

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042897.D
 Acq On : 07 Aug 2024 03:39
 Operator : JC/MD
 Sample : P3374-01
 Misc : 8.48g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-864-K2-SO-12-12.5-072024ME

Quant Time: Aug 07 06:34:18 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.	T. QIon	Response	Conc	Units	Dev(Min)

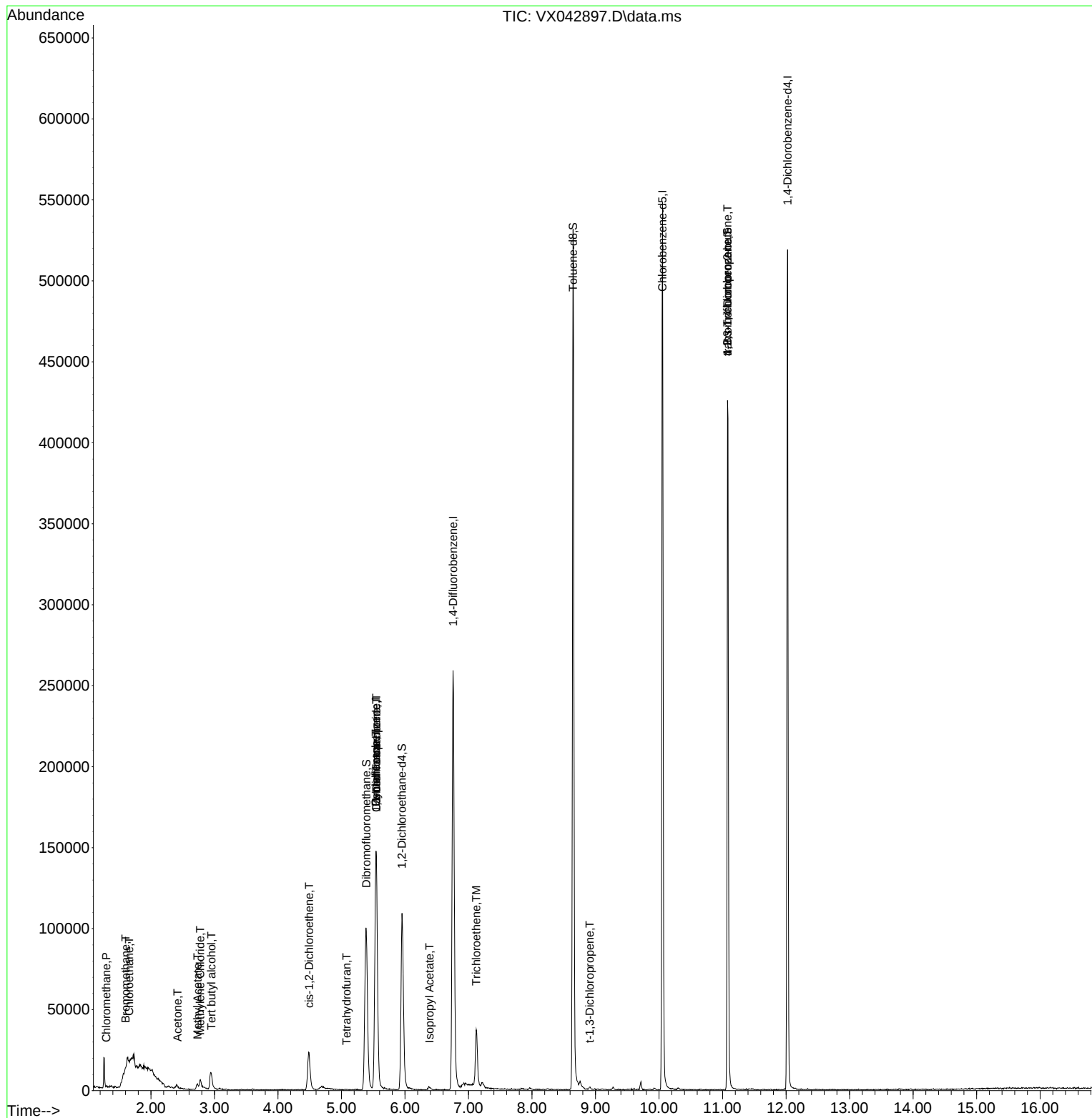
Internal Standards						
1) Pentafluorobenzene	5.544	168	144187	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	274842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111271	56.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.420%	
35) Dibromofluoromethane	5.391	113	92177	51.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.580%	
50) Toluene-d8	8.647	98	325452	51.015	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	119187	51.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	402	0.237	ug/l	# 43
5) Bromomethane	1.599	94	613	0.630	ug/l	87
6) Chloroethane	1.654	64	313	0.342	ug/l	# 43
11) Tert butyl alcohol	2.953	59	7605	19.316	ug/l	# 79
16) Acetone	2.416	43	1605	1.869	ug/l	92
18) Methyl Acetate	2.733	43	6378	2.343	ug/l	96
20) Methylene Chloride	2.776	84	4404	1.576	ug/l	# 75
27) cis-1,2-Dichloroethene	4.489	96	15710	8.285	ug/l	84
29) Tetrahydrofuran	5.080	42	470	0.516	ug/l	# 39
31) Cyclohexane	5.544	56	2877	1.162	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11150	4.576	ug/l	# 42
38) Carbon Tetrachloride	5.550	117	15361	5.585	ug/l	# 14
43) Isopropyl Acetate	6.385	43	1103	0.245	ug/l	# 62
44) Trichloroethene	7.123	130	14109	7.426	ug/l	90
53) t-1,3-Dichloropropene	8.909	75	681	0.281	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	61920	24.424	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	61920	79.416	ug/l	# 5

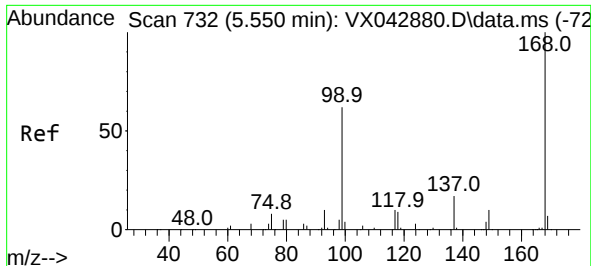
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042897.D
Acq On : 07 Aug 2024 03:39
Operator : JC/MD
Sample : P3374-01
Misc : 8.48g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-12-12.5-072024ME

Quant Time: Aug 07 06:34:18 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

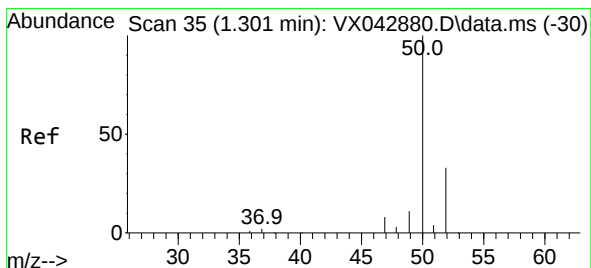
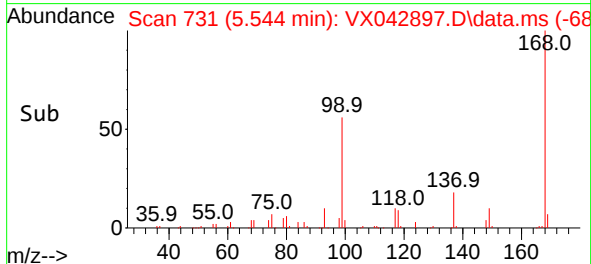
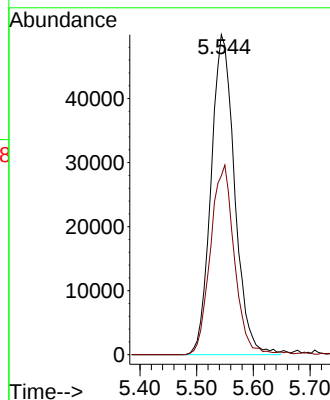
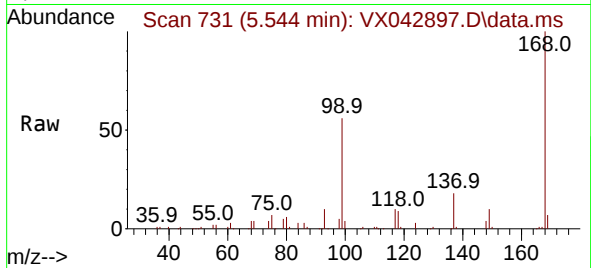




