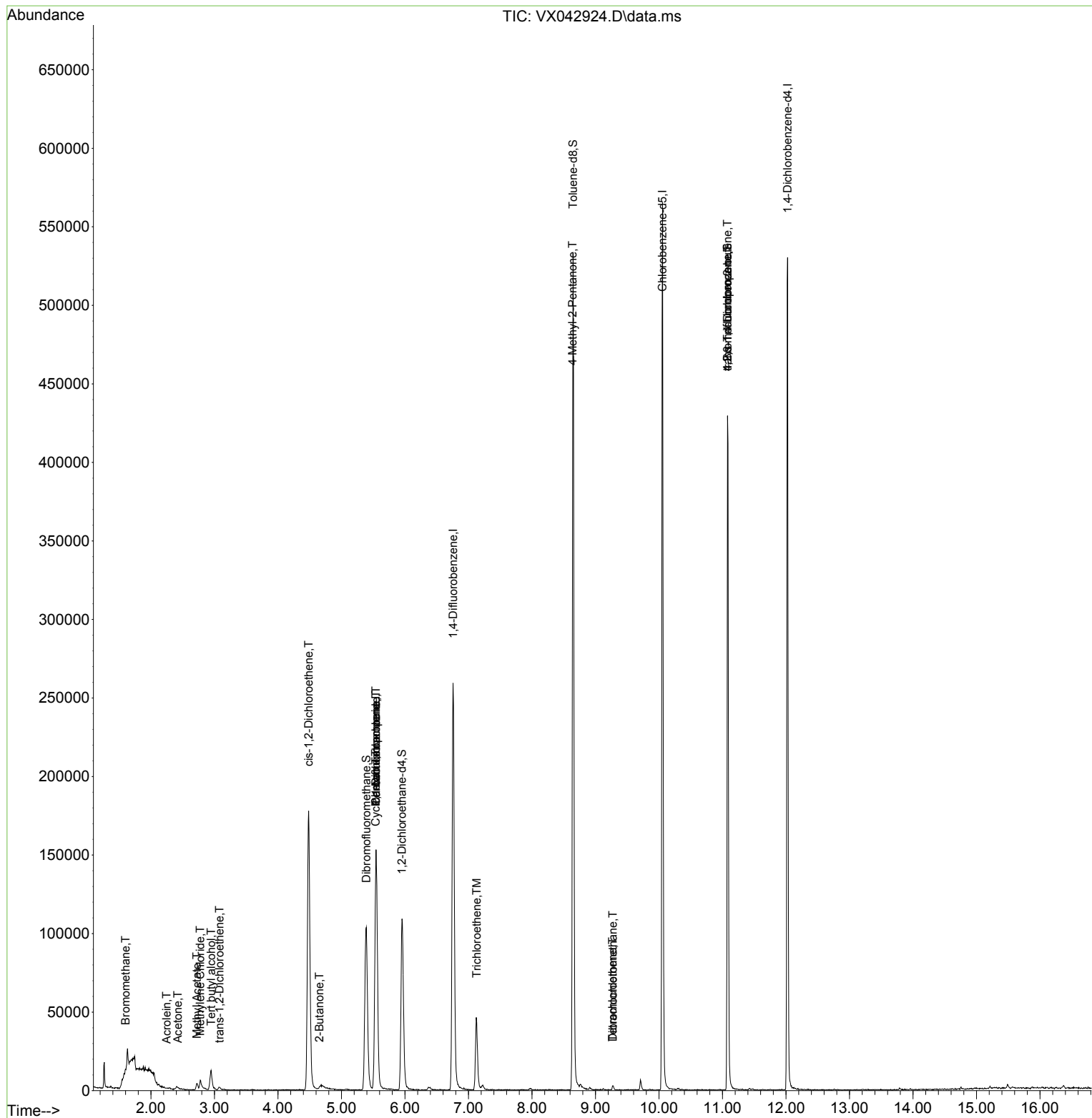
Internal Standards						
1) Pentafluorobenzene	5.544	168	146532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114654	56.997	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.000%	
35) Dibromofluoromethane	5.391	113	94563	52.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	8.647	98	327205	51.051	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	11.079	95	124375	54.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	688	0.696	ug/l	93
11) Tert butyl alcohol	2.947	59	8314	20.779	ug/l #	78
13) Acrolein	2.246	56	122	0.309	ug/l #	36
16) Acetone	2.422	43	1748	2.003	ug/l #	70
18) Methyl Acetate	2.721	43	5963	2.155	ug/l	96
20) Methylene Chloride	2.776	84	4042	1.334	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	871	0.536	ug/l #	68
25) 2-Butanone	4.654	43	288	0.210	ug/l #	51
27) cis-1,2-Dichloroethene	4.483	96	115669	60.024	ug/l	83
31) Cyclohexane	5.538	56	2824	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11092	4.531	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15087	5.460	ug/l #	15
44) Trichloroethene	7.129	130	18811	9.854	ug/l	99
51) 4-Methyl-2-Pentanone	8.641	43	1155	0.381	ug/l #	1
60) Dibromochloromethane	9.275	129	497	0.242	ug/l #	11
64) Tetrachloroethene	9.269	164	608	0.325	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	64347	24.228	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64347	78.779	ug/l #	5

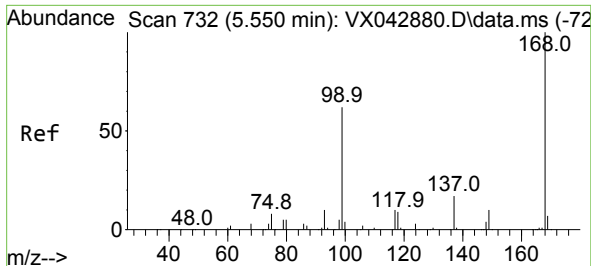
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
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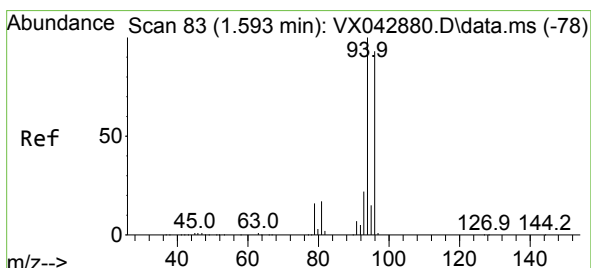
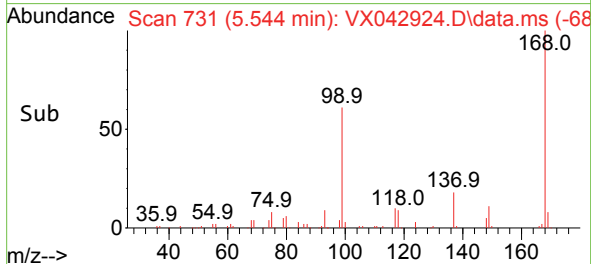
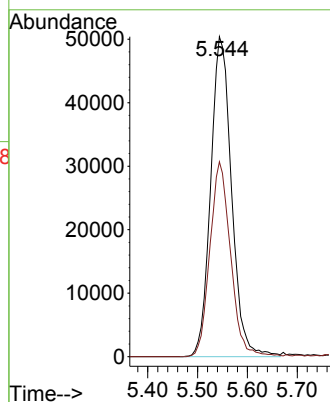
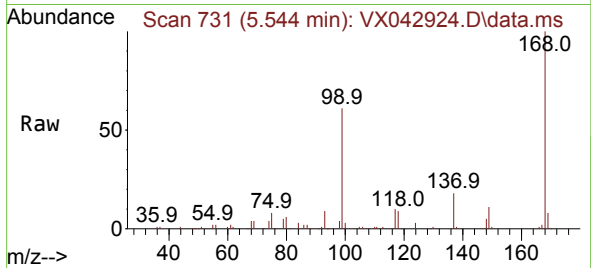




