

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
 Data File : VX041684.D
 Acq On : 30 May 2024 10:29
 Operator : JC/MD
 Sample : VX0530WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 31 05:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	25733	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	138551	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	130618	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	59647	29.434	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.100%
60) 4-Bromofluorobenzene	11.079	95	63251	31.020	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.400%
63) Toluene-d8	8.647	98	165073	29.482	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25378	18.855	ug/l	98
3) Chloromethane	1.300	50	26234	17.799	ug/l	99
4) Vinyl Chloride	1.374	62	27685	17.841	ug/l	93
5) Bromomethane	1.599	94	19444	19.700	ug/l	99
6) Chloroethane	1.666	64	18941	24.142	ug/l	93
7) Trichlorofluoromethane	1.867	101	49309	20.934	ug/l	97
8) Diethyl Ether	2.136	74	19606	22.290	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	29170	21.356	ug/l	100
10) 1,1-Dichloroethene	2.306	96	26474	20.108	ug/l	96
11) Methyl Iodide	2.447	142	34930	22.275	ug/l	98
12) Methyl Acetate	2.703	43	46324	23.362	ug/l	95
13) Acrolein	2.239	56	21218	87.899	ug/l	95
14) Acrylonitrile	3.068	53	88980	102.067	ug/l	99
15) Acetone	2.386	58	26162	112.006	ug/l	98
16) Carbon Disulfide	2.501	76	51076	17.182	ug/l	99
17) Allyl chloride	2.660	41	46201	19.774	ug/l	99
18) Methylene Chloride	2.782	84	32093	20.495	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	27435	18.172	ug/l	99
20) Diisopropyl ether	3.757	45	98452	20.055	ug/l	93
21) 1,1-Dichloroethane	3.605	63	53785	19.522	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	35020	19.089	ug/l	98
23) tert-Butyl Alcohol	3.081	59	2885	7.798	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	98582	20.056	ug/l	97
25) Chloroform	5.086	83	57825	19.702	ug/l	93
26) Cyclohexane	5.464	56	42651	18.564	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	36535	19.934	ug/l	99
30) 2-Butanone	4.562	43	130025	106.884	ug/l	100
31) 2,2-Dichloropropane	4.471	77	43635	20.286	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	49558	20.152	ug/l	100
33) Carbon Tetrachloride	5.672	117	41191	19.576	ug/l	99
34) Benzene	6.031	78	117575	20.313	ug/l	99
35) Methacrylonitrile	4.922	41	25285	20.604	ug/l	95
36) 1,2-Dichloroethane	6.080	62	45553	21.090	ug/l	100
37) Trichloroethene	7.123	130	31768	19.698	ug/l	99
38) Methylcyclohexane	7.373	83	45453	19.532	ug/l	98
39) 1,2-Dichloropropane	7.427	63	28983	21.182	ug/l	97
40) Dibromomethane	7.580	93	22715	21.094	ug/l	98
41) Bromodichloromethane	7.818	83	41971	20.760	ug/l	99
42) Vinyl Acetate	3.721	43	437310	103.610	ug/l	99

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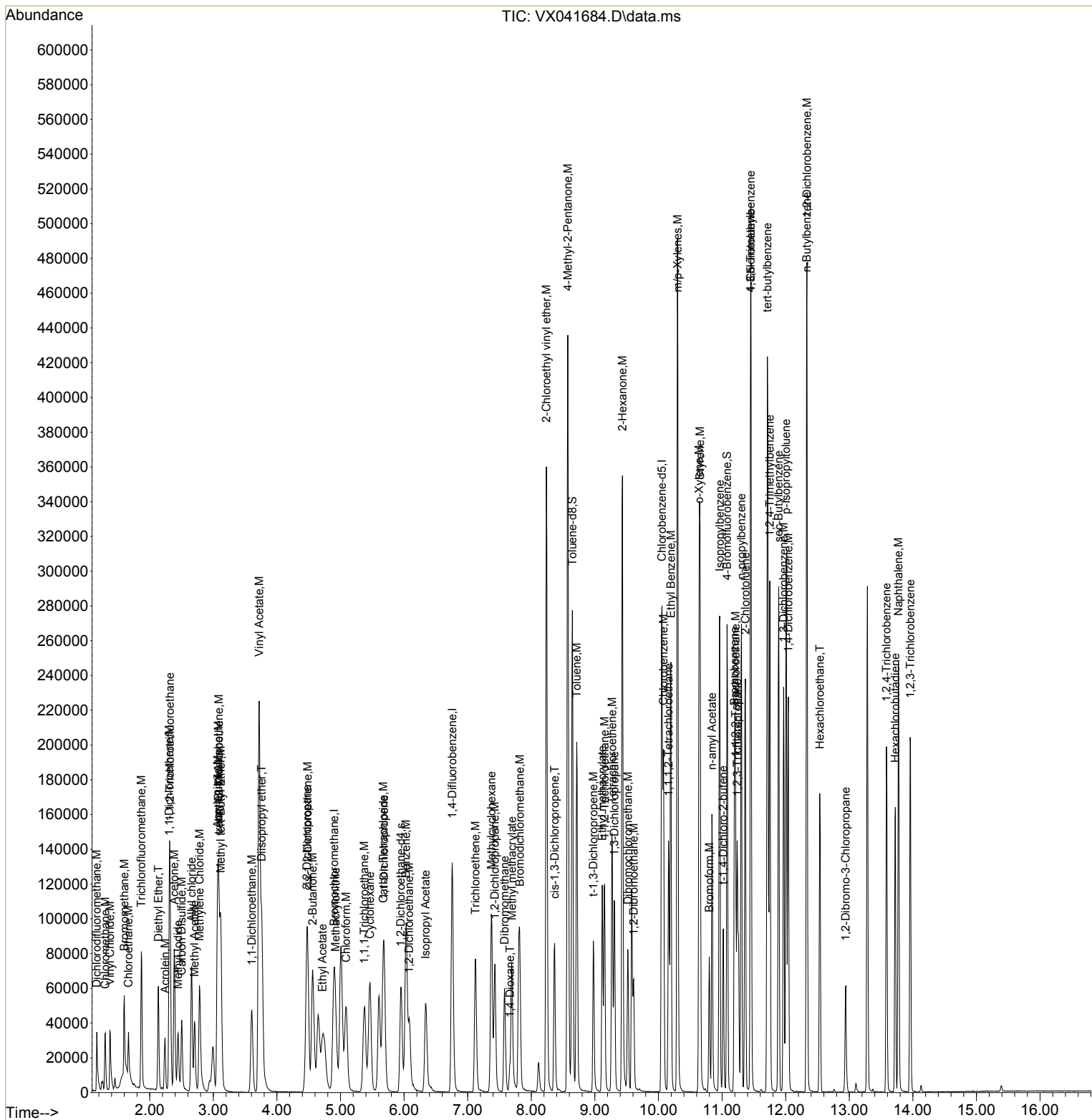
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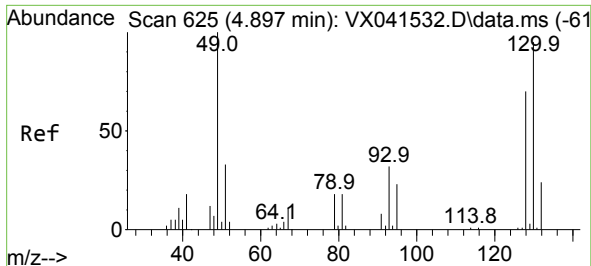
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	47524	20.247	ug/l	99
44) Isopropyl Acetate	6.336	43	75044	21.150	ug/l	99
45) 1,4-Dioxane	7.665	88	14474	361.713	ug/l	93
46) Methyl methacrylate	7.696	41	37323	21.142	ug/l	97
47) n-amyl Acetate	10.841	43	65520	20.363	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	40516	19.956	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	44760	20.354	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	31728	21.180	ug/l	95
51) Ethyl methacrylate	9.116	69	49725	20.622	ug/l	96
52) 1,3-Dichloropropane	9.305	76	52782	21.322	ug/l	100
53) Dibromochloromethane	9.518	129	35195	20.649	ug/l	100
54) 1,2-Dibromoethane	9.610	107	33937	21.363	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	138660	117.814	ug/l	100
56) Bromoform	10.799	173	27693	20.279	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	255650	107.120	ug/l	99
59) 2-Hexanone	9.433	43	200473	105.442	ug/l	99
61) Tetrachloroethene	9.275	164	30902	19.337	ug/l	93
62) Toluene	8.714	91	130589	20.093	ug/l	99
64) Chlorobenzene	10.079	112	89340	20.237	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	31940	20.441	ug/l	99
66) Ethyl Benzene	10.195	91	144995	20.091	ug/l	100
67) m/p-Xylenes	10.299	106	115636	40.974	ug/l	98
68) o-Xylene	10.640	106	57170	20.125	ug/l	100
69) Styrene	10.652	104	96600	20.281	ug/l	100
70) Isopropylbenzene	10.963	105	149650	20.848	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	52939	21.468	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	56162	25.254	ug/l	90
73) Bromobenzene	11.195	156	42611	20.202	ug/l	99
74) n-propylbenzene	11.305	91	166502	20.570	ug/l	100
75) 2-Chlorotoluene	11.366	91	105769	20.808	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	126470	20.641	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	13812	19.760	ug/l	95
78) 4-Chlorotoluene	11.451	91	116992	20.208	ug/l	99
79) tert-butylbenzene	11.713	119	133630	20.492	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	123757	20.152	ug/l	99
81) sec-Butylbenzene	11.890	105	155950	20.466	ug/l	99
82) p-Isopropyltoluene	12.006	119	136011	20.390	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	76344	20.182	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	78279	20.480	ug/l	99
85) n-Butylbenzene	12.329	91	105480	19.651	ug/l	99
86) Hexachloroethane	12.536	117	21554	19.193	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	79023	20.467	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10837	20.011	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	52249	20.140	ug/l	98
90) Hexachlorobutadiene	13.725	225	26516	20.951	ug/l	98
91) Naphthalene	13.774	128	157445	20.306	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	54798	20.674	ug/l	99

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

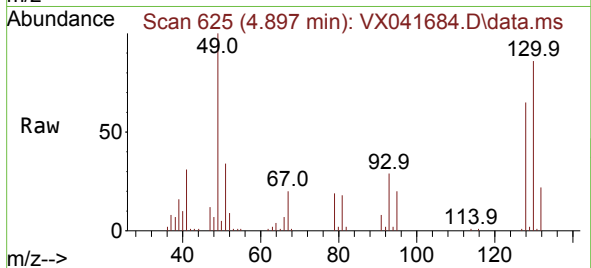
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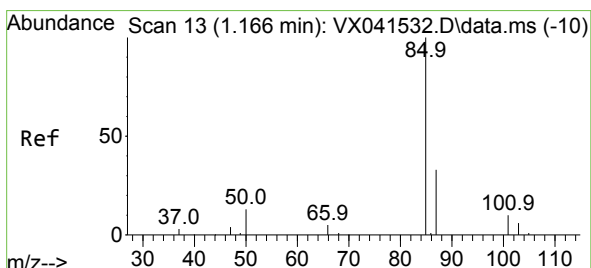
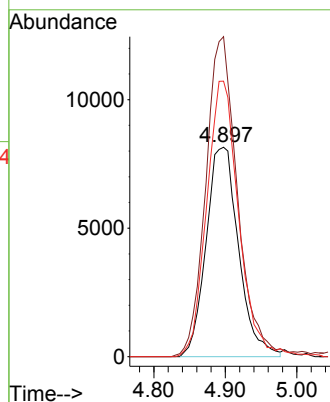
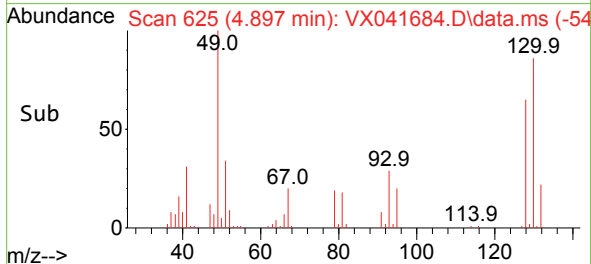


#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.897 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29

Instrument :
 MSVOA_X
 ClientSampleId :

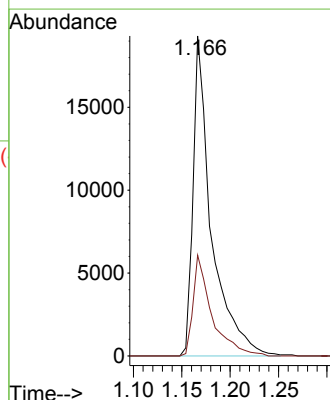
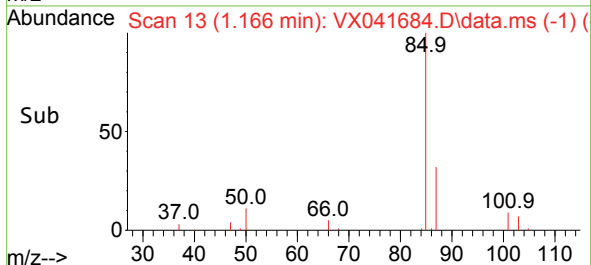
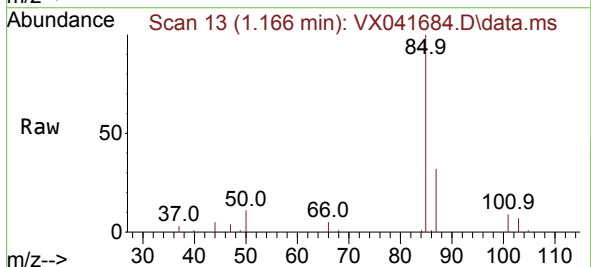


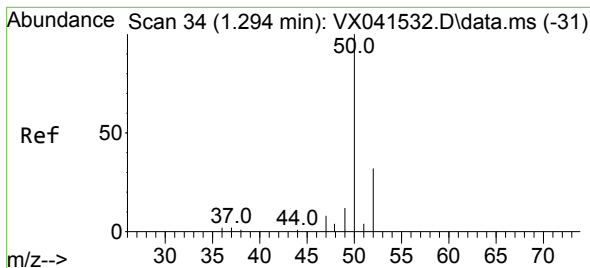
Tgt Ion:128 Resp: 25733
 Ion Ratio Lower Upper
 128 100
 49 148.0 0.0 361.5
 130 129.4 0.0 324.3



#2
 Dichlorodifluoromethane
 Concen: 18.855 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29

Tgt Ion: 85 Resp: 25378
 Ion Ratio Lower Upper
 85 100
 87 31.5 16.4 49.1





#3

Chloromethane

Concen: 17.799 ug/l

RT: 1.300 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

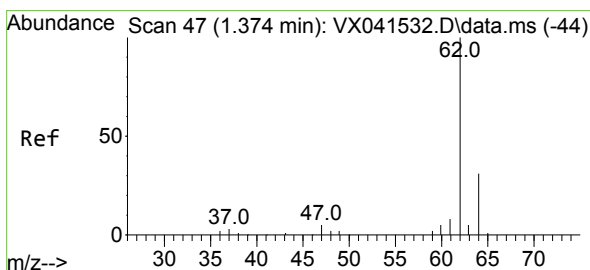
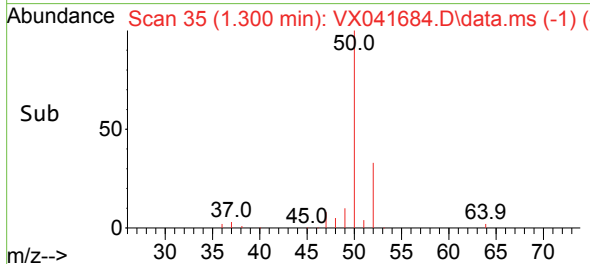
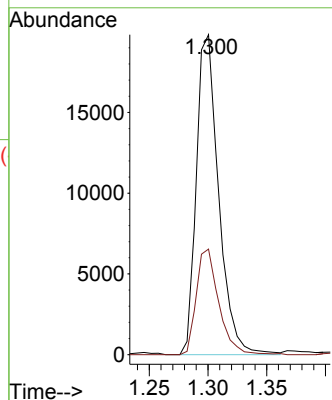
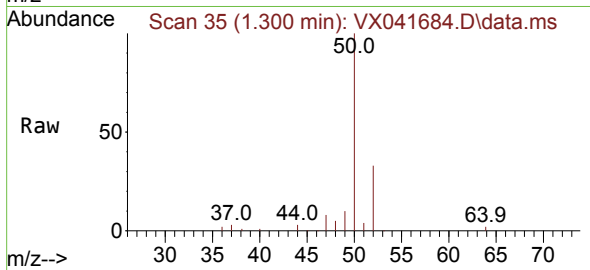
ClientSampleId :

Tgt Ion: 50 Resp: 26234

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 17.841 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041684.D

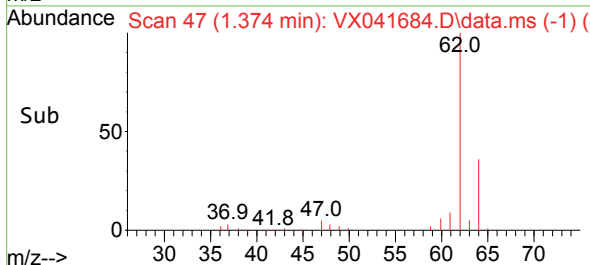
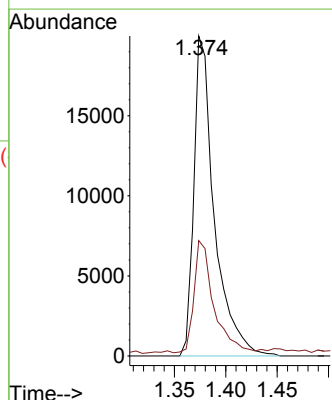
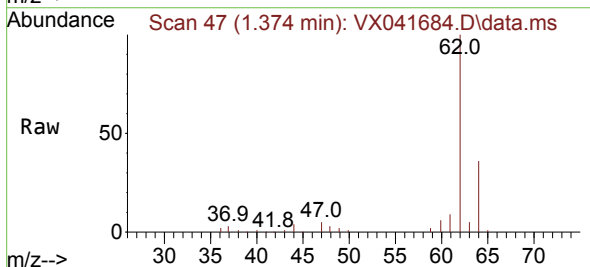
Acq: 30 May 2024 10:29

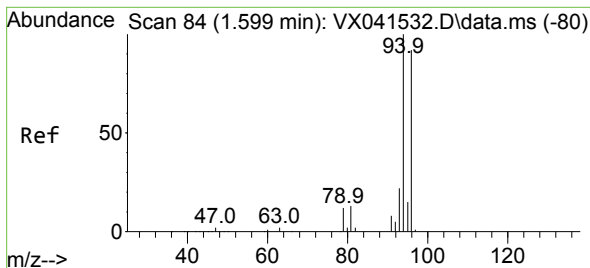
Tgt Ion: 62 Resp: 27685

Ion Ratio Lower Upper

62 100

64 34.8 24.6 37.0





#5

Bromomethane

Concen: 19.700 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

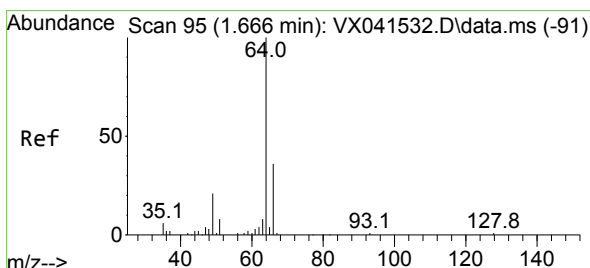
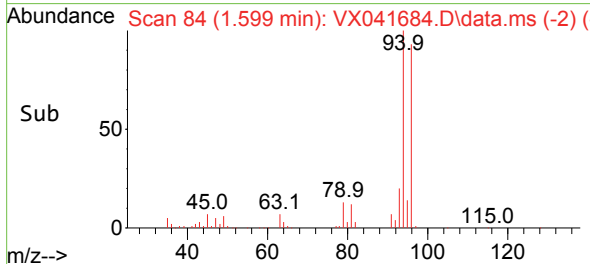
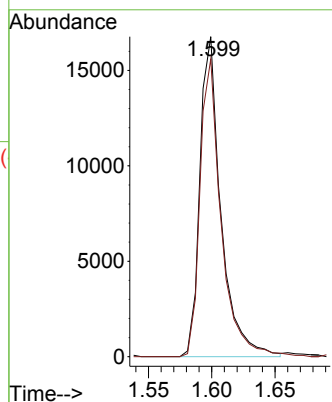
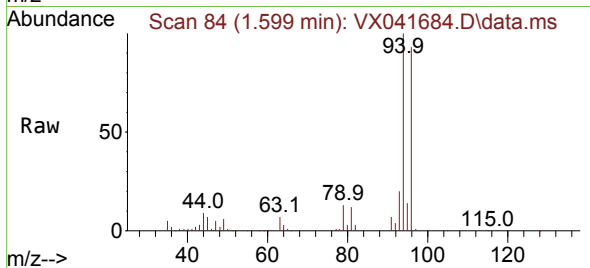
ClientSampleId :

Tgt Ion: 94 Resp: 19444

Ion Ratio Lower Upper

94 100

96 93.1 73.9 110.9



#6

Chloroethane

Concen: 24.142 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041684.D

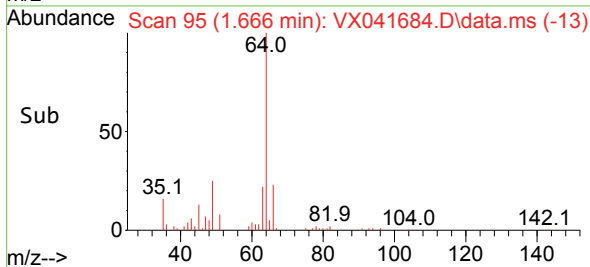
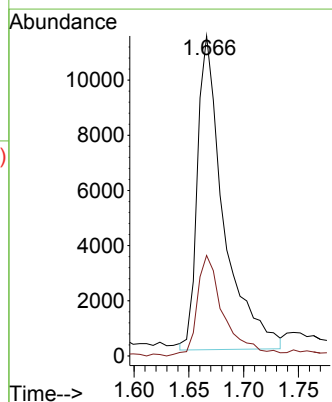
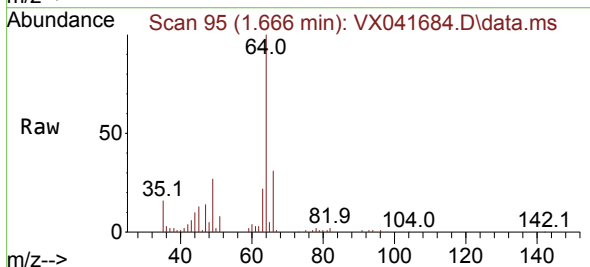
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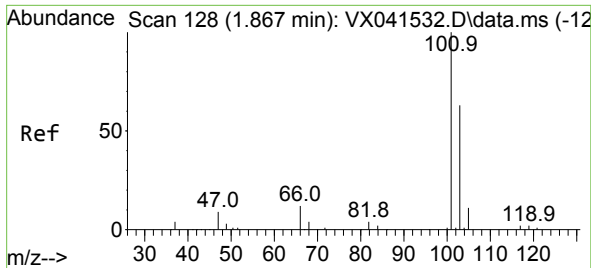
Tgt Ion: 64 Resp: 18941

Ion Ratio Lower Upper

64 100

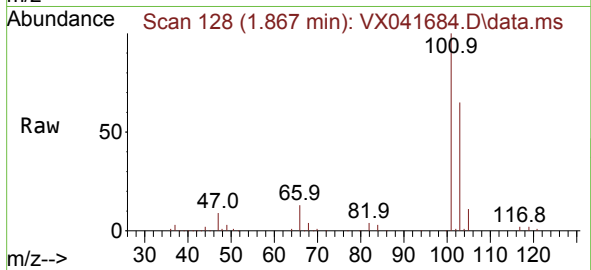
66 31.6 28.6 42.8



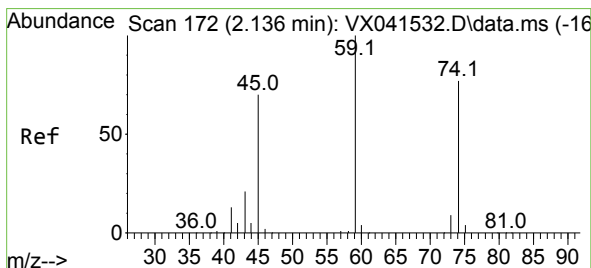
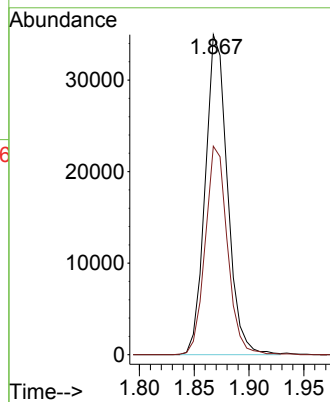
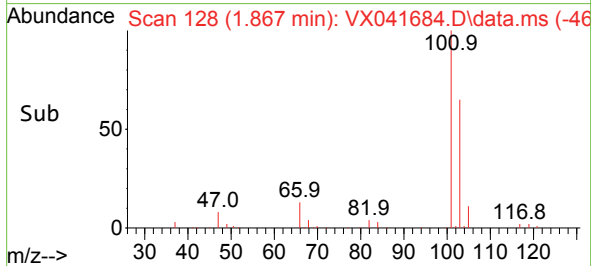


#7
Trichlorofluoromethane
Concen: 20.934 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Instrument :
MSVOA_X
ClientSampleId :

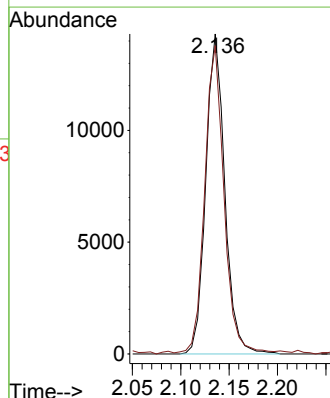
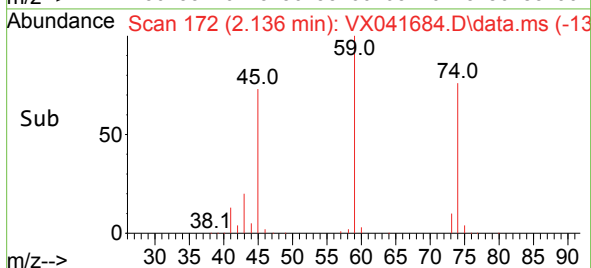
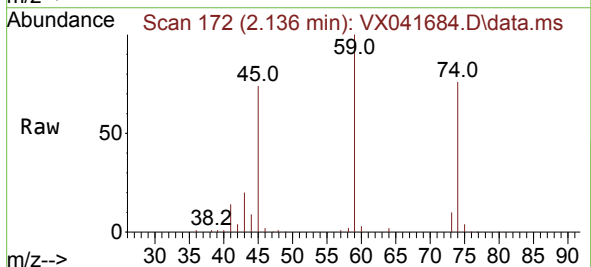


