

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042916.D
 Acq On : 07 Aug 2024 15:25
 Operator : JC/MD
 Sample : P3374-22
 Misc : 7.54g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-863-K2-SO-12-12.5-072024ME

Quant Time: Aug 08 02:02:37 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)

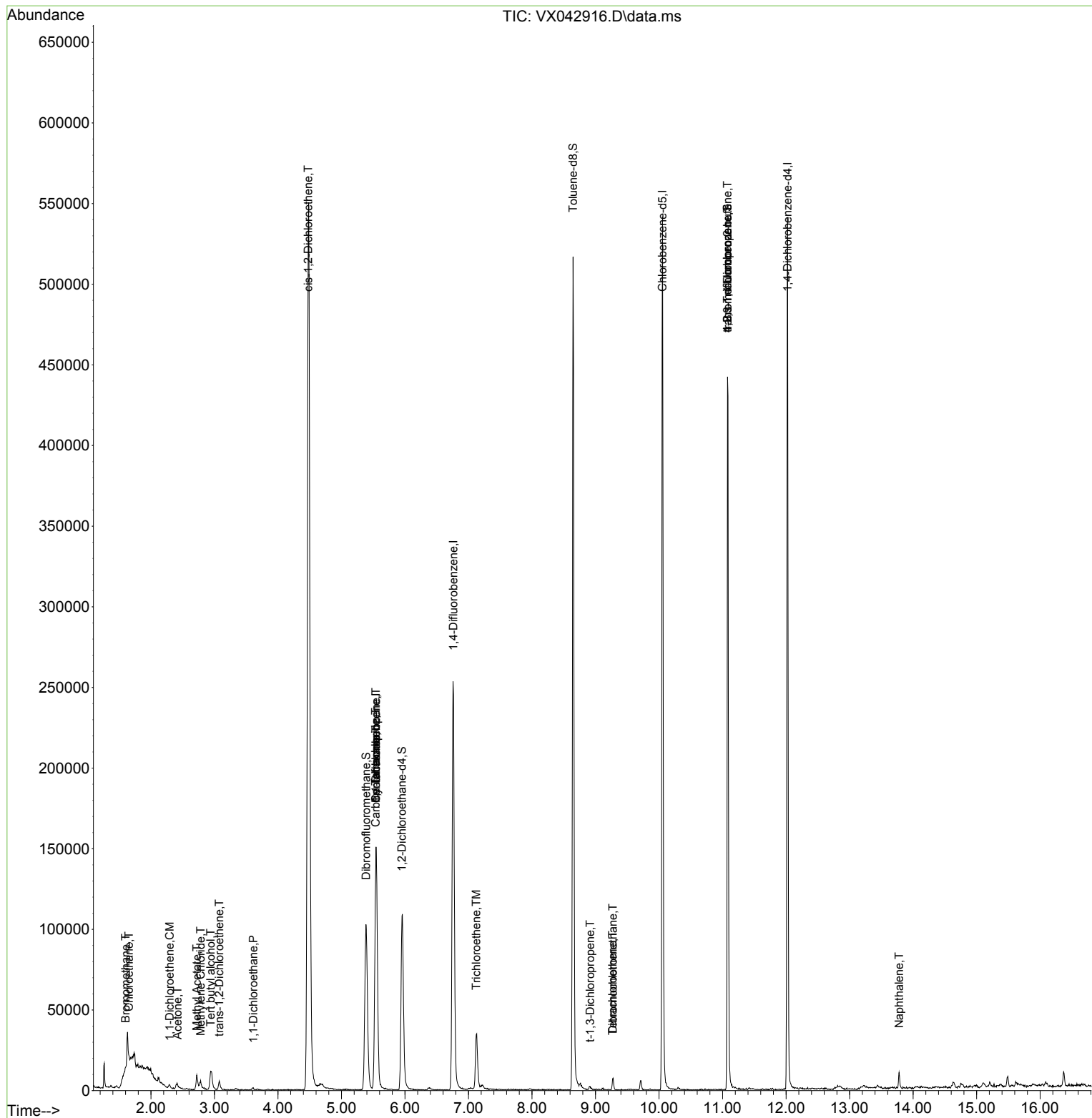
Internal Standards						
1) Pentafluorobenzene	5.544	168	146455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111641	55.528	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.060%
35) Dibromofluoromethane	5.385	113	93127	52.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.860%
50) Toluene-d8	8.647	98	318885	51.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.100%
62) 4-Bromofluorobenzene	11.079	95	126334	56.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.580%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	714	0.723	ug/l #	79
6) Chloroethane	1.654	64	605	0.651	ug/l #	43
11) Tert butyl alcohol	2.940	59	8501	21.257	ug/l #	81
12) 1,1-Dichloroethene	2.294	96	1000	0.619	ug/l #	62
16) Acetone	2.416	43	2728	3.128	ug/l #	75
18) Methyl Acetate	2.721	43	13009	4.704	ug/l	99
20) Methylene Chloride	2.782	84	3257	0.897	ug/l #	74
21) trans-1,2-Dichloroethene	3.075	96	2093	1.289	ug/l	83
24) 1,1-Dichloroethane	3.611	63	1884	0.611	ug/l #	83
27) cis-1,2-Dichloroethene	4.477	96	370399	192.312	ug/l	81
31) Cyclohexane	5.544	56	2780	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11721	4.914	ug/l #	51
38) Carbon Tetrachloride	5.537	117	15077	5.599	ug/l #	15
44) Trichloroethene	7.123	130	14488	7.788	ug/l	85
53) t-1,3-Dichloropropene	8.915	75	1379	0.582	ug/l #	43
60) Dibromochloromethane	9.275	129	1306	0.651	ug/l #	11
64) Tetrachloroethene	9.269	164	1690	0.934	ug/l #	72
76) 1,2,3-Trichloropropane	11.079	75	62352	23.690	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62352	77.029	ug/l #	5
95) Naphthalene	13.780	128	7716	0.937	ug/l	98

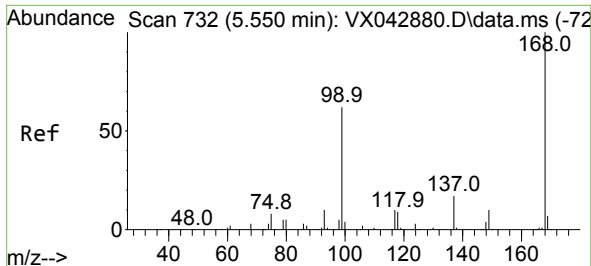
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042916.D
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Sample : P3374-22
Misc : 7.54g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

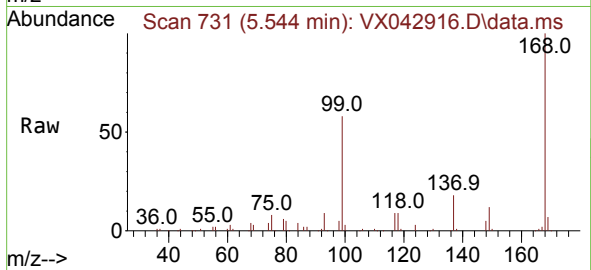
Quant Time: Aug 08 02:02:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
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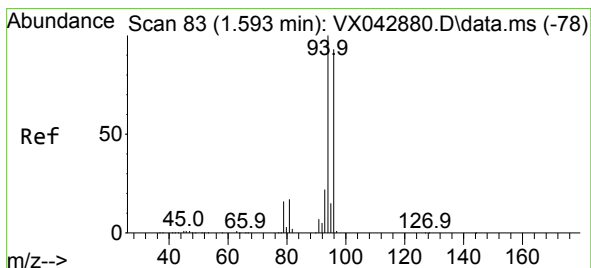
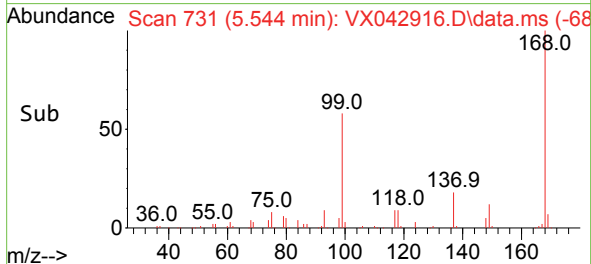
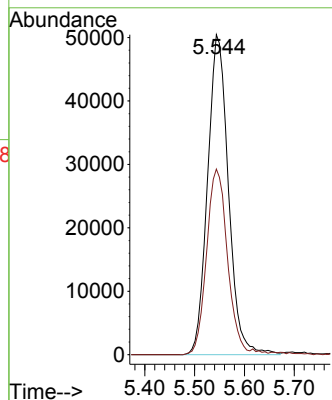