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

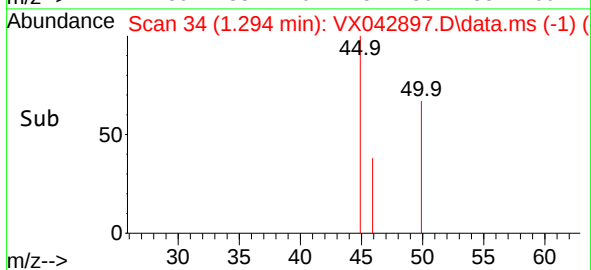
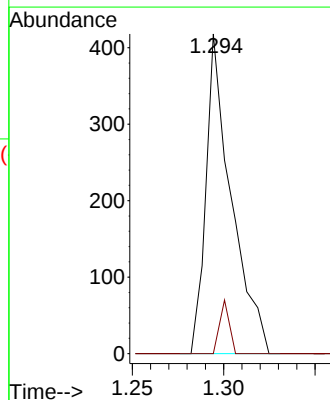
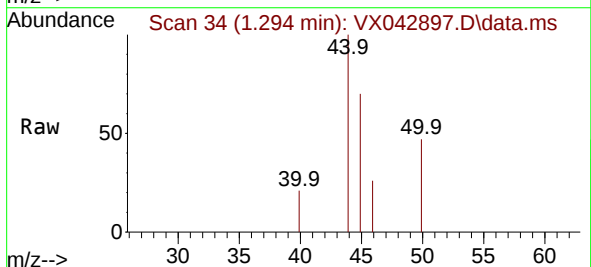
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-12-12.5-072024ME

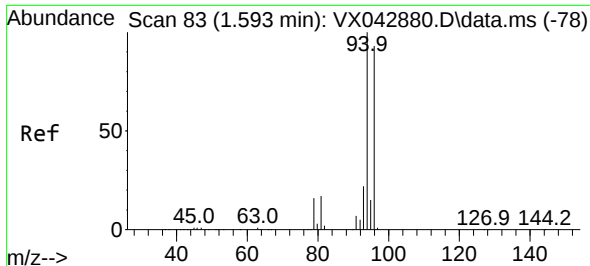
Tgt Ion:168 Resp: 144187
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

Tgt Ion: 50 Resp: 402
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

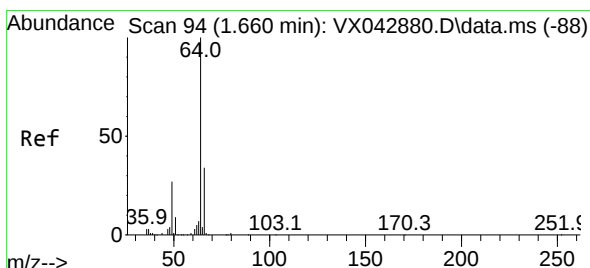
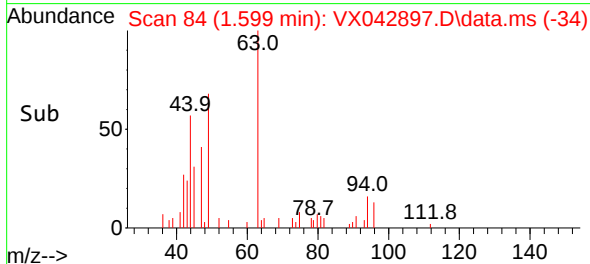
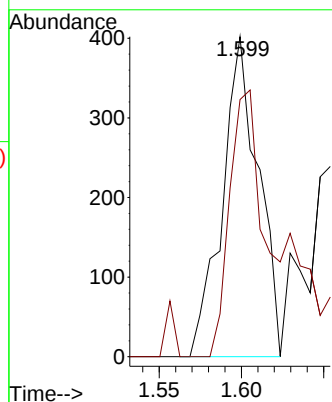
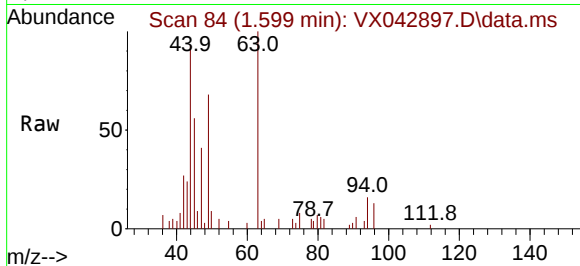




#5
Bromomethane
Concen: 0.630 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

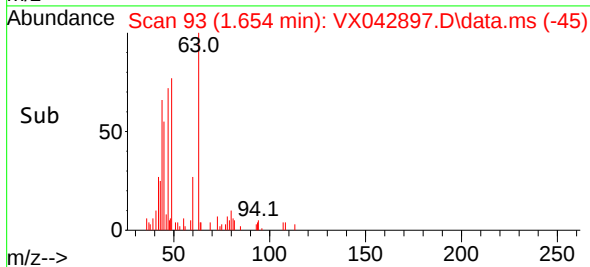
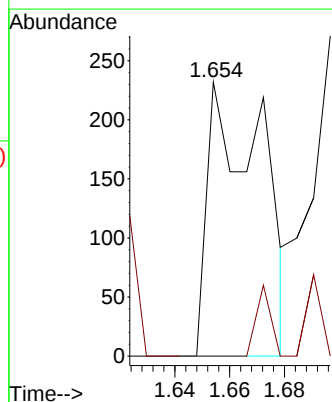
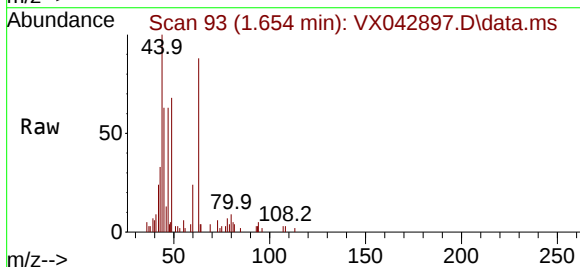
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-12-12.5-072024ME

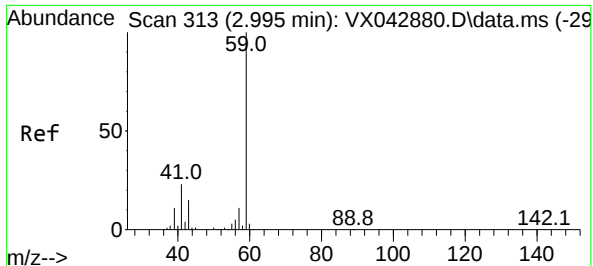
Tgt Ion: 94 Resp: 613
Ion Ratio Lower Upper
94 100
96 80.3 74.6 111.8



#6
Chloroethane
Concen: 0.342 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.006 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

Tgt Ion: 64 Resp: 313
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 19.316 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX042897.D

Acq: 07 Aug 2024 03:39

Instrument :

MSVOA_X

ClientSampleId :