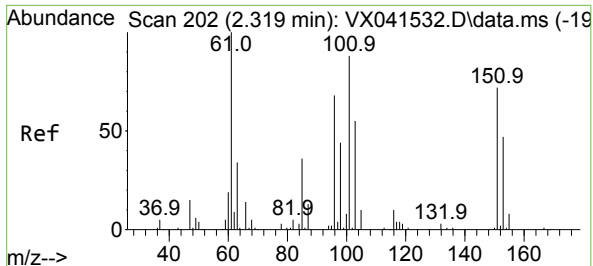
Tgt Ion:101 Resp: 49309
Ion Ratio Lower Upper
101 100
103 65.0 50.1 75.1



#8
Diethyl Ether
Concen: 22.290 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 74 Resp: 19606
Ion Ratio Lower Upper
74 100
45 97.4 18.6 167.4

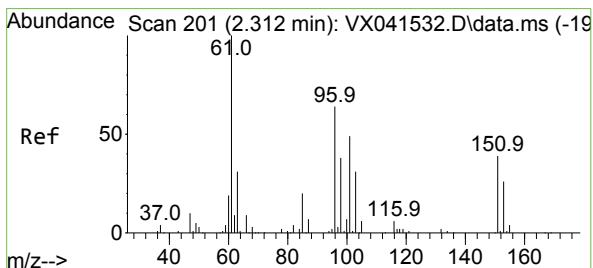
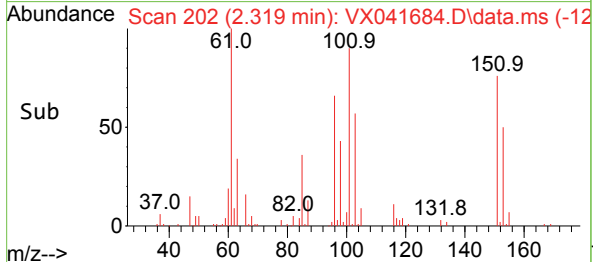
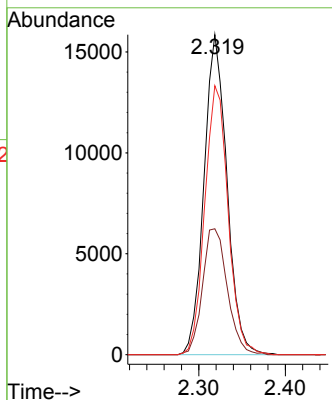
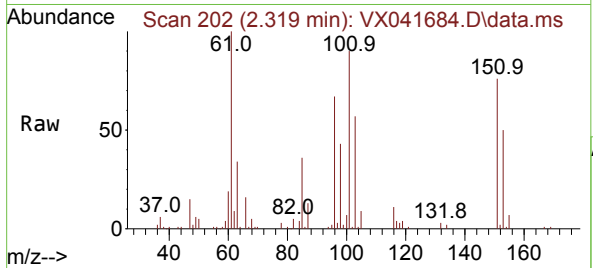




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.356 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29

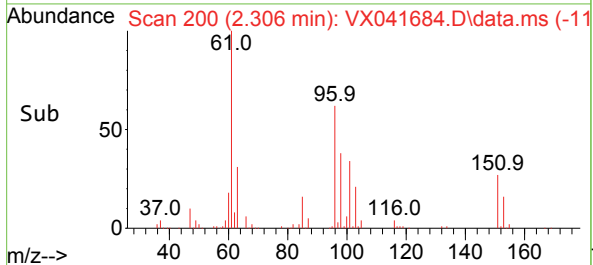
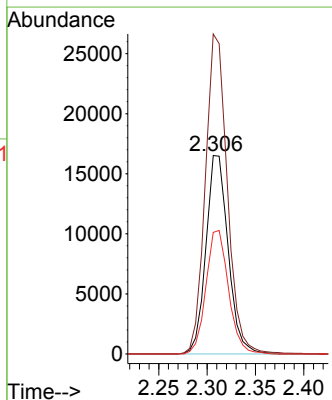
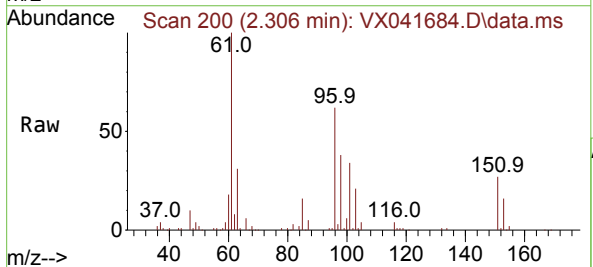
Instrument :
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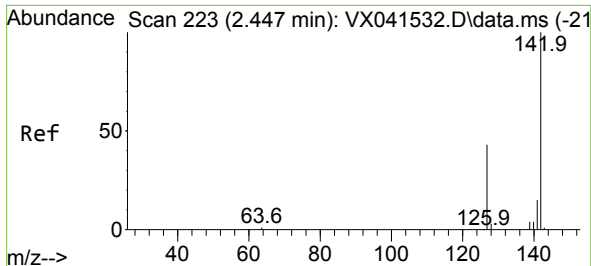
Tgt Ion:101 Resp: 29170
 Ion Ratio Lower Upper
 101 100
 85 42.6 0.0 84.6
 151 85.6 0.0 170.2



#10
 1,1-Dichloroethene
 Concen: 20.108 ug/l
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29

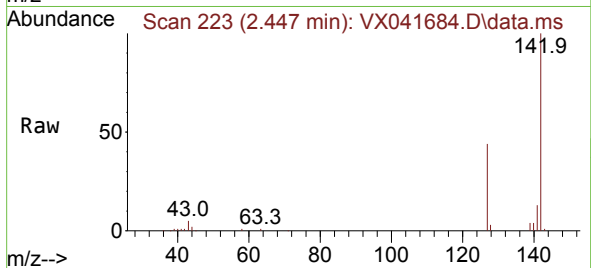
Tgt Ion: 96 Resp: 26474
 Ion Ratio Lower Upper
 96 100
 61 161.3 124.5 186.7
 98 61.3 47.9 71.9



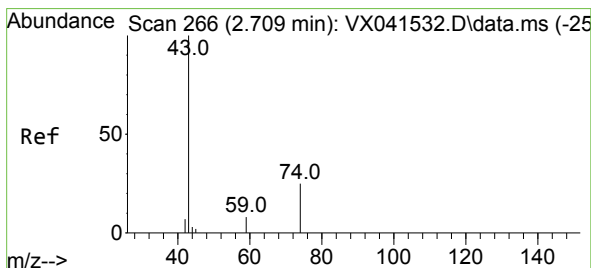
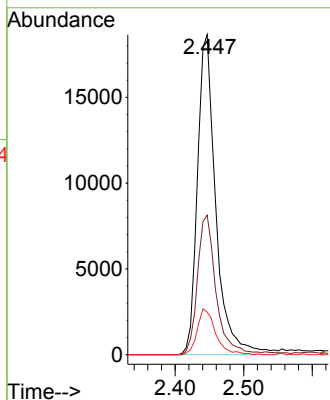
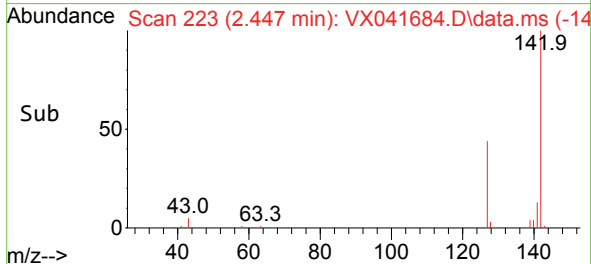


#11
Methyl Iodide
Concen: 22.275 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Instrument :
MSVOA_X
ClientSampleId :

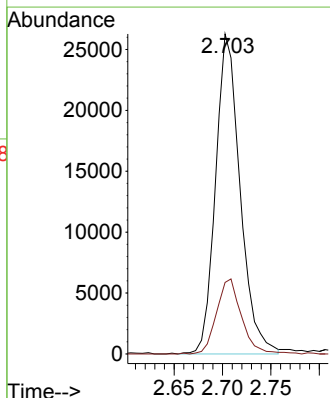
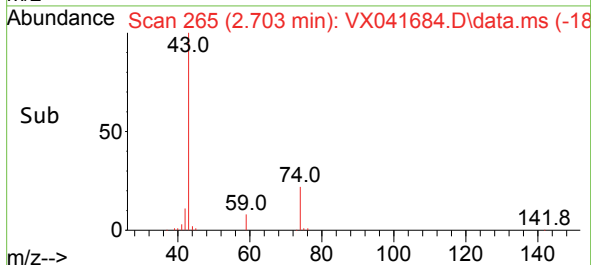
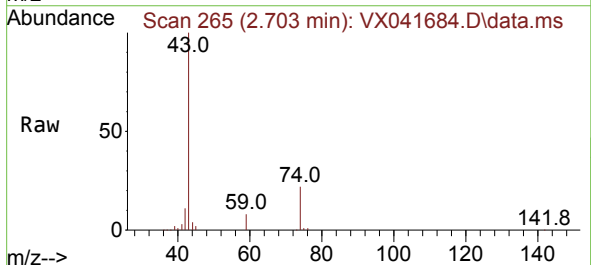


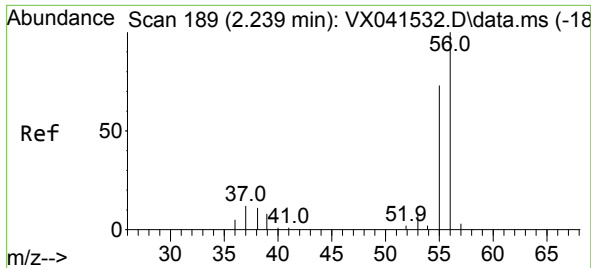
Tgt Ion:142 Resp: 34930
Ion Ratio Lower Upper
142 100
127 43.5 21.4 64.2
141 13.2 7.6 22.8



#12
Methyl Acetate
Concen: 23.362 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 43 Resp: 46324
Ion Ratio Lower Upper
43 100
74 22.3 19.9 29.9





#13

Acrolein

Concen: 87.899 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

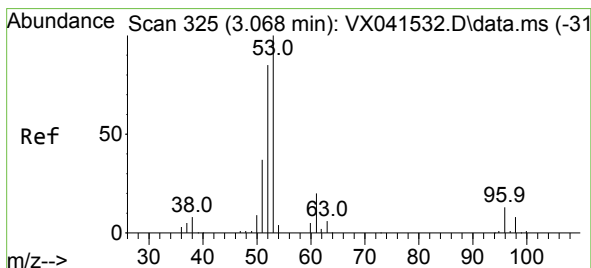
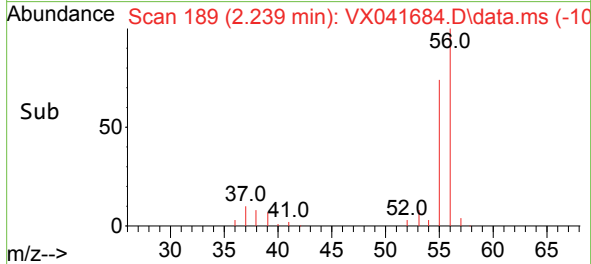
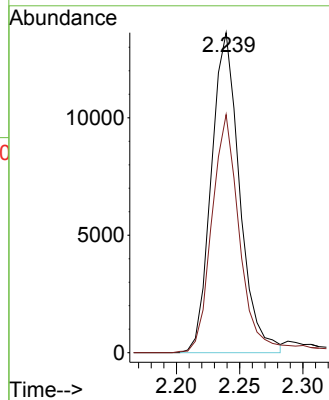
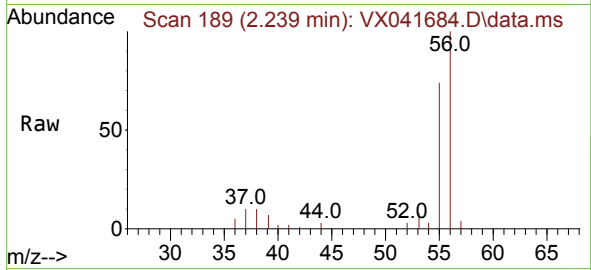
ClientSampleId :

Tgt Ion: 56 Resp: 21218

Ion Ratio Lower Upper

56 100

55 72.8 55.1 82.7



#14

Acrylonitrile

Concen: 102.067 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

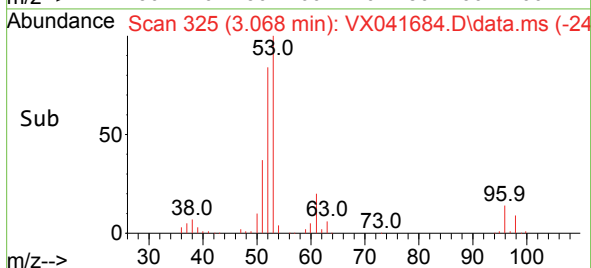
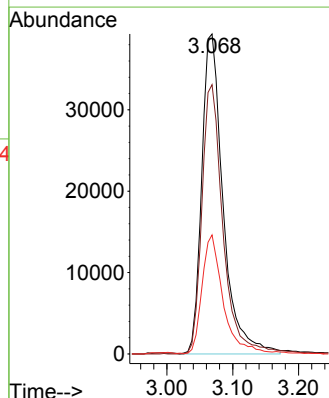
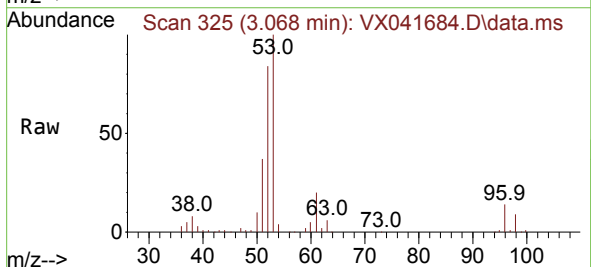
Tgt Ion: 53 Resp: 88980

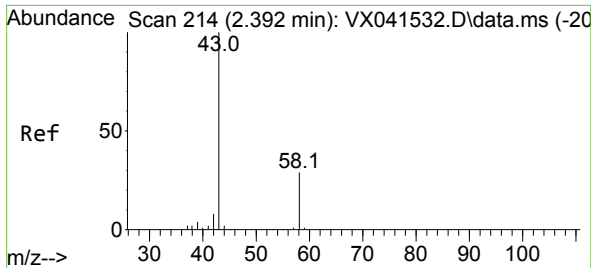
Ion Ratio Lower Upper

53 100

52 83.2 41.3 123.7

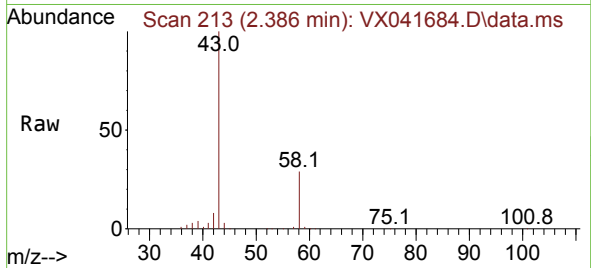
51 36.1 18.4 55.0



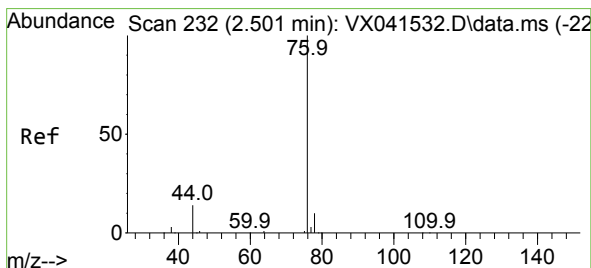
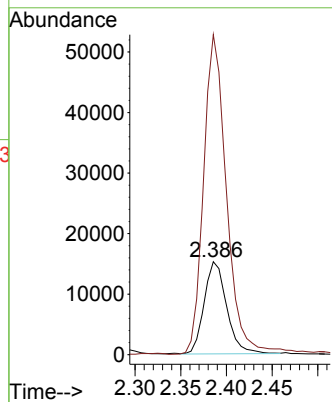
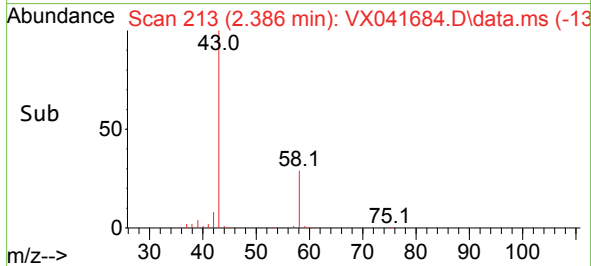


#15
Acetone
Concen: 112.006 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

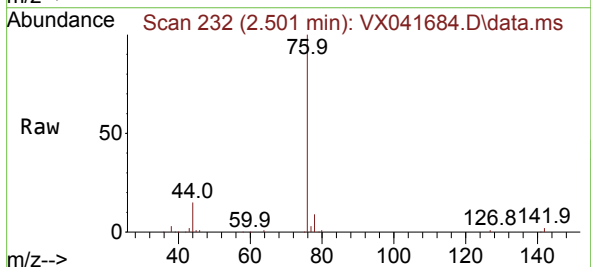
Instrument :
MSVOA_X
ClientSampleId :



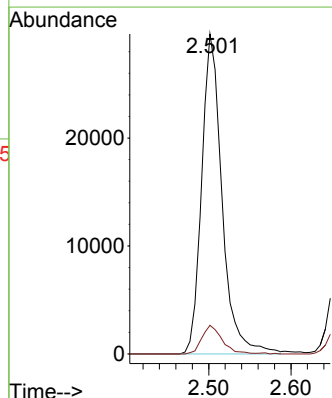
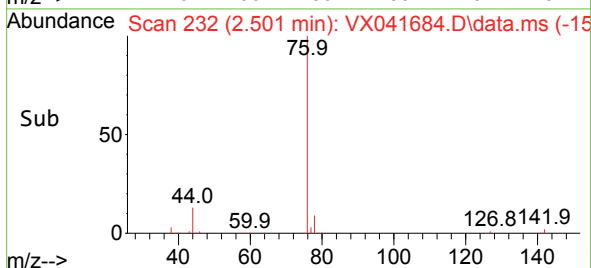
Tgt Ion: 58 Resp: 26162
Ion Ratio Lower Upper
58 100
43 347.8 274.0 411.0

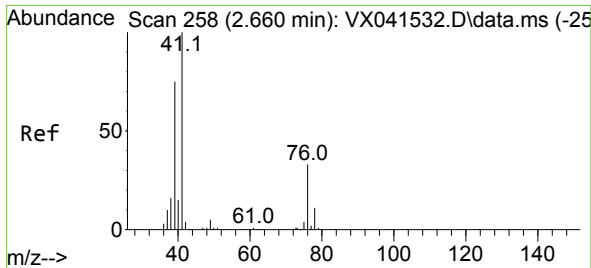


#16
Carbon Disulfide
Concen: 17.182 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29



Tgt Ion: 76 Resp: 51076
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4





#17

Allyl chloride

Concen: 19.774 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

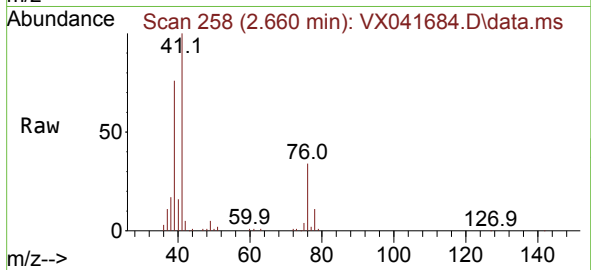
Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :



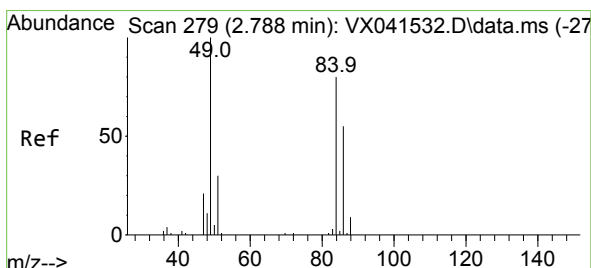
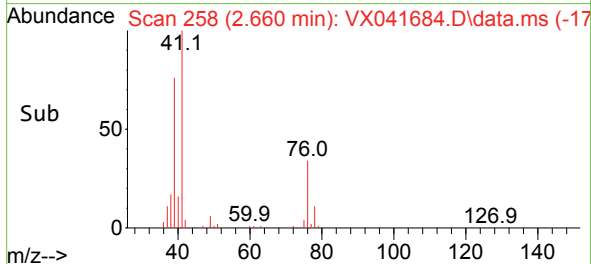
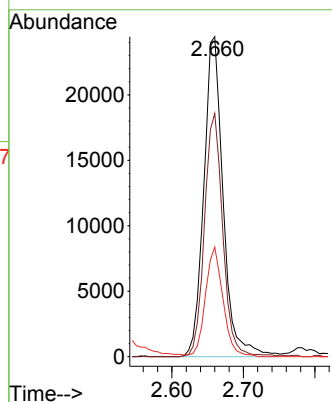
Tgt Ion: 41 Resp: 46201

Ion Ratio Lower Upper

41 100

39 76.0 37.5 112.7

76 34.2 16.6 49.8



#18

Methylene Chloride

Concen: 20.495 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Tgt Ion: 84 Resp: 32093

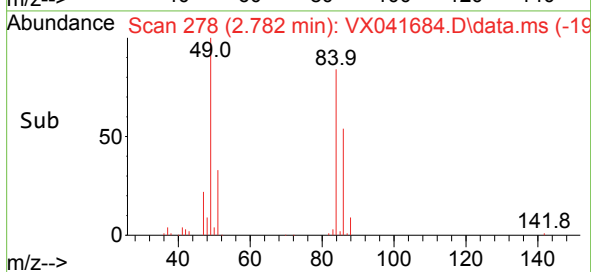
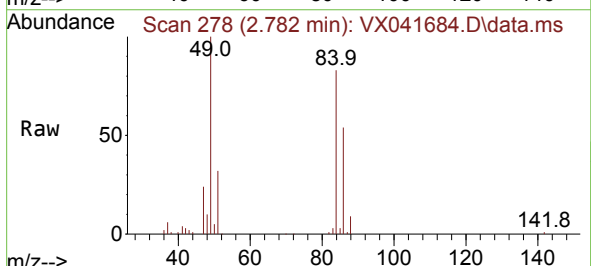
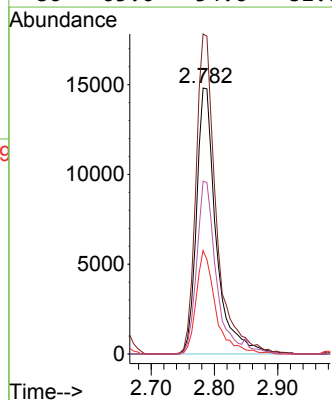
Ion Ratio Lower Upper

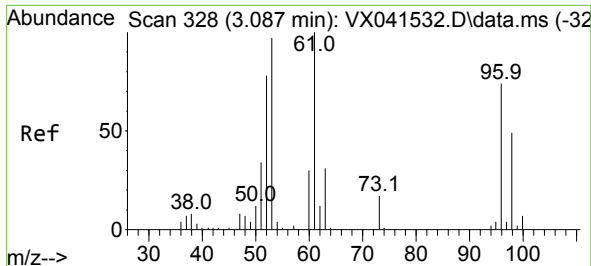
84 100

49 119.9 99.8 149.8

51 38.9 30.2 45.4

86 65.0 54.6 81.8





#19

trans-1,2-Dichloroethene

Concen: 18.172 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :

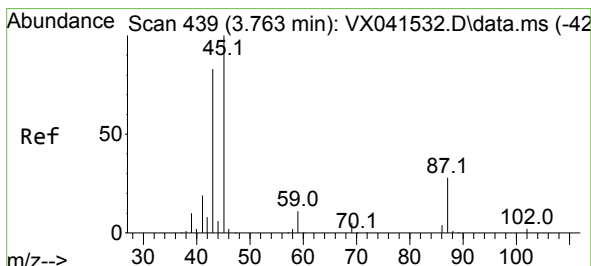
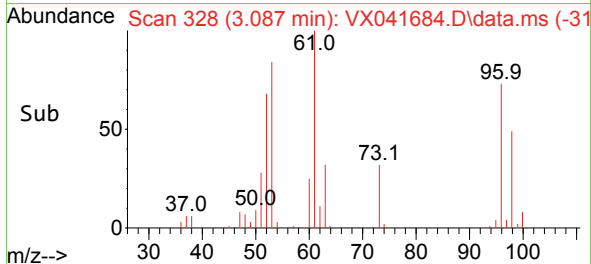
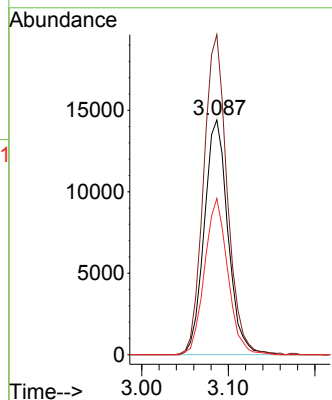
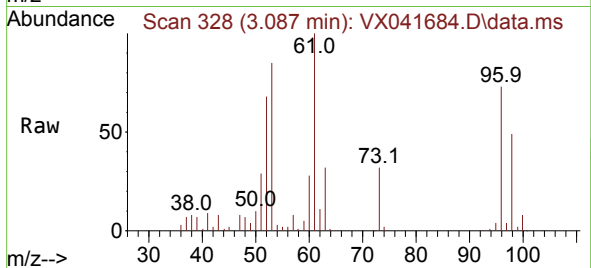
Tgt Ion: 96 Resp: 27435

Ion Ratio Lower Upper

96 100

61 135.8 107.7 161.5

98 66.5 53.1 79.7



#20

Diisopropyl ether

Concen: 20.055 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Tgt Ion: 45 Resp: 98452

