

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042894.D
 Acq On : 07 Aug 2024 02:29
 Operator : JC/MD
 Sample : P3448-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP5

Quant Time: Aug 07 06:32:37 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)

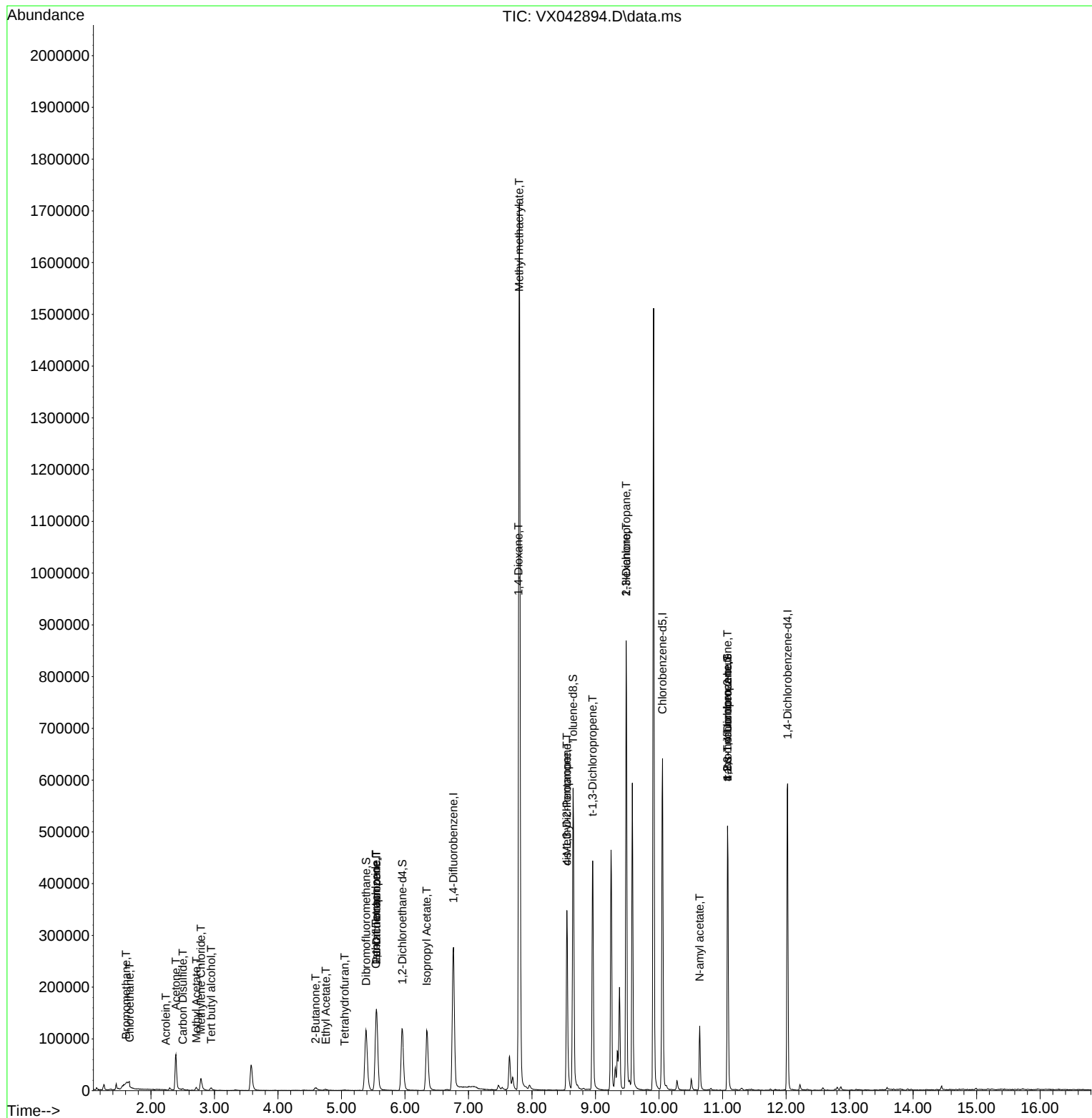
Internal Standards						
1) Pentafluorobenzene	5.550	168	151764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120713	57.940	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.880%	
35) Dibromofluoromethane	5.385	113	102772	54.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.200%	
50) Toluene-d8	8.647	98	361184	53.554	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	11.079	95	138201	57.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.040%	
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	541	0.529	ug/l	93
6) Chloroethane	1.666	64	299	0.310	ug/l #	43
11) Tert butyl alcohol	2.947	59	2895	6.986	ug/l #	78
13) Acrolein	2.233	56	236	0.578	ug/l #	6
16) Acetone	2.392	43	81329	89.999	ug/l	95
17) Carbon Disulfide	2.502	76	3114	0.765	ug/l	100
18) Methyl Acetate	2.715	43	7560	2.638	ug/l	98
20) Methylene Chloride	2.788	84	13883	6.567	ug/l	87
25) 2-Butanone	4.593	43	10886	7.671	ug/l	96
29) Tetrahydrofuran	5.050	42	1155	1.204	ug/l #	80
36) 1,1-Dichloropropene	5.550	75	11914	4.626	ug/l #	51
37) Ethyl Acetate	4.751	43	3330	1.033	ug/l #	94
38) Carbon Tetrachloride	5.544	117	16265	5.594	ug/l #	17
43) Isopropyl Acetate	6.342	43	161494	33.884	ug/l	97
48) Methyl methacrylate	7.799	41	147196	64.409	ug/l #	47
49) 1,4-Dioxane	7.787	88	360	7.096	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	121011	37.905	ug/l #	53
53) t-1,3-Dichloropropene	8.952	75	1053	0.412	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	55870	19.780	ug/l #	52
57) 1,3-Dichloropropane	9.482	76	7805	2.417	ug/l #	42
59) 2-Hexanone	9.482	43	102960	41.621	ug/l #	55
74) N-amyl acetate	10.640	43	30231	7.276	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	71941	25.046	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	71941	81.437	ug/l #	5

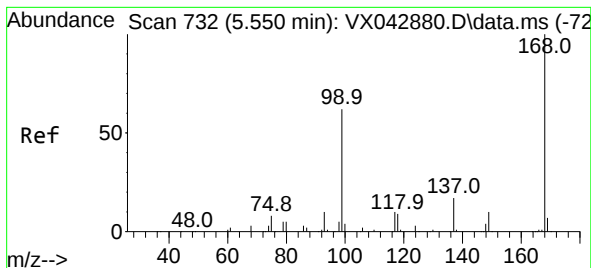
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX042894.D

Acq: 07 Aug 2024 02:29

Instrument :

MSVOA_X

ClientSampleId :

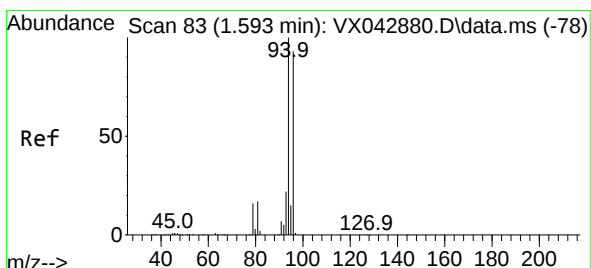
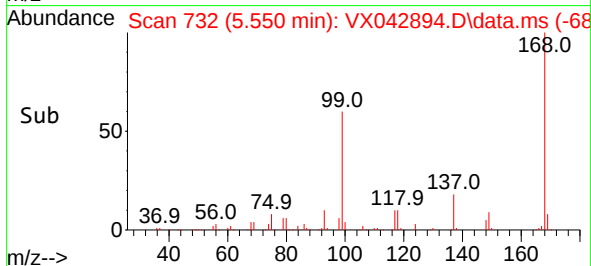
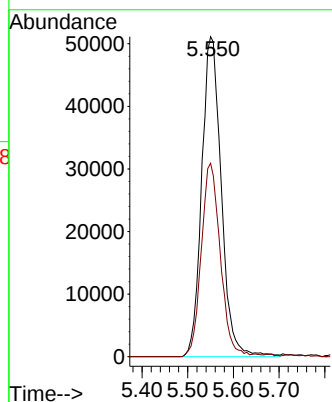
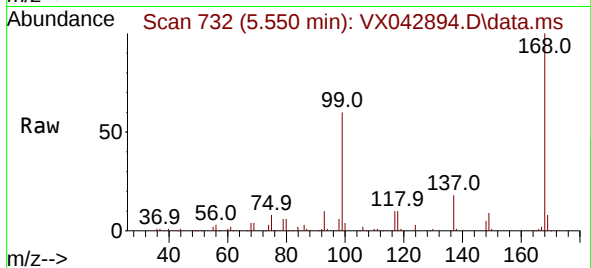
TP5

Tgt Ion:168 Resp: 151764

Ion Ratio Lower Upper

168 100

99 60.5 56.6 85.0



#5

Bromomethane

Concen: 0.529 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.012 min

Lab File: VX042894.D

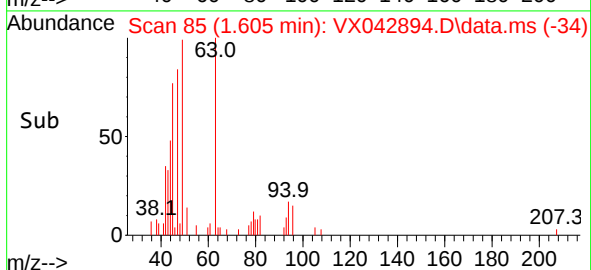
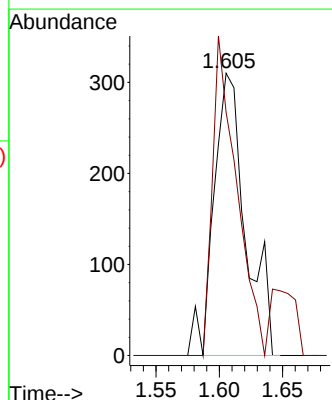
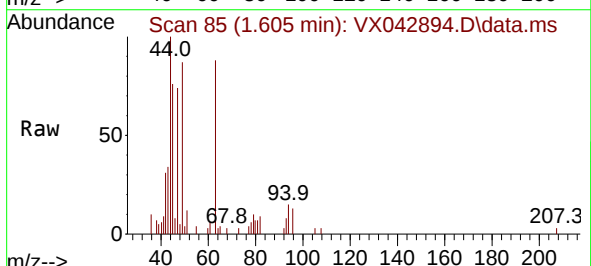
Acq: 07 Aug 2024 02:29

