

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039052.D
 Acq On : 29 Nov 2023 10:53
 Operator : JC/MD
 Sample : VX1129WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 30 01:36:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	11024	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	88397	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	108127	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	44916	29.782	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.267%
60) 4-Bromofluorobenzene	11.079	95	70431	29.822	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.400%
63) Toluene-d8	8.647	98	128463	30.050	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	34009	20.611	ug/l	99
3) Chloromethane	1.295	50	37431	19.812	ug/l	95
4) Vinyl Chloride	1.374	62	38135	19.994	ug/l	97
5) Bromomethane	1.612	94	25929	22.226	ug/l	97
6) Chloroethane	1.691	64	22036	19.839	ug/l	92
7) Trichlorofluoromethane	1.892	101	52904	20.097	ug/l	97
8) Diethyl Ether	2.130	74	20181	19.971	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	32188	21.638	ug/l	97
10) 1,1-Dichloroethene	2.319	96	31221	20.821	ug/l	99
11) Methyl Iodide	2.453	142	34081	20.741	ug/l	96
12) Methyl Acetate	2.697	43	93170	19.922	ug/l	96
13) Acrolein	2.233	56	43273	105.621	ug/l	99
14) Acrylonitrile	3.056	53	117690	102.889	ug/l	97
15) Acetone	2.374	58	39772	95.655	ug/l	98
16) Carbon Disulfide	2.514	76	87969	19.370	ug/l	98
17) Allyl chloride	2.660	41	60915	20.464	ug/l	97
18) Methylene Chloride	2.788	84	36447	20.505	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	34638	20.424	ug/l	96
20) Diisopropyl ether	3.758	45	118066	20.842	ug/l	91
21) 1,1-Dichloroethane	3.605	63	63484	20.156	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	40274	20.491	ug/l	98
23) tert-Butyl Alcohol	2.941	59	56733	89.592	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	111920	20.261	ug/l	100
25) Chloroform	5.087	83	64487	20.400	ug/l	95
26) Cyclohexane	5.465	56	58413	20.491	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	49870	20.125	ug/l	99
30) 2-Butanone	4.544	43	180237	96.606	ug/l	100
31) 2,2-Dichloropropane	4.471	77	55821	19.702	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	57157	19.956	ug/l	97
33) Carbon Tetrachloride	5.672	117	47638	19.746	ug/l	97
34) Benzene	6.031	78	145947	20.218	ug/l	98
35) Methacrylonitrile	4.910	41	33366	20.190	ug/l	94
36) 1,2-Dichloroethane	6.080	62	51596	19.480	ug/l	99
37) Trichloroethene	7.123	130	36412	19.874	ug/l	97
38) Methylcyclohexane	7.379	83	61487	19.914	ug/l	97
39) 1,2-Dichloropropane	7.428	63	36361	19.099	ug/l	99
40) Dibromomethane	7.580	93	26292	19.546	ug/l	99
41) Bromodichloromethane	7.818	83	50571	19.570	ug/l #	96
42) Vinyl Acetate	3.715	43	446930	100.576	ug/l	99

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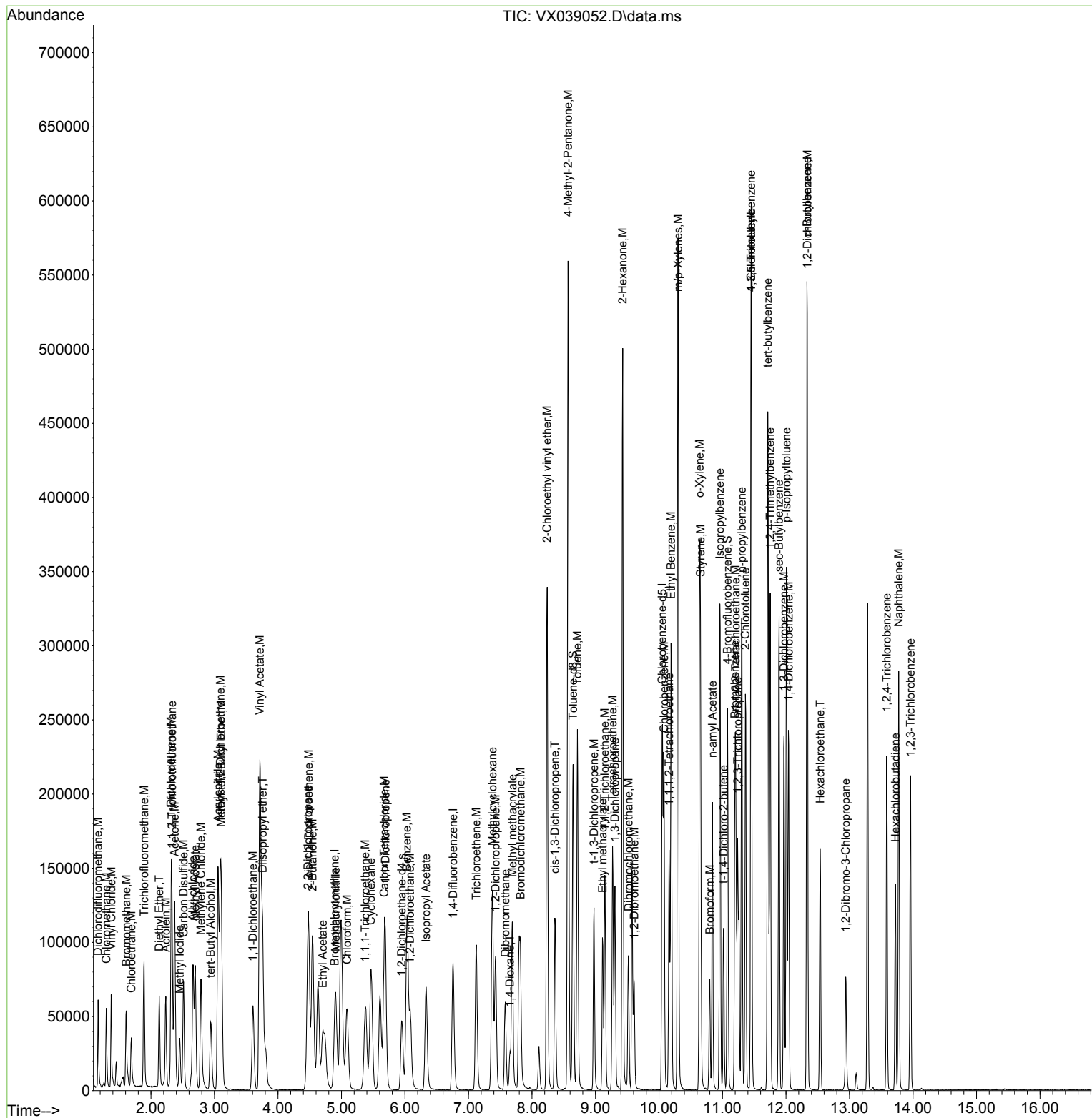
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	62878	19.589	ug/l	# 80
44) Isopropyl Acetate	6.330	43	99396	19.644	ug/l	99
45) 1,4-Dioxane	7.653	88	18952	366.899	ug/l	95
46) Methyl methacrylate	7.690	41	55963	19.344	ug/l	97
47) n-amyl Acetate	10.842	43	80640	18.829	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	56906	18.992	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	61049	19.750	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	37210	20.364	ug/l	96
51) Ethyl methacrylate	9.110	69	45520	19.901	ug/l	96
52) 1,3-Dichloropropane	9.305	76	62135	19.831	ug/l	99
53) Dibromochloromethane	9.519	129	37419	19.068	ug/l	100
54) 1,2-Dibromoethane	9.610	107	39293	19.609	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	136684	94.278	ug/l	99
56) Bromoform	10.799	173	26350	18.605	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	332769	101.487	ug/l	99
59) 2-Hexanone	9.427	43	269632	100.180	ug/l	99
61) Tetrachloroethene	9.269	164	28263	20.104	ug/l	96
62) Toluene	8.714	91	157569	20.526	ug/l	100
64) Chlorobenzene	10.080	112	95539	20.460	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	34038	20.240	ug/l	98
66) Ethyl Benzene	10.189	91	178552	20.426	ug/l	98
67) m/p-Xylenes	10.299	106	132305	40.960	ug/l	98
68) o-Xylene	10.640	106	63189	20.195	ug/l	99
69) Styrene	10.653	104	92186	19.908	ug/l	99
70) Isopropylbenzene	10.957	105	171288	20.461	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	62718	20.069	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	72712	27.496	ug/l	89
73) Bromobenzene	11.195	156	37013	19.420	ug/l	99
74) n-propylbenzene	11.305	91	209818	20.457	ug/l	100
75) 2-Chlorotoluene	11.360	91	122816	20.410	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	147638	20.471	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	19359	18.475	ug/l	96
78) 4-Chlorotoluene	11.451	91	141477	19.997	ug/l	100
79) tert-butylbenzene	11.713	119	139672	20.367	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	144980	20.086	ug/l	100
81) sec-Butylbenzene	11.890	105	175961	20.297	ug/l	99
82) p-Isopropyltoluene	12.006	119	146445	19.931	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	74440	20.408	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	74753	19.973	ug/l	99
85) n-Butylbenzene	12.329	91	148074	20.407	ug/l	98
86) Hexachloroethane	12.536	117	27137	19.492	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	69595	19.842	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15368	19.228	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	46680	20.073	ug/l	96
90) Hexachlorobutadiene	13.725	225	17888	21.543	ug/l	99
91) Naphthalene	13.774	128	167441	19.524	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	46519	20.652	ug/l	99

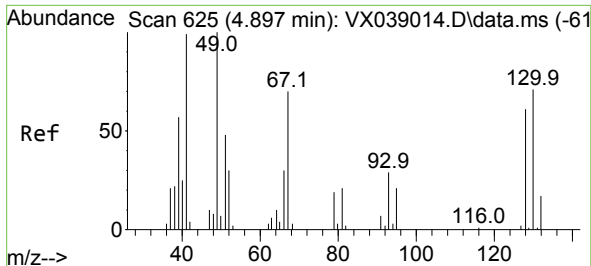
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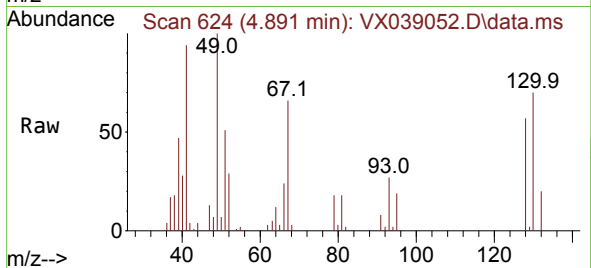
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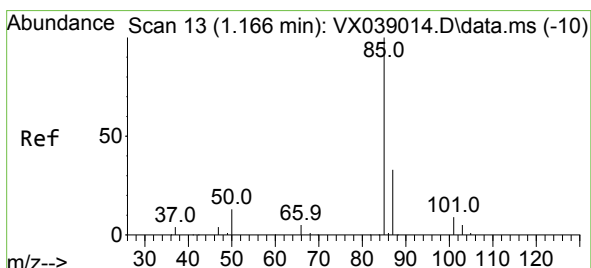
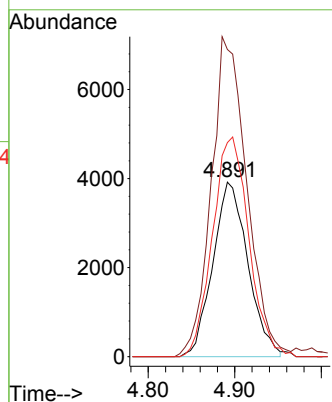
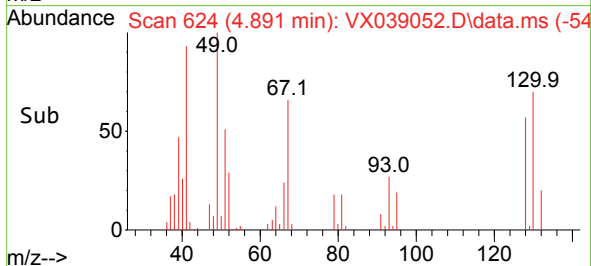


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

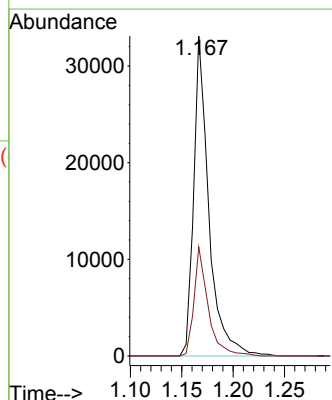
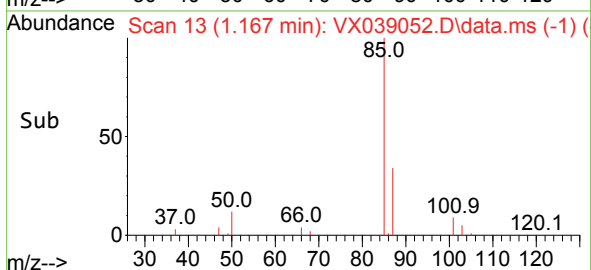
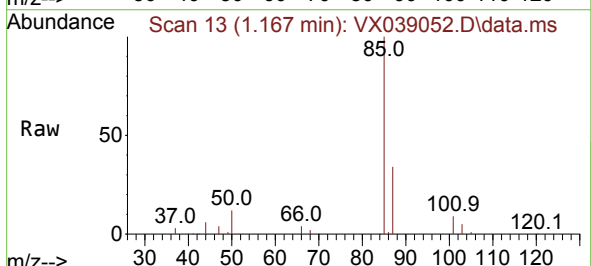


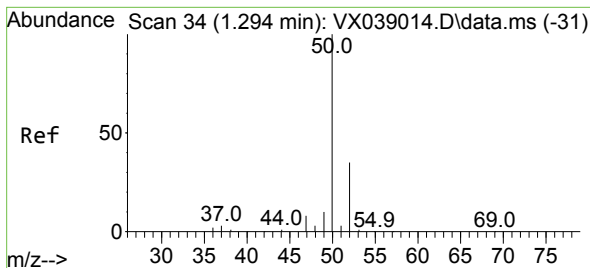
Tgt Ion:128 Resp: 11024
Ion Ratio Lower Upper
128 100
49 185.9 0.0 444.0
130 130.7 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 20.611 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 85 Resp: 34009
Ion Ratio Lower Upper
85 100
87 34.0 16.7 50.1





#3

Chloromethane

Concen: 19.812 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

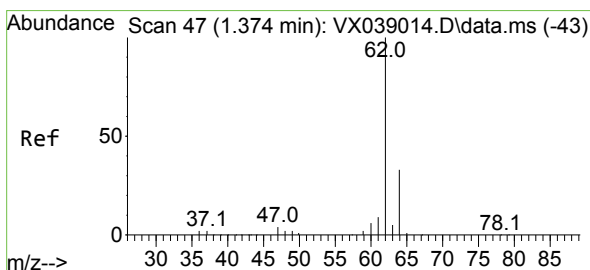
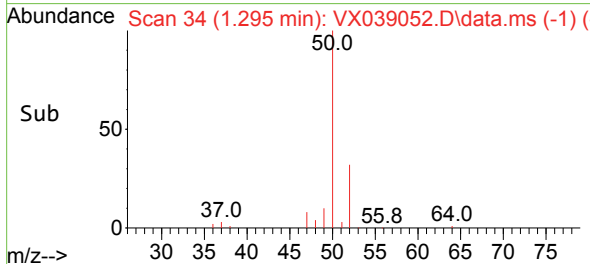
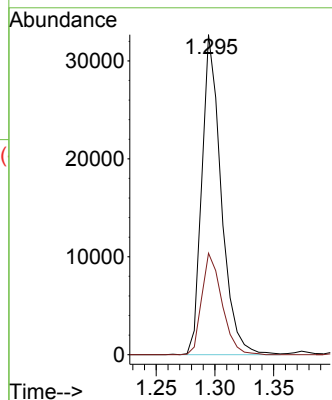
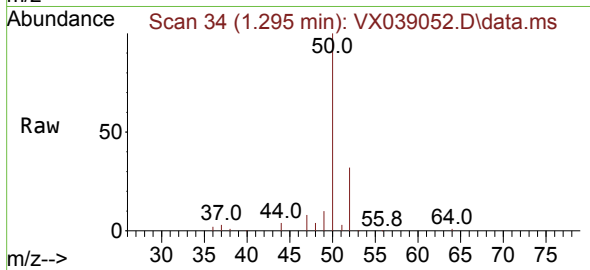
ClientSampleId :

Tgt Ion: 50 Resp: 37431

Ion Ratio Lower Upper

50 100

52 31.7 27.8 41.8



#4

Vinyl Chloride

Concen: 19.994 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039052.D

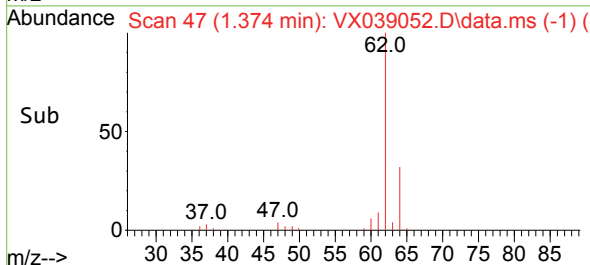
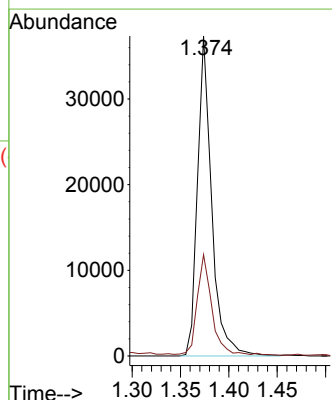
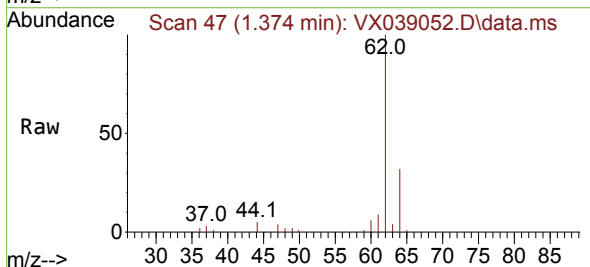
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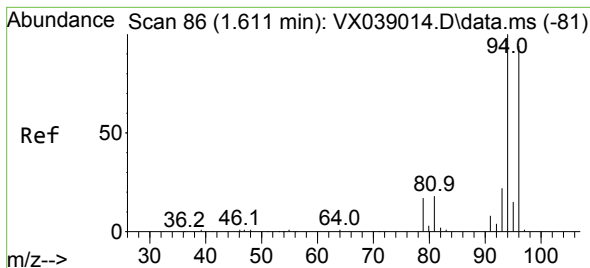
Tgt Ion: 62 Resp: 38135

Ion Ratio Lower Upper

62 100

64 31.4 26.3 39.5





#5

Bromomethane

Concen: 22.226 ug/l

RT: 1.612 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

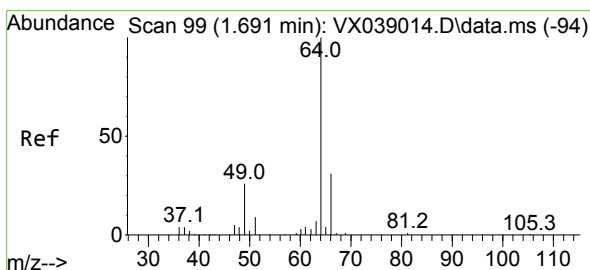
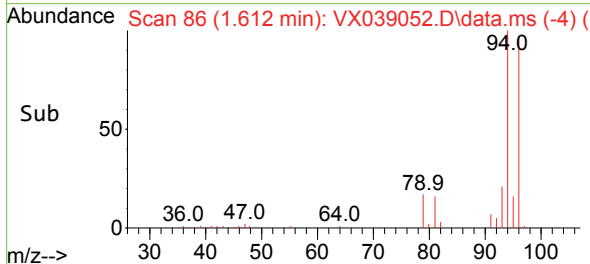
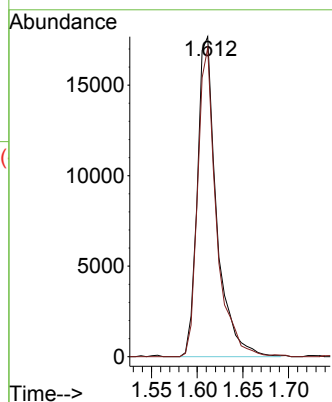
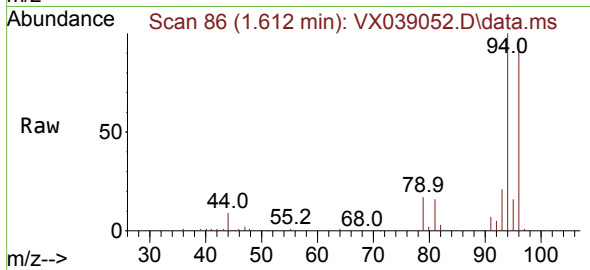
ClientSampleId :

Tgt Ion: 94 Resp: 25929

Ion Ratio Lower Upper

94 100

96 96.6 74.9 112.3



#6

Chloroethane

Concen: 19.839 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX039052.D

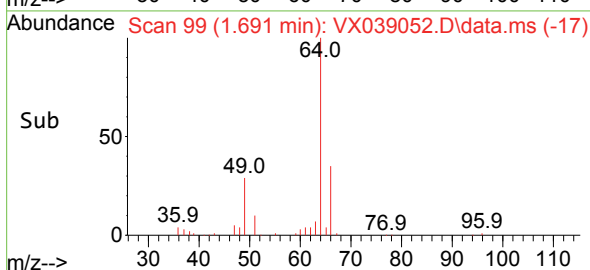
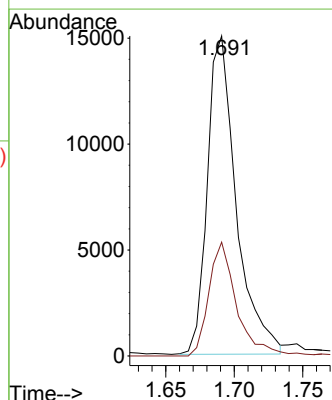
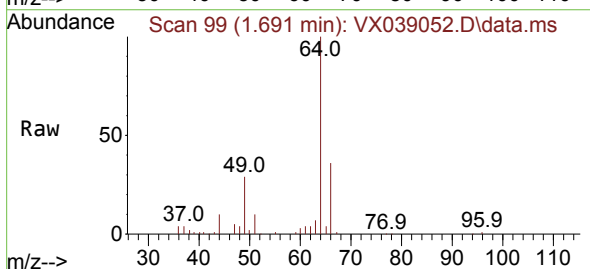
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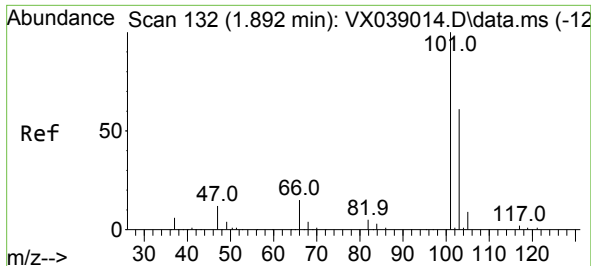
Tgt Ion: 64 Resp: 22036

Ion Ratio Lower Upper

64 100

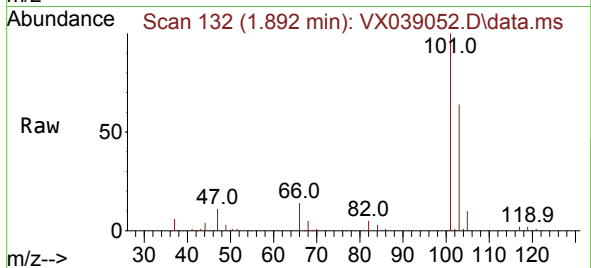
66 35.8 25.0 37.6



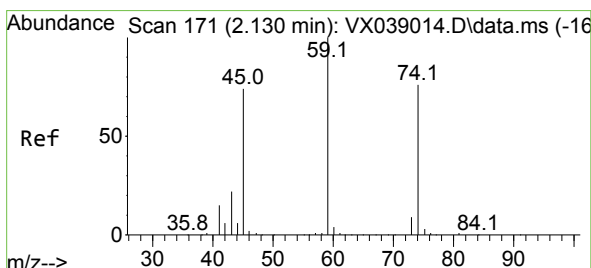
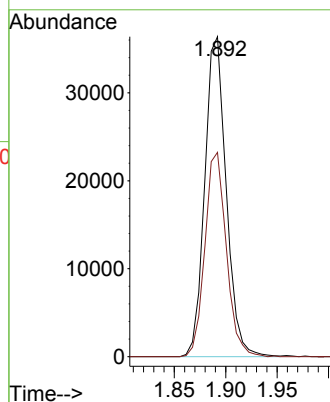
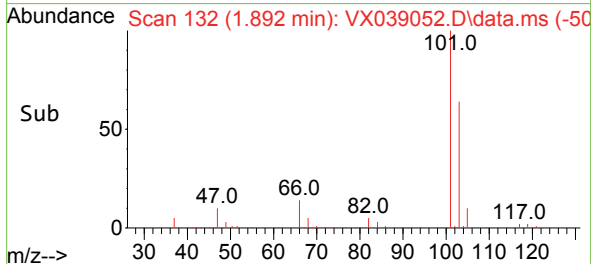


#7
 Trichlorofluoromethane
 Concen: 20.097 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039052.D
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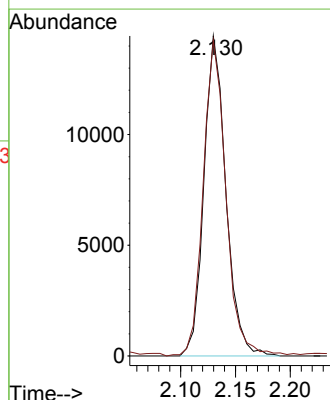
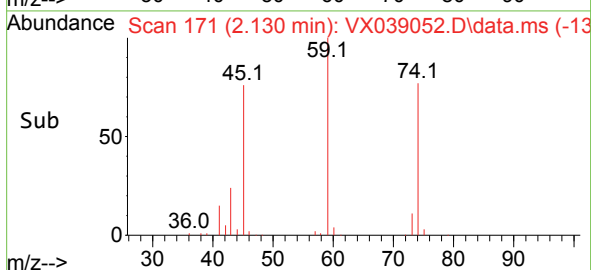
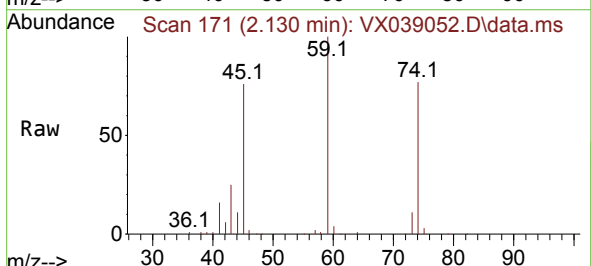