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

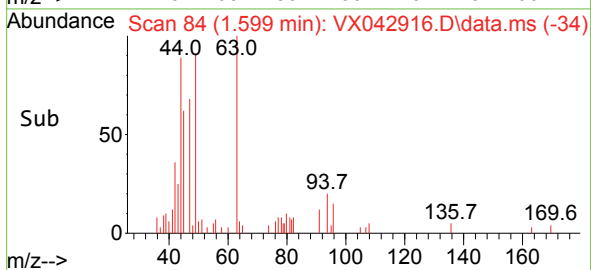
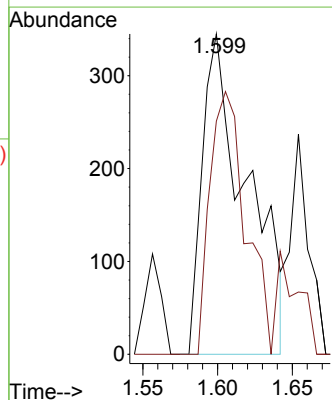
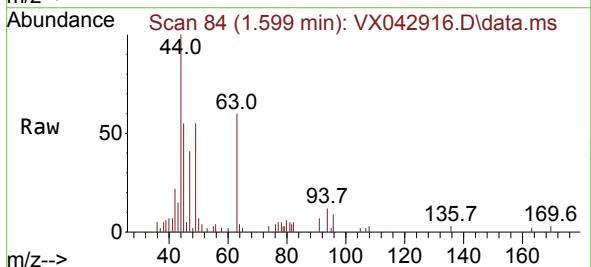


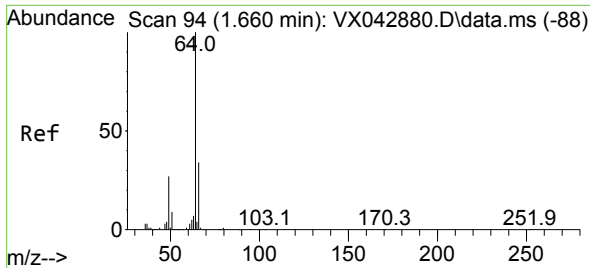
Tgt Ion:168 Resp: 146455
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#5
Bromomethane
Concen: 0.723 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 94 Resp: 714
Ion Ratio Lower Upper
94 100
96 72.8 74.6 111.8#

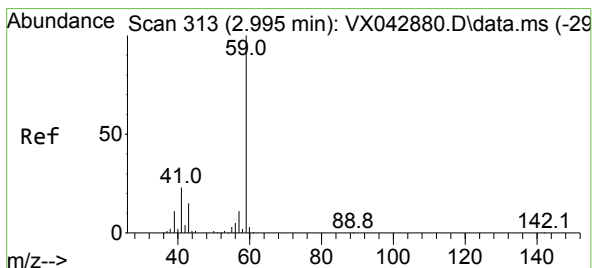
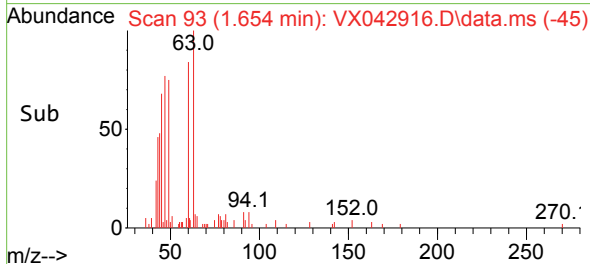
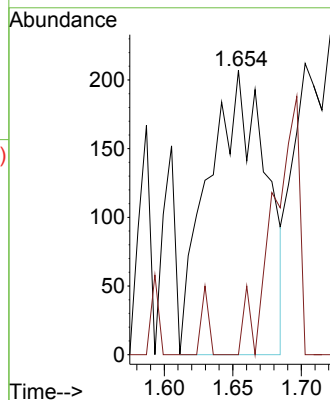
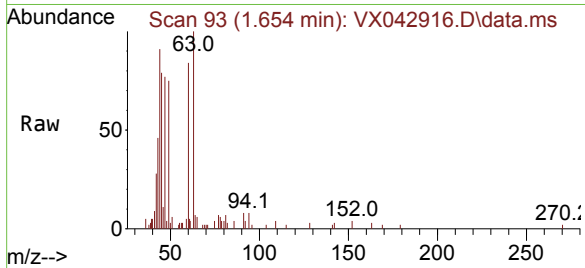




#6
Chloroethane
Concen: 0.651 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

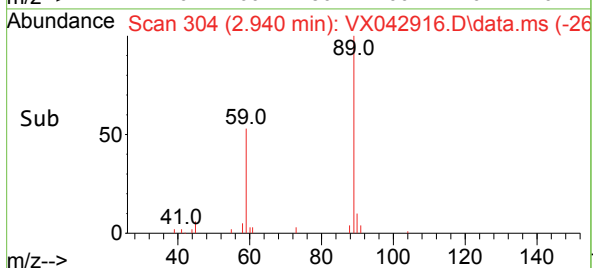
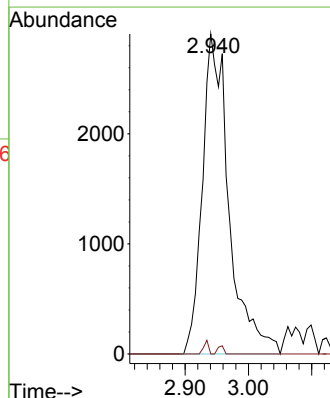
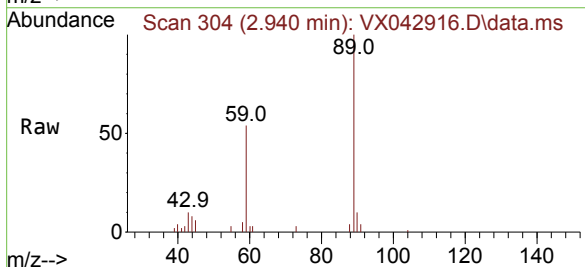
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

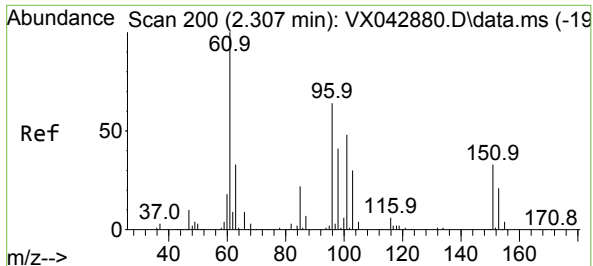
Tgt Ion: 64 Resp: 605
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 21.257 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 59 Resp: 8501
Ion Ratio Lower Upper
59 100
57 0.8 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.619 ug/l

RT: 2.294 min Scan# 198

Delta R.T. -0.012 min

Lab File: VX042916.D

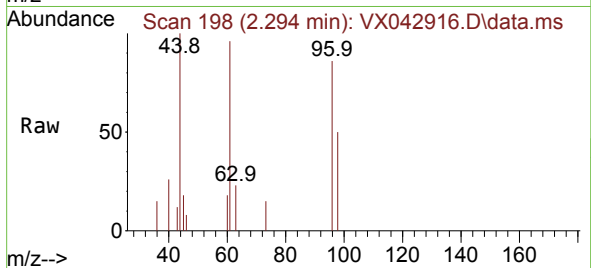
Acq: 07 Aug 2024 15:25

Instrument :

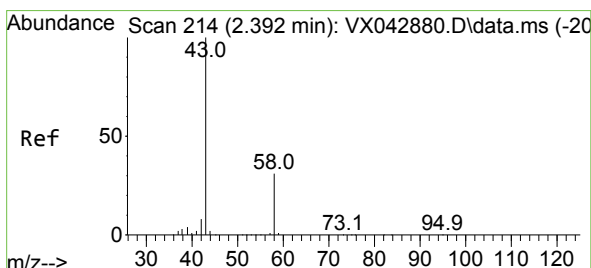
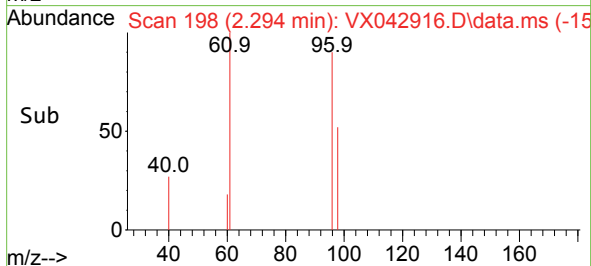
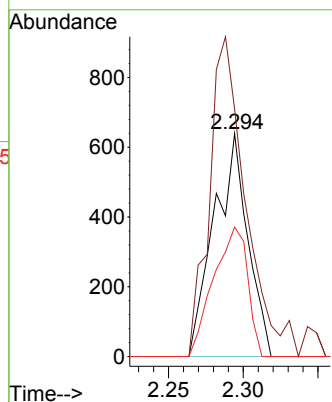
MSVOA_X

