

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042301.D
 Acq On : 12 Jul 2024 14:39
 Operator : JC/MD
 Sample : P3220-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 03:27:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	23525	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	133025	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	123806	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	47953	29.611	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.700%
60) 4-Bromofluorobenzene	11.079	95	56255	29.354	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.833%
63) Toluene-d8	8.647	98	154100	29.093	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.967%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	679	0.408	ug/l #	87
5) Bromomethane	1.593	94	318	0.357	ug/l #	54
6) Chloroethane	1.660	64	309	0.434	ug/l #	88
8) Diethyl Ether	2.136	74	4673	5.150	ug/l	95
11) Methyl Iodide	2.459	142	385	0.206	ug/l #	44
12) Methyl Acetate	2.703	43	1609	0.878	ug/l	91
15) Acetone	2.386	58	112281	451.149	ug/l	99
16) Carbon Disulfide	2.502	76	9930	3.152	ug/l #	94
22) cis-1,2-Dichloroethene	4.489	96	1522	0.873	ug/l #	50
23) tert-Butyl Alcohol	3.002	59	3810809	11781.642	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	9913	2.229	ug/l #	63
30) 2-Butanone	4.568	43	291838	251.566	ug/l	93
31) 2,2-Dichloropropane	4.617	77	143097	75.219	ug/l #	50
34) Benzene	6.038	78	32774	5.667	ug/l #	96
36) 1,2-Dichloroethane	6.092	62	807	0.448	ug/l #	70
43) Ethyl Acetate	4.568	43	291838	134.168	ug/l #	1
44) Isopropyl Acetate	6.342	43	1554	0.477	ug/l #	66
45) 1,4-Dioxane	7.678	88	4811	121.147	ug/l #	86
50) 1,1,2-Trichloroethane	9.080	97	1328	0.896	ug/l #	21
51) Ethyl methacrylate	9.567	69	964	0.409	ug/l	68
58) 4-Methyl-2-Pentanone	8.574	43	20176	9.094	ug/l #	75
59) 2-Hexanone	9.446	43	2625	1.533	ug/l #	63
62) Toluene	8.720	91	77249	12.330	ug/l	98
66) Ethyl Benzene	10.195	91	94047	13.731	ug/l	97
67) m/p-Xylenes	10.299	106	43452	15.772	ug/l	96
68) o-Xylene	10.640	106	23110	8.413	ug/l	99
69) Styrene	10.653	104	4309	0.939	ug/l #	31
70) Isopropylbenzene	10.964	105	10809	1.565	ug/l	98
74) n-propylbenzene	11.305	91	5124	0.675	ug/l	98
75) 2-Chlorotoluene	11.378	91	2238	0.465	ug/l	77
76) 1,3,5-Trimethylbenzene	11.451	105	7583	1.311	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	662	0.924	ug/l #	26
78) 4-Chlorotoluene	11.378	91	2238	0.418	ug/l	83
80) 1,2,4-Trimethylbenzene	11.750	105	28540	4.937	ug/l	100
82) p-Isopropyltoluene	12.006	119	80207	12.777	ug/l	99
83) 1,3-Dichlorobenzene	12.043	146	10952	3.049	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	10952	3.063	ug/l	99
85) n-Butylbenzene	12.244	91	2769	0.570	ug/l	59
86) Hexachloroethane	12.530	117	438	0.427	ug/l #	1

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration

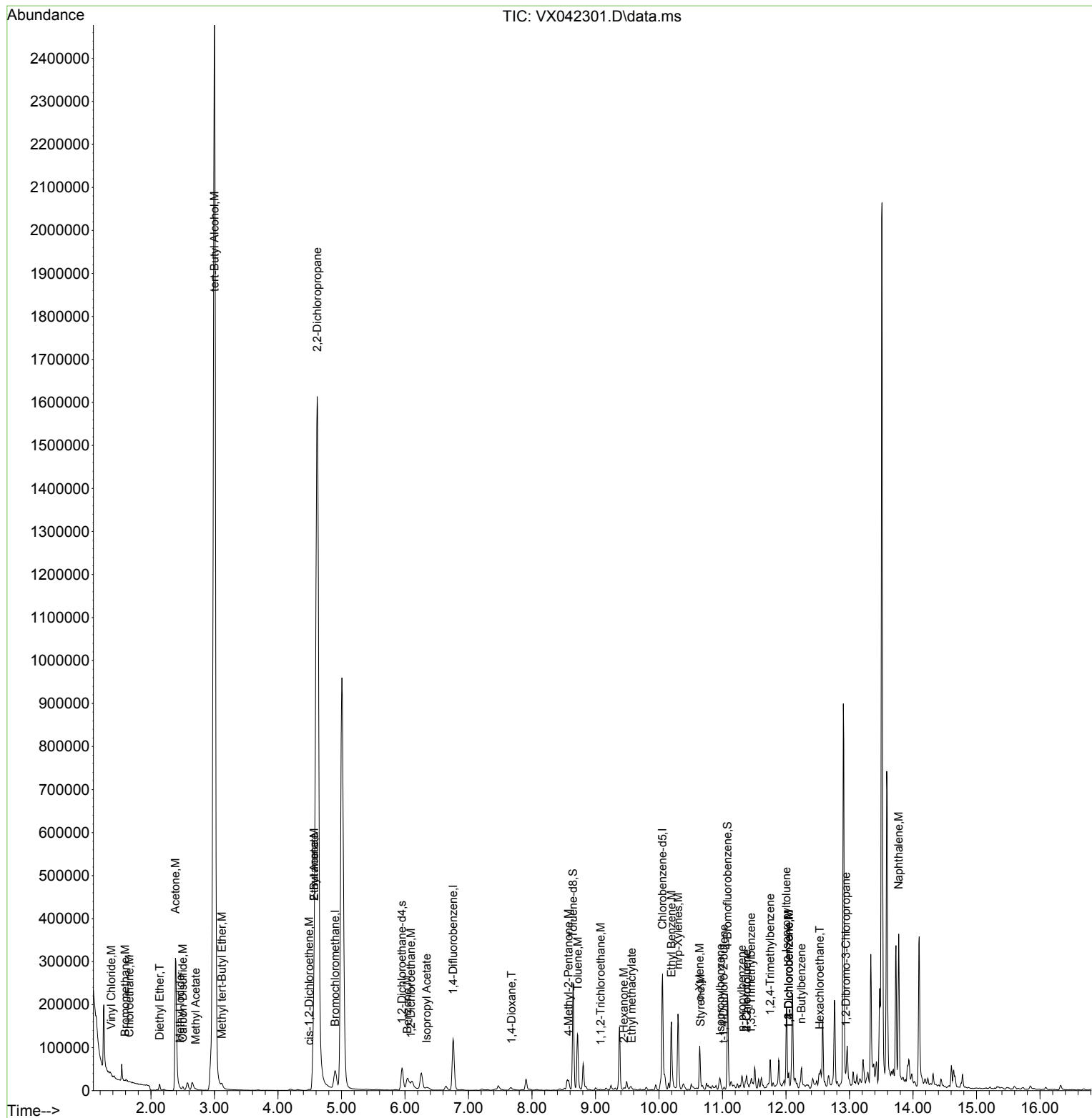
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,2-Dichlorobenzene	12.043	146	10952	3.015	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	117	0.237	ug/l #	1
91) Naphthalene	13.774	128	196255	26.414	ug/l	99

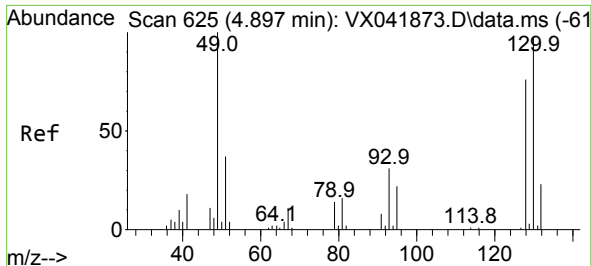
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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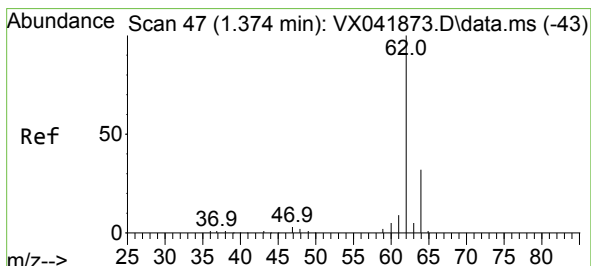
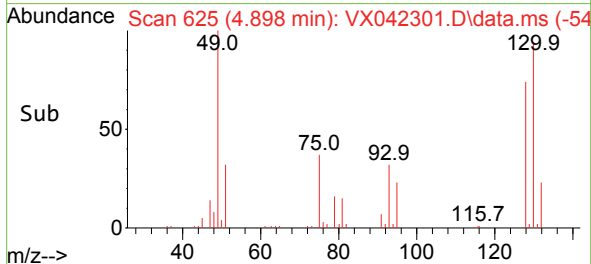
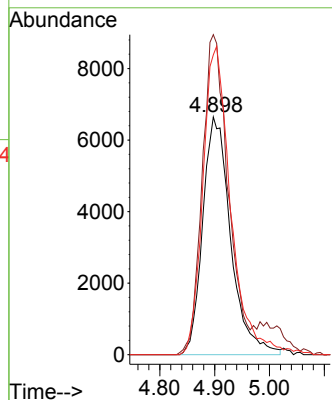
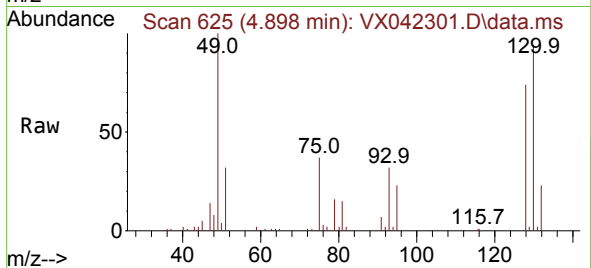




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

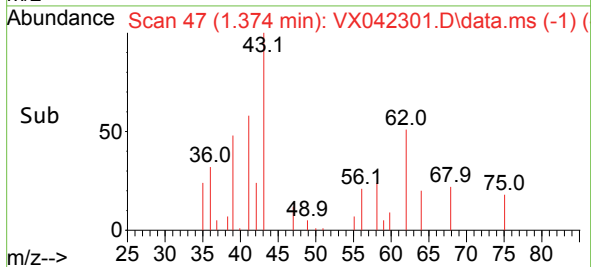
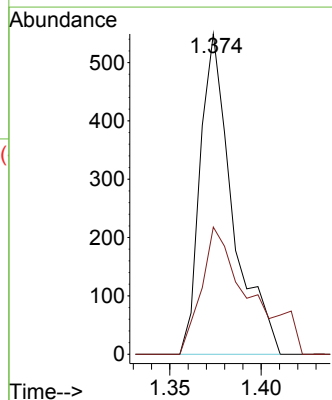
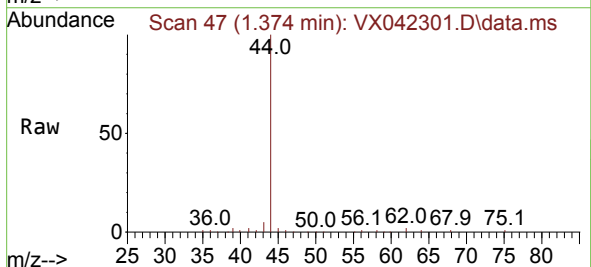
Instrument :
MSVOA_X
ClientSampleId :

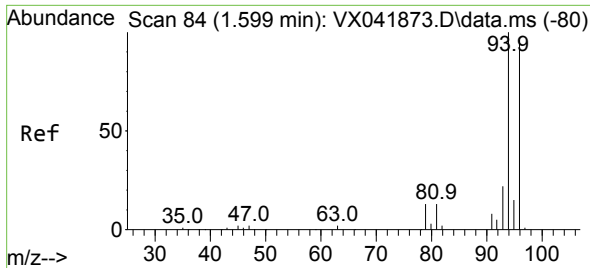
Tgt Ion:128 Resp: 23525
Ion Ratio Lower Upper
128 100
49 124.7 0.0 338.5
130 125.0 0.0 324.5



#4
Vinyl Chloride
Concen: 0.408 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

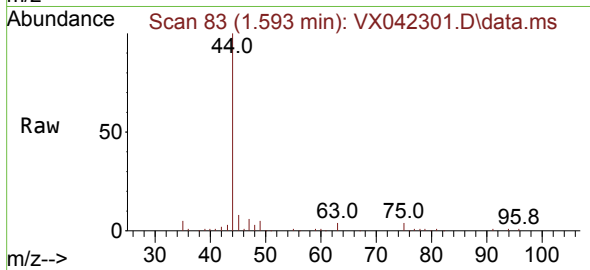
Tgt Ion: 62 Resp: 679
Ion Ratio Lower Upper
62 100
64 39.7 26.1 39.1#



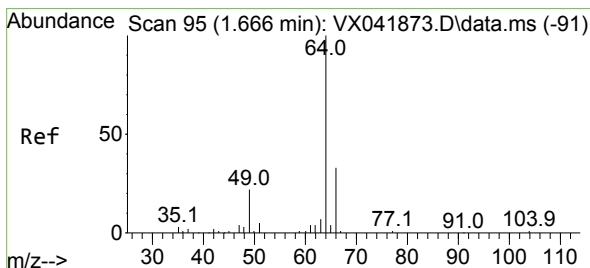
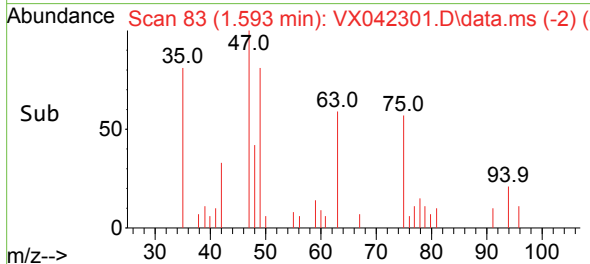
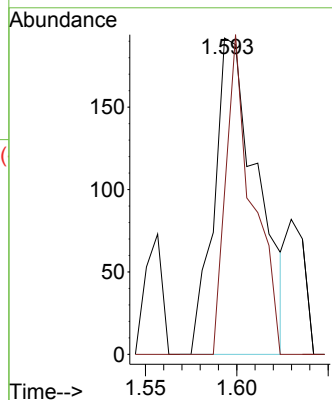