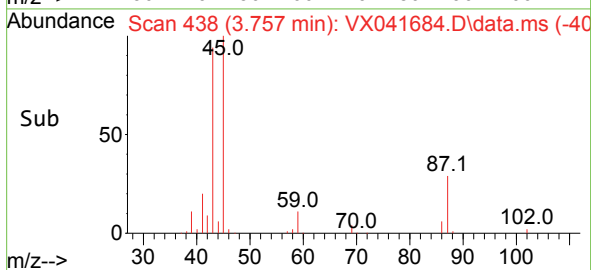
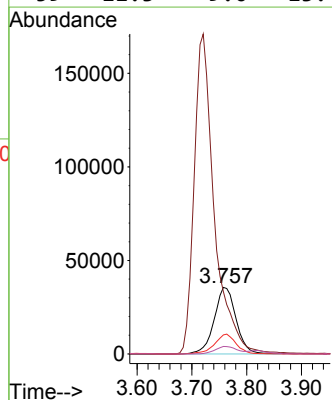
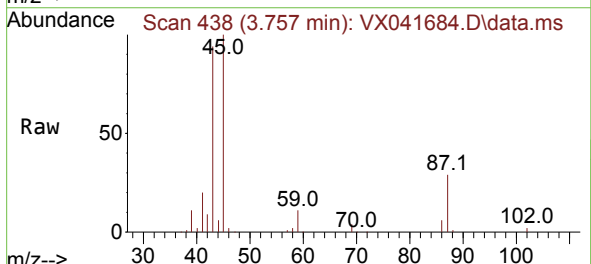
Ion Ratio Lower Upper

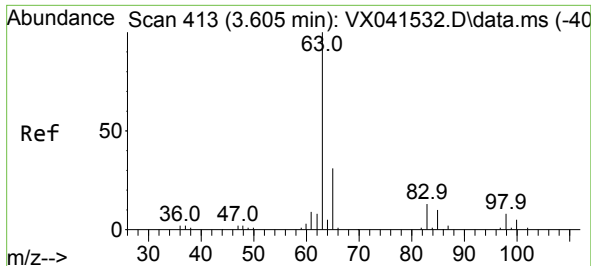
45 100

43 91.8 66.7 100.1

87 28.6 22.4 33.6

59 11.3 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.522 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041684.D

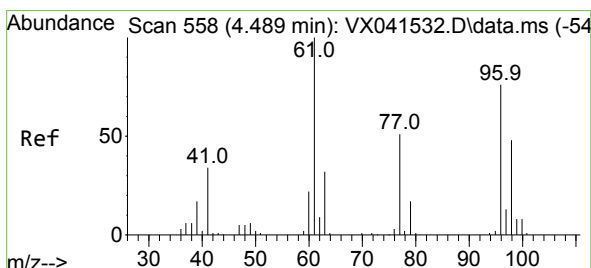
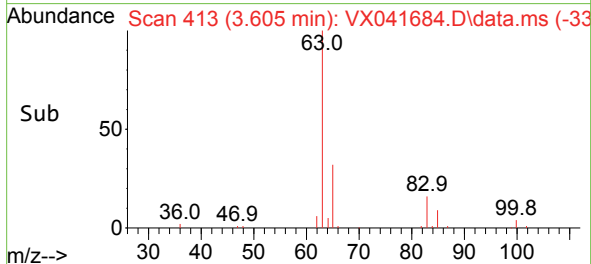
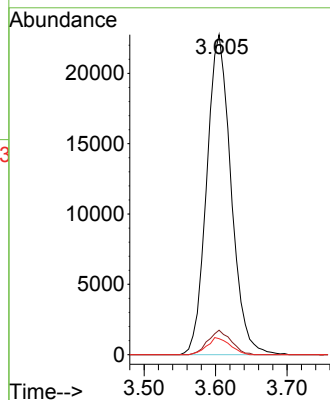
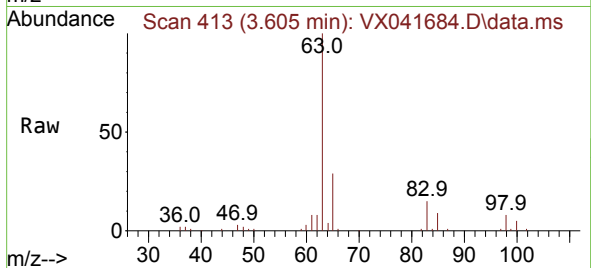
Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	53785
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.8	11.4
100	5.0	2.5	7.4



#22

cis-1,2-Dichloroethene

Concen: 19.089 ug/l

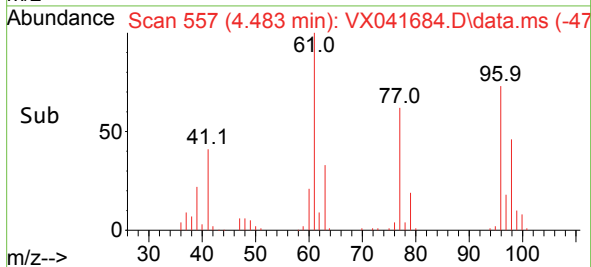
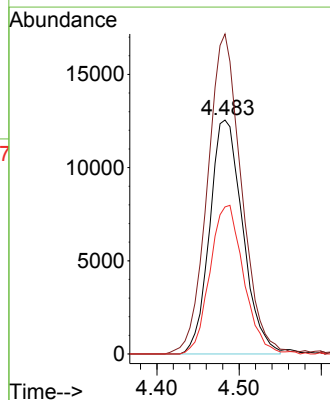
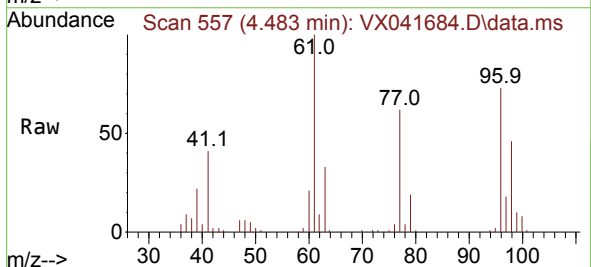
RT: 4.483 min Scan# 557

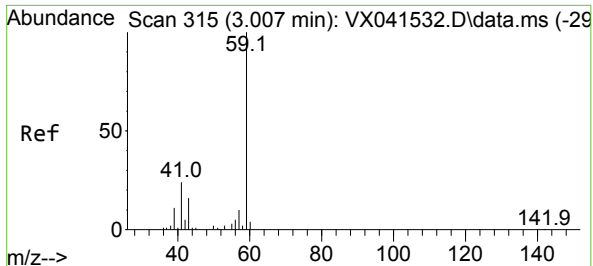
Delta R.T. -0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Tgt Ion:	96	Resp:	35020
Ion Ratio	Lower	Upper	
96	100		
61	140.6	114.2	171.4
98	64.4	52.6	79.0

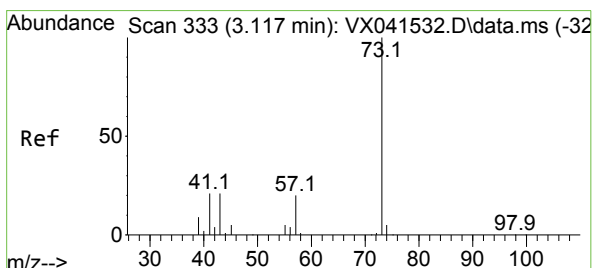
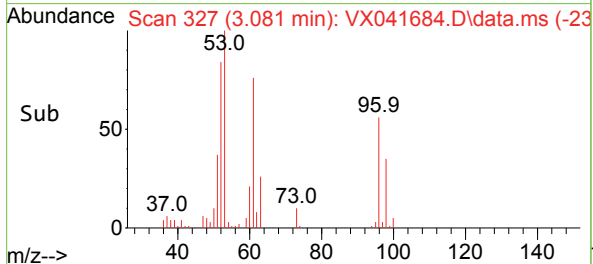
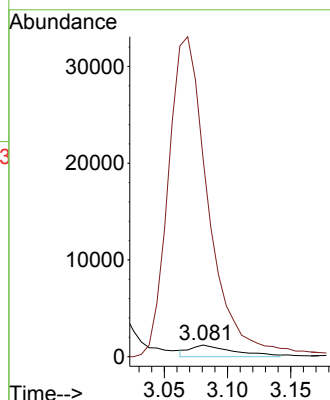
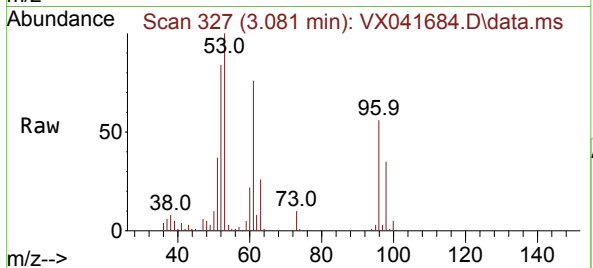




#23
tert-Butyl Alcohol
Concen: 7.798 ug/l
RT: 3.081 min Scan# 315
Delta R.T. 0.073 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

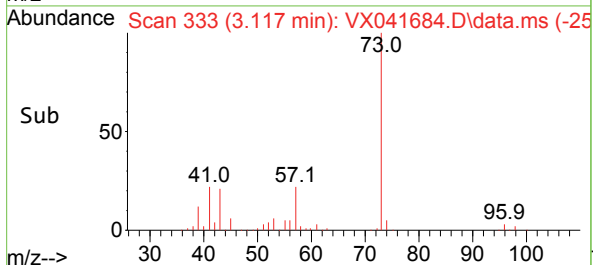
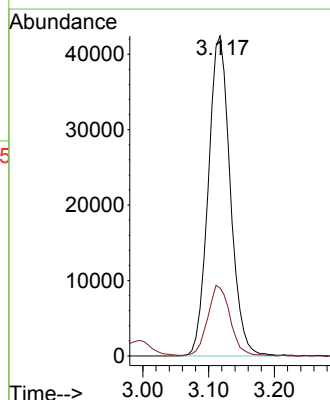
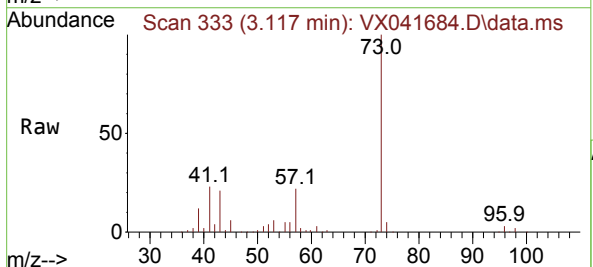
Instrument :
MSVOA_X
ClientSampleId :

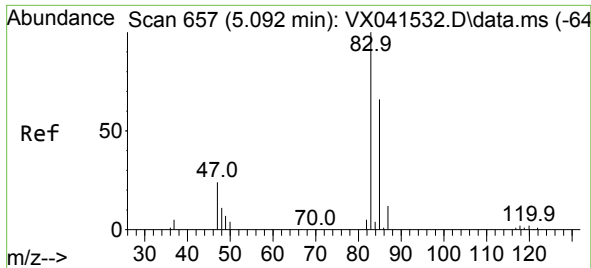
Tgt Ion: 59 Resp: 2885
Ion Ratio Lower Upper
59 100
52 2565.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.056 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 73 Resp: 98582
Ion Ratio Lower Upper
73 100
43 22.7 17.2 25.8

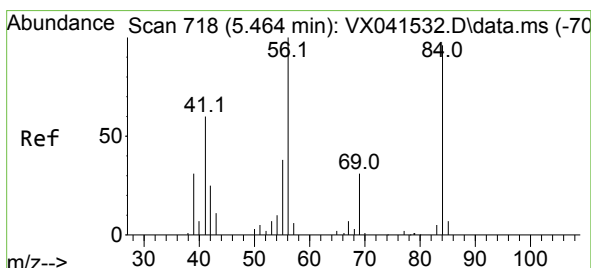
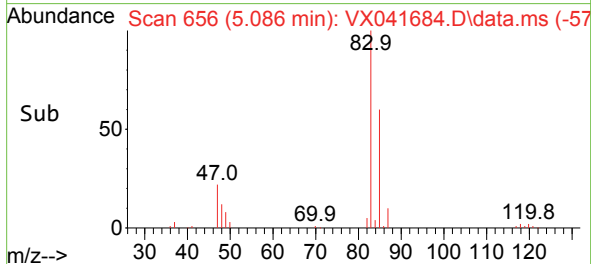
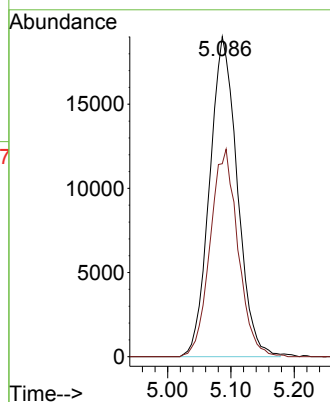
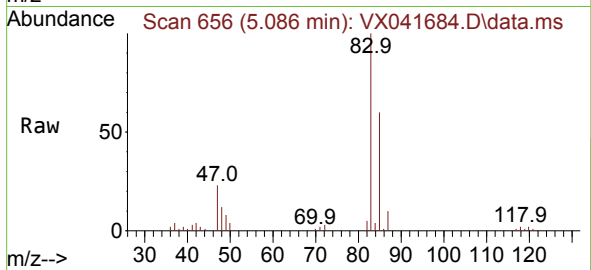




#25
Chloroform
Concen: 19.702 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

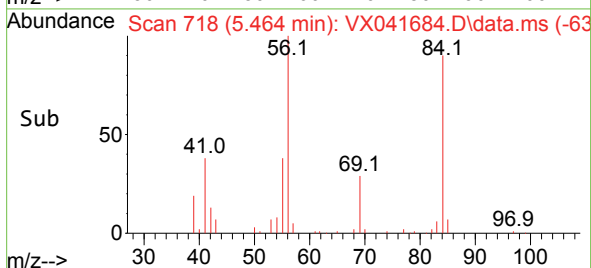
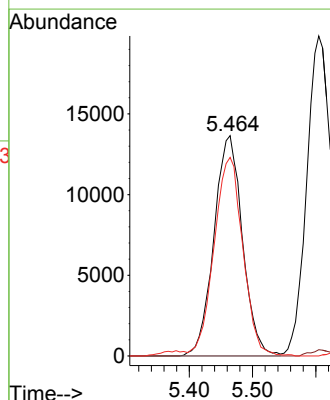
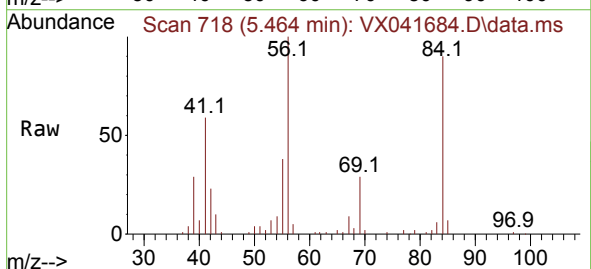
Instrument :
MSVOA_X
ClientSampleId :

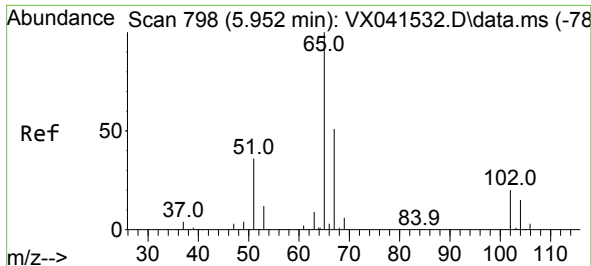
Tgt Ion: 83 Resp: 57825
Ion Ratio Lower Upper
83 100
85 60.3 52.9 79.3



#26
Cyclohexane
Concen: 18.564 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 56 Resp: 42651
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.0 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 29.434 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

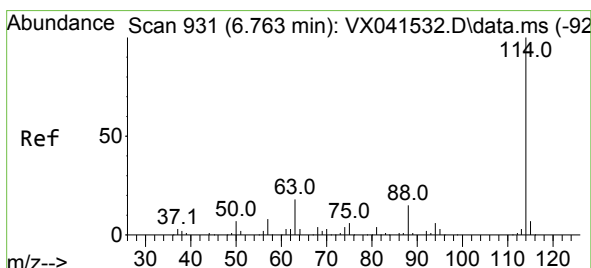
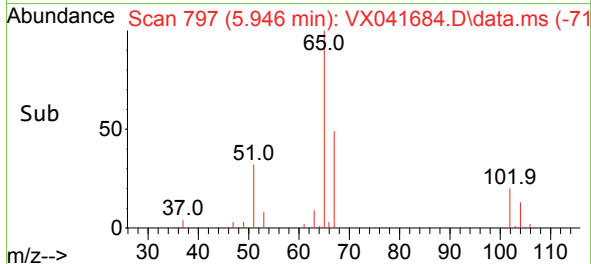
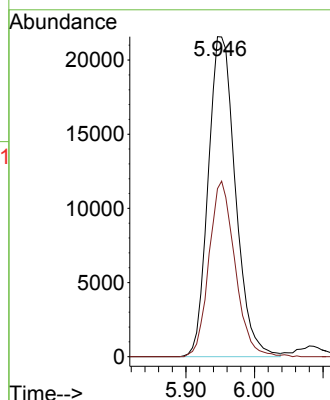
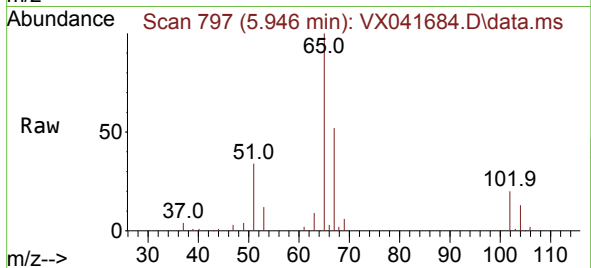
ClientSampleId :

Tgt Ion: 65 Resp: 59647

Ion Ratio Lower Upper

65 100

67 52.2 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

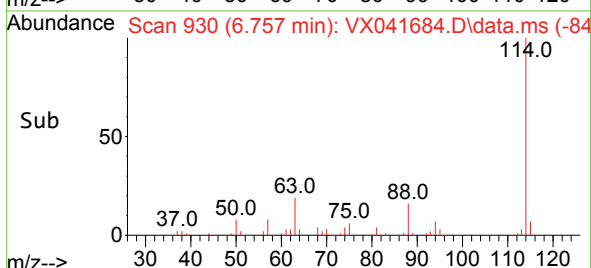
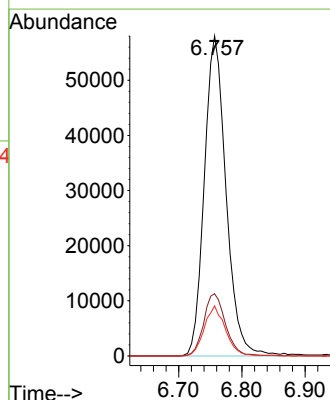
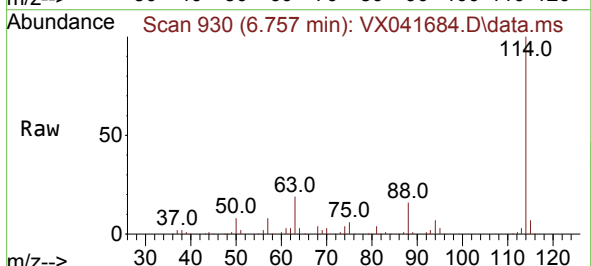
Tgt Ion: 114 Resp: 138551

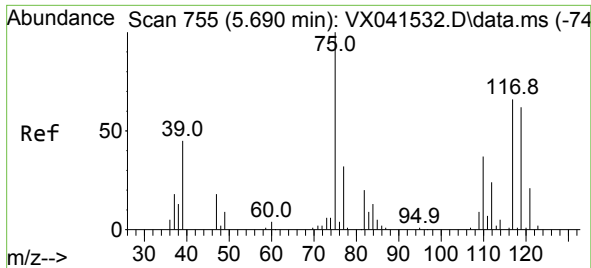
Ion Ratio Lower Upper

114 100

63 19.2 15.4 23.0

88 15.3 12.2 18.2

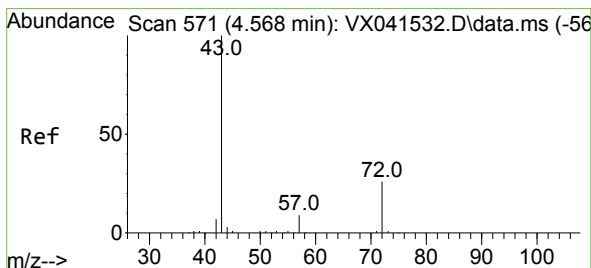
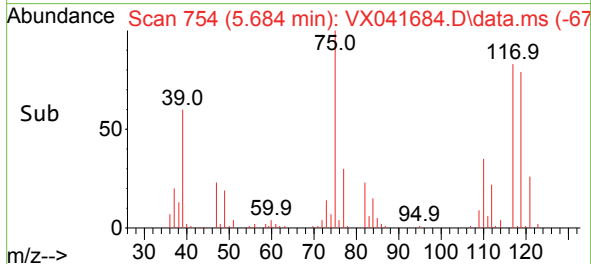
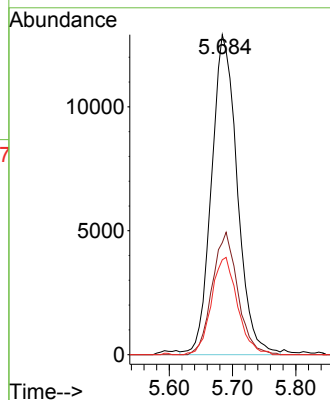
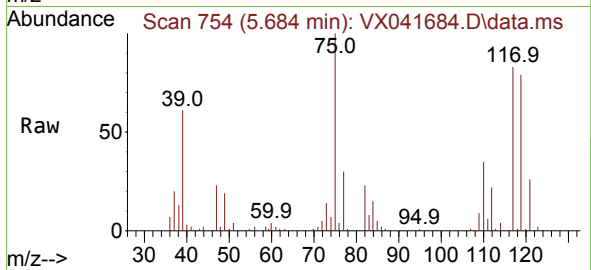




#29
1,1-Dichloropropene
Concen: 19.934 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

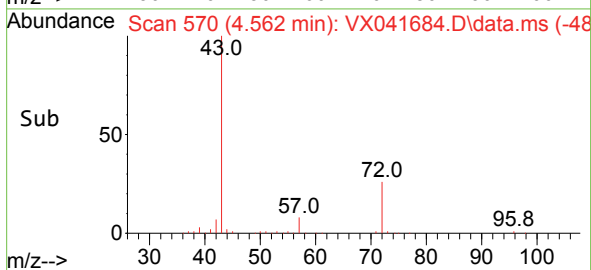
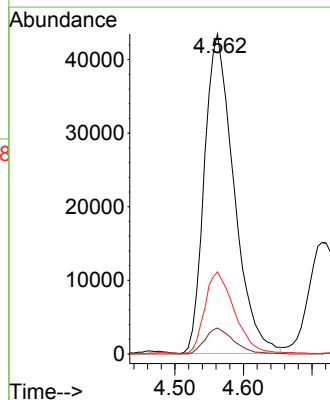
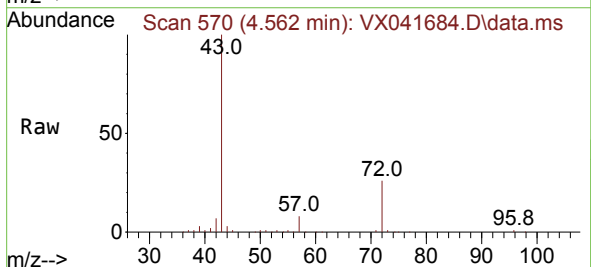
Instrument :
MSVOA_X
ClientSampleId :

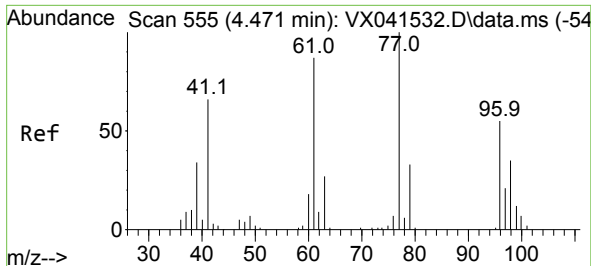
Tgt Ion: 75 Resp: 36535
Ion Ratio Lower Upper
75 100
110 37.9 0.0 74.4
77 30.5 0.0 62.6



#30
2-Butanone
Concen: 106.884 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 43 Resp: 130025
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 26.0 20.7 31.1

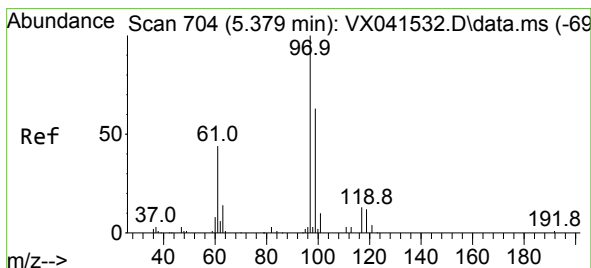
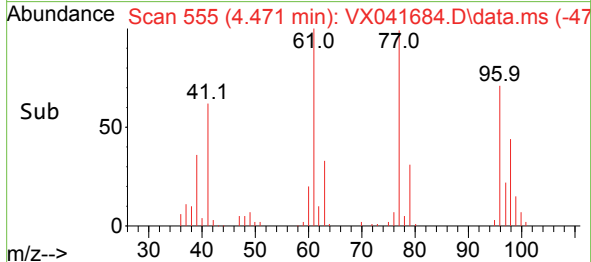
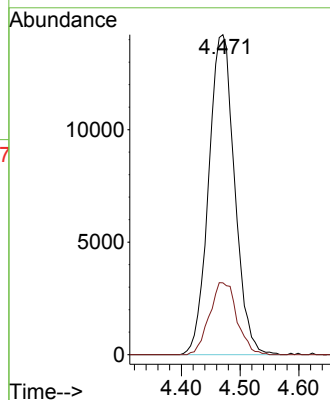
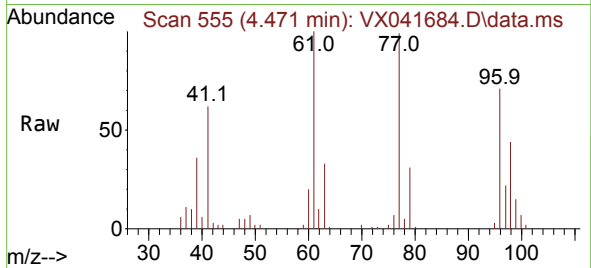




#31
2,2-Dichloropropane
Concen: 20.286 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

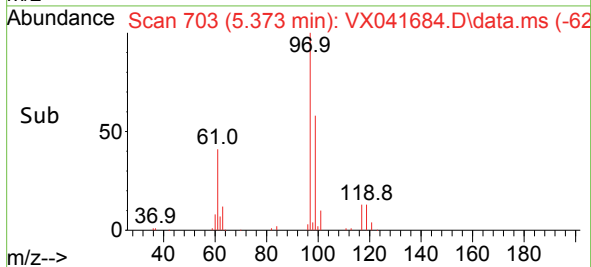
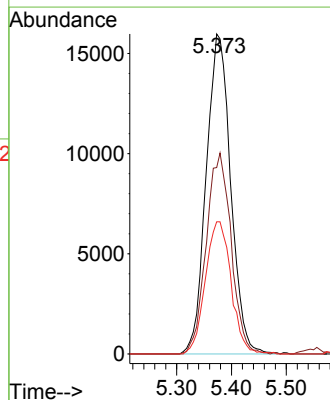
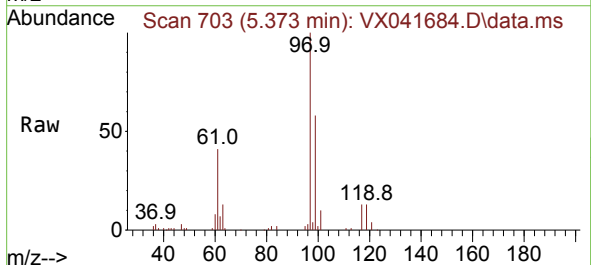
Instrument :
MSVOA_X
ClientSampleId :

