

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121523\
 Data File : VX039223.D
 Acq On : 15 Dec 2023 10:38
 Operator : JC/MD
 Sample : VX1215WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:11:39 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	4.898	128	10720	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	84947	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	103663	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	47671	32.505	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.367%	
60) 4-Bromofluorobenzene	11.079	95	70250	31.027	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.433%	
63) Toluene-d8	8.647	98	121628	29.676	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	32753	20.413	ug/l	98
3) Chloromethane	1.295	50	35274	19.200	ug/l	93
4) Vinyl Chloride	1.374	62	34237	18.459	ug/l	99
5) Bromomethane	1.605	94	21035	18.542	ug/l	99
6) Chloroethane	1.685	64	19699	18.238	ug/l	98
7) Trichlorofluoromethane	1.886	101	51910	20.278	ug/l	98
8) Diethyl Ether	2.130	74	18462	18.788	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	32684	22.594	ug/l	99
10) 1,1-Dichloroethene	2.319	96	29978	20.559	ug/l	100
11) Methyl Iodide	2.453	142	31114	19.472	ug/l	99
12) Methyl Acetate	2.697	43	101879	22.402	ug/l	98
13) Acrolein	2.233	56	37022	92.926	ug/l	98
14) Acrylonitrile	3.056	53	112394	101.046	ug/l	100
15) Acetone	2.374	58	34023	84.149	ug/l	97
16) Carbon Disulfide	2.514	76	80624	18.256	ug/l	97
17) Allyl chloride	2.660	41	61769	21.339	ug/l	95
18) Methylene Chloride	2.788	84	35620	20.608	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	32467	19.687	ug/l	94
20) Diisopropyl ether	3.758	45	117283	21.291	ug/l	91
21) 1,1-Dichloroethane	3.605	63	64784	21.152	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	38349	20.065	ug/l	93
23) tert-Butyl Alcohol	2.947	59	52744	85.655	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	111826	20.818	ug/l	95
25) Chloroform	5.087	83	65468	21.297	ug/l	96
26) Cyclohexane	5.465	56	55349	19.967	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	48181	20.233	ug/l	97
30) 2-Butanone	4.544	43	167201	93.258	ug/l	99
31) 2,2-Dichloropropane	4.471	77	56687	20.820	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	56396	20.490	ug/l	98
33) Carbon Tetrachloride	5.672	117	44996	19.408	ug/l	93
34) Benzene	6.032	78	137009	19.751	ug/l	99
35) Methacrylonitrile	4.916	41	33070	20.823	ug/l	99
36) 1,2-Dichloroethane	6.080	62	55691	21.880	ug/l	99
37) Trichloroethene	7.123	130	34088	19.361	ug/l	96
38) Methylcyclohexane	7.379	83	57852	19.498	ug/l	97
39) 1,2-Dichloropropane	7.428	63	37756	20.638	ug/l	100
40) Dibromomethane	7.580	93	26008	20.120	ug/l	97
41) Bromodichloromethane	7.818	83	50623	20.385	ug/l	99
42) Vinyl Acetate	3.715	43	431073	100.947	ug/l	99

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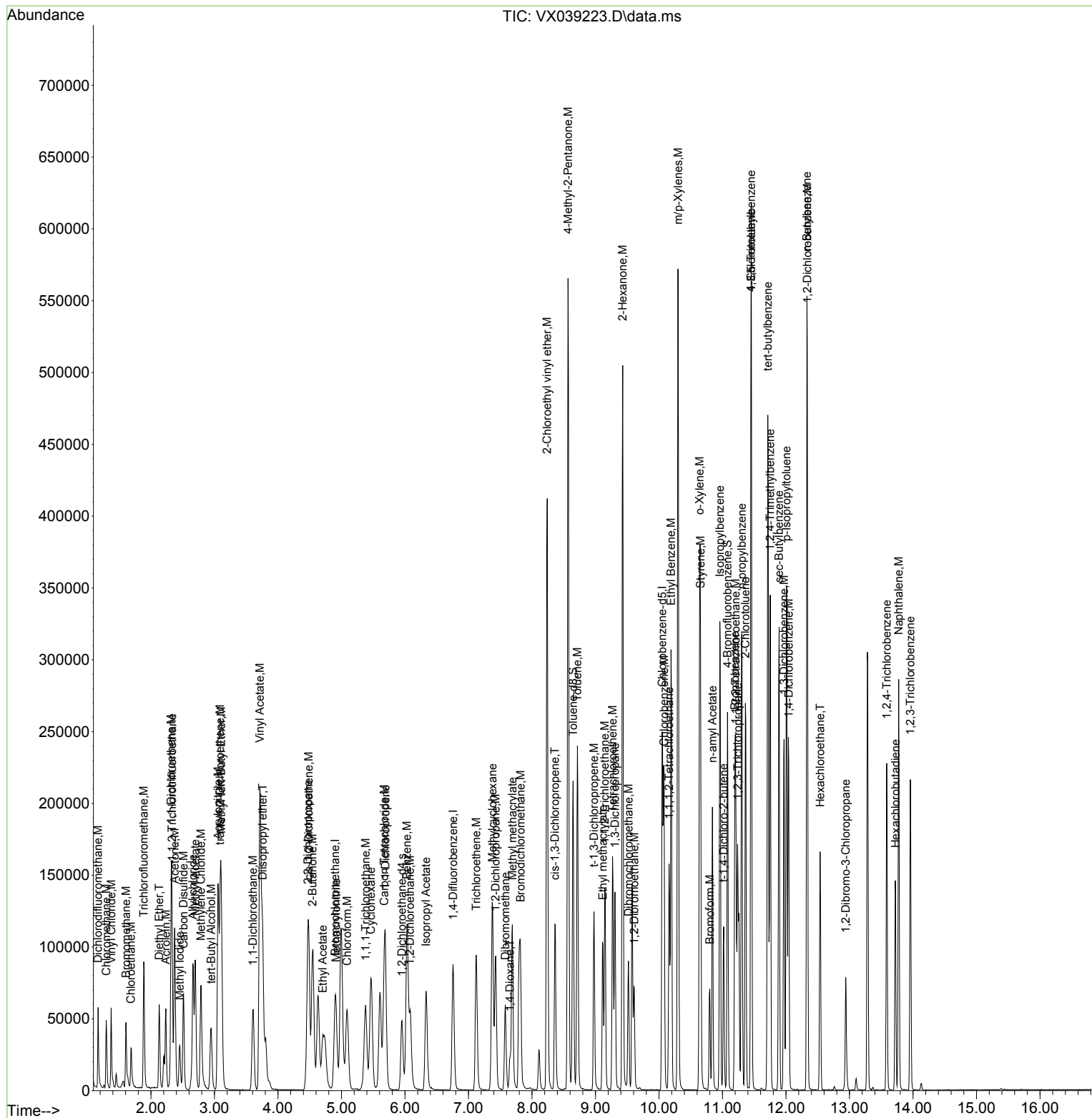
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	60234	19.528	ug/l	100
44) Isopropyl Acetate	6.330	43	96843	19.916	ug/l	98
45) 1,4-Dioxane	7.653	88	17152	345.538	ug/l	96
46) Methyl methacrylate	7.690	41	57993	20.860	ug/l	99
47) n-amyl Acetate	10.842	43	82603	20.071	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	56023	19.456	ug/l	95
49) cis-1,3-Dichloropropene	8.360	75	59060	19.883	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	34972	19.917	ug/l	97
51) Ethyl methacrylate	9.116	69	45222	20.574	ug/l	98
52) 1,3-Dichloropropane	9.305	76	61309	20.362	ug/l	100
53) Dibromochloromethane	9.519	129	36000	19.090	ug/l	99
54) 1,2-Dibromoethane	9.610	107	38315	19.898	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	161291	115.769	ug/l	99
56) Bromoform	10.799	173	23756	17.454	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	328786	104.590	ug/l	99
59) 2-Hexanone	9.427	43	264338	102.442	ug/l	97
61) Tetrachloroethene	9.269	164	26822	19.901	ug/l	95
62) Toluene	8.714	91	149306	20.287	ug/l	99
64) Chlorobenzene	10.080	112	89058	19.893	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	32281	20.022	ug/l	98
66) Ethyl Benzene	10.189	91	171957	20.519	ug/l	97
67) m/p-Xylenes	10.299	106	124359	40.158	ug/l	98
68) o-Xylene	10.640	106	59671	19.892	ug/l	97
69) Styrene	10.653	104	87619	19.736	ug/l	96
70) Isopropylbenzene	10.957	105	165085	20.569	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	61552	20.544	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	71217	28.090	ug/l	89
73) Bromobenzene	11.195	156	37261	20.392	ug/l	92
74) n-propylbenzene	11.305	91	205513	20.900	ug/l	98
75) 2-Chlorotoluene	11.360	91	120001	20.801	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	141368	20.446	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	18053	17.970	ug/l	92
78) 4-Chlorotoluene	11.451	91	141172	20.813	ug/l	96
79) tert-butylbenzene	11.713	119	135235	20.569	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	141745	20.483	ug/l	97
81) sec-Butylbenzene	11.890	105	170364	20.497	ug/l	100
82) p-Isopropyltoluene	12.006	119	143566	20.381	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	70034	20.027	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	70553	19.663	ug/l	100
85) n-Butylbenzene	12.329	91	143573	20.639	ug/l	98
86) Hexachloroethane	12.536	117	25426	19.050	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	67156	19.971	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15303	19.971	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	44288	19.865	ug/l	98
90) Hexachlorobutadiene	13.725	225	17089	21.467	ug/l	98
91) Naphthalene	13.774	128	158479	19.275	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	43091	19.954	ug/l	98