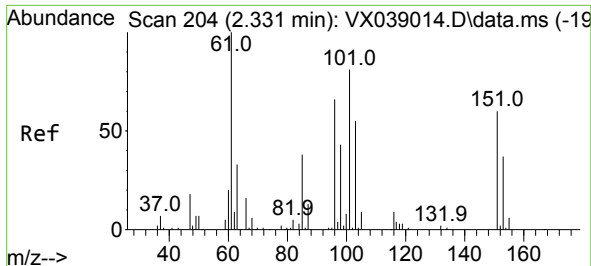
Tgt Ion:101 Resp: 52904
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.1 73.7



#8
 Diethyl Ether
 Concen: 19.971 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039052.D
 Acq: 29 Nov 2023 10:53

Tgt Ion: 74 Resp: 20181
 Ion Ratio Lower Upper
 74 100
 45 101.9 20.5 184.5

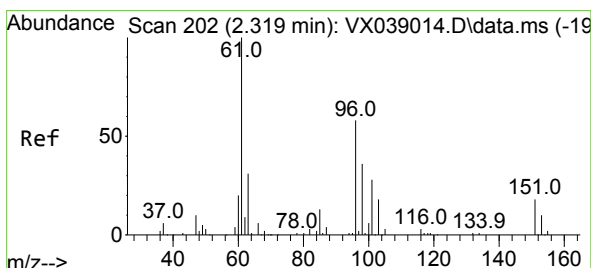
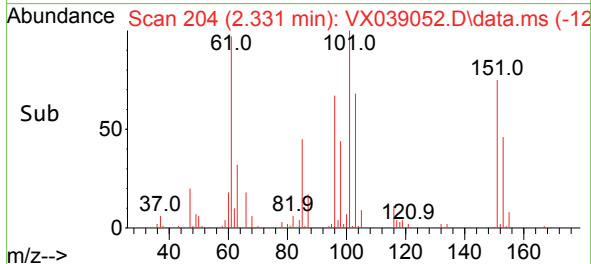
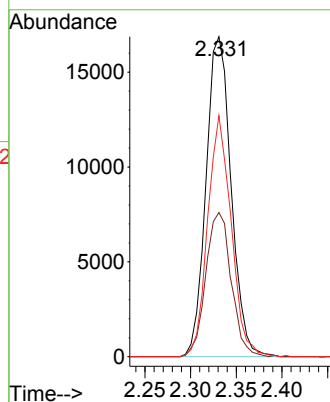
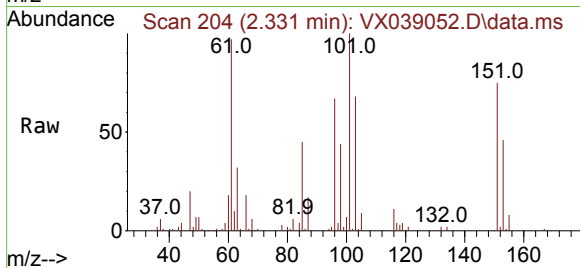




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.638 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039052.D
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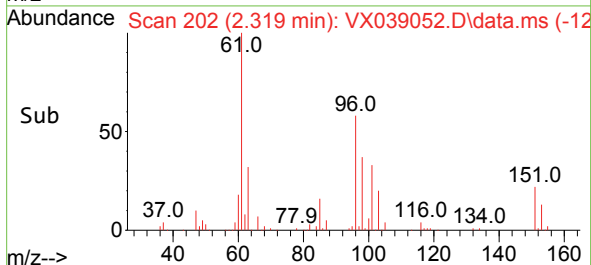
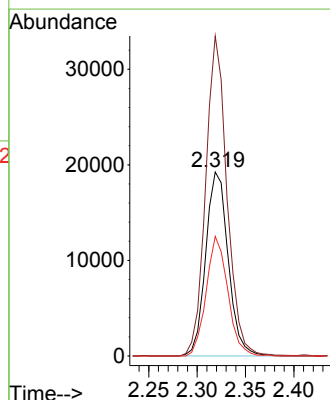
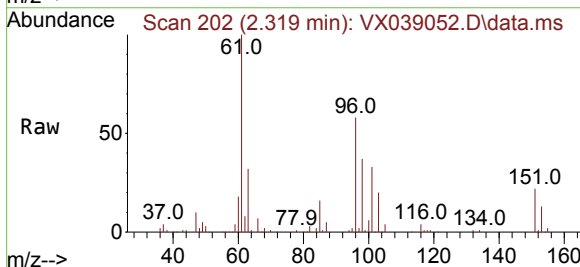
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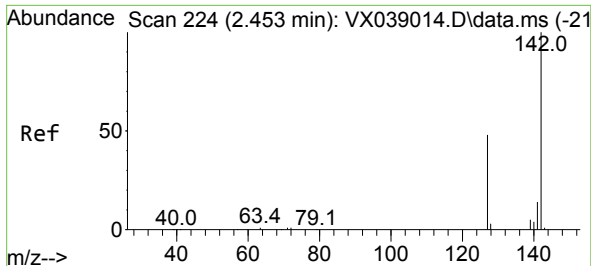
Tgt Ion:101 Resp: 32188
Ion Ratio Lower Upper
101 100
85 45.7 0.0 95.2
151 70.7 0.0 136.8



#10
1,1-Dichloroethene
Concen: 20.821 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

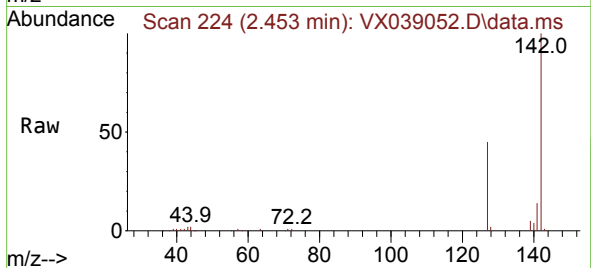
Tgt Ion: 96 Resp: 31221
Ion Ratio Lower Upper
96 100
61 173.9 138.3 207.5
98 64.9 49.8 74.6



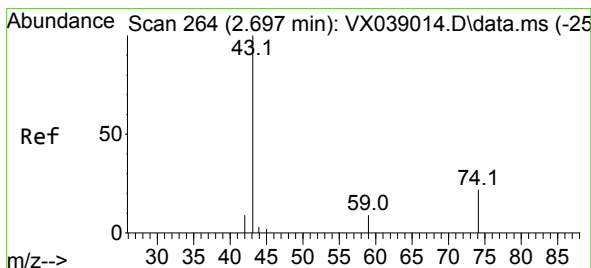
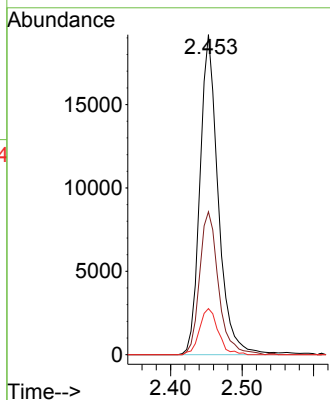
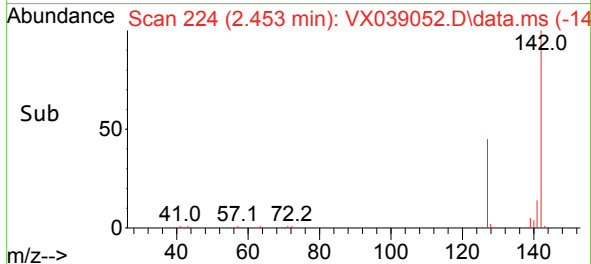


#11
Methyl Iodide
Concen: 20.741 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

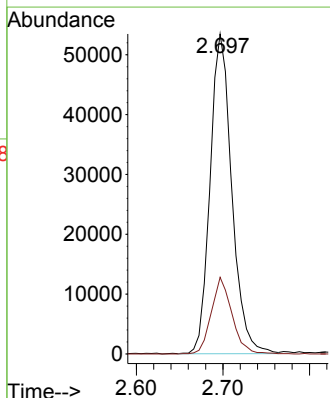
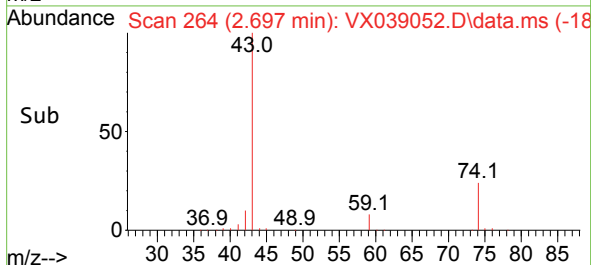
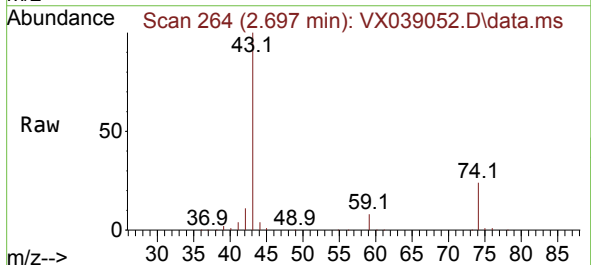


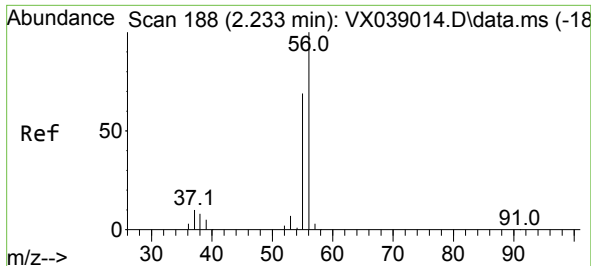
Tgt Ion:142 Resp: 34081
Ion Ratio Lower Upper
142 100
127 44.8 23.8 71.4
141 14.5 6.9 20.6



#12
Methyl Acetate
Concen: 19.922 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 43 Resp: 93170
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.6

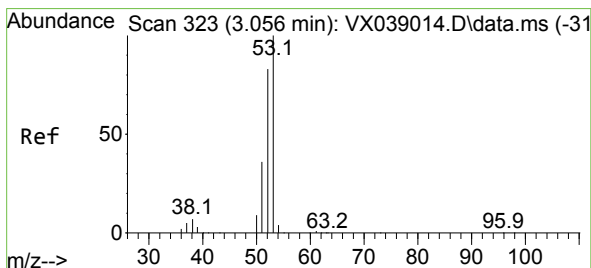
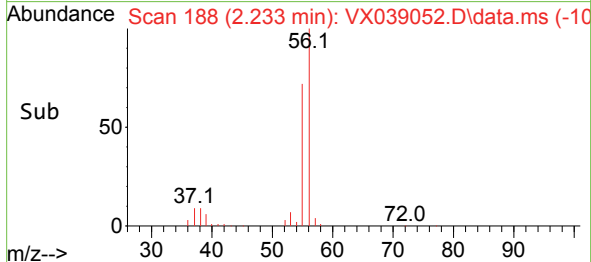
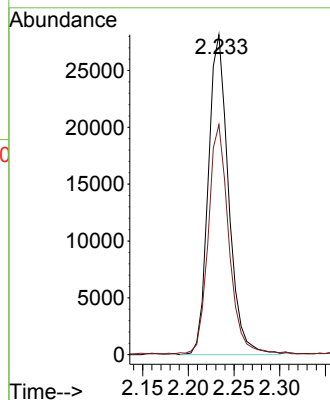
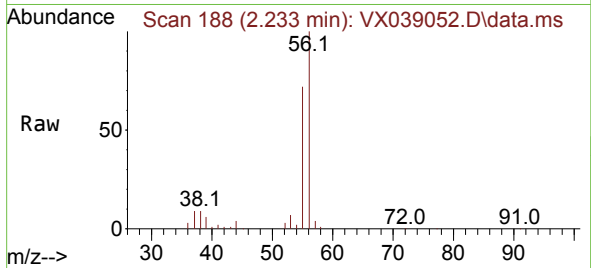




#13
Acrolein
Concen: 105.621 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

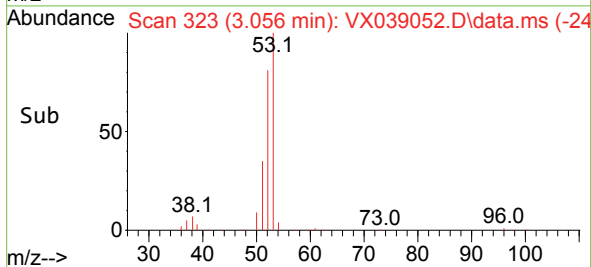
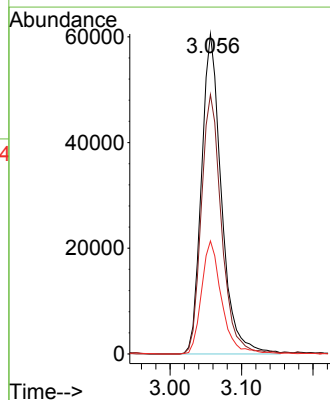
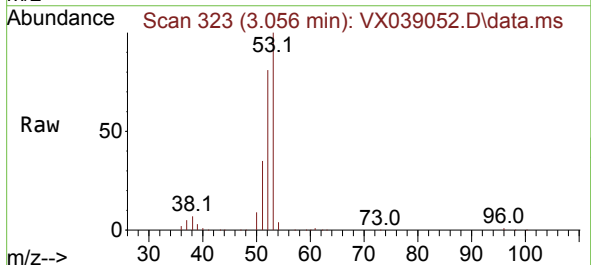
Instrument :
MSVOA_X
ClientSampleId :

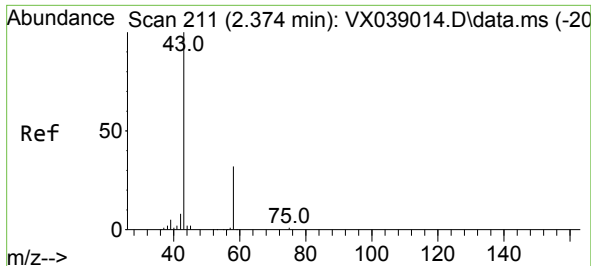
Tgt Ion: 56 Resp: 43273
Ion Ratio Lower Upper
56 100
55 72.3 57.2 85.8



#14
Acrylonitrile
Concen: 102.889 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 53 Resp: 117690
Ion Ratio Lower Upper
53 100
52 81.1 41.9 125.6
51 35.6 18.3 54.9





#15

Acetone

Concen: 95.655 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

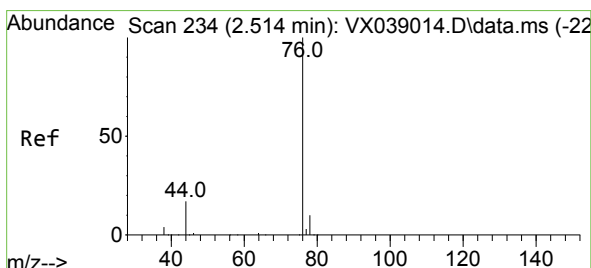
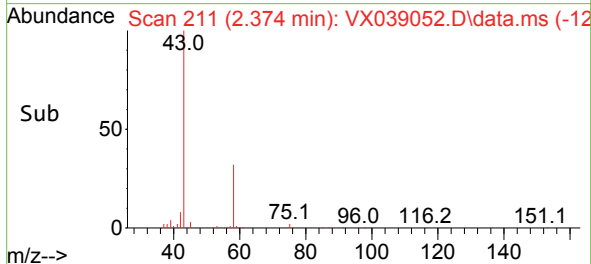
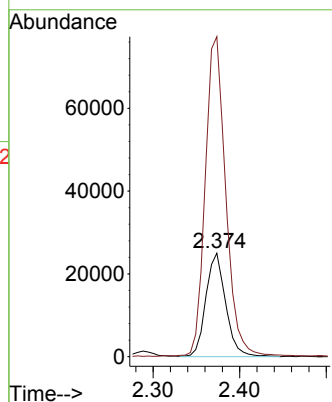
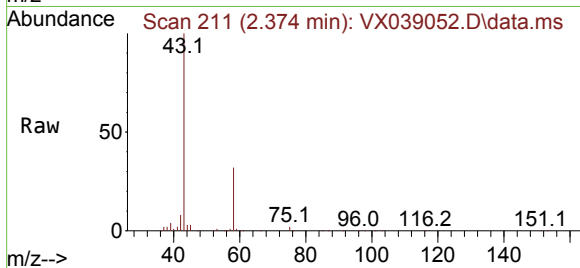
ClientSampleId :

Tgt Ion: 58 Resp: 39772

Ion Ratio Lower Upper

58 100

43 307.8 249.9 374.9



#16

Carbon Disulfide

Concen: 19.370 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039052.D

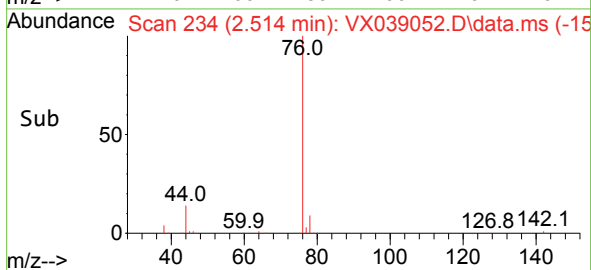
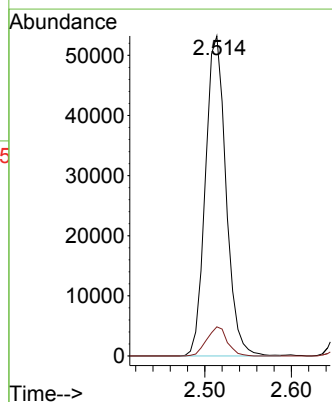
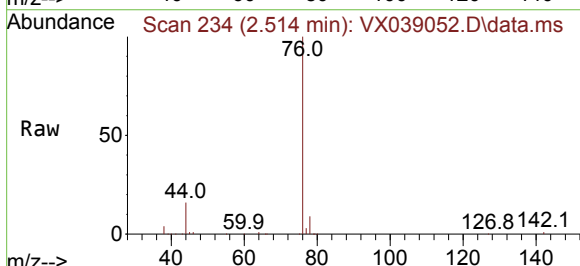
Acq: 29 Nov 2023 10:53

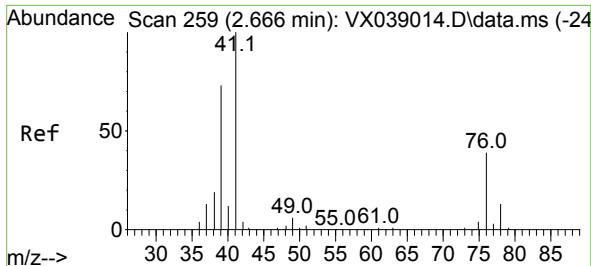
Tgt Ion: 76 Resp: 87969

Ion Ratio Lower Upper

76 100

78 9.1 8.0 12.0





#17

Allyl chloride

Concen: 20.464 ug/l

RT: 2.660 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

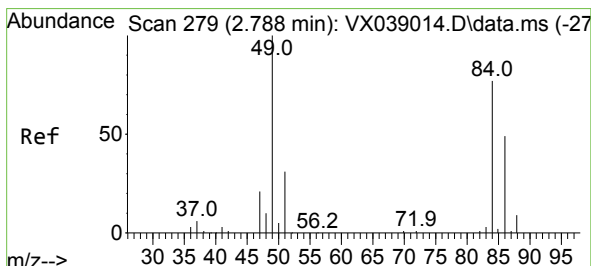
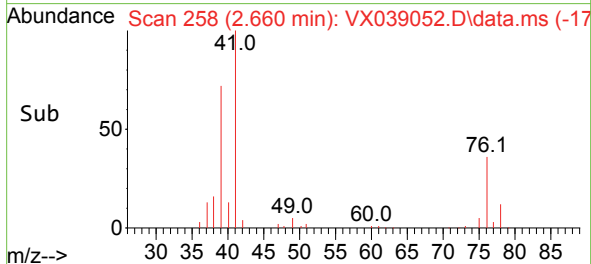
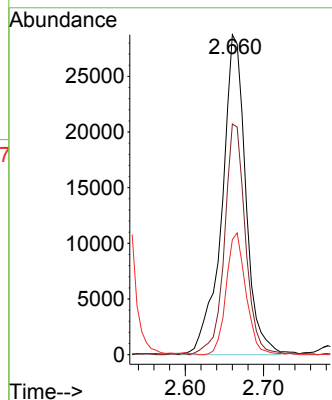
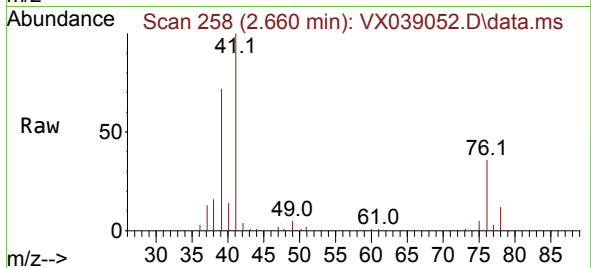
Tgt Ion: 41 Resp: 60915

Ion Ratio Lower Upper

41 100

39 71.8 36.5 109.5

76 35.6 19.7 59.0



#18

Methylene Chloride

Concen: 20.505 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Tgt Ion: 84 Resp: 36447

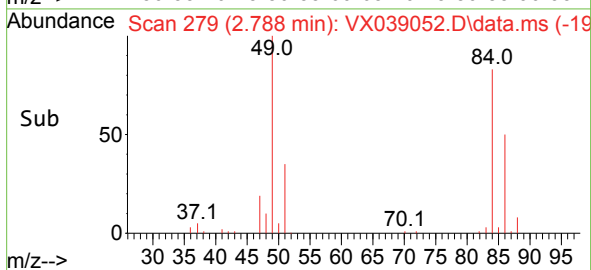
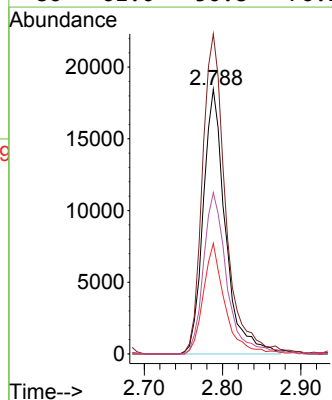
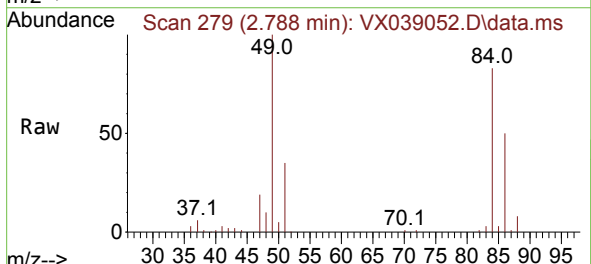
Ion Ratio Lower Upper

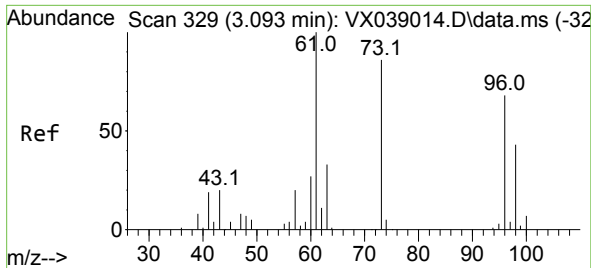
84 100

49 120.9 103.8 155.8

51 41.8 31.8 47.6

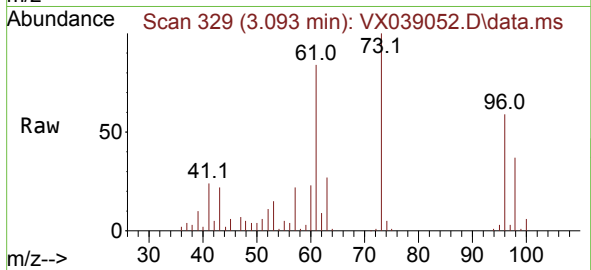
86 61.0 50.8 76.2



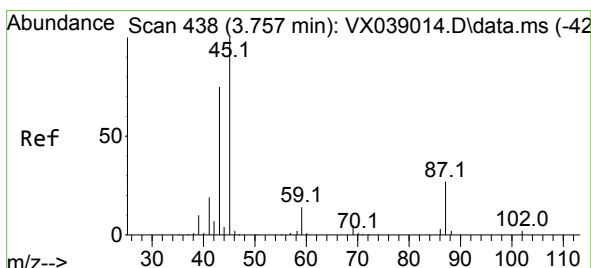
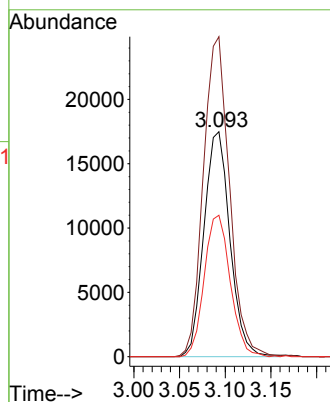
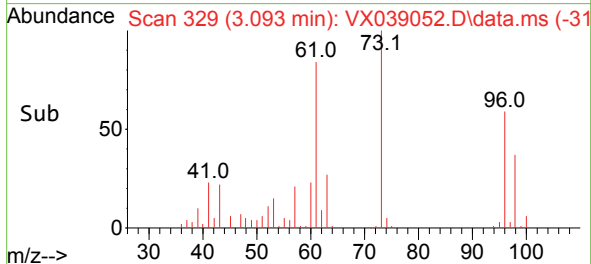


#19
trans-1,2-Dichloroethene
Concen: 20.424 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

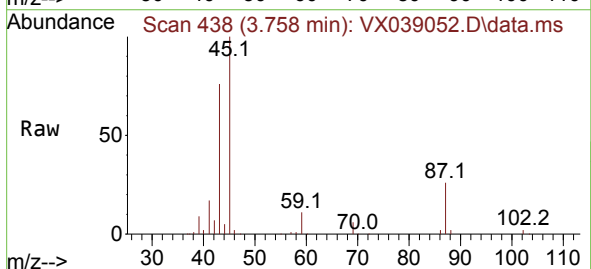
Instrument :
MSVOA_X
ClientSampleId :