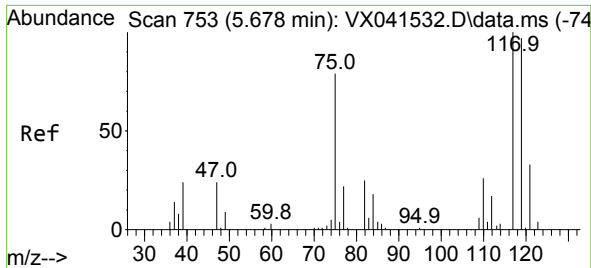
Tgt Ion: 77 Resp: 43635
Ion Ratio Lower Upper
77 100
97 23.7 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 20.152 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 97 Resp: 49558
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.1 34.6 51.8

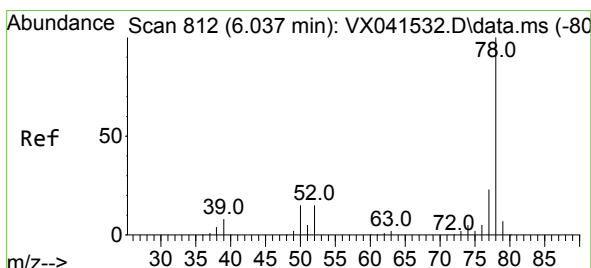
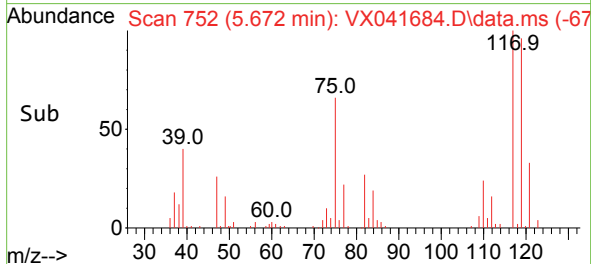
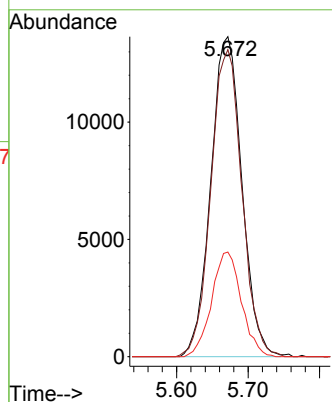
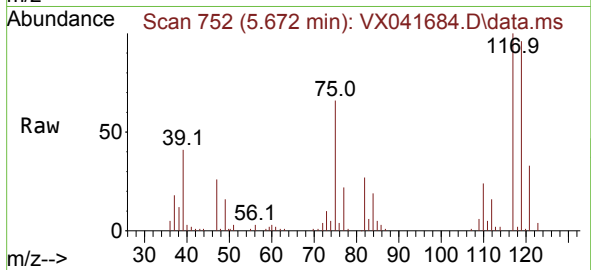




#33
Carbon Tetrachloride
Concen: 19.576 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

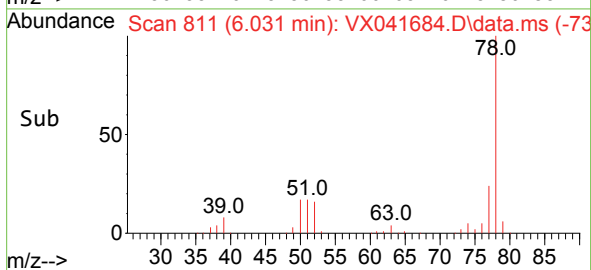
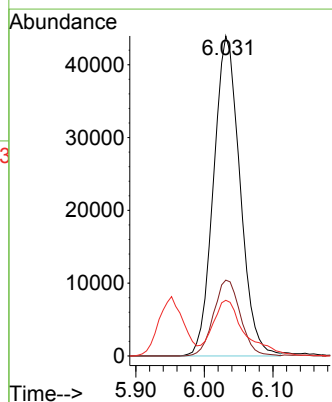
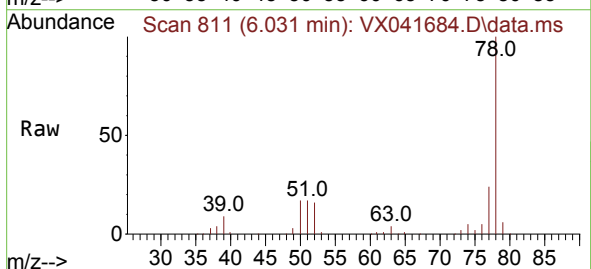
Instrument :
MSVOA_X
ClientSampleId :

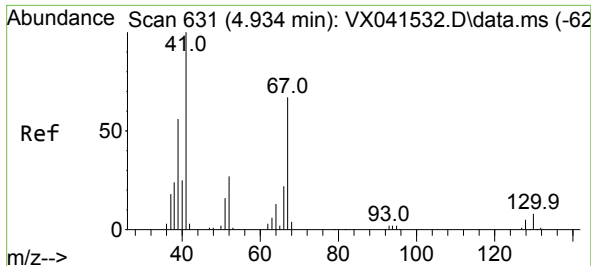
Tgt Ion:117 Resp: 41191
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
121 32.7 26.4 39.6



#34
Benzene
Concen: 20.313 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

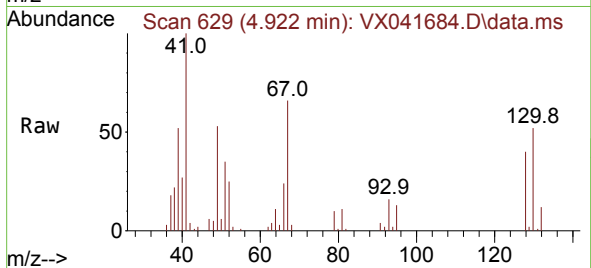
Tgt Ion: 78 Resp: 117575
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0
51 16.1 12.4 18.6



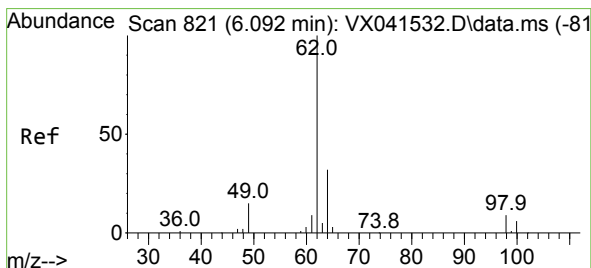
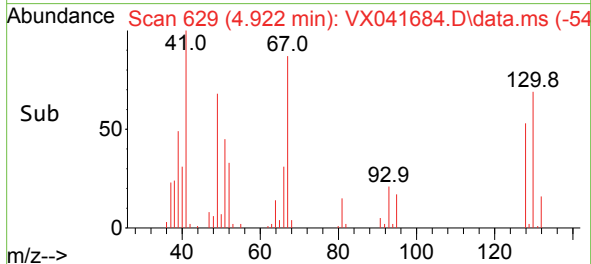
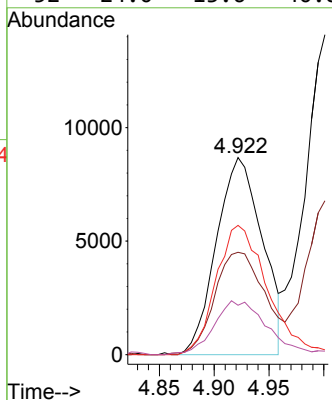


#35
Methacrylonitrile
Concen: 20.604 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Instrument :
MSVOA_X
ClientSampleId :

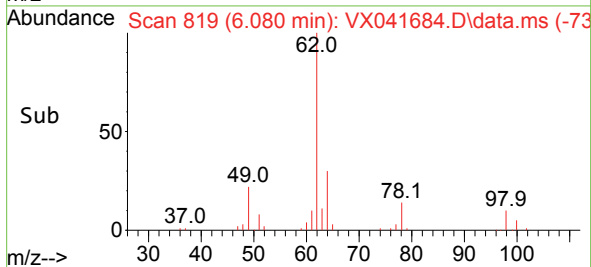
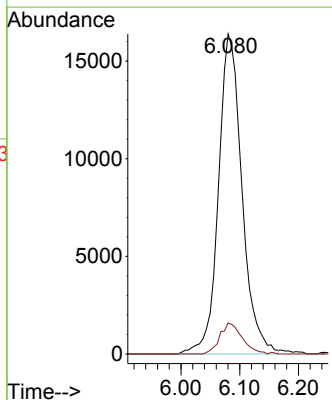
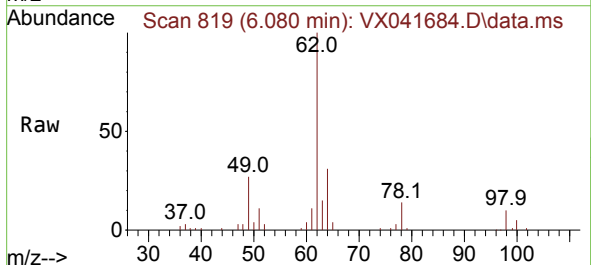


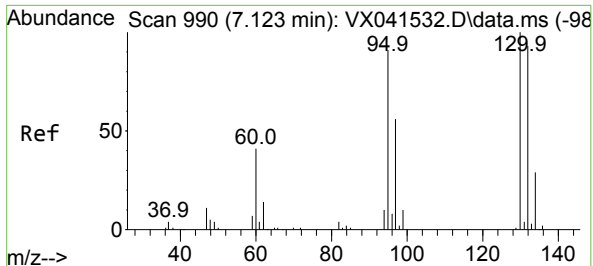
Tgt Ion:	41	Resp:	25285
Ion	Ratio	Lower	Upper
41	100		
39	51.1	28.1	84.4
67	65.6	33.7	101.1
52	24.0	13.6	40.8



#36
1,2-Dichloroethane
Concen: 21.090 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion:	62	Resp:	45553
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.0

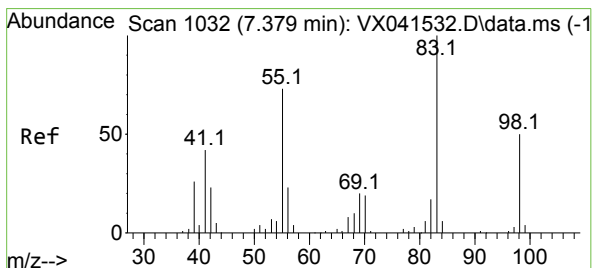
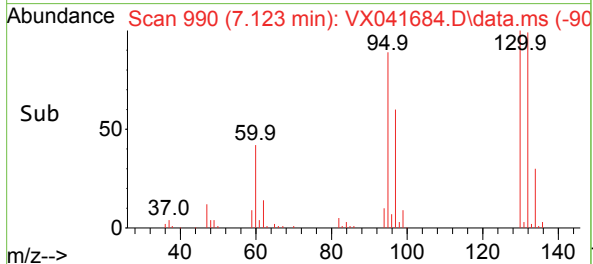
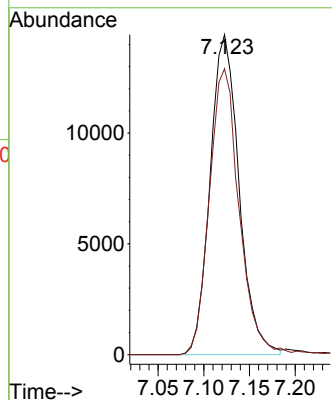
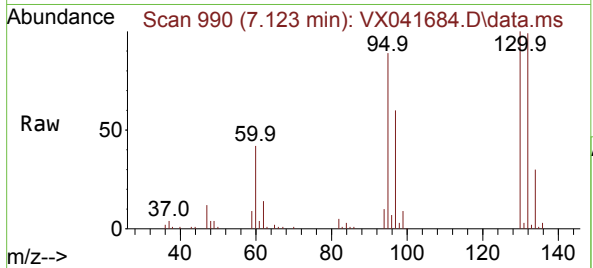




#37
Trichloroethene
Concen: 19.698 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

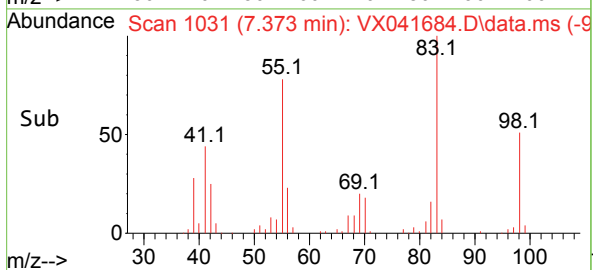
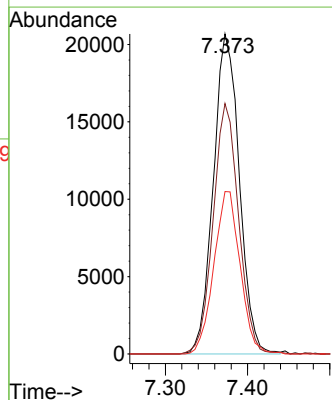
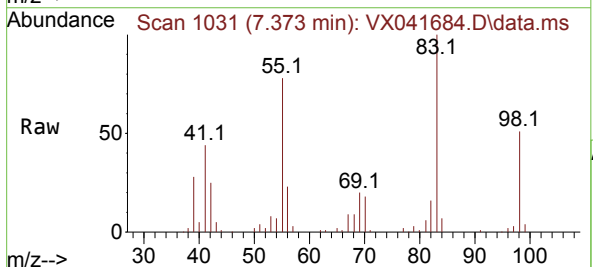
Instrument :
MSVOA_X
ClientSampleId :

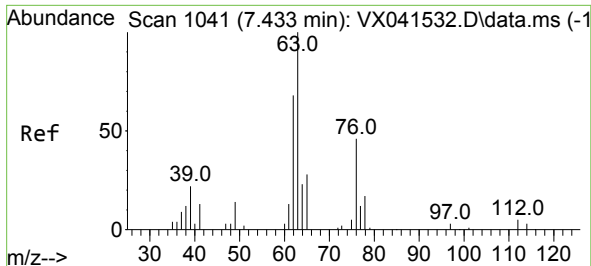
Tgt Ion:130 Resp: 31768
Ion Ratio Lower Upper
130 100
95 89.4 72.6 108.8



#38
Methylcyclohexane
Concen: 19.532 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 83 Resp: 45453
Ion Ratio Lower Upper
83 100
55 76.6 37.7 113.1
98 51.4 25.1 75.3





#39

1,2-Dichloropropane

Concen: 21.182 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

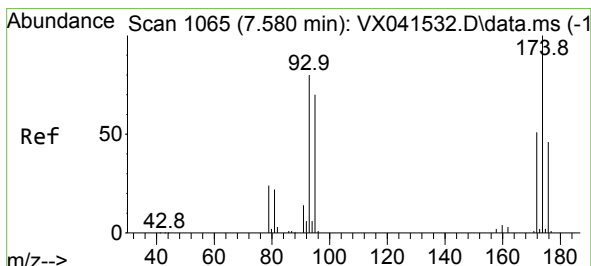
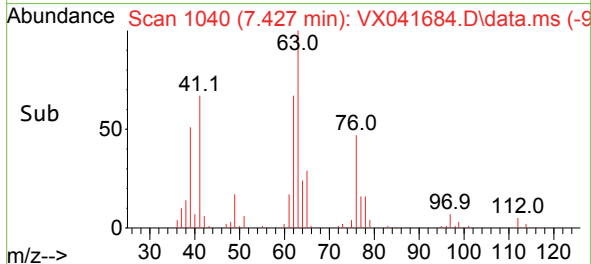
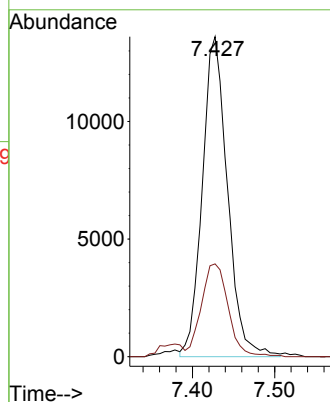
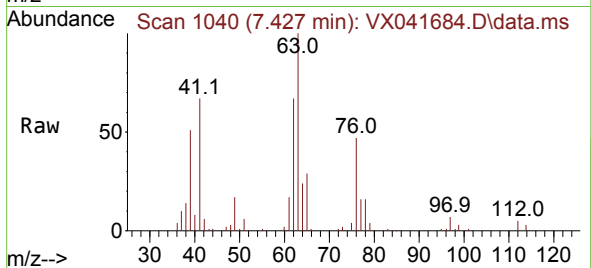
ClientSampleId :

Tgt Ion: 63 Resp: 28983

Ion Ratio Lower Upper

63 100

65 28.8 24.2 36.2



#40

Dibromomethane

Concen: 21.094 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

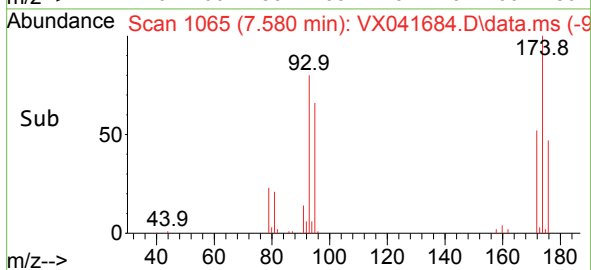
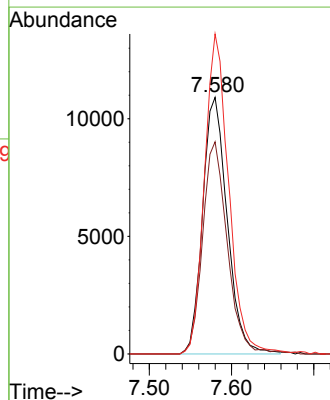
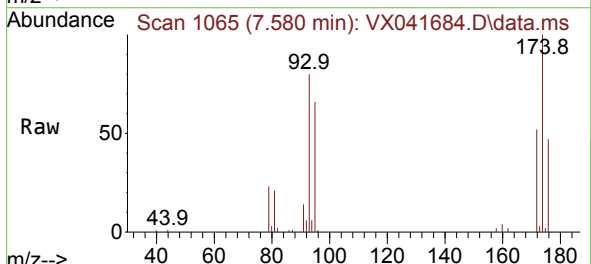
Tgt Ion: 93 Resp: 22715

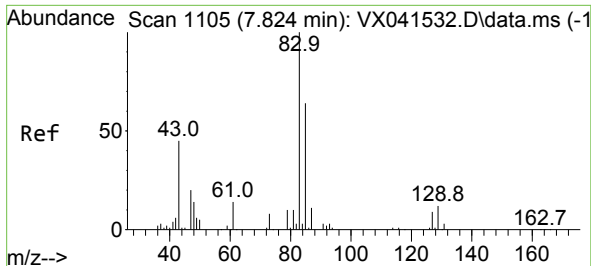
Ion Ratio Lower Upper

93 100

95 81.5 0.0 168.6

174 122.5 0.0 249.8

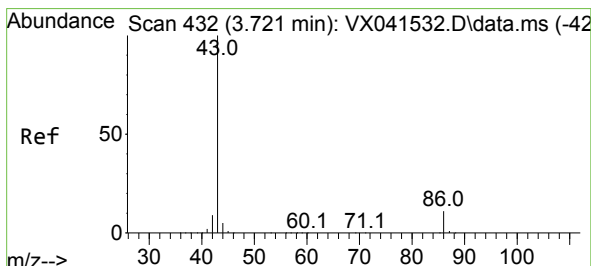
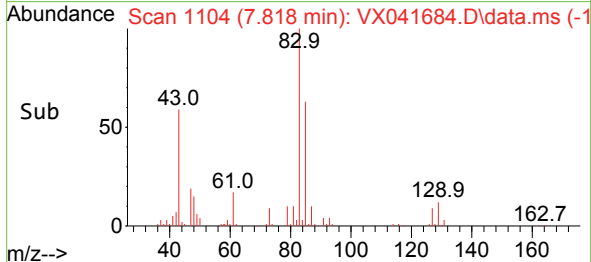
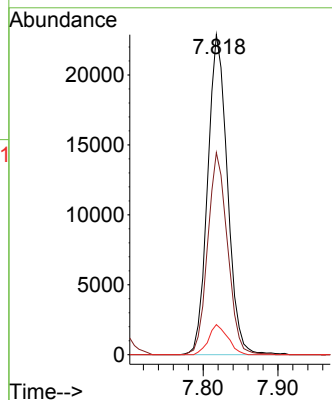
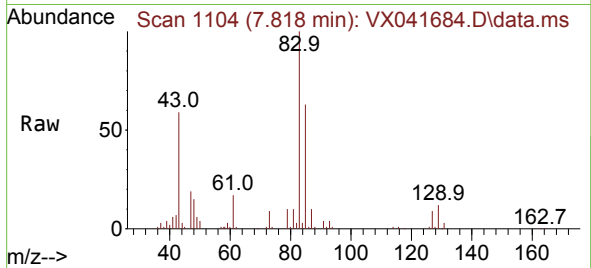




#41
Bromodichloromethane
Concen: 20.760 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

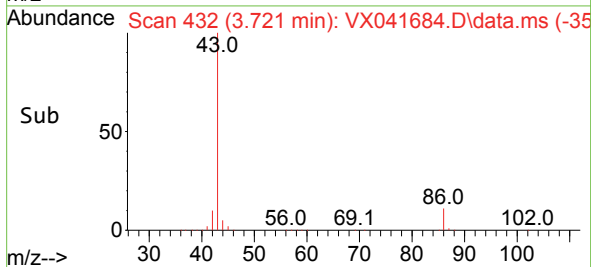
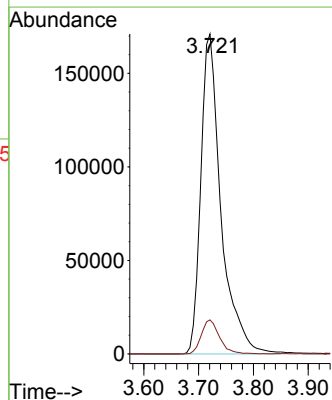
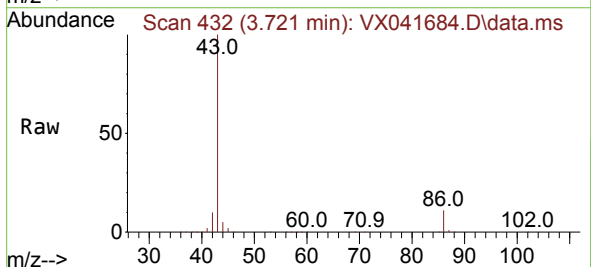
Instrument :
MSVOA_X
ClientSampleId :

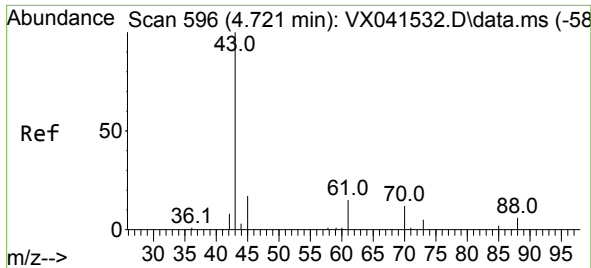
Tgt Ion: 83 Resp: 41971
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.4
127 9.4 7.1 10.7



#42
Vinyl Acetate
Concen: 103.610 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 43 Resp: 437310
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6

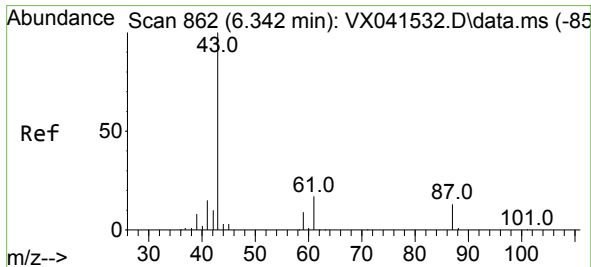
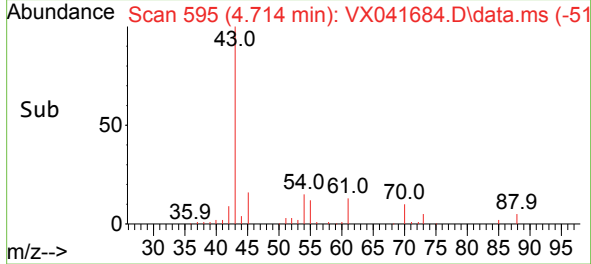
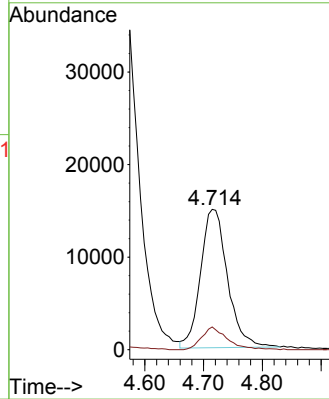
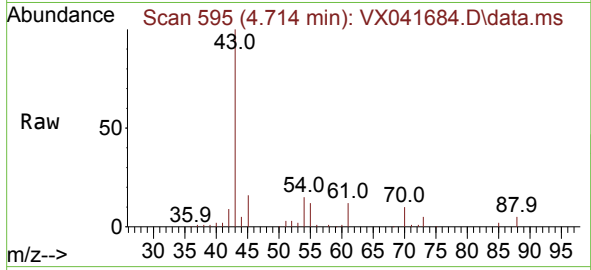




#43
Ethyl Acetate
Concen: 20.247 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

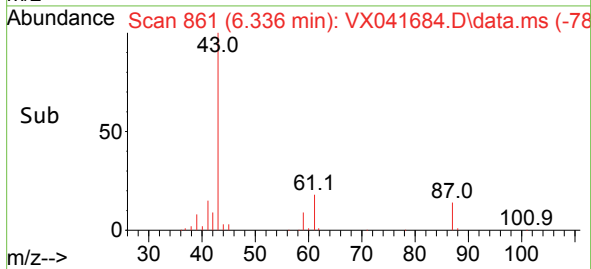
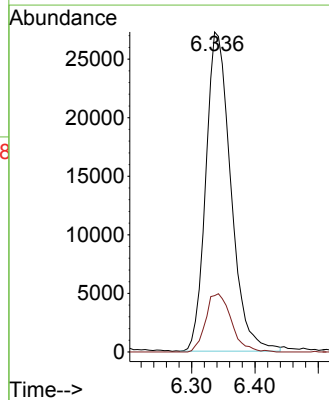
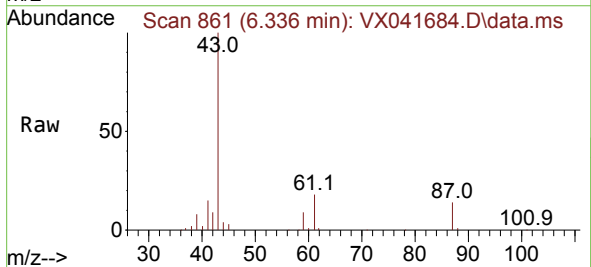
Instrument :
MSVOA_X
ClientSampleId :