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

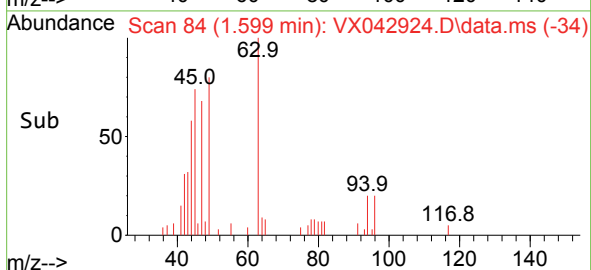
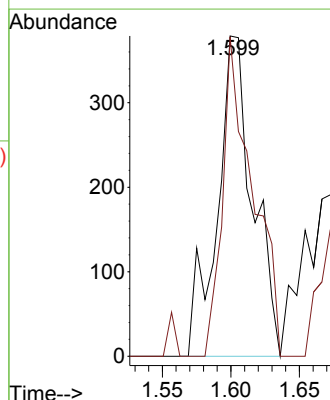
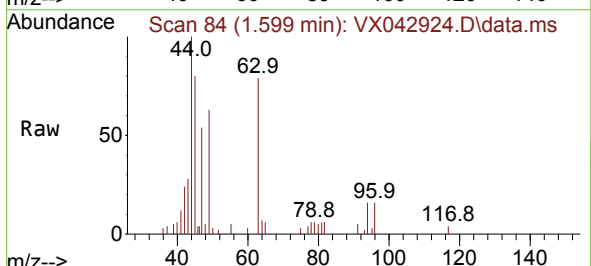
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-13.5-14-072024ME

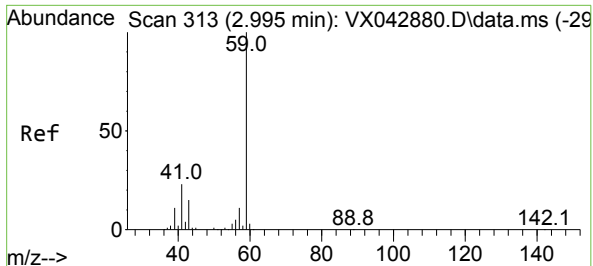
Tgt Ion:168 Resp: 146532
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#5
Bromomethane
Concen: 0.696 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 99.7 74.6 111.8





#11

Tert butyl alcohol

Concen: 20.779 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX042924.D

Acq: 07 Aug 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

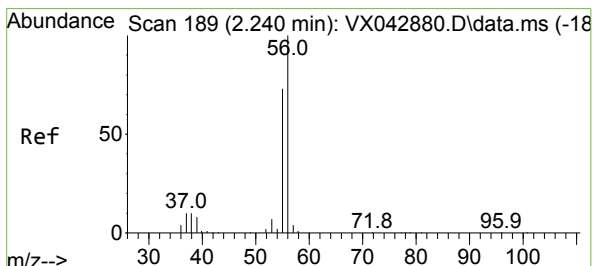
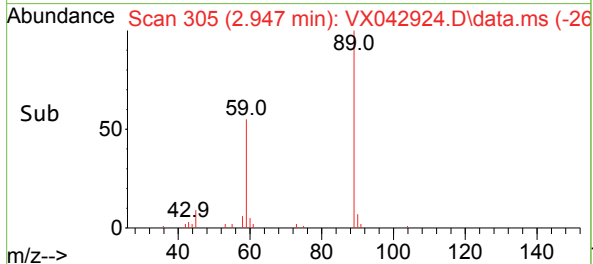
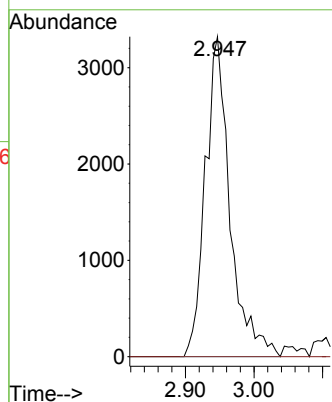
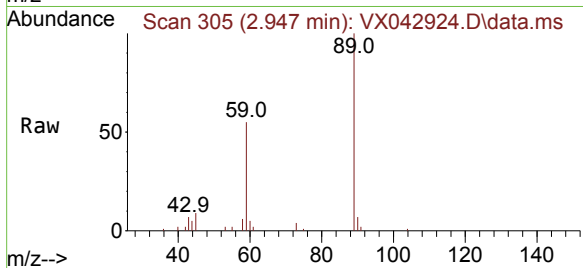
S-863-K2-SO-13.5-14-072024ME

Tgt Ion: 59 Resp: 8314

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.309 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX042924.D

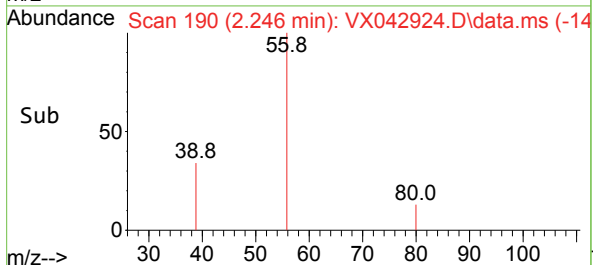
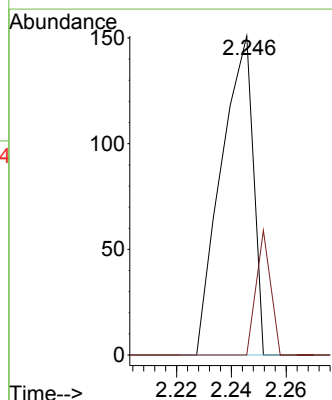
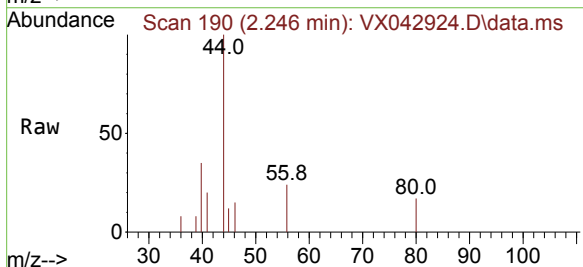
Acq: 07 Aug 2024 18:31