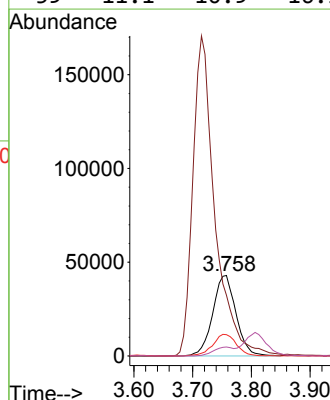
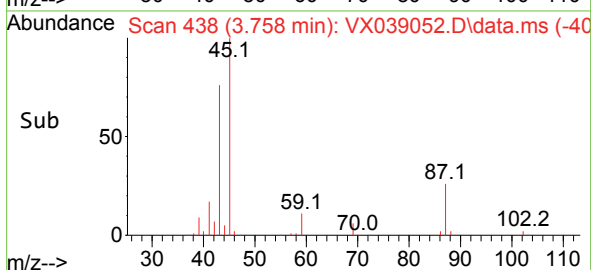
Tgt Ion: 96 Resp: 34638
Ion Ratio Lower Upper
96 100
61 141.6 117.9 176.9
98 62.8 51.0 76.6

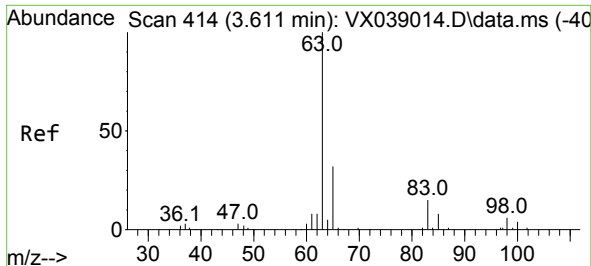


#20
Diisopropyl ether
Concen: 20.842 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53



Tgt Ion: 45 Resp: 118066
Ion Ratio Lower Upper
45 100
43 73.4 67.7 101.5
87 26.4 21.5 32.3
59 11.1 10.9 16.3

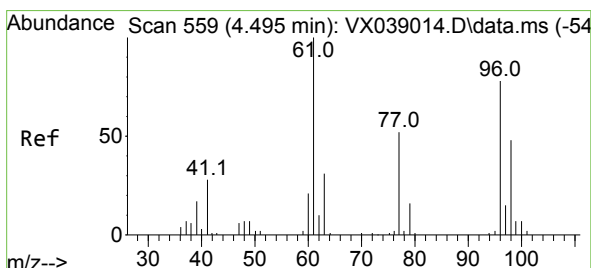
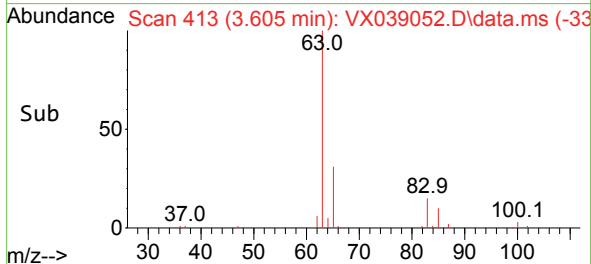
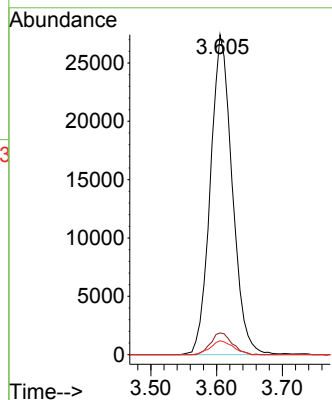
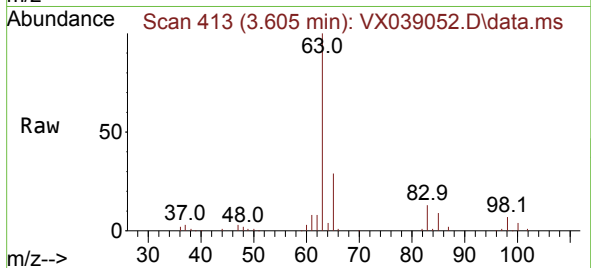




#21
1,1-Dichloroethane
Concen: 20.156 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

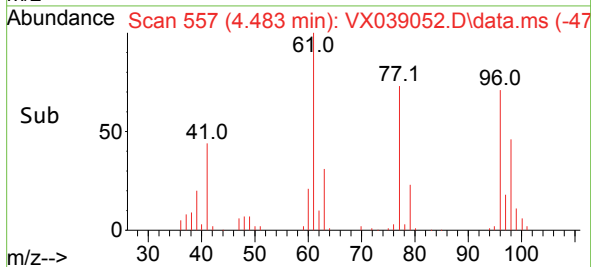
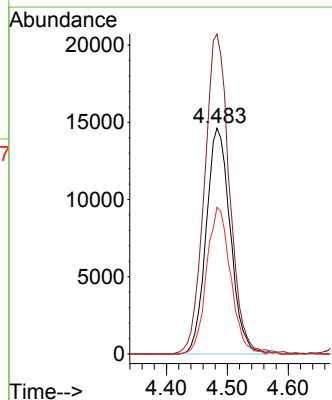
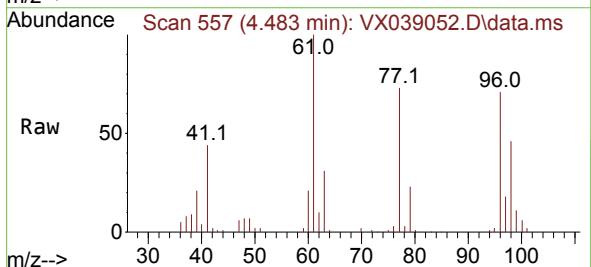
Instrument :
MSVOA_X
ClientSampleId :

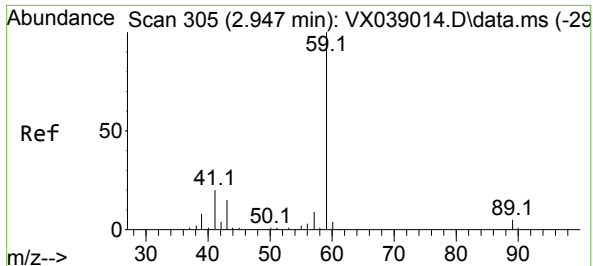
Tgt Ion: 63 Resp: 63484
Ion Ratio Lower Upper
63 100
98 6.8 2.9 8.8
100 4.3 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 20.491 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 96 Resp: 40274
Ion Ratio Lower Upper
96 100
61 146.7 119.8 179.6
98 64.2 50.9 76.3

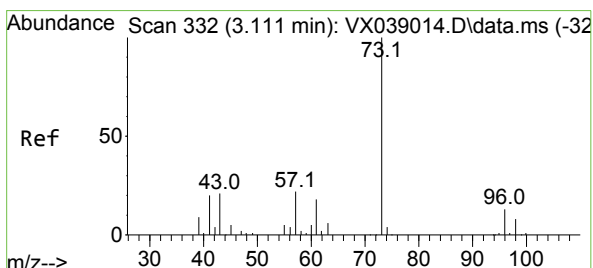
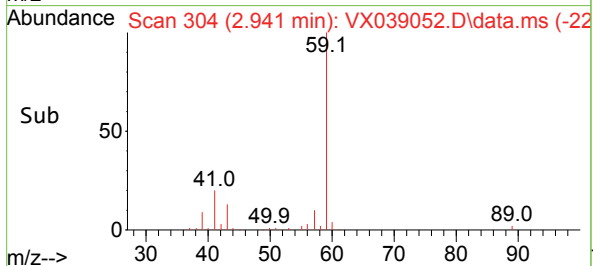
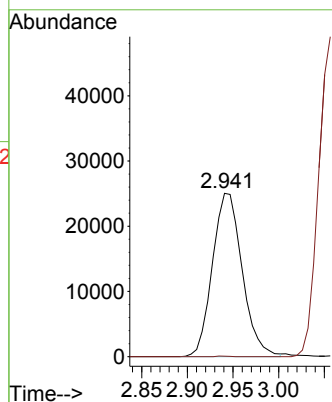
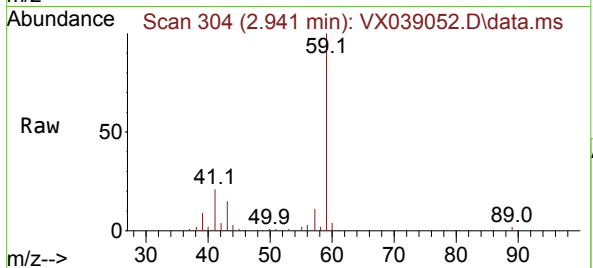




#23
tert-Butyl Alcohol
Concen: 89.592 ug/l
RT: 2.941 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

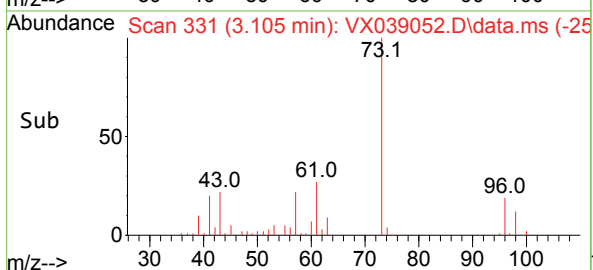
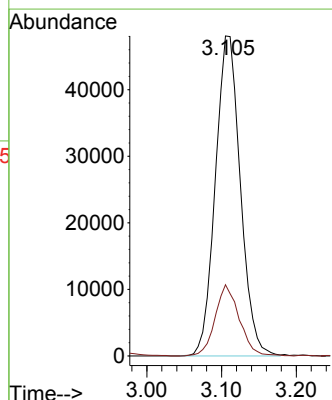
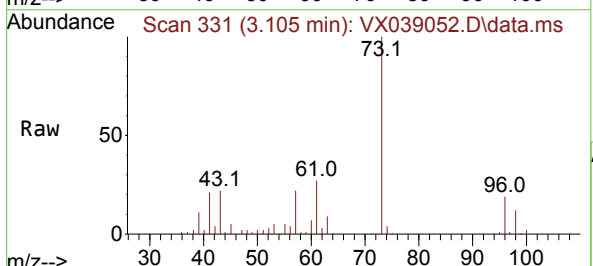
Instrument :
MSVOA_X
ClientSampleId :

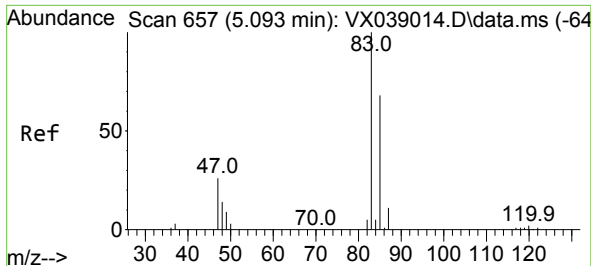
Tgt Ion: 59 Resp: 56733
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.261 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 73 Resp: 111920
Ion Ratio Lower Upper
73 100
43 21.5 17.0 25.6

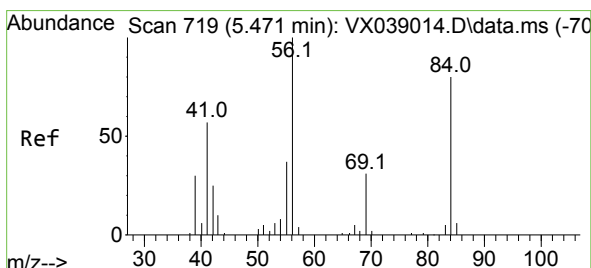
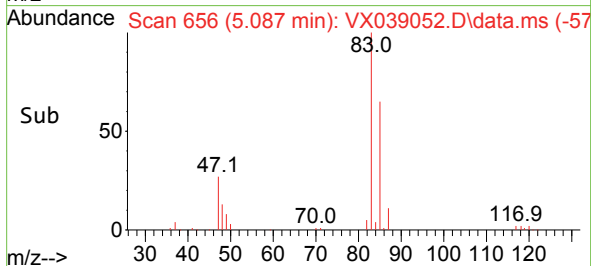
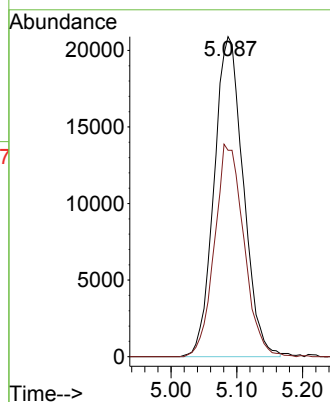
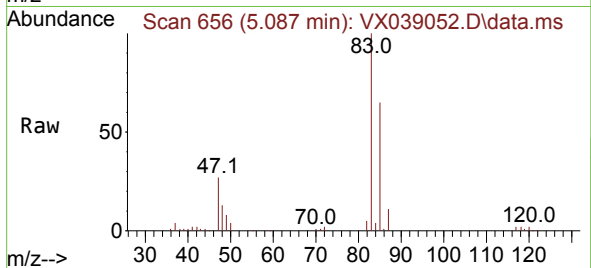




#25
Chloroform
Concen: 20.400 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

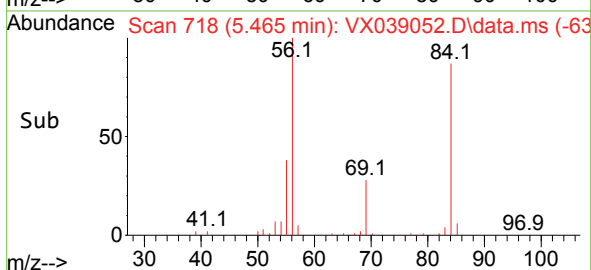
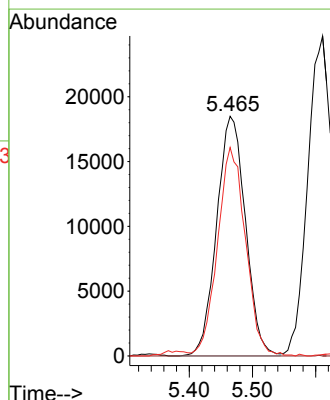
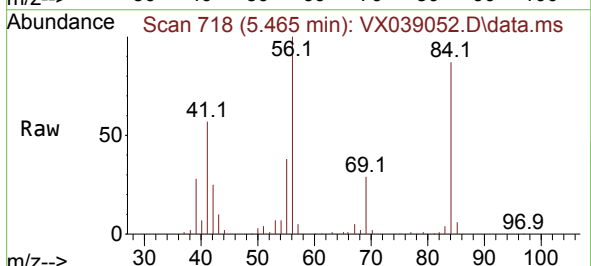
Instrument :
MSVOA_X
ClientSampleId :

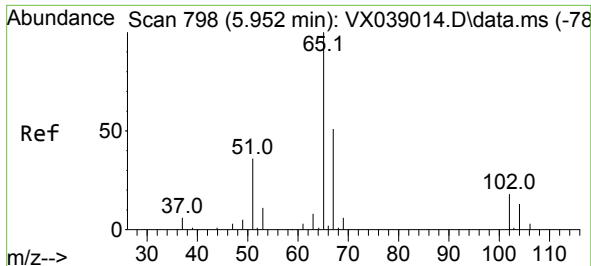
Tgt Ion: 83 Resp: 64487
Ion Ratio Lower Upper
83 100
85 64.5 54.6 81.8



#26
Cyclohexane
Concen: 20.491 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 56 Resp: 58413
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.5 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 29.782 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

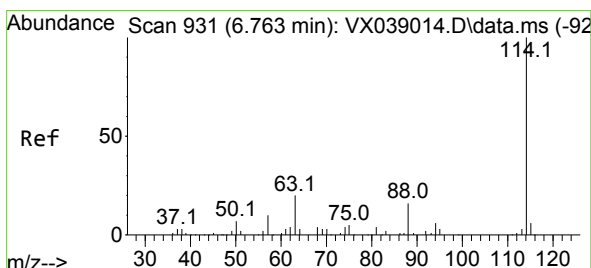
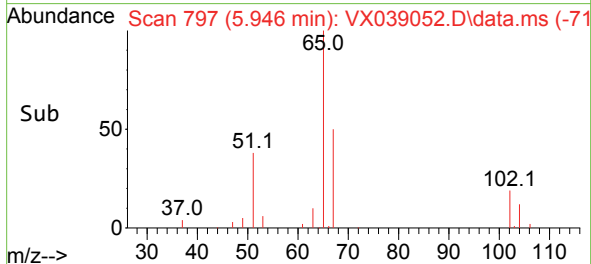
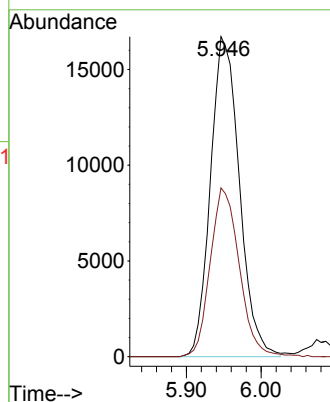
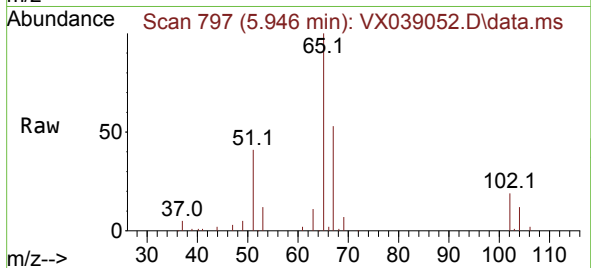
ClientSampleId :

Tgt Ion: 65 Resp: 44916

Ion Ratio Lower Upper

65 100

67 52.8 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

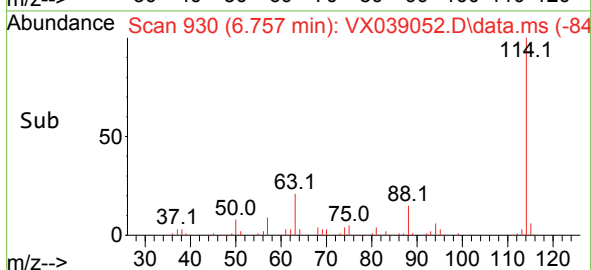
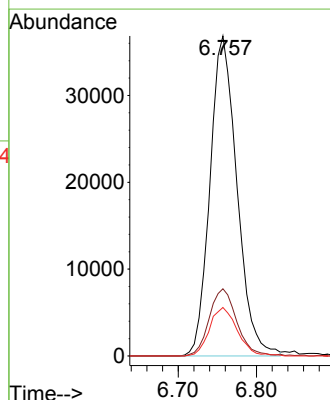
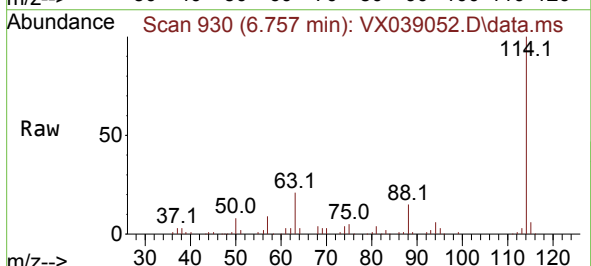
Tgt Ion: 114 Resp: 88397

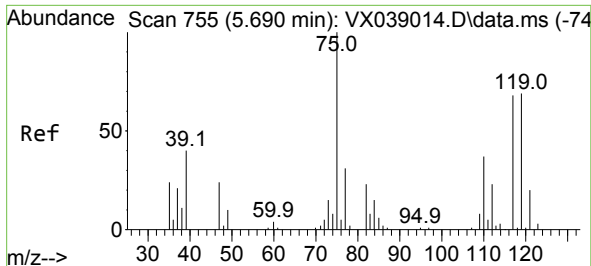
Ion Ratio Lower Upper

114 100

63 21.3 17.0 25.4

88 15.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.125 ug/l

RT: 5.690 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

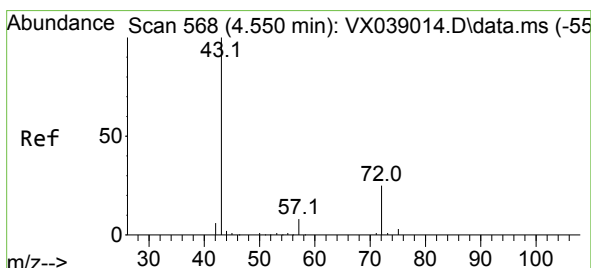
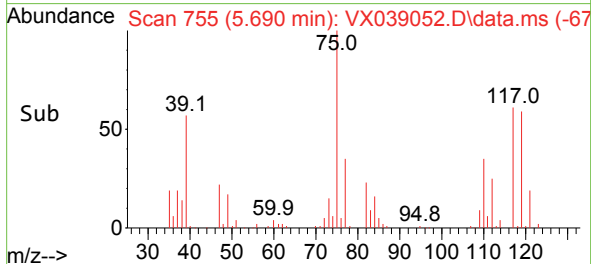
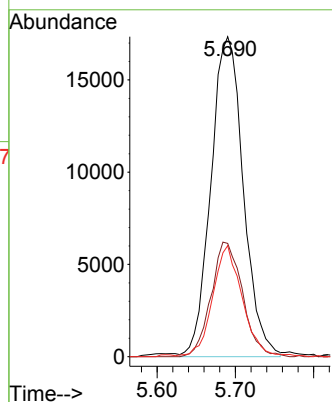
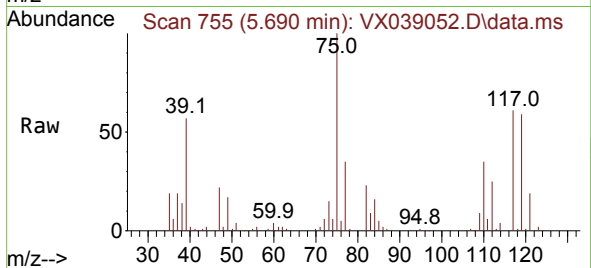
Tgt Ion: 75 Resp: 49870

Ion Ratio Lower Upper

75 100

110 34.7 0.0 71.2

77 31.0 0.0 62.6



#30

2-Butanone

Concen: 96.606 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

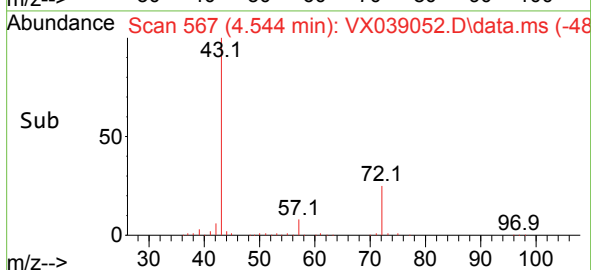
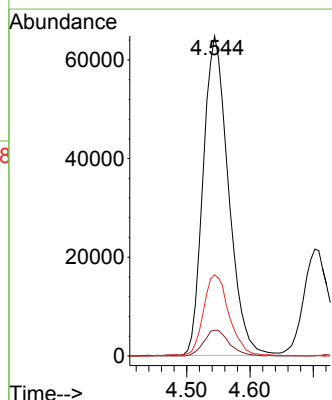
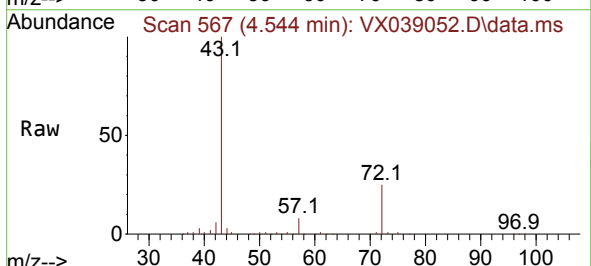
Tgt Ion: 43 Resp: 180237

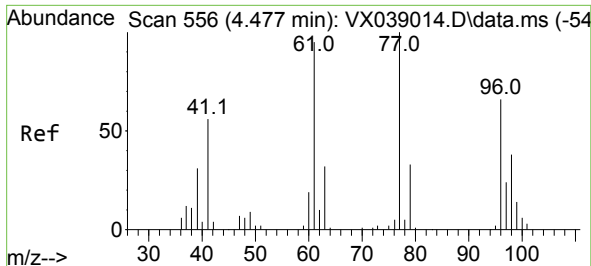
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 25.8 20.6 31.0

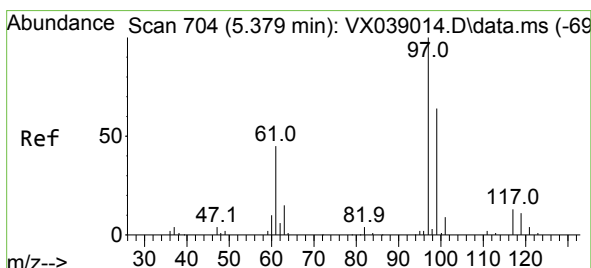
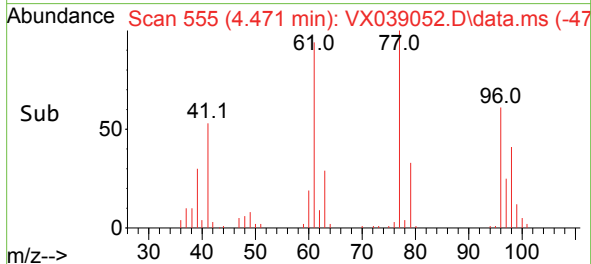
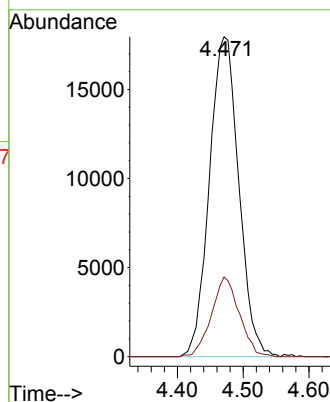
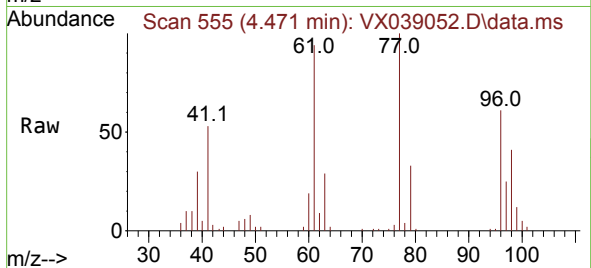




#31
2,2-Dichloropropane
Concen: 19.702 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

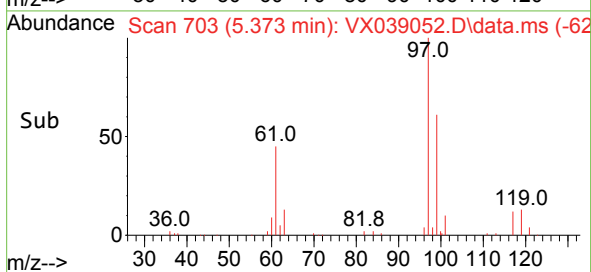
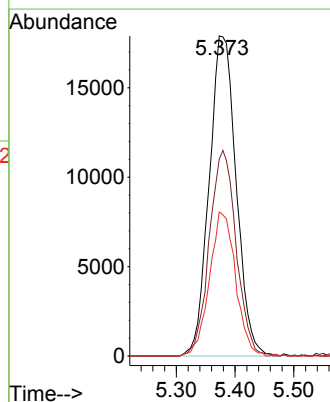
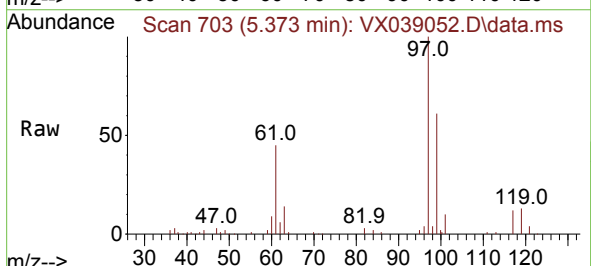
Instrument :
MSVOA_X
ClientSampleId :