ClientSampleId :

S-863-K2-SO-12-12.5-072024ME



Tgt Ion:	96	Resp:	1000
Ion	Ratio	Lower	Upper
96	100		
61	111.1	144.6	216.8#
98	58.1	50.4	75.6



#16

Acetone

Concen: 3.128 ug/l

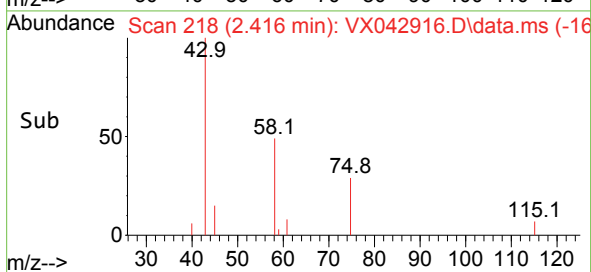
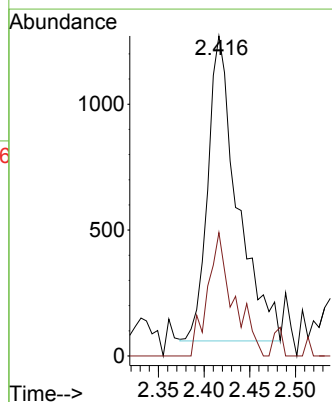
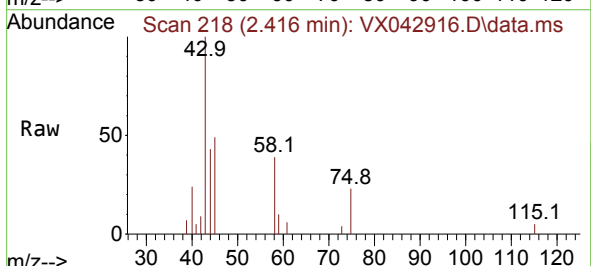
RT: 2.416 min Scan# 218

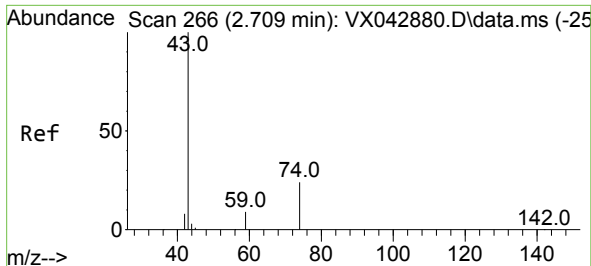
Delta R.T. 0.024 min

Lab File: VX042916.D

Acq: 07 Aug 2024 15:25

Tgt Ion:	43	Resp:	2728
Ion	Ratio	Lower	Upper
43	100		
58	40.5	21.9	32.9#





#18

Methyl Acetate

Concen: 4.704 ug/l

RT: 2.721 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX042916.D

Acq: 07 Aug 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

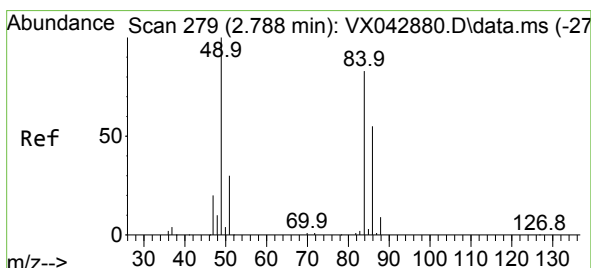
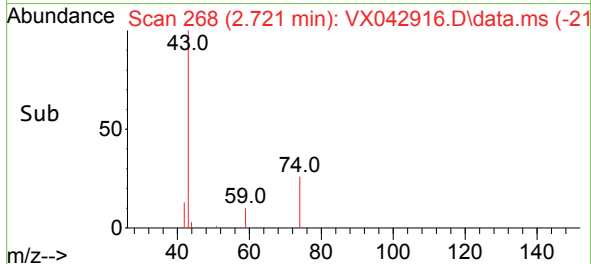
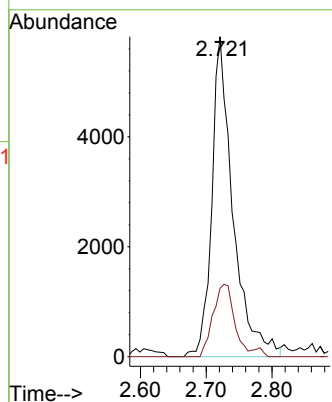
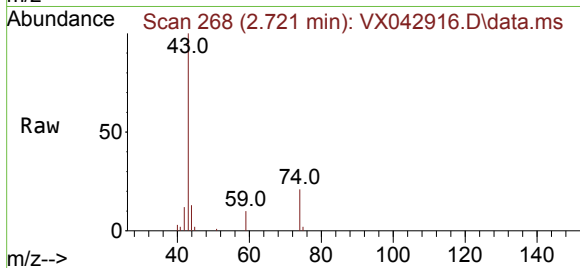
S-863-K2-SO-12-12.5-072024ME

Tgt Ion: 43 Resp: 13009

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8



#20

Methylene Chloride

Concen: 0.897 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX042916.D

Acq: 07 Aug 2024 15:25

Tgt Ion: 84 Resp: 3257

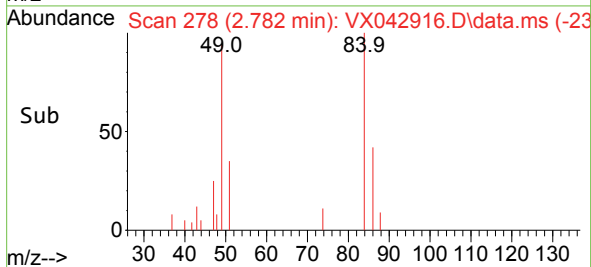
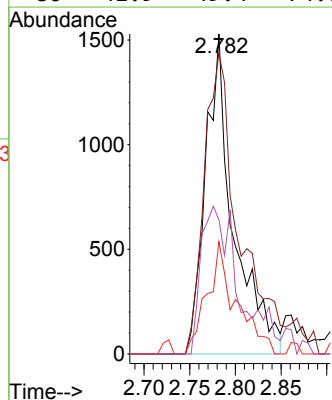
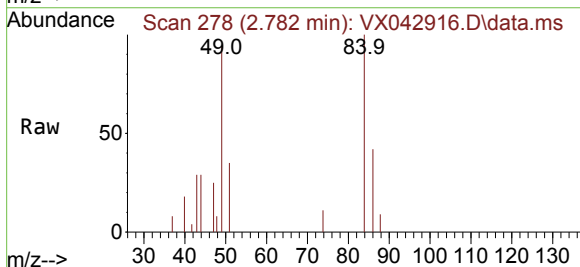
Ion Ratio Lower Upper