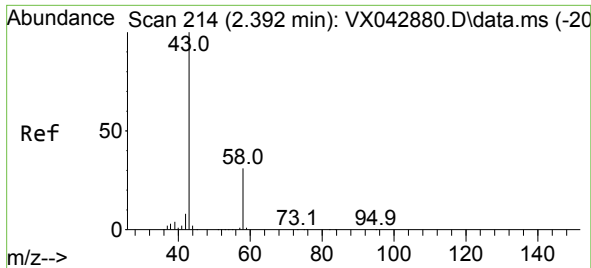
Tgt Ion: 56 Resp: 122

Ion Ratio Lower Upper

56 100

55 18.0 57.1 85.7#

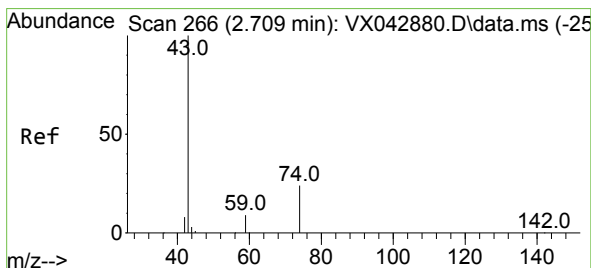
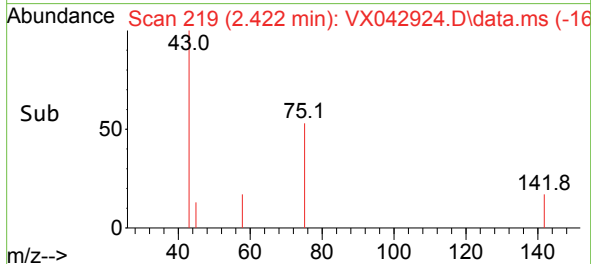
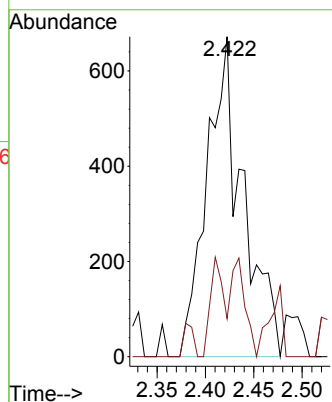
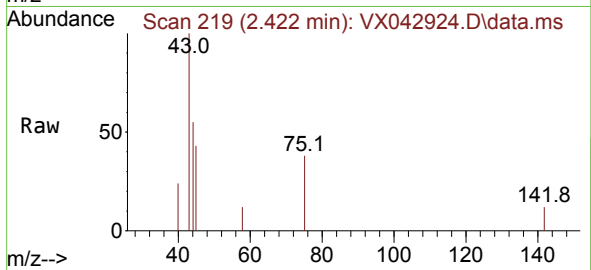




#16
Acetone
Concen: 2.003 ug/l
RT: 2.422 min Scan# 214
Delta R.T. 0.030 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

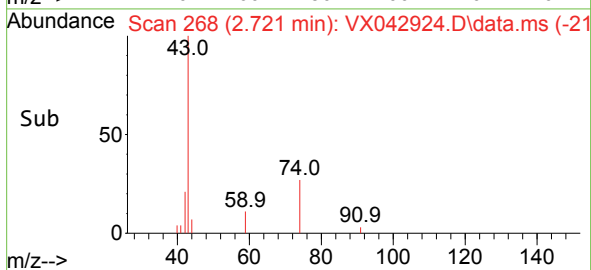
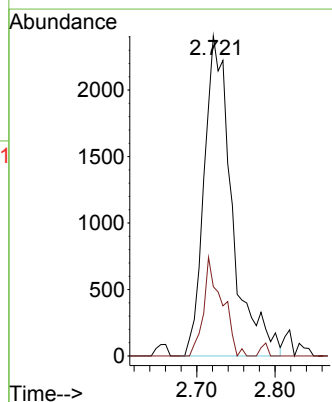
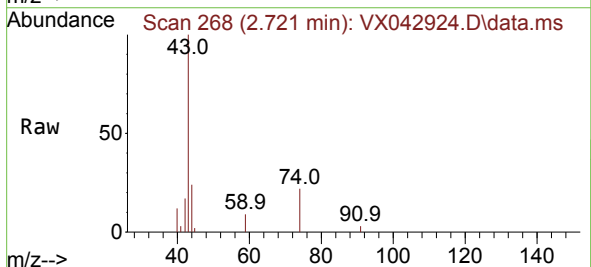
Instrument :
MSVOA_X
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S-863-K2-SO-13.5-14-072024ME

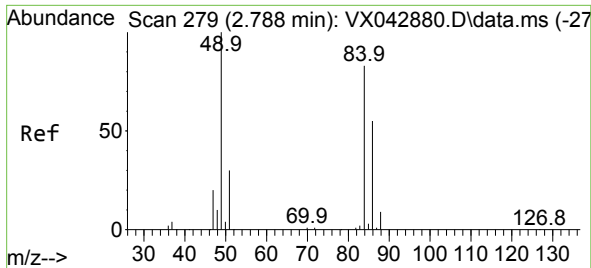
Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
58 11.9 21.9 32.9#



#18
Methyl Acetate
Concen: 2.155 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Tgt Ion: 43 Resp: 5963
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.8

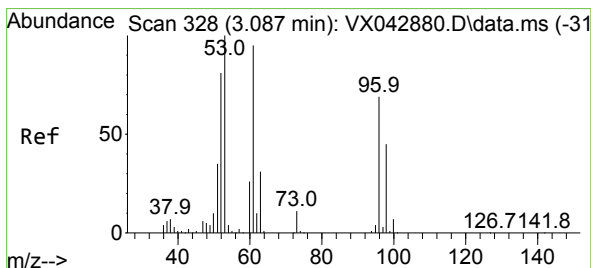
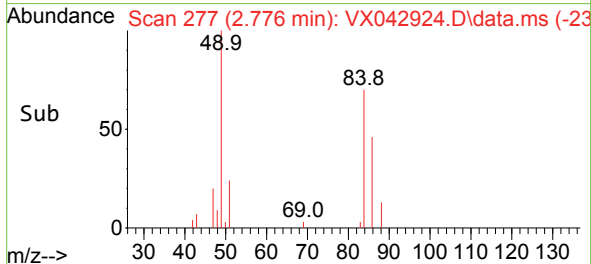
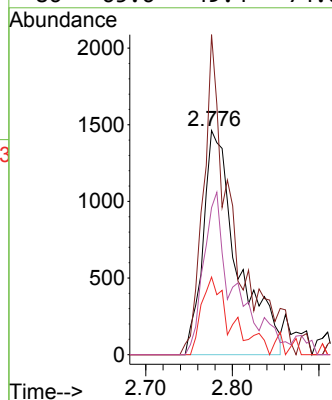
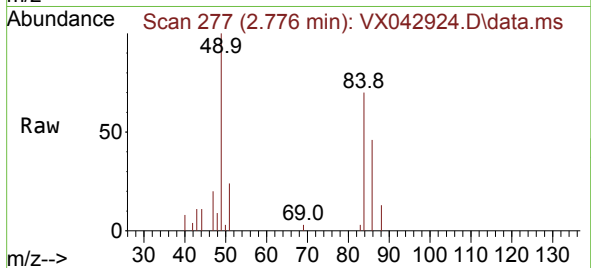




#20
Methylene Chloride
Concen: 1.334 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

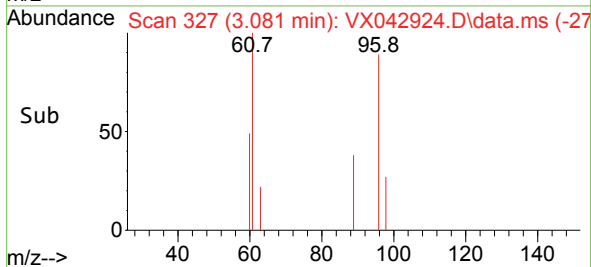
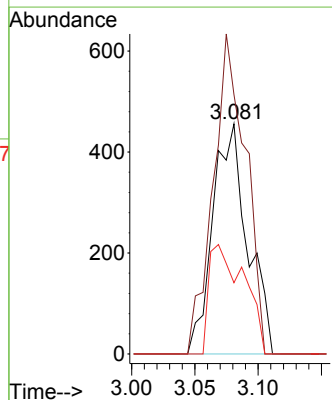
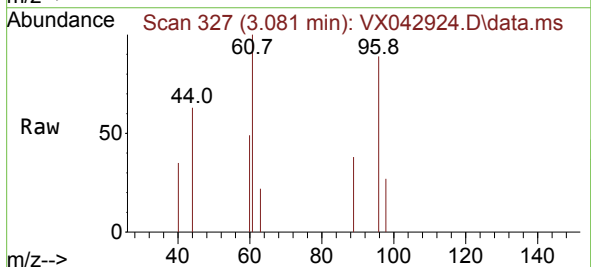
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-13.5-14-072024ME