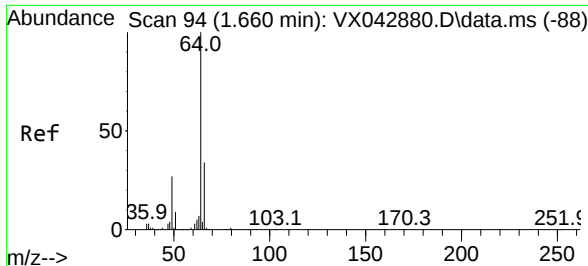
Tgt Ion: 94 Resp: 541

Ion Ratio Lower Upper

94 100

96 86.1 74.6 111.8

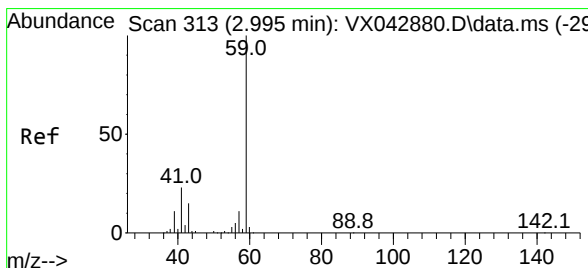
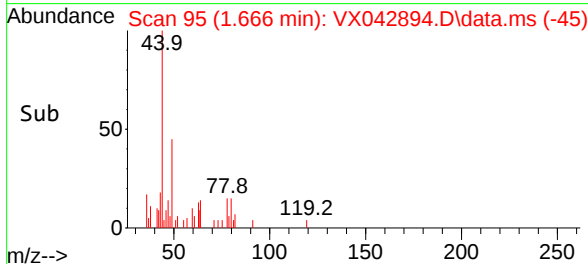
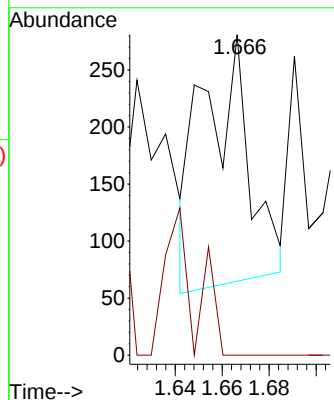
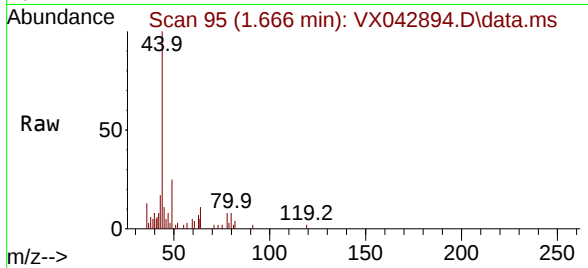




#6
Chloroethane
Concen: 0.310 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

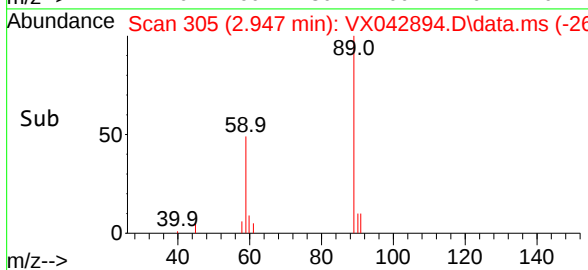
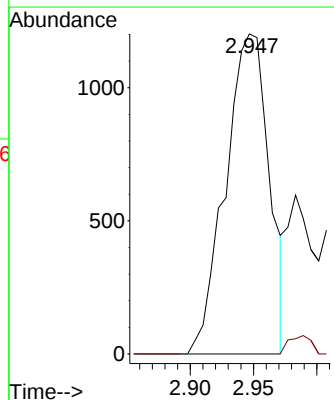
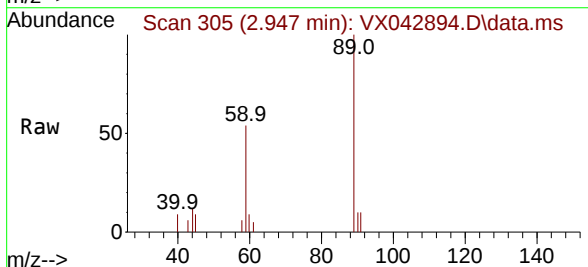
Instrument :
MSVOA_X
ClientSampleId :
TP5

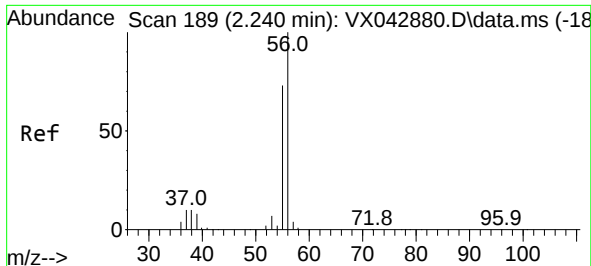
Tgt Ion: 64 Resp: 299
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 6.986 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Tgt Ion: 59 Resp: 2895
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.578 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX042894.D

Acq: 07 Aug 2024 02:29

Instrument :

MSVOA_X

ClientSampleId :

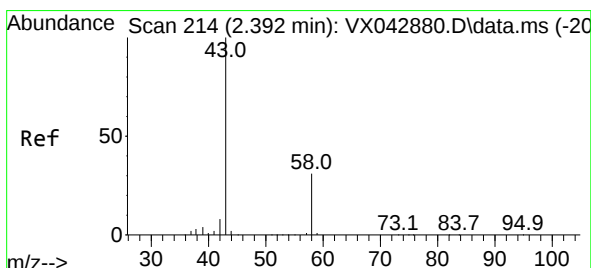
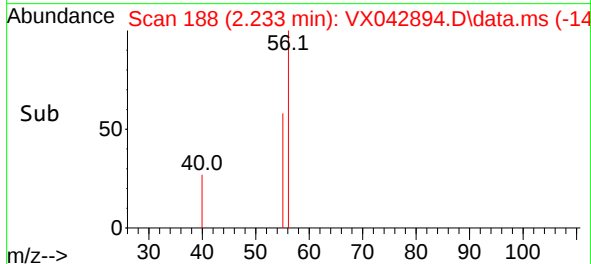
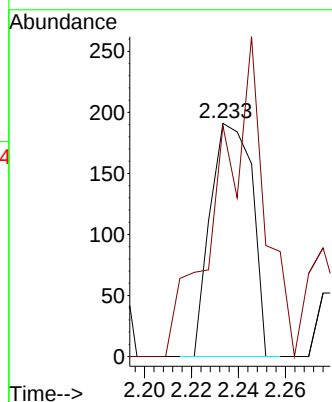
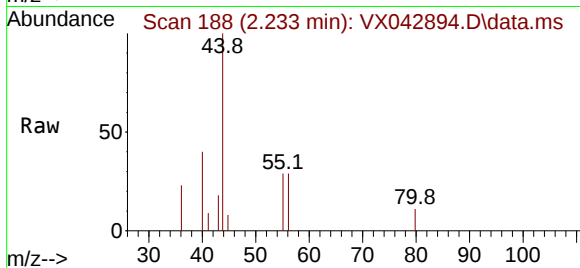
TP5

Tgt Ion: 56 Resp: 236

Ion Ratio Lower Upper

56 100

55 149.2 57.1 85.7#



#16

Acetone

Concen: 89.999 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042894.D

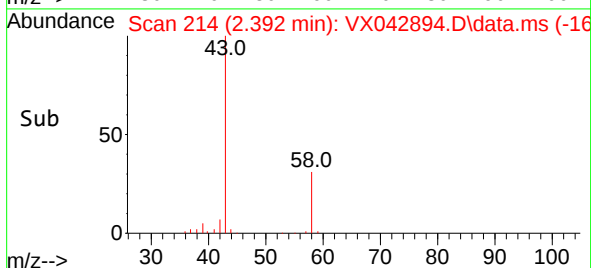
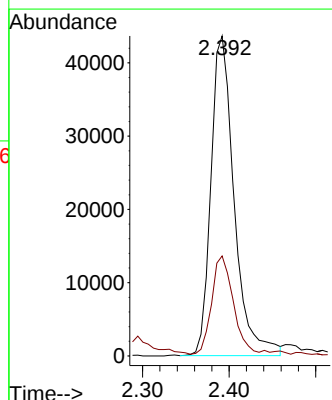
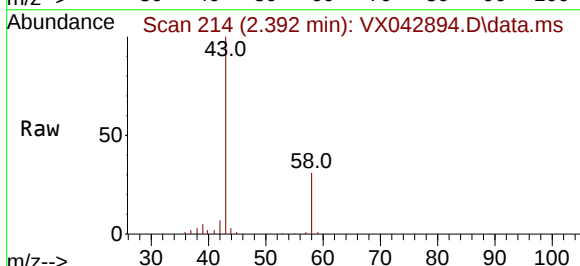
Acq: 07 Aug 2024 02:29