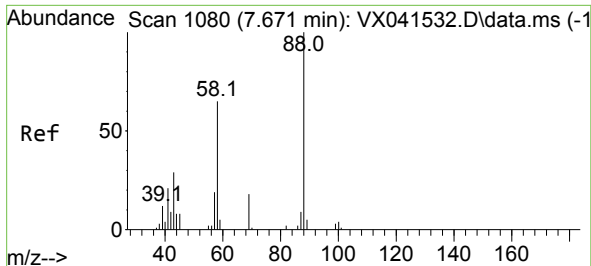
Tgt Ion: 43 Resp: 47524
Ion Ratio Lower Upper
43 100
45 15.2 11.9 17.9



#44
Isopropyl Acetate
Concen: 21.150 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 43 Resp: 75044
Ion Ratio Lower Upper
43 100
61 18.6 15.3 22.9

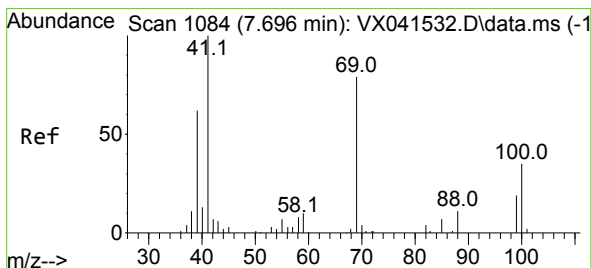
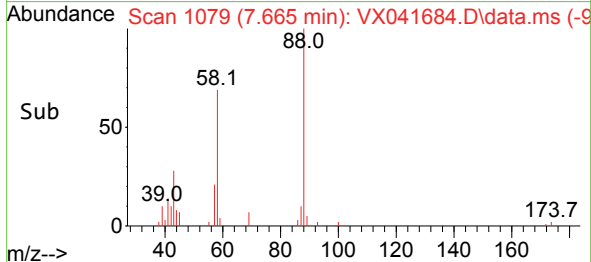
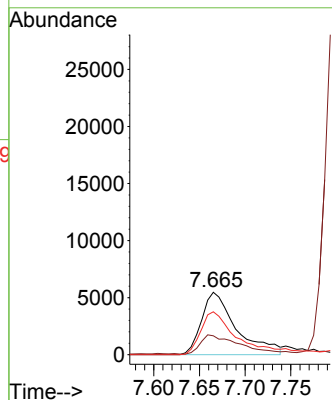
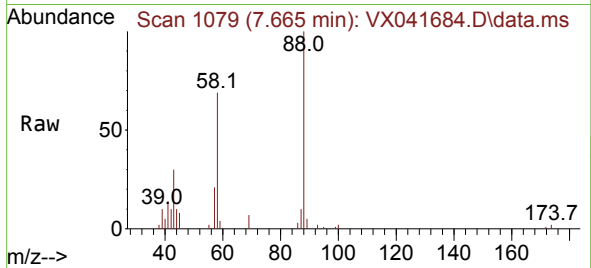




#45
1,4-Dioxane
Concen: 361.713 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

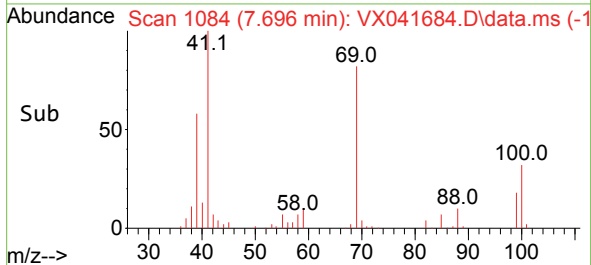
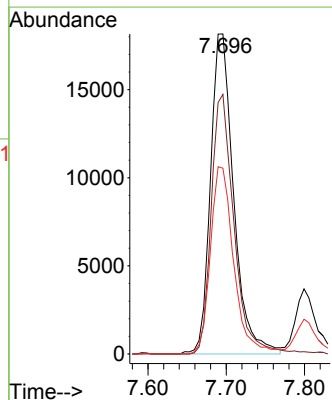
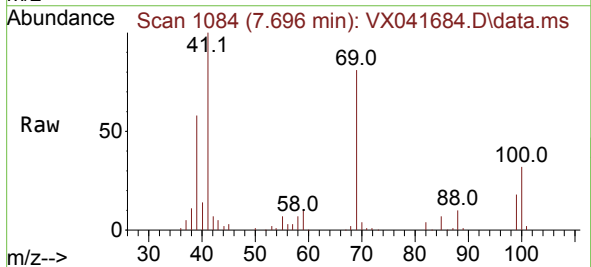
Instrument :
MSVOA_X
ClientSampleId :

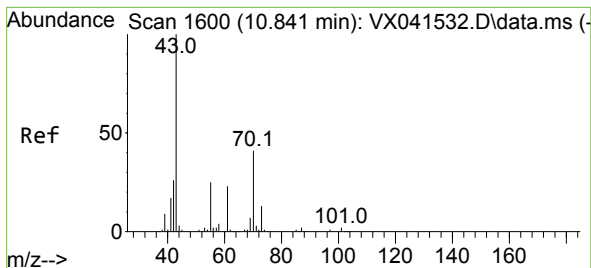
Tgt Ion: 88 Resp: 14474
Ion Ratio Lower Upper
88 100
43 35.5 24.9 37.3
58 63.0 47.0 70.4



#46
Methyl methacrylate
Concen: 21.142 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 41 Resp: 37323
Ion Ratio Lower Upper
41 100
69 81.1 39.6 119.0
39 58.0 30.9 92.8





#47

n-amyl acetate

Concen: 20.363 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

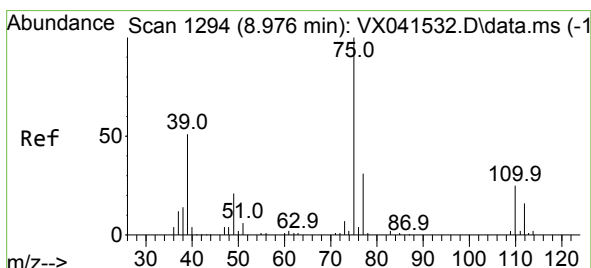
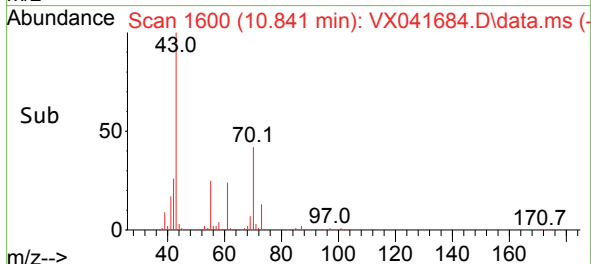
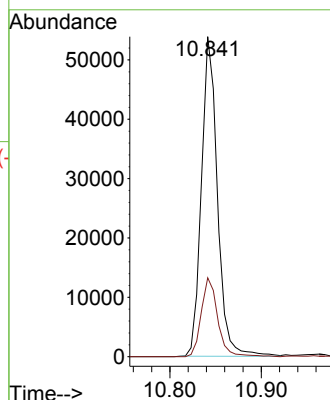
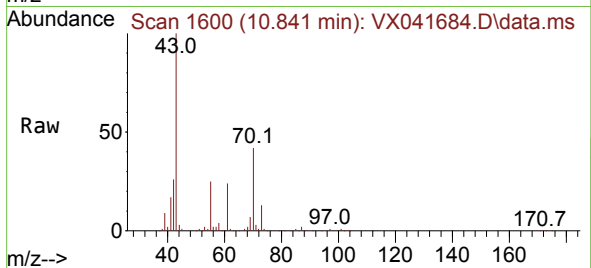
ClientSampleId :

Tgt Ion: 43 Resp: 65520

Ion Ratio Lower Upper

43 100

55 25.4 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 19.956 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041684.D

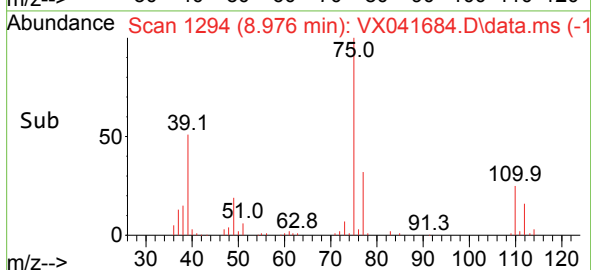
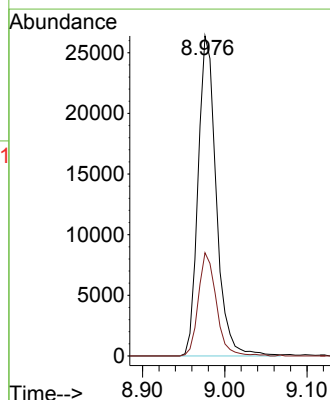
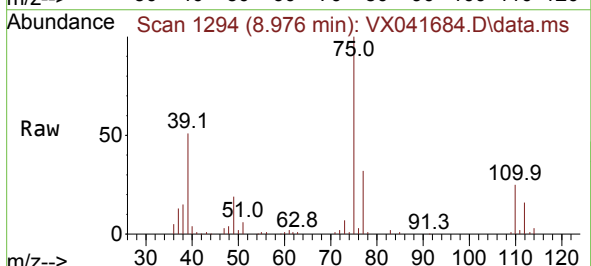
Acq: 30 May 2024 10:29

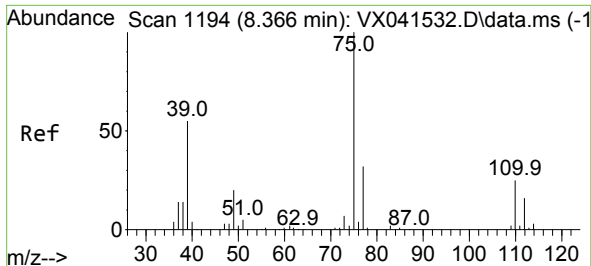
Tgt Ion: 75 Resp: 40516

Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 20.354 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :

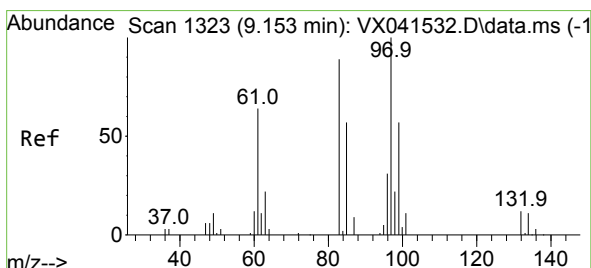
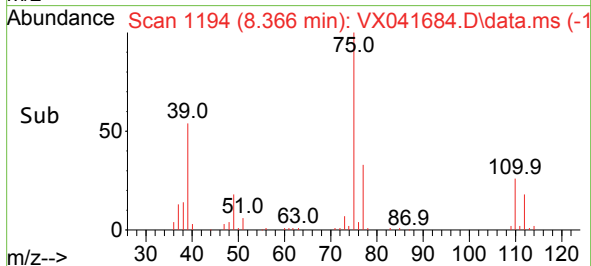
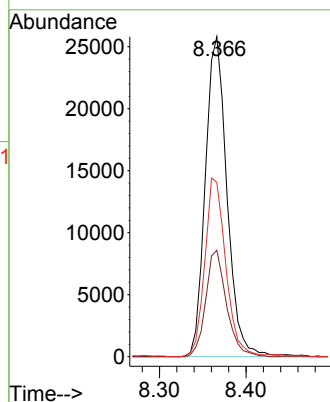
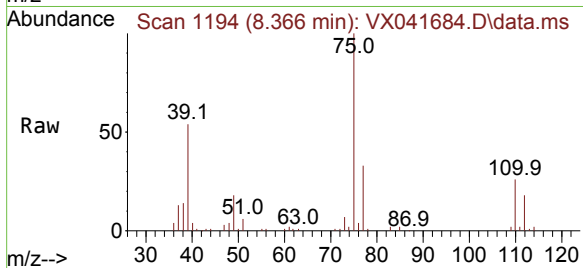
Tgt Ion: 75 Resp: 44760

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

39 54.5 43.6 65.4



#50

1,1,2-Trichloroethane

Concen: 21.180 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Tgt Ion: 97 Resp: 31728

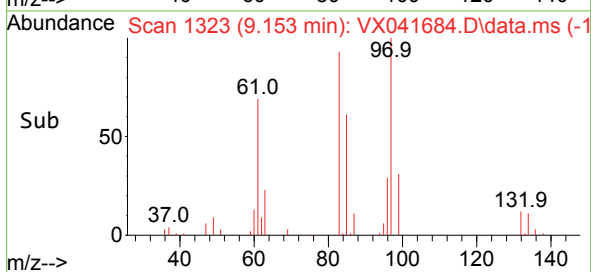
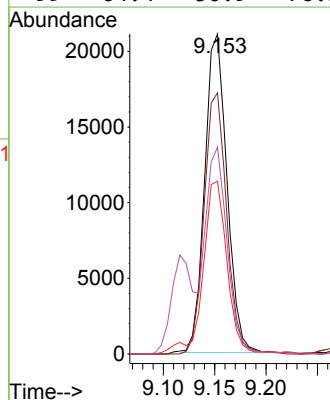
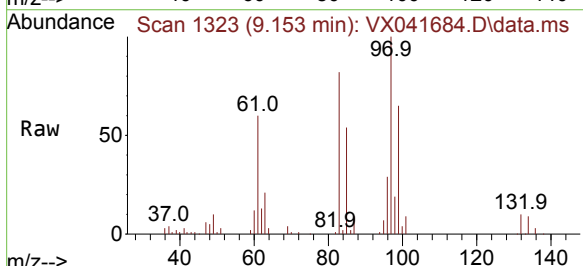
Ion Ratio Lower Upper

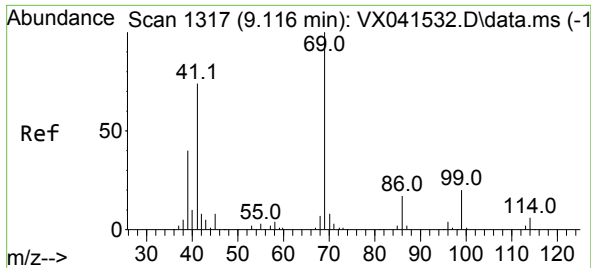
97 100

83 82.0 71.3 106.9

85 54.0 45.7 68.5

99 64.4 50.9 76.3

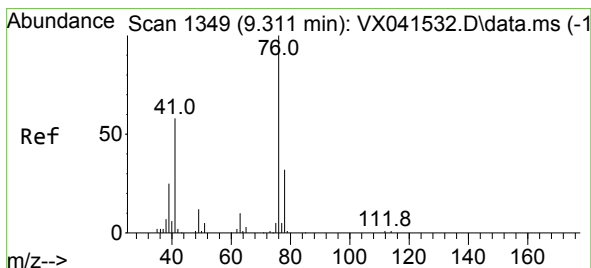
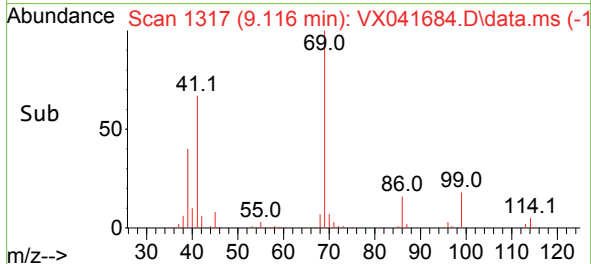
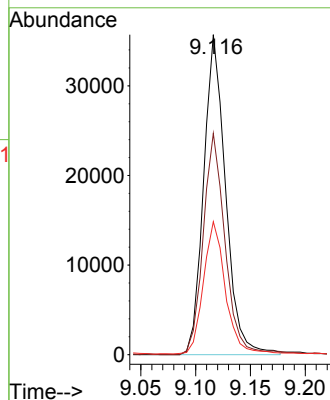
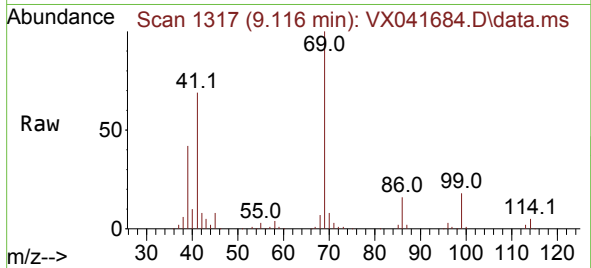




#51
Ethyl methacrylate
Concen: 20.622 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

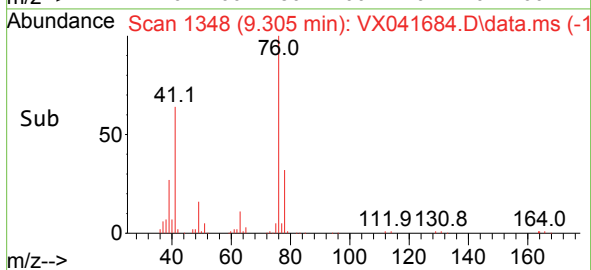
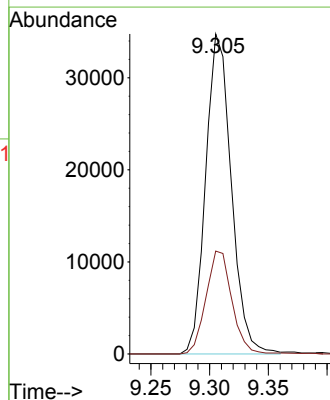
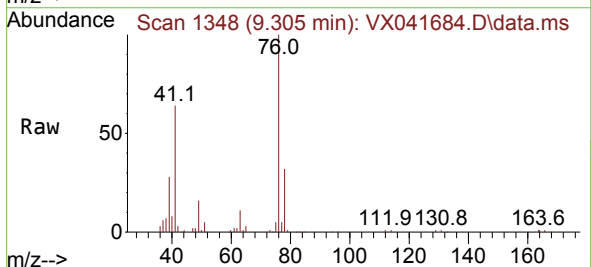
Instrument :
MSVOA_X
ClientSampleId :

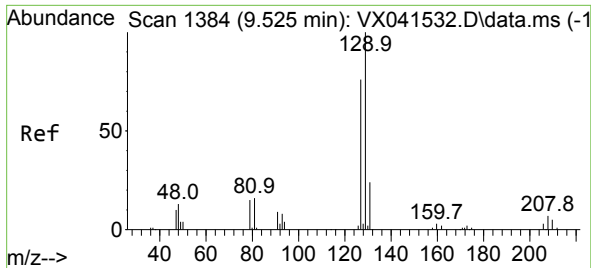
Tgt Ion: 69 Resp: 49725
Ion Ratio Lower Upper
69 100
41 69.2 37.1 111.3
39 41.2 20.2 60.6



#52
1,3-Dichloropropane
Concen: 21.322 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 76 Resp: 52782
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.4

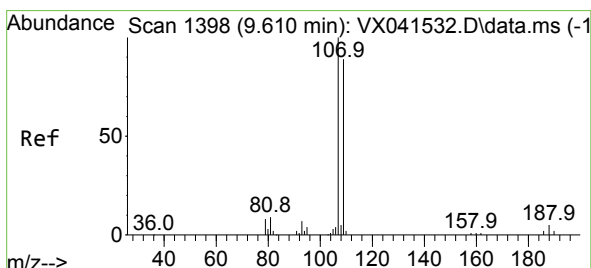
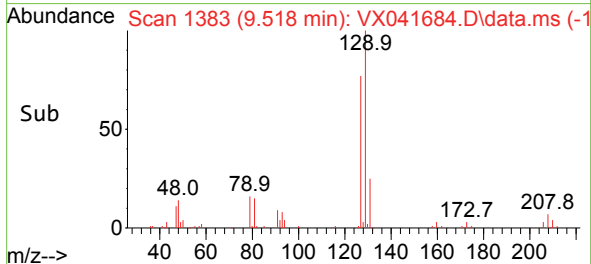
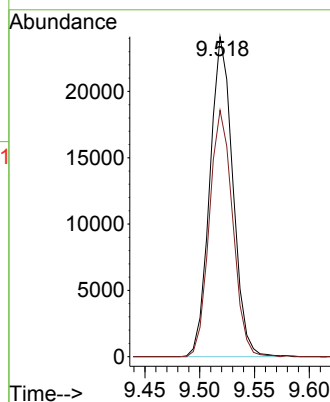
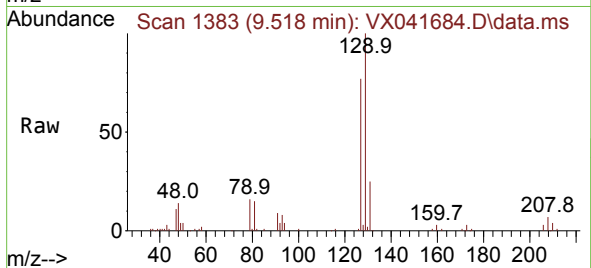




#53
Dibromochloromethane
Concen: 20.649 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

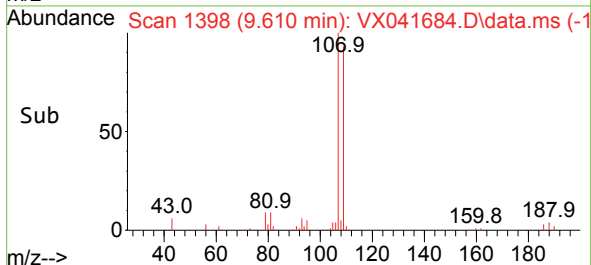
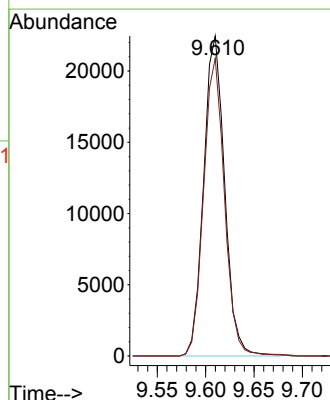
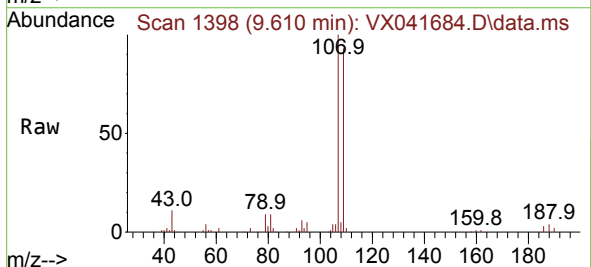
Instrument :
MSVOA_X
ClientSampleId :

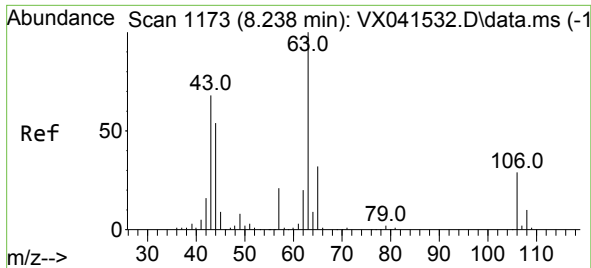
Tgt Ion:129 Resp: 35195
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7



#54
1,2-Dibromoethane
Concen: 21.363 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion:107 Resp: 33937
Ion Ratio Lower Upper
107 100
109 92.1 75.3 112.9

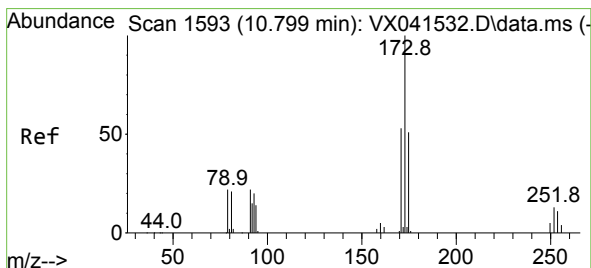
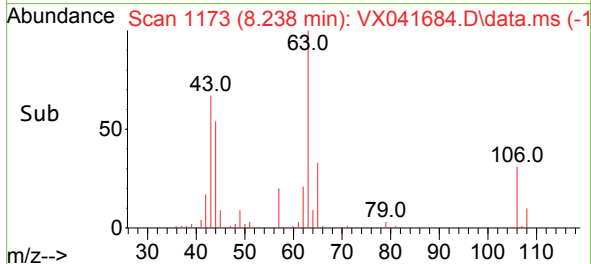
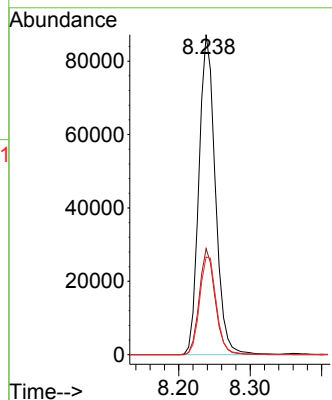
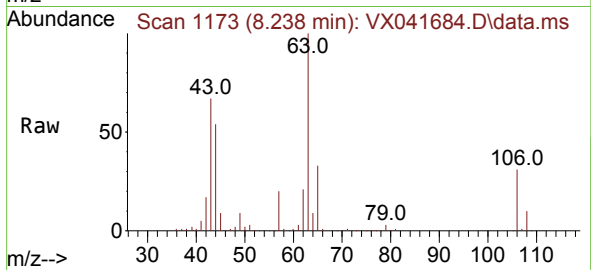




#55
2-Chloroethyl vinyl ether
Concen: 117.814 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

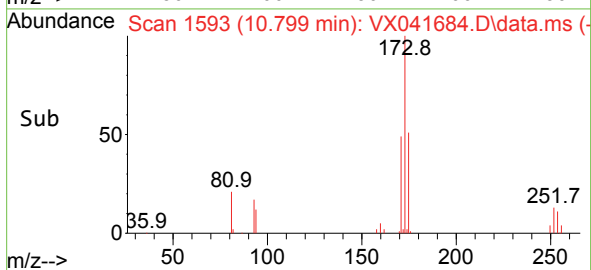
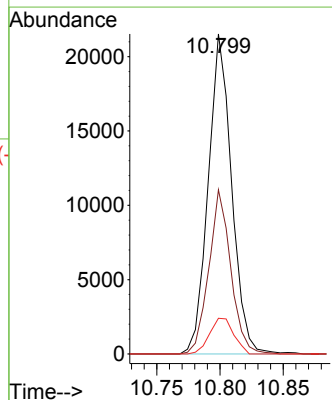
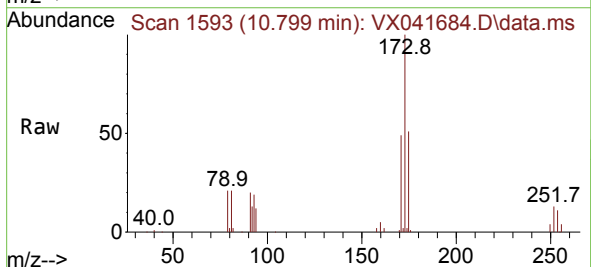
Instrument :
MSVOA_X
ClientSampleId :