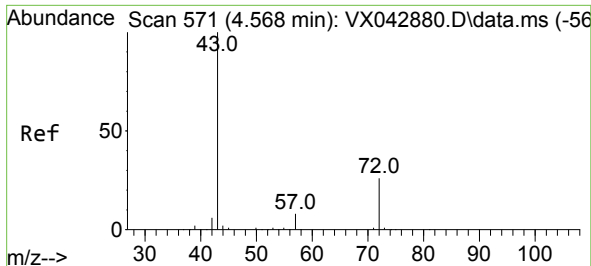
Tgt Ion:	84	Resp:	4042
Ion	Ratio	Lower	Upper
84	100		
49	142.7	103.6	155.4
51	34.6	33.8	50.6
86	65.6	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.536 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Tgt Ion:	96	Resp:	871
Ion	Ratio	Lower	Upper
96	100		
61	112.7	119.2	178.8#
98	30.9	48.7	73.1#

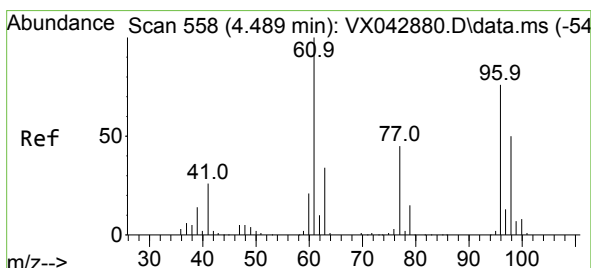
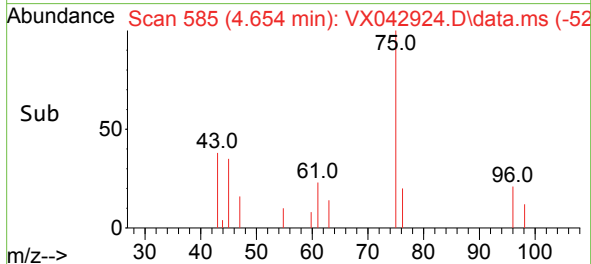
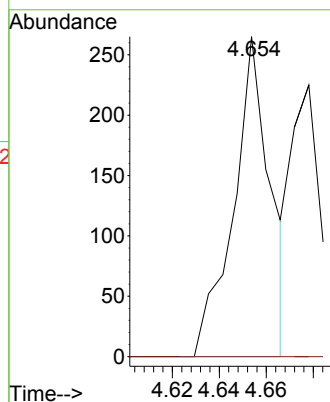
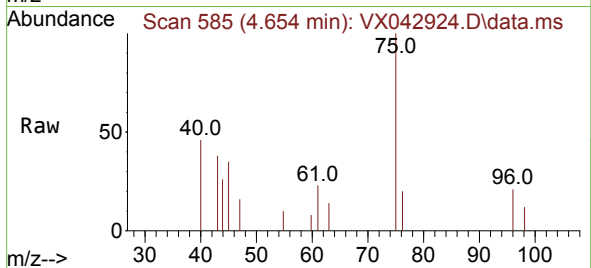




#25
2-Butanone
Concen: 0.210 ug/l
RT: 4.654 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

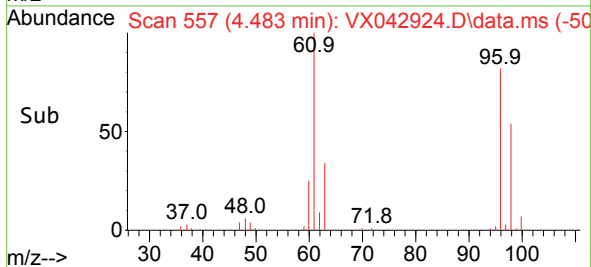
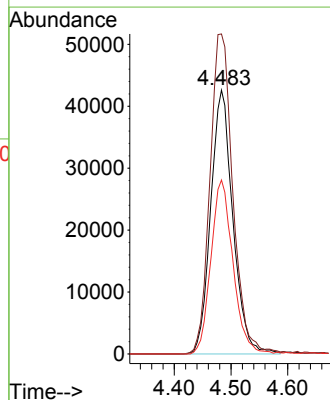
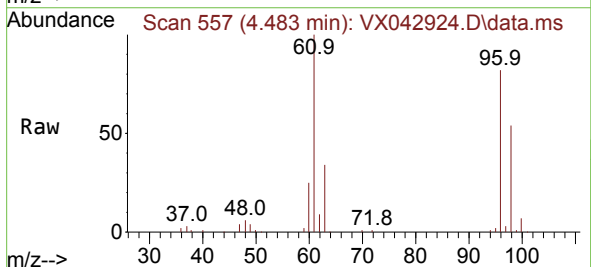
Instrument :
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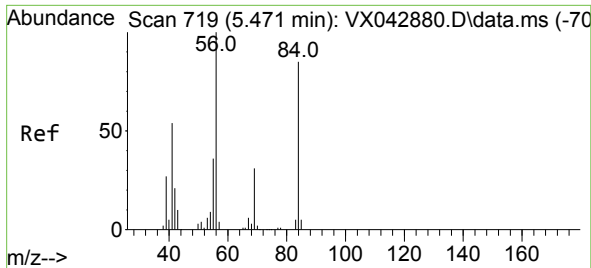
Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 60.024 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

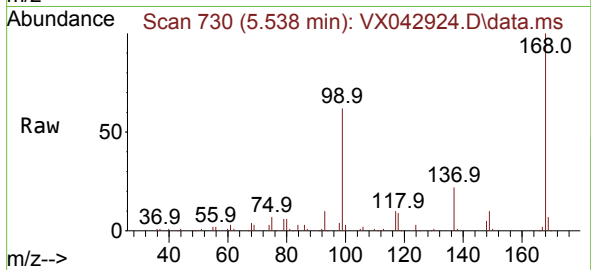
Tgt Ion: 96 Resp: 115669
Ion Ratio Lower Upper
96 100
61 125.7 0.0 312.2
98 65.7 0.0 129.0



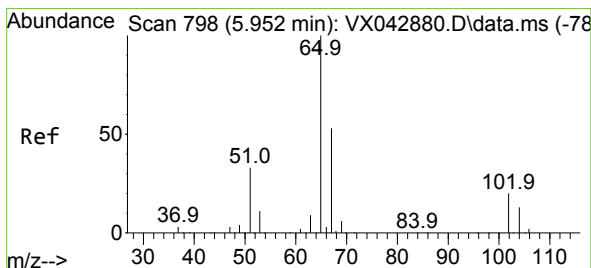
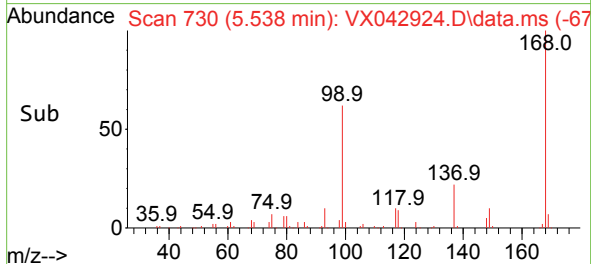
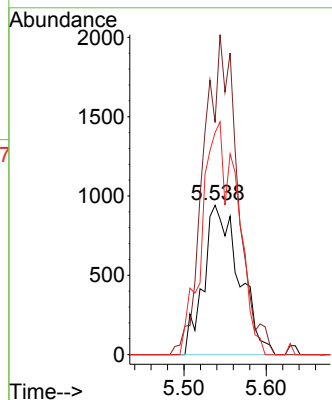