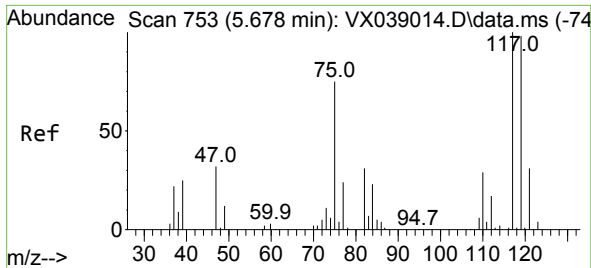
Tgt Ion: 77 Resp: 55821
Ion Ratio Lower Upper
77 100
97 23.5 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 19.956 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 97 Resp: 57157
Ion Ratio Lower Upper
97 100
99 63.7 52.6 79.0
61 43.5 36.9 55.3

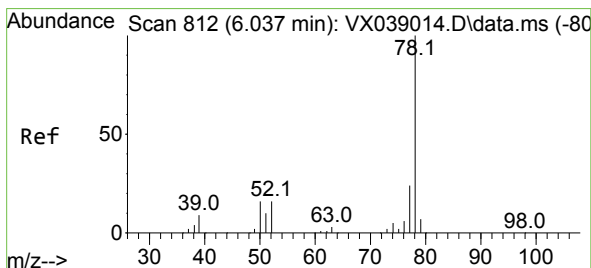
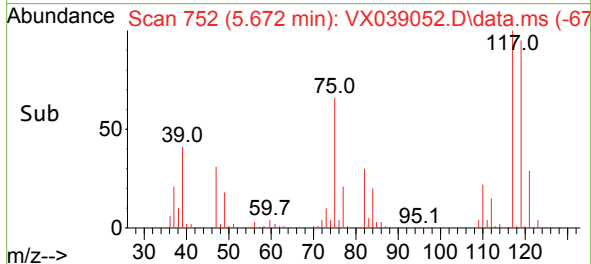
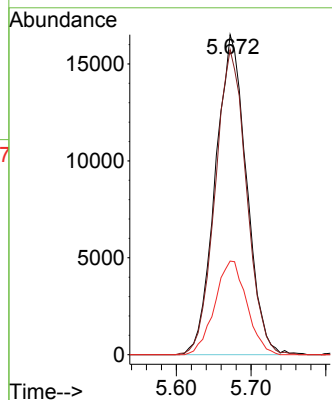
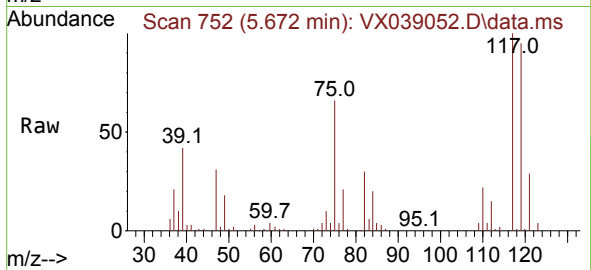




#33
Carbon Tetrachloride
Concen: 19.746 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

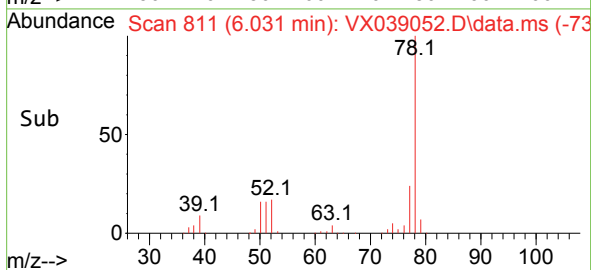
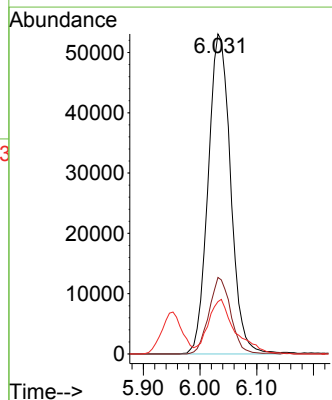
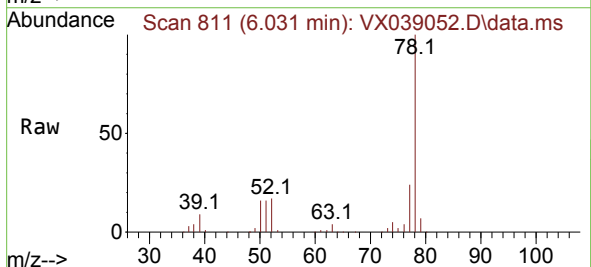
Instrument :
MSVOA_X
ClientSampleId :

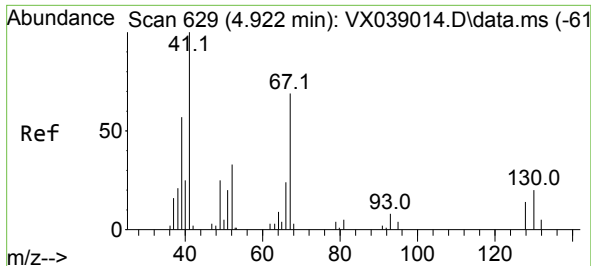
Tgt Ion:117 Resp: 47638
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4
121 29.3 24.7 37.1



#34
Benzene
Concen: 20.218 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

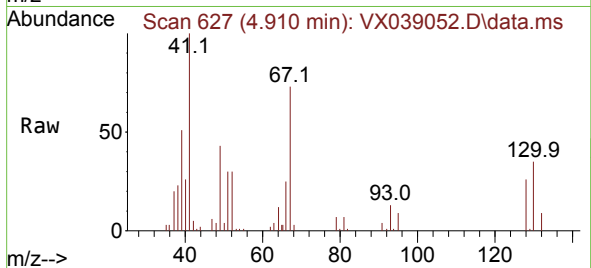
Tgt Ion: 78 Resp: 145947
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9
51 16.0 14.4 21.6



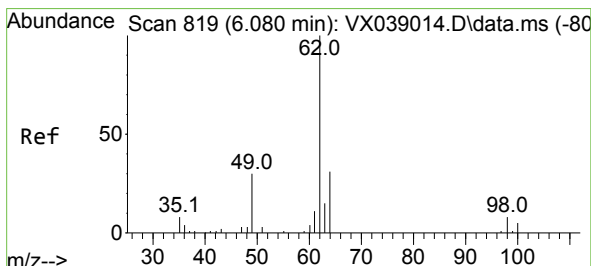
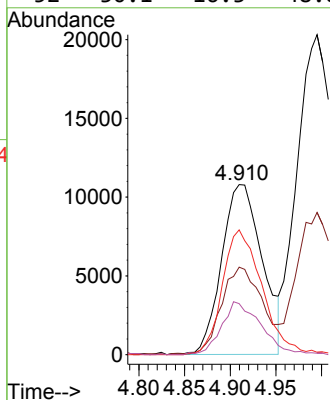
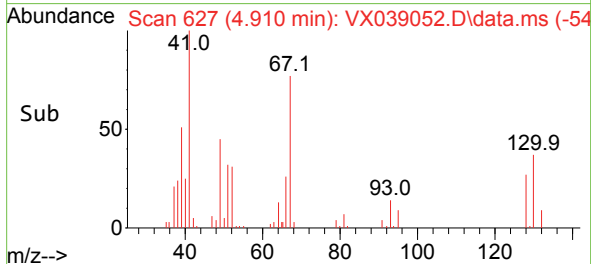


#35
Methacrylonitrile
Concen: 20.190 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

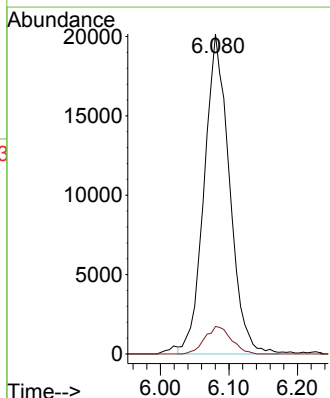
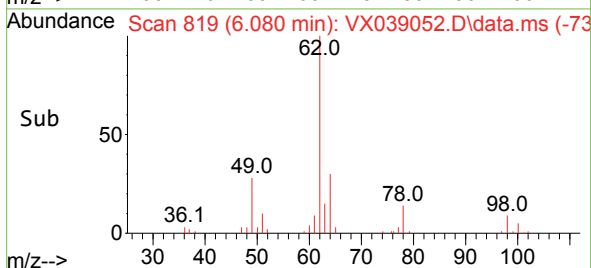
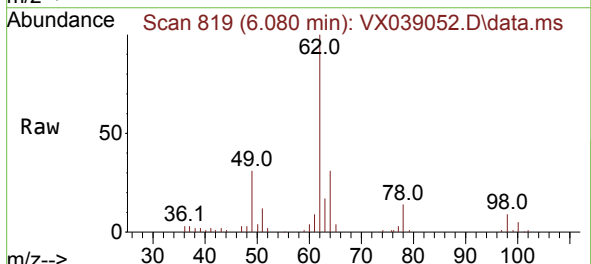


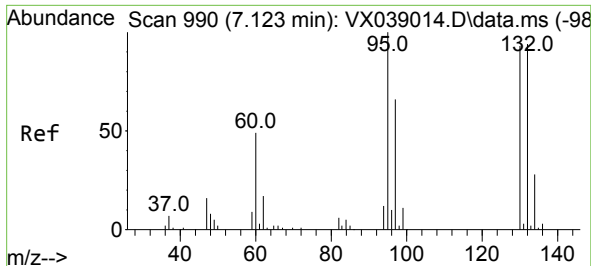
Tgt Ion: 41 Resp: 33366
Ion Ratio Lower Upper
41 100
39 50.9 28.2 84.7
67 73.7 34.5 103.5
52 30.1 16.3 48.8



#36
1,2-Dichloroethane
Concen: 19.480 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 62 Resp: 51596
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.4





#37

Trichloroethene

Concen: 19.874 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

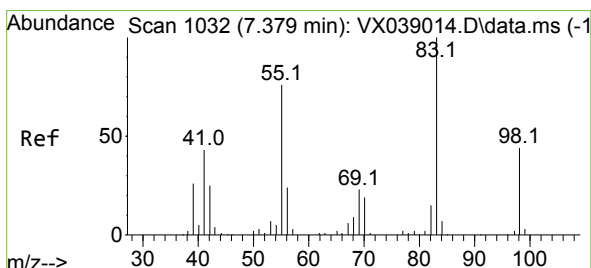
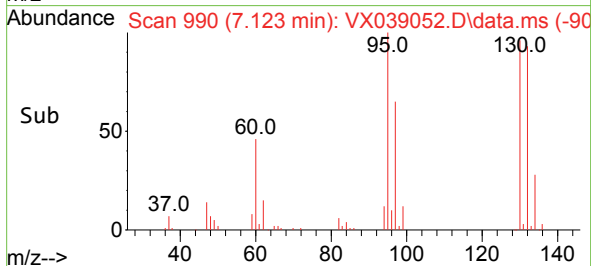
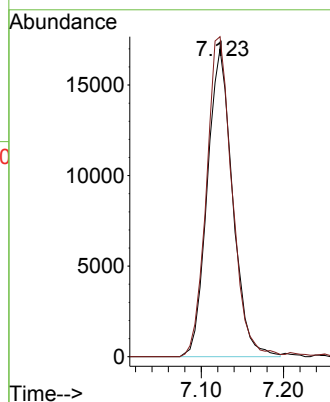
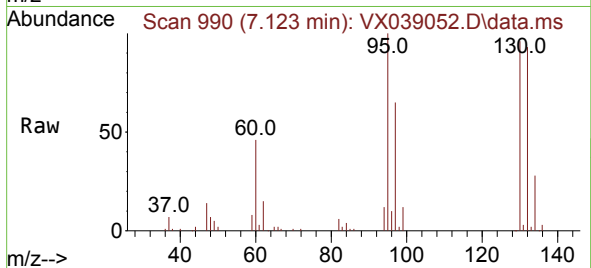
ClientSampleId :

Tgt Ion:130 Resp: 36412

Ion Ratio Lower Upper

130 100

95 104.0 85.8 128.8



#38

Methylcyclohexane

Concen: 19.914 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

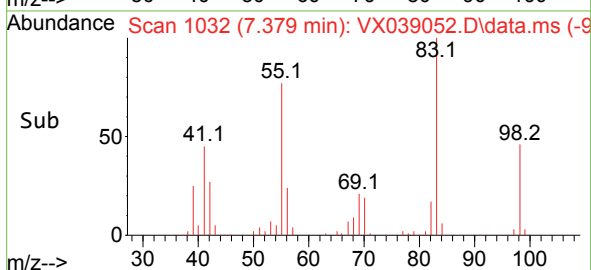
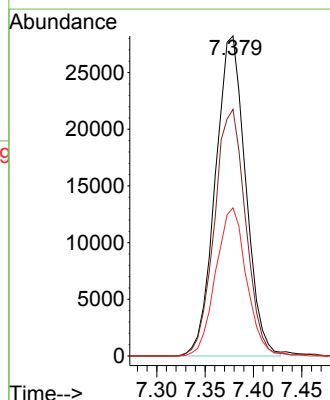
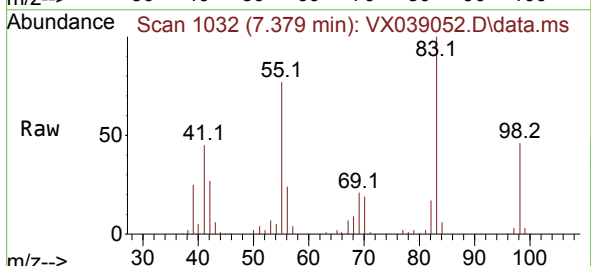
Tgt Ion: 83 Resp: 61487

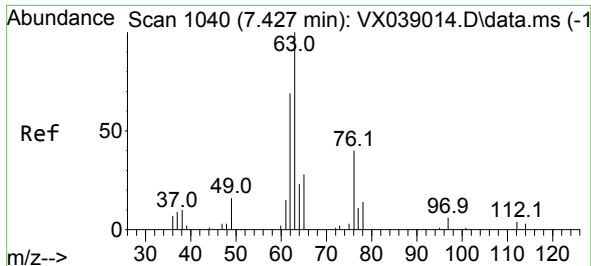
Ion Ratio Lower Upper

83 100

55 79.3 38.6 116.0

98 46.6 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.099 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

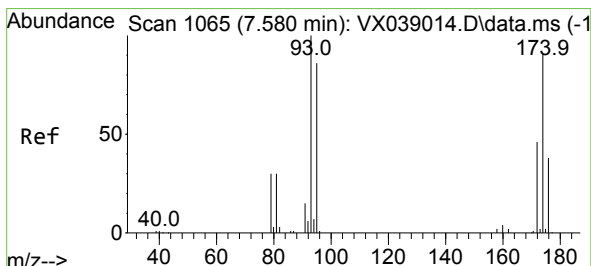
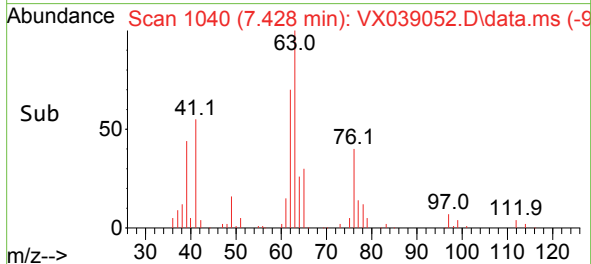
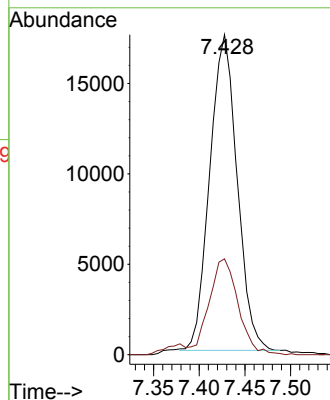
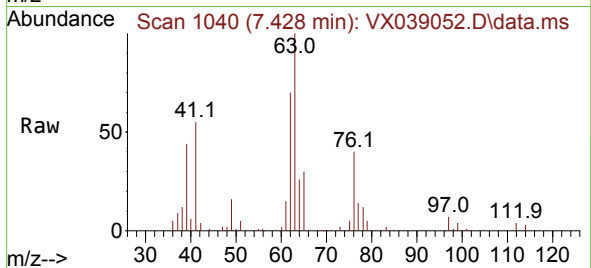
ClientSampleId :

Tgt Ion: 63 Resp: 36361

Ion Ratio Lower Upper

63 100

65 30.0 24.6 37.0



#40

Dibromomethane

Concen: 19.546 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

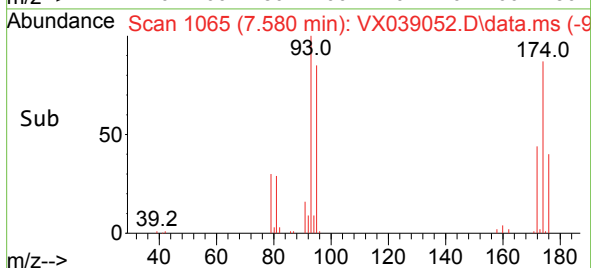
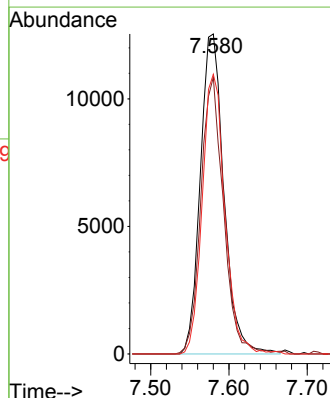
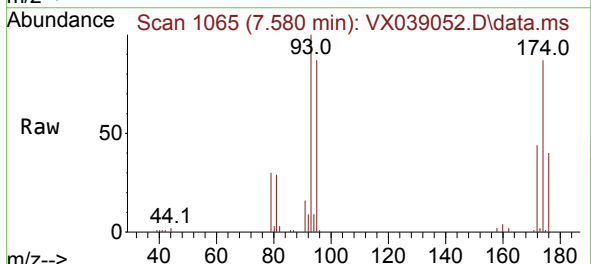
Tgt Ion: 93 Resp: 26292

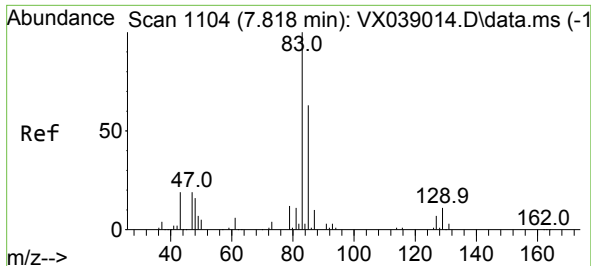
Ion Ratio Lower Upper

93 100

95 82.5 0.0 163.4

174 83.7 0.0 166.4

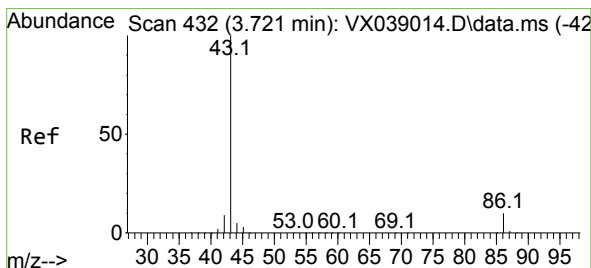
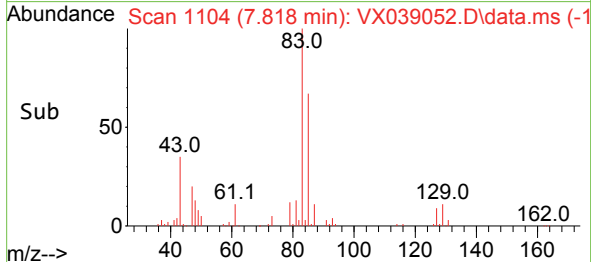
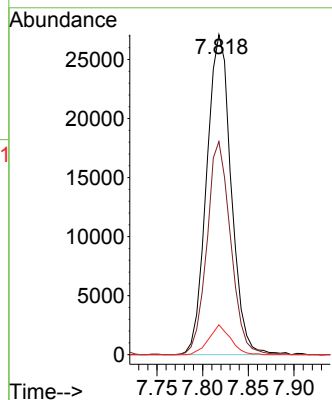
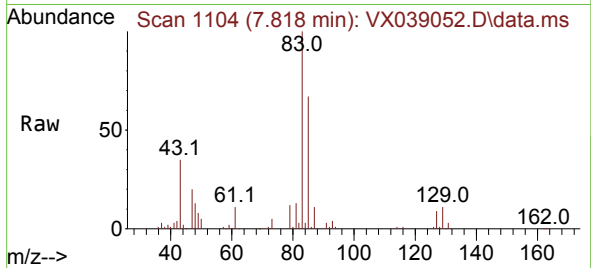




#41
Bromodichloromethane
Concen: 19.570 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

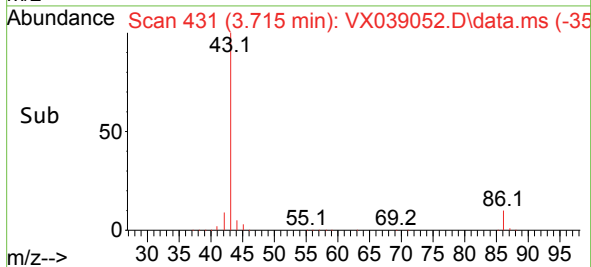
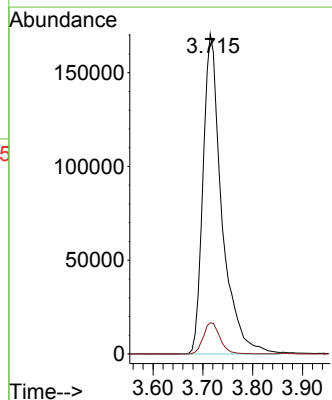
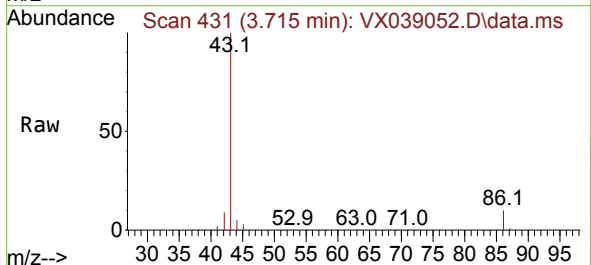
Instrument :
MSVOA_X
ClientSampleId :

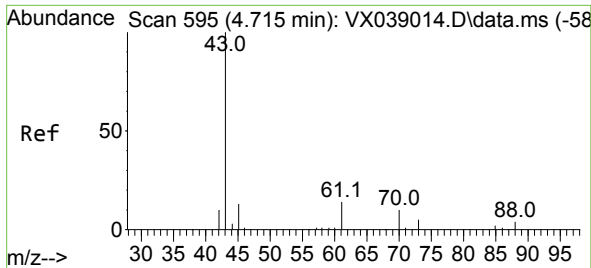
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.8	76.2
127	9.4	5.9	8.9



#42
Vinyl Acetate
Concen: 100.576 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.7	6.7	10.1

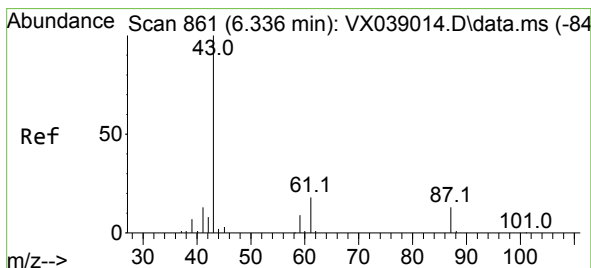
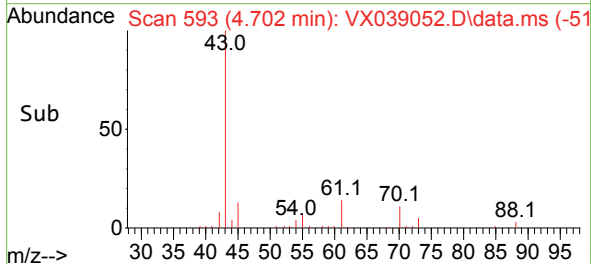
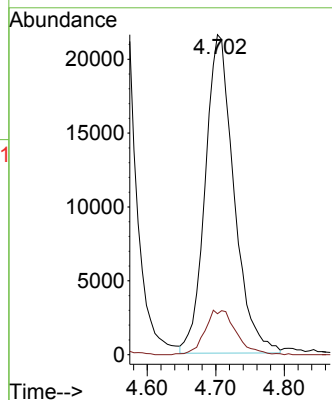
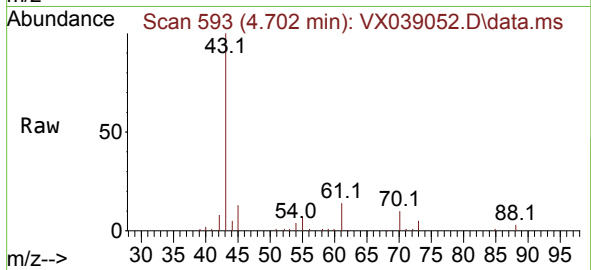




#43
Ethyl Acetate
Concen: 19.589 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

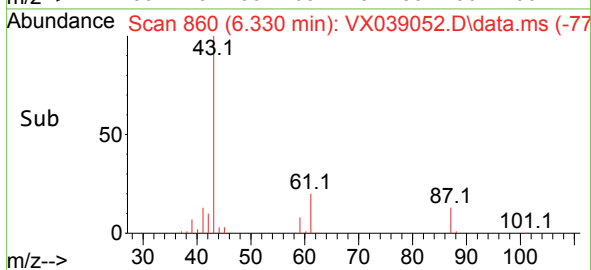
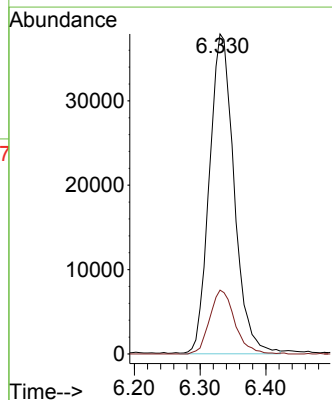
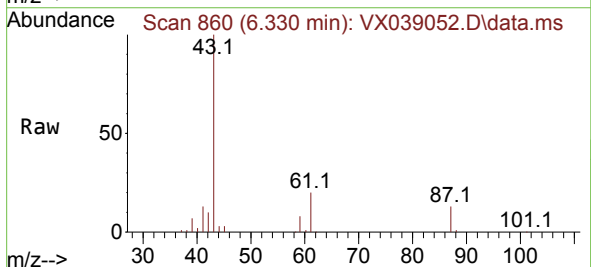
Instrument :
MSVOA_X
ClientSampleId :