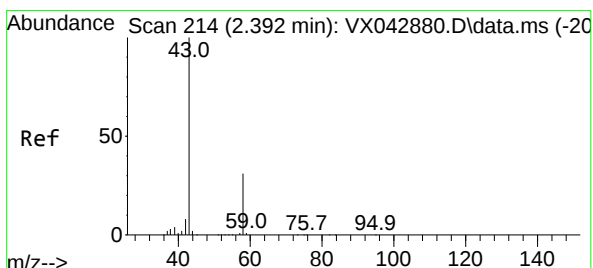
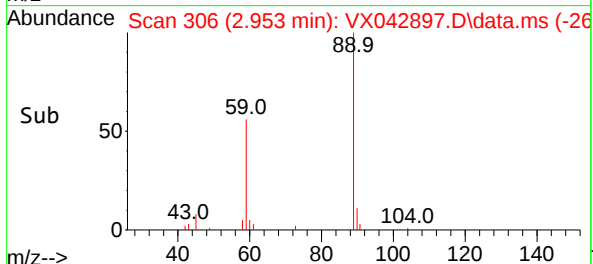
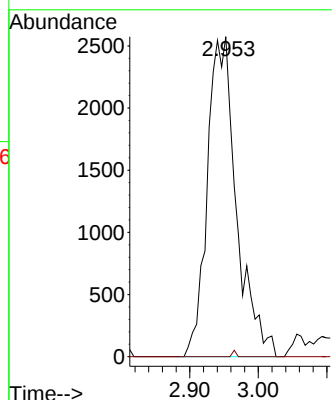
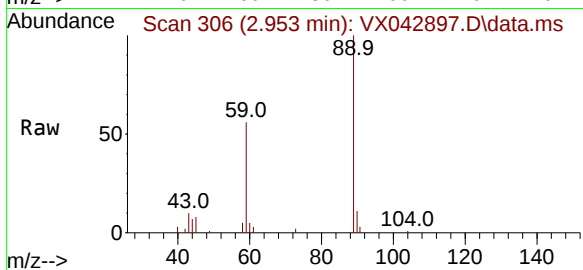
S-864-K2-SO-12-12.5-072024ME

Tgt Ion: 59 Resp: 7605

Ion Ratio Lower Upper

59 100

57 0.2 6.0 9.0#



#16

Acetone

Concen: 1.869 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.024 min

Lab File: VX042897.D

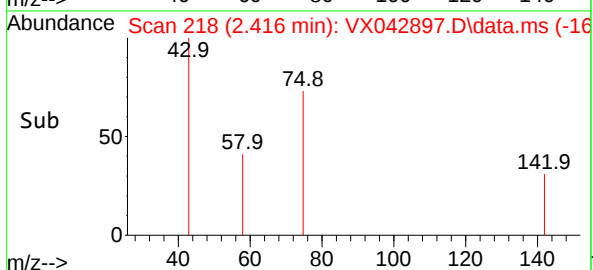
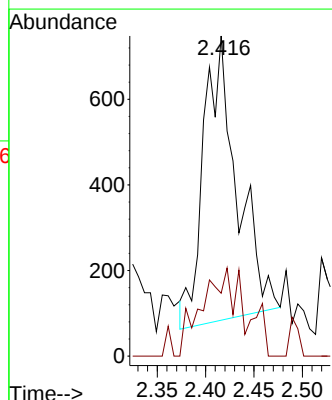
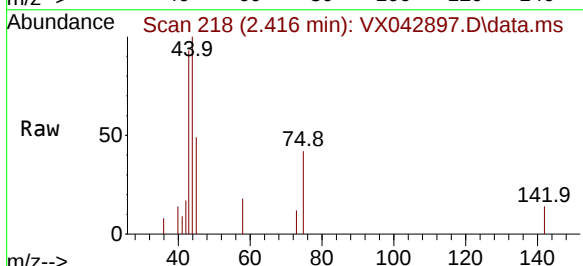
Acq: 07 Aug 2024 03:39

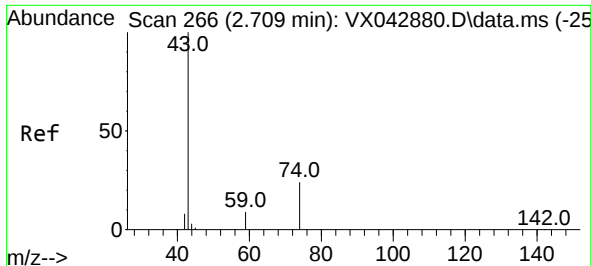
Tgt Ion: 43 Resp: 1605

Ion Ratio Lower Upper

43 100

58 23.2 21.9 32.9





#18

Methyl Acetate

Concen: 2.343 ug/l

RT: 2.733 min Scan# 21

Delta R.T. 0.024 min

Lab File: VX042897.D

Acq: 07 Aug 2024 03:39

Instrument :

MSVOA_X

ClientSampleId :

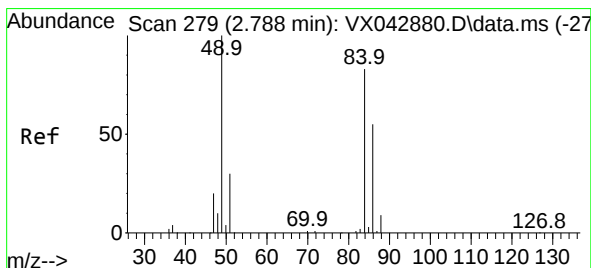
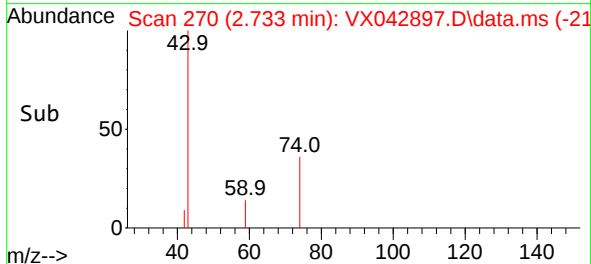
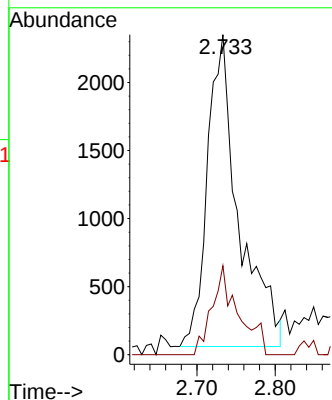
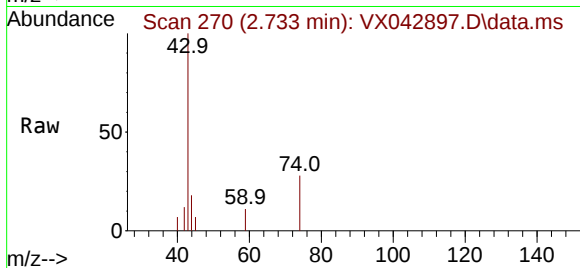
S-864-K2-SO-12-12.5-072024ME

Tgt Ion: 43 Resp: 6378

Ion Ratio Lower Upper

43 100

74 24.0 17.8 26.8



#20

Methylene Chloride

Concen: 1.576 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX042897.D

Acq: 07 Aug 2024 03:39

Tgt Ion: 84 Resp: 4404

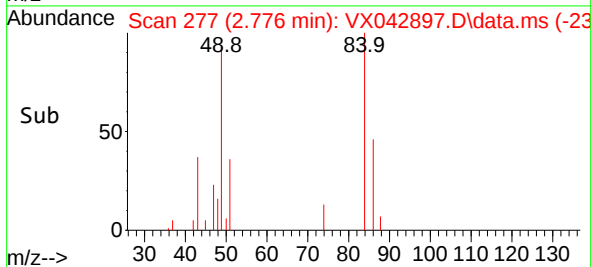
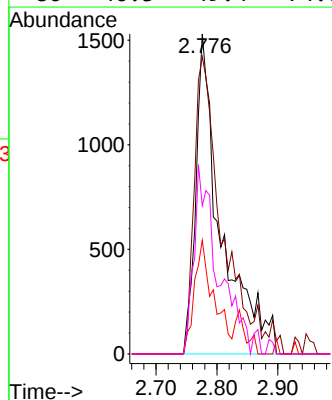
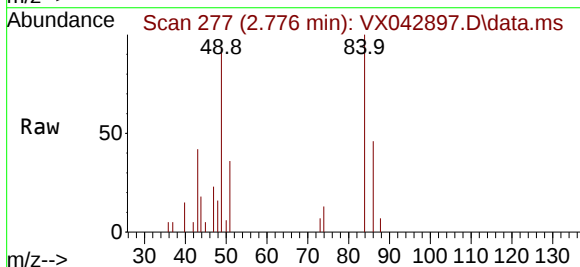
Ion Ratio Lower Upper