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :
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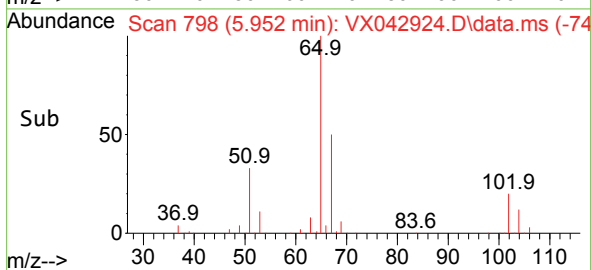
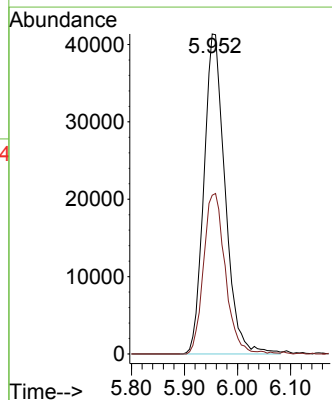
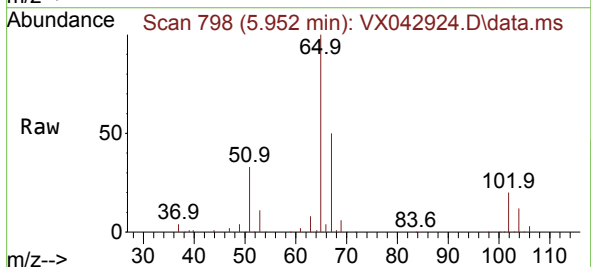


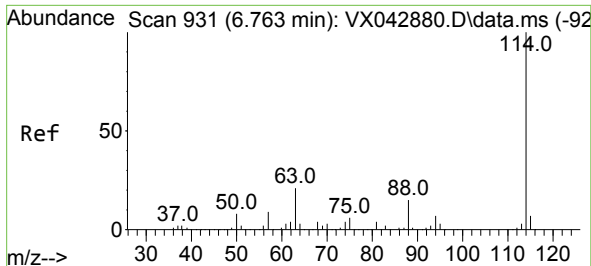
Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
69 155.3 23.4 35.2#
84 148.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.997 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Tgt Ion: 65 Resp: 114654
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

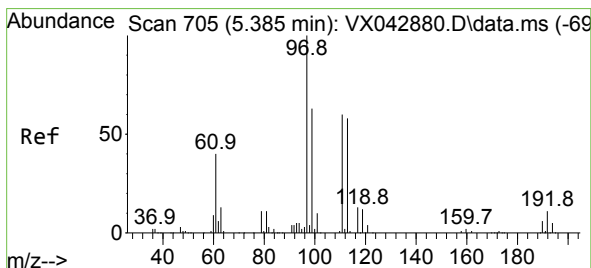
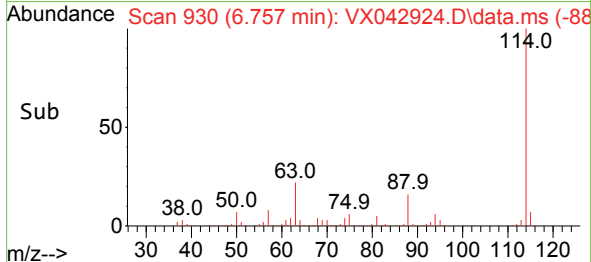
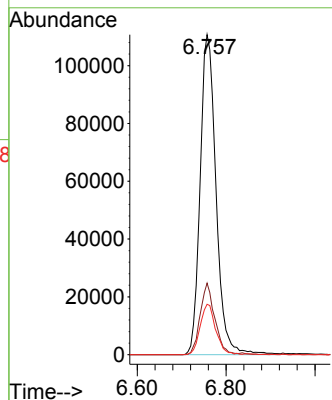
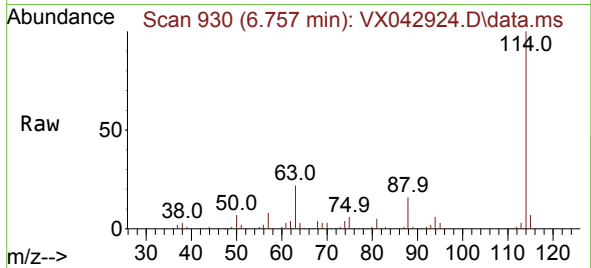




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

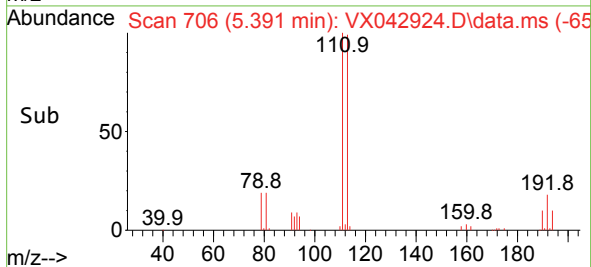
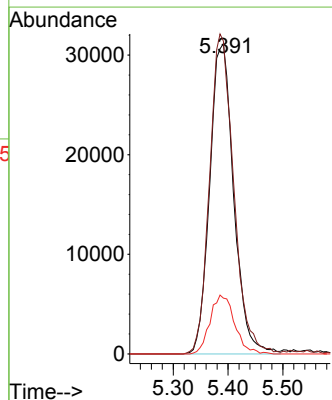
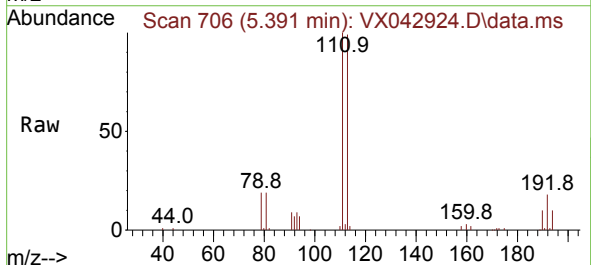
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-13.5-14-072024ME

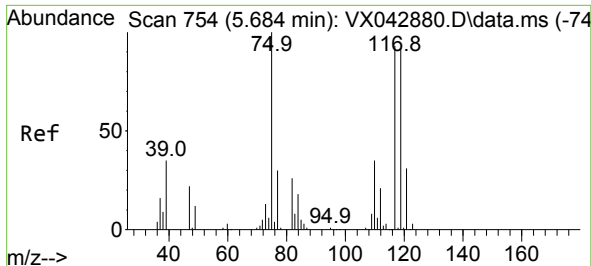
Tgt Ion:114 Resp: 276125
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.377 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

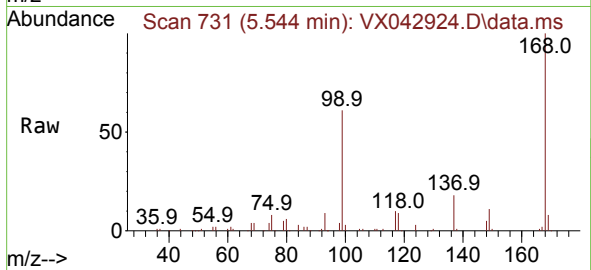
Tgt Ion:113 Resp: 94563
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.4 13.3 19.9



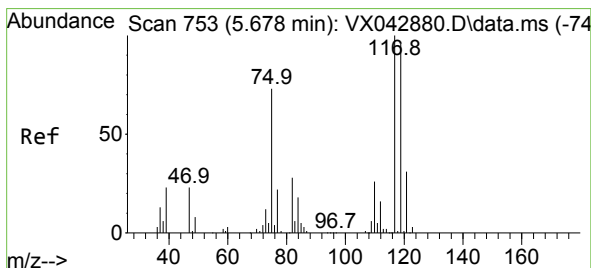
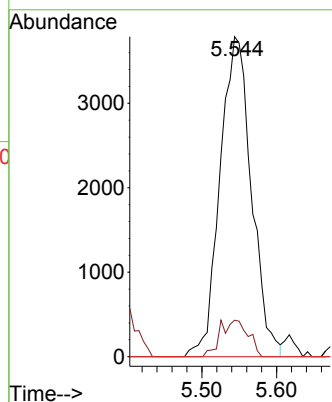
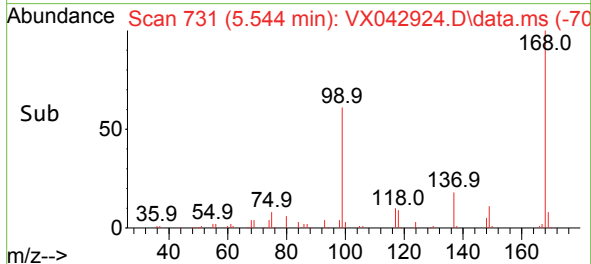