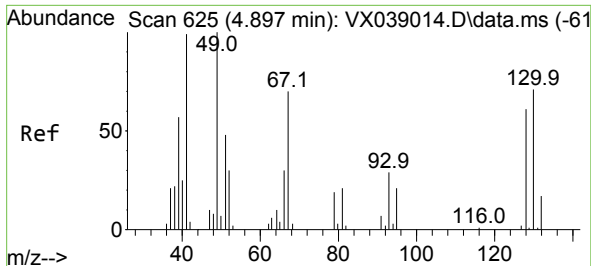
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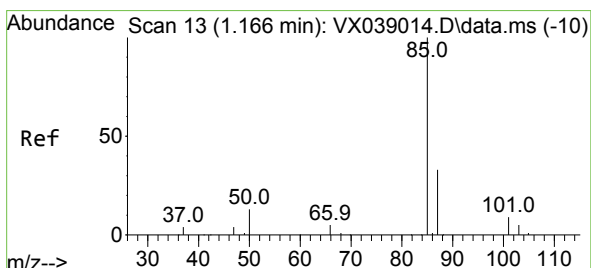
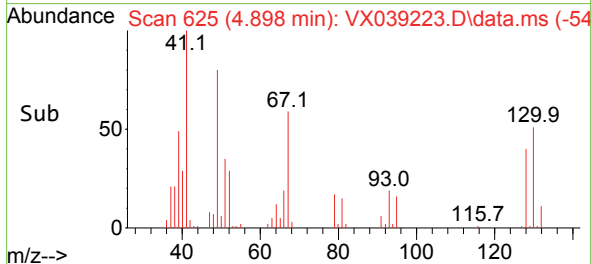
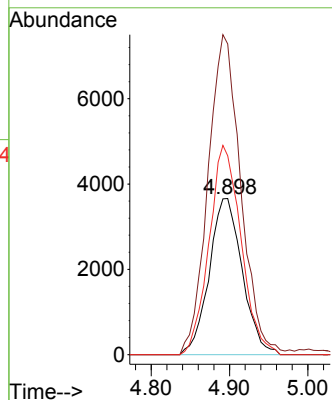
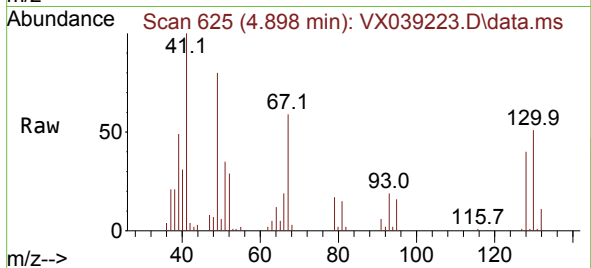




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
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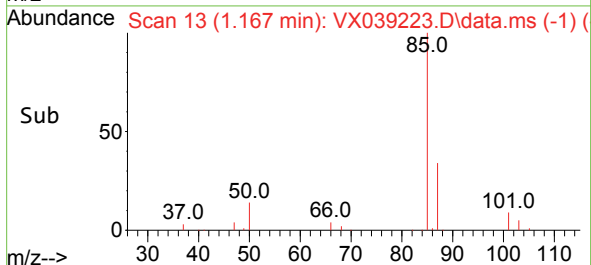
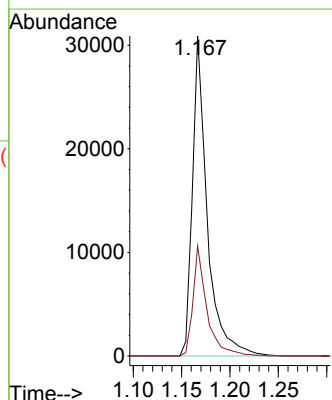
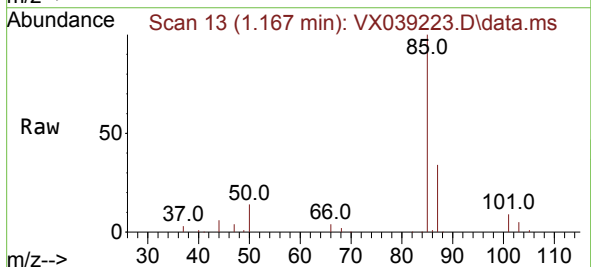
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MSVOA_X
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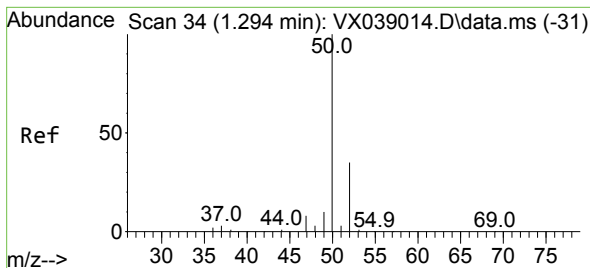
Tgt Ion:128 Resp: 10720
Ion Ratio Lower Upper
128 100
49 203.5 0.0 444.0
130 130.1 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 20.413 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 85 Resp: 32753
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.1





#3

Chloromethane

Concen: 19.200 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

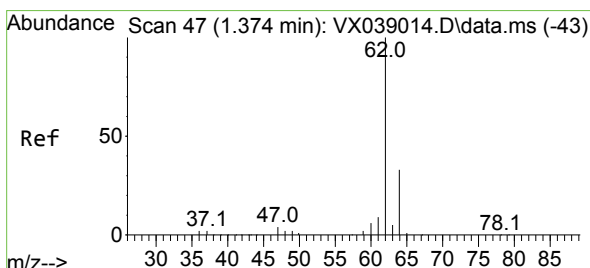
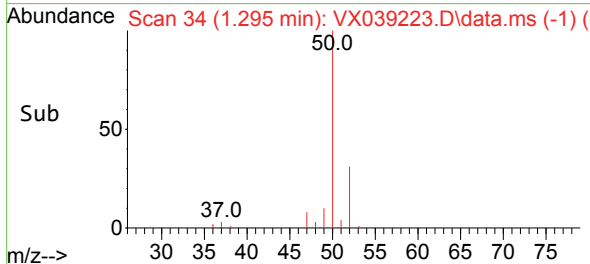
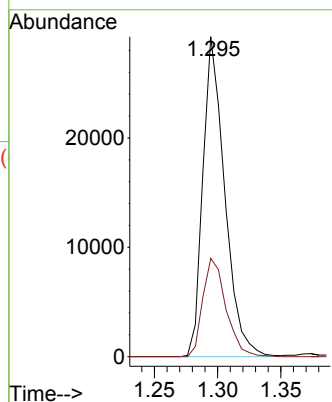
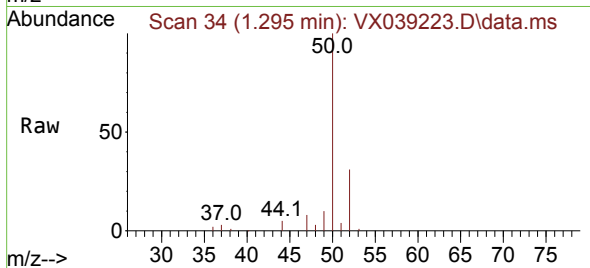
ClientSampleId :

Tgt Ion: 50 Resp: 35274

Ion Ratio Lower Upper

50 100

52 30.7 27.8 41.8



#4

Vinyl Chloride

Concen: 18.459 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039223.D

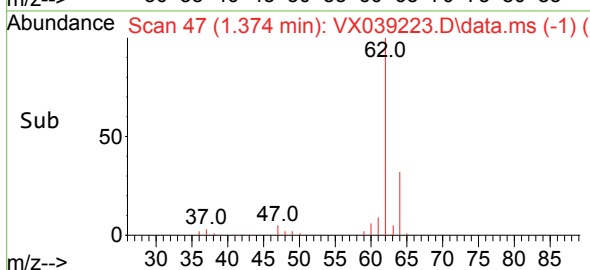
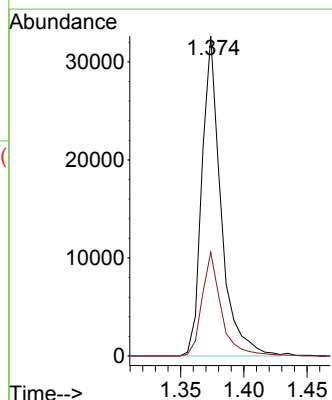
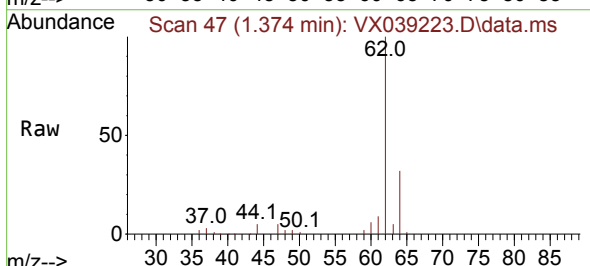
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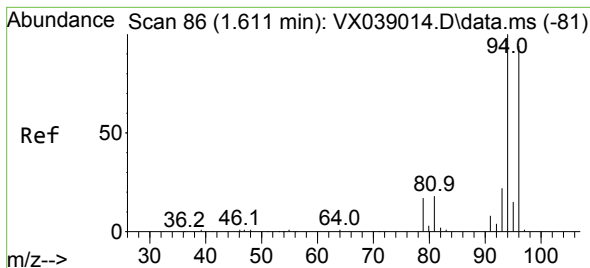
Tgt Ion: 62 Resp: 34237

Ion Ratio Lower Upper

62 100

64 32.4 26.3 39.5





#5

Bromomethane

Concen: 18.542 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

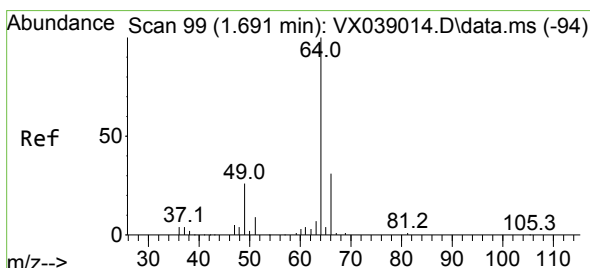
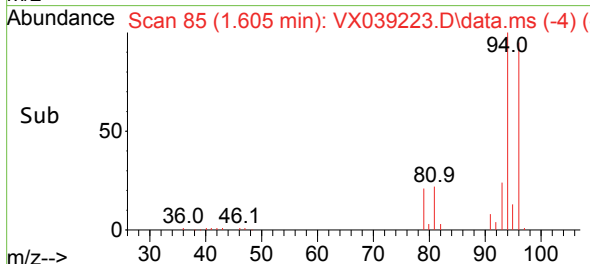
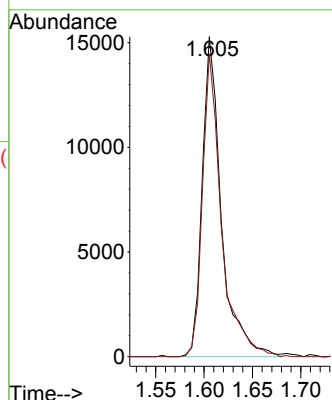
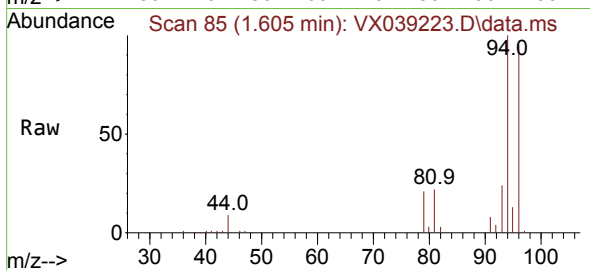
ClientSampleId :