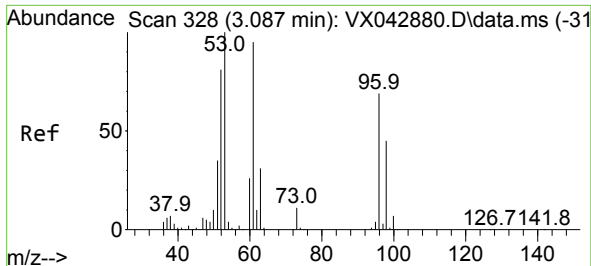
84 100

49 94.0 103.6 155.4#

51 35.1 33.8 50.6

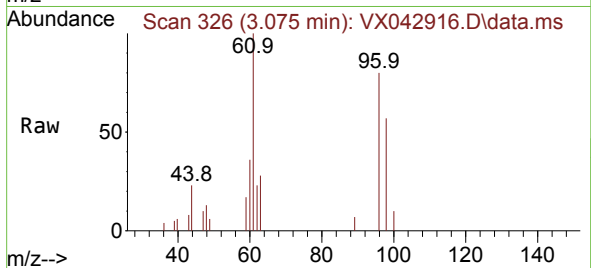
86 41.9 49.4 74.0#



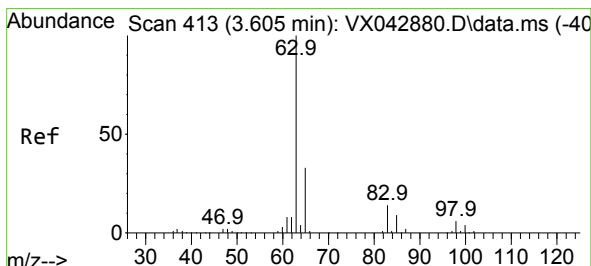
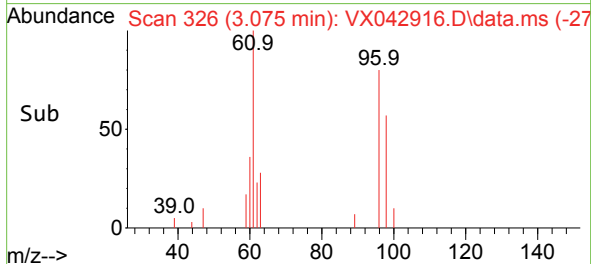
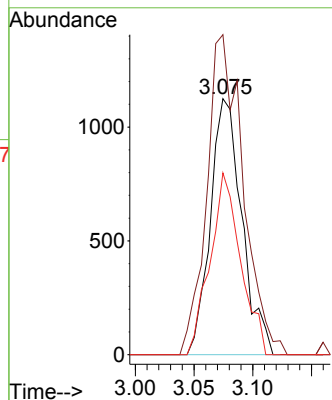


#21
trans-1,2-Dichloroethene
Concen: 1.289 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

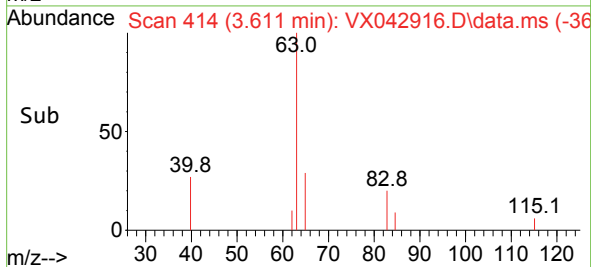
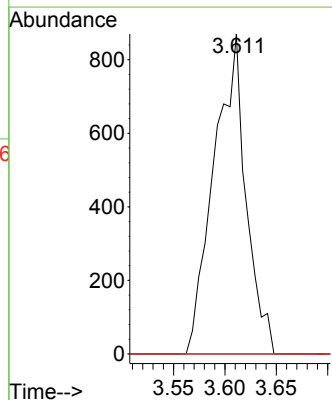
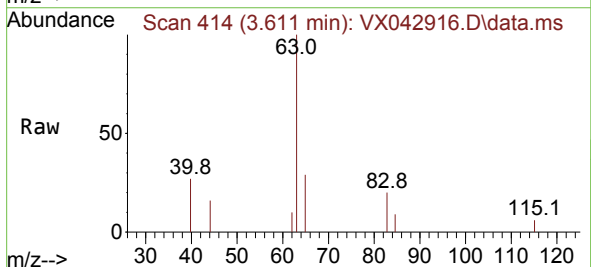


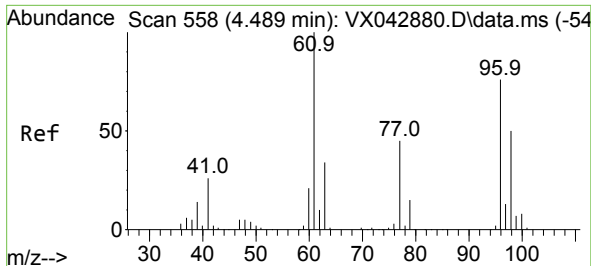
Tgt Ion: 96 Resp: 2093
Ion Ratio Lower Upper
96 100
61 125.0 119.2 178.8
98 71.0 48.7 73.1



#24
1,1-Dichloroethane
Concen: 0.611 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 63 Resp: 1884
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

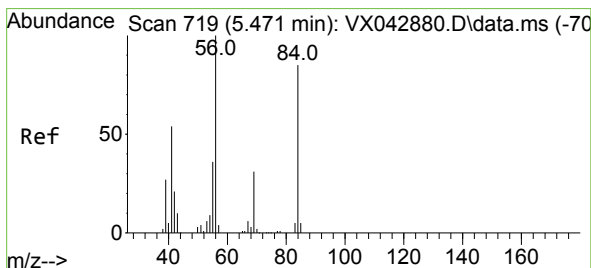
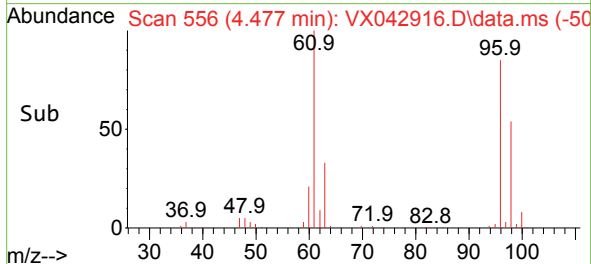
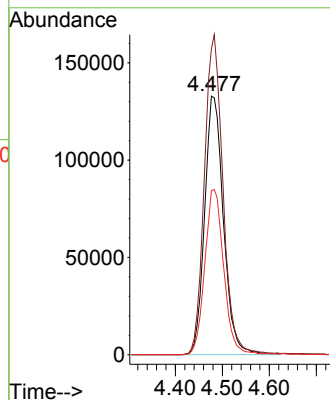
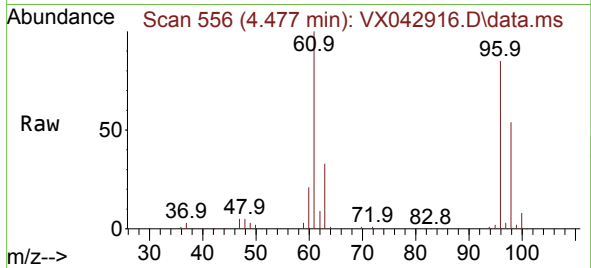




#27
cis-1,2-Dichloroethene
Concen: 192.312 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

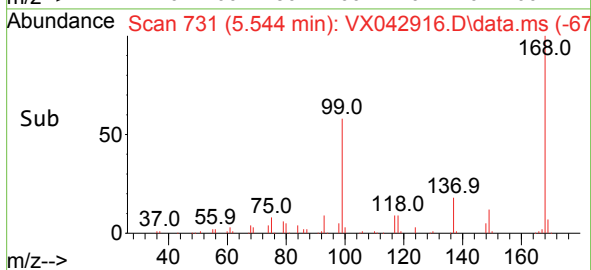
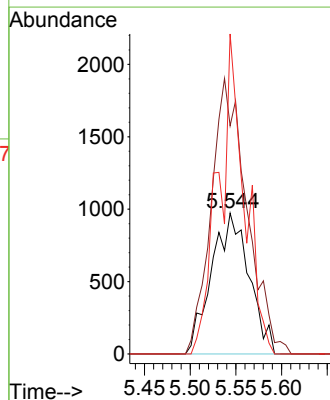
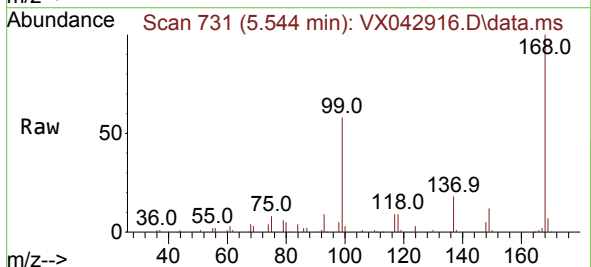
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

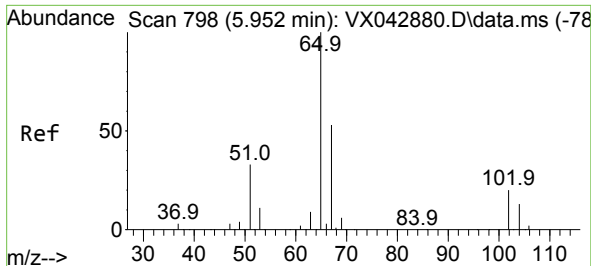
Tgt Ion: 96 Resp: 370399
Ion Ratio Lower Upper
96 100
61 121.9 0.0 312.2
98 64.1 0.0 129.0