#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

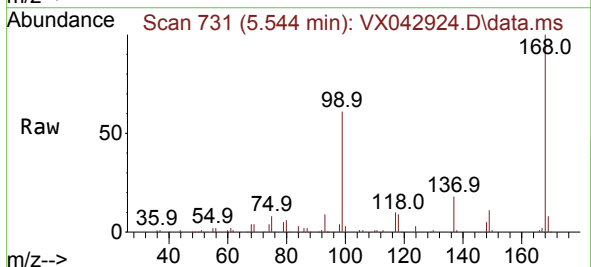
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-13.5-14-072024ME



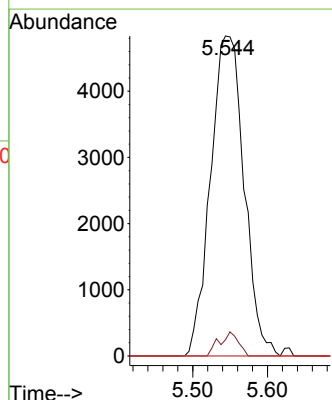
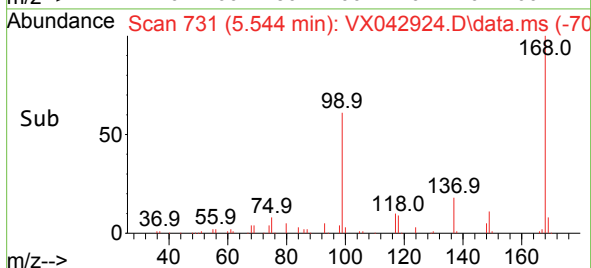
Tgt Ion: 75 Resp: 11092
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#

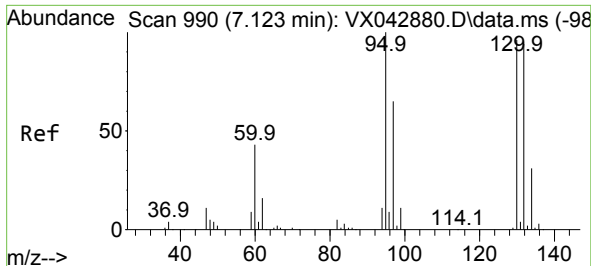


#38
Carbon Tetrachloride
Concen: 5.460 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31



Tgt Ion: 117 Resp: 15087
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

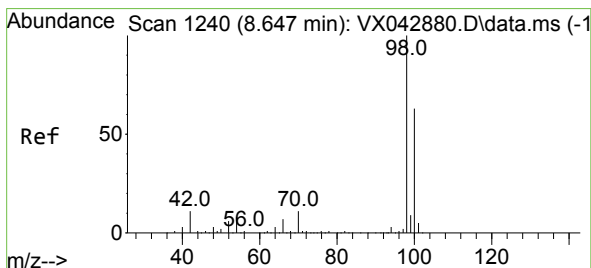
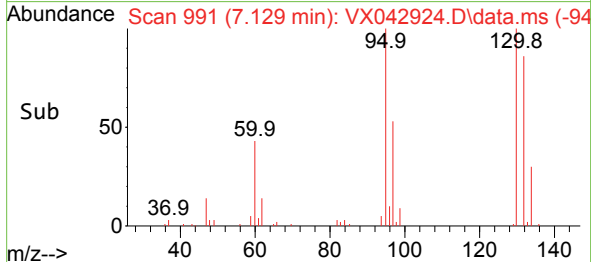
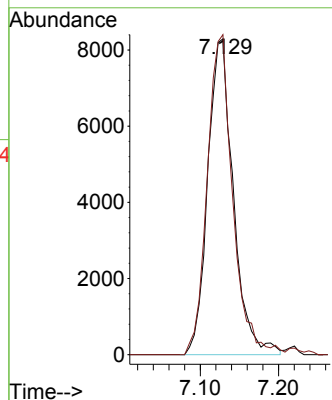
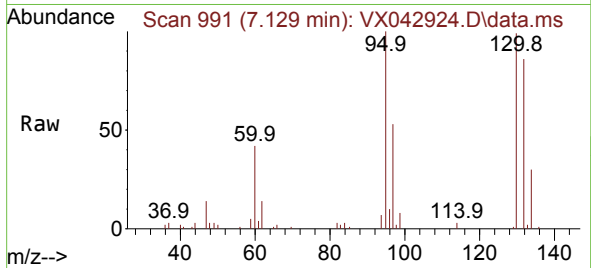




#44
Trichloroethene
Concen: 9.854 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

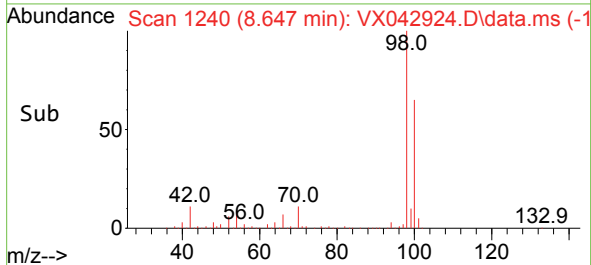
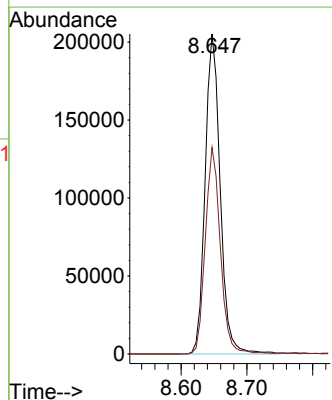
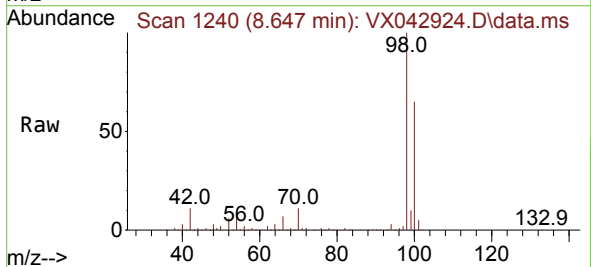
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-13.5-14-072024ME

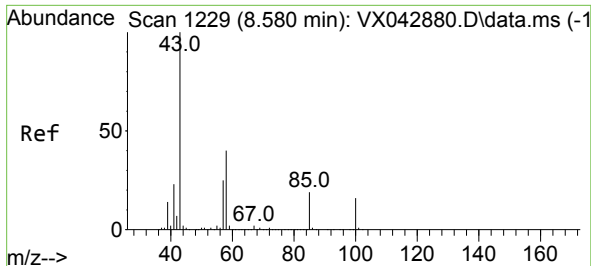
Tgt Ion:130 Resp: 18811
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.4



#50
Toluene-d8
Concen: 51.051 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Tgt Ion: 98 Resp: 327205
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