#5
Bromomethane
Concen: 0.357 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :

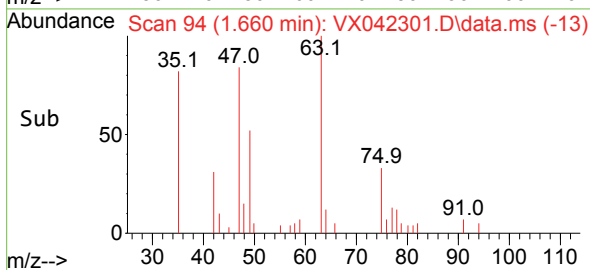
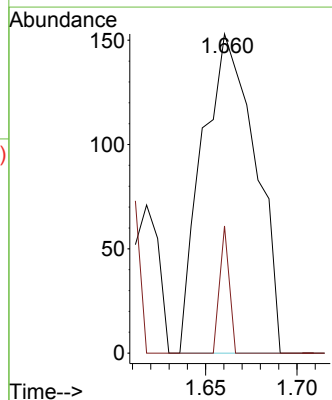
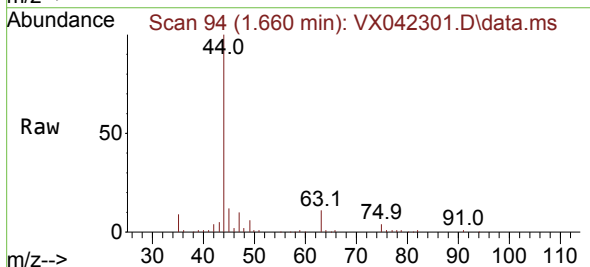


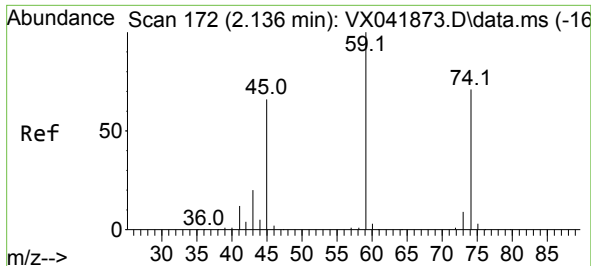
Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 51.0 76.6 115.0#



#6
Chloroethane
Concen: 0.434 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

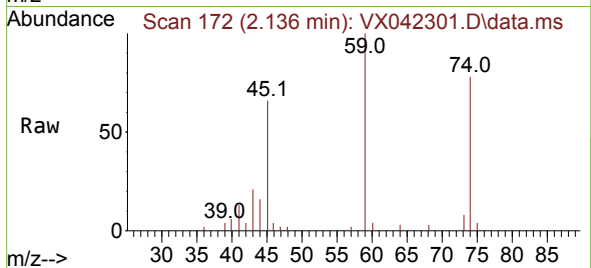
Tgt Ion: 64 Resp: 309
Ion Ratio Lower Upper
64 100
66 39.9 26.4 39.6#



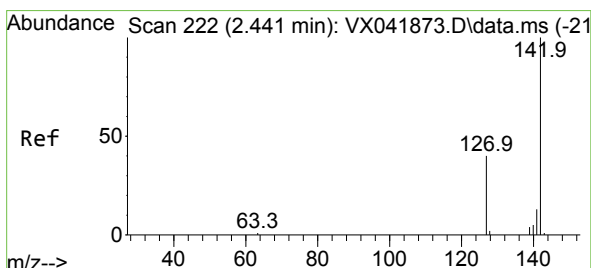
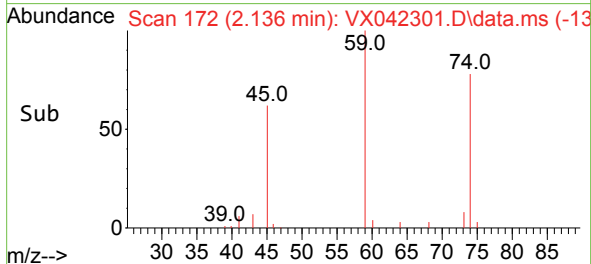
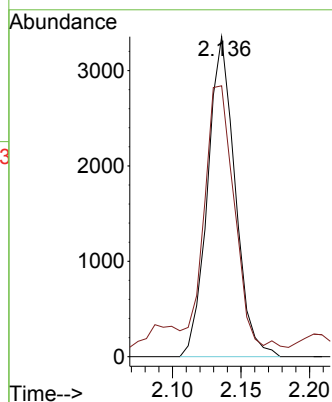


#8
Diethyl Ether
Concen: 5.150 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :

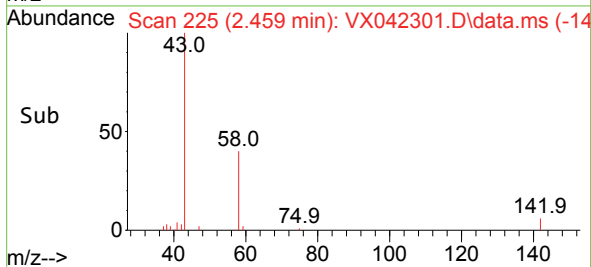
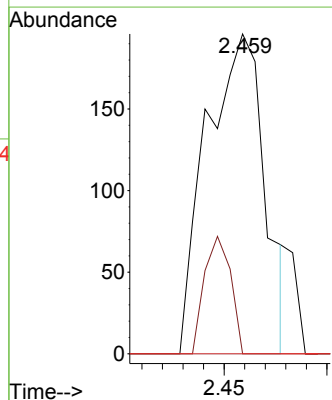
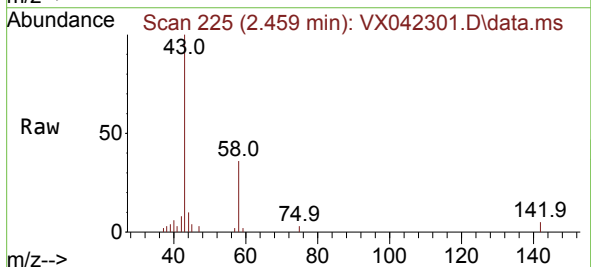


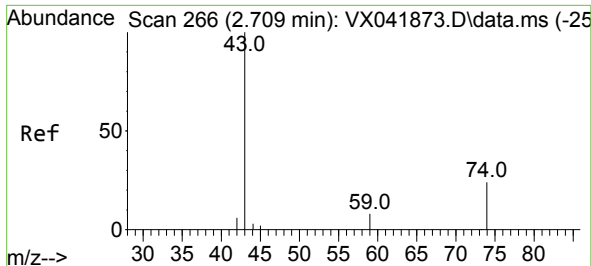
Tgt Ion: 74 Resp: 4673
Ion Ratio Lower Upper
74 100
45 88.5 18.7 168.7



#11
Methyl Iodide
Concen: 0.206 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.018 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 142 Resp: 385
Ion Ratio Lower Upper
142 100
127 0.0 19.8 59.3#
141 0.0 6.7 20.1#

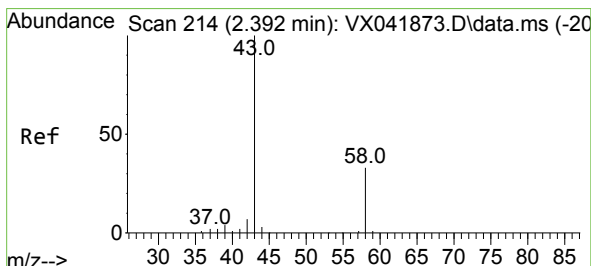
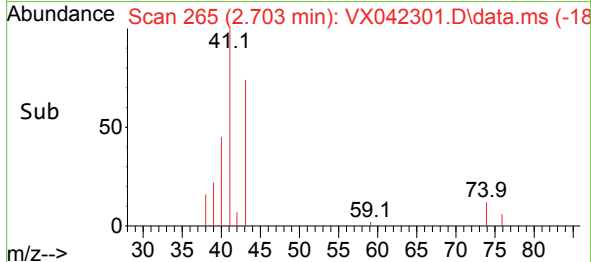
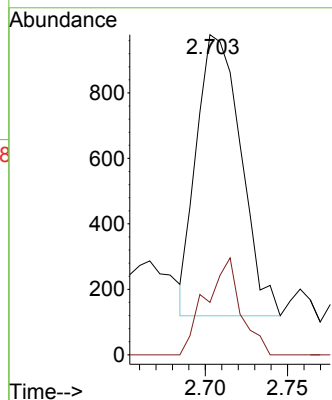
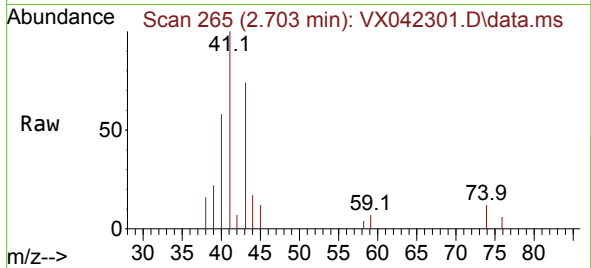




#12
Methyl Acetate
Concen: 0.878 ug/l
RT: 2.703 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

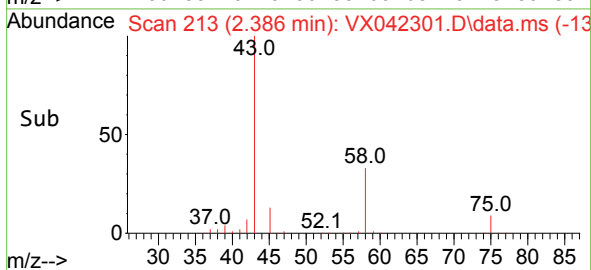
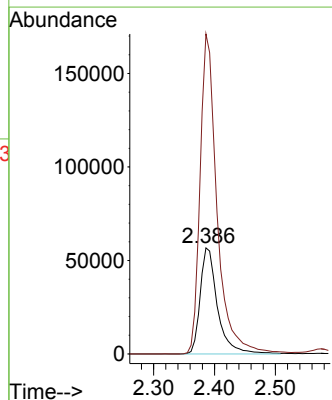
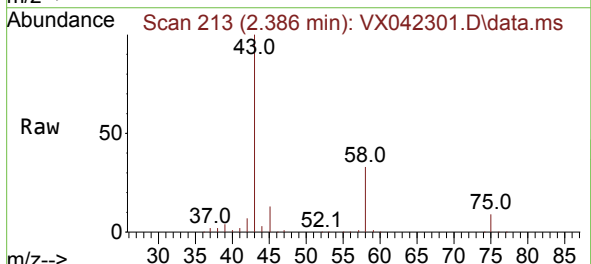
Instrument :
MSVOA_X
ClientSampleId :

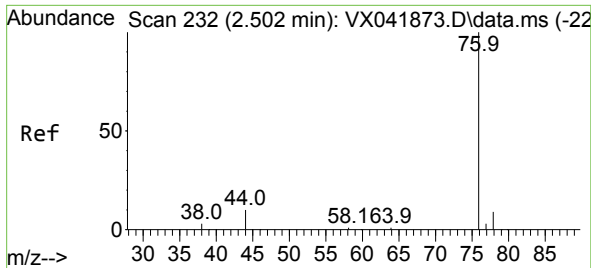
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2



#15
Acetone
Concen: 451.149 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

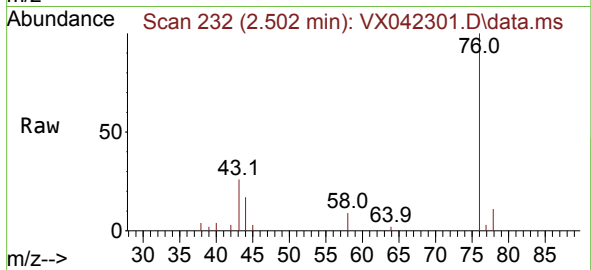
Tgt Ion: 58 Resp: 112281
Ion Ratio Lower Upper
58 100
43 301.8 243.4 365.2



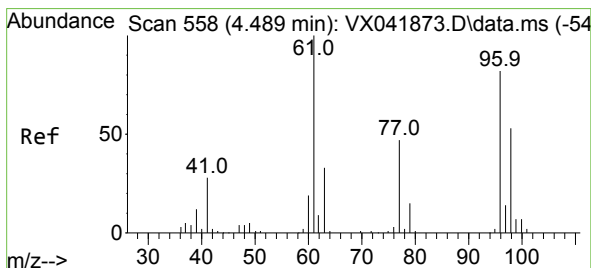
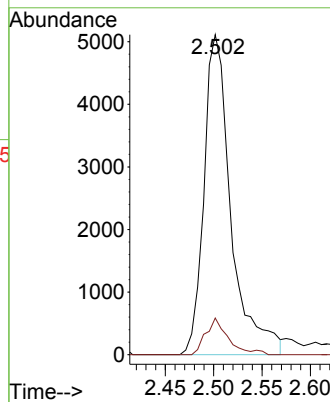
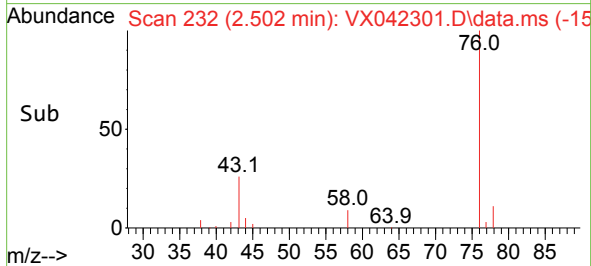


#16
Carbon Disulfide
Concen: 3.152 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :

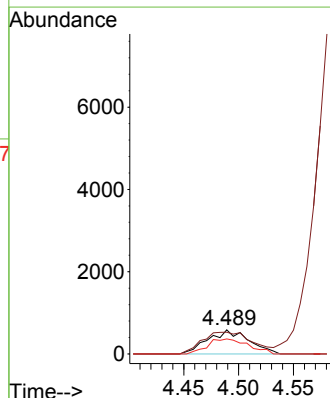
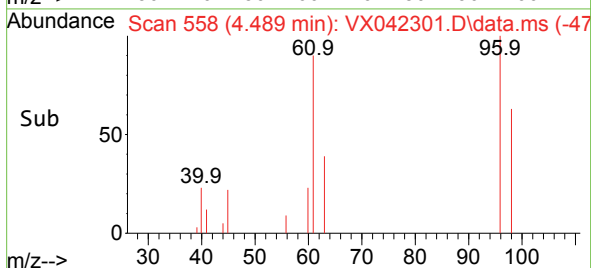
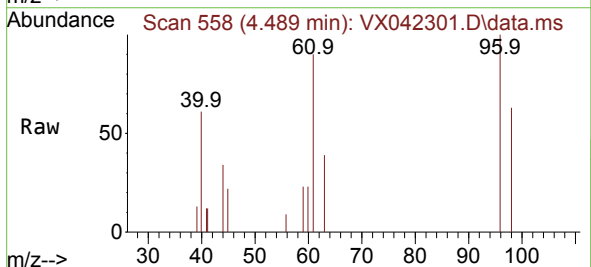