Tgt Ion: 94 Resp: 21035

Ion Ratio Lower Upper

94 100

96 94.7 74.9 112.3



#6

Chloroethane

Concen: 18.238 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX039223.D

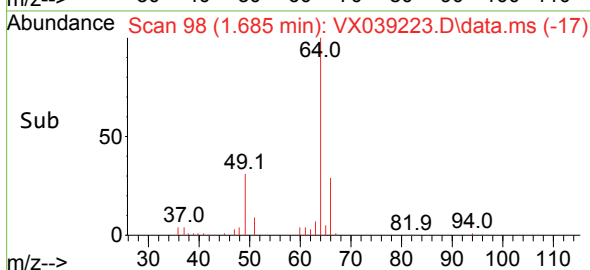
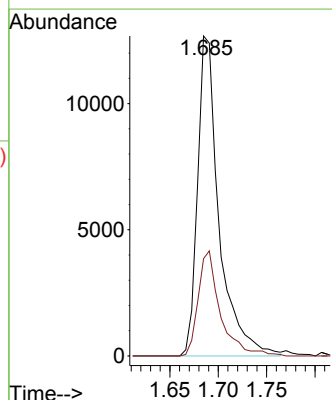
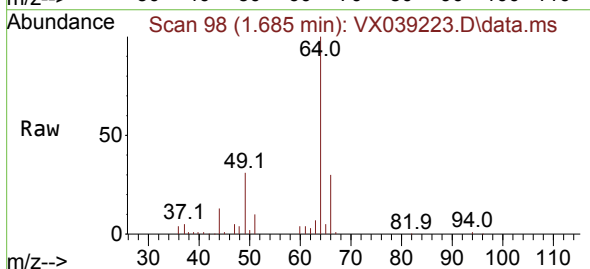
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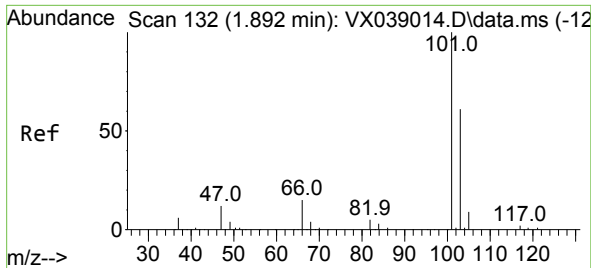
Tgt Ion: 64 Resp: 19699

Ion Ratio Lower Upper

64 100

66 30.4 25.0 37.6

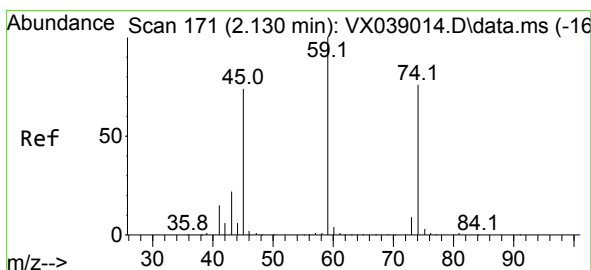
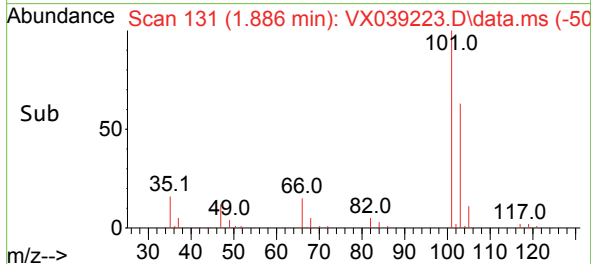
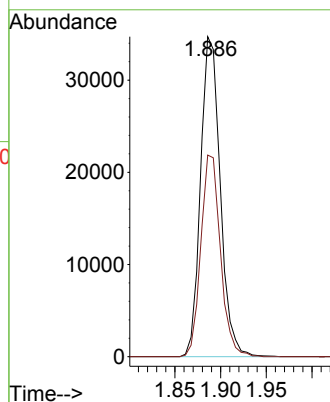
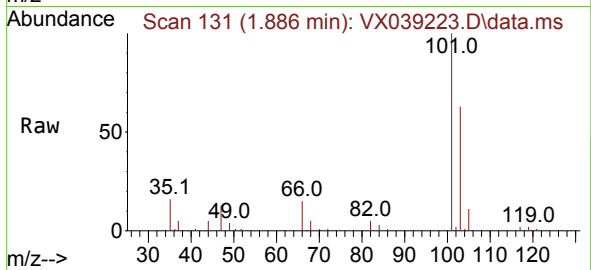




#7
 Trichlorofluoromethane
 Concen: 20.278 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
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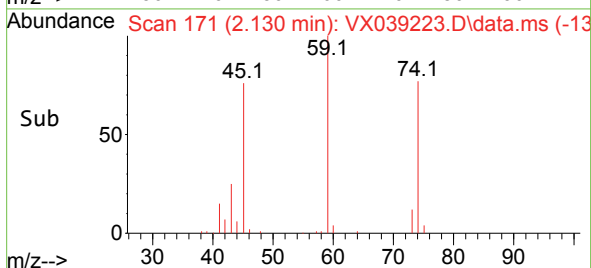
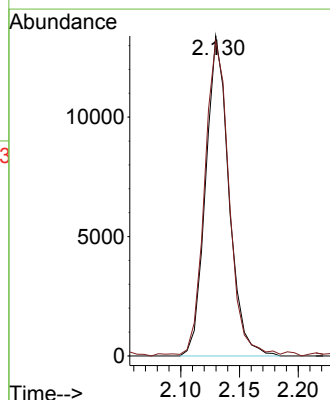
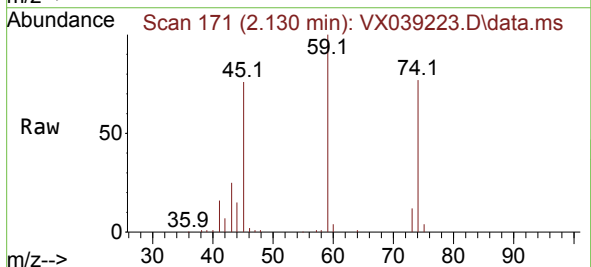
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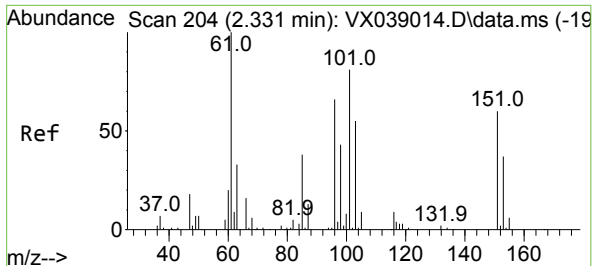
Tgt Ion:101 Resp: 51910
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.1 73.7



#8
 Diethyl Ether
 Concen: 18.788 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039223.D
 Acq: 15 Dec 2023 10:38

Tgt Ion: 74 Resp: 18462
 Ion Ratio Lower Upper
 74 100
 45 103.2 20.5 184.5

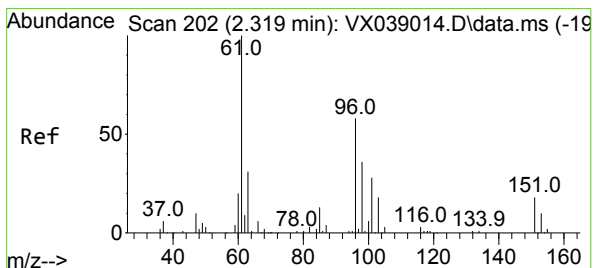
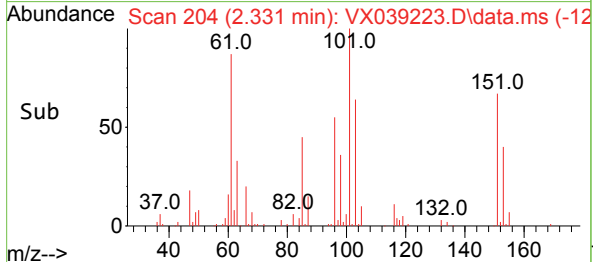
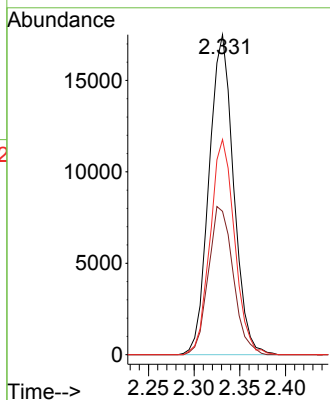
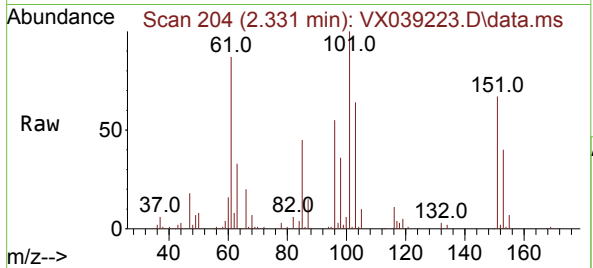