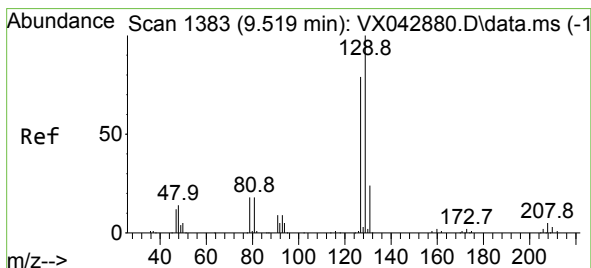
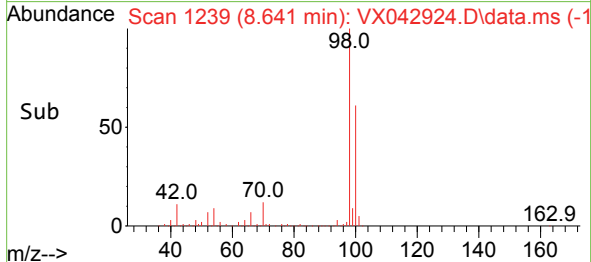
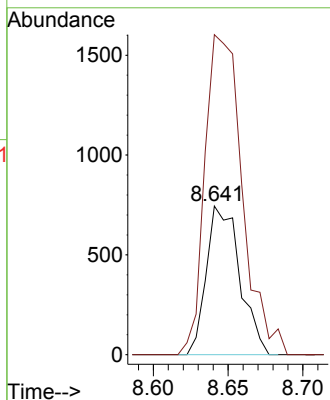
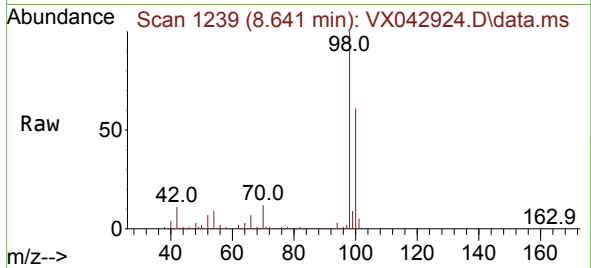




#51
4-Methyl-2-Pentanone
Concen: 0.381 ug/l
RT: 8.641 min Scan# 1155
Delta R.T. 0.061 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

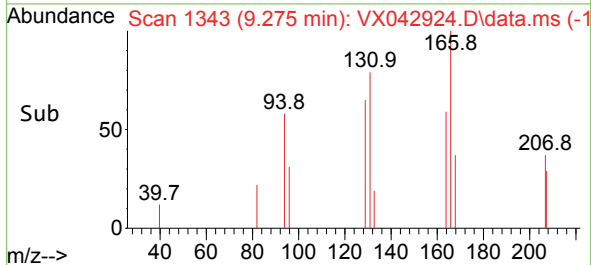
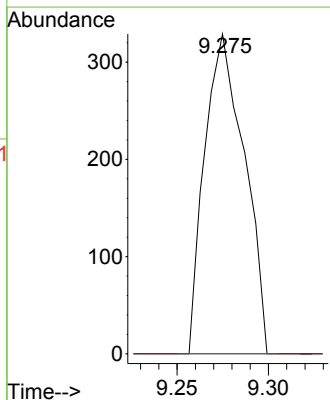
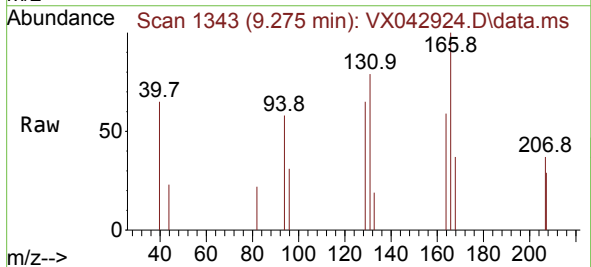
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-13.5-14-072024ME

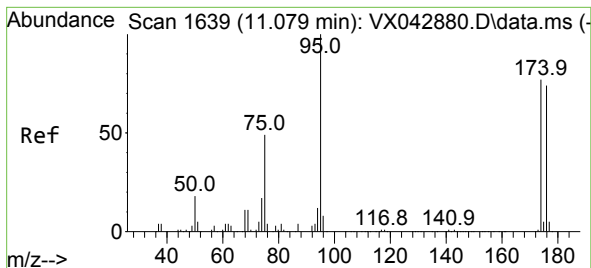
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 242.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.242 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Tgt Ion: 129 Resp: 497
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#62

4-Bromofluorobenzene

Concen: 54.001 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042924.D

Acq: 07 Aug 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

S-863-K2-SO-13.5-14-072024ME

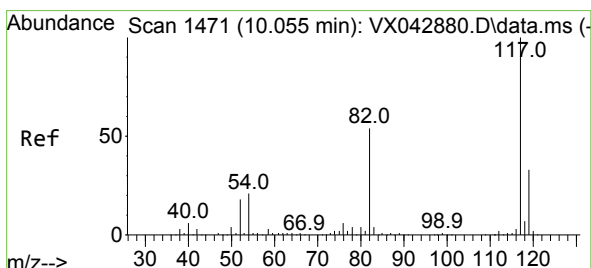
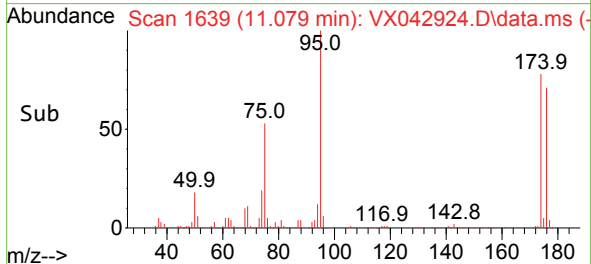
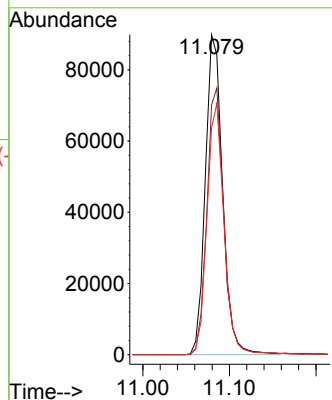
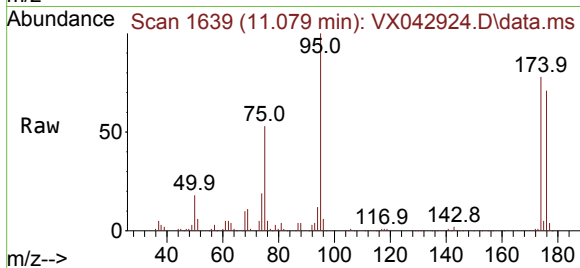
Tgt Ion: 95 Resp: 124375

Ion Ratio Lower Upper

95 100

174 82.6 0.0 135.6

176 77.7 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: VX042924.D

Acq: 07 Aug 2024 18:31

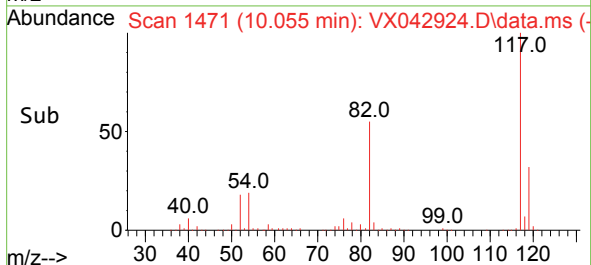
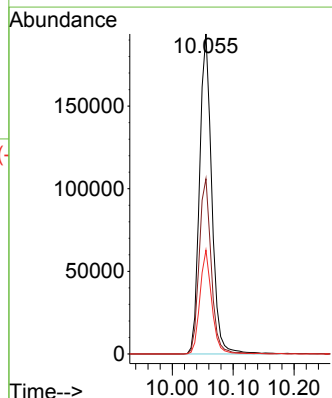
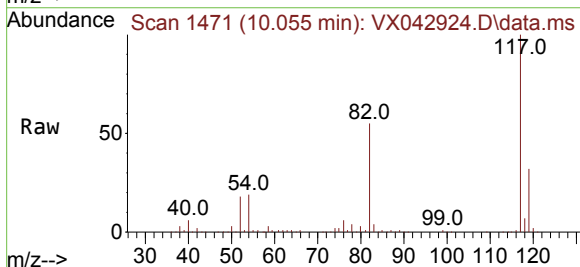
Tgt Ion: 117 Resp: 269150