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 56 Resp: 2780
Ion Ratio Lower Upper
56 100
69 162.0 23.4 35.2#
84 227.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 55.528 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX042916.D

Acq: 07 Aug 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

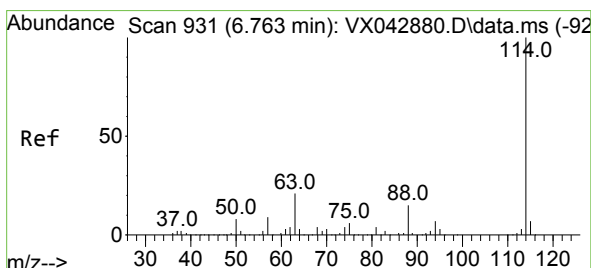
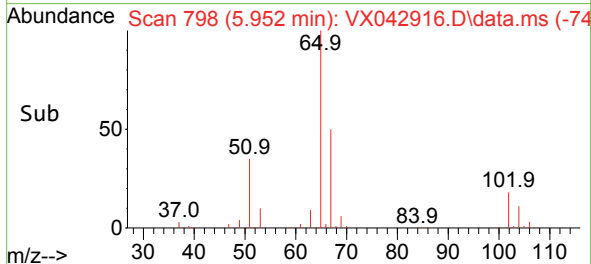
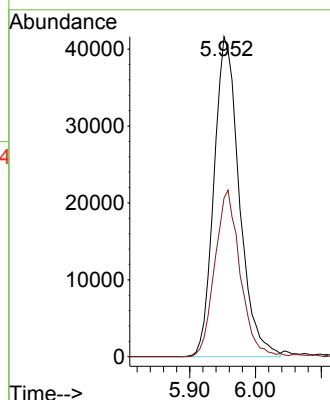
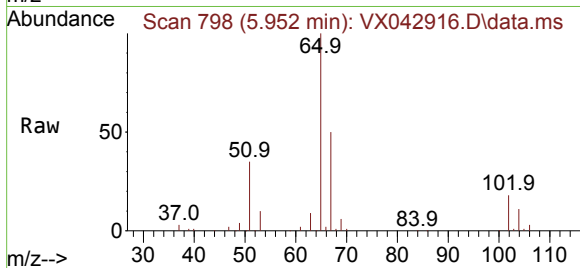
S-863-K2-SO-12-12.5-072024ME

Tgt Ion: 65 Resp: 111641

Ion Ratio Lower Upper

65 100

67 52.0 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: VX042916.D

Acq: 07 Aug 2024 15:25

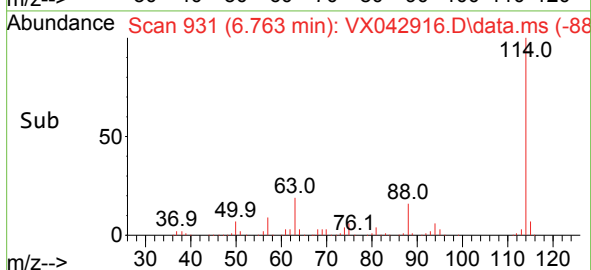
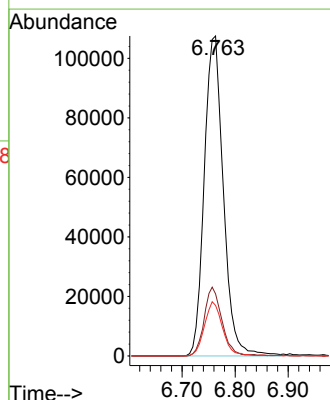
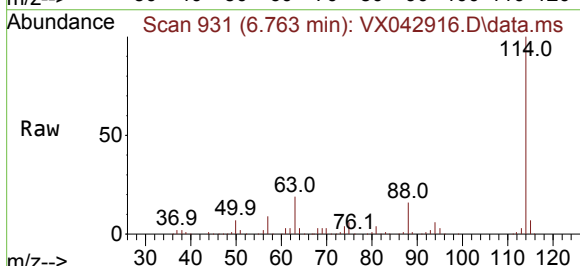
Tgt Ion: 114 Resp: 269090

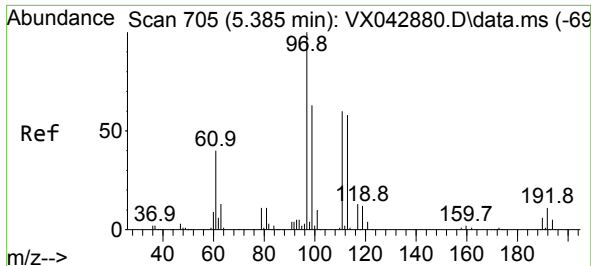
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.8 0.0 36.6

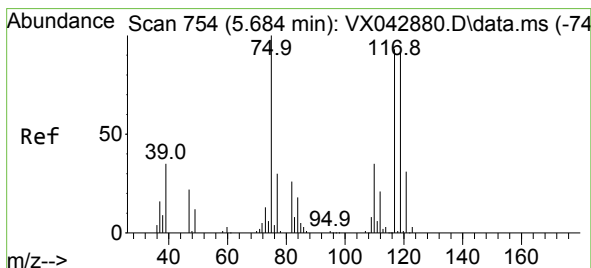
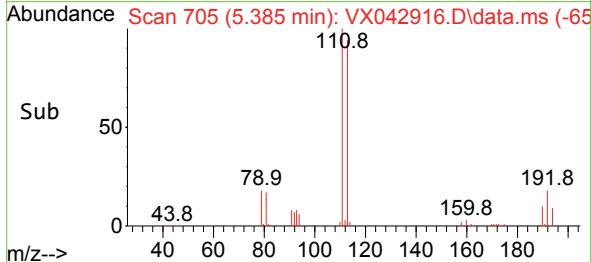
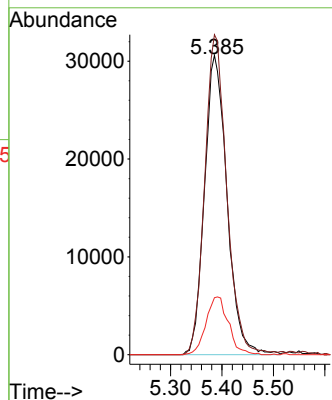
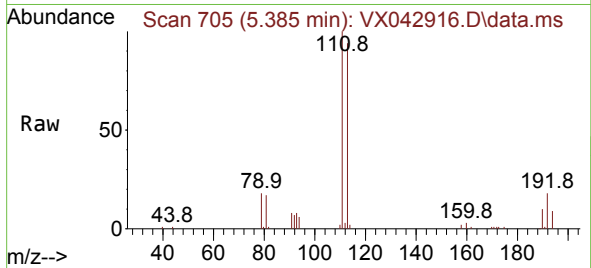




#35
Dibromofluoromethane
Concen: 52.930 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

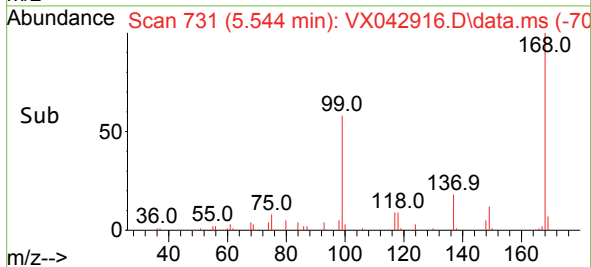
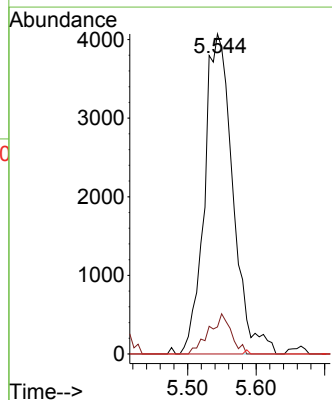
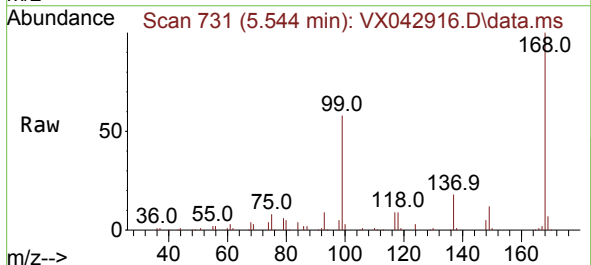
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