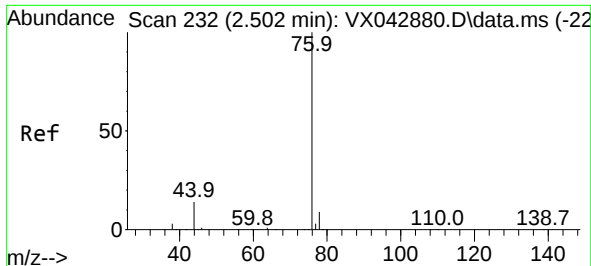
Tgt Ion: 43 Resp: 81329

Ion Ratio Lower Upper

43 100

58 30.1 21.9 32.9





#17

Carbon Disulfide

Concen: 0.765 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX042894.D

Acq: 07 Aug 2024 02:29

Instrument :

MSVOA_X

ClientSampleId :

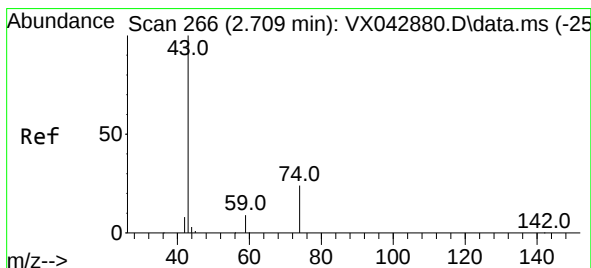
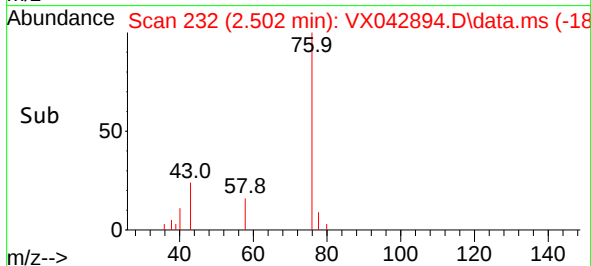
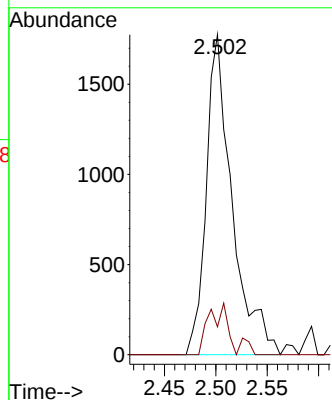
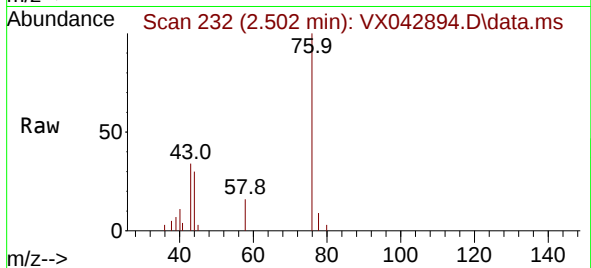
TP5

Tgt Ion: 76 Resp: 3114

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



#18

Methyl Acetate

Concen: 2.638 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX042894.D

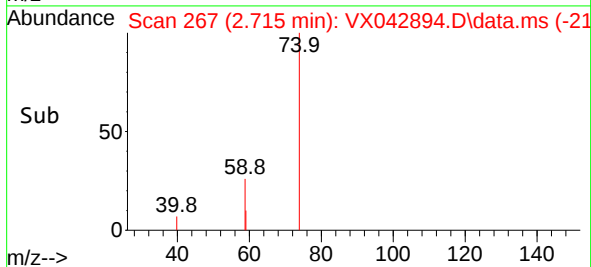
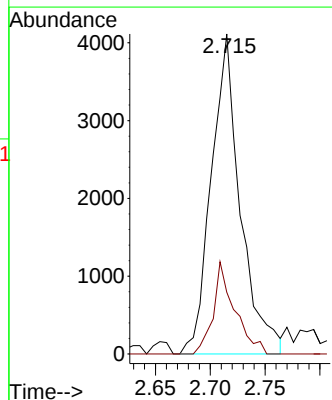
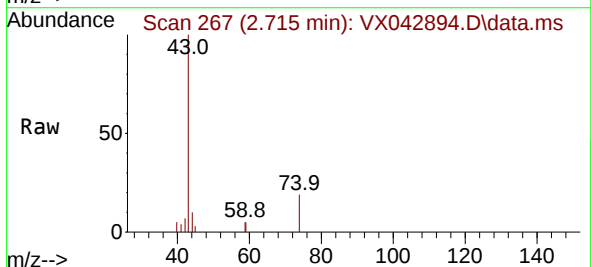
Acq: 07 Aug 2024 02:29

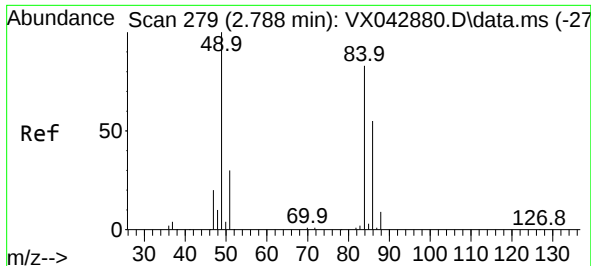
Tgt Ion: 43 Resp: 7560

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.8





#20

Methylene Chloride

Concen: 6.567 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042894.D

Acq: 07 Aug 2024 02:29

Instrument :

MSVOA_X

ClientSampleId :

TP5

Tgt Ion: 84 Resp: 13883

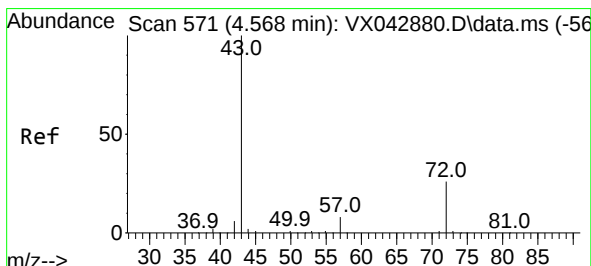
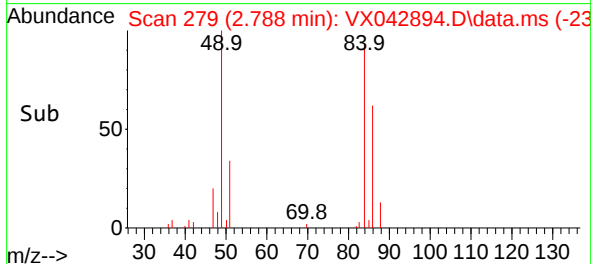
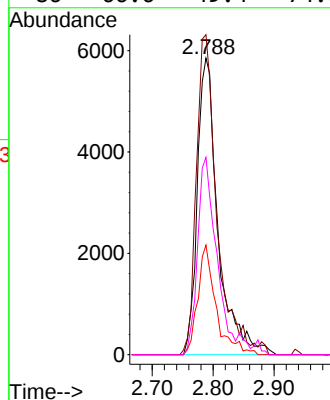
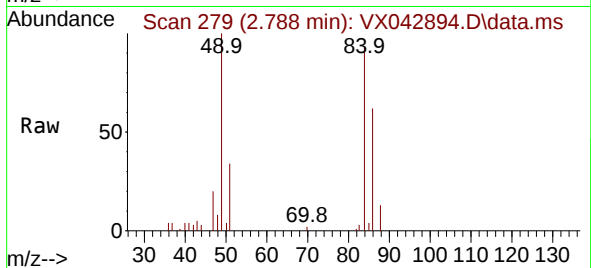
Ion Ratio Lower Upper

84 100

49 107.9 103.6 155.4

51 37.0 33.8 50.6

86 66.6 49.4 74.0



#25

2-Butanone

Concen: 7.671 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.024 min

Lab File: VX042894.D

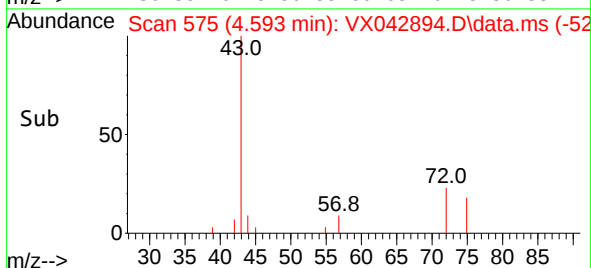
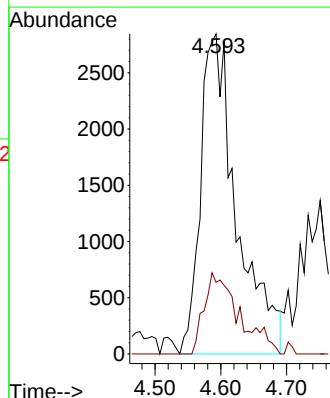
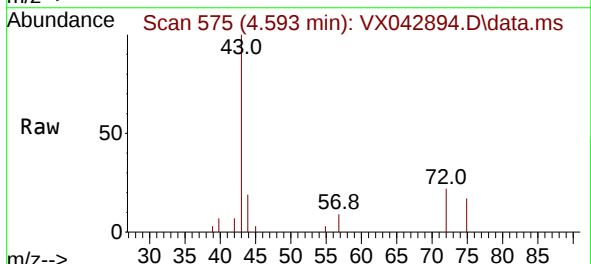
Acq: 07 Aug 2024 02:29