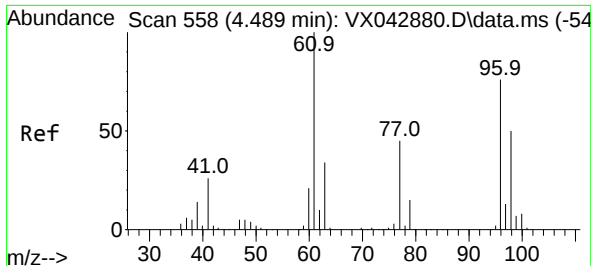
84 100

49 92.9 103.6 155.4#

51 35.6 33.8 50.6

86 46.3 49.4 74.0#

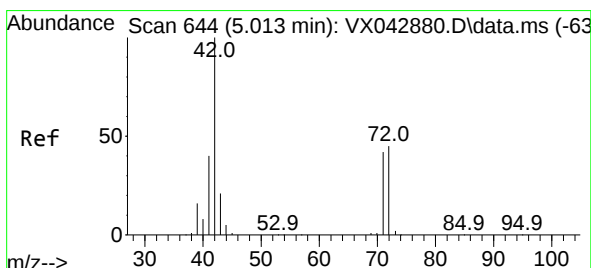
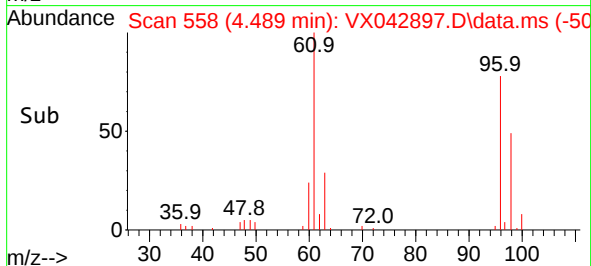
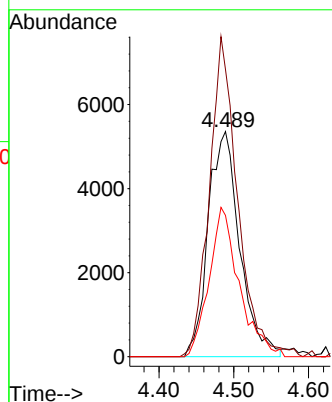
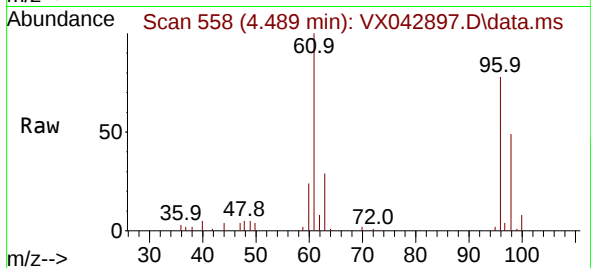




#27
 cis-1,2-Dichloroethene
 Concen: 8.285 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX042897.D
 Acq: 07 Aug 2024 03:39

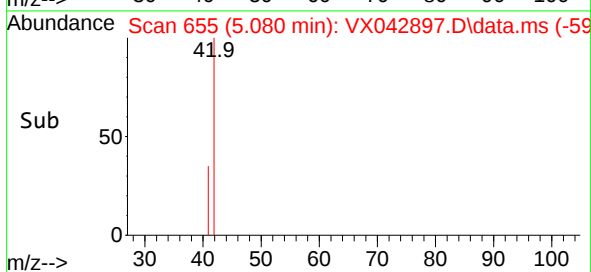
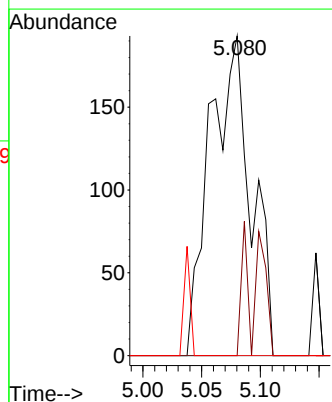
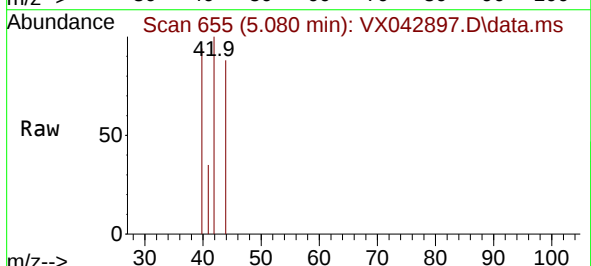
Instrument :
 MSVOA_X
 ClientSampleId :
 S-864-K2-SO-12-12.5-072024ME

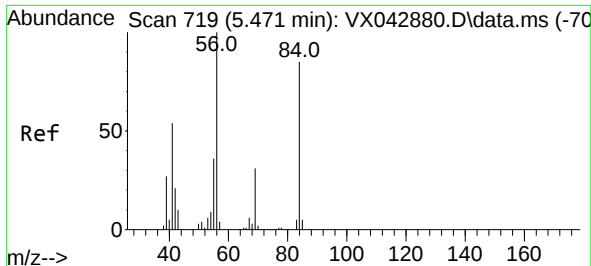
Tgt Ion:	96	Resp:	15710
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	312.2
98	63.3	0.0	129.0



#29
 Tetrahydrofuran
 Concen: 0.516 ug/l
 RT: 5.080 min Scan# 655
 Delta R.T. 0.067 min
 Lab File: VX042897.D
 Acq: 07 Aug 2024 03:39

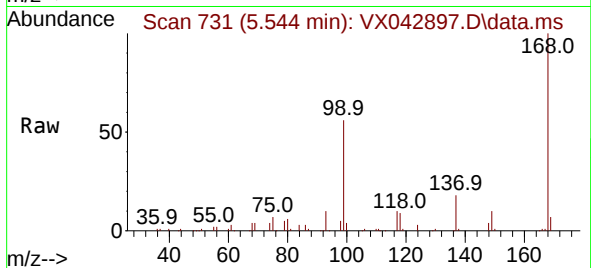
Tgt Ion:	42	Resp:	470
Ion	Ratio	Lower	Upper
42	100		
72	6.4	34.2	51.4#
71	0.0	32.2	48.2#





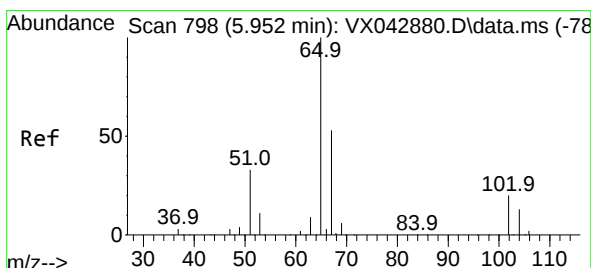
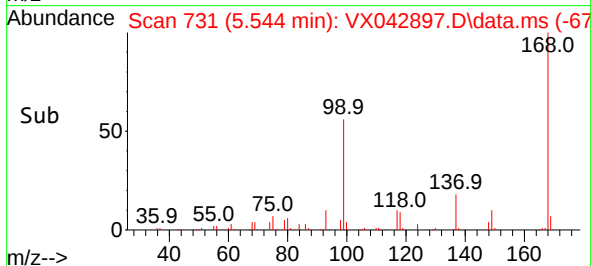
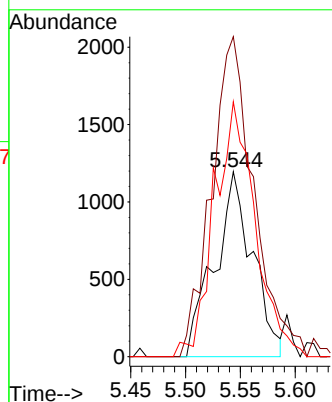
#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-12-12.5-072024ME