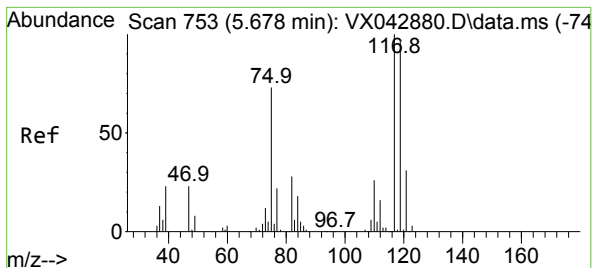
Tgt Ion:113 Resp: 93127
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 75 Resp: 11721
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.599 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX042916.D

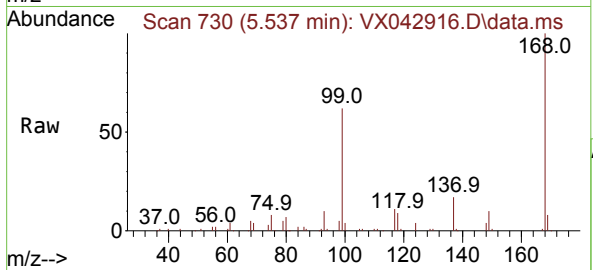
Acq: 07 Aug 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

S-863-K2-SO-12-12.5-072024ME



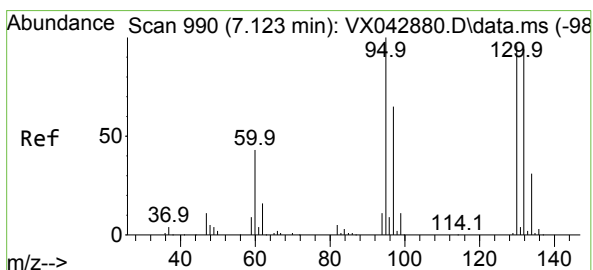
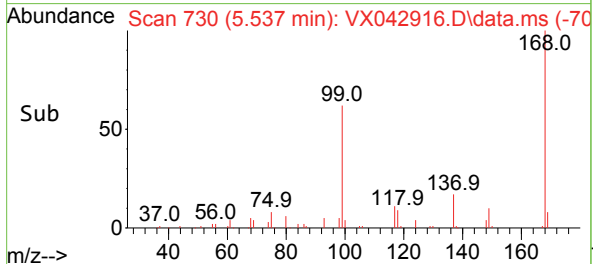
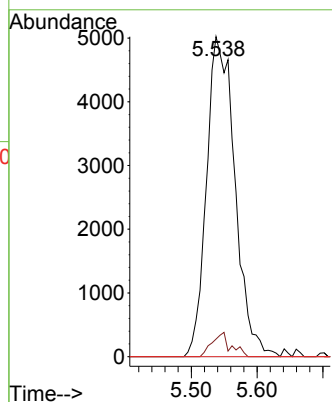
Tgt Ion:117 Resp: 15077

Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 7.788 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX042916.D

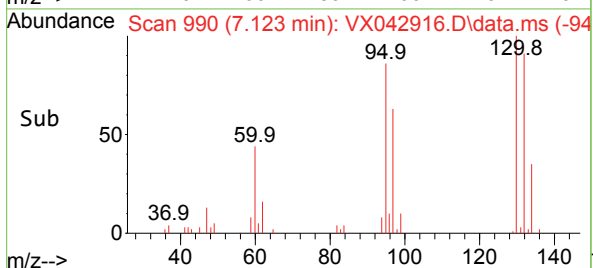
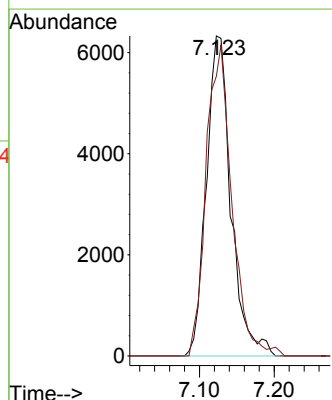
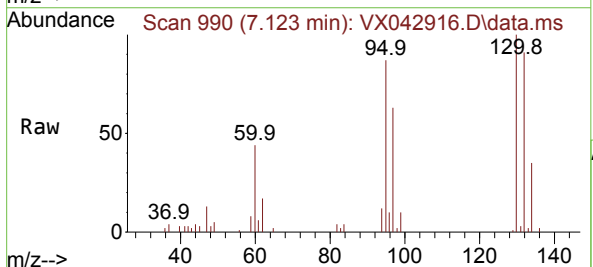
Acq: 07 Aug 2024 15:25

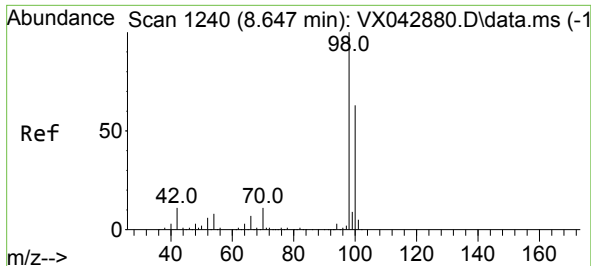
Tgt Ion:130 Resp: 14488

Ion Ratio Lower Upper

130 100

95 87.4 0.0 204.4

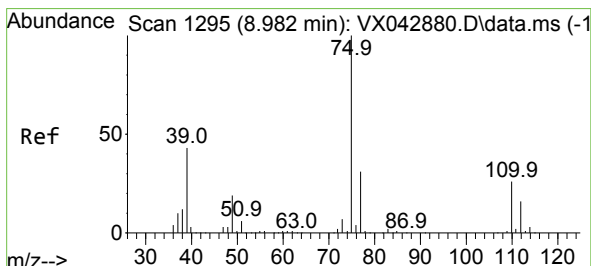
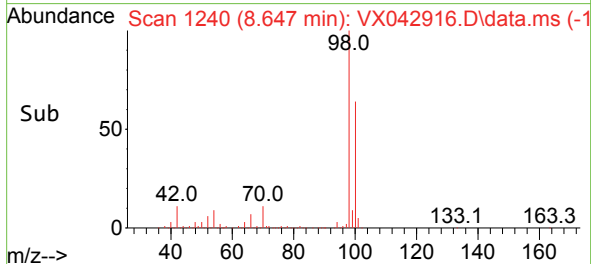
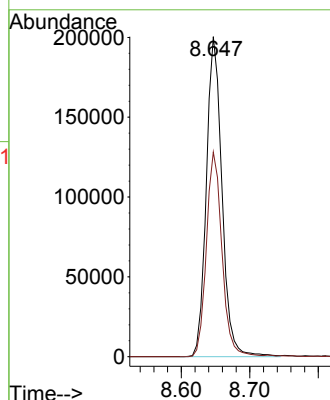
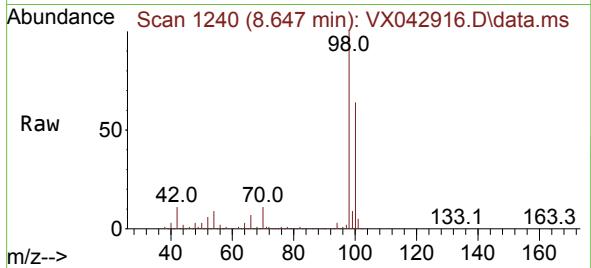




#50
Toluene-d8
Concen: 51.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

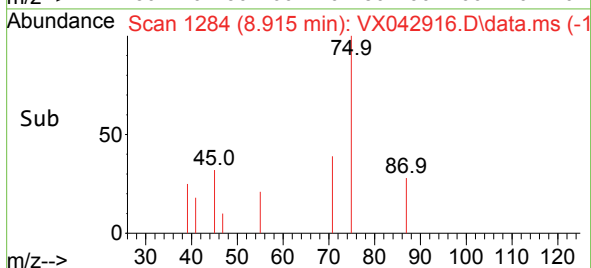
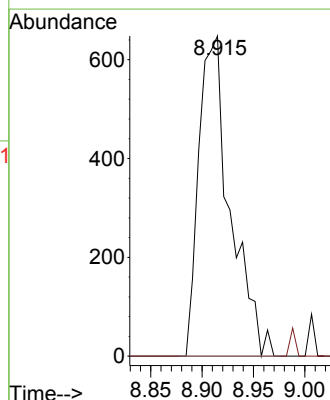
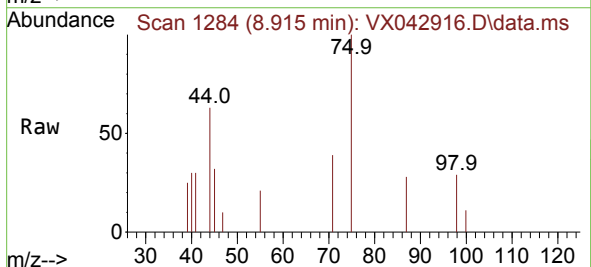
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