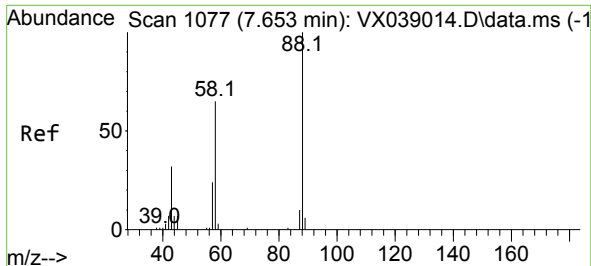
Tgt Ion: 43 Resp: 62878
Ion Ratio Lower Upper
43 100
45 6.6 11.8 17.8#



#44
Isopropyl Acetate
Concen: 19.644 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 43 Resp: 99396
Ion Ratio Lower Upper
43 100
61 20.1 15.6 23.4

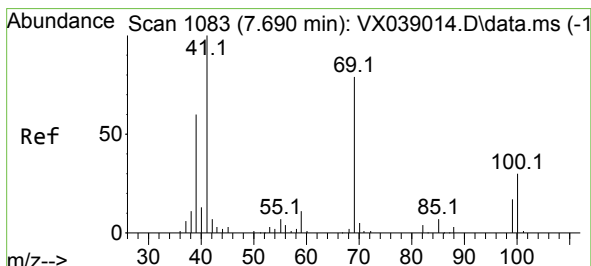
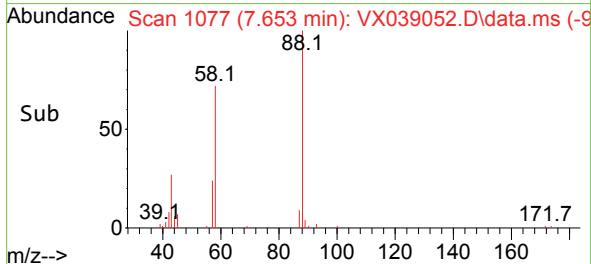
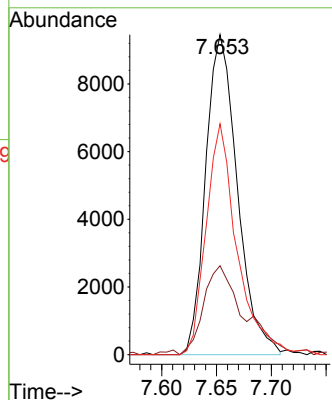
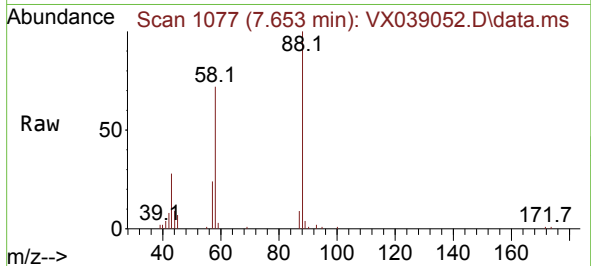




#45
1,4-Dioxane
Concen: 366.899 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

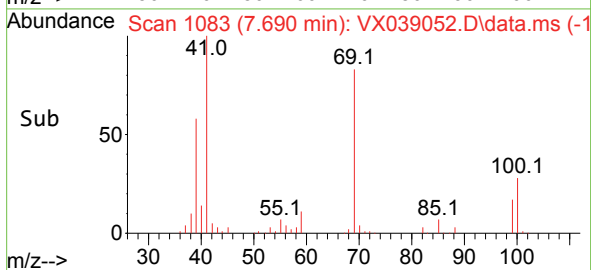
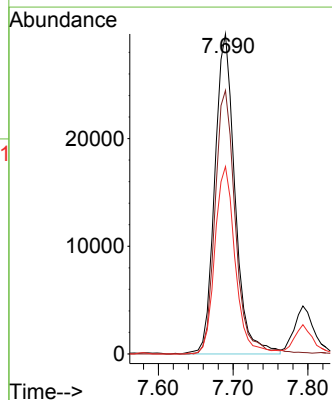
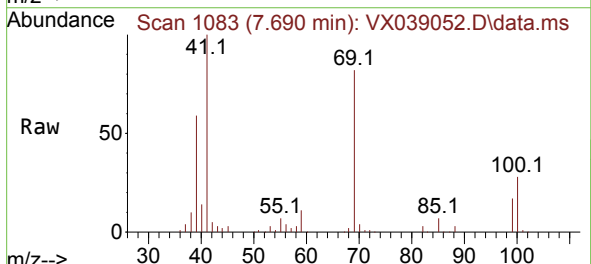
Instrument :
MSVOA_X
ClientSampleId :

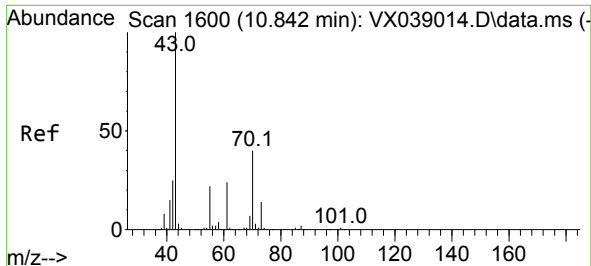
Tgt Ion: 88 Resp: 18952
Ion Ratio Lower Upper
88 100
43 28.5 28.1 42.1
58 70.2 57.7 86.5



#46
Methyl methacrylate
Concen: 19.344 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

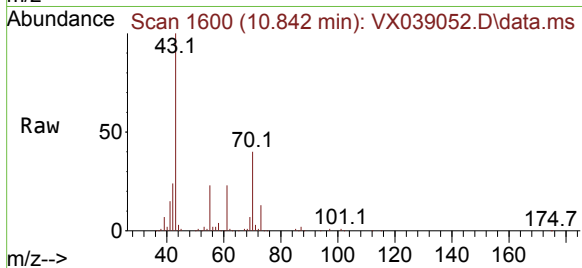
Tgt Ion: 41 Resp: 55963
Ion Ratio Lower Upper
41 100
69 82.4 39.6 118.8
39 58.6 30.1 90.3



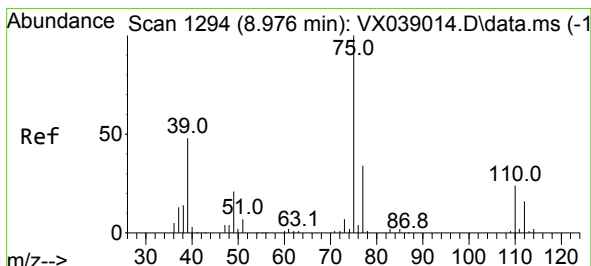
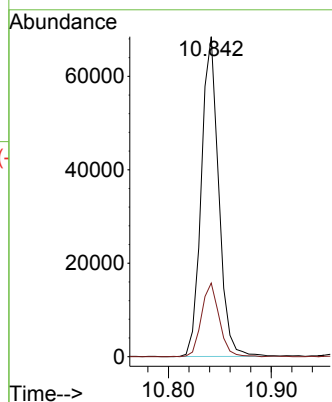
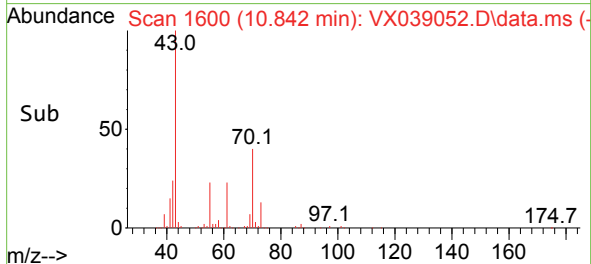


#47
n-amyl acetate
Concen: 18.829 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

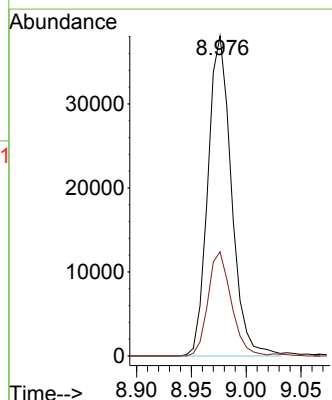
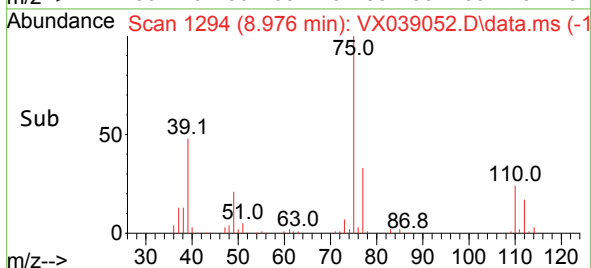
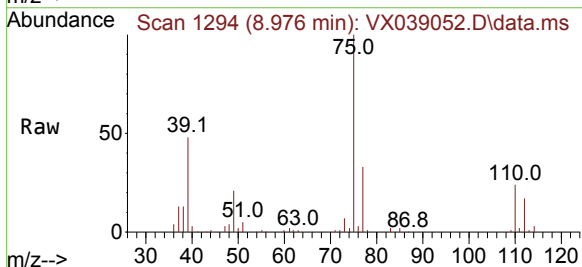


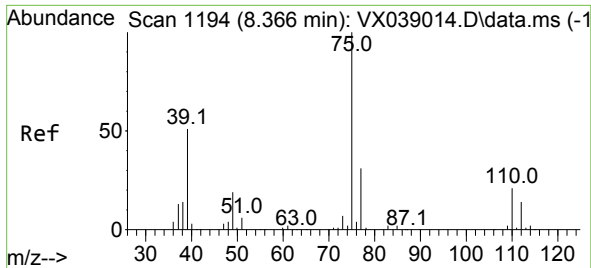
Tgt Ion: 43 Resp: 80640
Ion Ratio Lower Upper
43 100
55 23.5 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 18.992 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 75 Resp: 56906
Ion Ratio Lower Upper
75 100
77 32.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.750 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

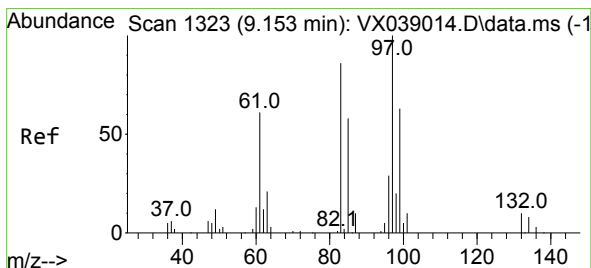
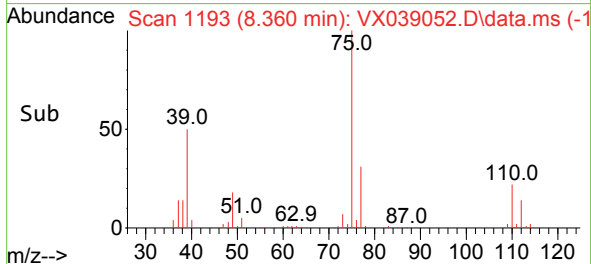
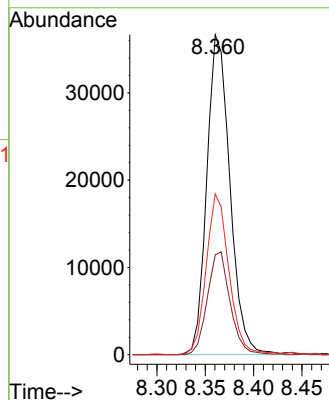
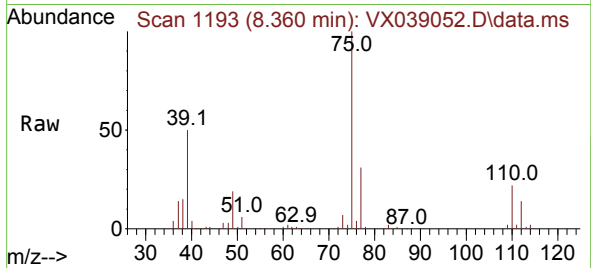
Tgt Ion: 75 Resp: 61049

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6

39 50.1 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 20.364 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Tgt Ion: 97 Resp: 37210

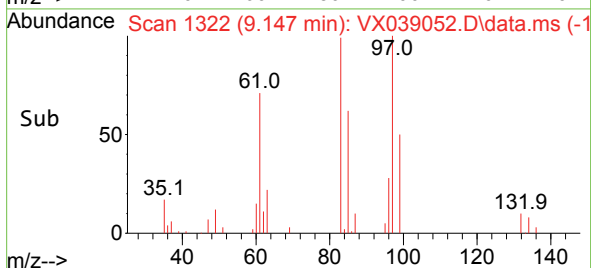
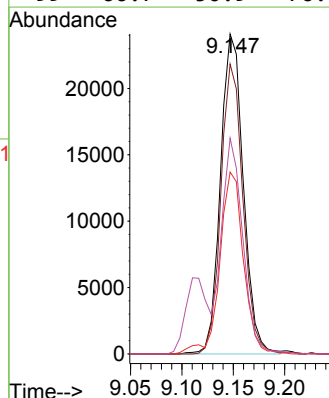
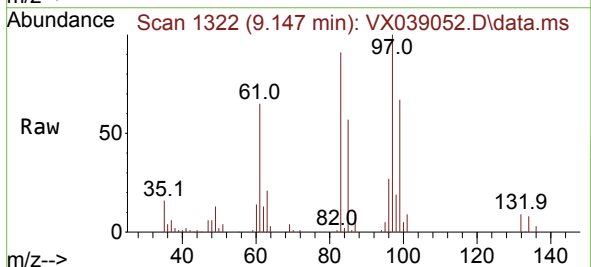
Ion Ratio Lower Upper

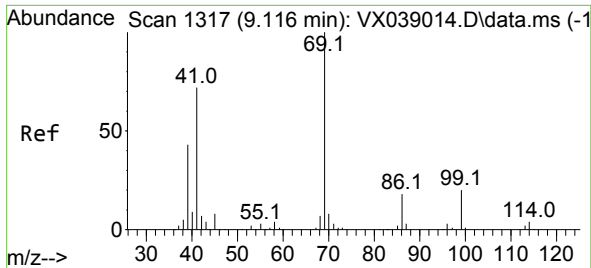
97 100

83 90.6 69.0 103.6

85 56.4 46.3 69.5

99 66.7 50.9 76.3

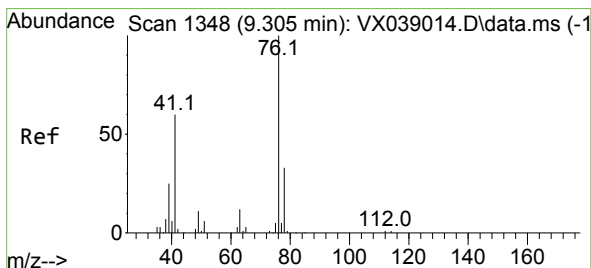
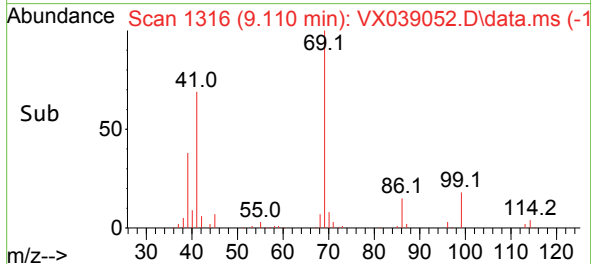
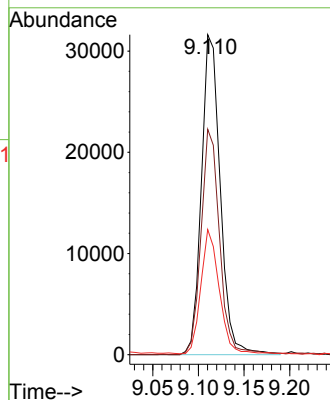
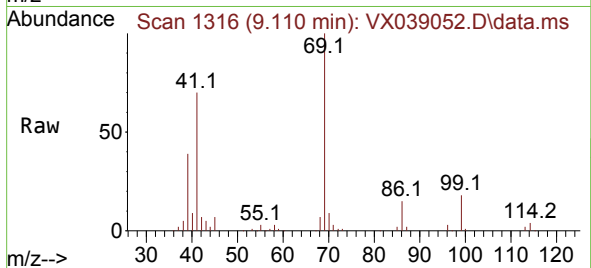




#51
Ethyl methacrylate
Concen: 19.901 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

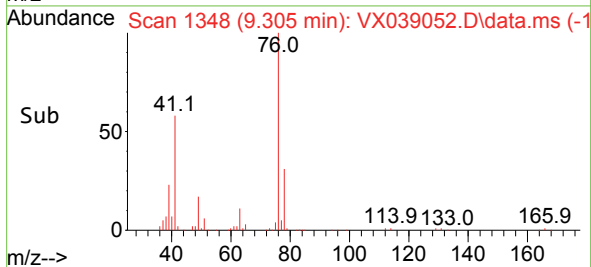
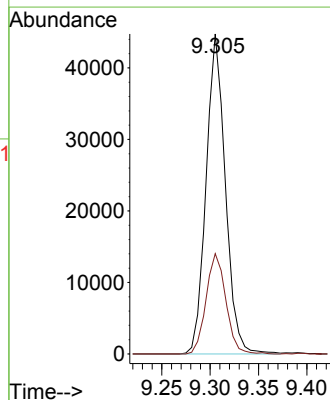
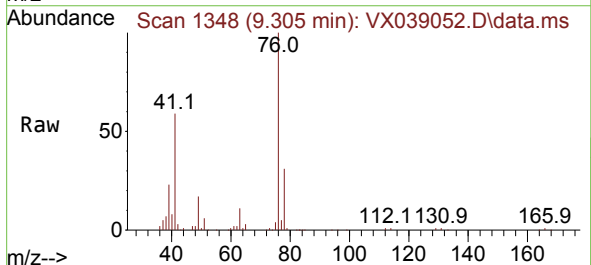
Instrument :
MSVOA_X
ClientSampleId :

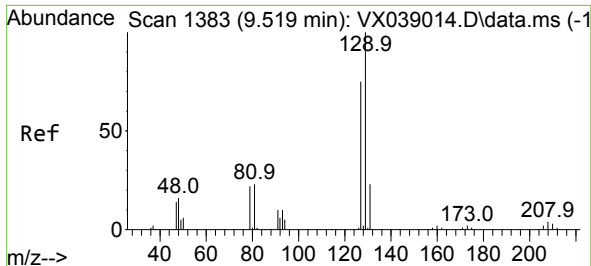
Tgt Ion: 69 Resp: 45520
Ion Ratio Lower Upper
69 100
41 70.5 36.2 108.6
39 38.8 21.1 63.4



#52
1,3-Dichloropropane
Concen: 19.831 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 76 Resp: 62135
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0

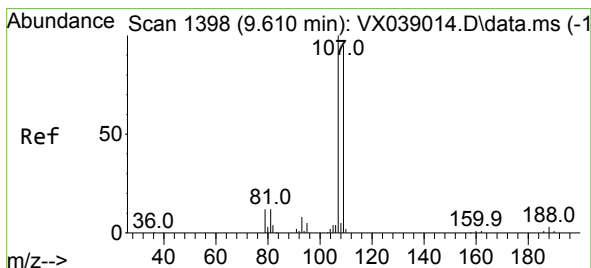
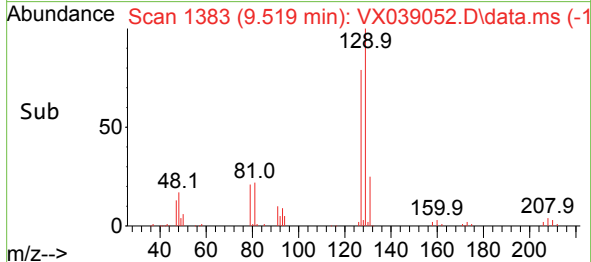
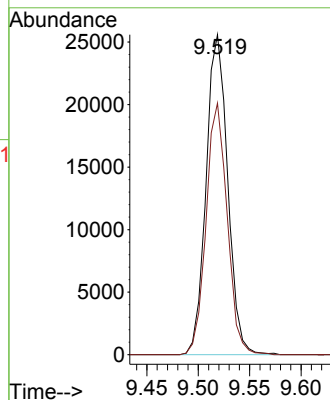
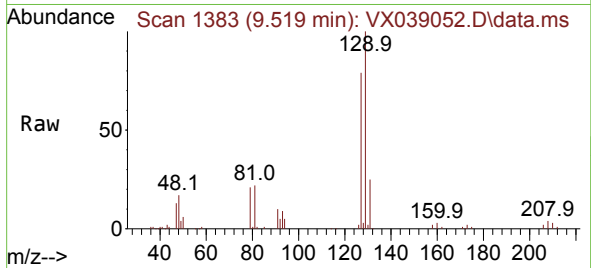




#53
Dibromochloromethane
Concen: 19.068 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

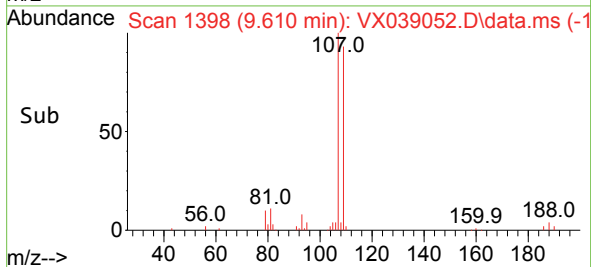
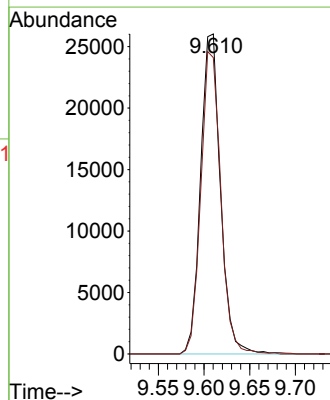
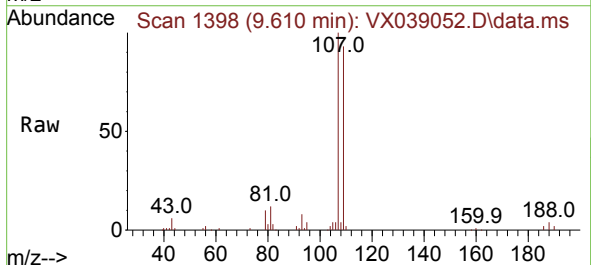
Instrument :
MSVOA_X
ClientSampleId :

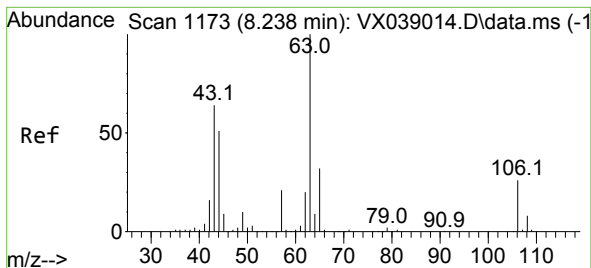
Tgt Ion:129 Resp: 37419
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9



#54
1,2-Dibromoethane
Concen: 19.609 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion:107 Resp: 39293
Ion Ratio Lower Upper
107 100
109 94.5 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 94.278 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

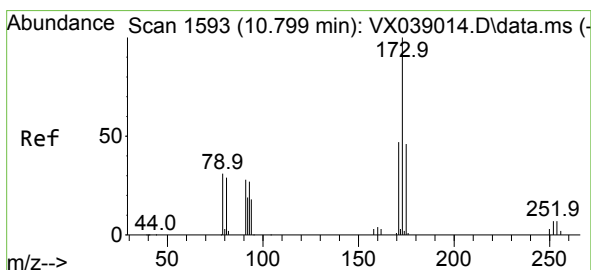
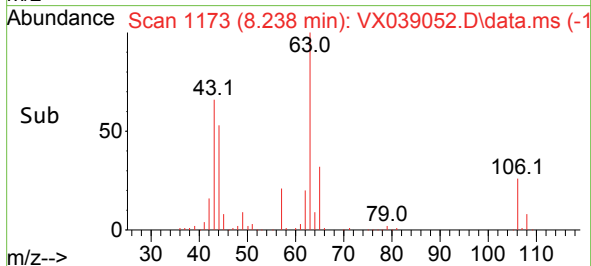
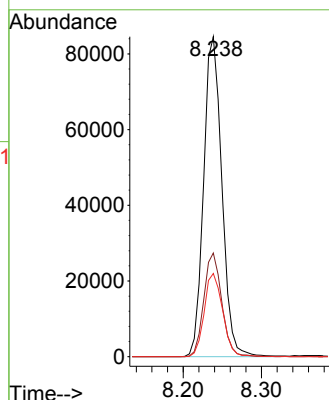
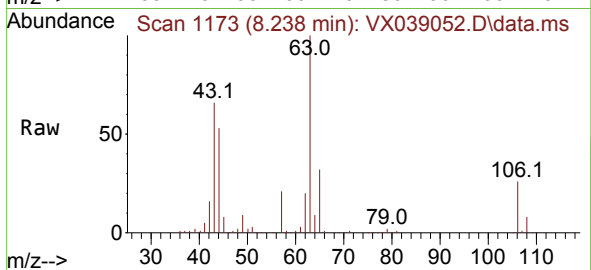
Tgt Ion: 63 Resp: 136684

Ion Ratio Lower Upper

63 100

65 31.8 25.8 38.6

106 26.3 20.6 31.0



#56

Bromoform

Concen: 18.605 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

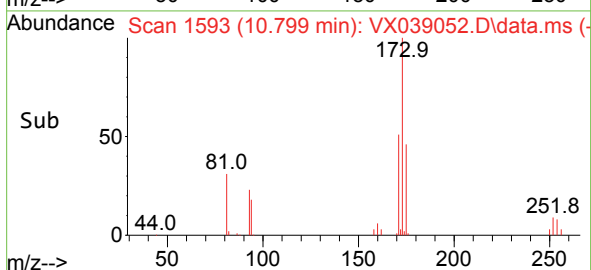
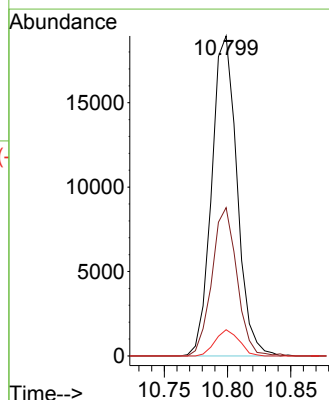
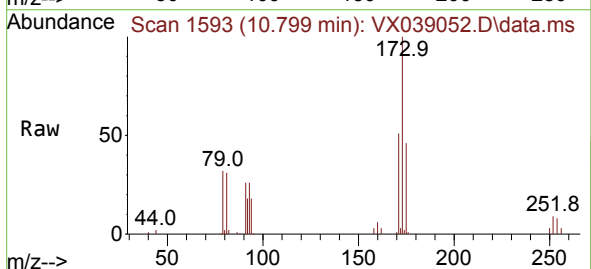
Tgt Ion:173 Resp: 26350