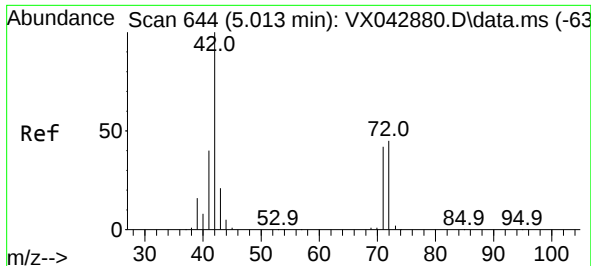
Tgt Ion: 43 Resp: 10886

Ion Ratio Lower Upper

43 100

72 22.4 19.4 29.2





#29

Tetrahydrofuran

Concen: 1.204 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX042894.D

Acq: 07 Aug 2024 02:29

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ClientSampleId :

TP5

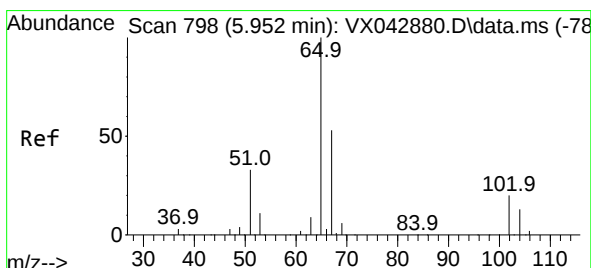
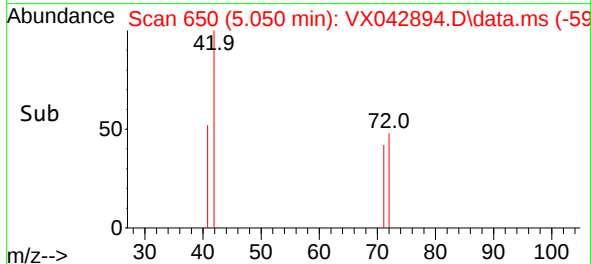
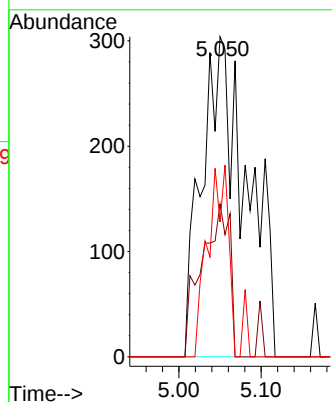
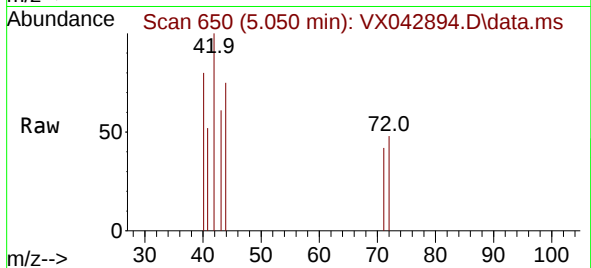
Tgt Ion: 42 Resp: 1155

Ion Ratio Lower Upper

42 100

72 30.0 34.2 51.4#

71 27.3 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 57.940 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX042894.D

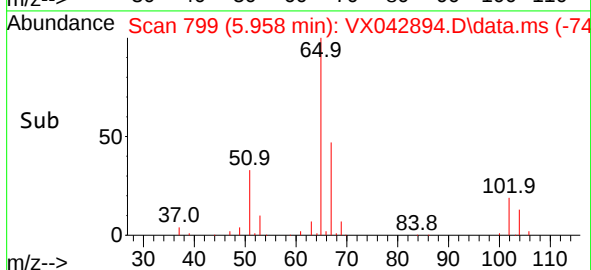
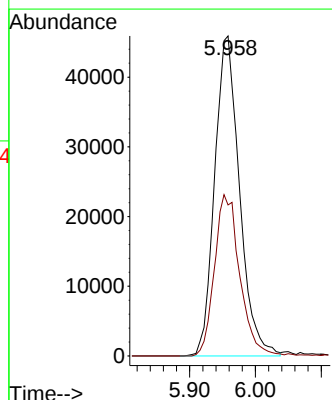
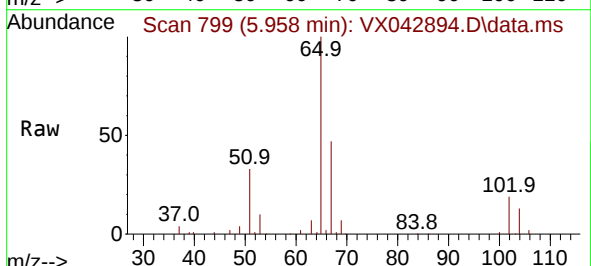
Acq: 07 Aug 2024 02:29

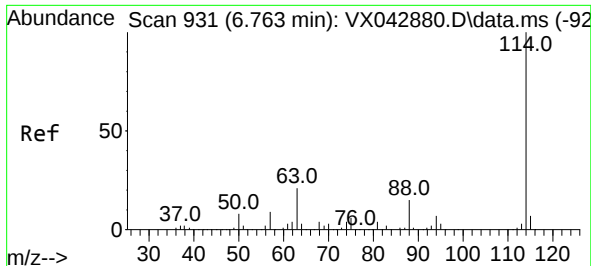
Tgt Ion: 65 Resp: 120713

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2

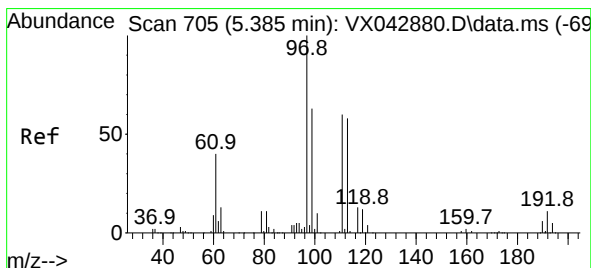
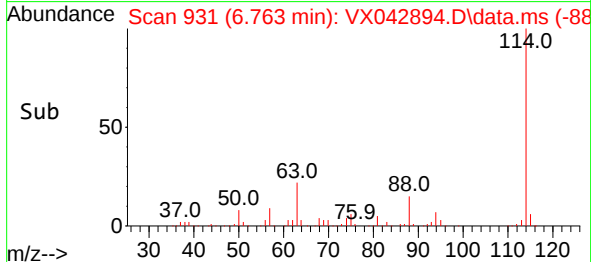
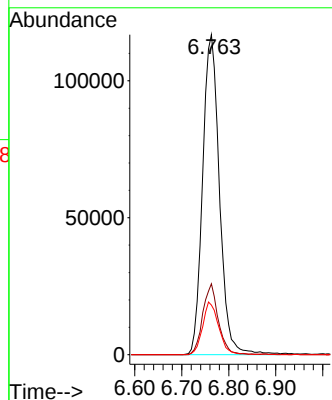
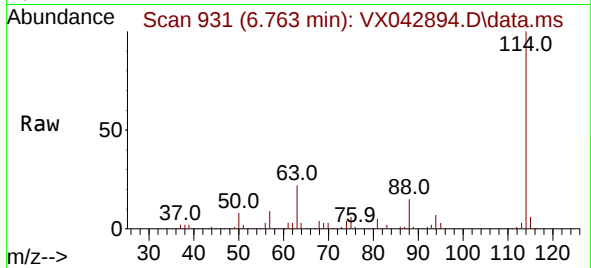




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

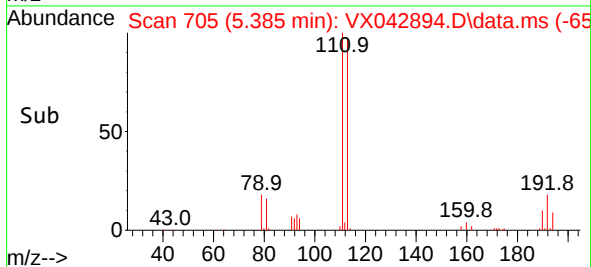
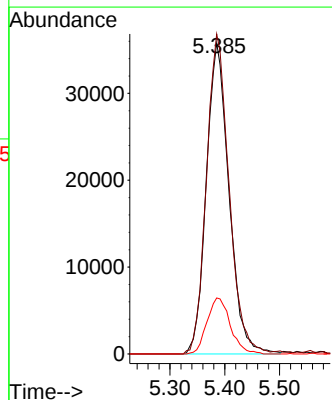
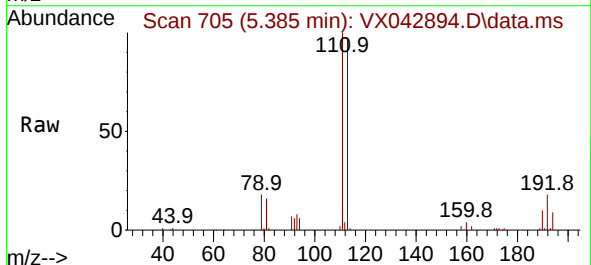
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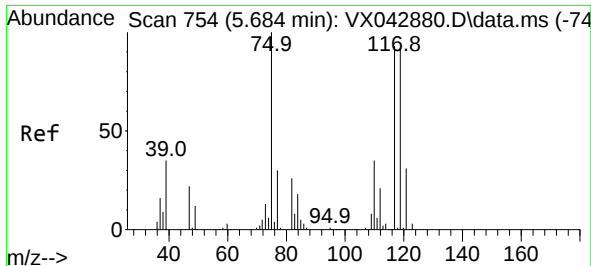
Tgt Ion:114 Resp: 290552
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.097 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Tgt Ion:113 Resp: 102772
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.5 13.3 19.9