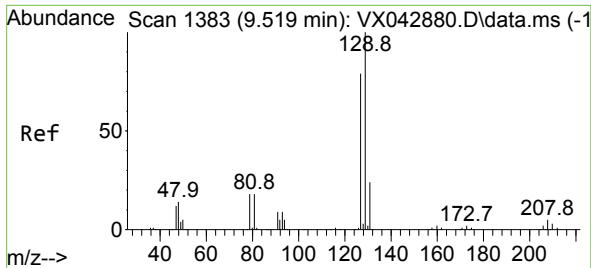
Tgt Ion: 98 Resp: 318885
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#53
t-1,3-Dichloropropene
Concen: 0.582 ug/l
RT: 8.915 min Scan# 1284
Delta R.T. -0.067 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 75 Resp: 1379
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

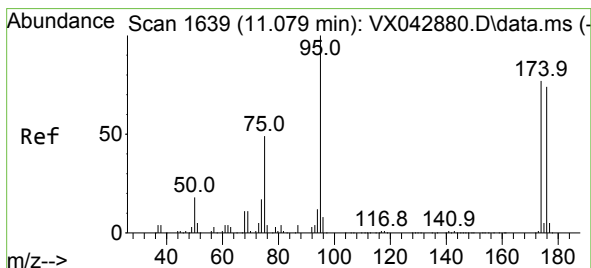
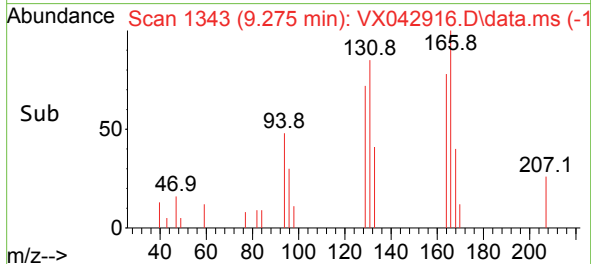
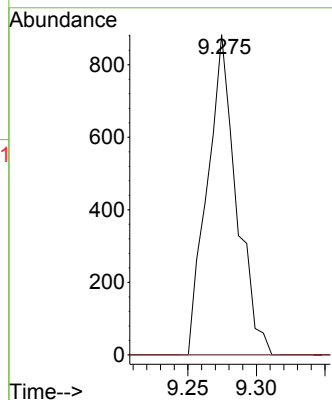
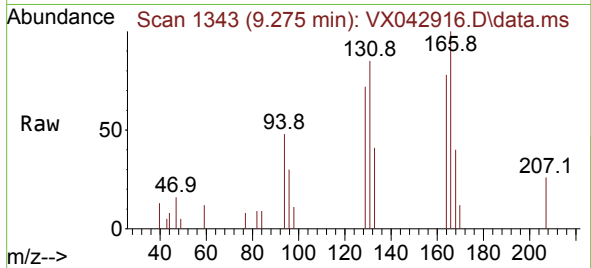




#60
Dibromochloromethane
Concen: 0.651 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

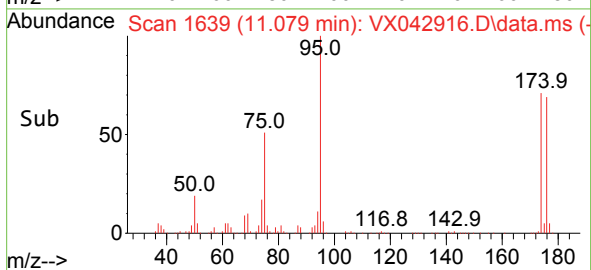
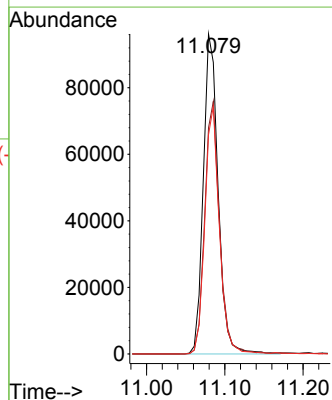
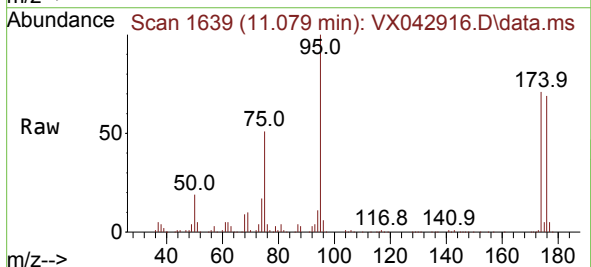
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

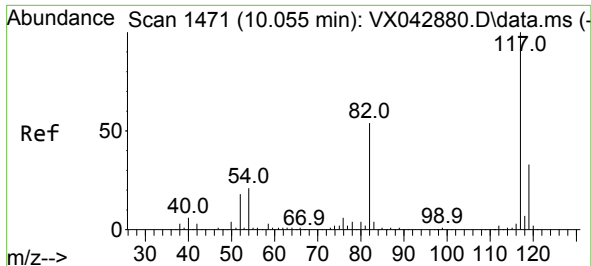
Tgt Ion:129 Resp: 1306
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 56.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 95 Resp: 126334
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 75.9 0.0 131.0

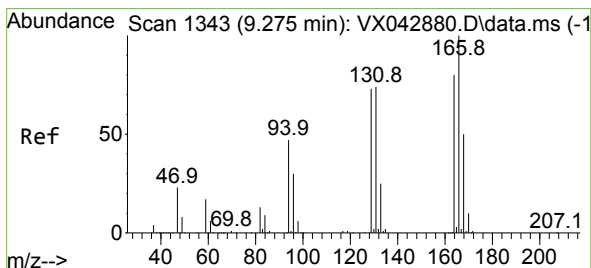
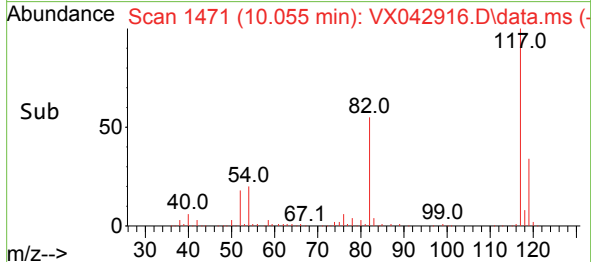
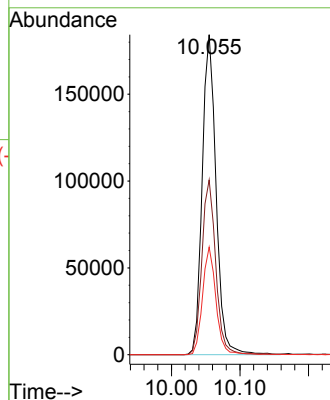
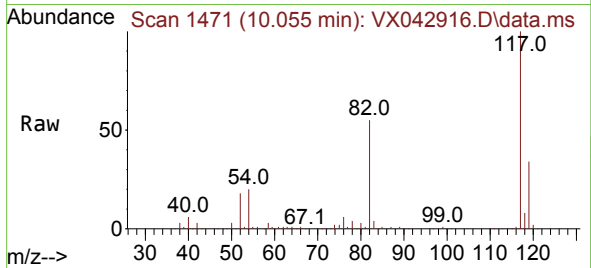




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

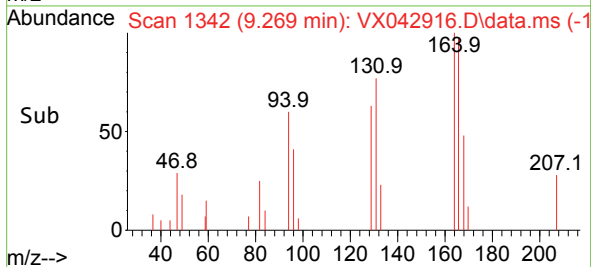
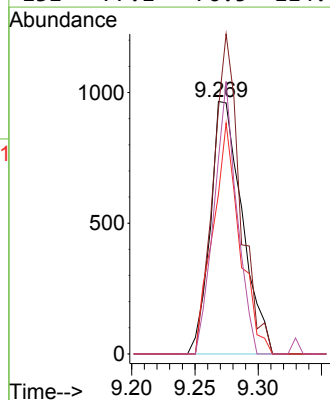
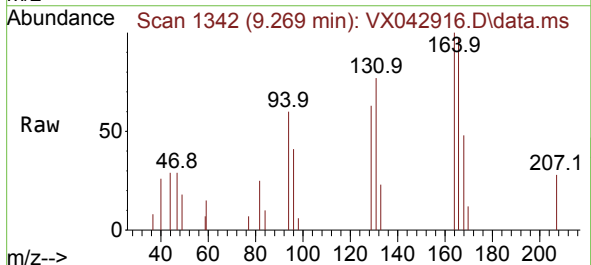
Instrument : MSVOA_X
ClientSampleId : S-863-K2-SO-12-12.5-072024ME