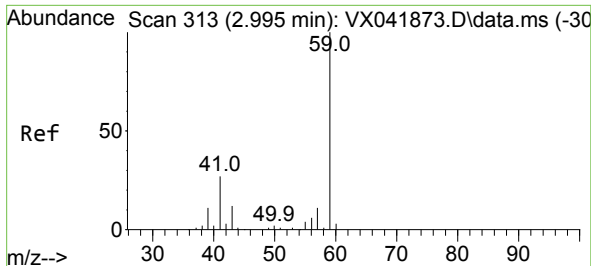
Tgt Ion: 76 Resp: 9930
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#



#22
cis-1,2-Dichloroethene
Concen: 0.873 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 1522
Ion Ratio Lower Upper
96 100
61 71.4 103.3 154.9#
98 24.2 52.2 78.2#

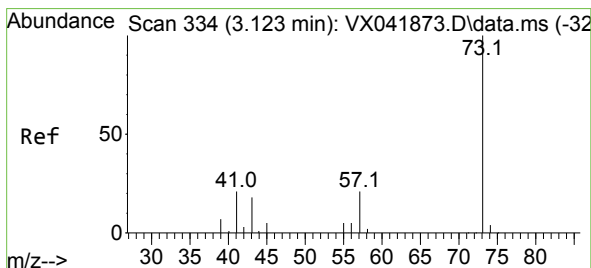
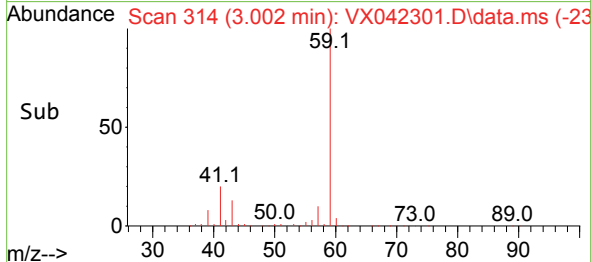
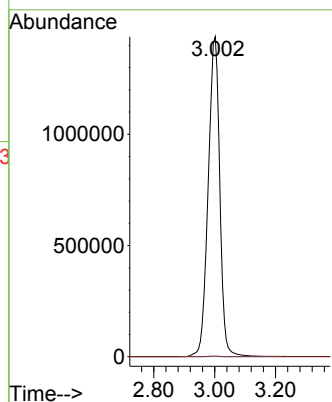
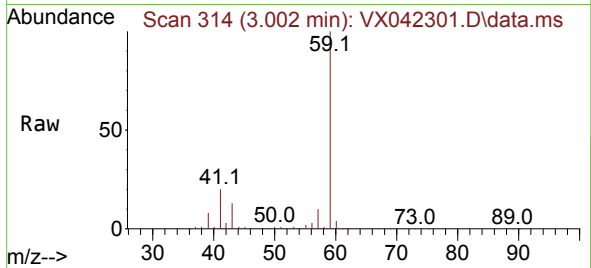




#23
tert-Butyl Alcohol
Concen: 11781.642 ug/l
RT: 3.002 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

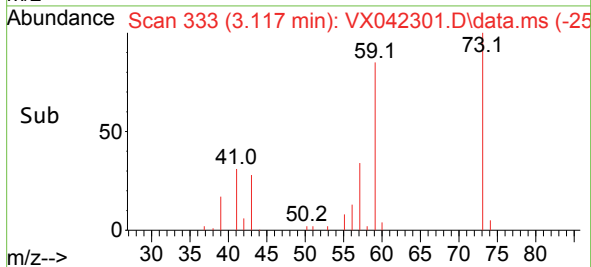
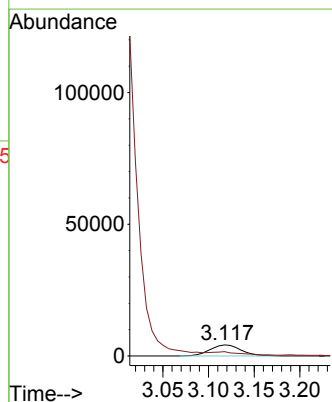
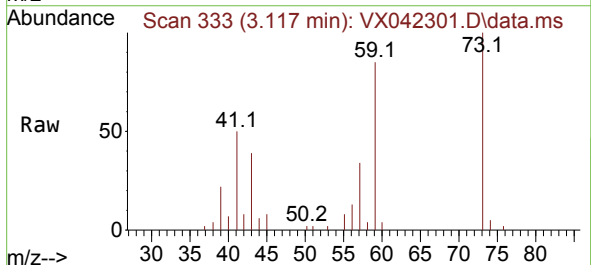
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MSVOA_X
ClientSampleId :

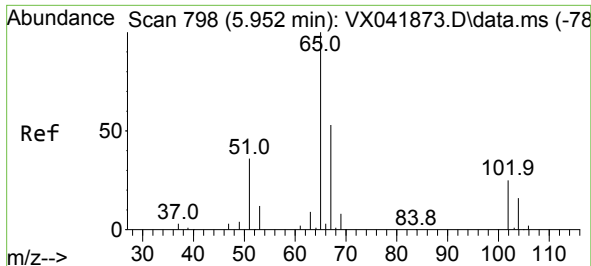
Tgt Ion: 59 Resp: 3810809
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 2.229 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 73 Resp: 9913
Ion Ratio Lower Upper
73 100
43 35.8 15.1 22.7#





#27

1,2-Dichloroethane-d4

Concen: 29.611 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

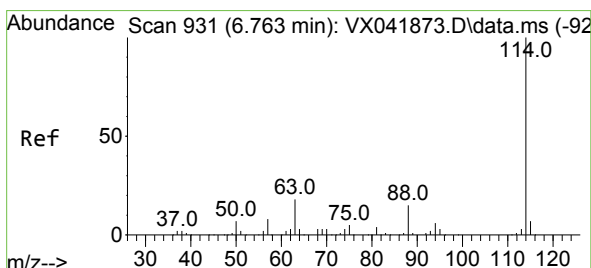
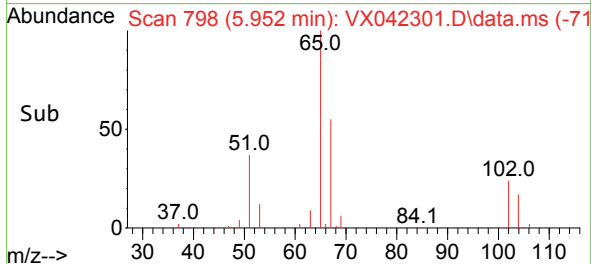
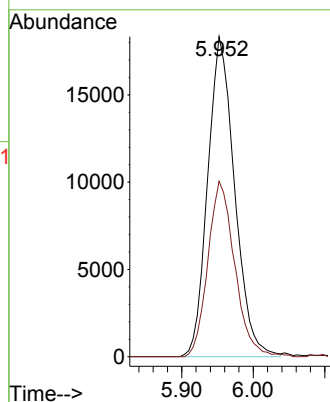
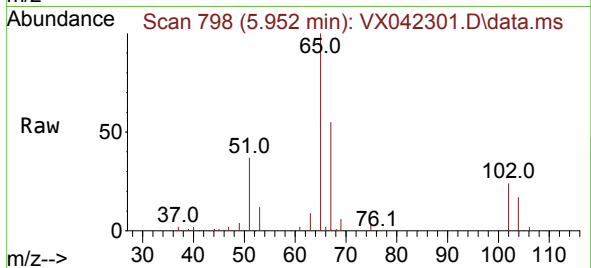
ClientSampleId :

Tgt Ion: 65 Resp: 47953

Ion Ratio Lower Upper

65 100

67 54.3 43.4 65.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

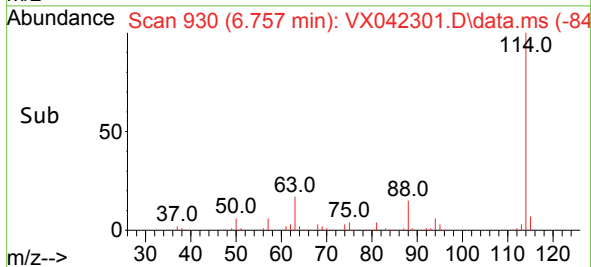
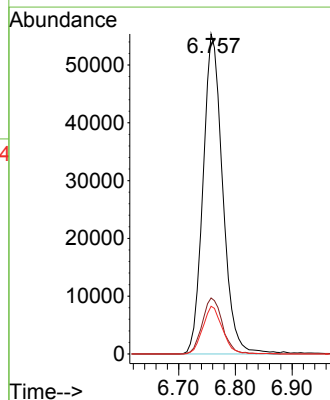
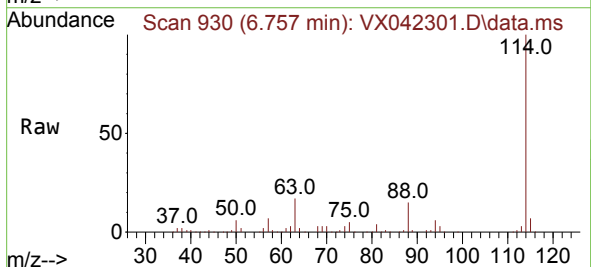
Tgt Ion:114 Resp: 133025

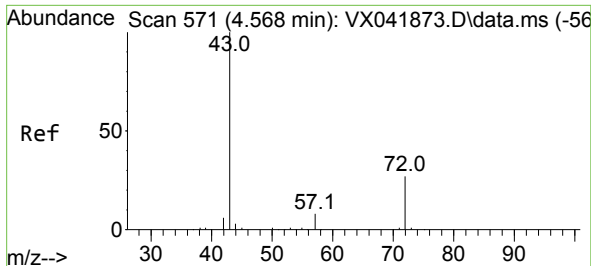
Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

88 14.9 11.8 17.8

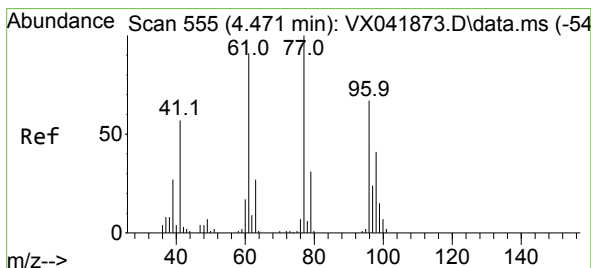
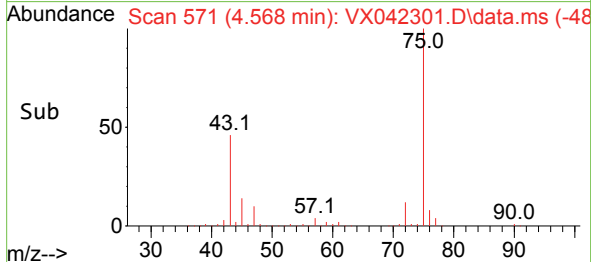
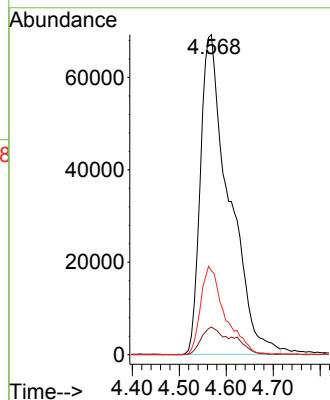
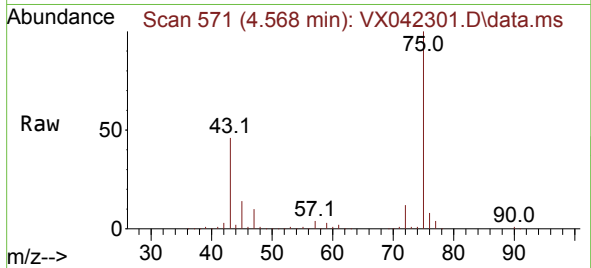




#30
2-Butanone
Concen: 251.566 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

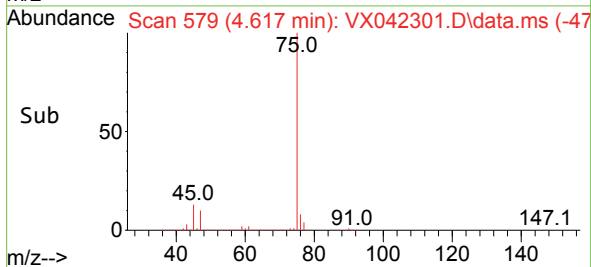
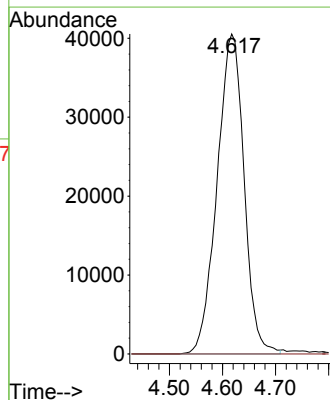
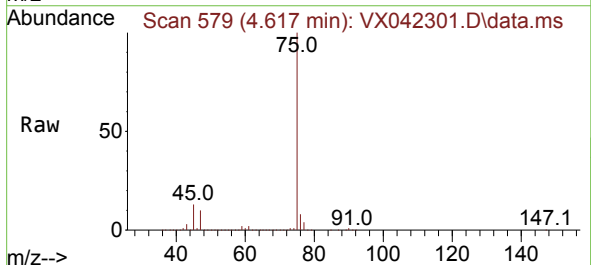
Instrument :
MSVOA_X
ClientSampleId :

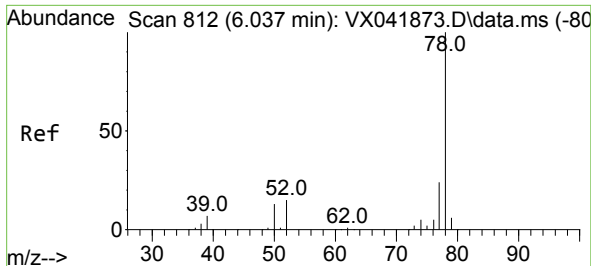
Tgt Ion: 43 Resp: 291838
Ion Ratio Lower Upper
43 100
57 6.7 6.5 9.7
72 23.6 22.0 33.0