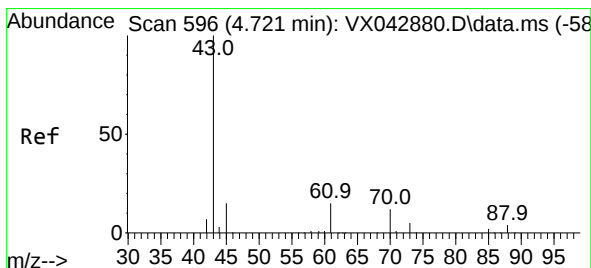
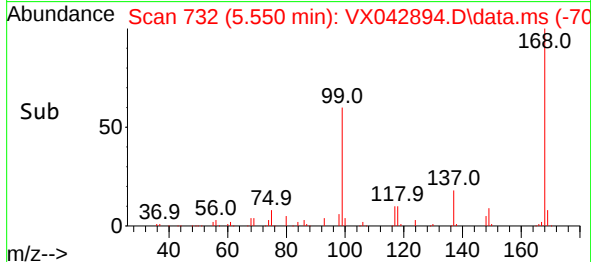
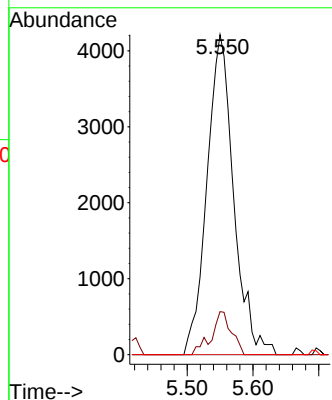
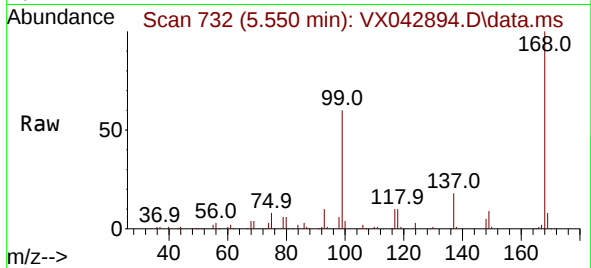




#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

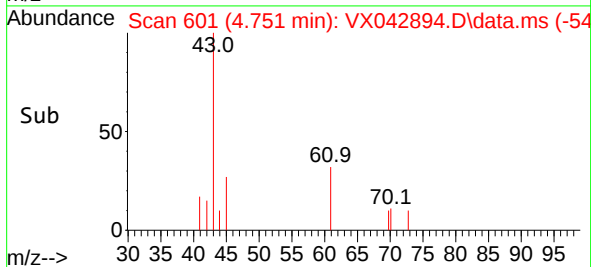
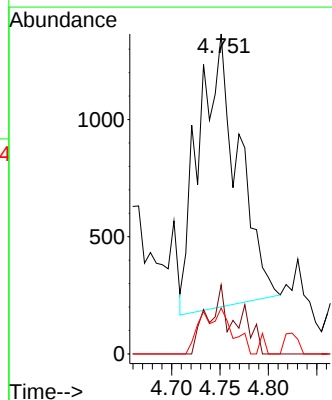
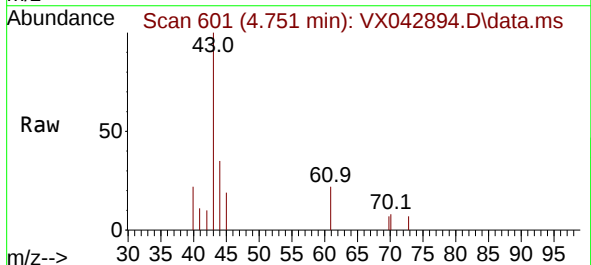
Instrument :
MSVOA_X
ClientSampleId :
TP5

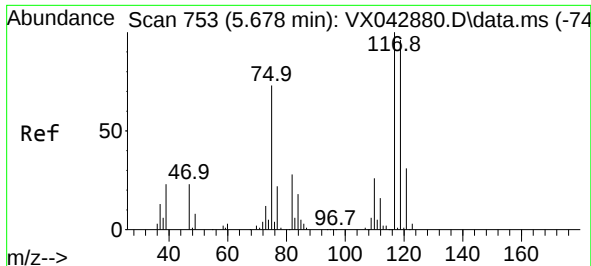
Tgt Ion: 75 Resp: 11914
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.033 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.030 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

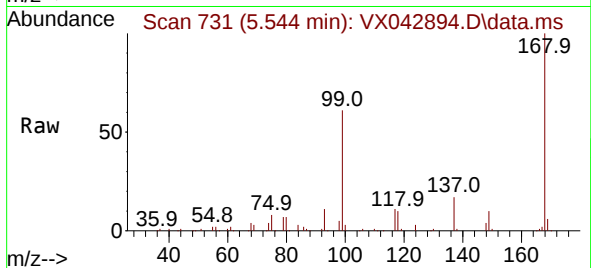
Tgt Ion: 43 Resp: 3330
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 5.3 8.3 12.5#



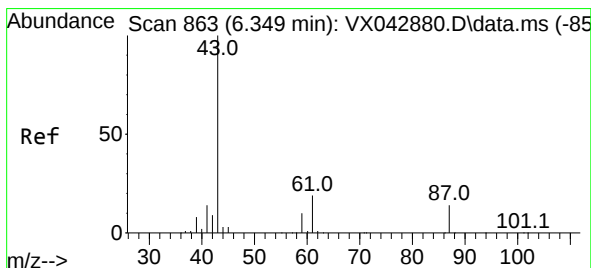
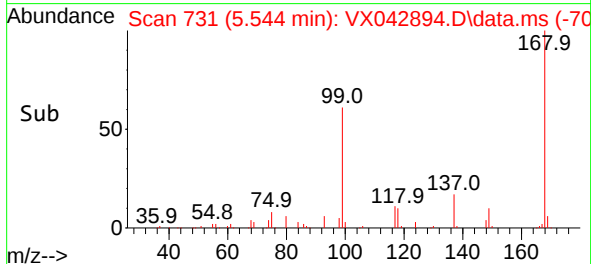
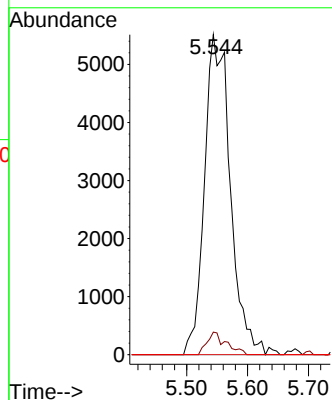


#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Instrument :
MSVOA_X
ClientSampleId :
TP5

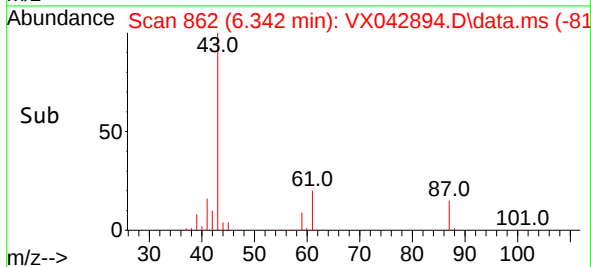
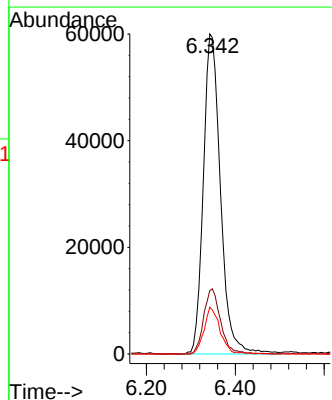
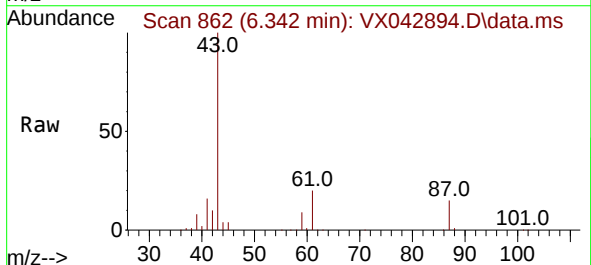


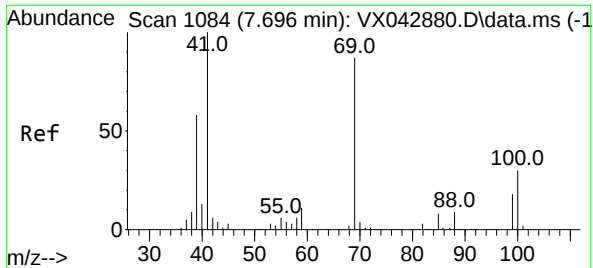
Tgt Ion:117 Resp: 16265
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 33.884 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Tgt Ion: 43 Resp: 161494
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 13.6 9.8 14.6