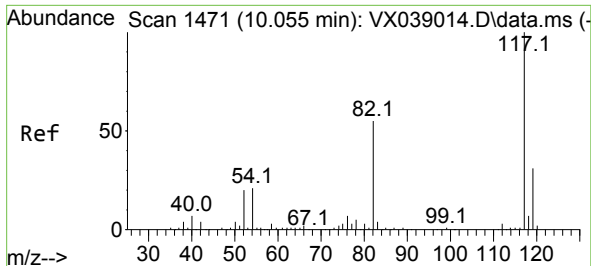
Ion Ratio Lower Upper

173 100

175 45.9 37.6 56.4

254 7.8 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

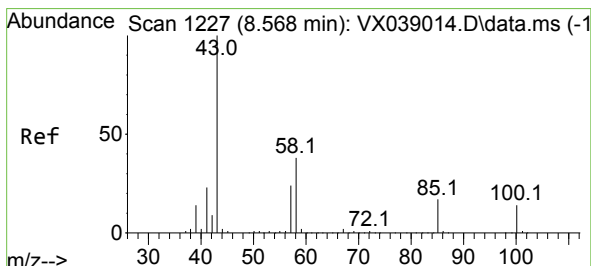
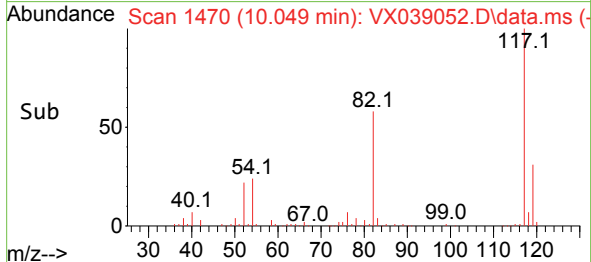
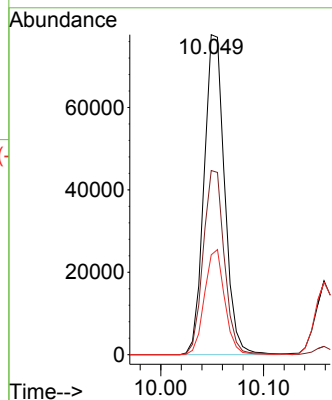
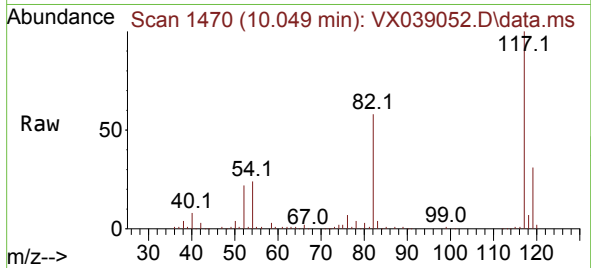
Tgt Ion:117 Resp: 108127

Ion Ratio Lower Upper

117 100

82 59.1 47.0 70.6

119 32.2 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 101.487 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

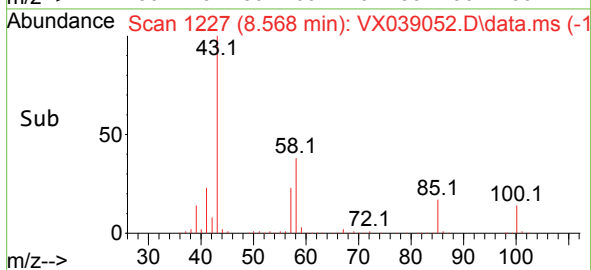
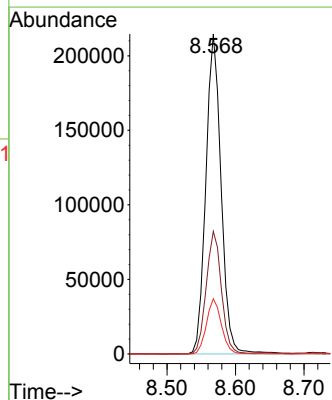
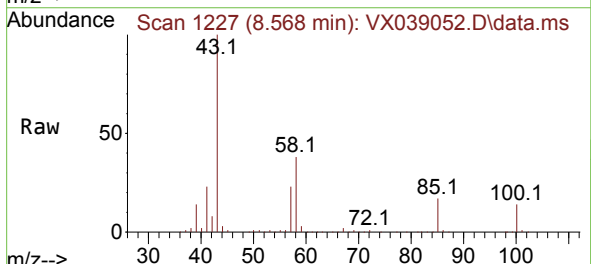
Tgt Ion: 43 Resp: 332769

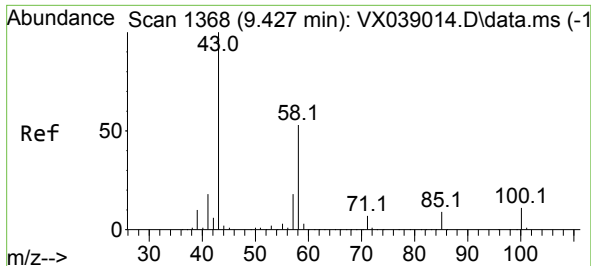
Ion Ratio Lower Upper

43 100

58 38.2 30.1 45.1

85 16.9 13.9 20.9

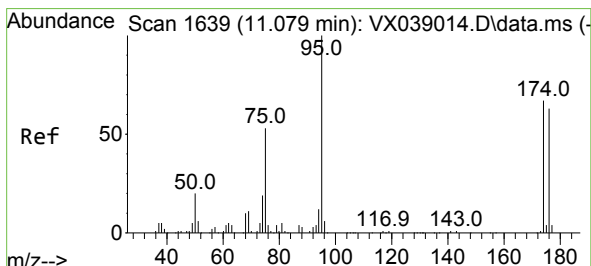
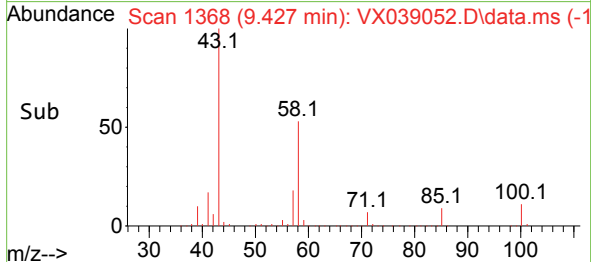
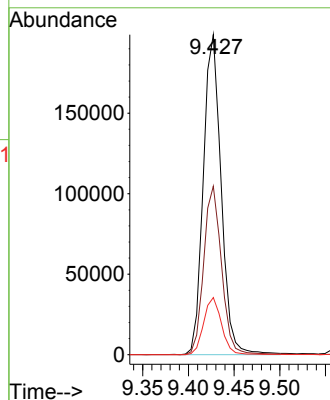
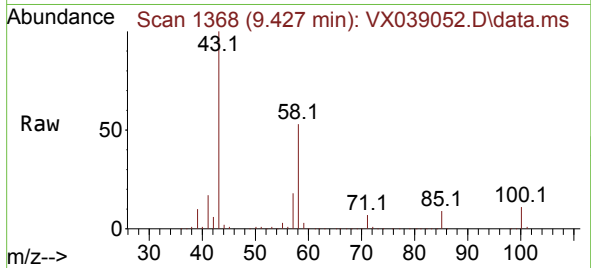




#59
2-Hexanone
Concen: 100.180 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

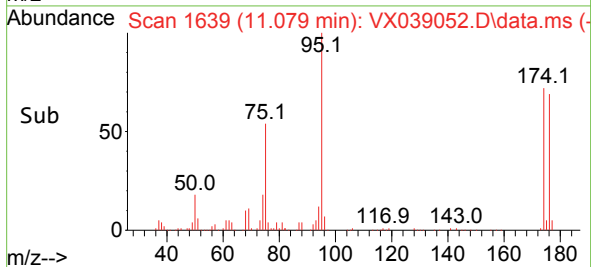
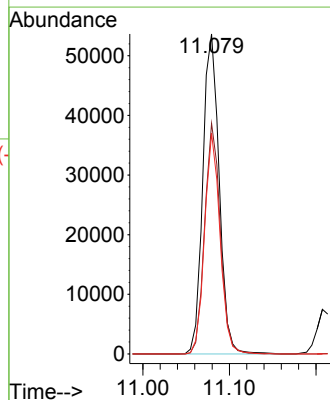
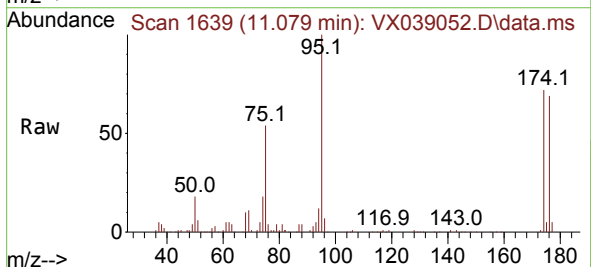
Instrument :
MSVOA_X
ClientSampleId :

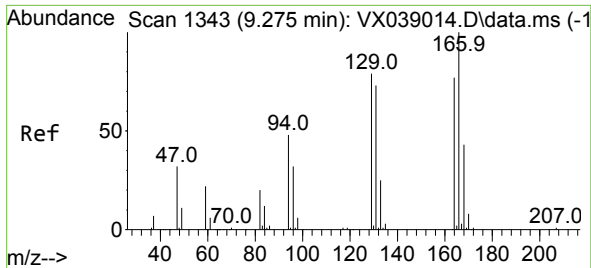
Tgt Ion: 43 Resp: 269632
Ion Ratio Lower Upper
43 100
58 52.6 42.7 64.1
57 17.9 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

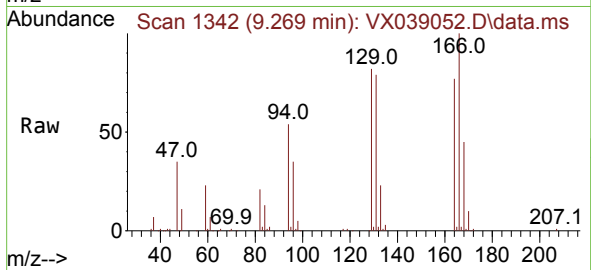
Tgt Ion: 95 Resp: 70431
Ion Ratio Lower Upper
95 100
174 69.2 55.4 83.2
176 65.1 52.6 78.8





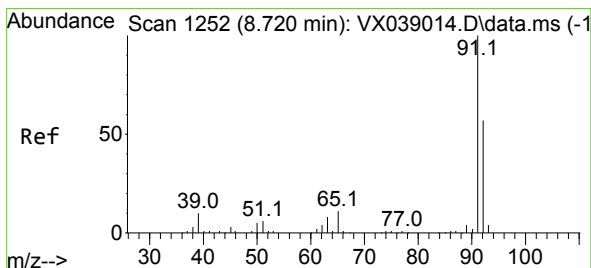
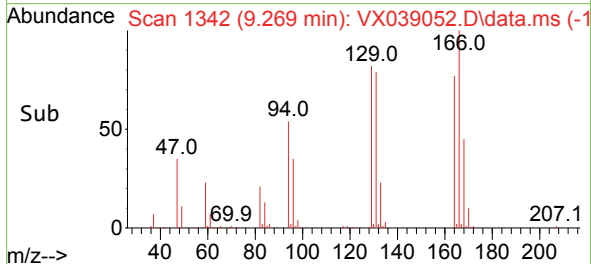
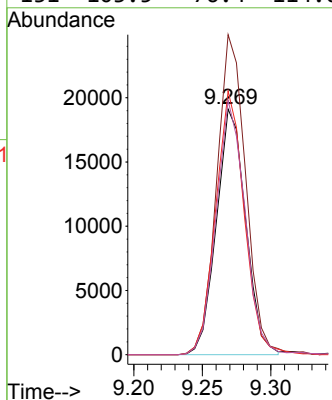
#61
 Tetrachloroethene
 Concen: 20.104 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039052.D
 Acq: 29 Nov 2023 10:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:164 Resp: 28263

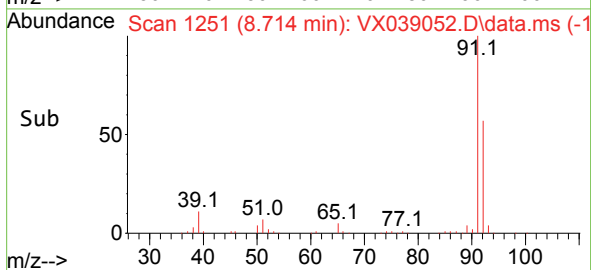
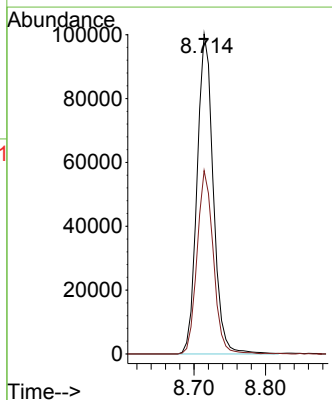
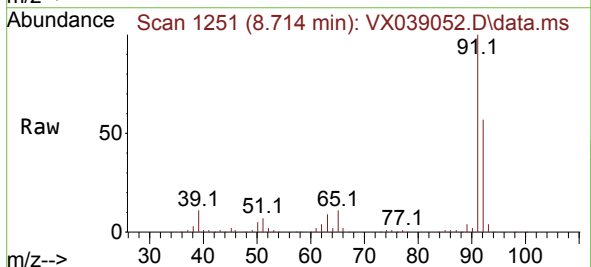
Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.0	156.0
129	107.4	82.0	123.0
131	103.5	76.4	114.6

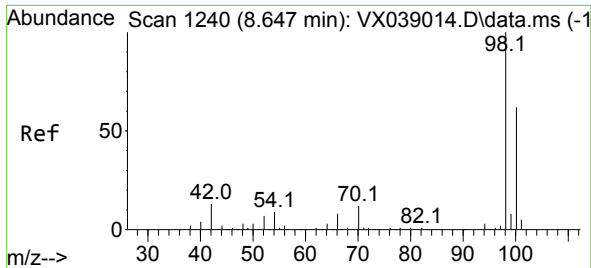


#62
 Toluene
 Concen: 20.526 ug/l
 RT: 8.714 min Scan# 1251
 Delta R.T. -0.006 min
 Lab File: VX039052.D
 Acq: 29 Nov 2023 10:53

Tgt Ion: 91 Resp: 157569

Ion	Ratio	Lower	Upper
91	100		
92	57.5	45.9	68.9

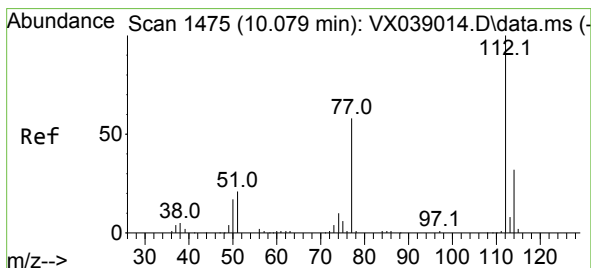
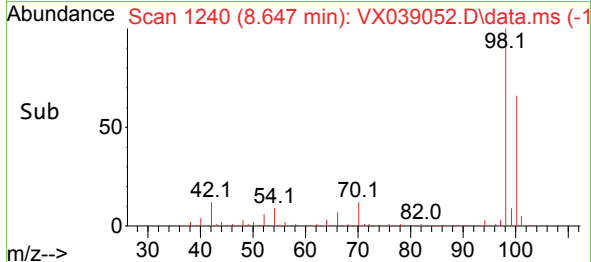
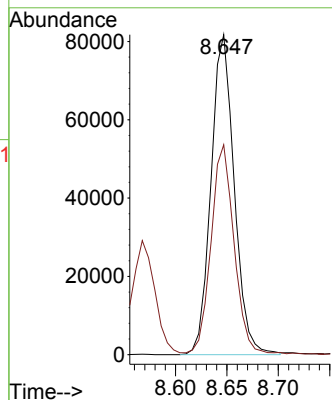
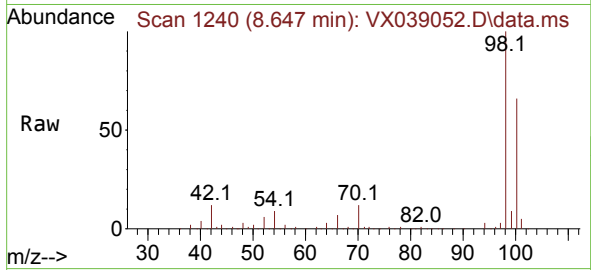




#63
Toluene-d8
Concen: 30.050 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

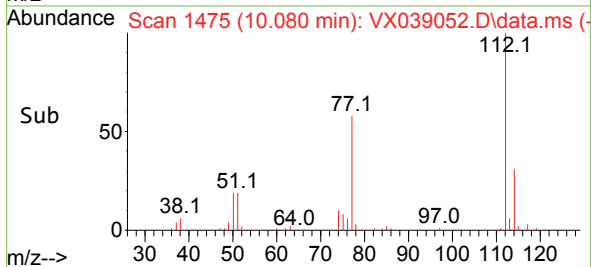
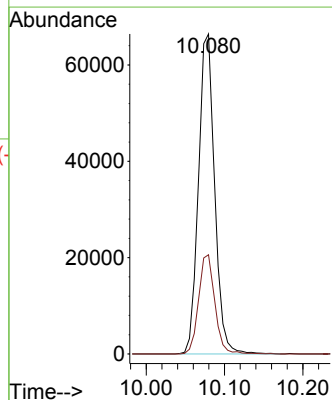
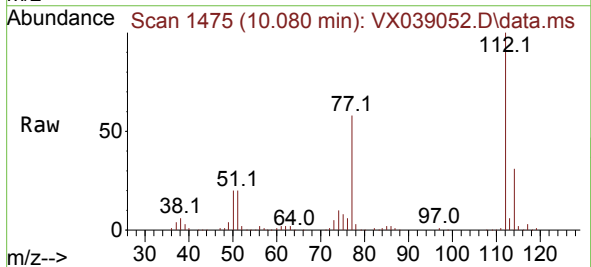
Instrument :
MSVOA_X
ClientSampleId :

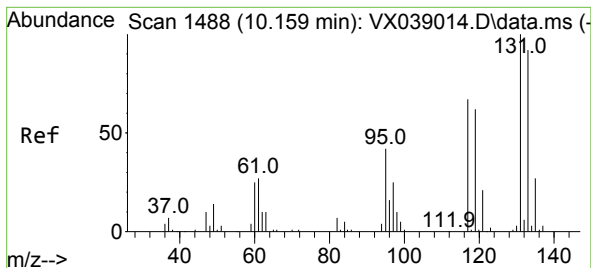
Tgt Ion: 98 Resp: 128463
Ion Ratio Lower Upper
98 100
100 65.2 51.0 76.4



#64
Chlorobenzene
Concen: 20.460 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 112 Resp: 95539
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9

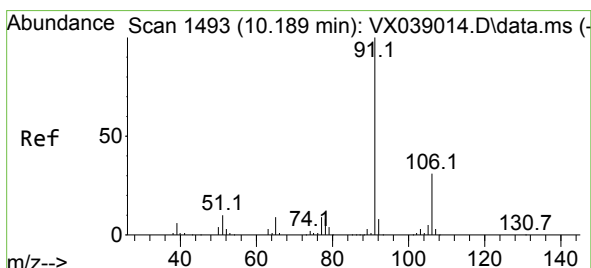
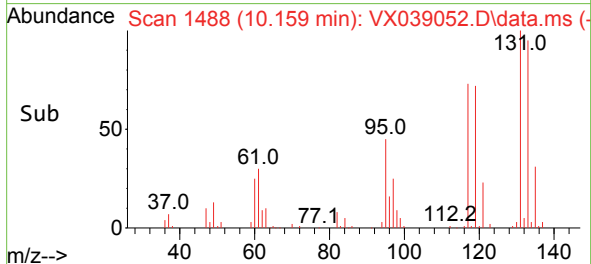
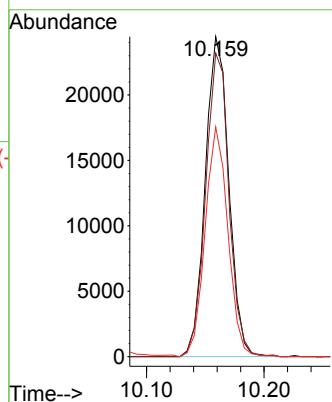
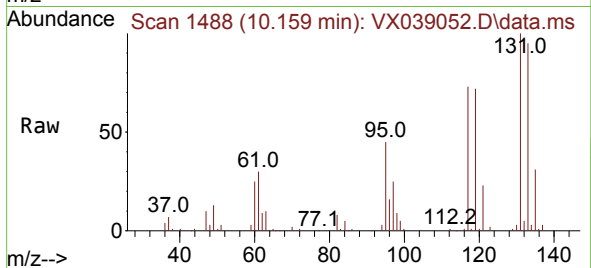




#65
1,1,1,2-Tetrachloroethane
Concen: 20.240 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

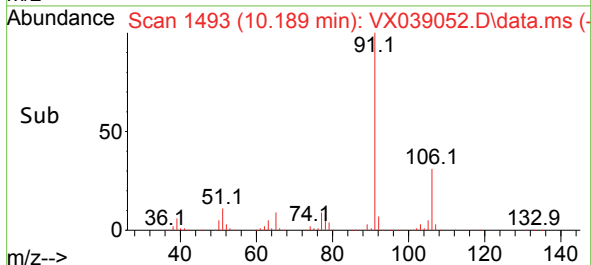
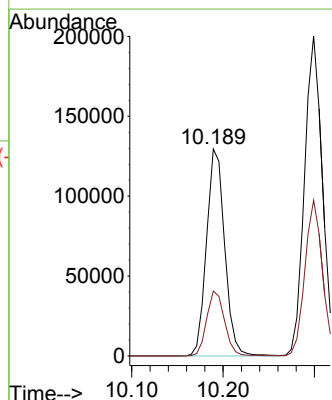
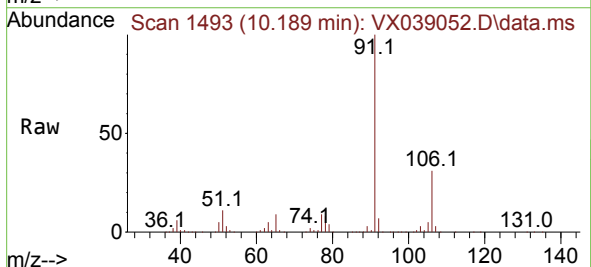
Instrument :
MSVOA_X
ClientSampleId :

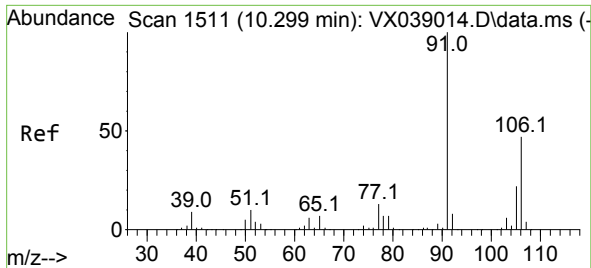
Tgt Ion:131 Resp: 34038
Ion Ratio Lower Upper
131 100
133 93.7 0.0 191.8
119 69.5 0.0 135.4



#66
Ethyl Benzene
Concen: 20.426 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 91 Resp: 178552
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

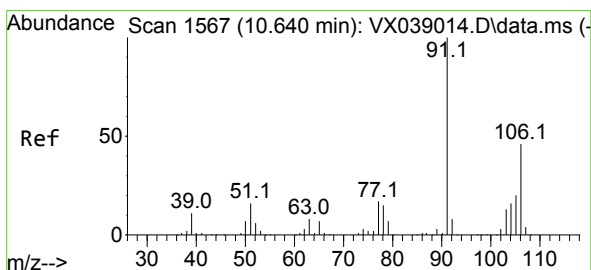
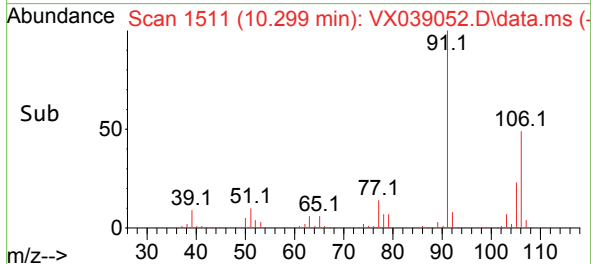
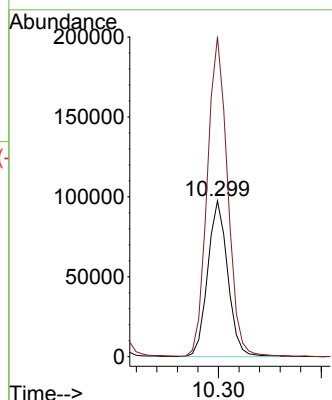
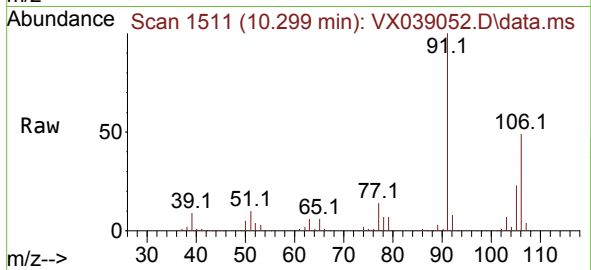




#67
m/p-Xylenes
Concen: 40.960 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

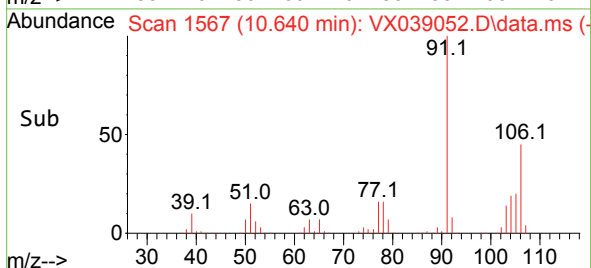
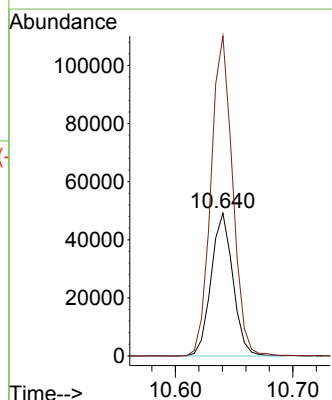
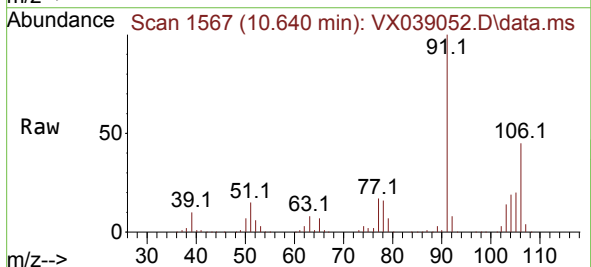
Instrument :
MSVOA_X
ClientSampleId :