Tgt Ion: 56 Resp: 2877

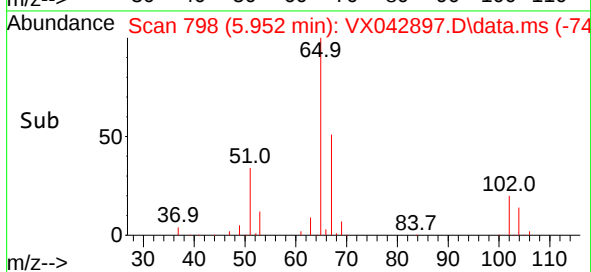
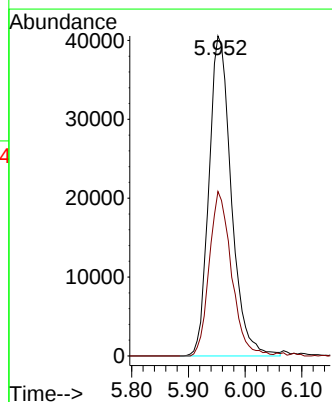
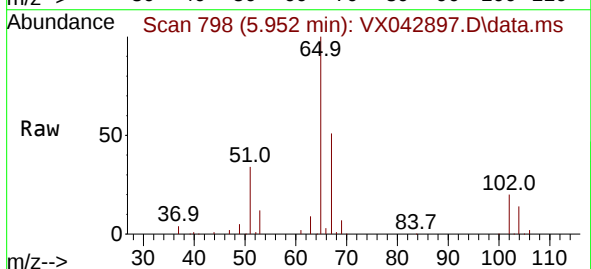
Ion	Ratio	Lower	Upper
56	100		
69	173.1	23.4	35.2#
84	130.0	65.9	98.9#

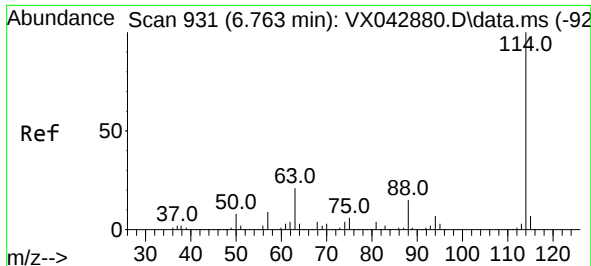


#33
1,2-Dichloroethane-d4
Concen: 56.214 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

Tgt Ion: 65 Resp: 111271

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.2

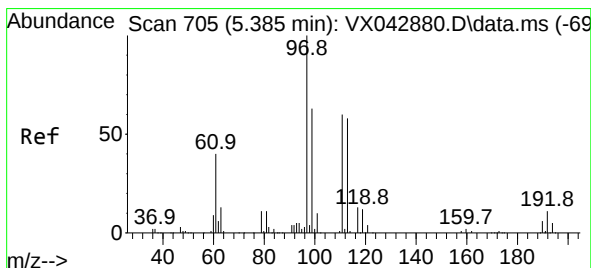
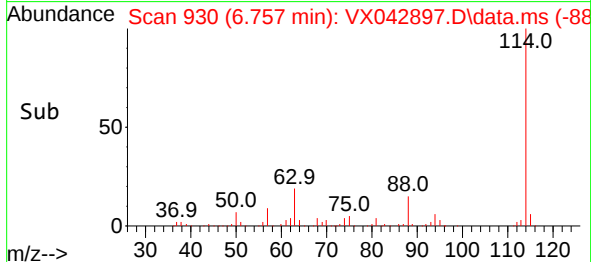
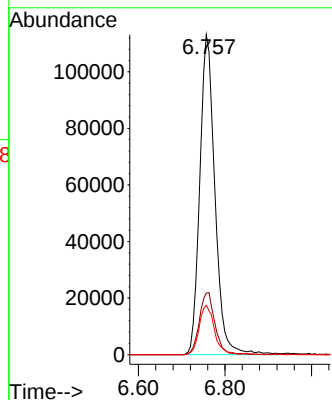
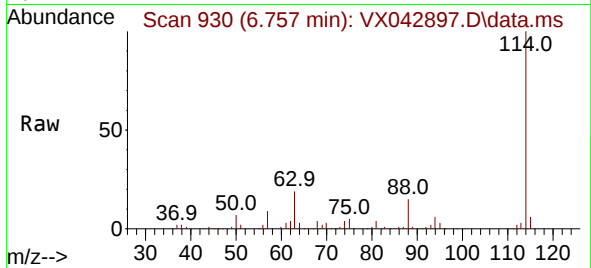




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

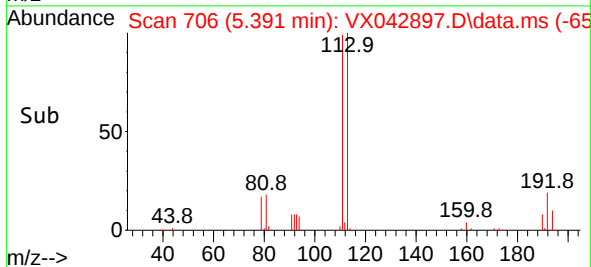
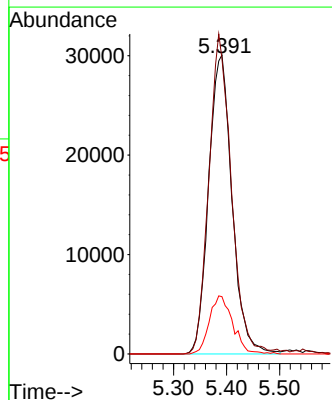
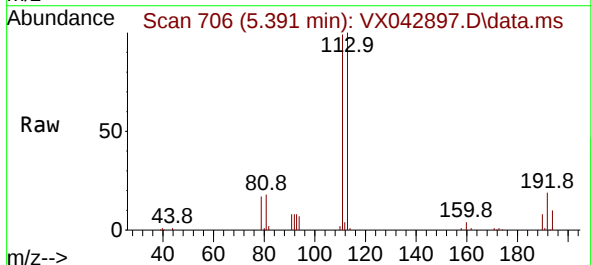
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-12-12.5-072024ME

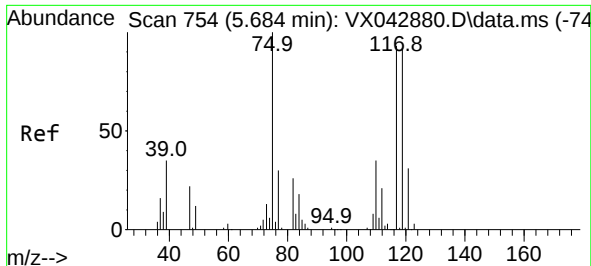
Tgt Ion:114 Resp: 274842
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.294 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

Tgt Ion:113 Resp: 92177
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.5 13.3 19.9