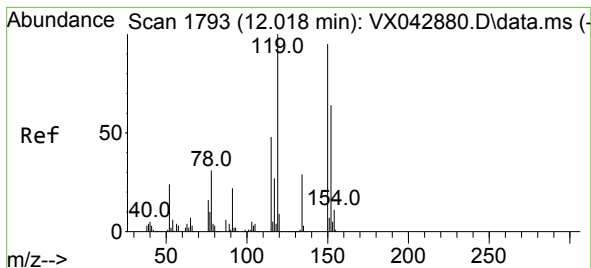
Tgt Ion:117	Resp: 260216
Ion Ratio	Lower Upper
117 100	
82 54.6	46.2 69.4
119 33.6	25.5 38.3



#64
Tetrachloroethene
Concen: 0.934 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion:164	Resp: 1690
Ion Ratio	Lower Upper
164 100	
166 97.0	102.7 154.1#
129 63.1	80.4 120.6#
131 77.1	76.5 114.7

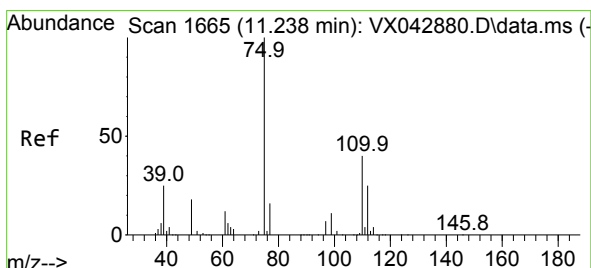
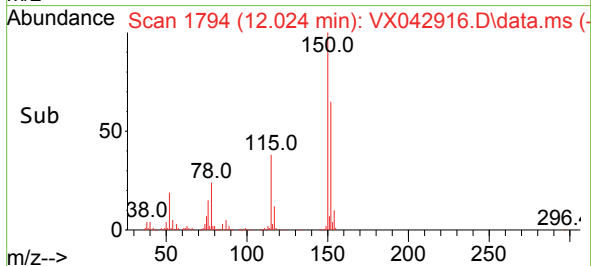
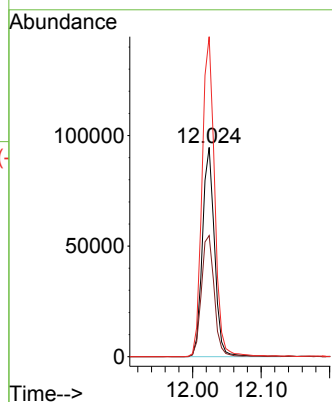
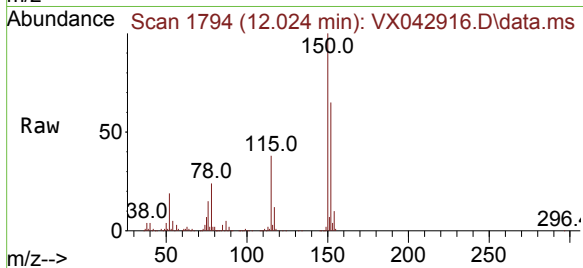




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

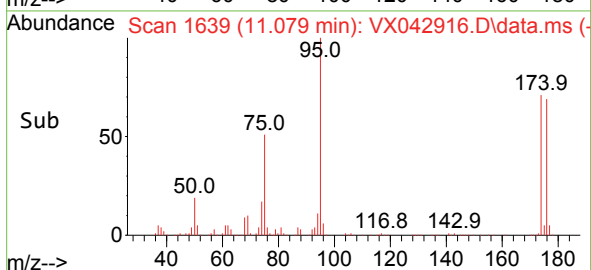
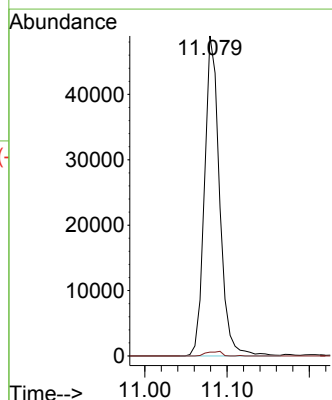
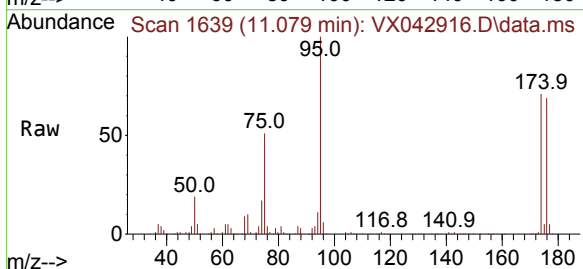
Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

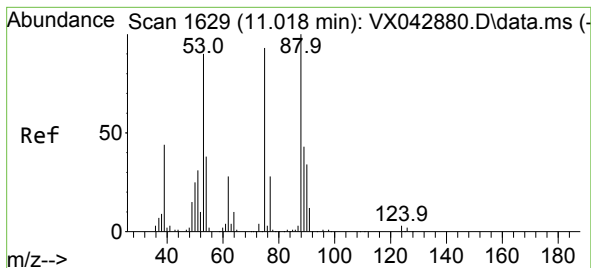
Tgt Ion:152 Resp: 117031
Ion Ratio Lower Upper
152 100
115 61.4 43.3 129.9
150 158.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion: 75 Resp: 62352
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

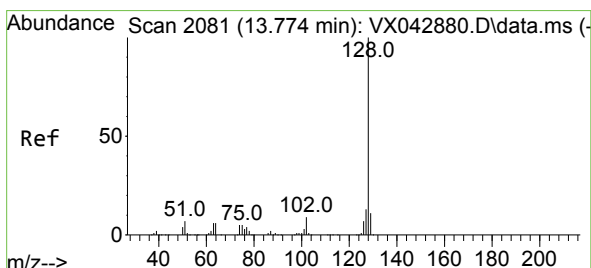
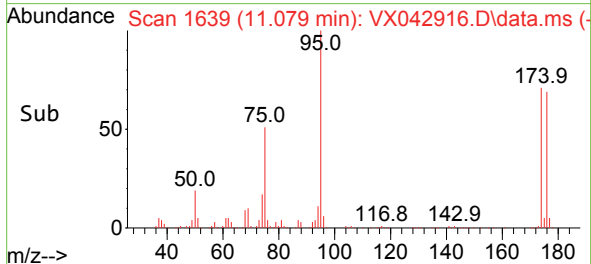
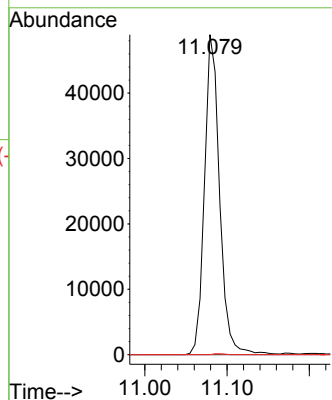
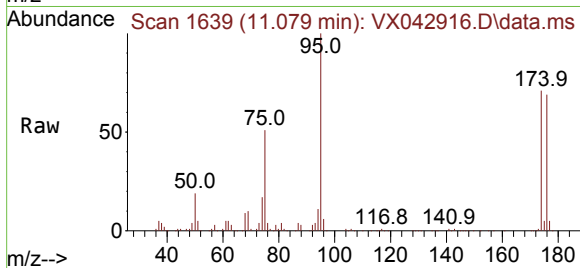




#81
trans-1,4-Dichloro-2-butene
Concen: 77.029 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
S-863-K2-SO-12-12.5-072024ME

Tgt Ion: 75 Resp: 62352
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 36.9 55.3#



#95
Naphthalene
Concen: 0.937 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042916.D
Acq: 07 Aug 2024 15:25

Tgt Ion:128 Resp: 7716
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 11.6 8.8 13.2