#31
2,2-Dichloropropane
Concen: 75.219 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.146 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 77 Resp: 143097
Ion Ratio Lower Upper
77 100
97 0.0 20.2 30.2#





#34

Benzene

Concen: 5.667 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

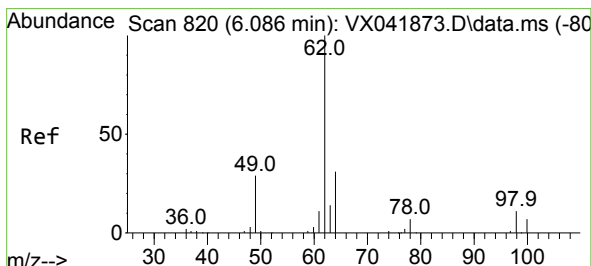
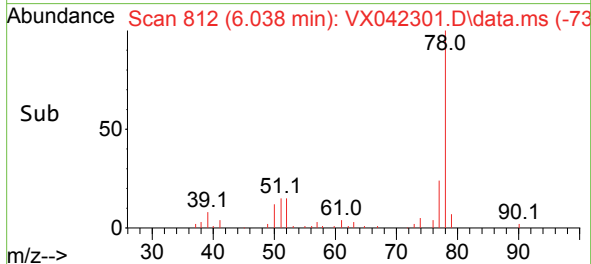
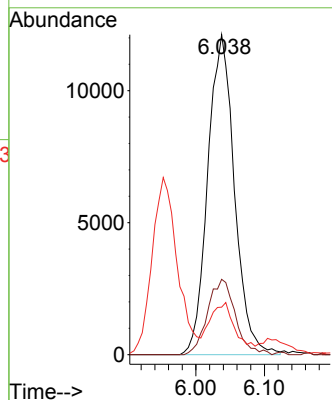
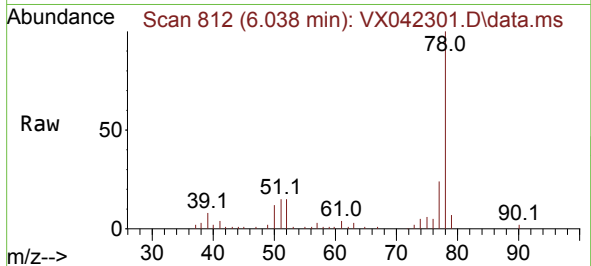
Tgt Ion: 78 Resp: 32774

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

51 11.0 11.8 17.8#



#36

1,2-Dichloroethane

Concen: 0.448 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX042301.D

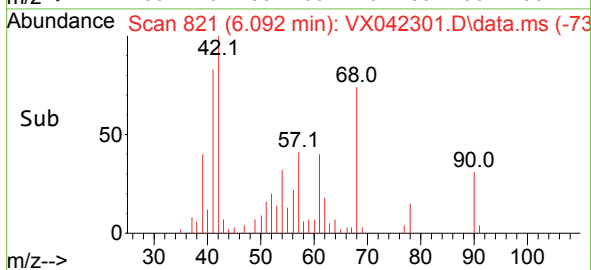
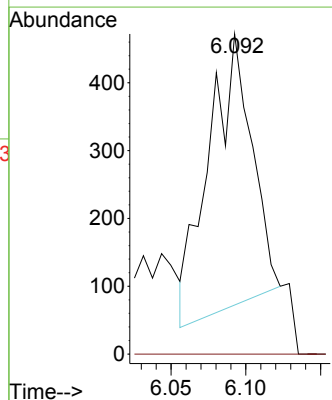
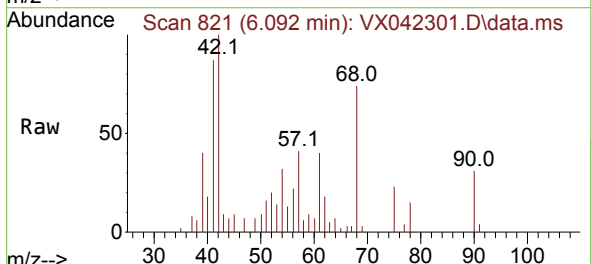
Acq: 12 Jul 2024 14:39

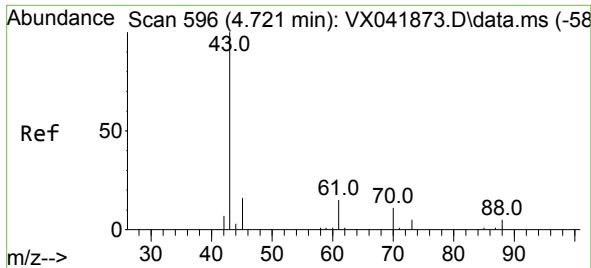
Tgt Ion: 62 Resp: 807

Ion Ratio Lower Upper

62 100

98 0.0 9.1 13.7#

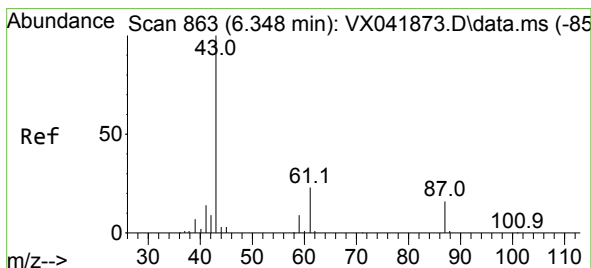
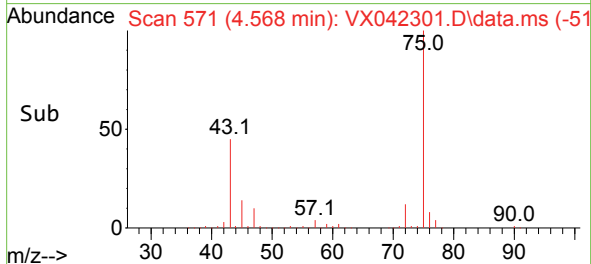
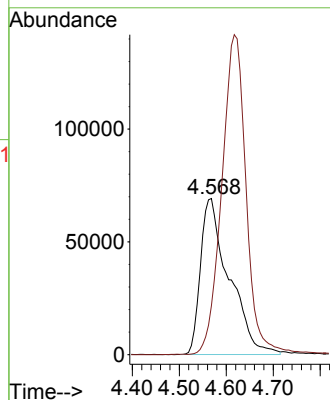
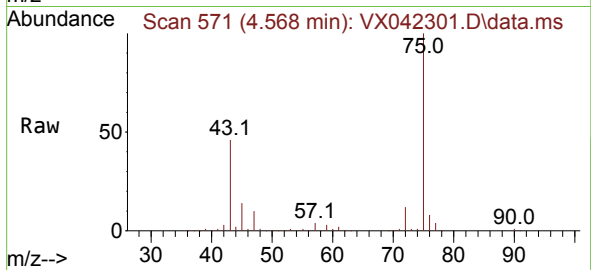




#43
Ethyl Acetate
Concen: 134.168 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.152 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

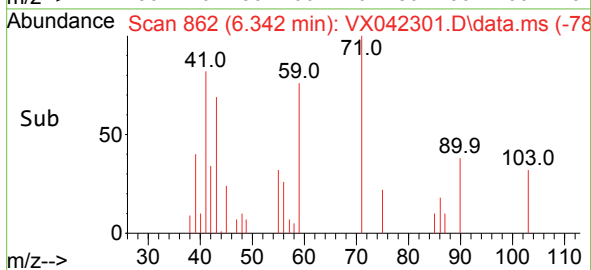
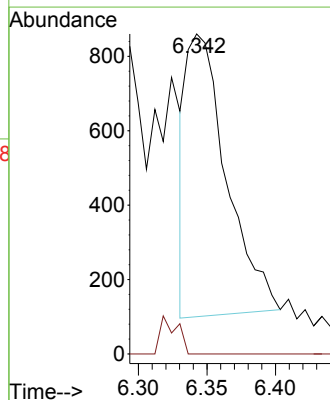
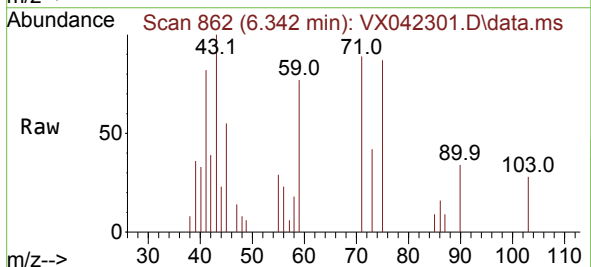
Instrument :
MSVOA_X
ClientSampleId :

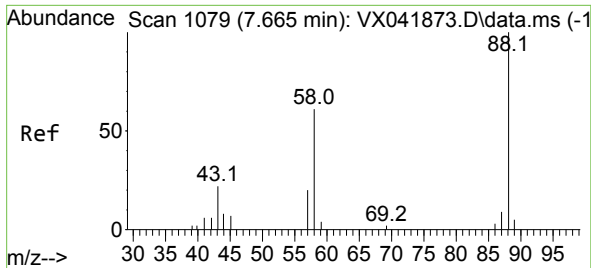
Tgt Ion: 43 Resp: 291838
Ion Ratio Lower Upper
43 100
45 174.8 12.4 18.6#



#44
Isopropyl Acetate
Concen: 0.477 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
61 5.6 17.4 26.0#

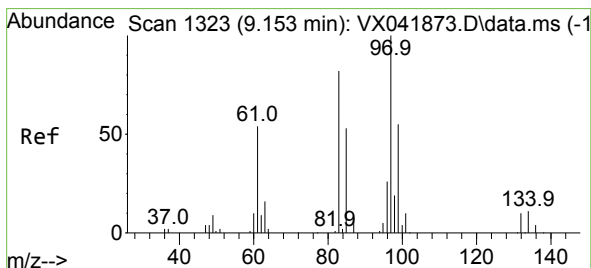
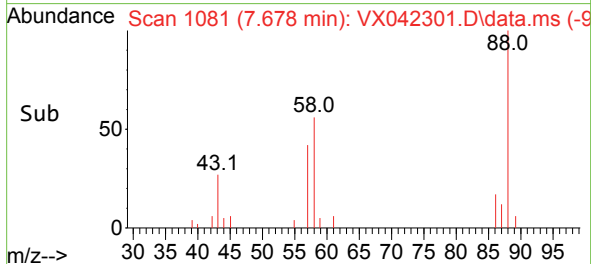
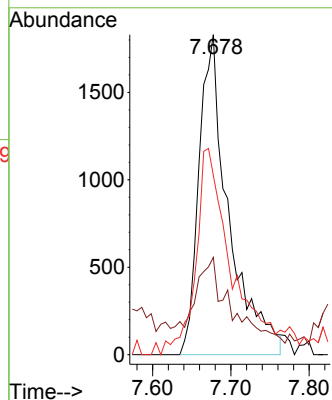
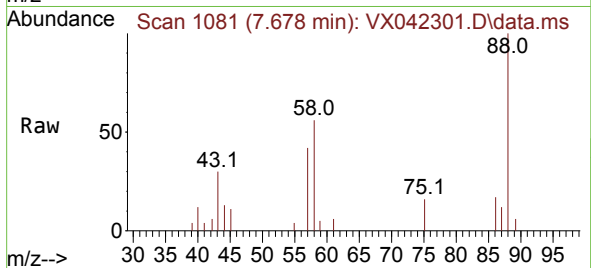




#45
1,4-Dioxane
Concen: 121.147 ug/l
RT: 7.678 min Scan# 1079
Delta R.T. 0.012 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

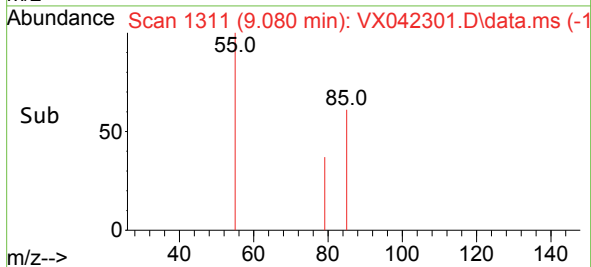
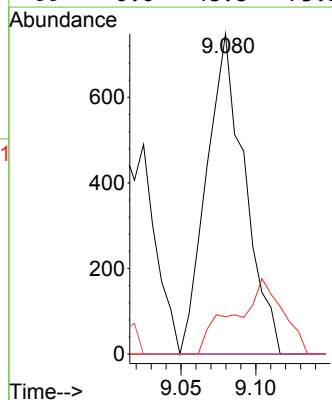
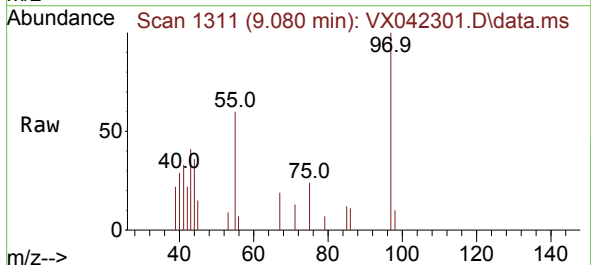
Instrument :
MSVOA_X
ClientSampleId :

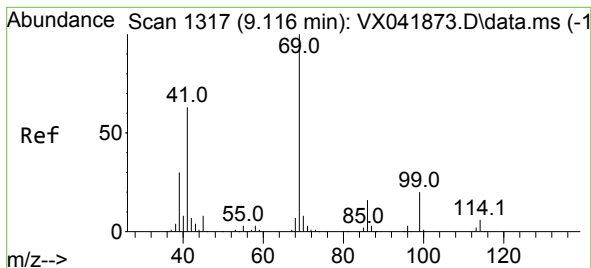
Tgt Ion: 88 Resp: 4811
Ion Ratio Lower Upper
88 100
43 13.1 23.2 34.8#
58 71.8 52.6 78.8



#50
1,1,2-Trichloroethane
Concen: 0.896 ug/l
RT: 9.080 min Scan# 1311
Delta R.T. -0.073 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 97 Resp: 1328
Ion Ratio Lower Upper
97 100
83 0.0 65.9 98.9#
85 11.6 42.9 64.3#
99 0.0 48.8 73.2#