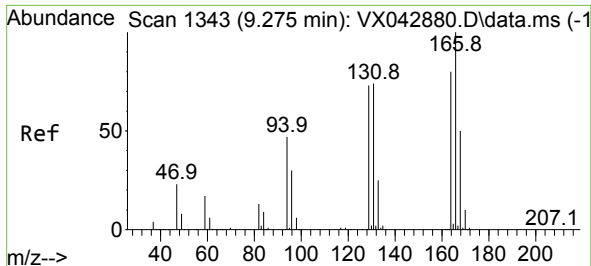
Ion Ratio Lower Upper

117 100

82 54.7 46.2 69.4

119 32.4 25.5 38.3



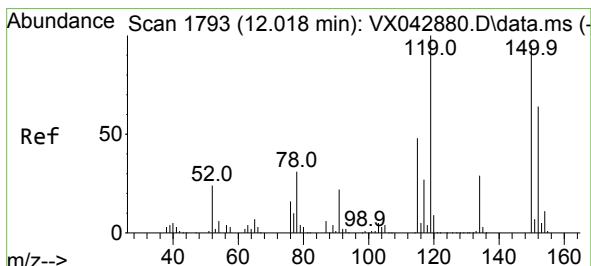
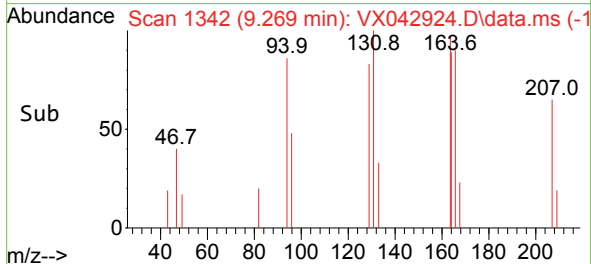
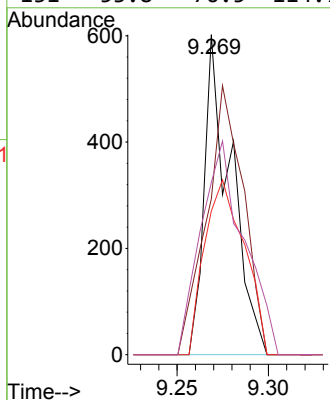
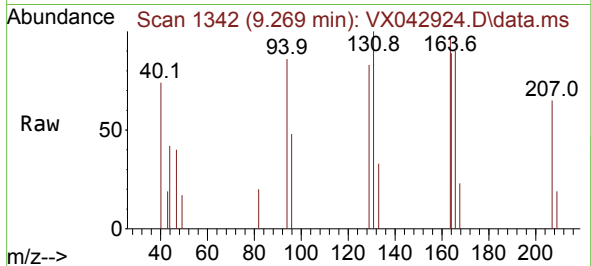


#64
Tetrachloroethene
Concen: 0.325 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-13.5-14-072024ME

Tgt Ion:164 Resp: 608

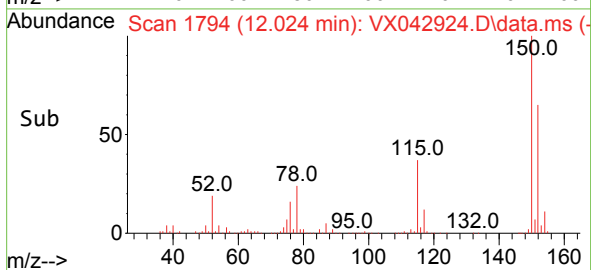
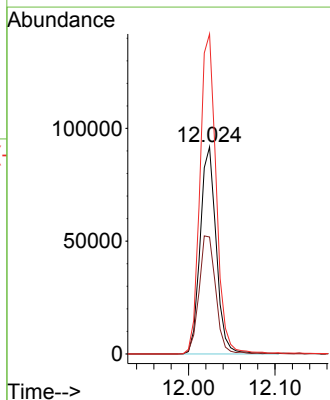
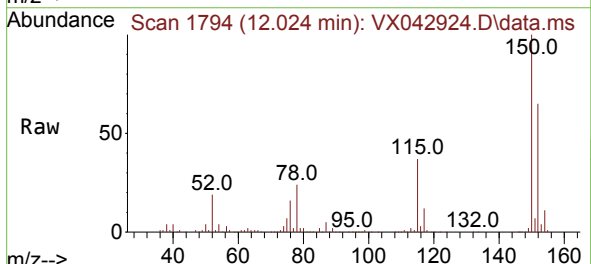
Ion	Ratio	Lower	Upper
164	100		
166	48.7	102.7	154.1#
129	44.9	80.4	120.6#
131	53.8	76.5	114.7#

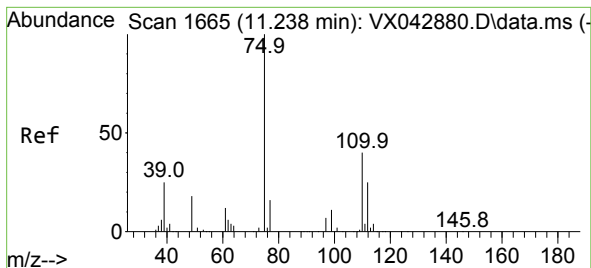


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042924.D
Acq: 07 Aug 2024 18:31

Tgt Ion:152 Resp: 118092

Ion	Ratio	Lower	Upper
152	100		
115	59.8	43.3	129.9
150	156.8	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 24.228 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042924.D

Acq: 07 Aug 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

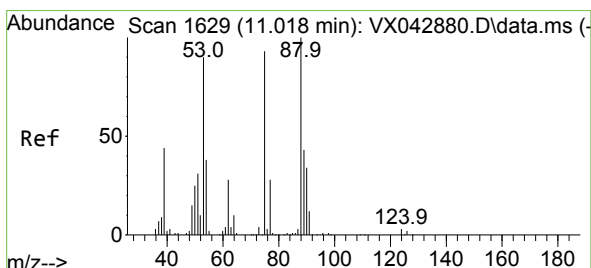
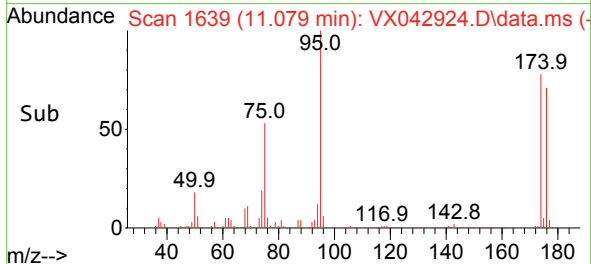
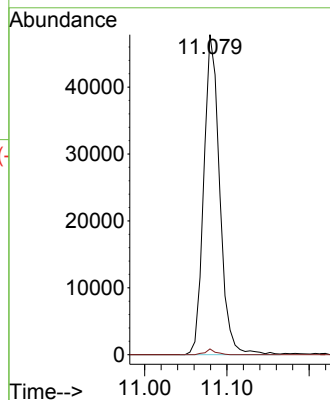
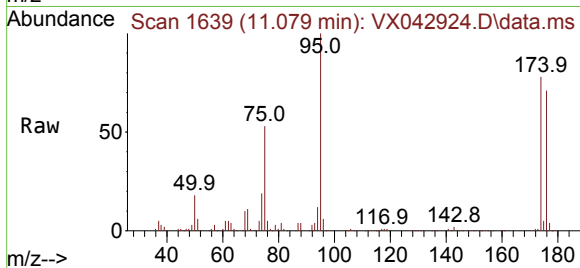
S-863-K2-SO-13.5-14-072024ME

Tgt Ion: 75 Resp: 64347

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.779 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042924.D

Acq: 07 Aug 2024 18:31

Tgt Ion: 75 Resp: 64347

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