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.594 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
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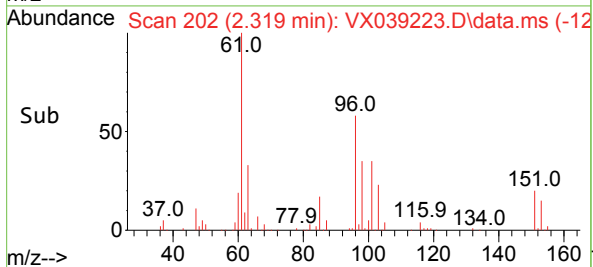
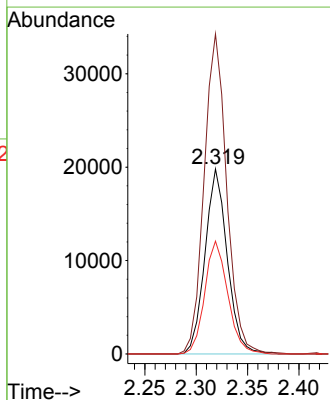
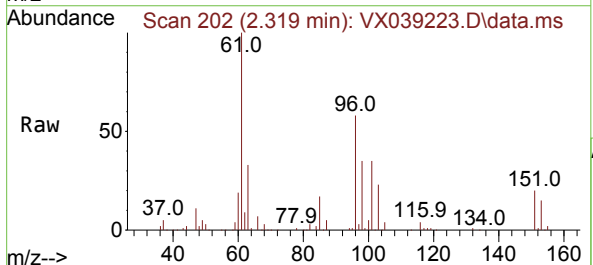
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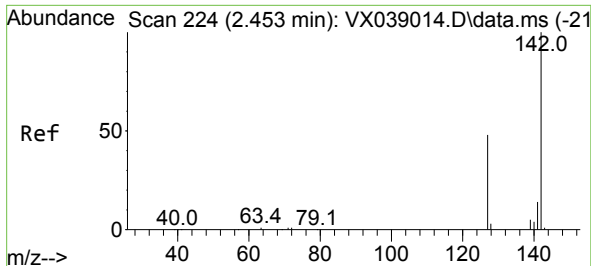
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 Ion Ratio Lower Upper
 101 100
 85 46.8 0.0 95.2
 151 67.1 0.0 136.8



#10
 1,1-Dichloroethene
 Concen: 20.559 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039223.D
 Acq: 15 Dec 2023 10:38

Tgt Ion: 96 Resp: 29978
 Ion Ratio Lower Upper
 96 100
 61 173.0 138.3 207.5
 98 61.0 49.8 74.6





#11

Methyl Iodide

Concen: 19.472 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

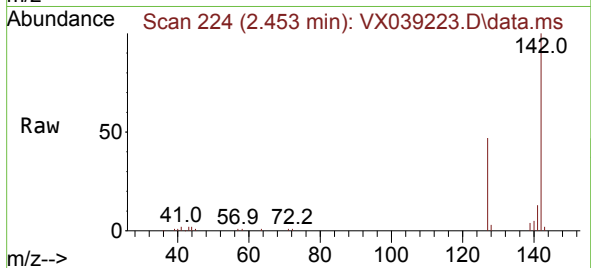
Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

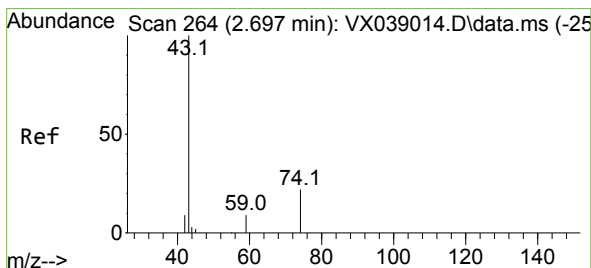
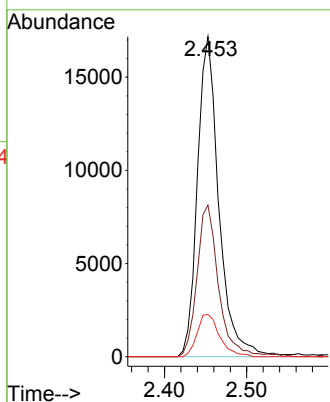
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	142	Resp:	31114
Ion	Ratio	Lower	Upper
142	100		
127	47.0	23.8	71.4
141	13.2	6.9	20.6



#12

Methyl Acetate

Concen: 22.402 ug/l

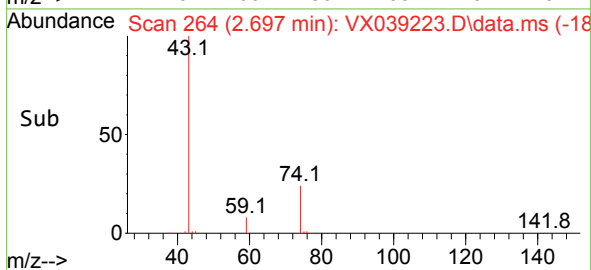
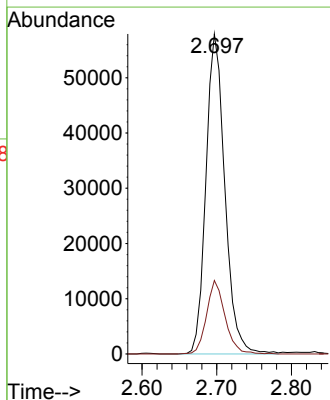
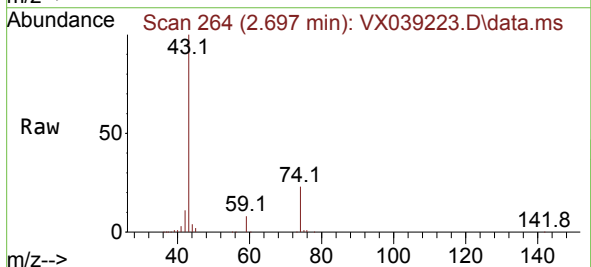
RT: 2.697 min Scan# 264

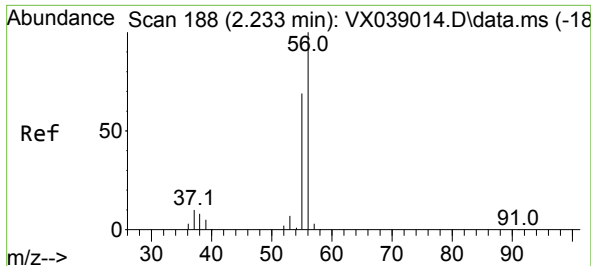
Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Tgt Ion:	43	Resp:	101879
Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.8	26.6





#13

Acrolein

Concen: 92.926 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

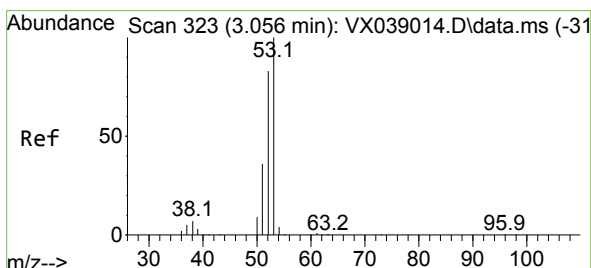
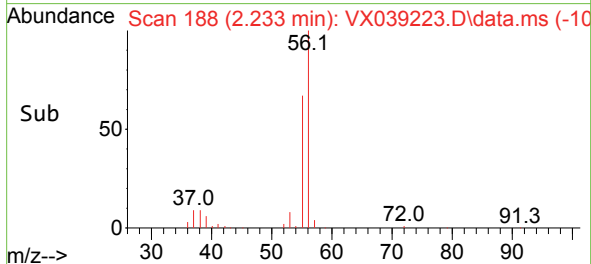
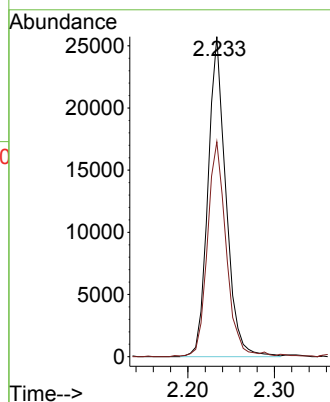
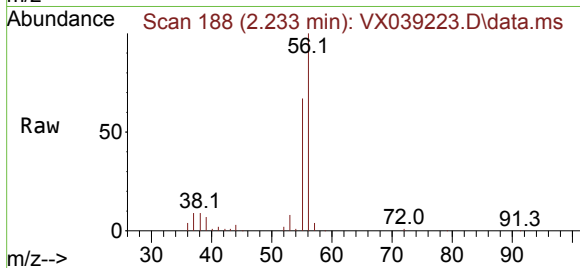
ClientSampleId :

Tgt Ion: 56 Resp: 37022

Ion Ratio Lower Upper

56 100

55 69.7 57.2 85.8



#14

Acrylonitrile

Concen: 101.046 ug/l

RT: 3.056 min Scan# 323

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

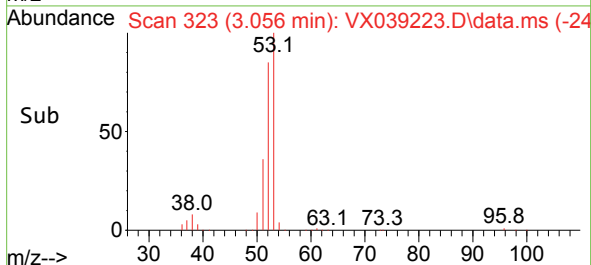
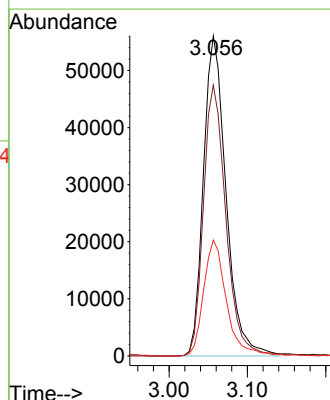
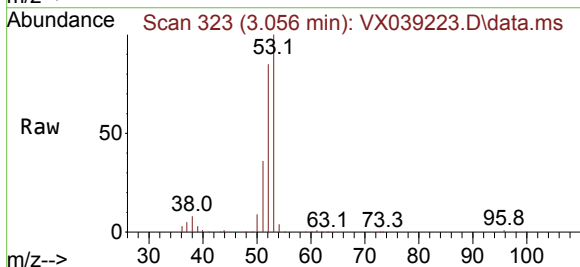
Tgt Ion: 53 Resp: 112394