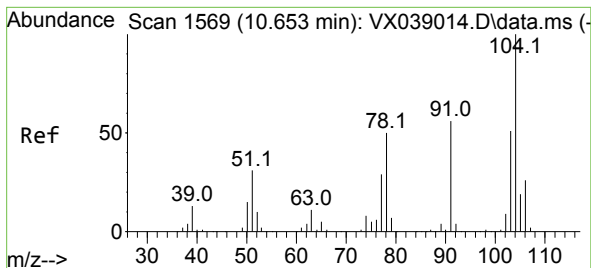
Tgt Ion:106 Resp: 132305
Ion Ratio Lower Upper
106 100
91 208.3 169.4 254.0



#68
o-Xylene
Concen: 20.195 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion:106 Resp: 63189
Ion Ratio Lower Upper
106 100
91 223.3 111.2 333.6





#69

Styrene

Concen: 19.908 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039052.D

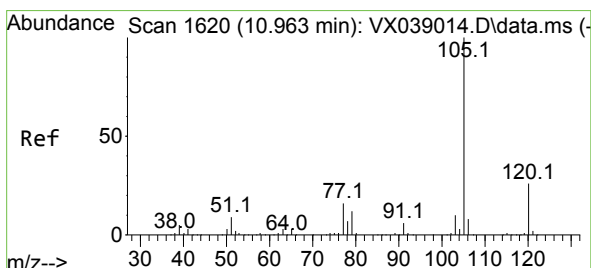
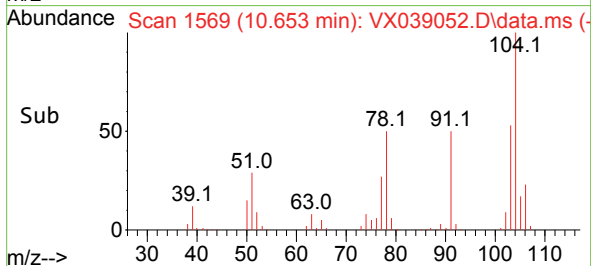
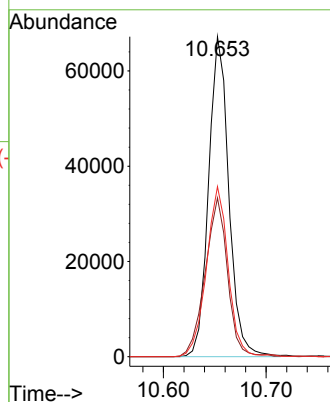
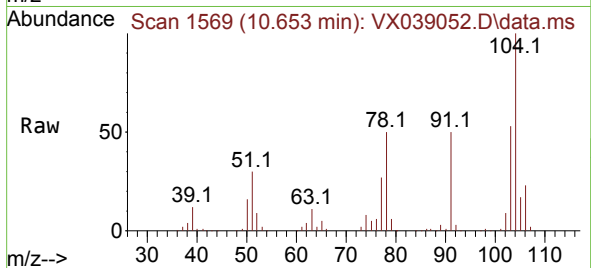
Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:104	Resp:	92186
Ion Ratio	Lower	Upper
104	100	
78	54.5	43.7 65.5
103	57.1	44.6 67.0



#70

Isopropylbenzene

Concen: 20.461 ug/l

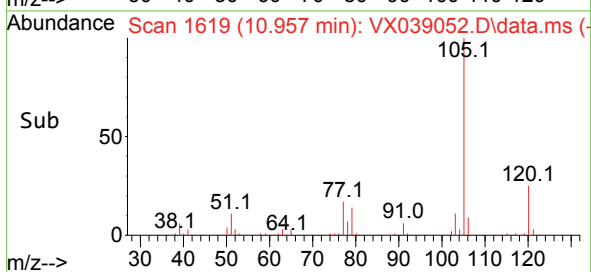
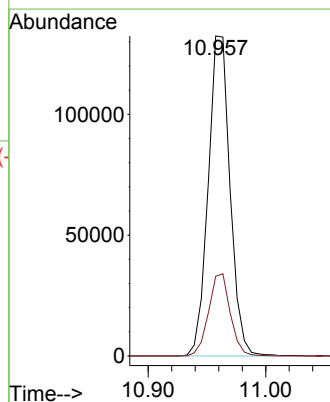
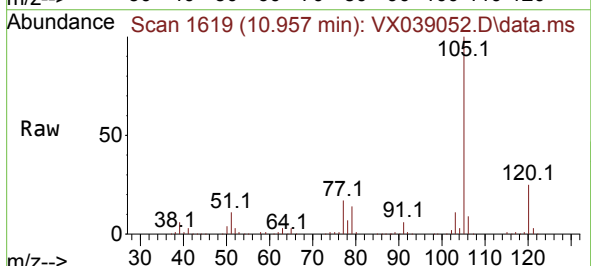
RT: 10.957 min Scan# 1619

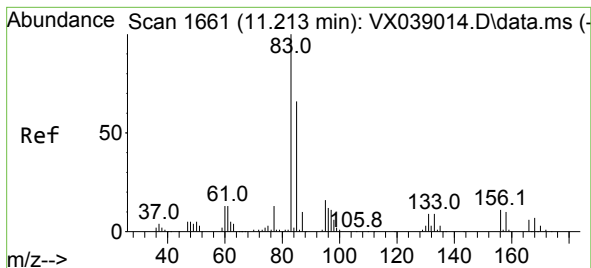
Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Tgt Ion:105	Resp:	171288
Ion Ratio	Lower	Upper
105	100	
120	25.5	18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 20.069 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

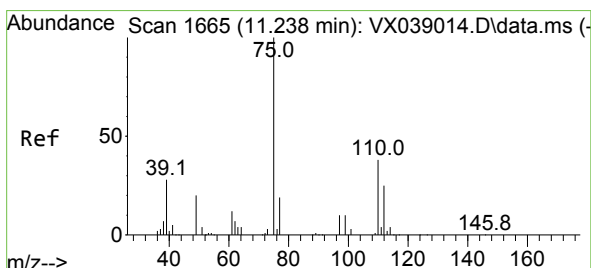
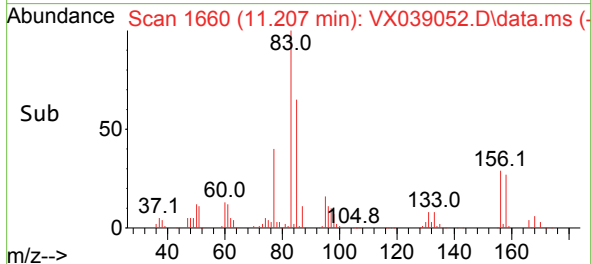
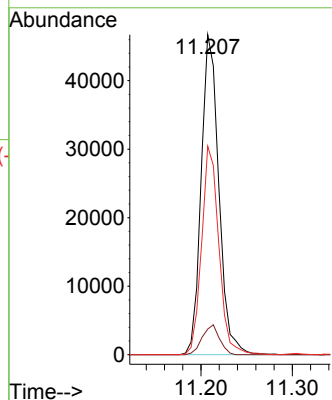
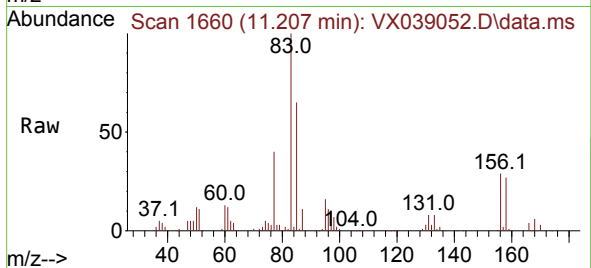
Tgt Ion: 83 Resp: 62718

Ion Ratio Lower Upper

83 100

131 9.1 4.6 13.8

85 63.7 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 27.496 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039052.D

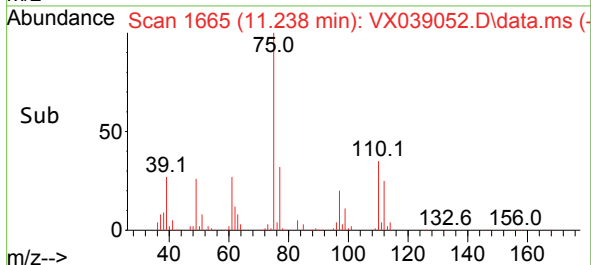
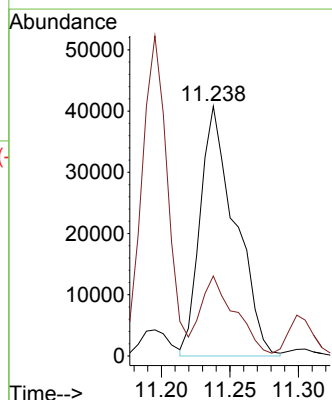
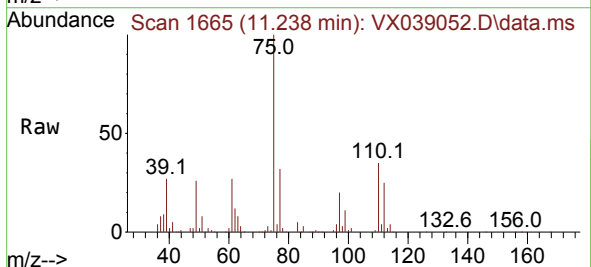
Acq: 29 Nov 2023 10:53

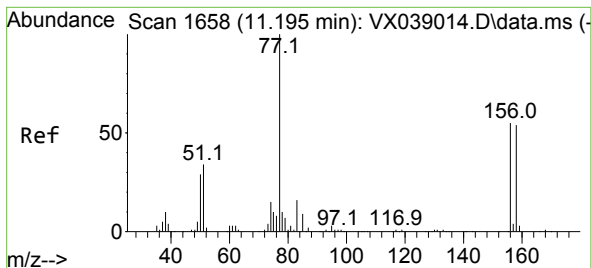
Tgt Ion: 75 Resp: 72712

Ion Ratio Lower Upper

75 100

77 31.5 0.0 76.4





#73

Bromobenzene

Concen: 19.420 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

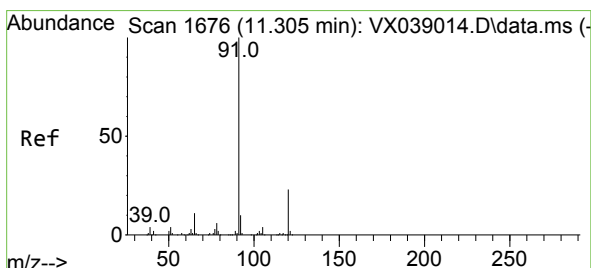
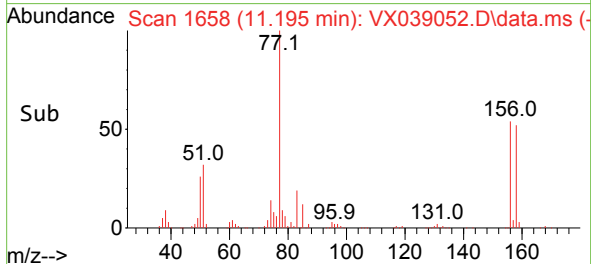
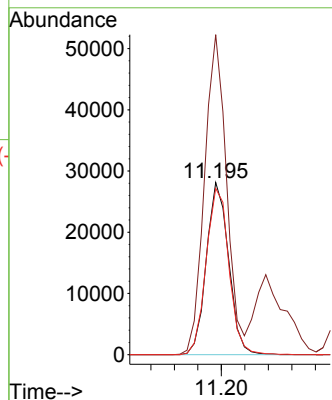
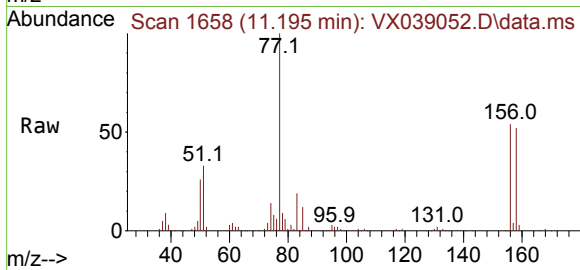
Tgt Ion:156 Resp: 37013

Ion Ratio Lower Upper

156 100

77 184.0 0.0 363.2

158 99.5 0.0 197.8



#74

n-propylbenzene

Concen: 20.457 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039052.D

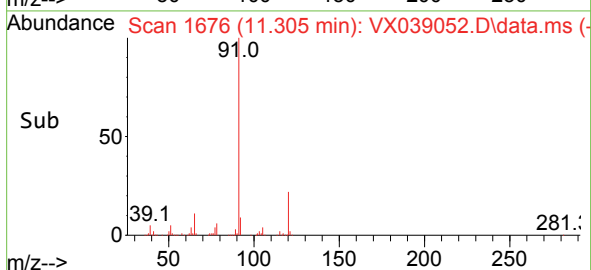
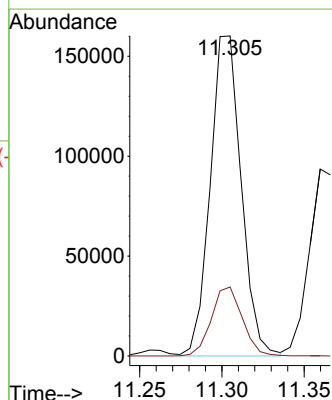
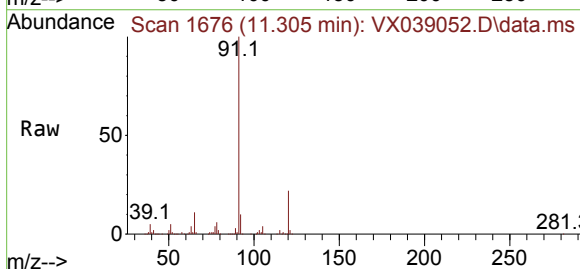
Acq: 29 Nov 2023 10:53

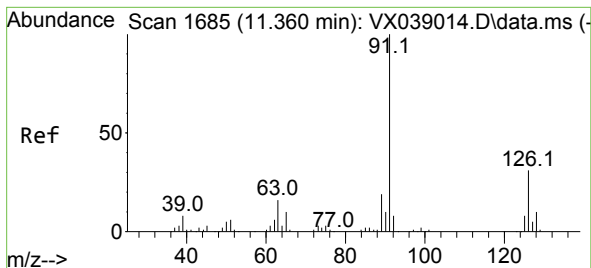
Tgt Ion: 91 Resp: 209818

Ion Ratio Lower Upper

91 100

120 21.5 0.0 43.4





#75

2-Chlorotoluene

Concen: 20.410 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

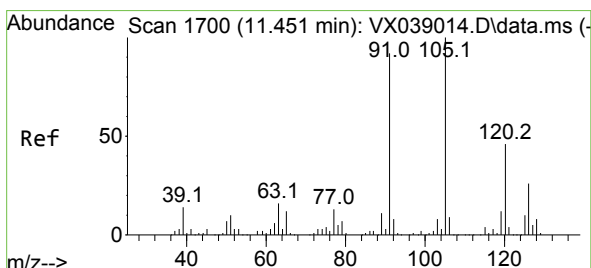
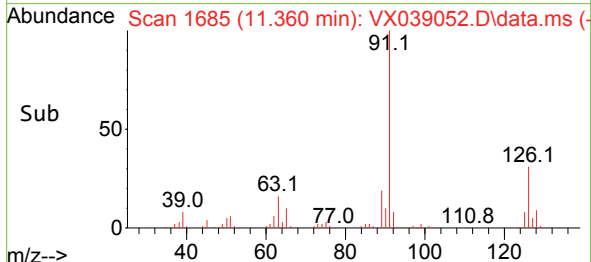
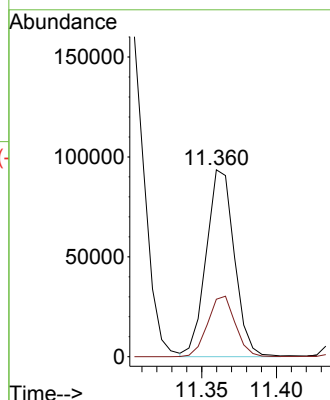
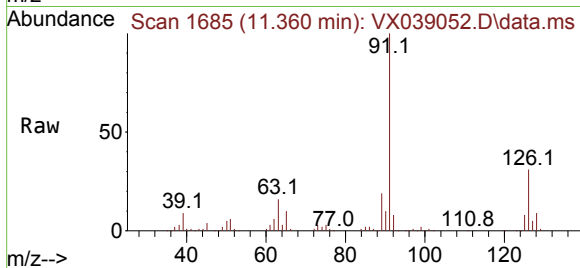
ClientSampleId :

Tgt Ion: 91 Resp: 122816

Ion Ratio Lower Upper

91 100

126 31.7 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 20.471 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039052.D

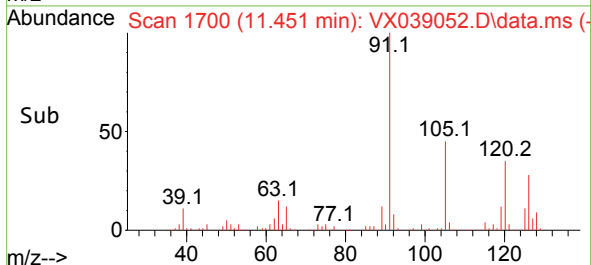
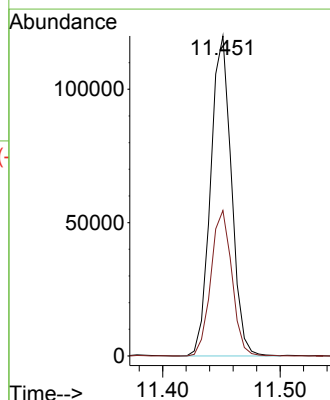
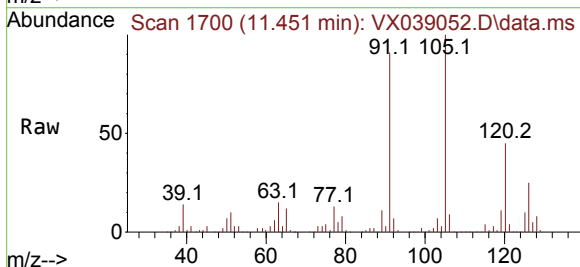
Acq: 29 Nov 2023 10:53

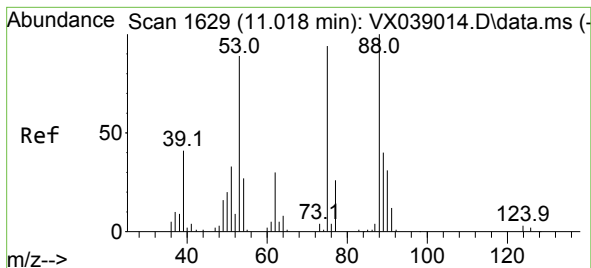
Tgt Ion: 105 Resp: 147638

Ion Ratio Lower Upper

105 100

120 45.9 0.0 92.6

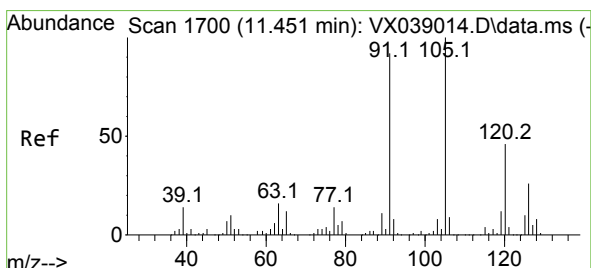
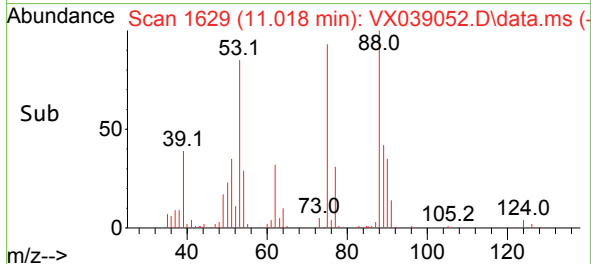
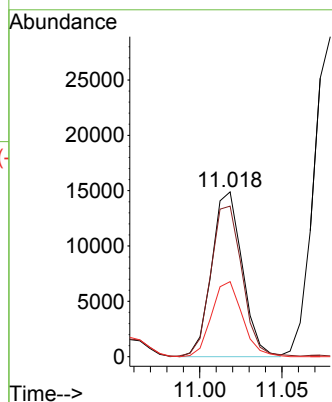
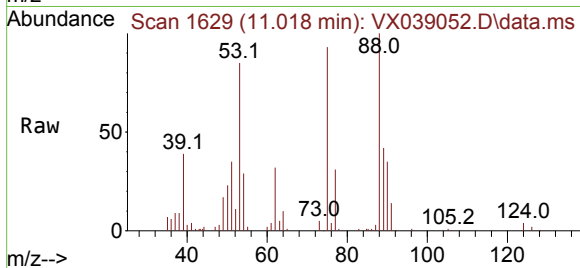




#77
t-1,4-Dichloro-2-butene
Concen: 18.475 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

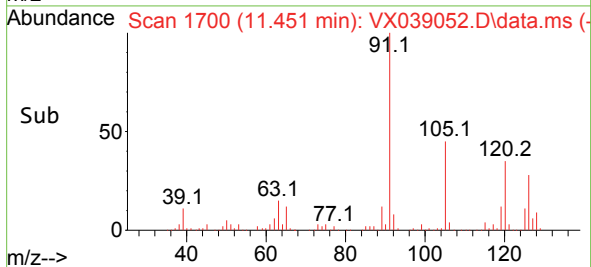
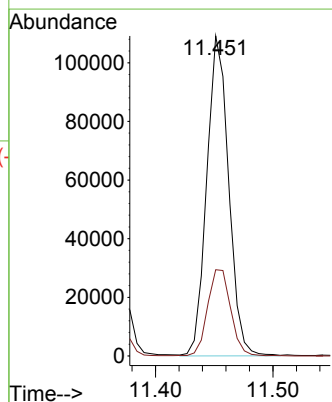
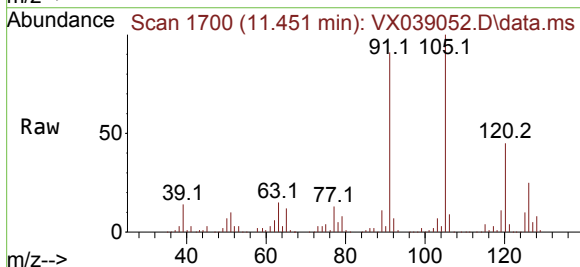
Instrument :
MSVOA_X
ClientSampleId :

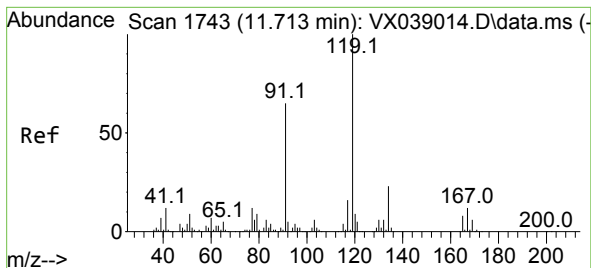
Tgt Ion: 75 Resp: 19359
Ion Ratio Lower Upper
75 100
53 90.9 46.9 140.8
89 45.6 21.3 63.7



#78
4-Chlorotoluene
Concen: 19.997 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

Tgt Ion: 91 Resp: 141477
Ion Ratio Lower Upper
91 100
126 28.5 0.0 57.4





#79

tert-butylbenzene

Concen: 20.367 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

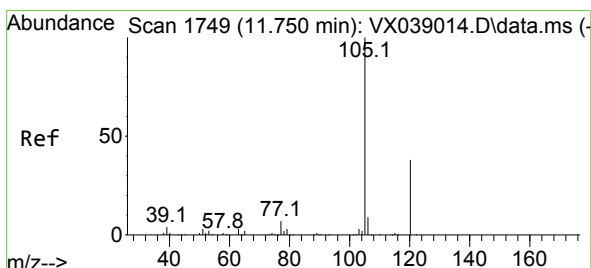
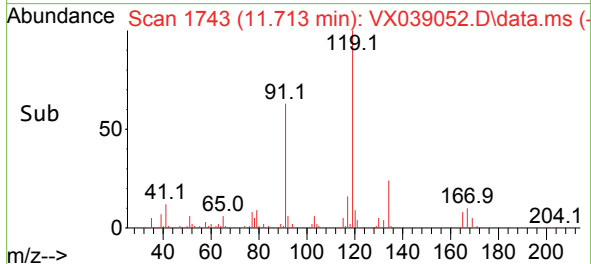
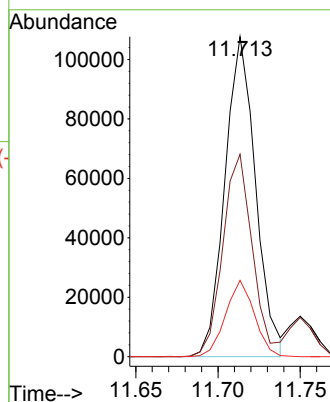
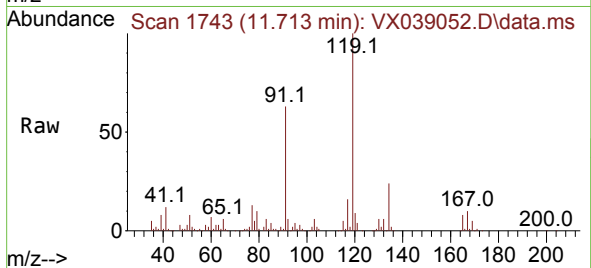
Tgt Ion:119 Resp: 139672

Ion Ratio Lower Upper

119 100

91 60.3 0.0 125.6

134 22.5 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 20.086 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039052.D