#51

Ethyl methacrylate

Concen: 0.409 ug/l

RT: 9.567 min Scan# 11

Delta R.T. 0.451 min

Lab File: VX042301.D

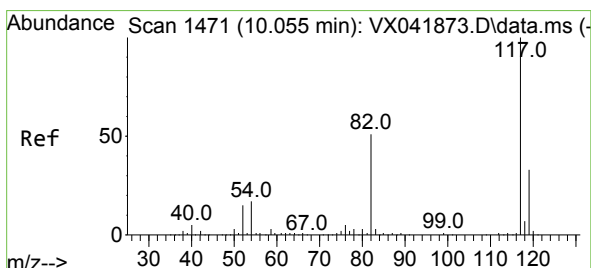
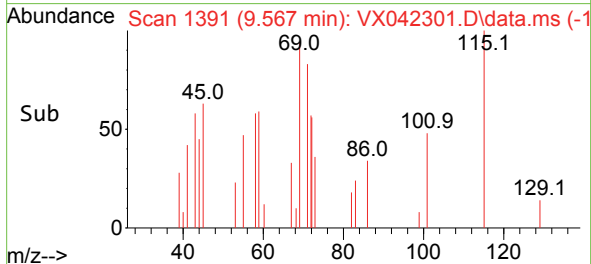
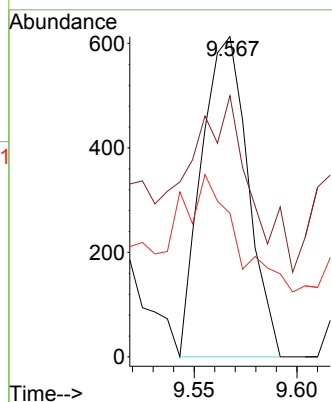
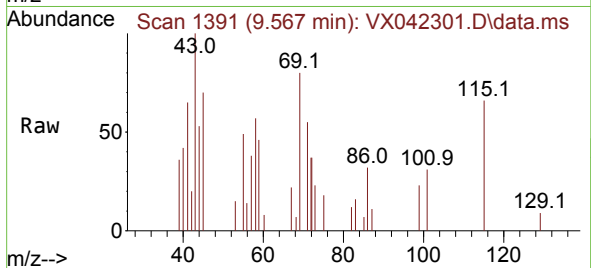
Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 69	Resp: 964
Ion Ratio	Lower Upper
69	100
41	34.7 31.6 94.7
39	18.9 15.3 45.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

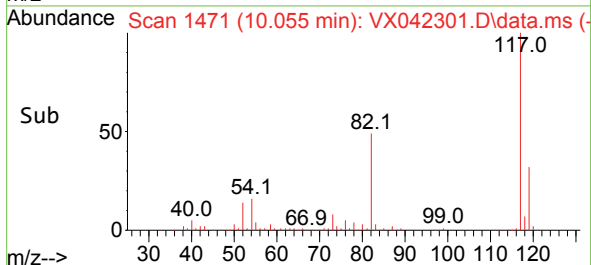
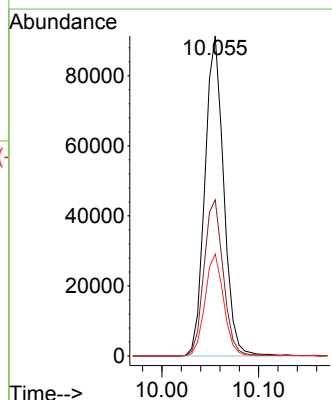
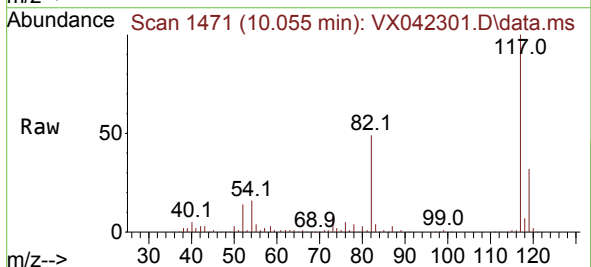
RT: 10.055 min Scan# 1471

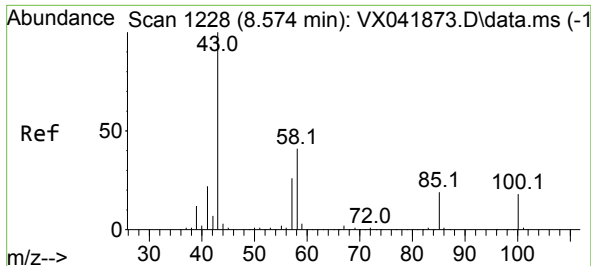
Delta R.T. 0.000 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

Tgt Ion: 117	Resp: 123806
Ion Ratio	Lower Upper
117	100
82	50.0 41.1 61.7
119	31.9 26.1 39.1

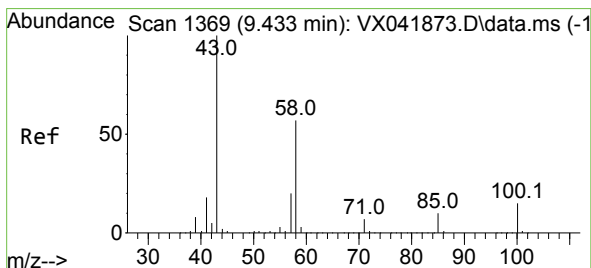
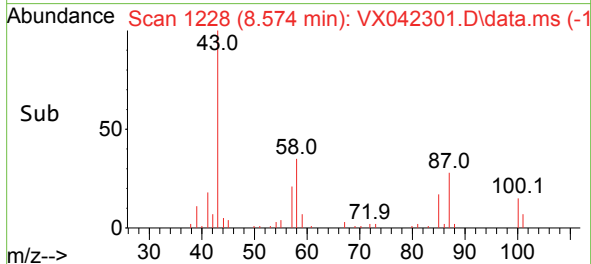
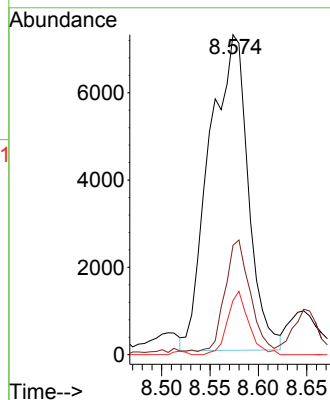
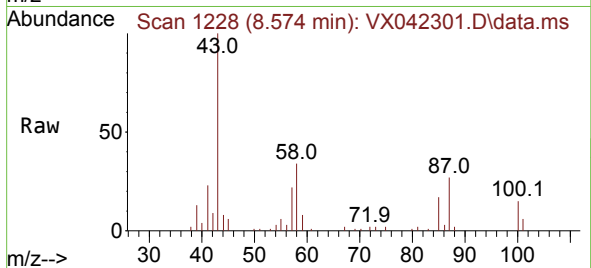




#58
4-Methyl-2-Pentanone
Concen: 9.094 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

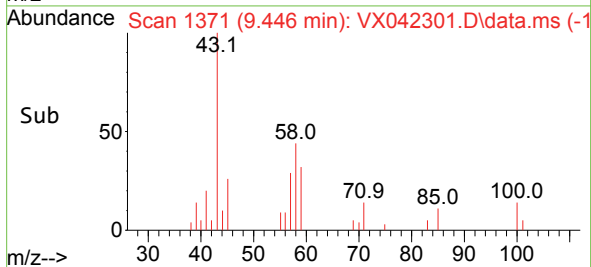
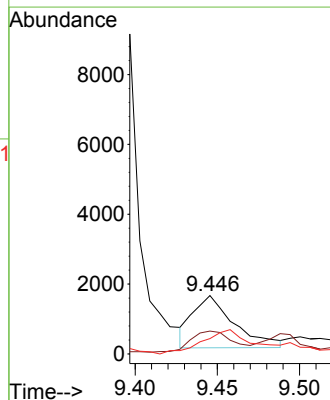
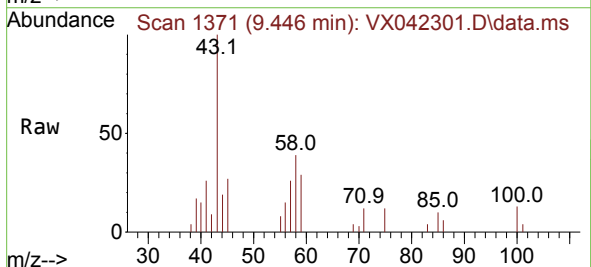
Instrument :
MSVOA_X
ClientSampleId :

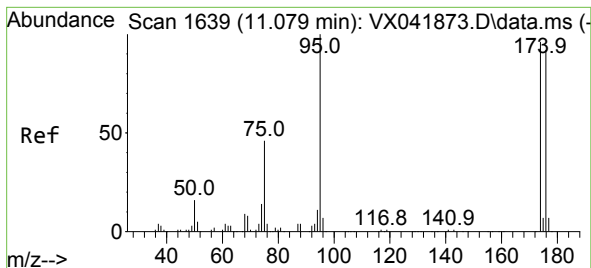
Tgt Ion:	43	Resp:	20176
Ion	Ratio	Lower	Upper
43	100		
58	24.3	33.2	49.8#
85	11.0	15.5	23.3#



#59
2-Hexanone
Concen: 1.533 ug/l
RT: 9.446 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion:	43	Resp:	2625
Ion	Ratio	Lower	Upper
43	100		
58	41.1	46.0	69.0#
57	56.2	15.8	23.6#

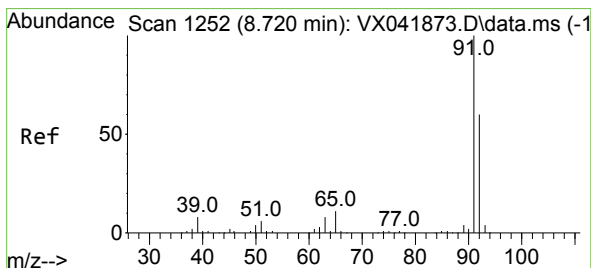
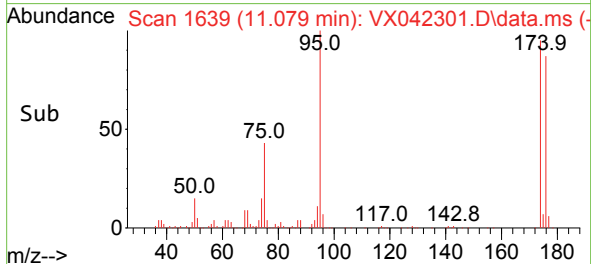
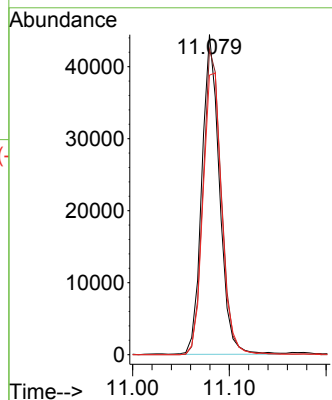
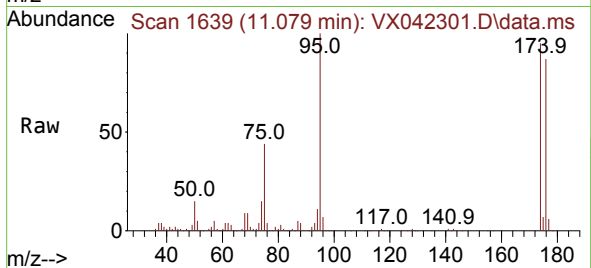




#60
4-Bromofluorobenzene
Concen: 29.354 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

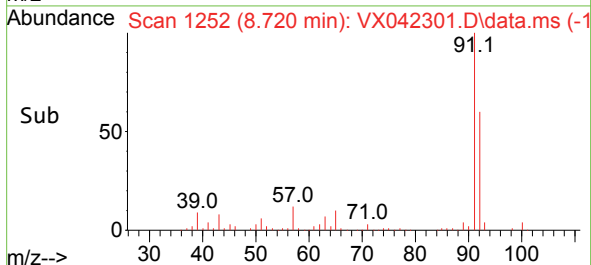
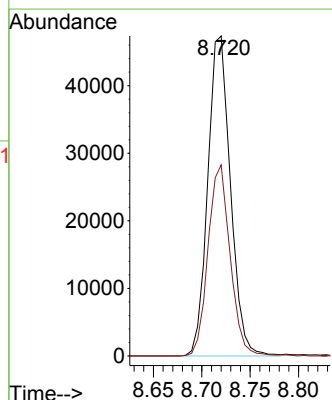
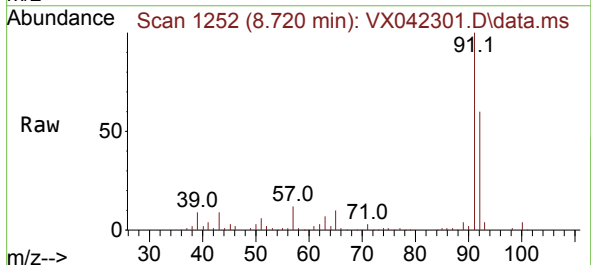
Instrument :
MSVOA_X
ClientSampleId :

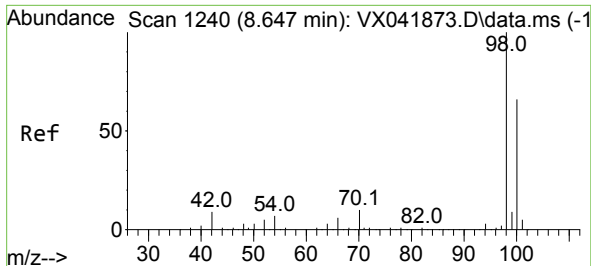
Tgt Ion: 95 Resp: 56255
Ion Ratio Lower Upper
95 100
174 99.1 78.9 118.3
176 94.8 77.1 115.7



#62
Toluene
Concen: 12.330 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 91 Resp: 77249
Ion Ratio Lower Upper
91 100
92 58.1 47.4 71.2