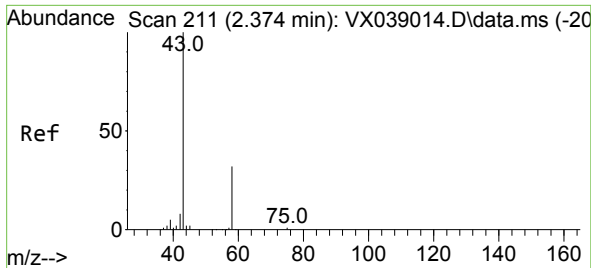
Ion Ratio Lower Upper

53 100

52 84.1 41.9 125.6

51 36.4 18.3 54.9





#15

Acetone

Concen: 84.149 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

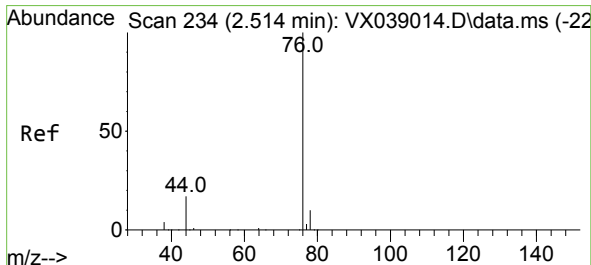
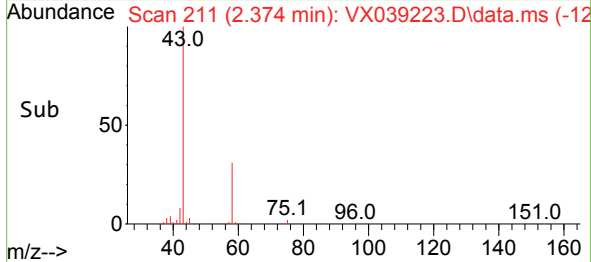
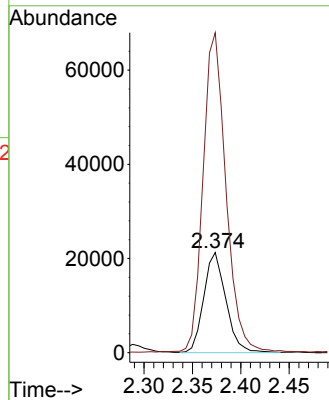
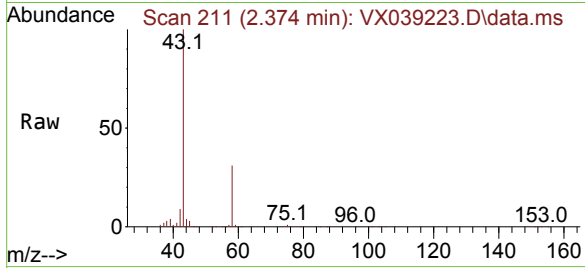
ClientSampleId :

Tgt Ion: 58 Resp: 34023

Ion Ratio Lower Upper

58 100

43 318.7 249.9 374.9



#16

Carbon Disulfide

Concen: 18.256 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039223.D

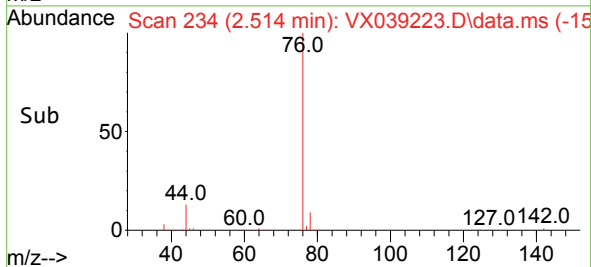
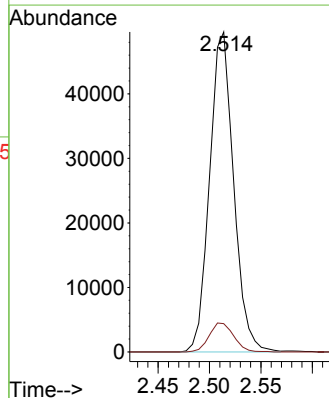
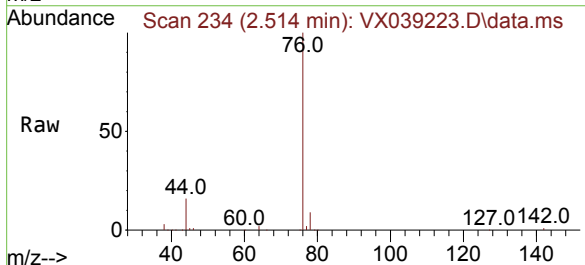
Acq: 15 Dec 2023 10:38

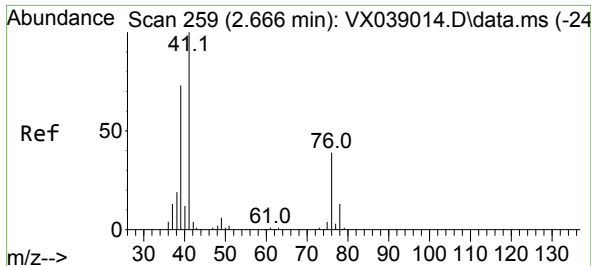
Tgt Ion: 76 Resp: 80624

Ion Ratio Lower Upper

76 100

78 8.8 8.0 12.0





#17

Allyl chloride

Concen: 21.339 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

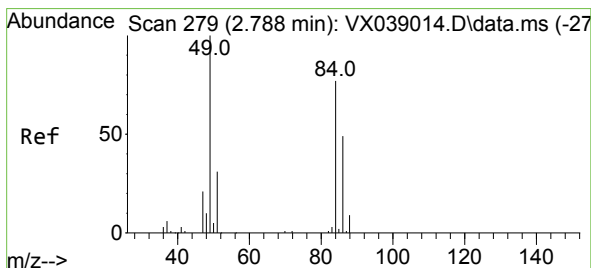
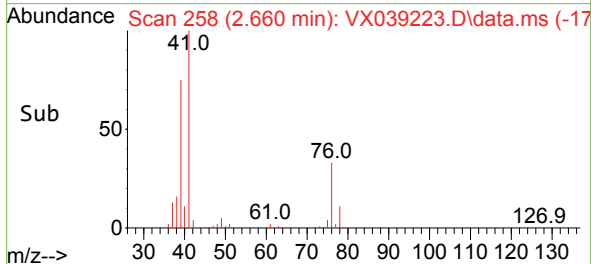
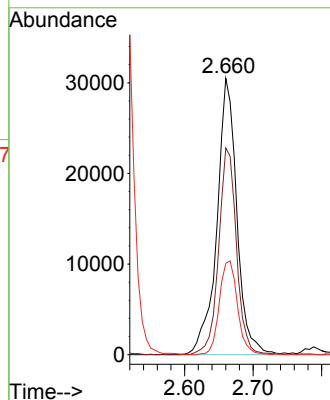
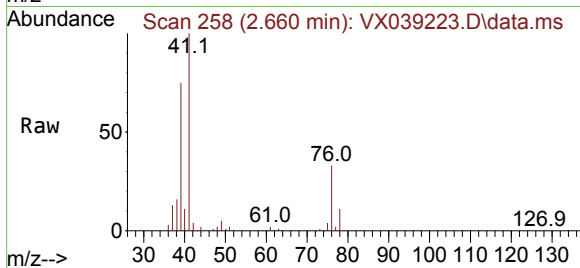
Tgt Ion: 41 Resp: 61769

Ion Ratio Lower Upper

41 100

39 74.8 36.5 109.5

76 33.0 19.7 59.0



#18

Methylene Chloride

Concen: 20.608 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Tgt Ion: 84 Resp: 35620

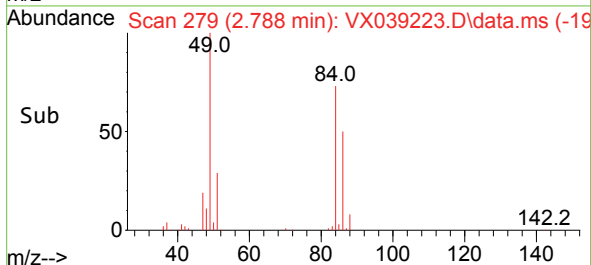
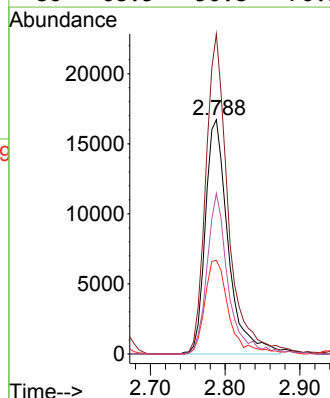
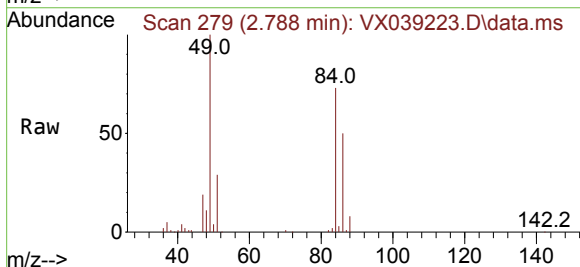
Ion Ratio Lower Upper

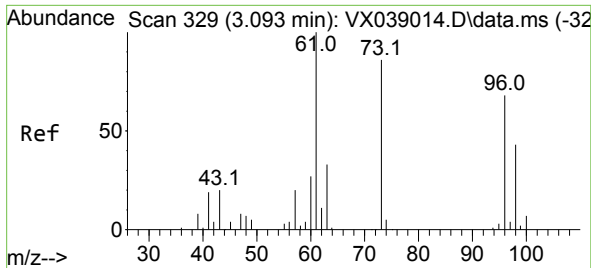
84 100

49 136.6 103.8 155.8

51 39.9 31.8 47.6

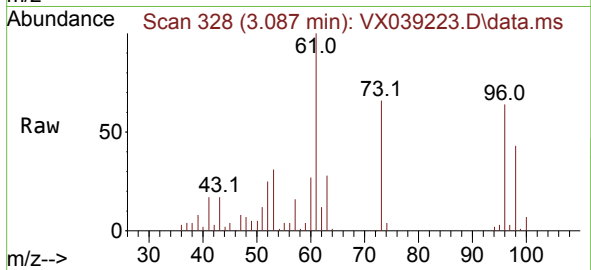
86 68.5 50.8 76.2



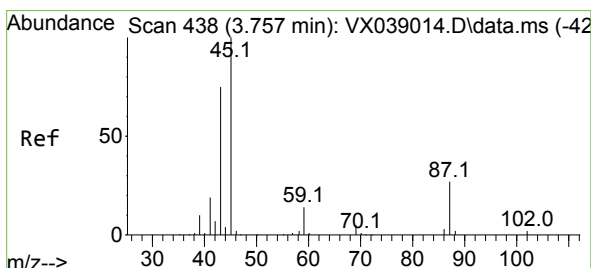
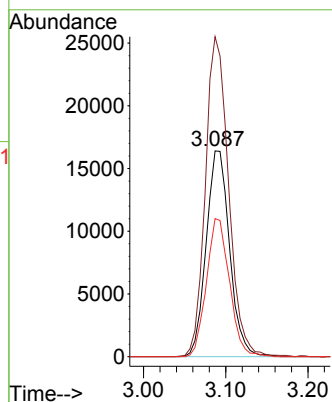
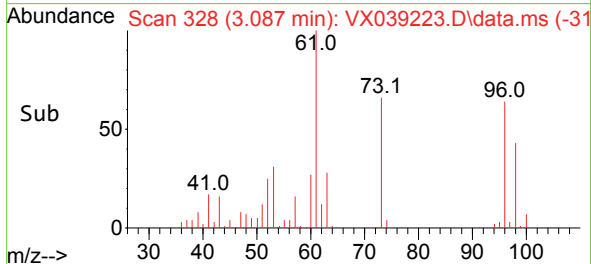