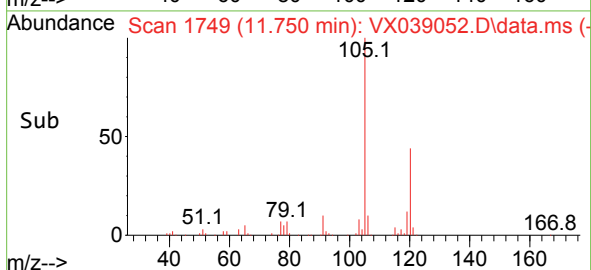
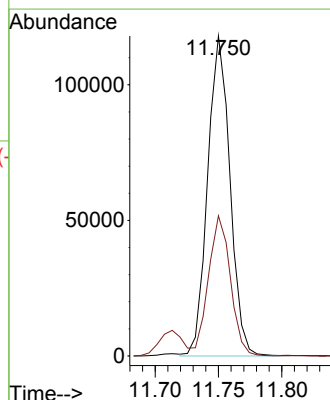
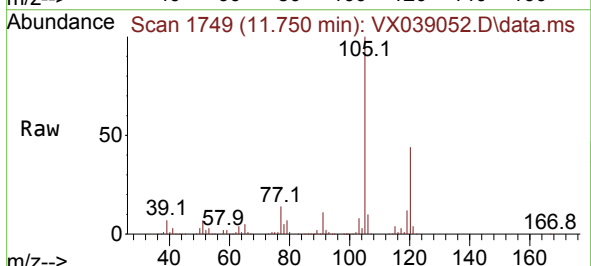
Acq: 29 Nov 2023 10:53

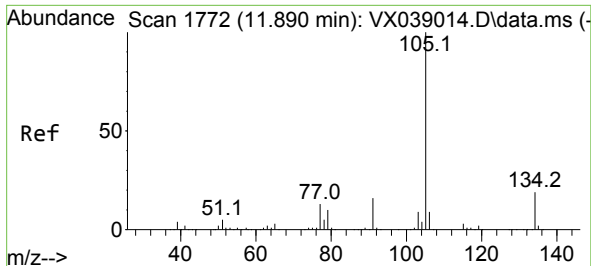
Tgt Ion:105 Resp: 144980

Ion Ratio Lower Upper

105 100

120 43.4 0.0 86.4

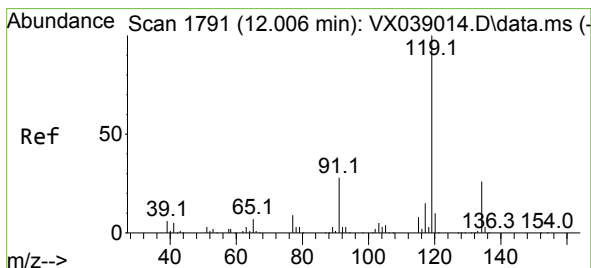
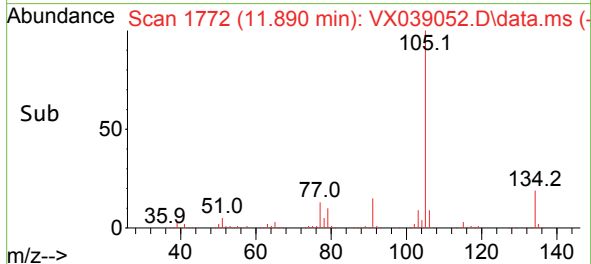
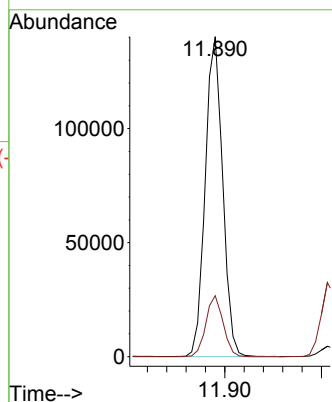
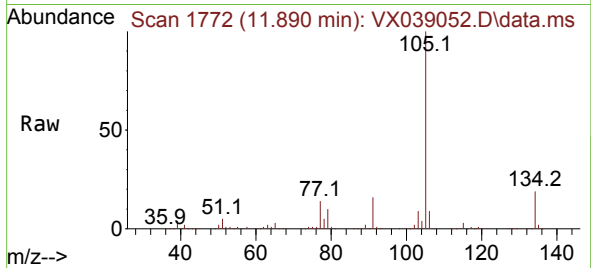




#81
 sec-Butylbenzene
 Concen: 20.297 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039052.D
 Acq: 29 Nov 2023 10:53

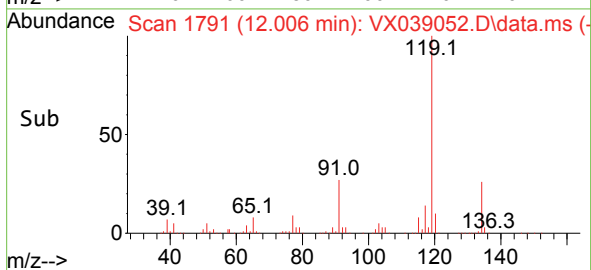
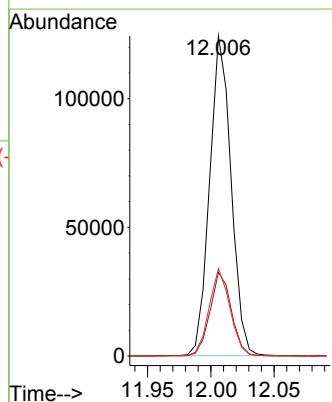
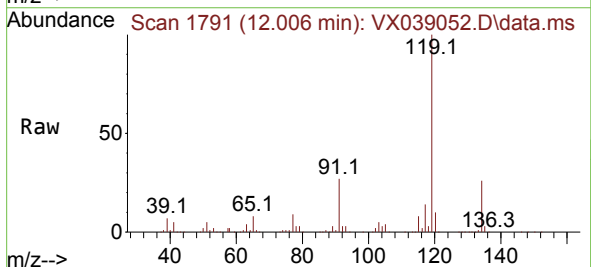
Instrument :
 MSVOA_X
 ClientSampleId :

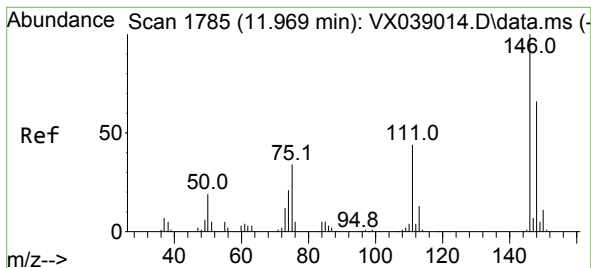
Tgt Ion:105 Resp: 175961
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 19.931 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039052.D
 Acq: 29 Nov 2023 10:53

Tgt Ion:119 Resp: 146445
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 26.8 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 20.408 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

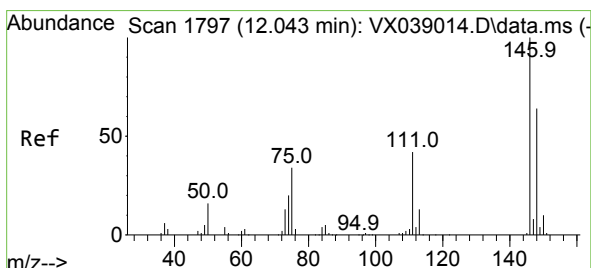
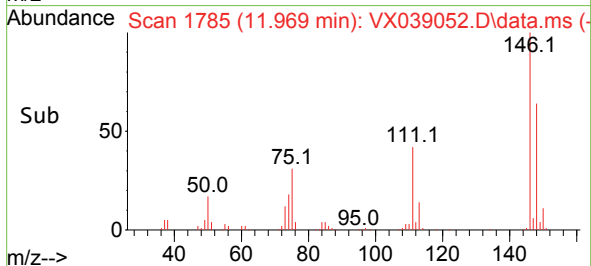
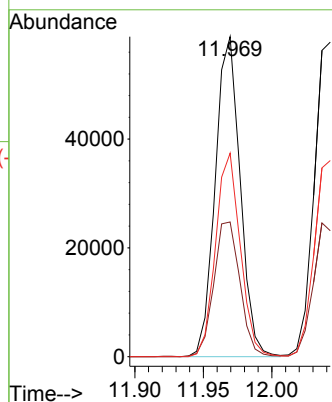
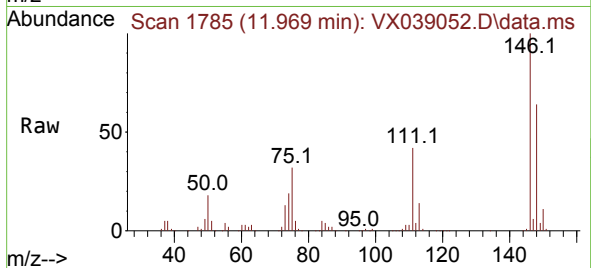
Tgt Ion:146 Resp: 74440

Ion Ratio Lower Upper

146 100

111 44.3 22.3 66.9

148 63.0 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 19.973 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

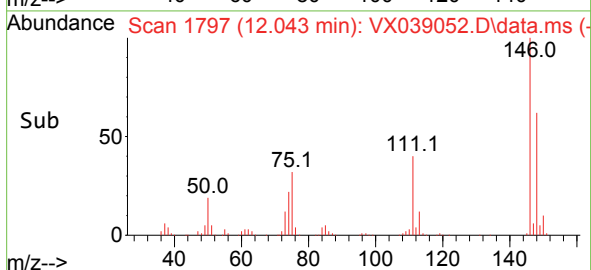
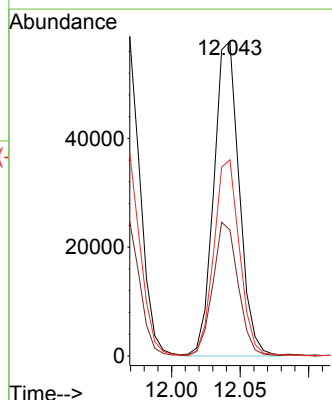
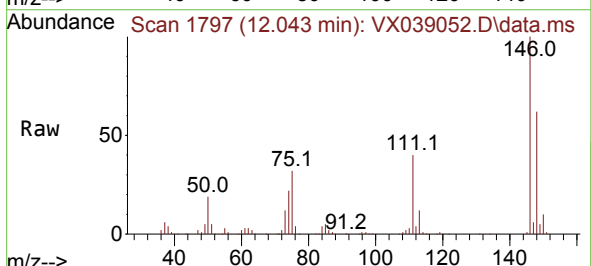
Tgt Ion:146 Resp: 74753

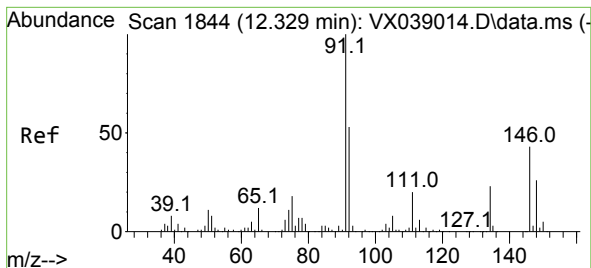
Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.2

148 62.7 31.8 95.4

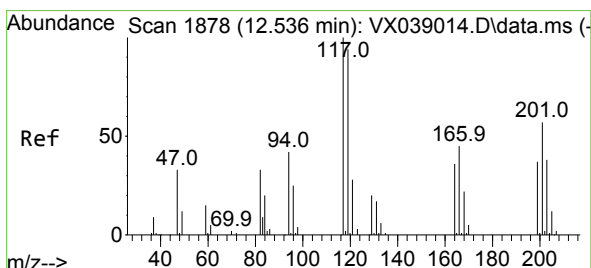
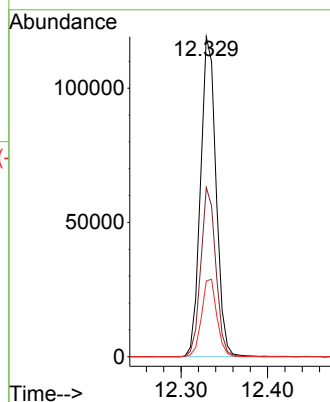
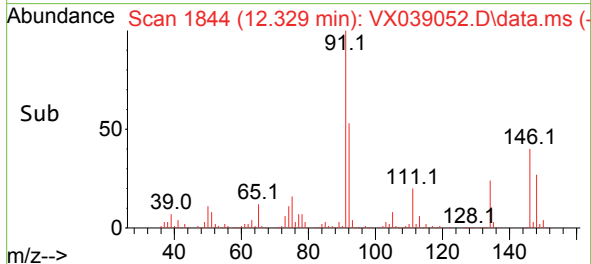
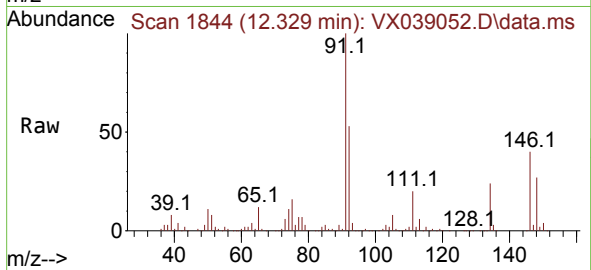




#85
n-Butylbenzene
Concen: 20.407 ug/l
RT: 12.329 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

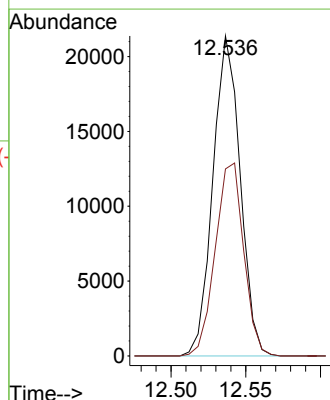
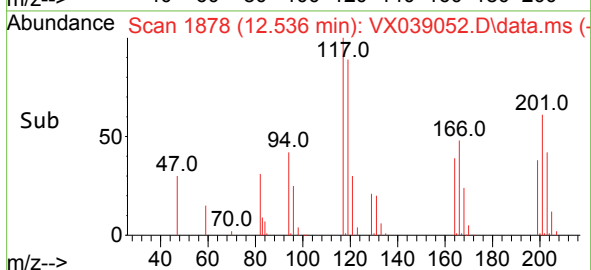
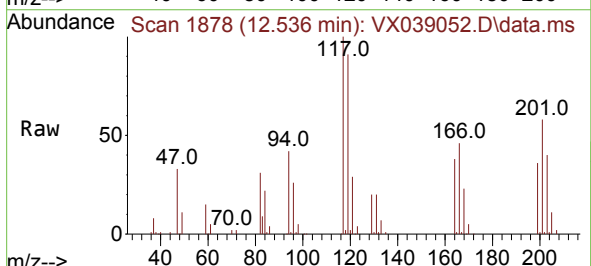
Instrument :
MSVOA_X
ClientSampleId :

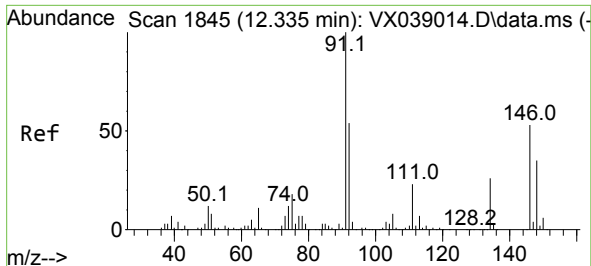
Tgt Ion: 91 Resp: 148074
Ion Ratio Lower Upper
91 100
92 51.3 0.0 106.2
134 23.9 0.0 48.8



#86
Hexachloroethane
Concen: 19.492 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039052.D
Acq: 29 Nov 2023 10:53

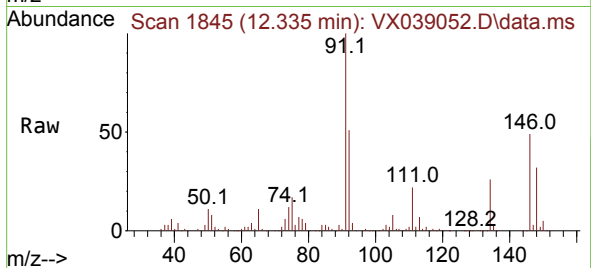
Tgt Ion: 117 Resp: 27137
Ion Ratio Lower Upper
117 100
201 62.9 31.8 95.3



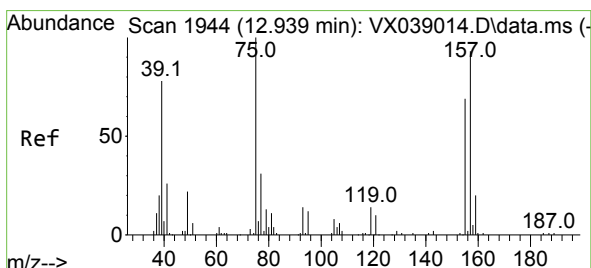
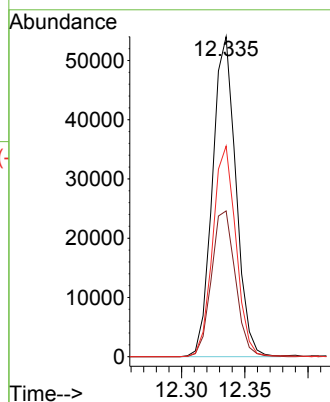
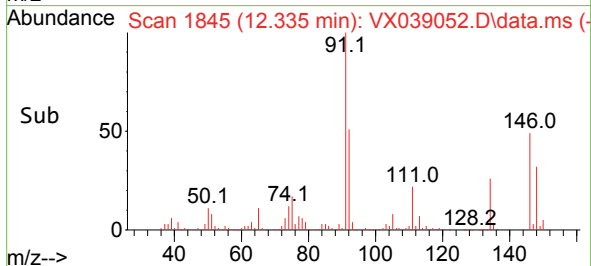


#87
 1,2-Dichlorobenzene
 Concen: 19.842 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX039052.D
 Acq: 29 Nov 2023 10:53

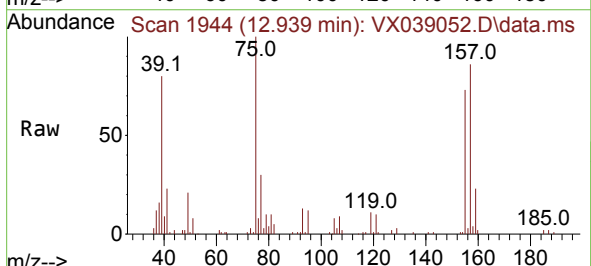
Instrument :
 MSVOA_X
 ClientSampleId :



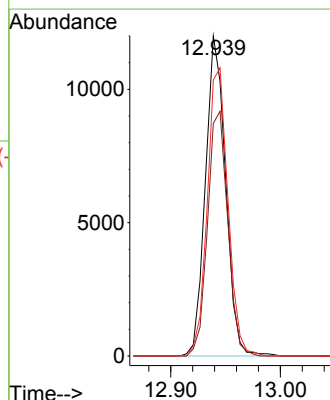
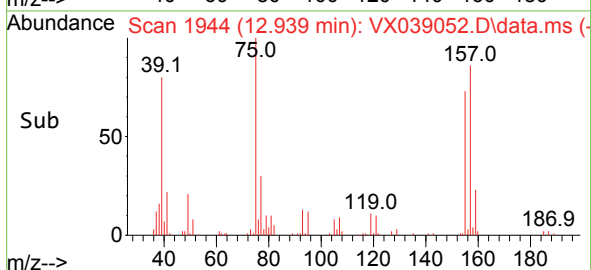
Tgt Ion:146 Resp: 69595
 Ion Ratio Lower Upper
 146 100
 111 46.5 22.4 67.2
 148 65.1 31.9 95.7

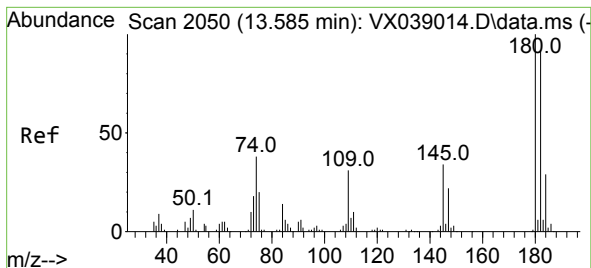


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.228 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX039052.D
 Acq: 29 Nov 2023 10:53



Tgt Ion: 75 Resp: 15368
 Ion Ratio Lower Upper
 75 100
 155 76.3 58.2 87.4
 157 92.0 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 20.073 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

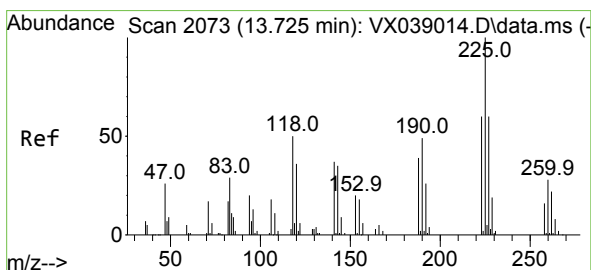
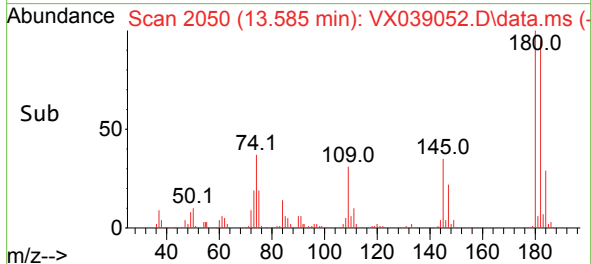
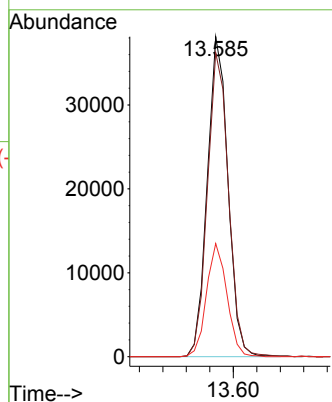
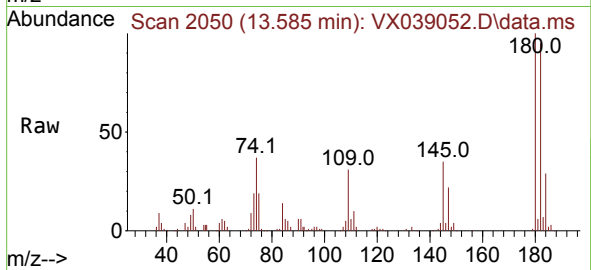
Tgt Ion:180 Resp: 46680

Ion Ratio Lower Upper

180 100

182 96.7 74.5 111.7

145 34.9 26.6 40.0



#90

Hexachlorobutadiene

Concen: 21.543 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

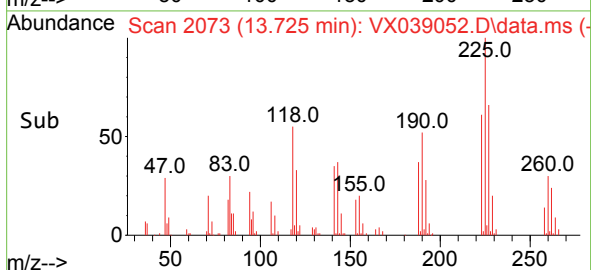
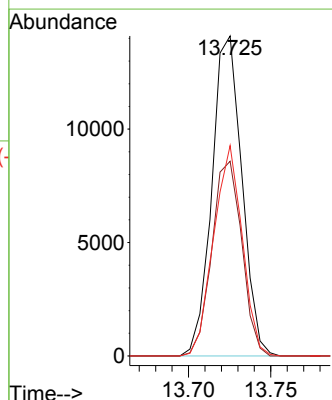
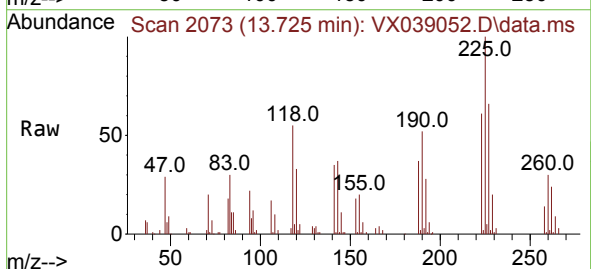
Tgt Ion:225 Resp: 17888

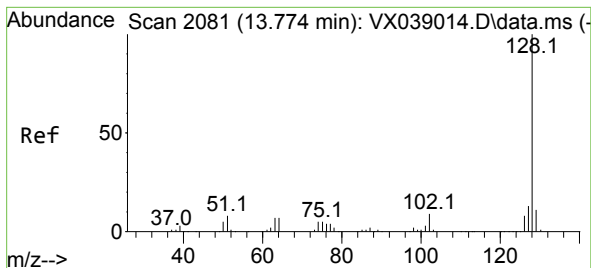
Ion Ratio Lower Upper

225 100

223 60.8 0.0 124.4

227 62.7 0.0 124.4





#91

Naphthalene

Concen: 19.524 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

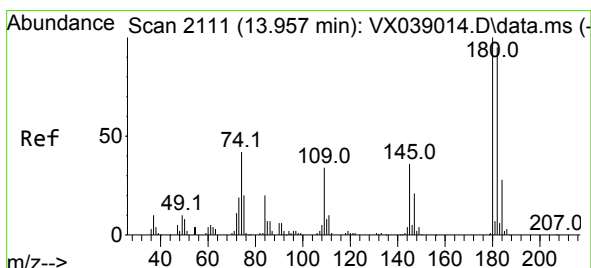
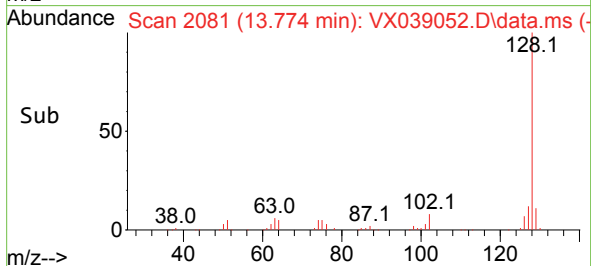
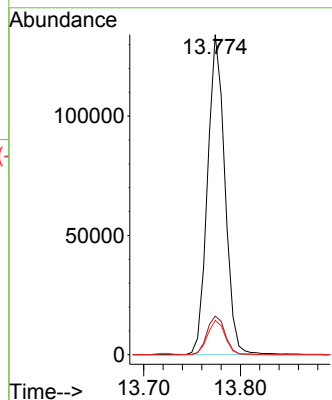
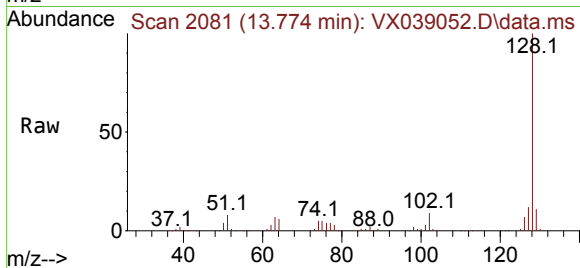
Tgt Ion:128 Resp: 167441

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 20.652 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039052.D

Acq: 29 Nov 2023 10:53

Tgt Ion:180 Resp: 46519

Ion Ratio Lower Upper

180 100

182 94.3 0.0 191.6

145 35.2 0.0 69.6