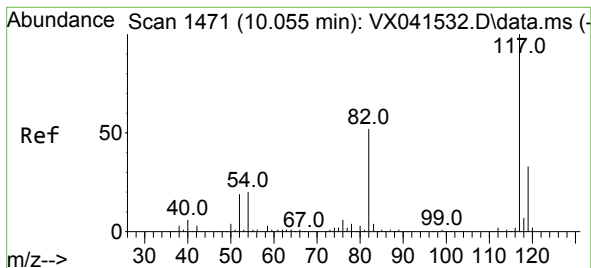
Tgt Ion: 63 Resp: 138660
Ion Ratio Lower Upper
63 100
65 32.0 25.5 38.3
106 31.2 24.7 37.1



#56
Bromoform
Concen: 20.279 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 173 Resp: 27693
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.6
254 11.5 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :

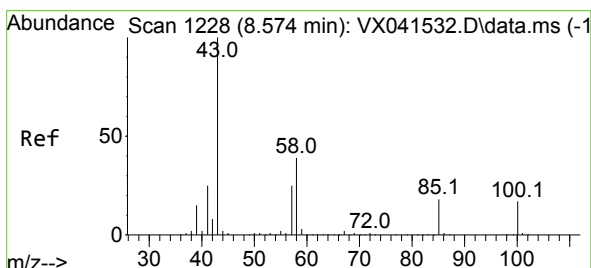
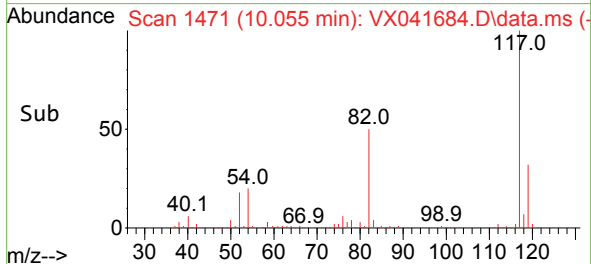
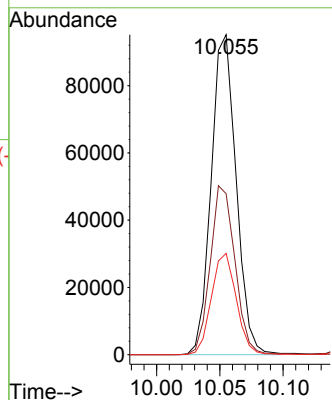
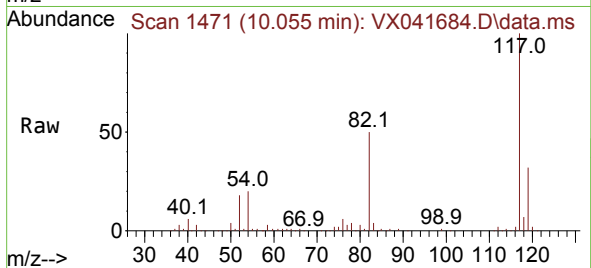
Tgt Ion:117 Resp: 130618

Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

119 31.6 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 107.120 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

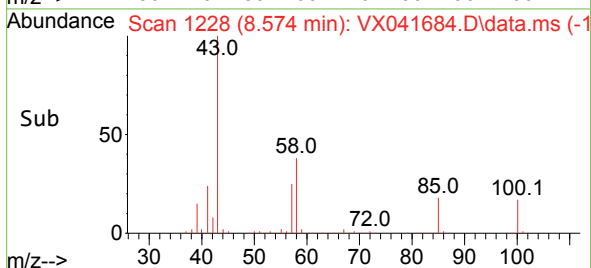
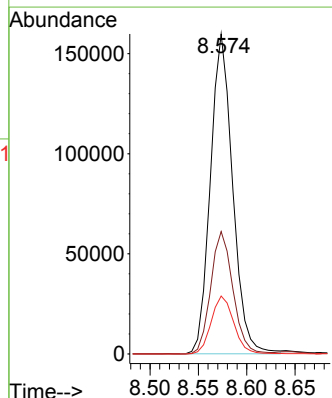
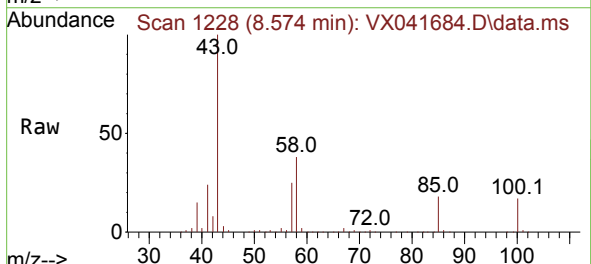
Tgt Ion: 43 Resp: 255650

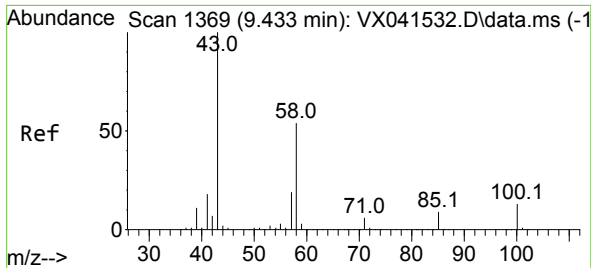
Ion Ratio Lower Upper

43 100

58 38.3 30.2 45.4

85 18.5 14.6 21.8

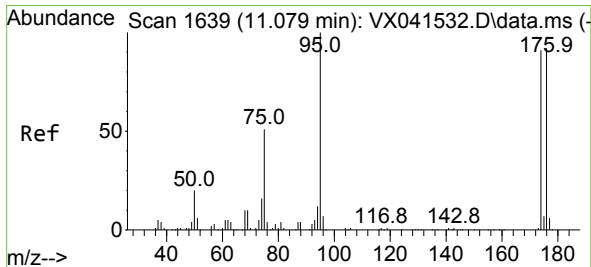
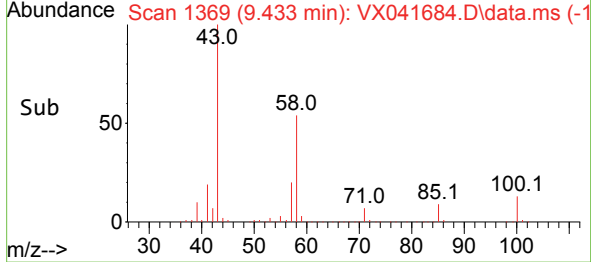
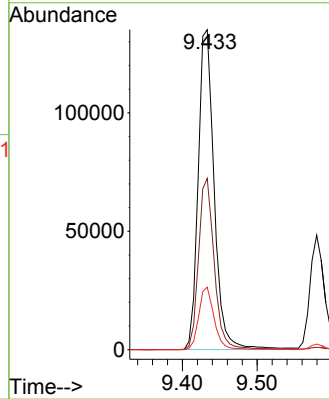
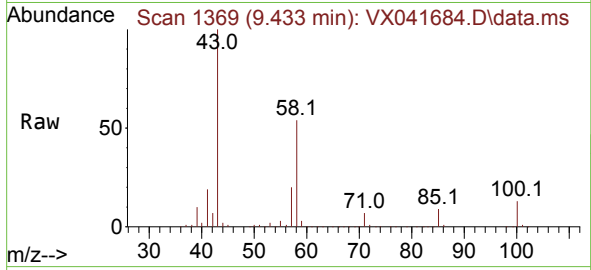




#59
2-Hexanone
Concen: 105.442 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

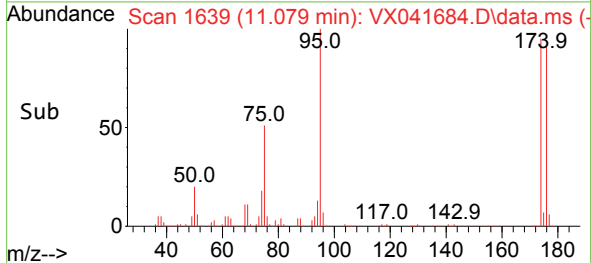
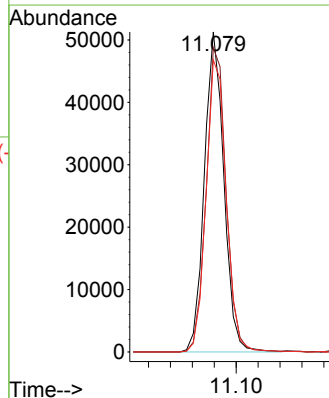
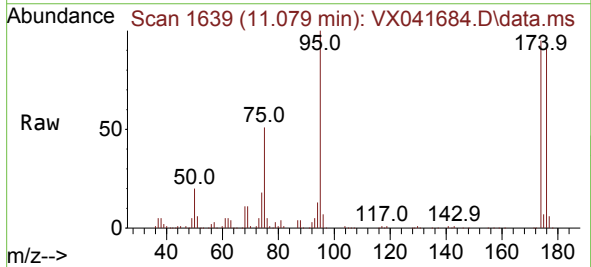
Instrument :
MSVOA_X
ClientSampleId :

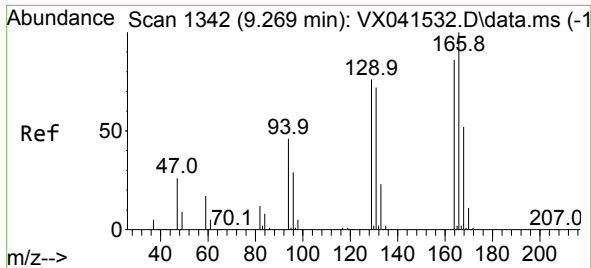
Tgt Ion: 43 Resp: 200473
Ion Ratio Lower Upper
43 100
58 52.3 42.3 63.5
57 18.7 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 31.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

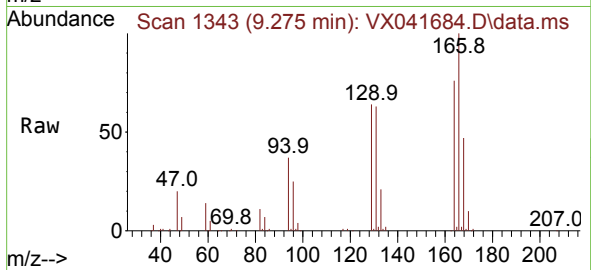
Tgt Ion: 95 Resp: 63251
Ion Ratio Lower Upper
95 100
174 97.3 76.6 115.0
176 94.4 75.4 113.0



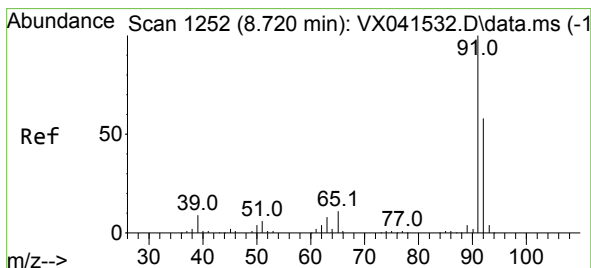
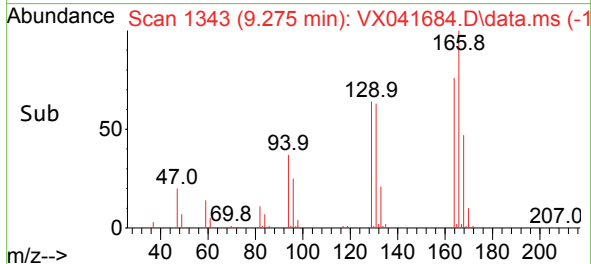
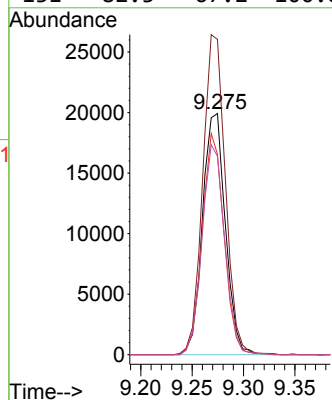


#61
Tetrachloroethene
Concen: 19.337 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Instrument :
MSVOA_X
ClientSampleId :

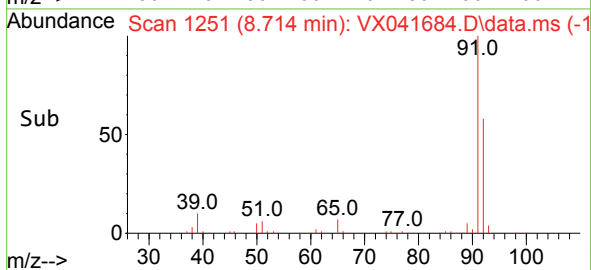
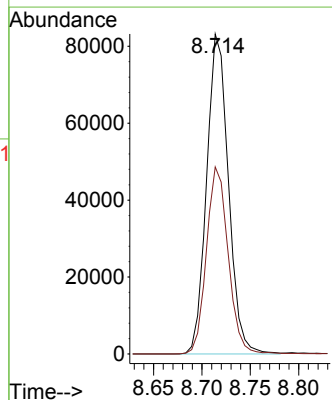
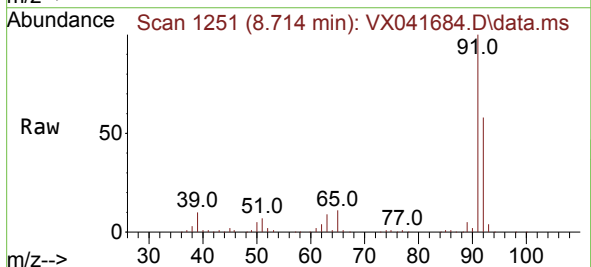


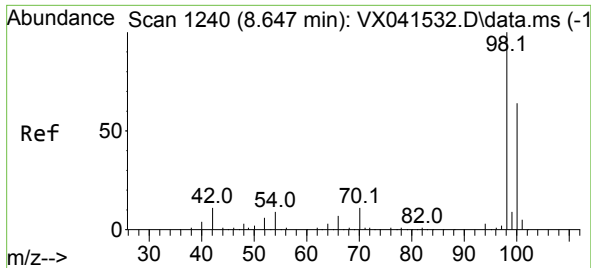
Tgt Ion:164 Resp: 30902
Ion Ratio Lower Upper
164 100
166 130.8 92.8 139.2
129 83.1 70.1 105.1
131 82.3 67.2 100.8



#62
Toluene
Concen: 20.093 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 91 Resp: 130589
Ion Ratio Lower Upper
91 100
92 58.4 47.0 70.6

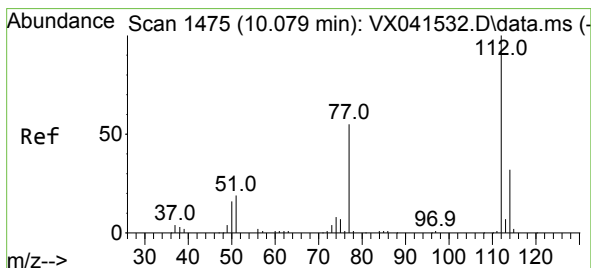
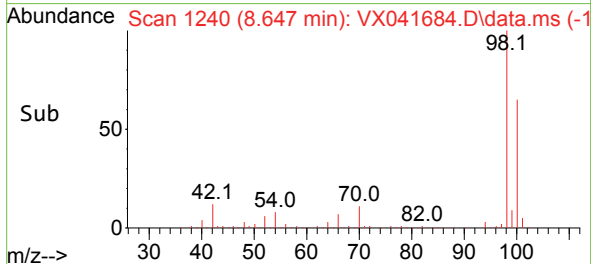
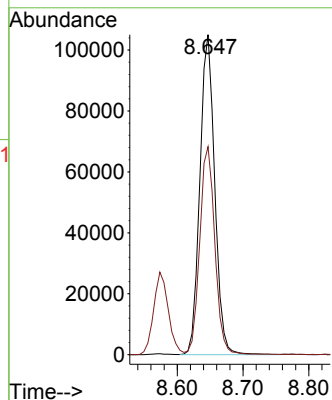
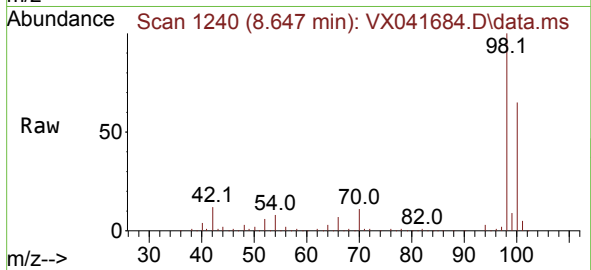




#63
Toluene-d8
Concen: 29.482 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

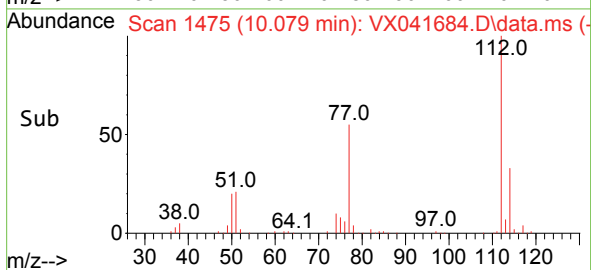
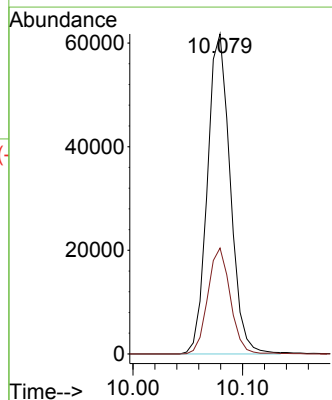
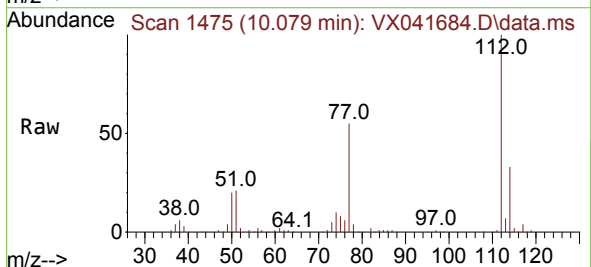
Instrument :
MSVOA_X
ClientSampleId :

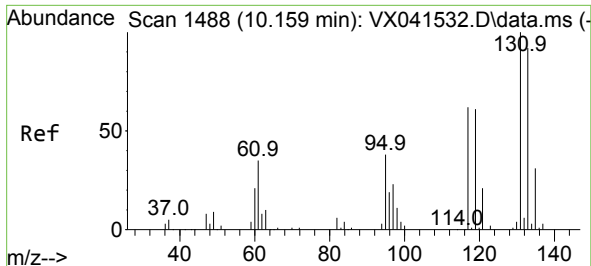
Tgt Ion: 98 Resp: 165073
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#64
Chlorobenzene
Concen: 20.237 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 112 Resp: 89340
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0

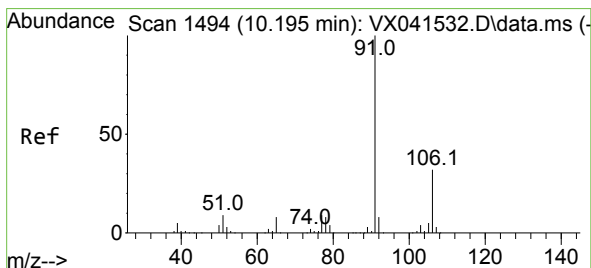
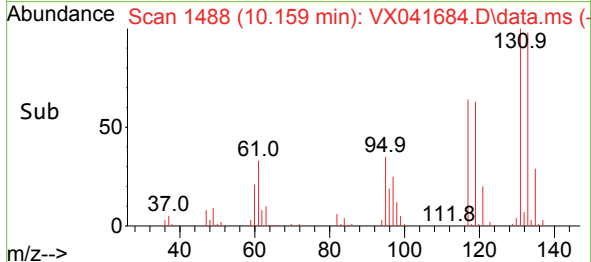
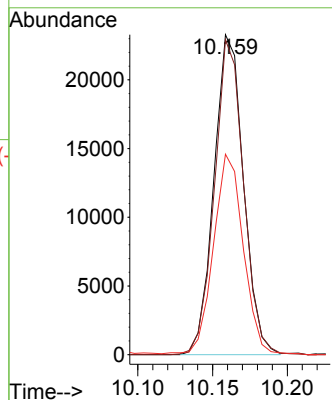
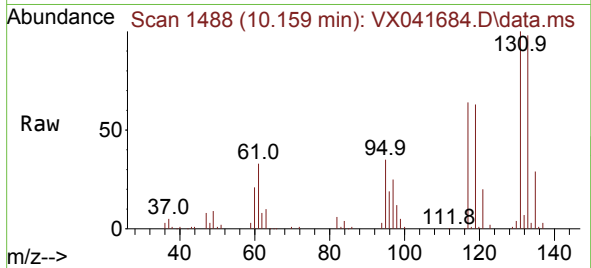




#65
1,1,1,2-Tetrachloroethane
Concen: 20.441 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

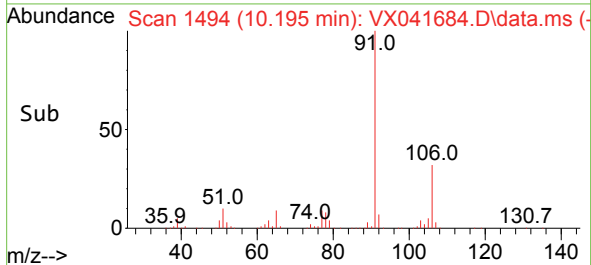
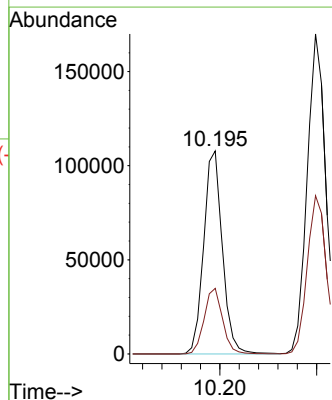
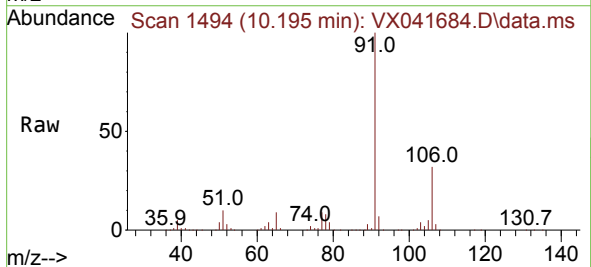
Instrument :
MSVOA_X
ClientSampleId :

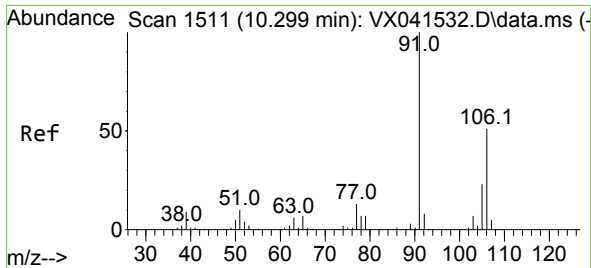
Tgt Ion:131 Resp: 31940
Ion Ratio Lower Upper
131 100
133 97.0 0.0 191.6
119 63.2 0.0 126.4



#66
Ethyl Benzene
Concen: 20.091 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion: 91 Resp: 144995
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9

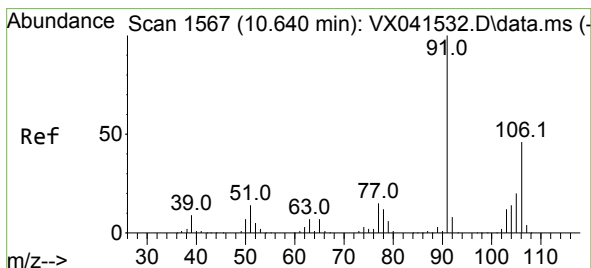
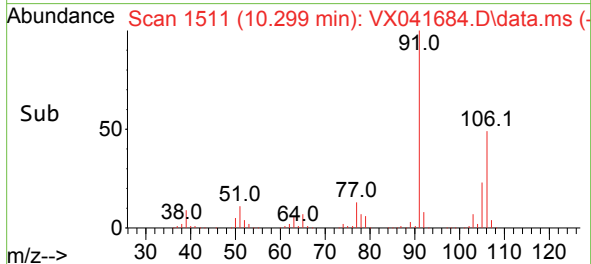
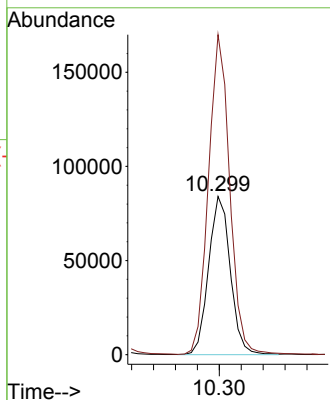
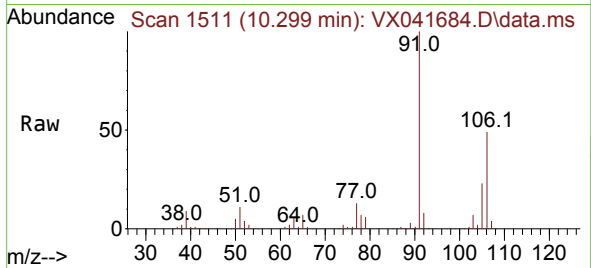




#67
m/p-Xylenes
Concen: 40.974 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

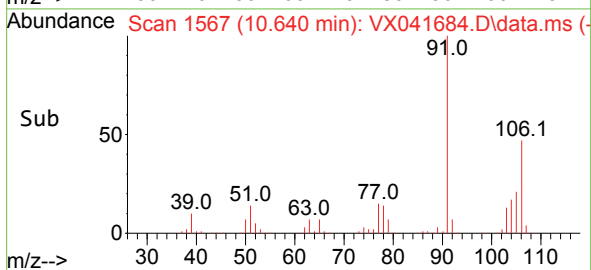
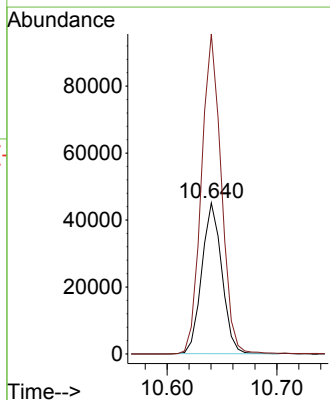
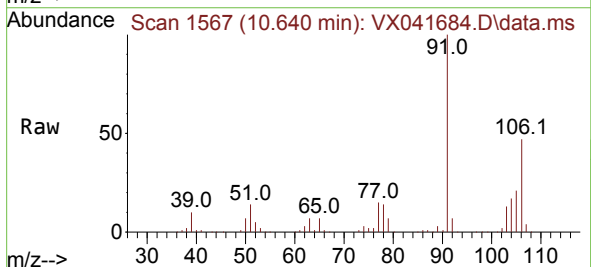
Instrument :
MSVOA_X
ClientSampleId :