#19
trans-1,2-Dichloroethene
Concen: 19.687 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :

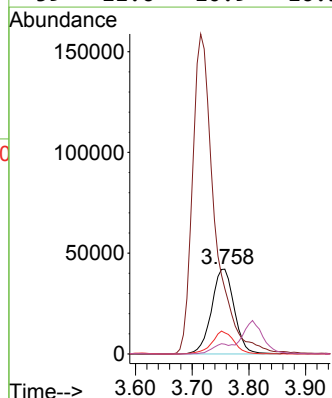
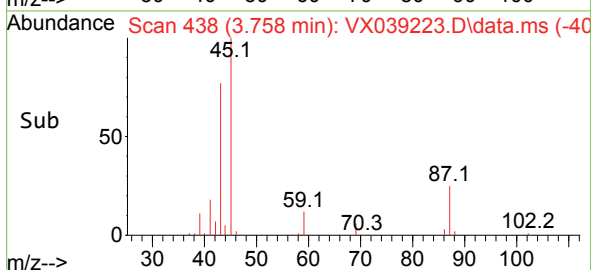
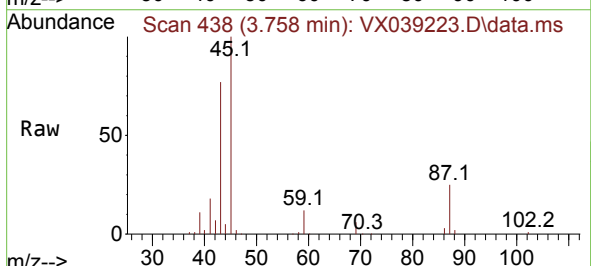


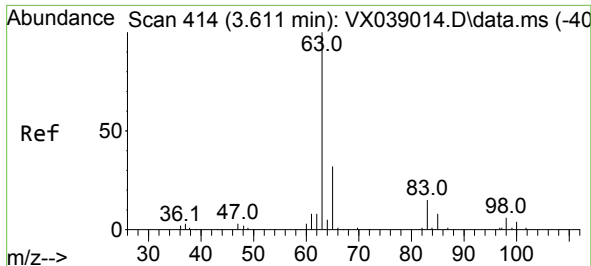
Tgt Ion: 96 Resp: 32467
Ion Ratio Lower Upper
96 100
61 155.1 117.9 176.9
98 67.1 51.0 76.6



#20
Diisopropyl ether
Concen: 21.291 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 45 Resp: 117283
Ion Ratio Lower Upper
45 100
43 74.2 67.7 101.5
87 24.9 21.5 32.3
59 11.6 10.9 16.3





#21

1,1-Dichloroethane

Concen: 21.152 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039223.D

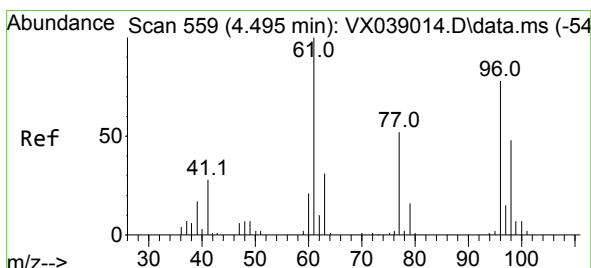
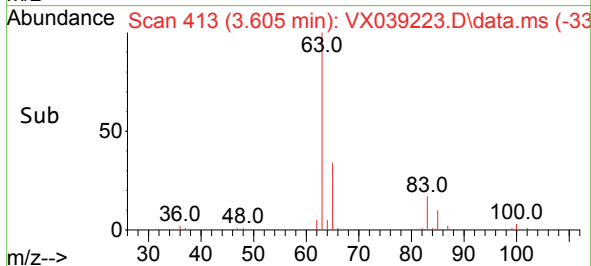
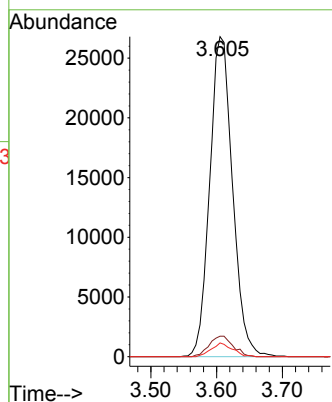
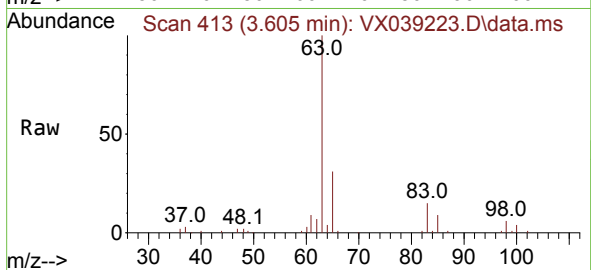
Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 64784
Ion Ratio	Lower Upper
63 100	
98 6.4	2.9 8.8
100 4.3	2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 20.065 ug/l

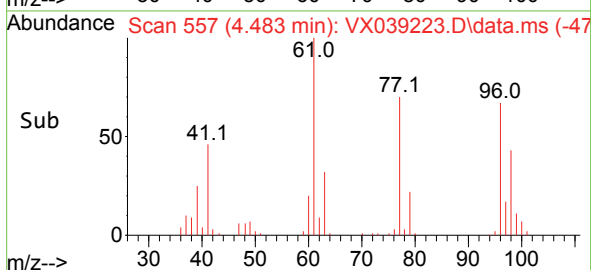
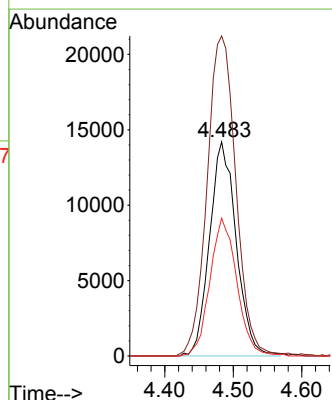
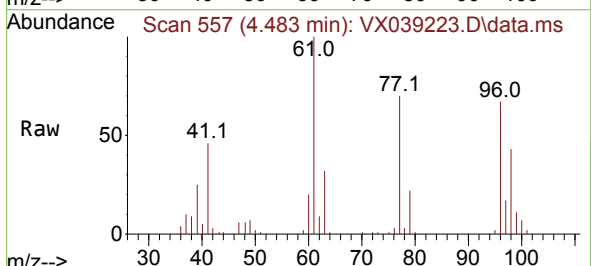
RT: 4.483 min Scan# 557

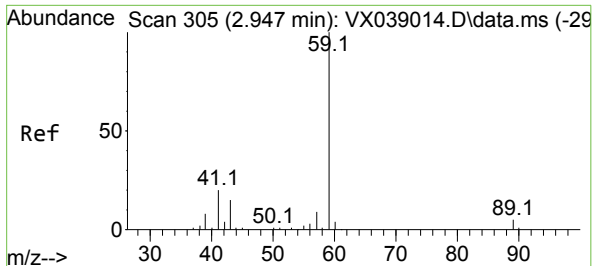
Delta R.T. -0.012 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Tgt Ion: 96	Resp: 38349
Ion Ratio	Lower Upper
96 100	
61 161.6	119.8 179.6
98 64.8	50.9 76.3

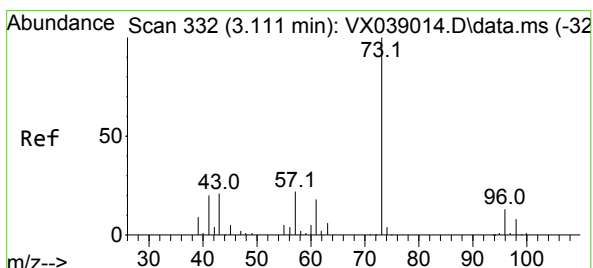
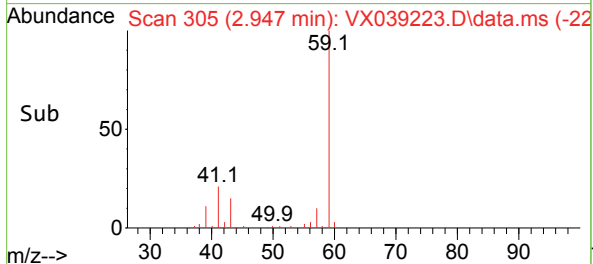
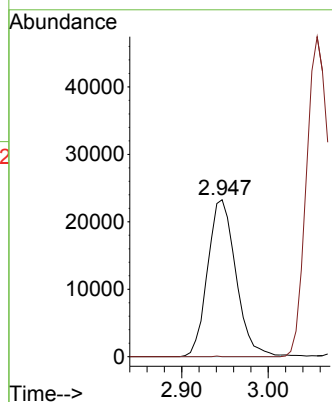
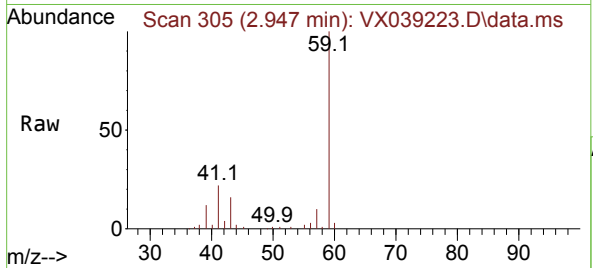