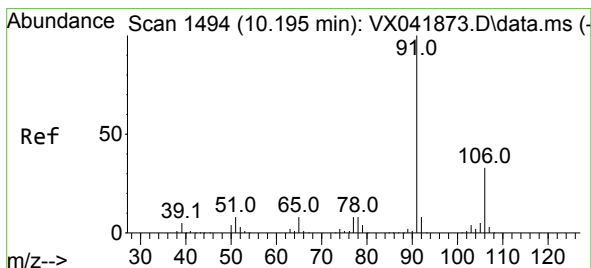
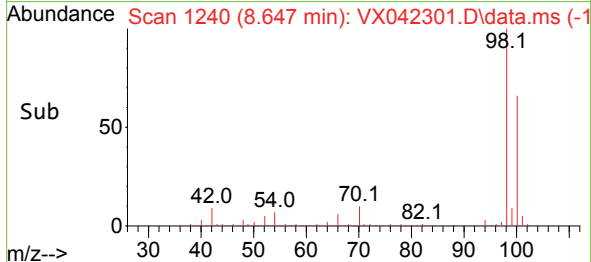
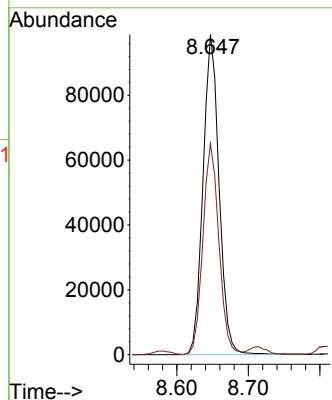
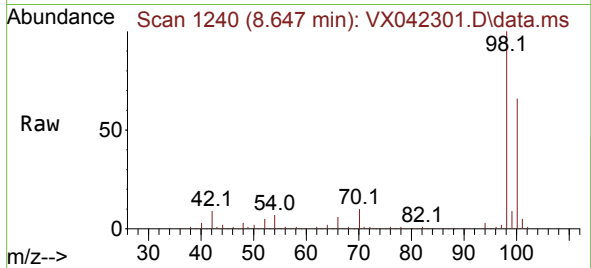




#63
Toluene-d8
Concen: 29.093 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

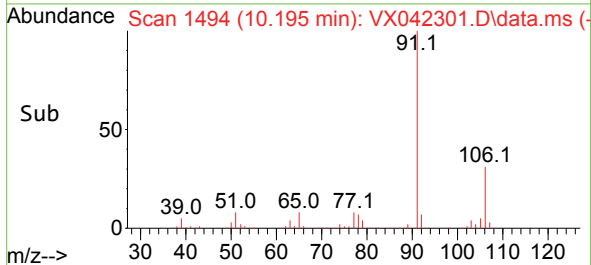
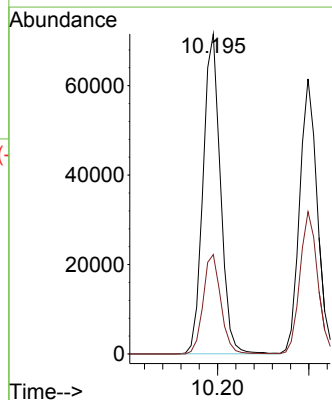
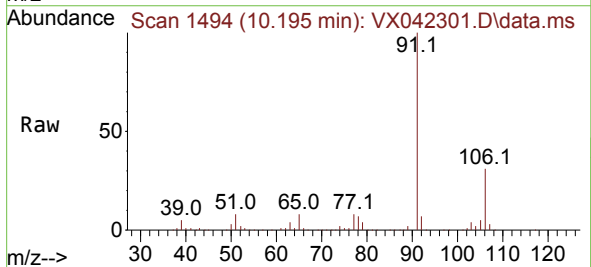
Instrument :
MSVOA_X
ClientSampleId :

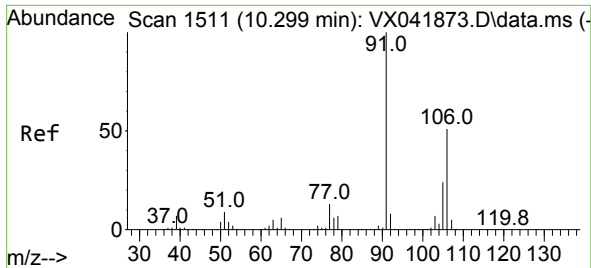
Tgt Ion: 98 Resp: 154100
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#66
Ethyl Benzene
Concen: 13.731 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 91 Resp: 94047
Ion Ratio Lower Upper
91 100
106 31.1 26.4 39.6

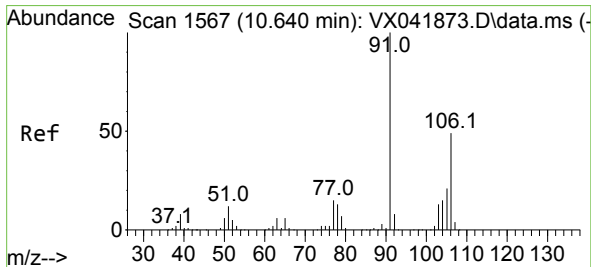
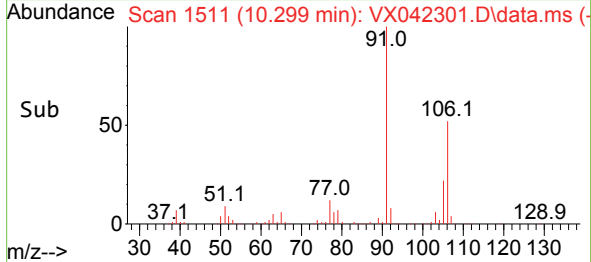
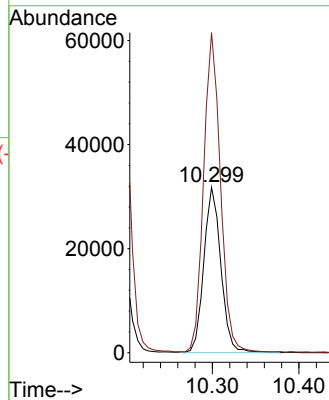
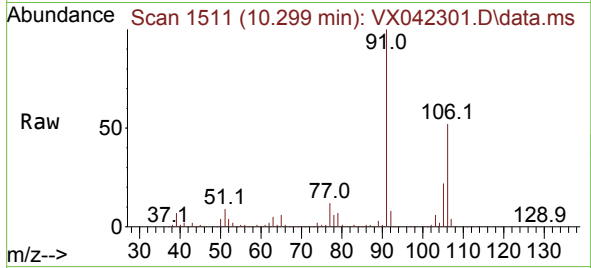




#67
m/p-Xylenes
Concen: 15.772 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

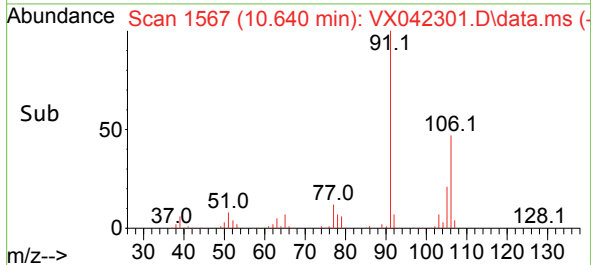
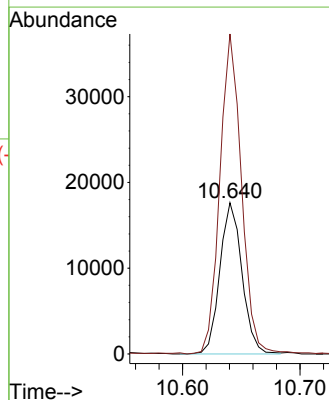
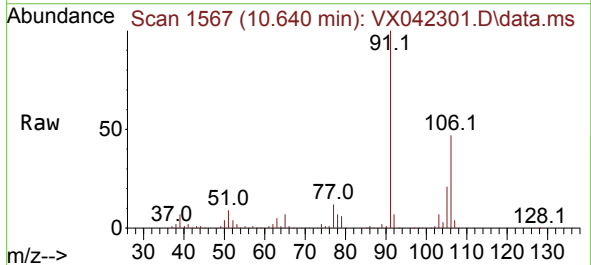
Instrument :
MSVOA_X
ClientSampleId :

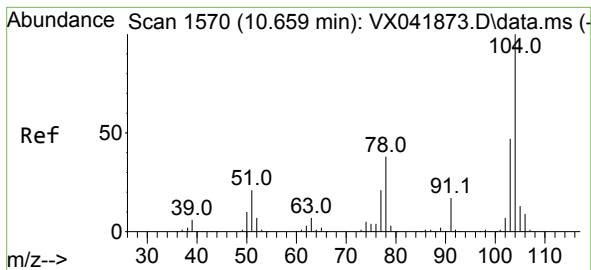
Tgt Ion:106 Resp: 43452
Ion Ratio Lower Upper
106 100
91 190.8 157.0 235.6



#68
o-Xylene
Concen: 8.413 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion:106 Resp: 23110
Ion Ratio Lower Upper
106 100
91 204.2 103.2 309.6





#69

Styrene

Concen: 0.939 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

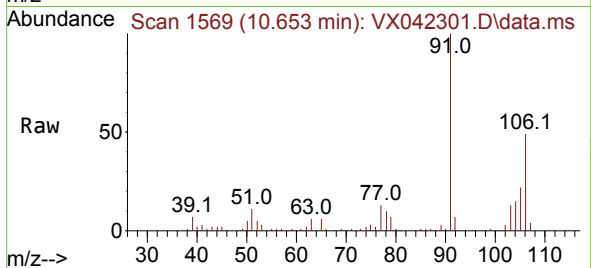
Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :



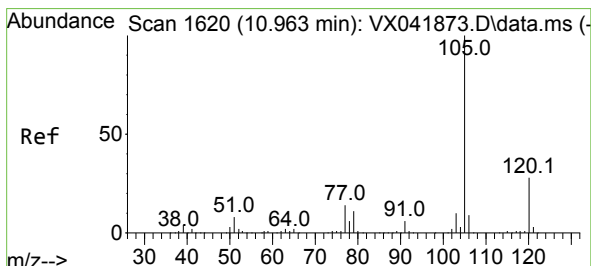
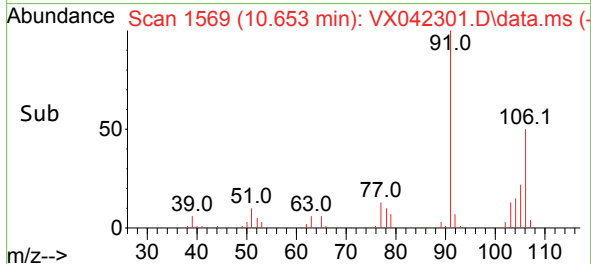
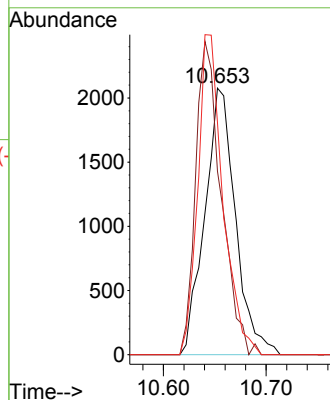
Tgt Ion:104 Resp: 4309

Ion Ratio Lower Upper

104 100

78 97.1 36.5 54.7#

103 98.7 43.4 65.2#



#70

Isopropylbenzene

Concen: 1.565 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042301.D

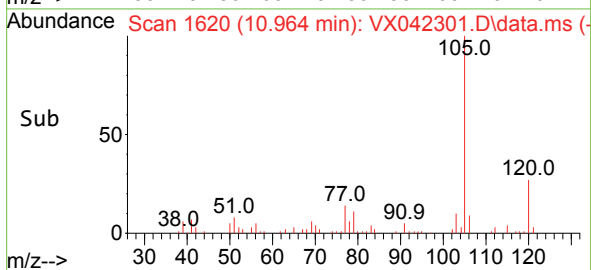
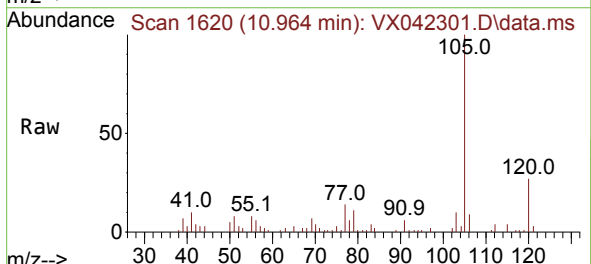
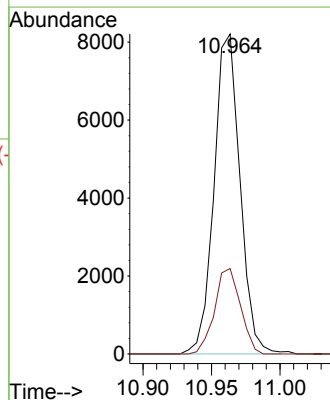
Acq: 12 Jul 2024 14:39

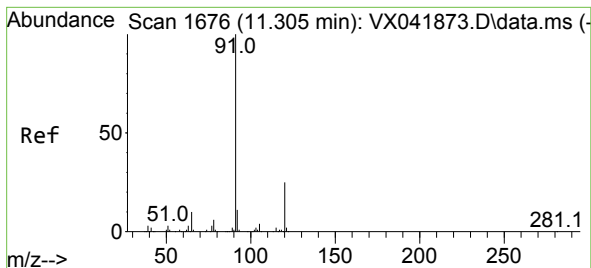
Tgt Ion:105 Resp: 10809

Ion Ratio Lower Upper

105 100

120 26.6 19.2 35.6





#74

n-propylbenzene

Concen: 0.675 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

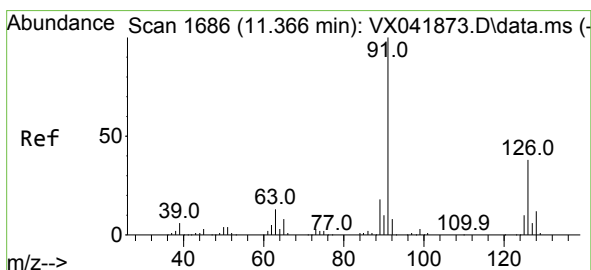
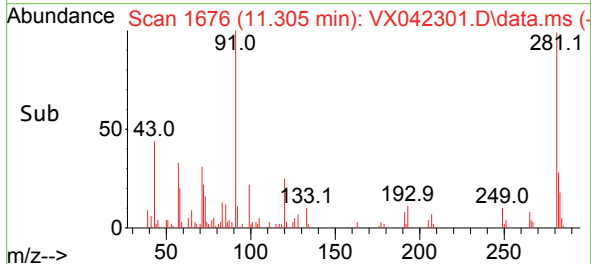
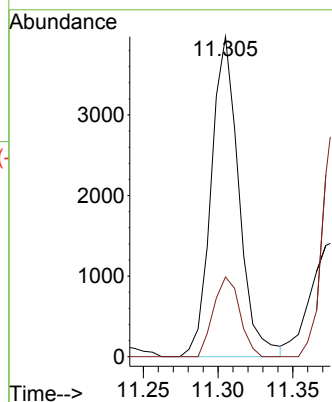
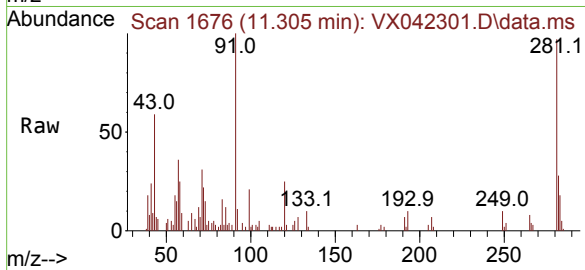
ClientSampleId :