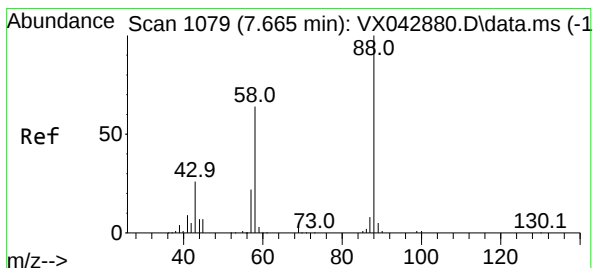
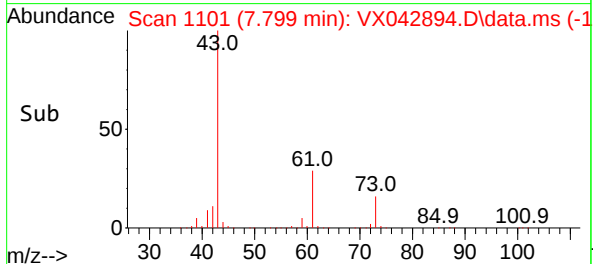
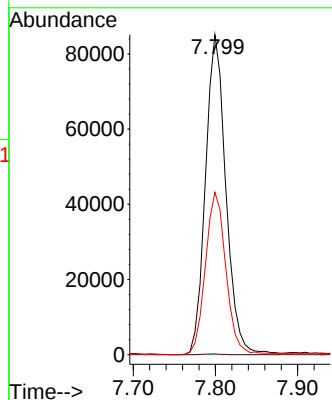
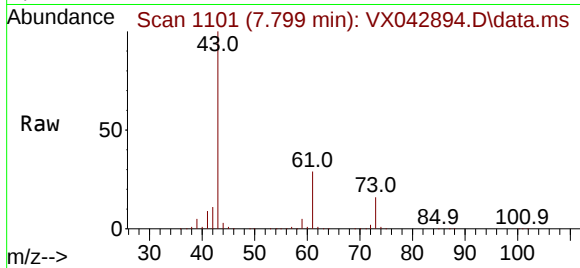




#48
Methyl methacrylate
Concen: 64.409 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

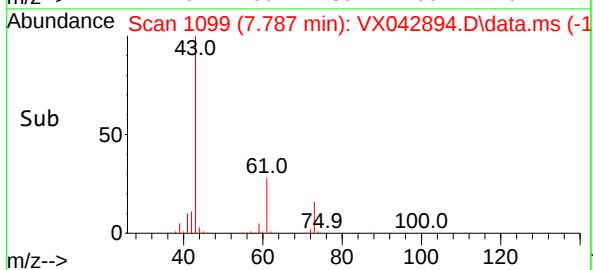
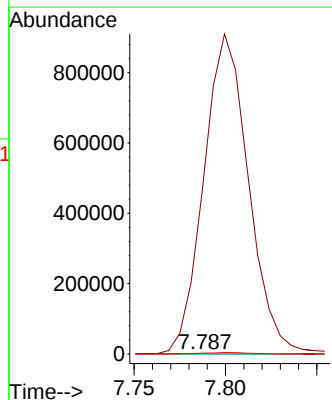
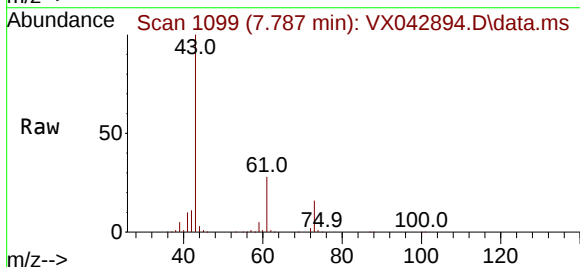
Instrument :
MSVOA_X
ClientSampleId :
TP5

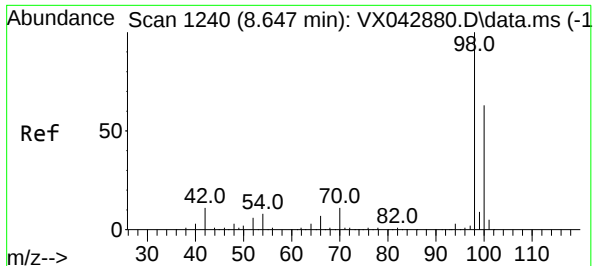
Tgt Ion: 41 Resp: 147196
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 51.1 47.7 71.5



#49
1,4-Dioxane
Concen: 7.096 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.122 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Tgt Ion: 88 Resp: 360
Ion Ratio Lower Upper
88 100
43 437226.9 0.0 0.0#
58 1958.1 60.1 90.1#

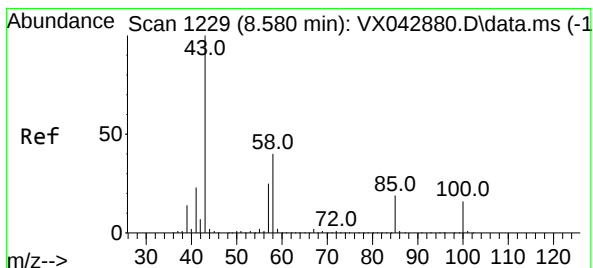
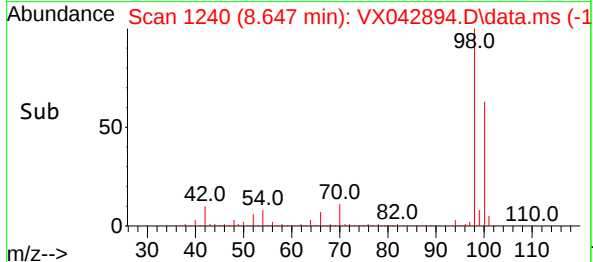
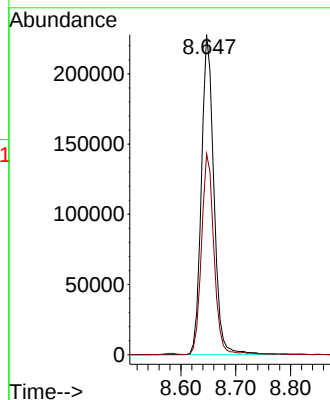
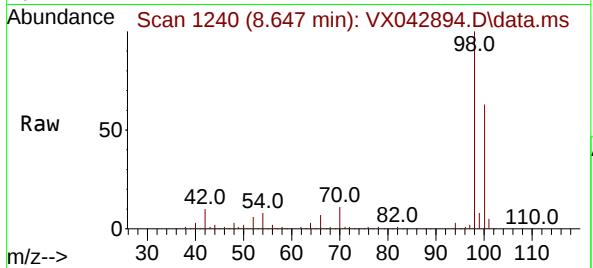




#50
Toluene-d8
Concen: 53.554 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

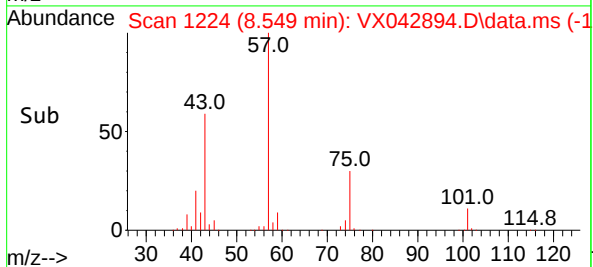
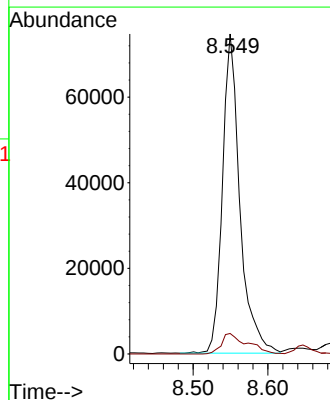
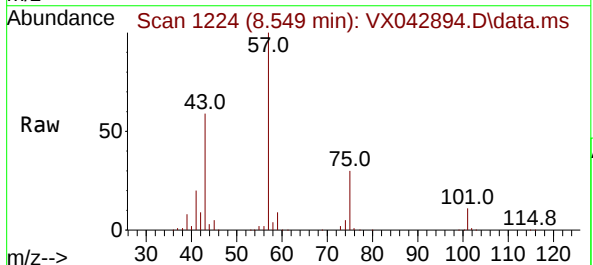
Instrument :
MSVOA_X
ClientSampleId :
TP5

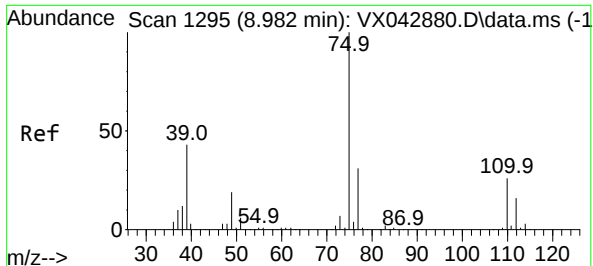
Tgt Ion: 98 Resp: 361184
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 37.905 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Tgt Ion: 43 Resp: 121011
Ion Ratio Lower Upper
43 100
58 9.5 30.4 45.6#

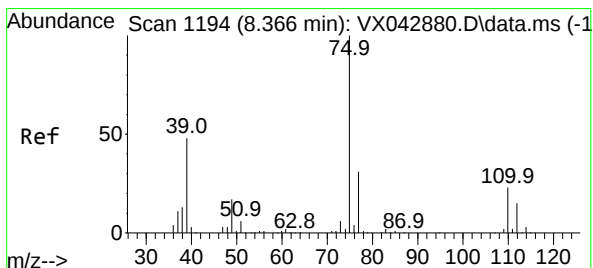
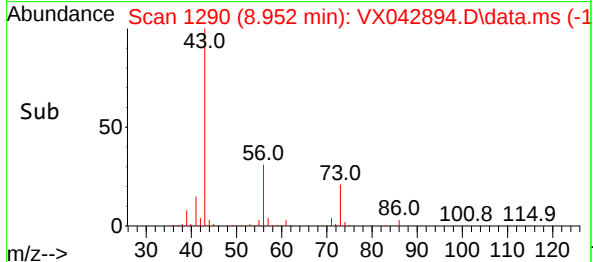
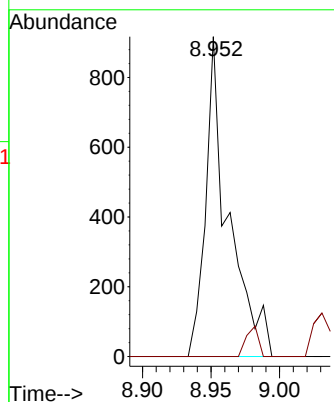
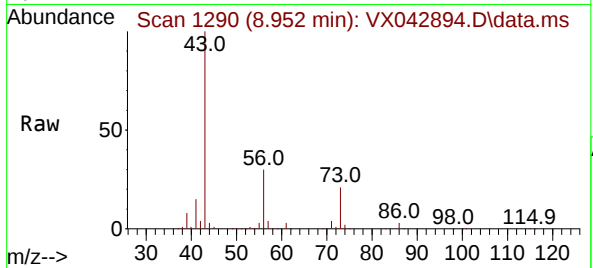