#23
tert-Butyl Alcohol
Concen: 85.655 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

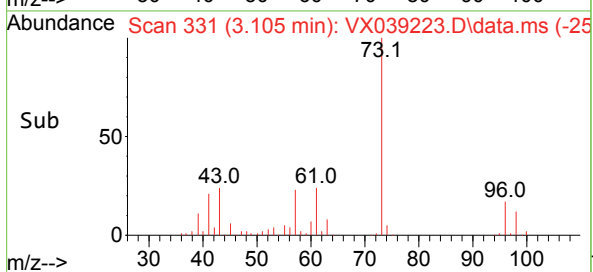
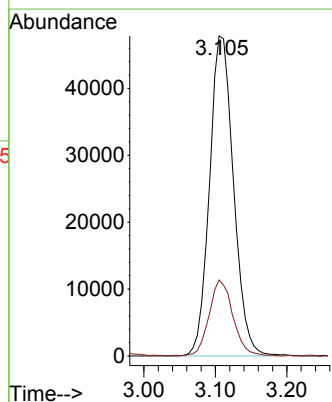
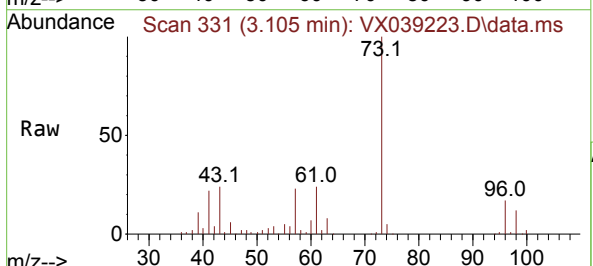
Instrument :
MSVOA_X
ClientSampleId :

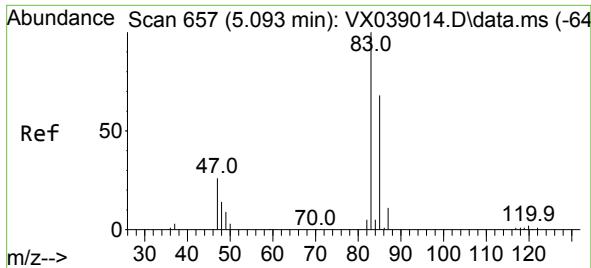
Tgt Ion: 59 Resp: 52744
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.818 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 73 Resp: 111826
Ion Ratio Lower Upper
73 100
43 23.5 17.0 25.6

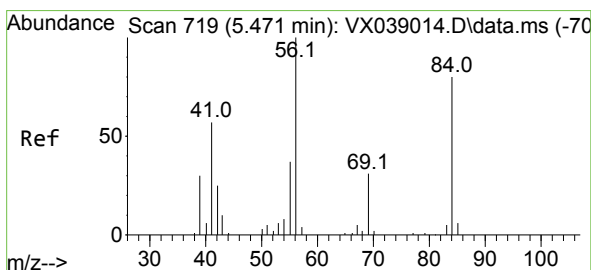
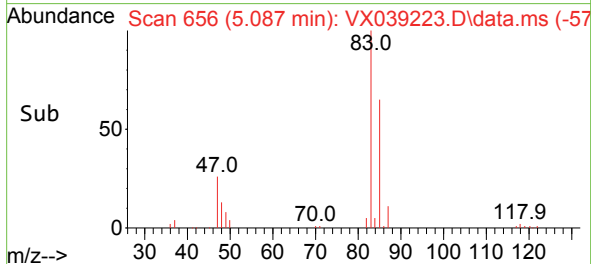
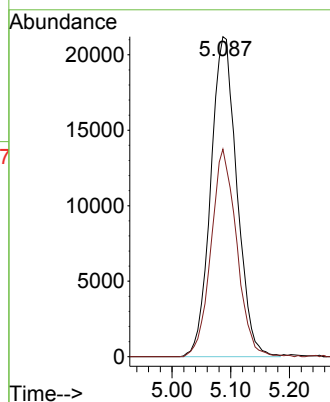
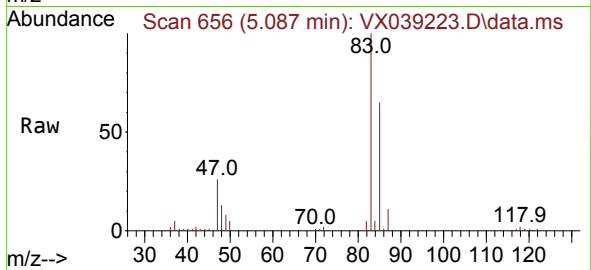




#25
Chloroform
Concen: 21.297 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

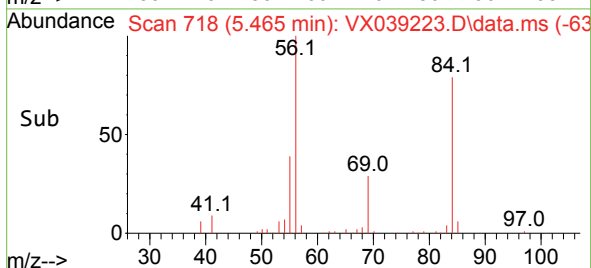
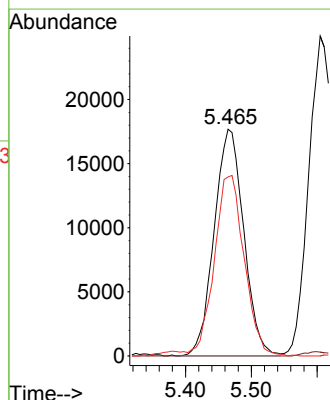
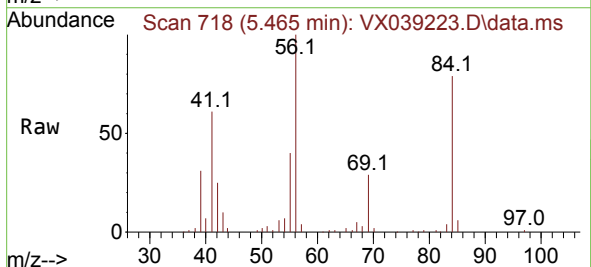
Instrument :
MSVOA_X
ClientSampleId :

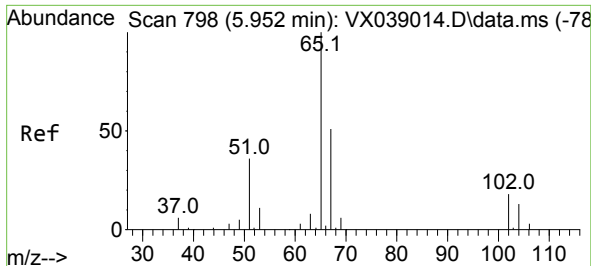
Tgt Ion: 83 Resp: 65468
Ion Ratio Lower Upper
83 100
85 64.8 54.6 81.8



#26
Cyclohexane
Concen: 19.967 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 56 Resp: 55349
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 80.2 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 32.505 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

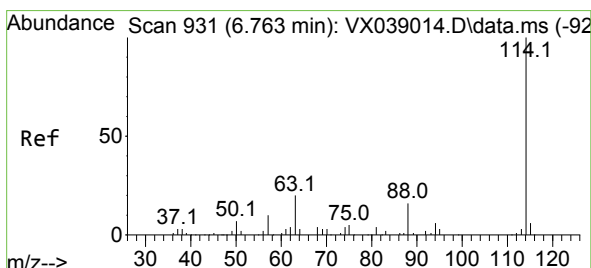
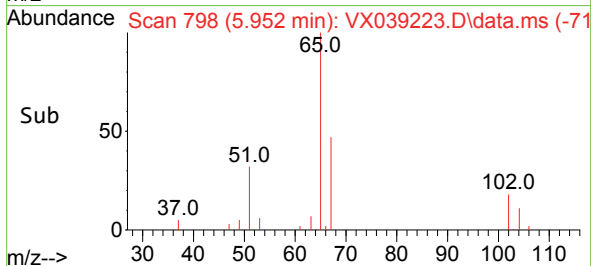
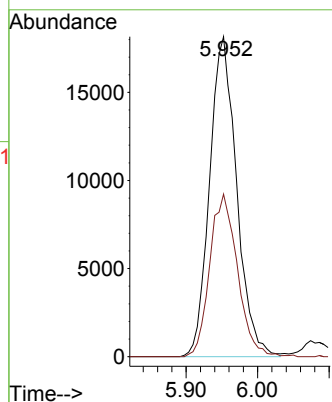
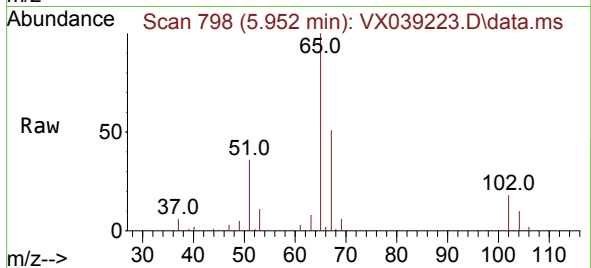
ClientSampleId :

Tgt Ion: 65 Resp: 47671

Ion Ratio Lower Upper

65 100

67 51.7 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: VX039223.D

Acq: 15 Dec 2023 10:38

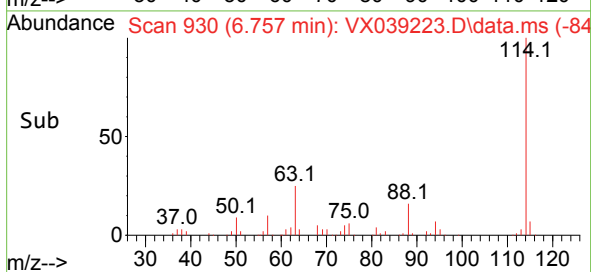
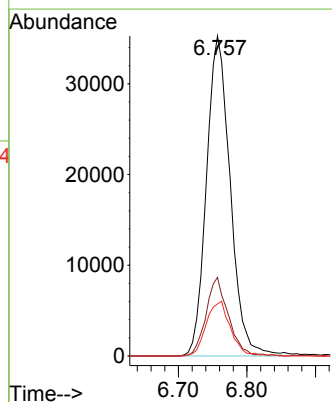
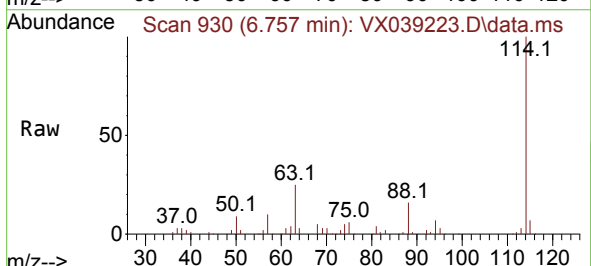
Tgt Ion: 114 Resp: 84947