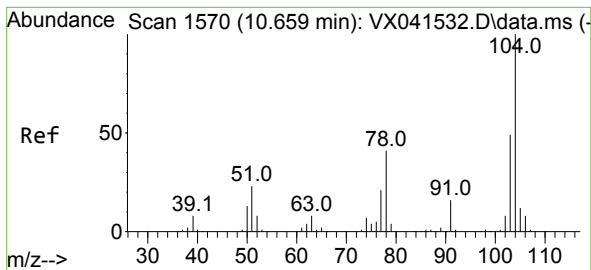
Tgt Ion:106 Resp: 115636
Ion Ratio Lower Upper
106 100
91 198.6 156.5 234.7



#68
o-Xylene
Concen: 20.125 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion:106 Resp: 57170
Ion Ratio Lower Upper
106 100
91 209.8 105.2 315.6





#69

Styrene

Concen: 20.281 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

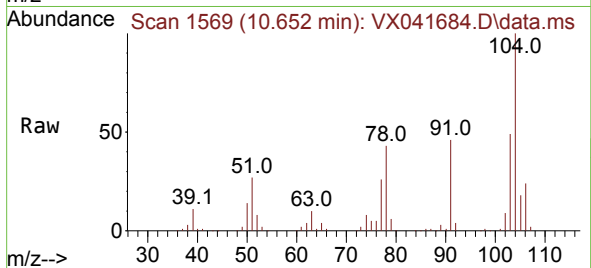
Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :



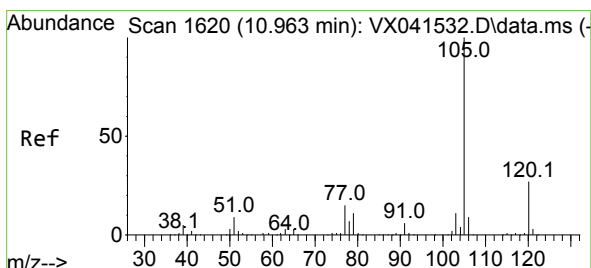
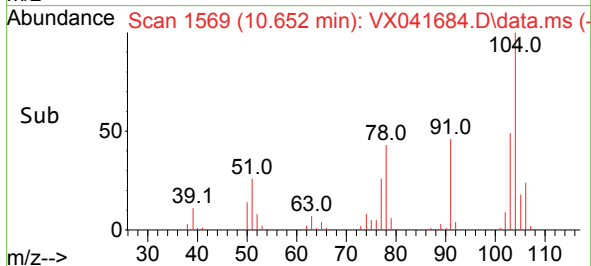
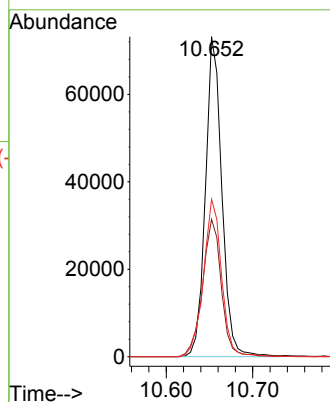
Tgt Ion:104 Resp: 96600

Ion Ratio Lower Upper

104 100

78 48.9 39.3 58.9

103 53.7 43.2 64.8



#70

Isopropylbenzene

Concen: 20.848 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041684.D

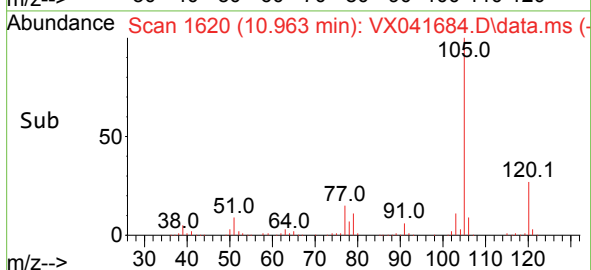
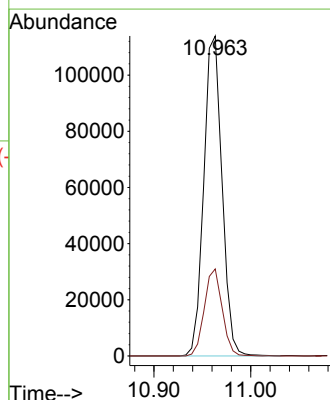
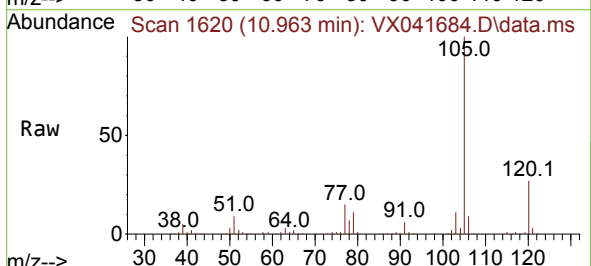
Acq: 30 May 2024 10:29

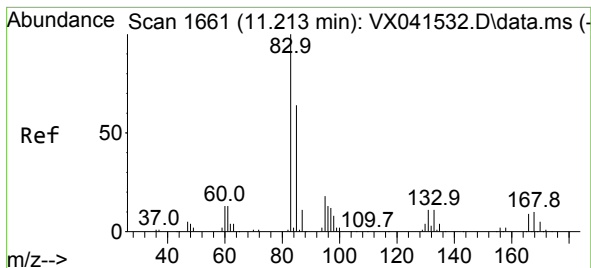
Tgt Ion:105 Resp: 149650

Ion Ratio Lower Upper

105 100

120 26.6 18.8 34.8

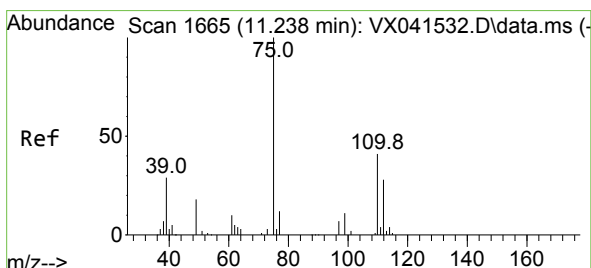
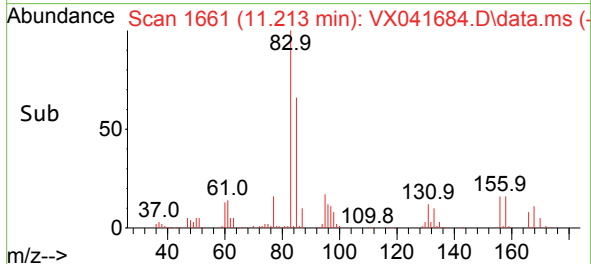
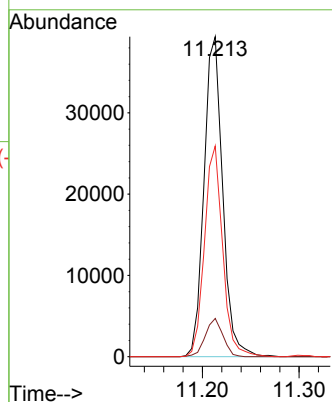
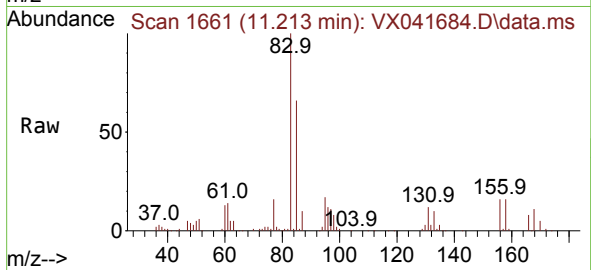




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.468 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29

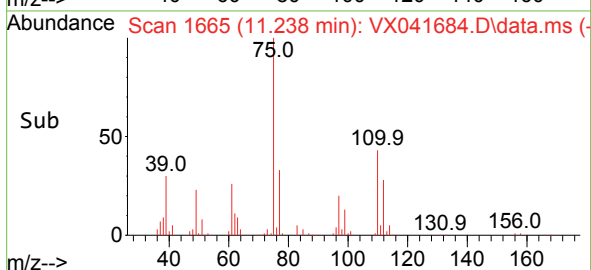
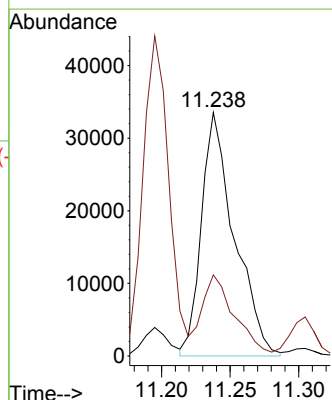
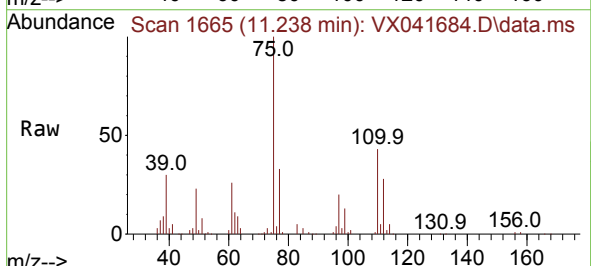
Instrument :
 MSVOA_X
 ClientSampleId :

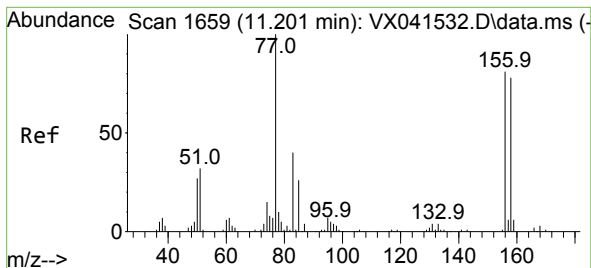
Tgt Ion: 83 Resp: 52939
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.7 17.0
 85 64.2 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 25.254 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29

Tgt Ion: 75 Resp: 56162
 Ion Ratio Lower Upper
 75 100
 77 33.1 0.0 78.8





#73

Bromobenzene

Concen: 20.202 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :

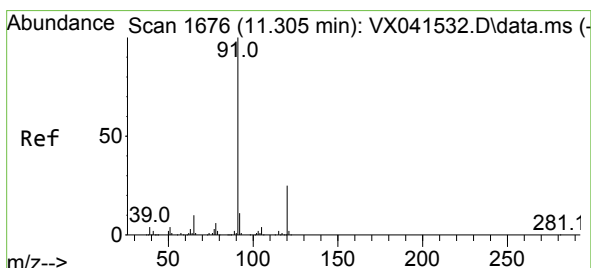
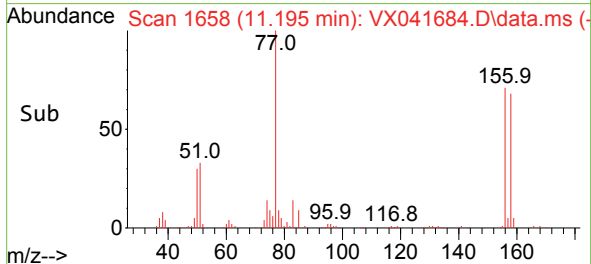
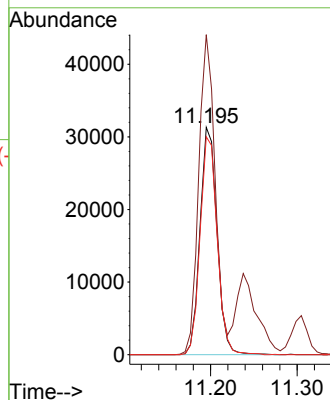
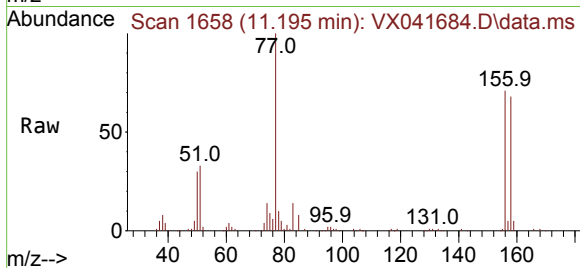
Tgt Ion:156 Resp: 42611

Ion Ratio Lower Upper

156 100

77 136.3 0.0 267.4

158 96.6 0.0 192.8



#74

n-propylbenzene

Concen: 20.570 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041684.D

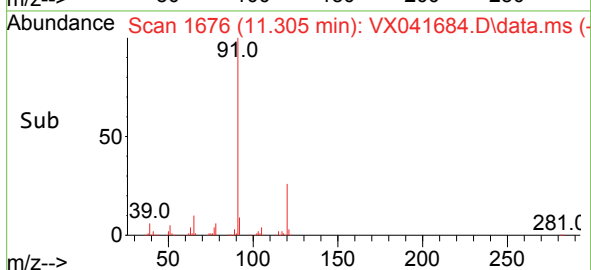
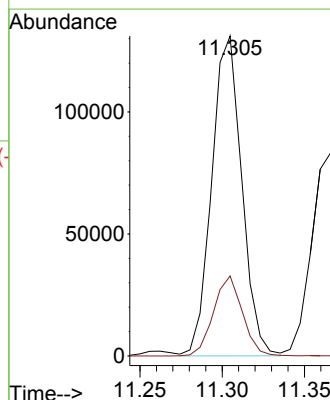
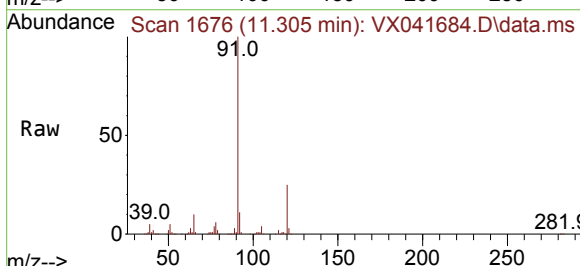
Acq: 30 May 2024 10:29

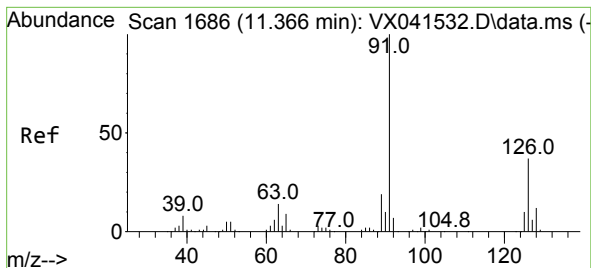
Tgt Ion: 91 Resp: 166502

Ion Ratio Lower Upper

91 100

120 24.0 0.0 48.4





#75

2-Chlorotoluene

Concen: 20.808 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

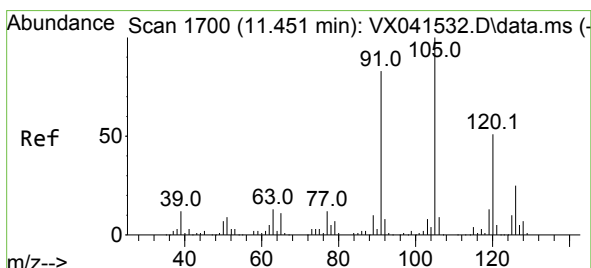
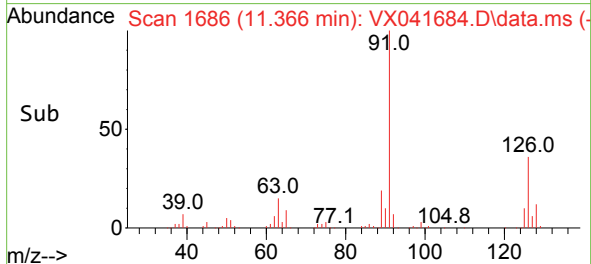
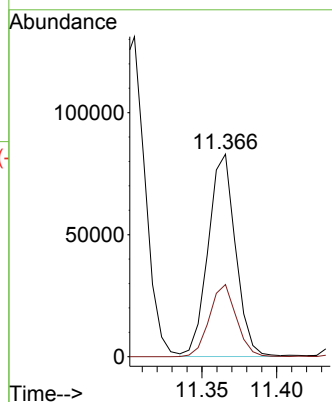
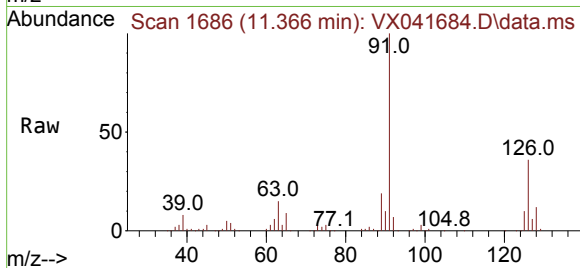
ClientSampleId :

Tgt Ion: 91 Resp: 105769

Ion Ratio Lower Upper

91 100

126 35.1 0.0 71.6



#76

1,3,5-Trimethylbenzene

Concen: 20.641 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041684.D

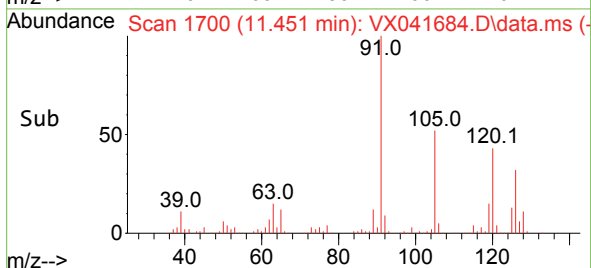
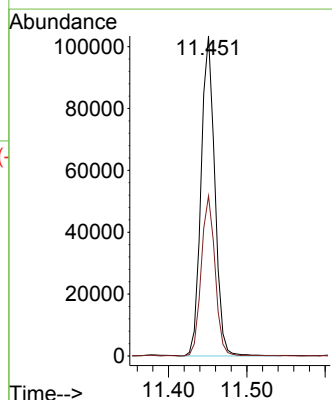
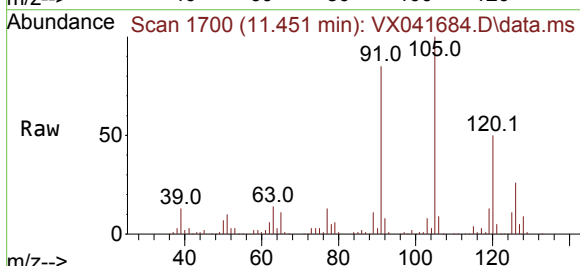
Acq: 30 May 2024 10:29

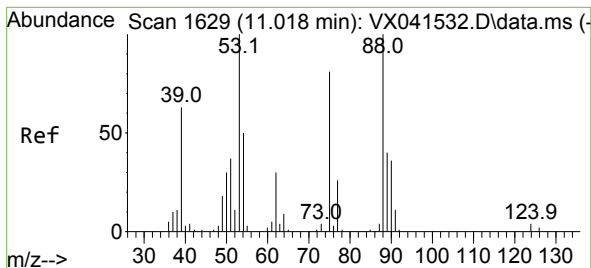
Tgt Ion: 105 Resp: 126470

Ion Ratio Lower Upper

105 100

120 50.1 0.0 102.6

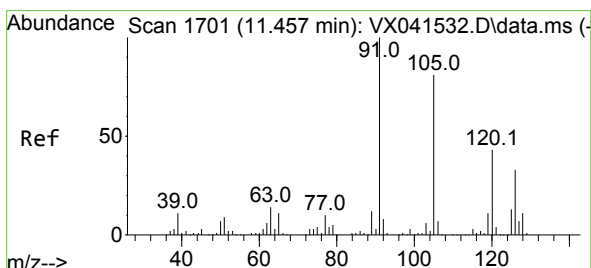
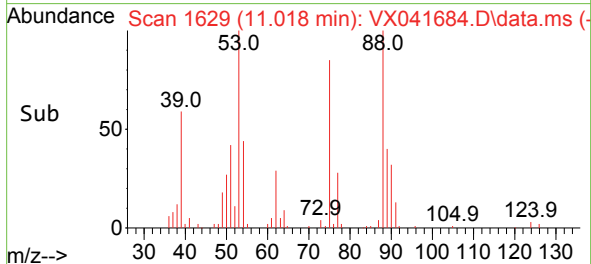
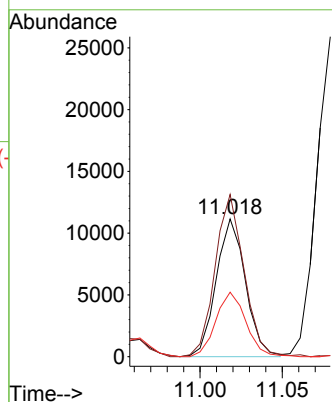
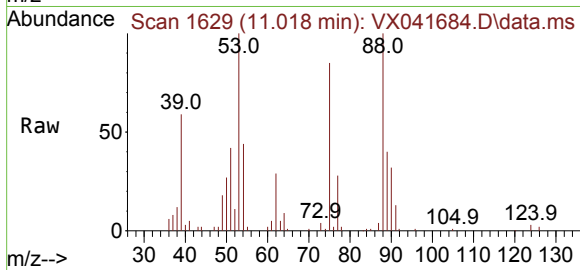




#77
t-1,4-Dichloro-2-butene
Concen: 19.760 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

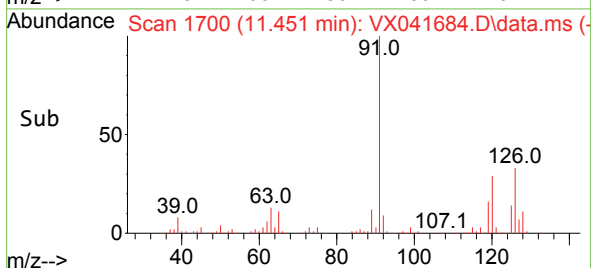
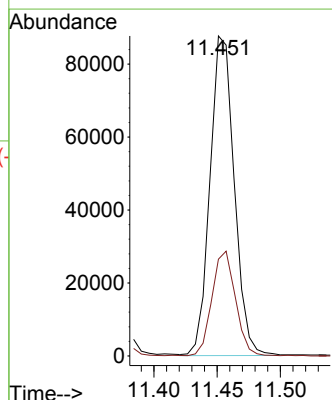
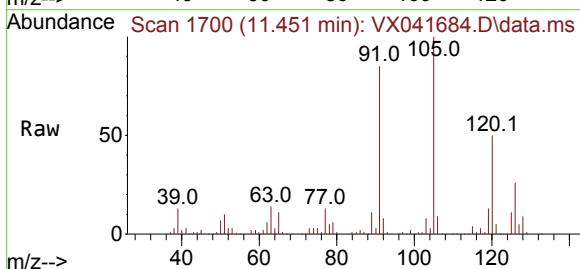
Instrument :
MSVOA_X
ClientSampleId :

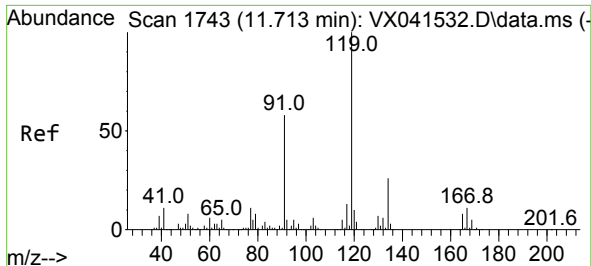
Tgt Ion: 75 Resp: 13812
Ion Ratio Lower Upper
75 100
53 117.7 61.8 185.3
89 46.8 24.9 74.7



#78
4-Chlorotoluene
Concen: 20.208 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

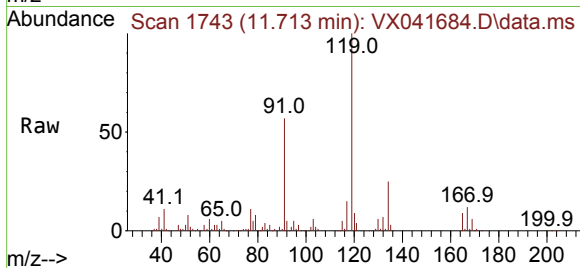
Tgt Ion: 91 Resp: 116992
Ion Ratio Lower Upper
91 100
126 31.8 0.0 62.2



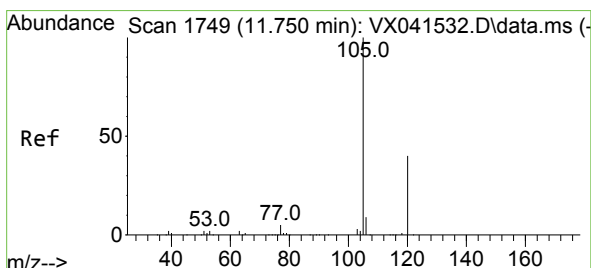
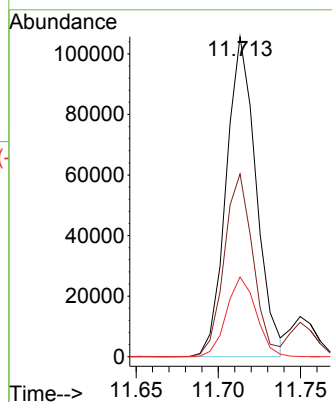
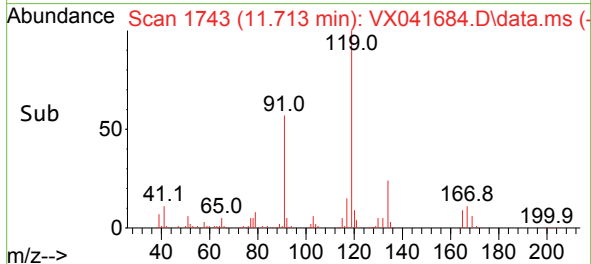


#79
tert-butylbenzene
Concen: 20.492 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Instrument :
MSVOA_X
ClientSampleId :