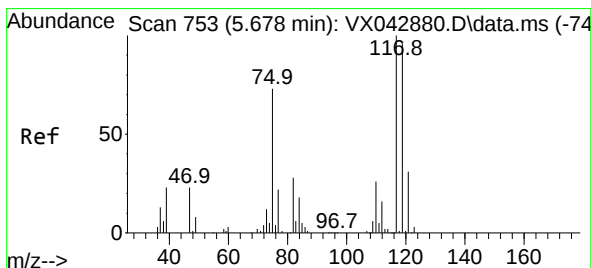
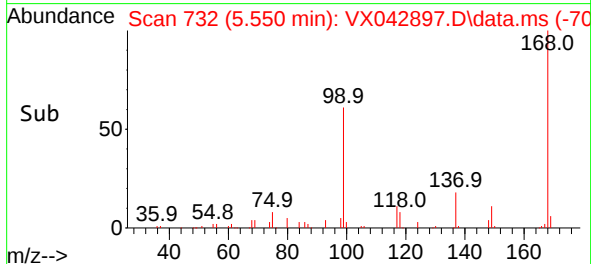
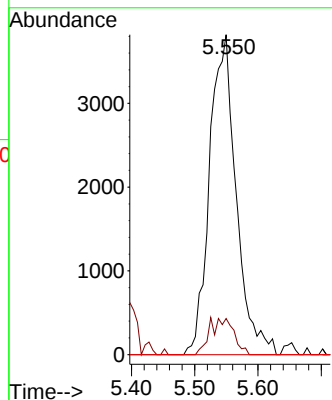
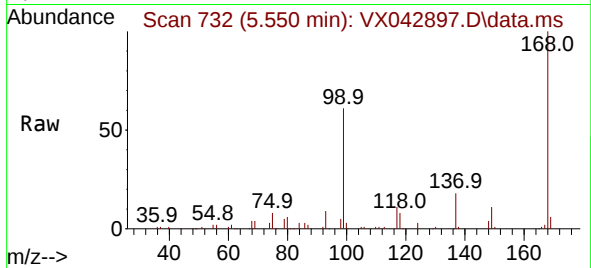




#36
1,1-Dichloropropene
Concen: 4.576 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

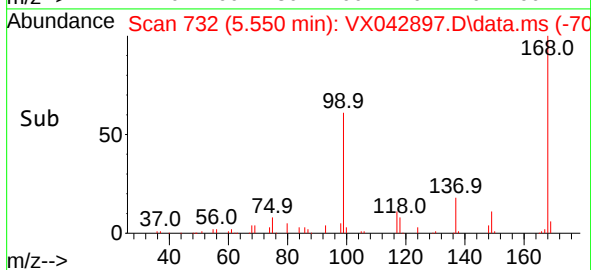
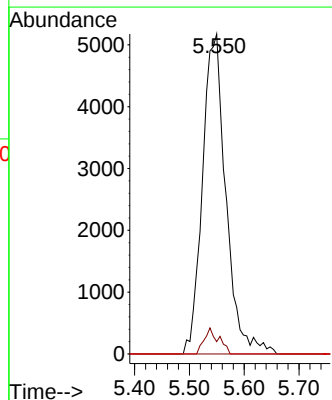
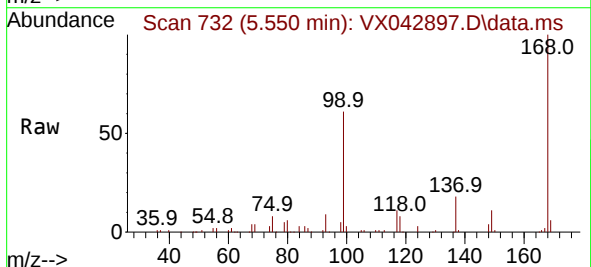
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-12-12.5-072024ME

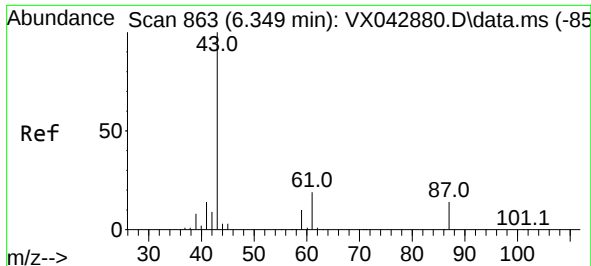
Tgt Ion: 75 Resp: 11150
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

Tgt Ion: 117 Resp: 15361
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.245 ug/l

RT: 6.385 min Scan# 869

Delta R.T. 0.036 min

Lab File: VX042897.D

Acq: 07 Aug 2024 03:39

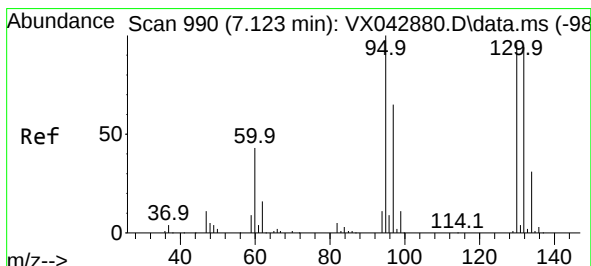
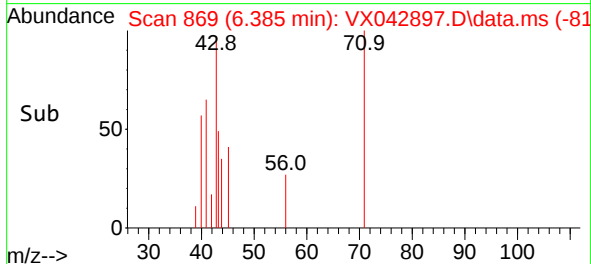
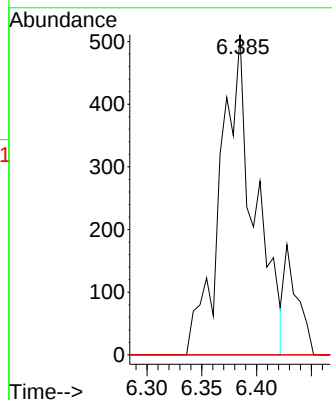
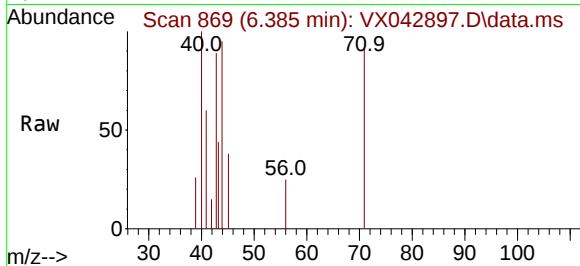
Instrument :

MSVOA_X

ClientSampleId :

S-864-K2-SO-12-12.5-072024ME

Tgt Ion: 43	Resp: 1103
Ion Ratio	Lower Upper
43	100
61	0.0 15.2 22.8#
87	0.0 9.8 14.6#



#44

Trichloroethene

Concen: 7.426 ug/l

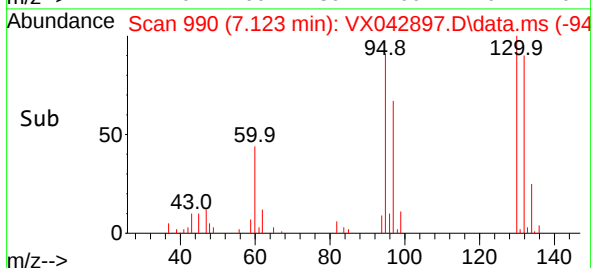
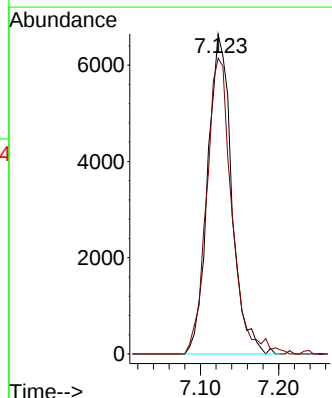
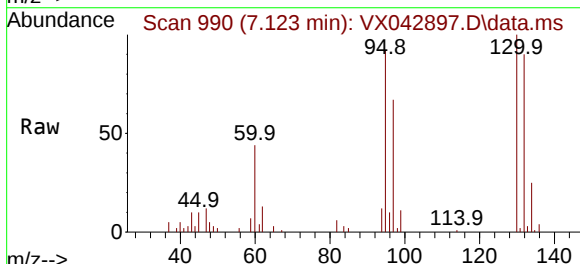
RT: 7.123 min Scan# 990