#53
 t-1,3-Dichloropropene
 Concen: 0.412 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.031 min
 Lab File: VX042894.D
 Acq: 07 Aug 2024 02:29

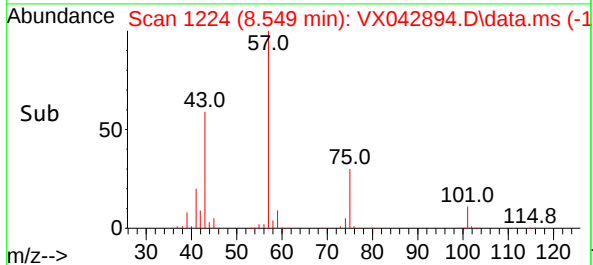
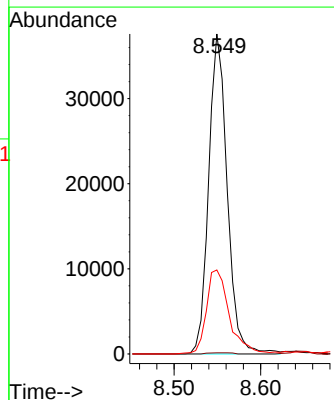
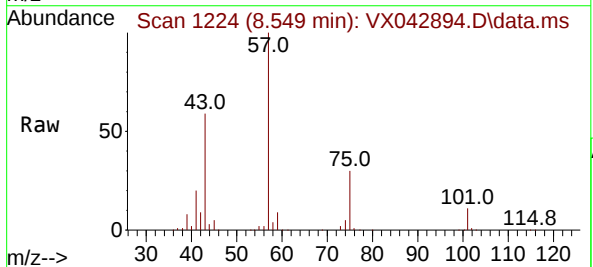
Instrument :
 MSVOA_X
 ClientSampleId :
 TP5

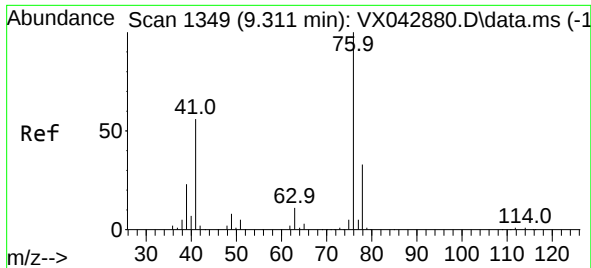
Tgt Ion: 75 Resp: 1053
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 19.780 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX042894.D
 Acq: 07 Aug 2024 02:29

Tgt Ion: 75 Resp: 55870
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.3 37.9#
 39 26.1 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.417 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX042894.D

Acq: 07 Aug 2024 02:29

Instrument :

MSVOA_X

ClientSampleId :

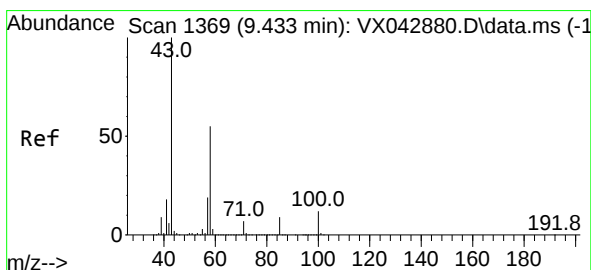
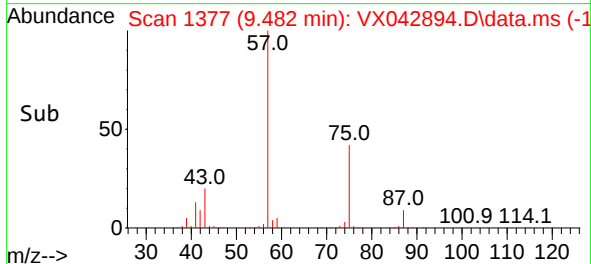
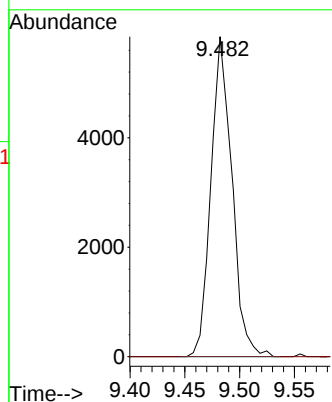
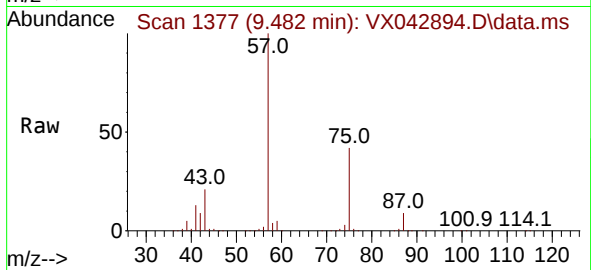
TP5

Tgt Ion: 76 Resp: 7805

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 41.621 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX042894.D

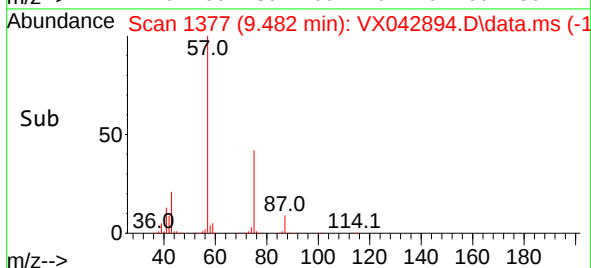
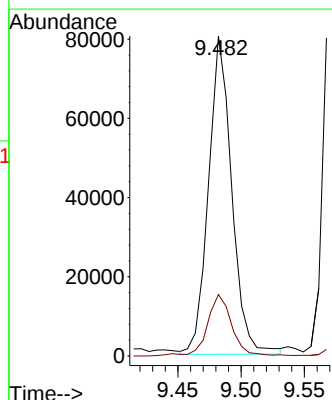
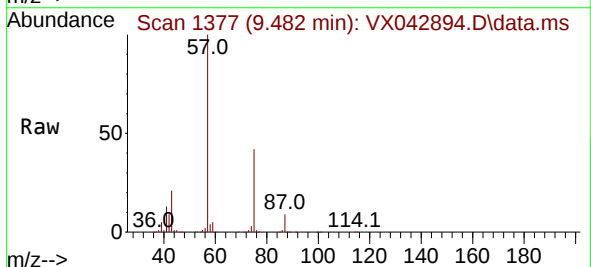
Acq: 07 Aug 2024 02:29

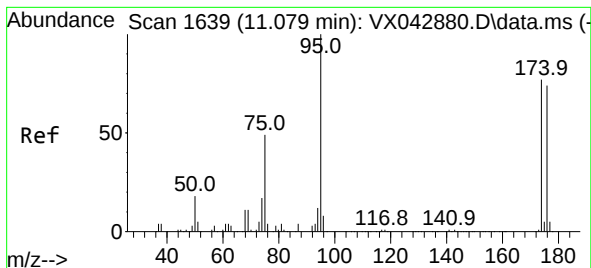
Tgt Ion: 43 Resp: 102960

Ion Ratio Lower Upper

43 100

58 20.3 26.2 78.5#

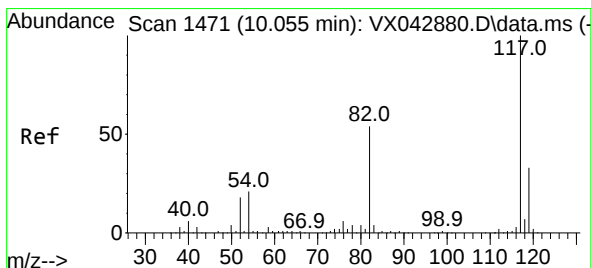
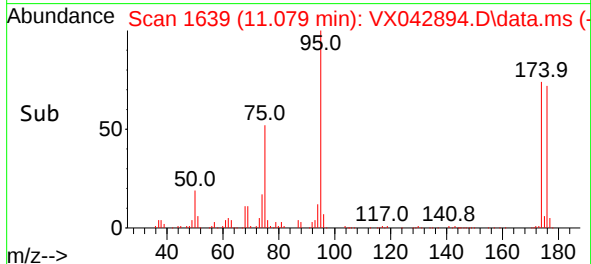
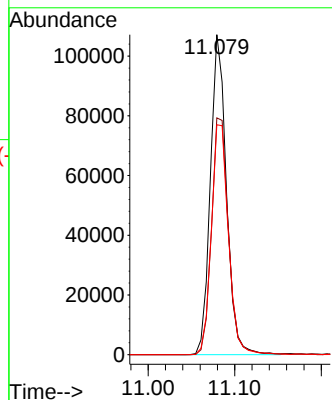
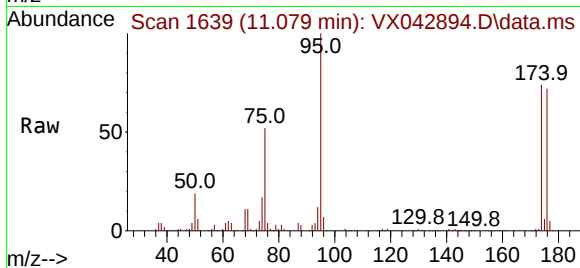