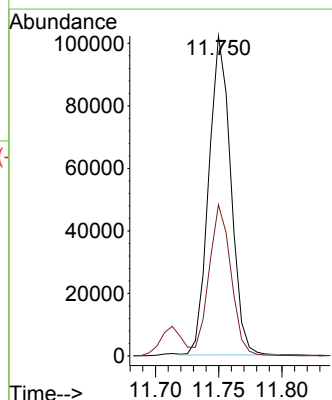
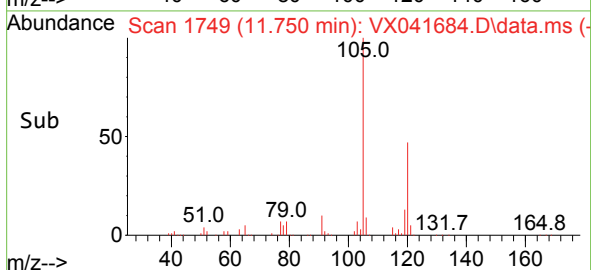
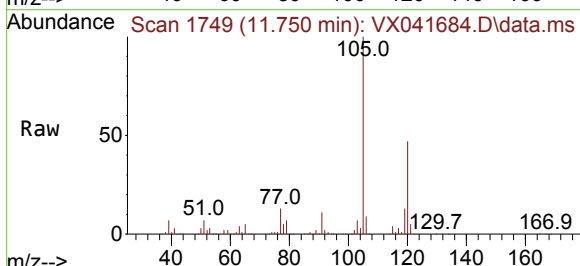


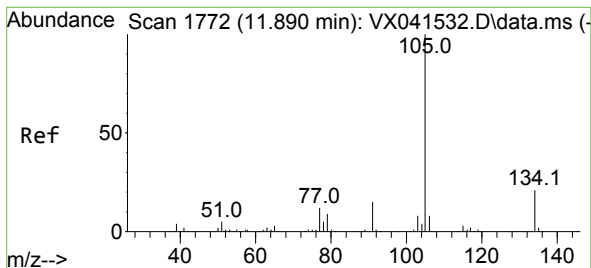
Tgt Ion:119 Resp: 133630
Ion Ratio Lower Upper
119 100
91 55.2 0.0 110.0
134 24.7 0.0 50.0



#80
1,2,4-Trimethylbenzene
Concen: 20.152 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

Tgt Ion:105 Resp: 123757
Ion Ratio Lower Upper
105 100
120 47.0 0.0 92.2





#81

sec-Butylbenzene

Concen: 20.466 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

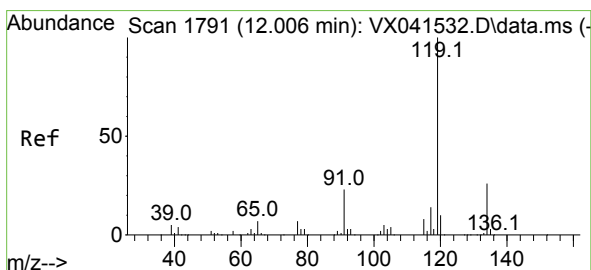
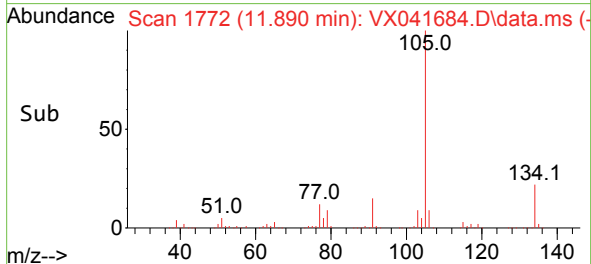
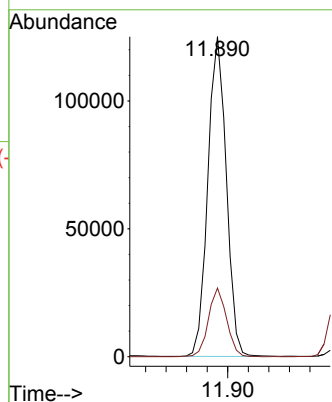
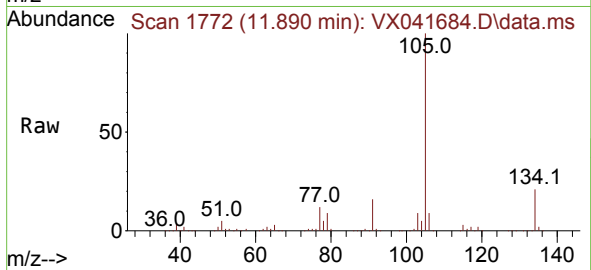
ClientSampleId :

Tgt Ion:105 Resp: 155950

Ion Ratio Lower Upper

105 100

134 21.1 0.0 43.4



#82

p-Isopropyltoluene

Concen: 20.390 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

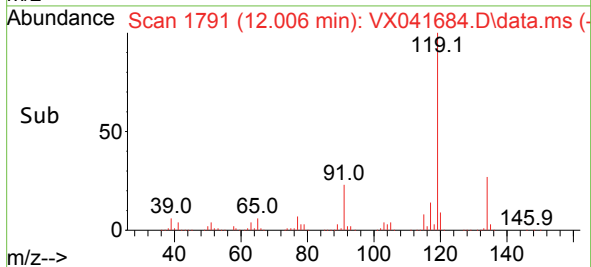
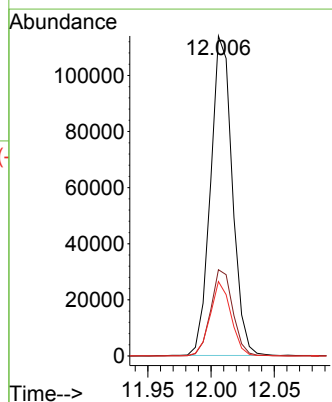
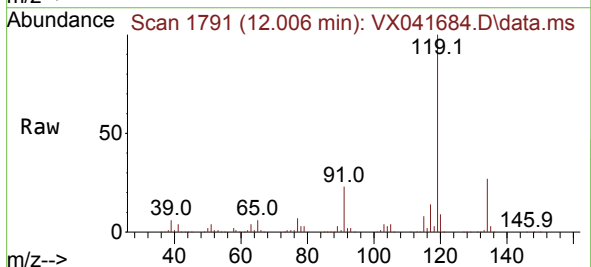
Tgt Ion:119 Resp: 136011

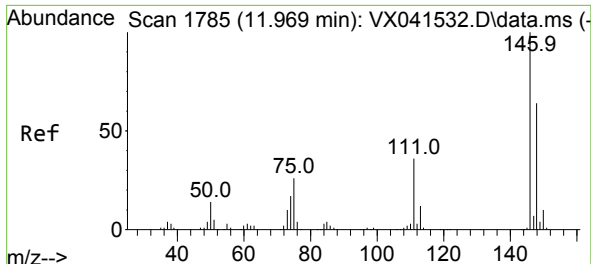
Ion Ratio Lower Upper

119 100

134 27.5 0.0 53.4

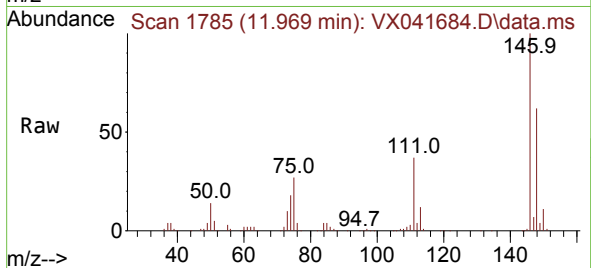
91 22.3 0.0 44.8



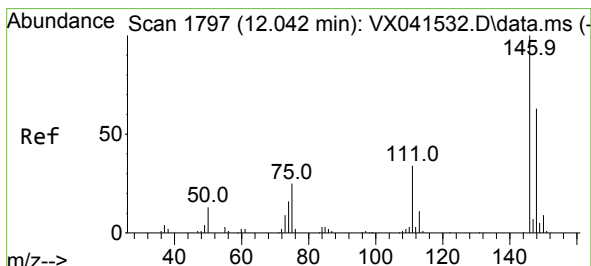
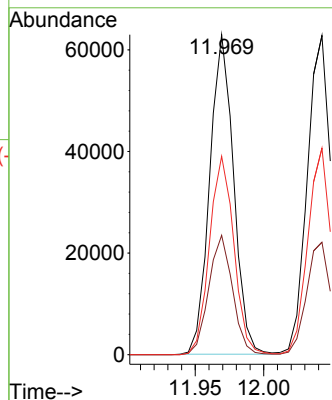
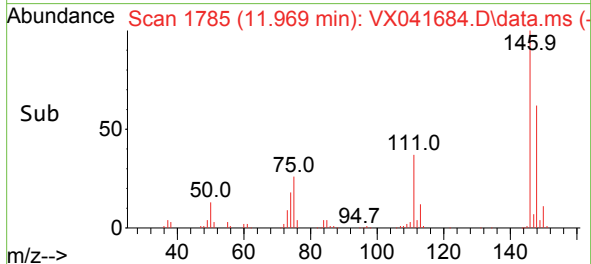


#83
 1,3-Dichlorobenzene
 Concen: 20.182 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29

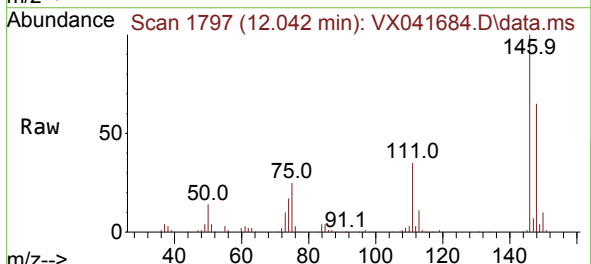
Instrument :
 MSVOA_X
 ClientSampleId :



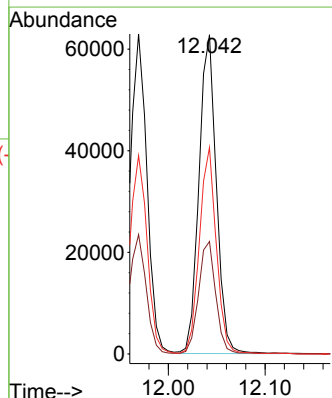
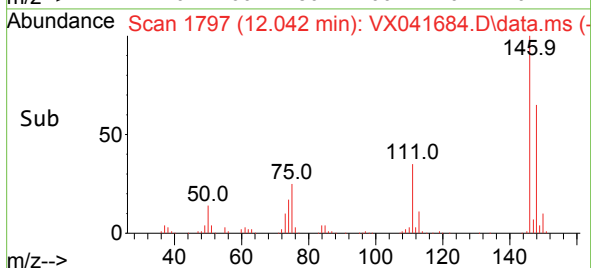
Tgt Ion:146 Resp: 76344
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.4 55.2
 148 63.4 32.3 96.9

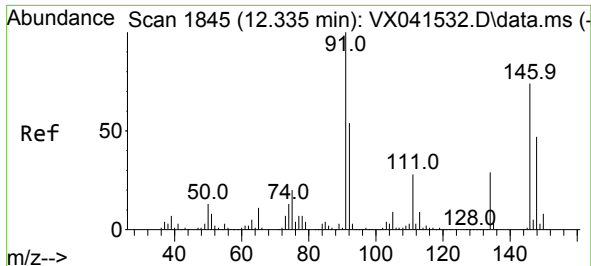


#84
 1,4-Dichlorobenzene
 Concen: 20.480 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX041684.D
 Acq: 30 May 2024 10:29



Tgt Ion:146 Resp: 78279
 Ion Ratio Lower Upper
 146 100
 111 35.2 17.8 53.5
 148 63.0 31.9 95.5

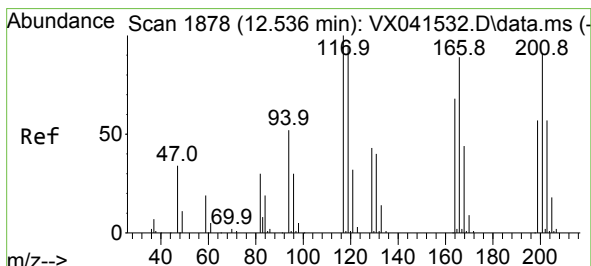
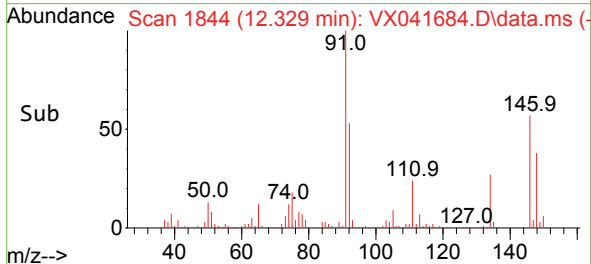
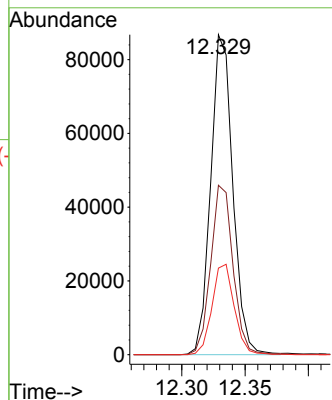
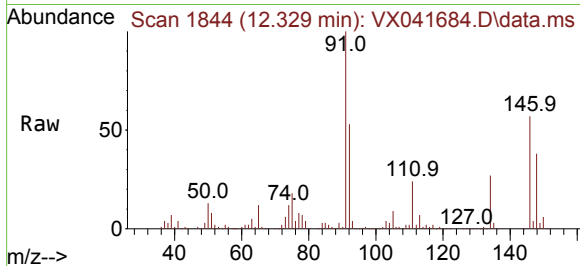




#85
n-Butylbenzene
Concen: 19.651 ug/l
RT: 12.329 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

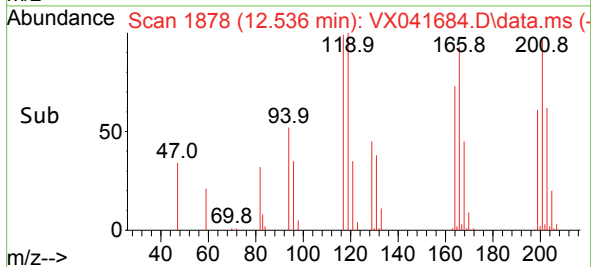
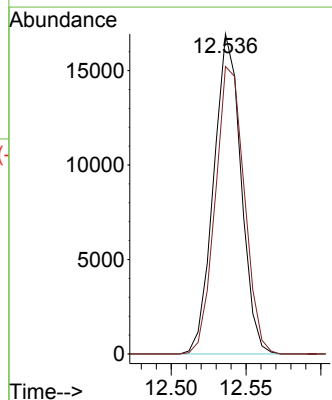
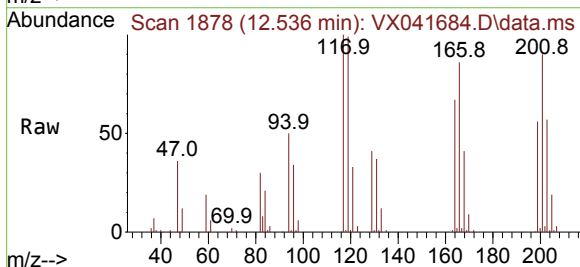
Instrument :
MSVOA_X
ClientSampleId :

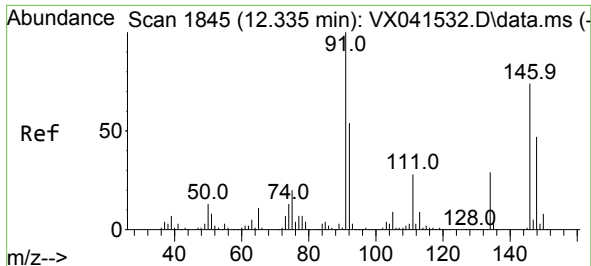
Tgt Ion: 91 Resp: 105480
Ion Ratio Lower Upper
91 100
92 53.5 0.0 108.4
134 28.4 0.0 56.6



#86
Hexachloroethane
Concen: 19.193 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

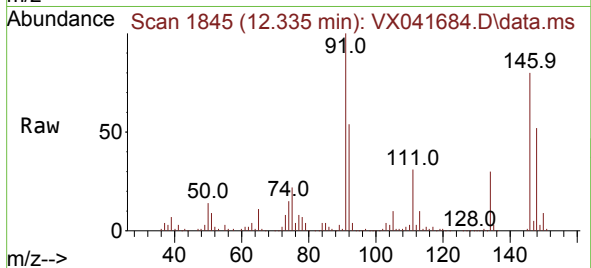
Tgt Ion: 117 Resp: 21554
Ion Ratio Lower Upper
117 100
201 95.2 47.3 141.8



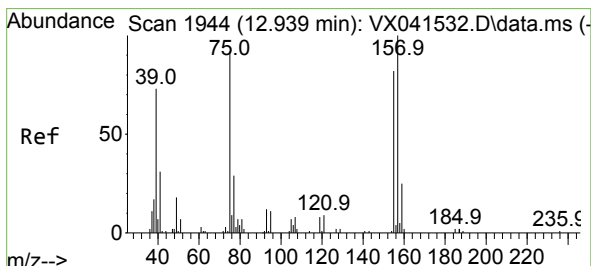
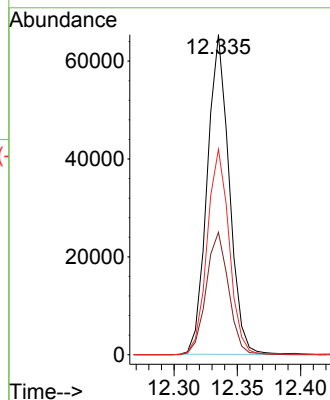
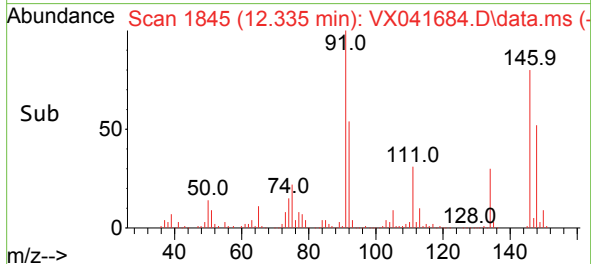


#87
1,2-Dichlorobenzene
Concen: 20.467 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29

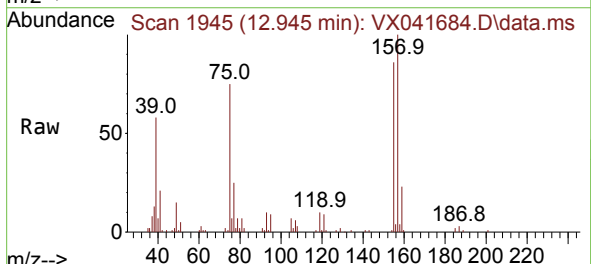
Instrument :
MSVOA_X
ClientSampleId :



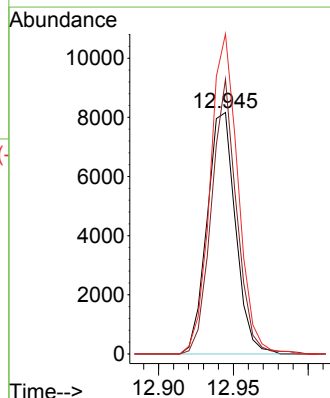
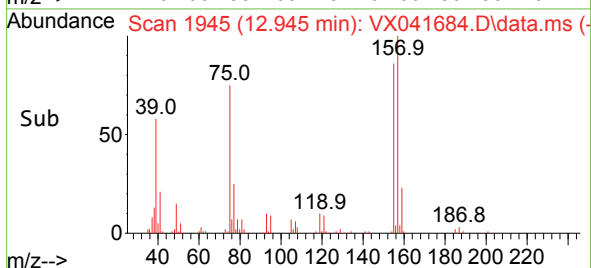
Tgt Ion:146 Resp: 79023
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.9
148 64.3 31.8 95.4

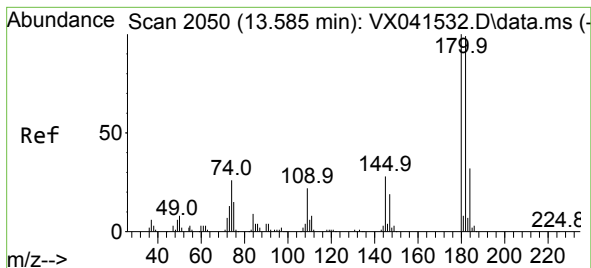


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.011 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041684.D
Acq: 30 May 2024 10:29



Tgt Ion: 75 Resp: 10837
Ion Ratio Lower Upper
75 100
155 100.1 80.4 120.6
157 129.2 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 20.140 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :

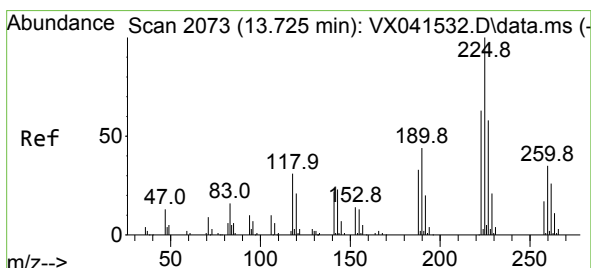
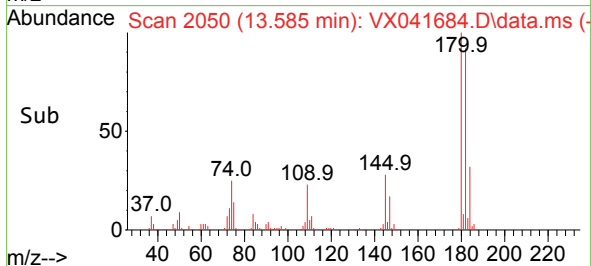
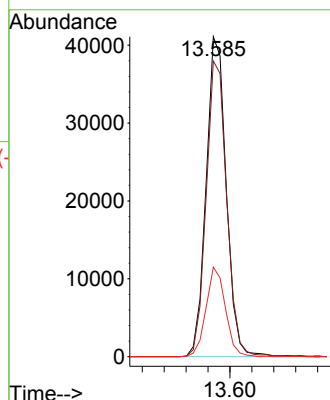
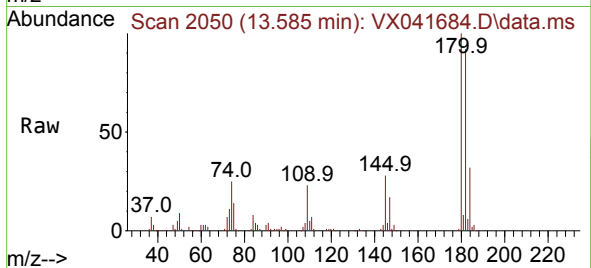
Tgt Ion:180 Resp: 52249

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

145 27.0 22.7 34.1



#90

Hexachlorobutadiene

Concen: 20.951 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

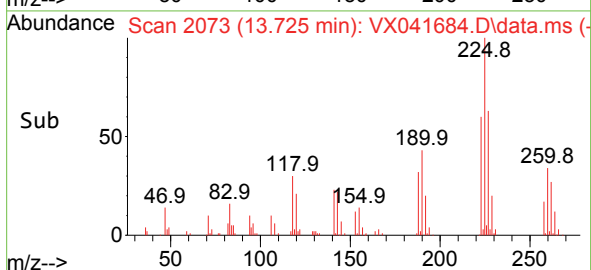
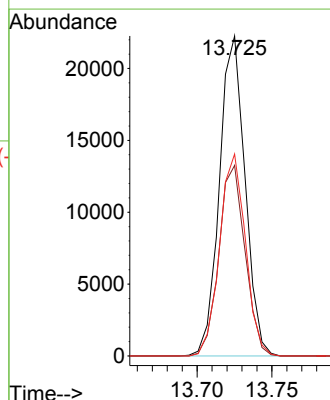
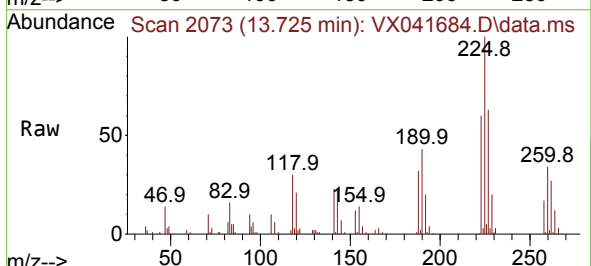
Tgt Ion:225 Resp: 26516

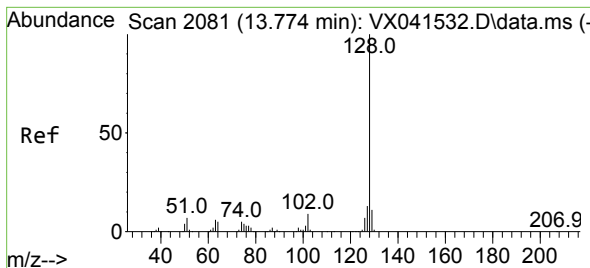
Ion Ratio Lower Upper

225 100

223 60.8 0.0 125.8

227 63.7 0.0 125.6





#91

Naphthalene

Concen: 20.306 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Instrument :

MSVOA_X

ClientSampleId :

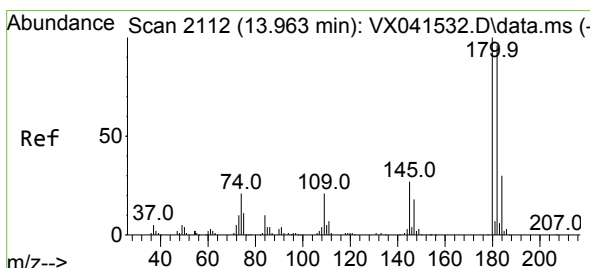
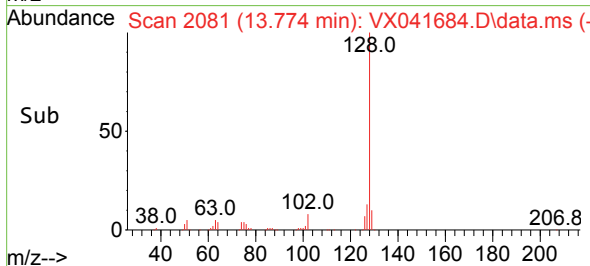
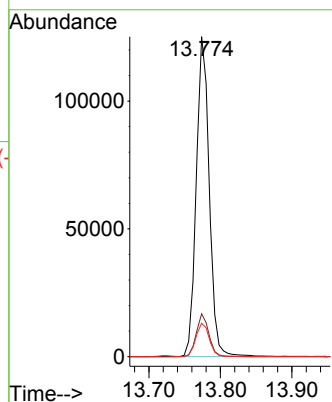
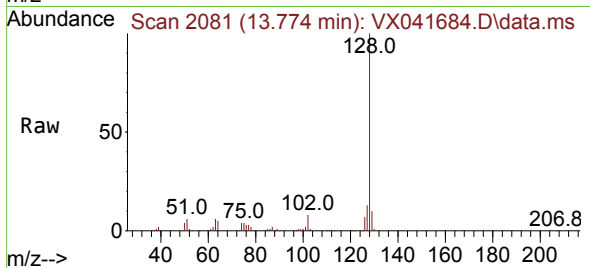
Tgt Ion:128 Resp: 157445

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 20.674 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041684.D

Acq: 30 May 2024 10:29

Tgt Ion:180 Resp: 54798

Ion Ratio Lower Upper

180 100

182 96.0 0.0 191.0

145 28.4 0.0 58.6