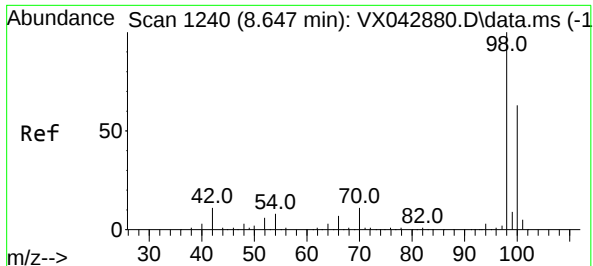
Delta R.T. -0.000 min

Lab File: VX042897.D

Acq: 07 Aug 2024 03:39

Tgt Ion: 130	Resp: 14109
Ion Ratio	Lower Upper
130	100
95	92.4 0.0 204.4

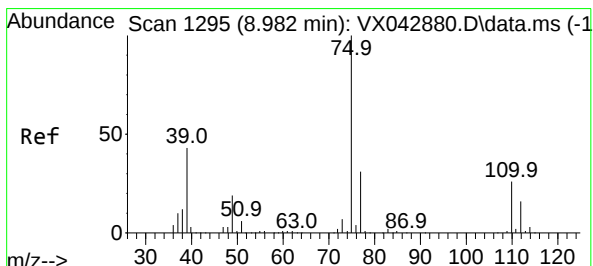
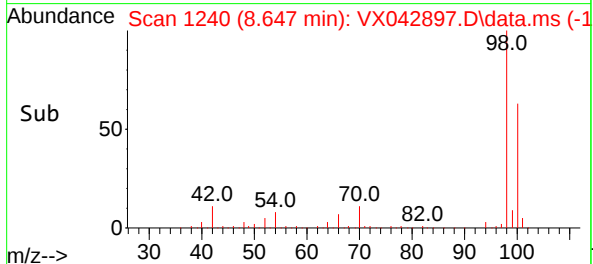
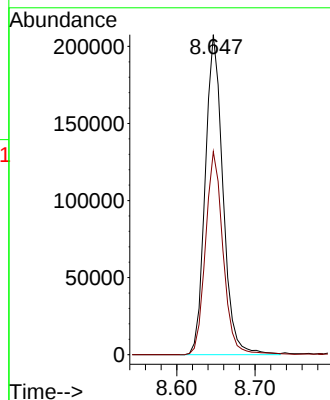
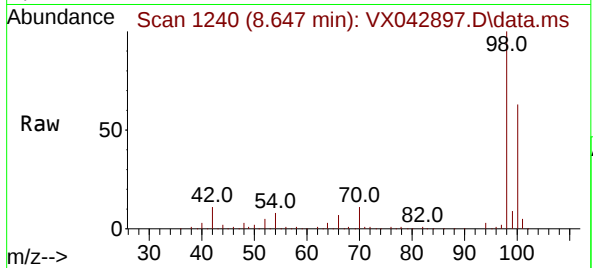




#50
Toluene-d8
Concen: 51.015 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

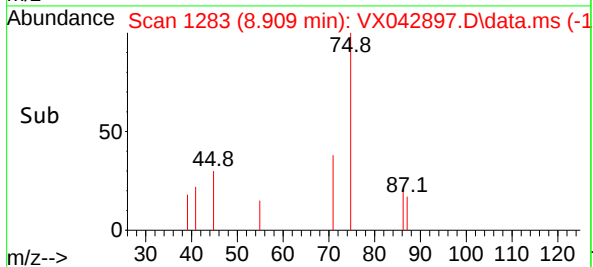
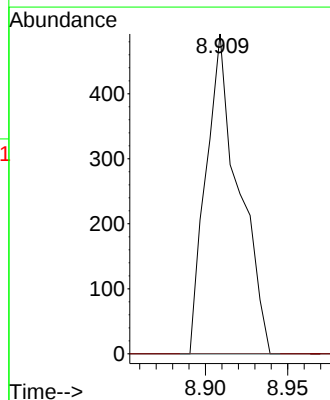
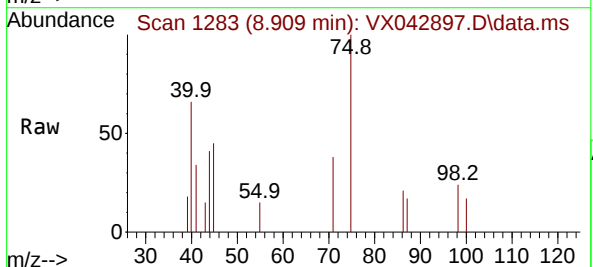
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-12-12.5-072024ME

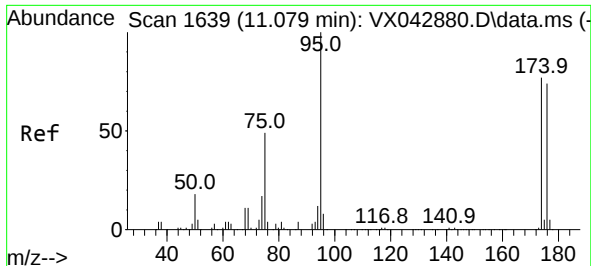
Tgt Ion: 98 Resp: 325452
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#53
t-1,3-Dichloropropene
Concen: 0.281 ug/l
RT: 8.909 min Scan# 1283
Delta R.T. -0.073 min
Lab File: VX042897.D
Acq: 07 Aug 2024 03:39

Tgt Ion: 75 Resp: 681
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#





#62

4-Bromofluorobenzene

Concen: 51.990 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042897.D

Acq: 07 Aug 2024 03:39

Instrument :

MSVOA_X

ClientSampleId :

S-864-K2-SO-12-12.5-072024ME

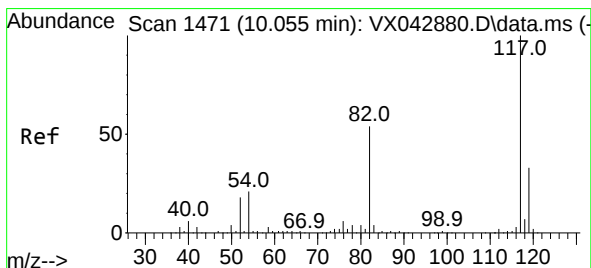
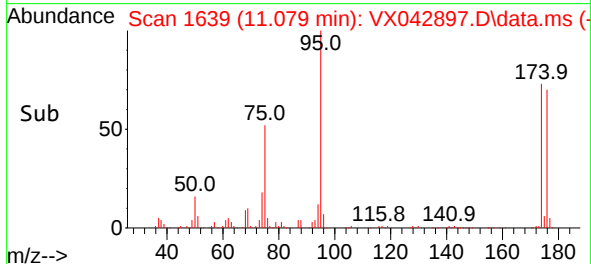
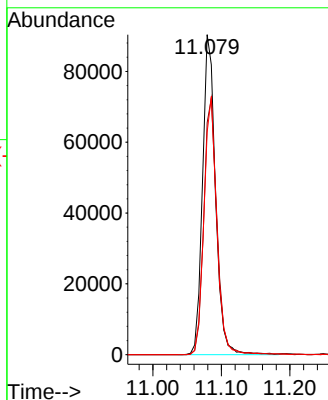
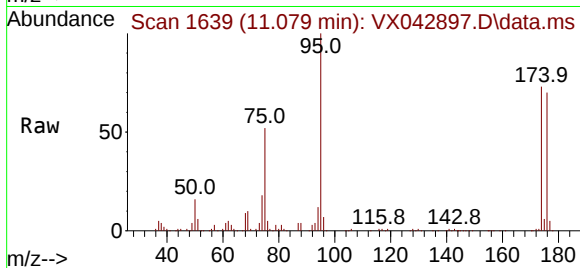
Tgt Ion: 95 Resp: 119187