#62
4-Bromofluorobenzene
Concen: 57.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

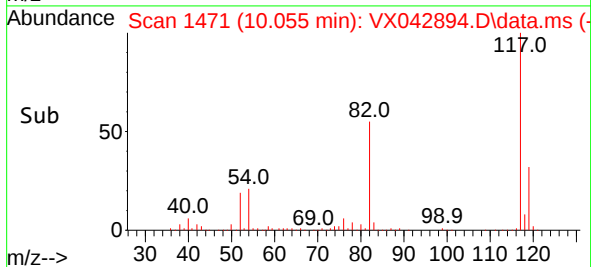
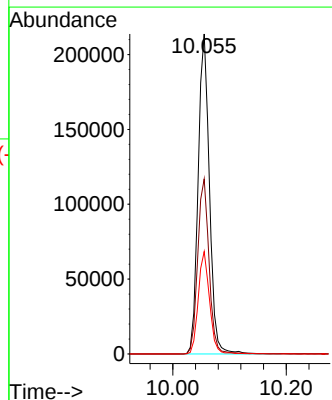
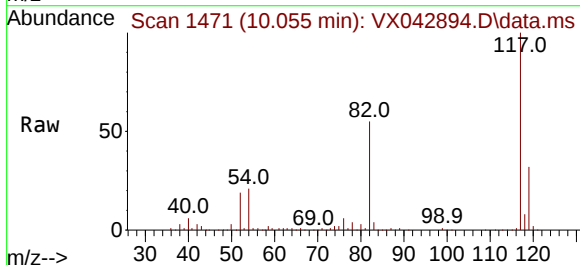
Instrument :
MSVOA_X
ClientSampleId :
TP5

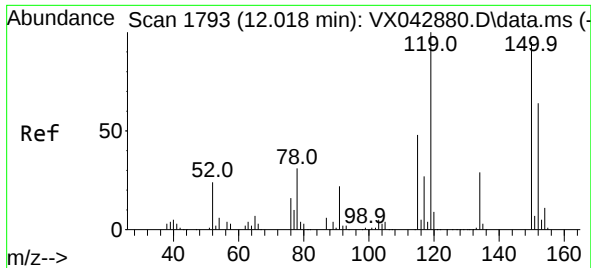
Tgt Ion: 95 Resp: 138201
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 76.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Tgt Ion: 117 Resp: 294623
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.0 25.5 38.3

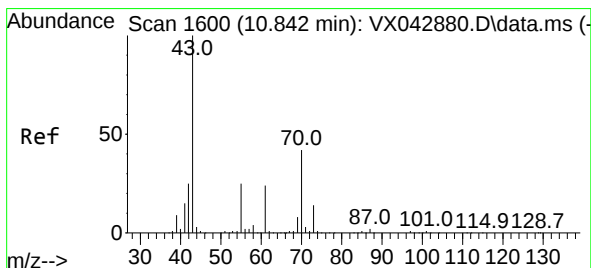
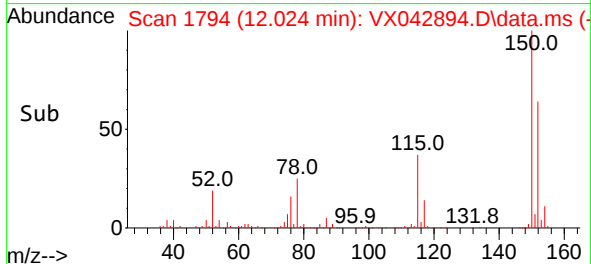
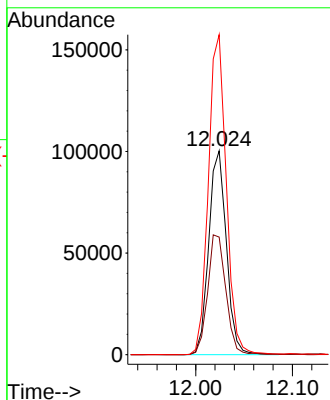
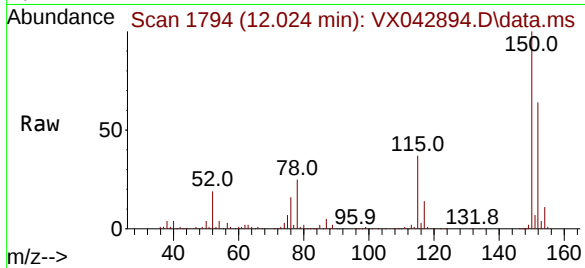




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX042894.D
 Acq: 07 Aug 2024 02:29

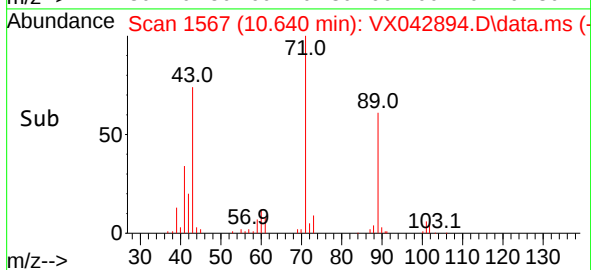
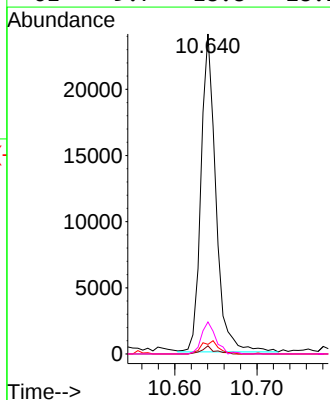
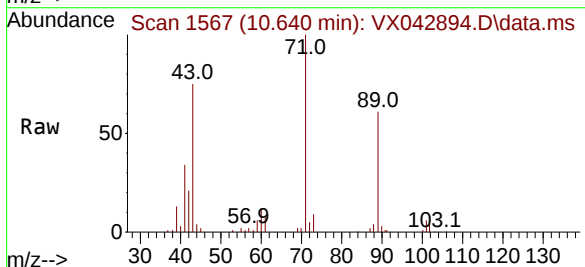
Instrument :
 MSVOA_X
 ClientSampleId :
 TP5

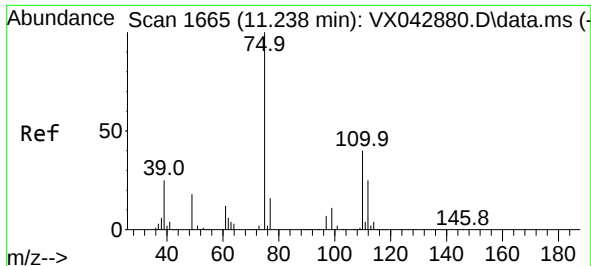
Tgt Ion:152 Resp: 127719
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.3 129.9
 150 158.9 0.0 345.0



#74
 N-ethyl acetate
 Concen: 7.276 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.201 min
 Lab File: VX042894.D
 Acq: 07 Aug 2024 02:29

Tgt Ion: 43 Resp: 30231
 Ion Ratio Lower Upper
 43 100
 70 2.1 32.9 49.3#
 55 4.7 19.3 28.9#
 61 9.7 18.8 28.2#

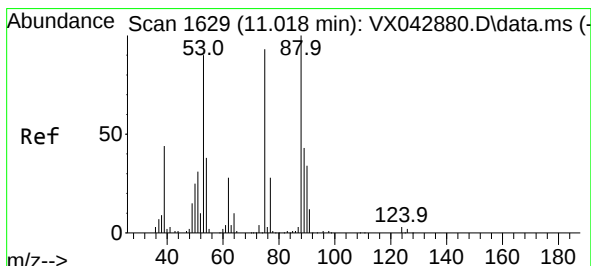
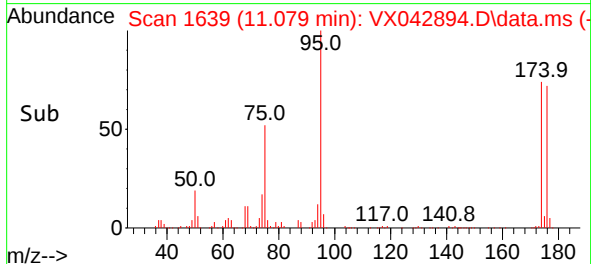
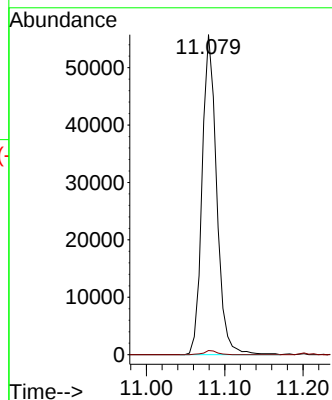
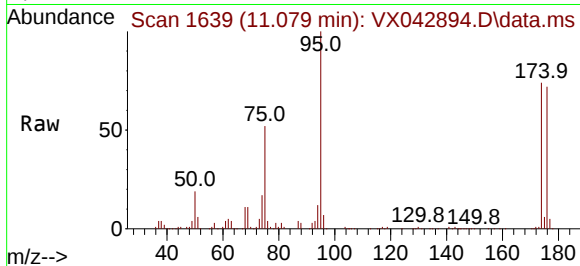




#76
1,2,3-Trichloropropane
Concen: 25.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Instrument :
MSVOA_X
ClientSampleId :
TP5

Tgt Ion: 75 Resp: 71941
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042894.D
Acq: 07 Aug 2024 02:29

Tgt Ion: 75 Resp: 71941
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