Tgt Ion: 91 Resp: 5124

Ion Ratio Lower Upper

91 100

120 23.6 0.0 49.6



#75

2-Chlorotoluene

Concen: 0.465 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.012 min

Lab File: VX042301.D

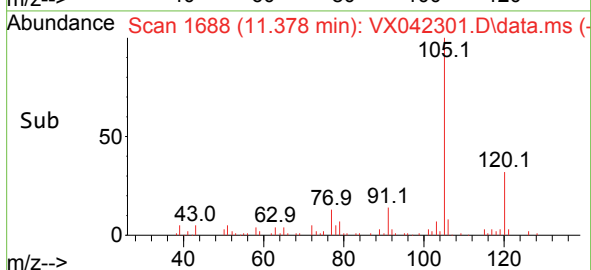
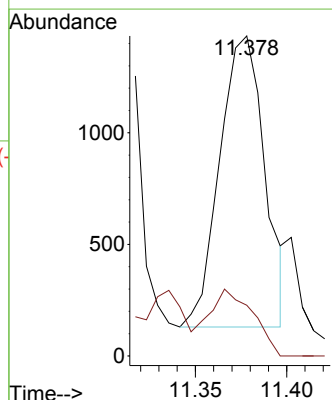
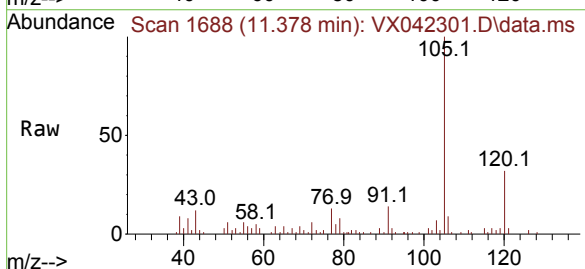
Acq: 12 Jul 2024 14:39

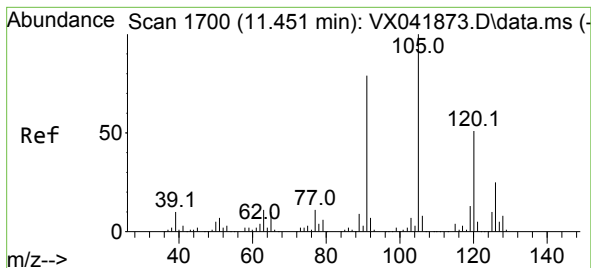
Tgt Ion: 91 Resp: 2238

Ion Ratio Lower Upper

91 100

126 22.7 0.0 72.6





#76

1,3,5-Trimethylbenzene

Concen: 1.311 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

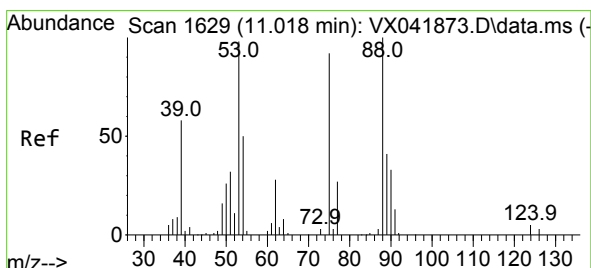
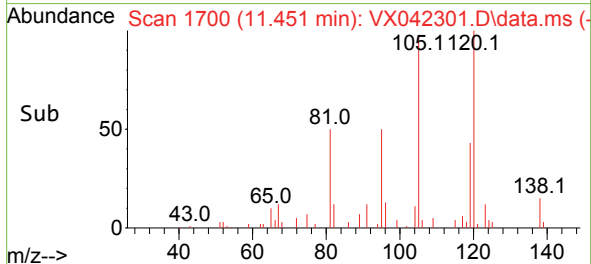
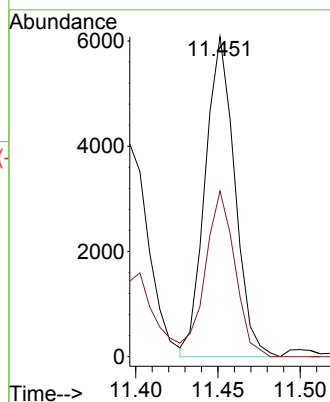
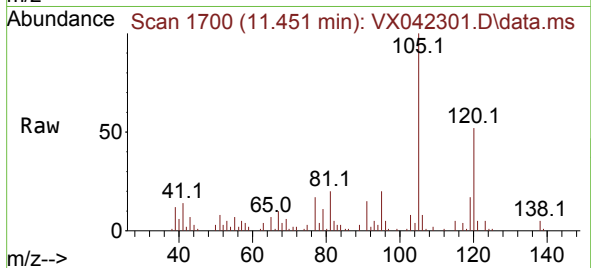
ClientSampleId :

Tgt Ion:105 Resp: 7583

Ion Ratio Lower Upper

105 100

120 51.8 0.0 103.0



#77

t-1,4-Dichloro-2-butene

Concen: 0.924 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

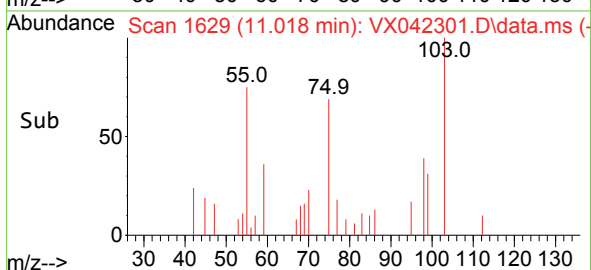
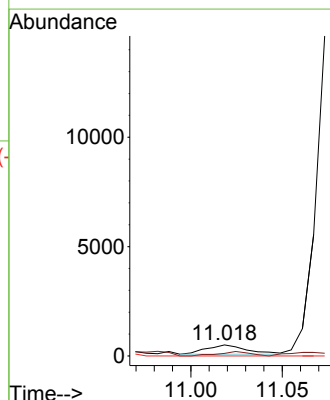
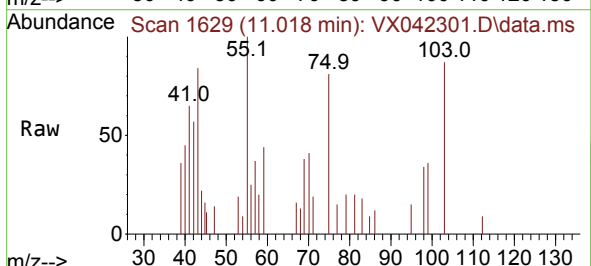
Tgt Ion: 75 Resp: 662

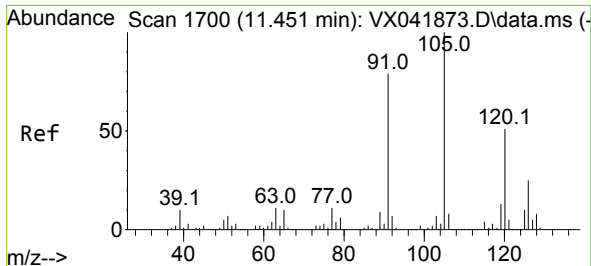
Ion Ratio Lower Upper

75 100

53 27.6 53.4 160.2#

89 0.0 22.5 67.5#

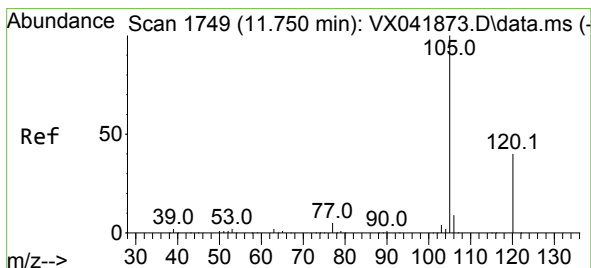
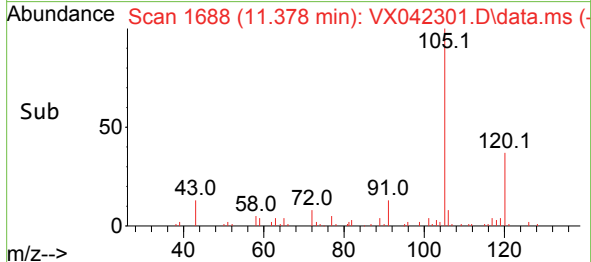
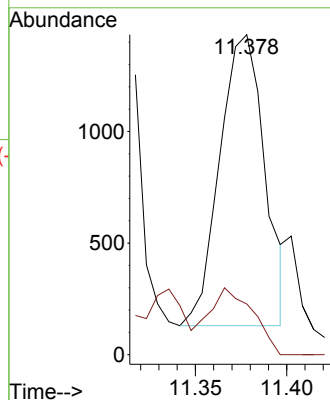
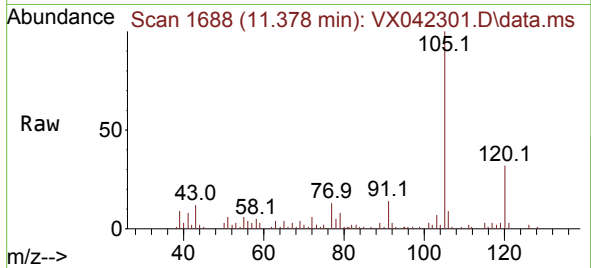




#78
4-Chlorotoluene
Concen: 0.418 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. -0.073 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

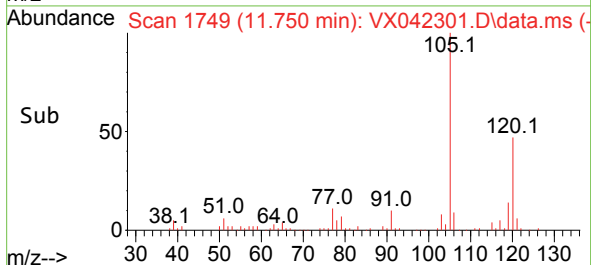
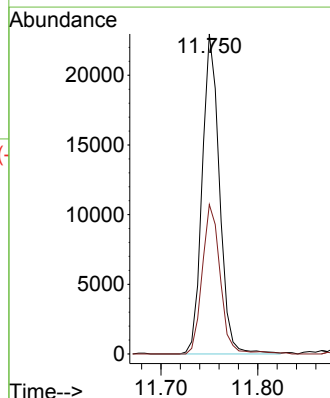
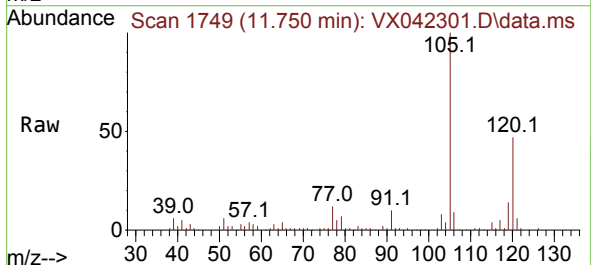
Instrument :
MSVOA_X
ClientSampleId :

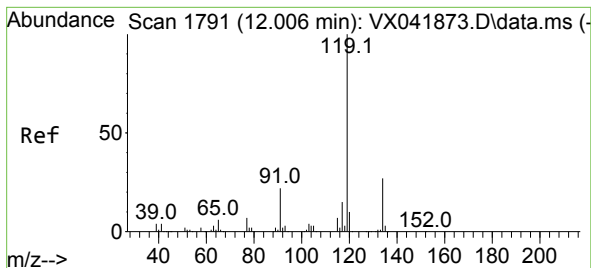
Tgt Ion: 91 Resp: 2238
Ion Ratio Lower Upper
91 100
126 22.7 0.0 64.8



#80
1,2,4-Trimethylbenzene
Concen: 4.937 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion: 105 Resp: 28540
Ion Ratio Lower Upper
105 100
120 48.0 0.0 96.2





#82

p-Isopropyltoluene

Concen: 12.777 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX042301.D

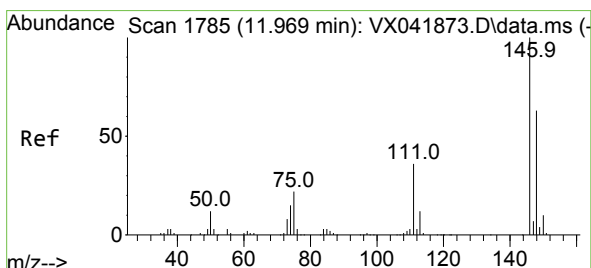
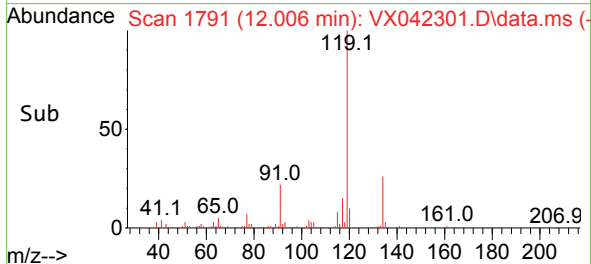
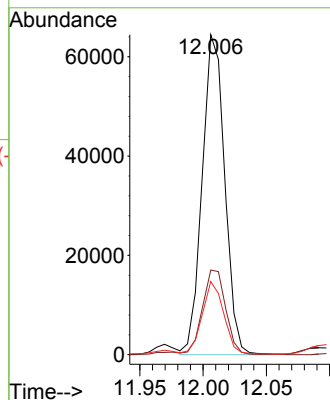
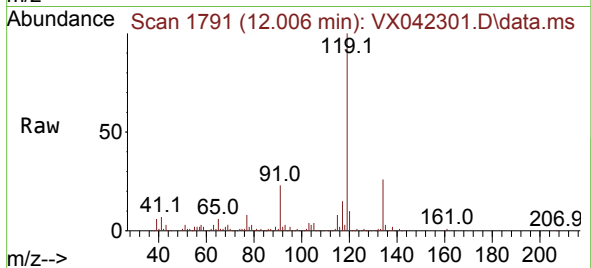
Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	119	Resp:	80207
Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	54.0
91	21.8	0.0	42.2