Ion Ratio Lower Upper

95 100

174 81.7 0.0 135.6

176 80.2 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: VX042897.D

Acq: 07 Aug 2024 03:39

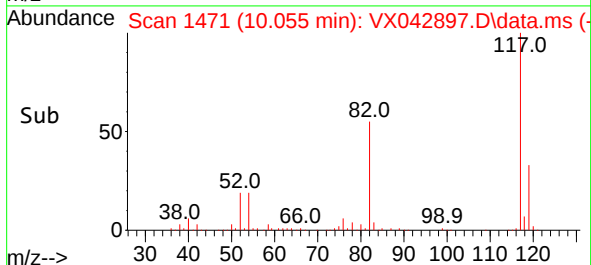
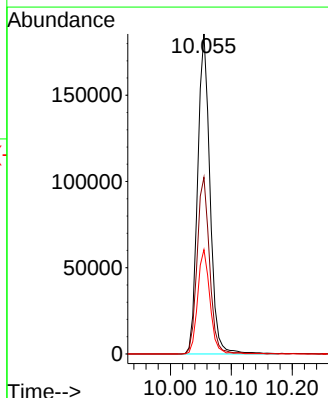
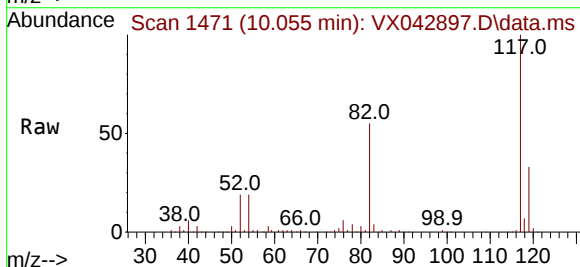
Tgt Ion: 117 Resp: 261010

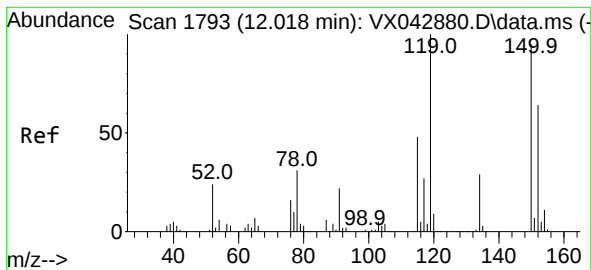
Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042897.D

Acq: 07 Aug 2024 03:39

Instrument :

MSVOA_X

ClientSampleId :

S-864-K2-SO-12-12.5-072024ME

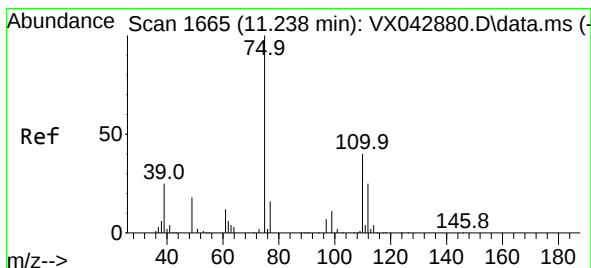
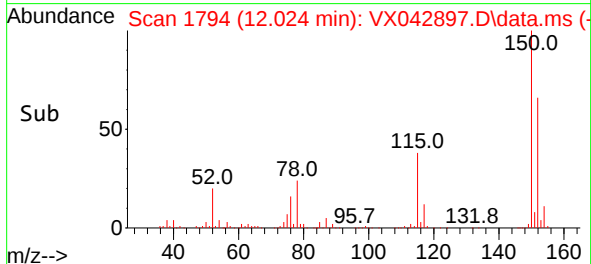
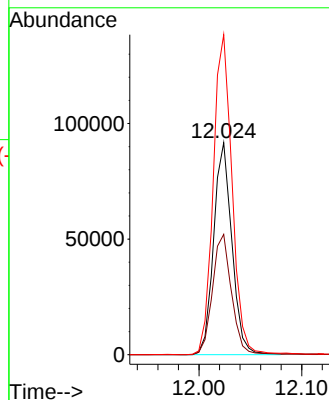
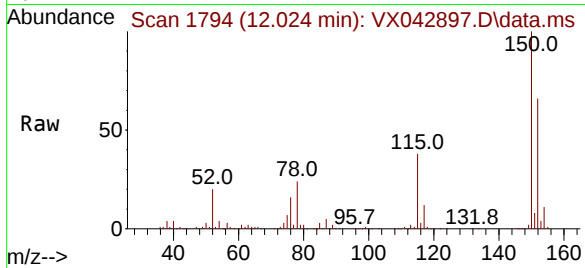
Tgt Ion:152 Resp: 112727

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.424 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042897.D

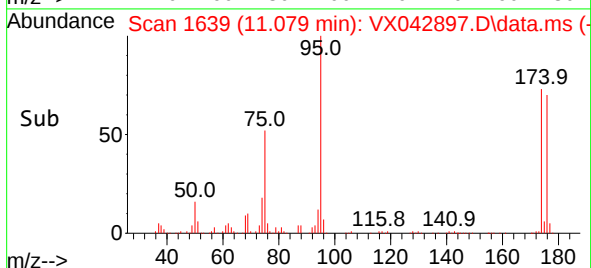
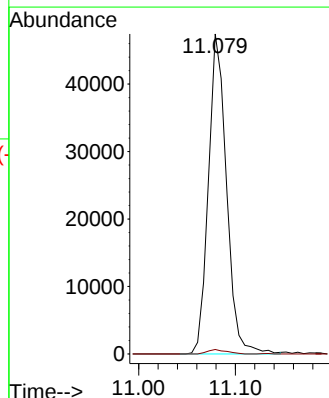
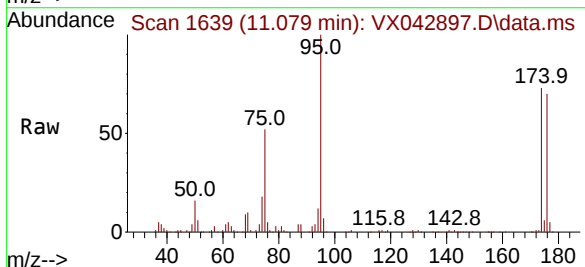
Acq: 07 Aug 2024 03:39

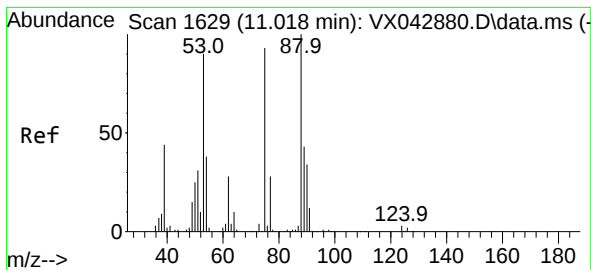
Tgt Ion: 75 Resp: 61920

Ion Ratio Lower Upper

75 100

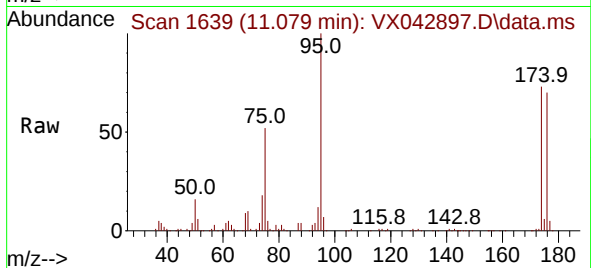
77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.416 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042897.D
 Acq: 07 Aug 2024 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 S-864-K2-SO-12-12.5-072024ME



Tgt Ion: 75 Resp: 61920
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