#83

1,3-Dichlorobenzene

Concen: 3.049 ug/l

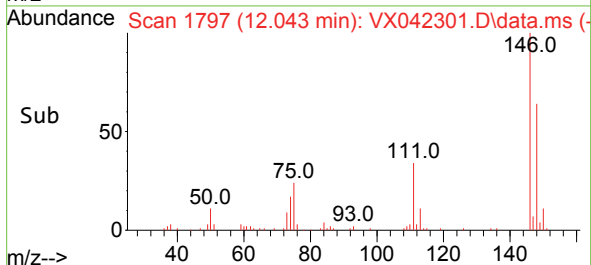
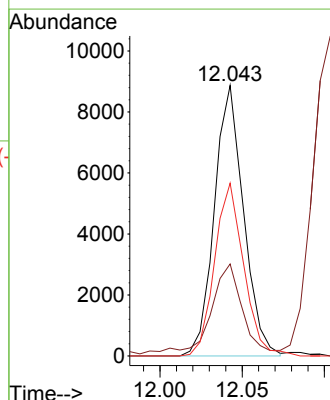
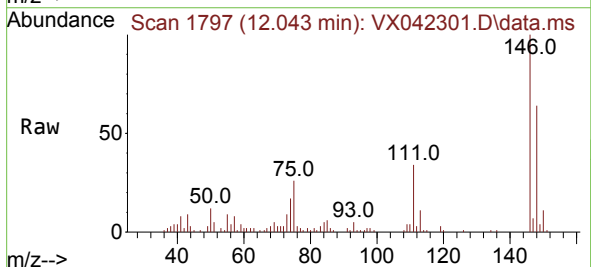
RT: 12.043 min Scan# 1797

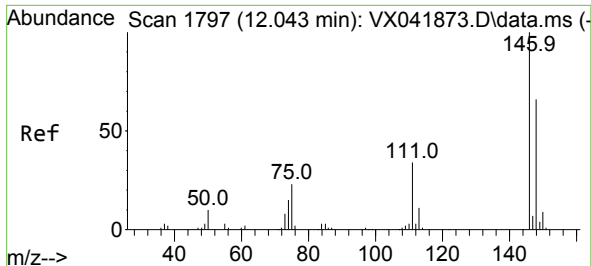
Delta R.T. 0.073 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

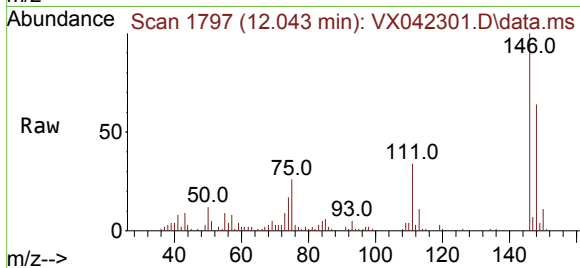
Tgt Ion:	146	Resp:	10952
Ion	Ratio	Lower	Upper
146	100		
111	34.0	18.0	54.0
148	63.7	31.9	95.7



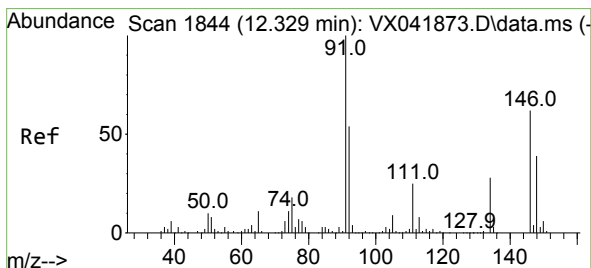
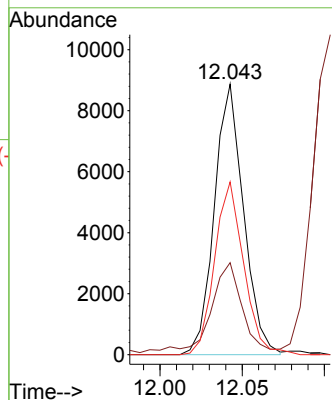
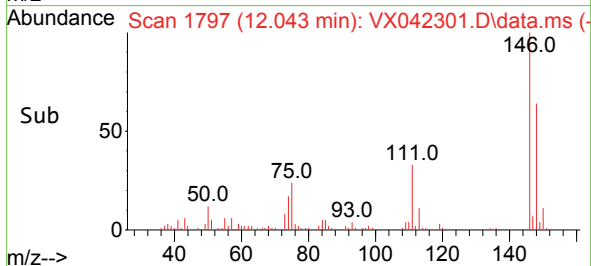


#84
1,4-Dichlorobenzene
Concen: 3.063 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

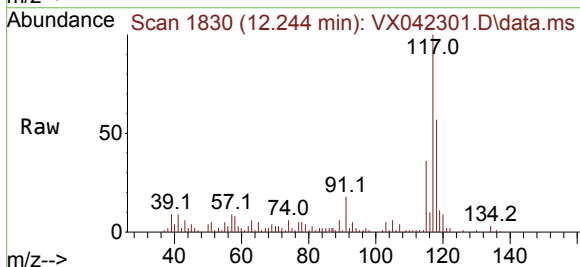
Instrument :
MSVOA_X
ClientSampleId :



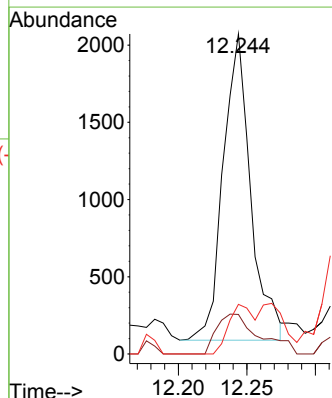
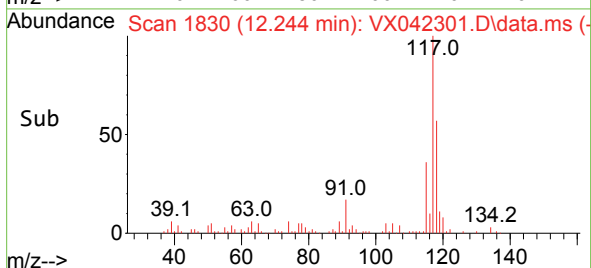
Tgt Ion:146 Resp: 10952
Ion Ratio Lower Upper
146 100
111 34.4 17.4 52.3
148 63.7 32.3 96.9

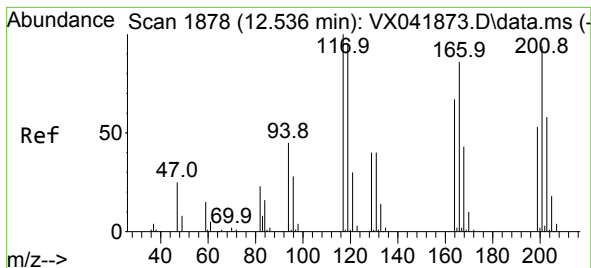


#85
n-Butylbenzene
Concen: 0.570 ug/l
RT: 12.244 min Scan# 1830
Delta R.T. -0.085 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39



Tgt Ion: 91 Resp: 2769
Ion Ratio Lower Upper
91 100
92 20.1 0.0 109.8
134 14.9 0.0 58.4





#86

Hexachloroethane

Concen: 0.427 ug/l

RT: 12.530 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

Instrument :

MSVOA_X

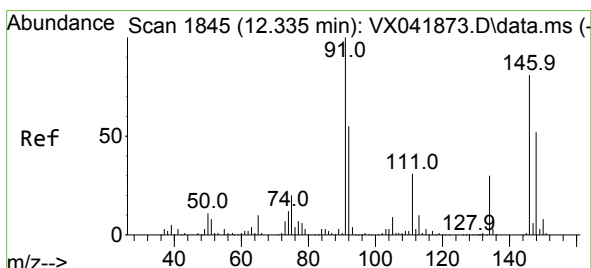
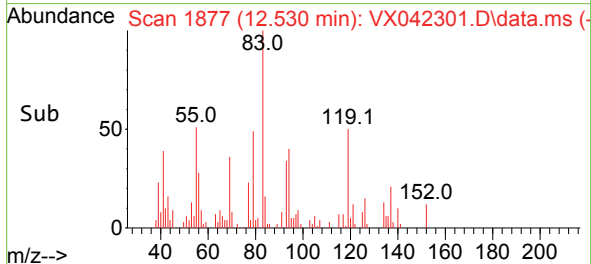
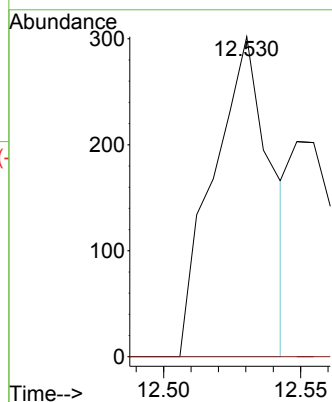
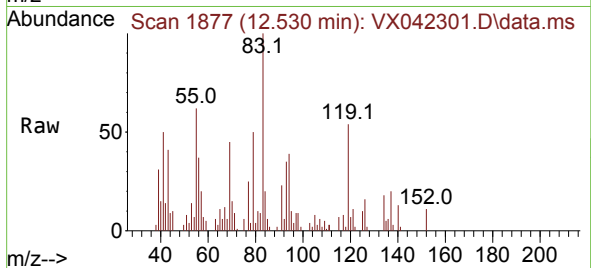
ClientSampleId :

Tgt Ion:117 Resp: 438

Ion Ratio Lower Upper

117 100

201 0.0 48.9 146.8#



#87

1,2-Dichlorobenzene

Concen: 3.015 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.293 min

Lab File: VX042301.D

Acq: 12 Jul 2024 14:39

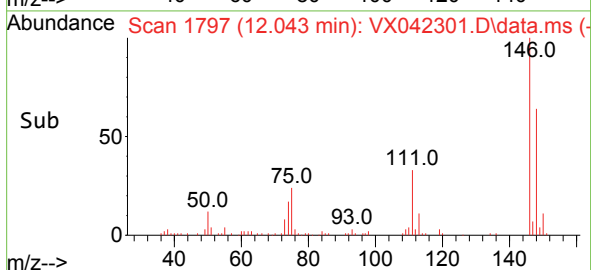
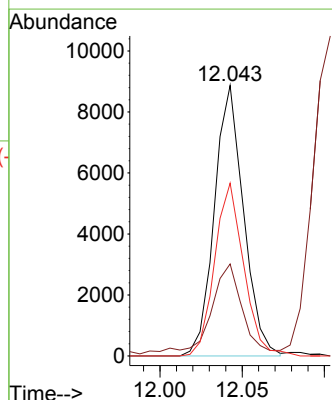
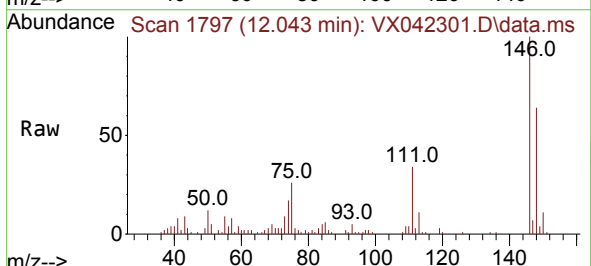
Tgt Ion:146 Resp: 10952

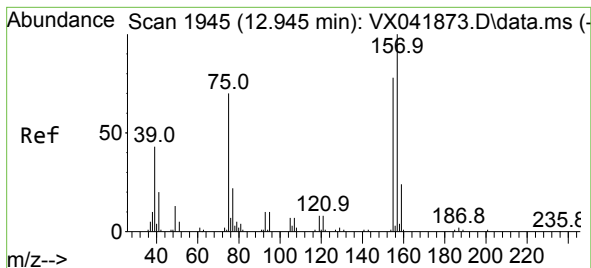
Ion Ratio Lower Upper

146 100

111 33.1 19.1 57.3

148 63.7 32.4 97.0

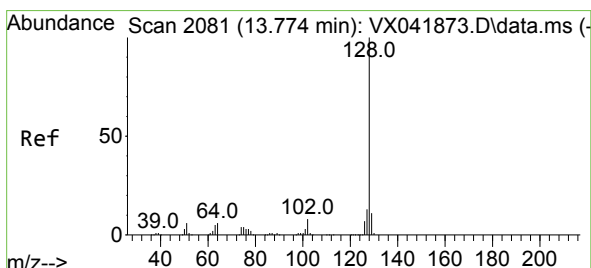
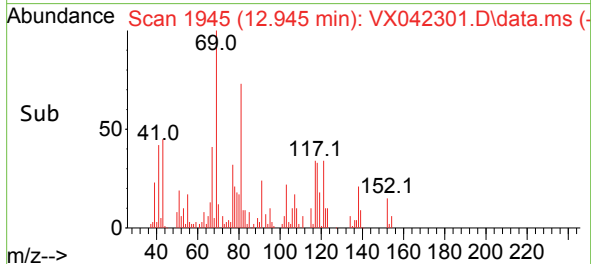
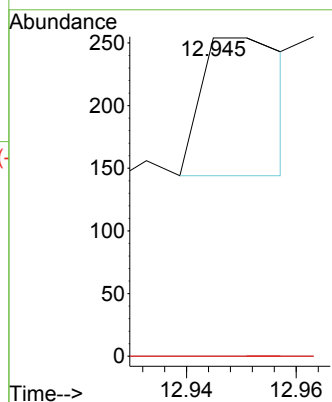
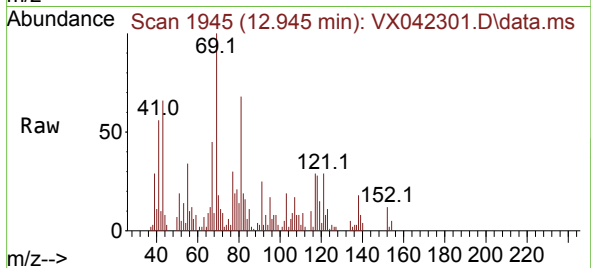




#88
1,2-Dibromo-3-Chloropropane
Concen: 0.237 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 117
Ion Ratio Lower Upper
75 100
155 0.0 88.6 133.0#
157 0.0 112.8 169.2#



#91
Naphthalene
Concen: 26.414 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042301.D
Acq: 12 Jul 2024 14:39

Tgt Ion:128 Resp: 196255
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.2 8.7 13.1