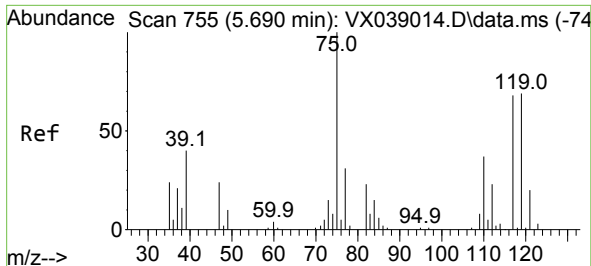
Ion Ratio Lower Upper

114 100

63 22.8 17.0 25.4

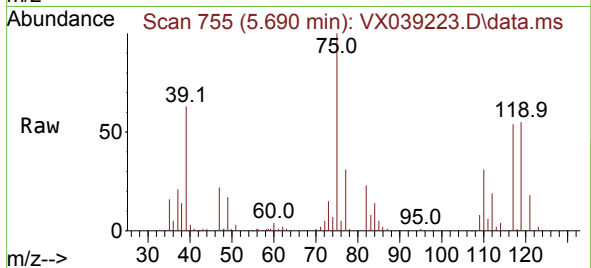
88 17.1 12.7 19.1



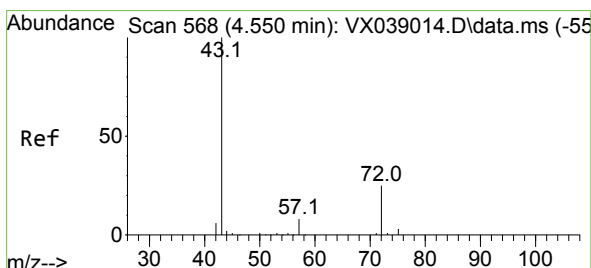
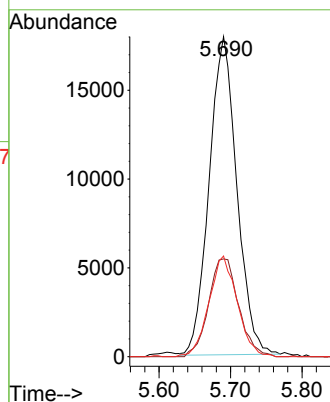
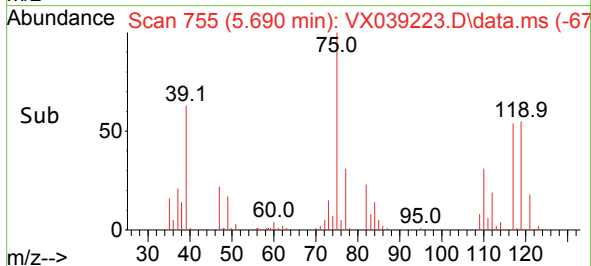


#29
1,1-Dichloropropene
Concen: 20.233 ug/l
RT: 5.690 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :

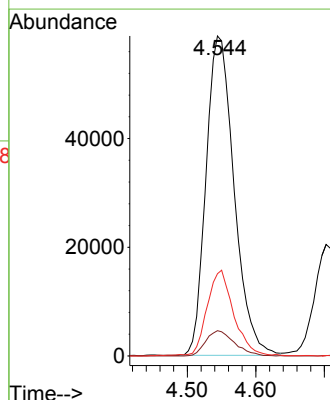
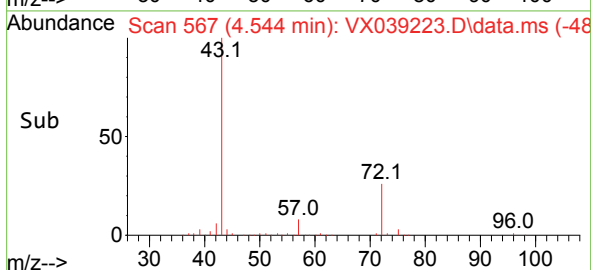
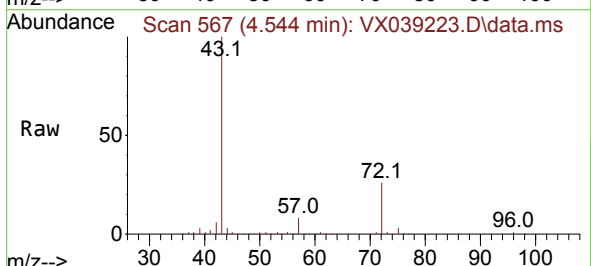


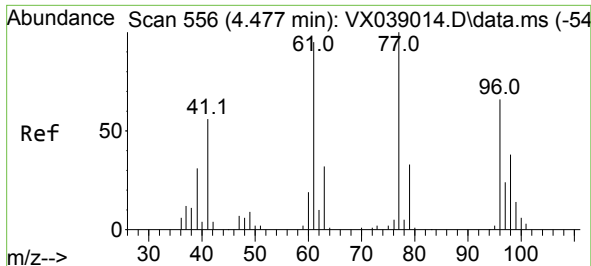
Tgt Ion: 75 Resp: 48181
Ion Ratio Lower Upper
75 100
110 33.4 0.0 71.2
77 32.2 0.0 62.6



#30
2-Butanone
Concen: 93.258 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 43 Resp: 167201
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 25.2 20.6 31.0

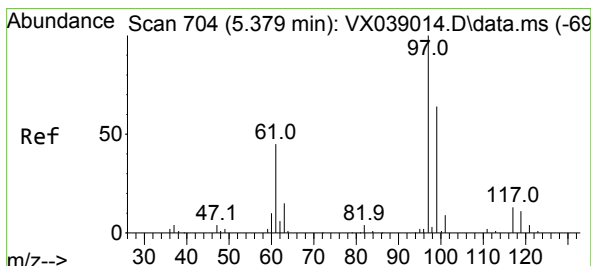
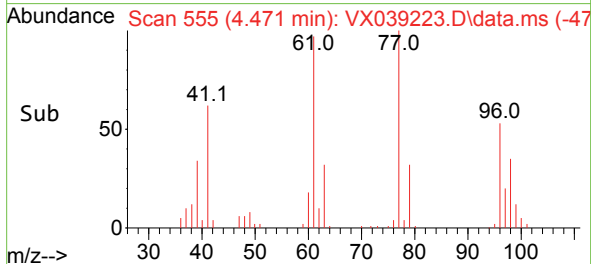
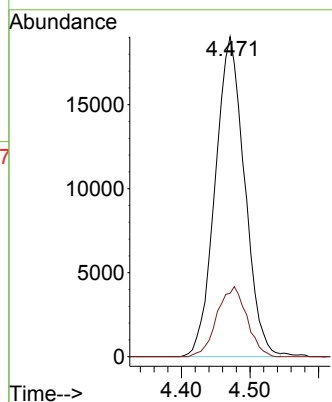
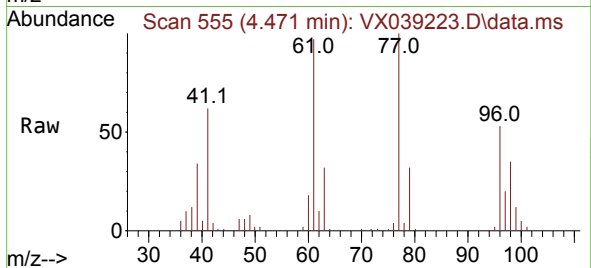




#31
2,2-Dichloropropane
Concen: 20.820 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

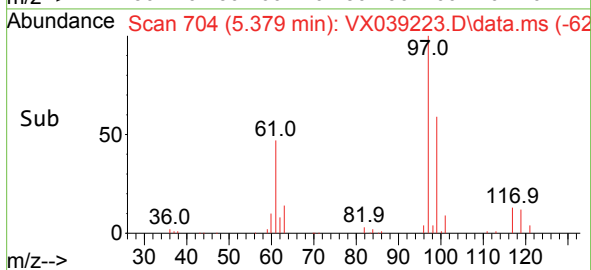
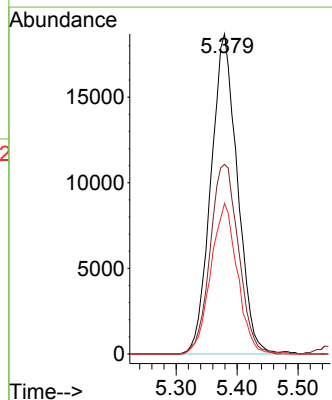
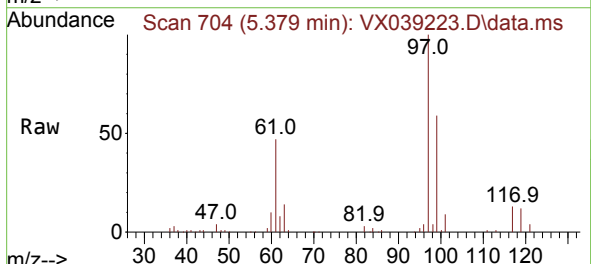
Instrument :
MSVOA_X
ClientSampleId :

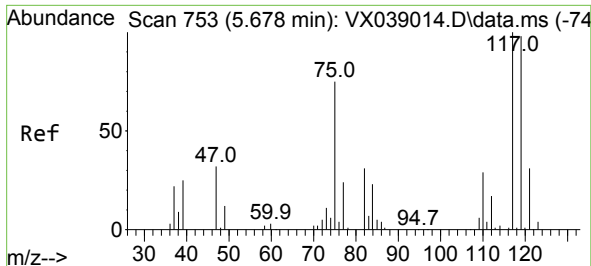
Tgt Ion: 77 Resp: 56687
Ion Ratio Lower Upper
77 100
97 22.2 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 20.490 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 97 Resp: 56396
Ion Ratio Lower Upper
97 100
99 63.4 52.6 79.0
61 47.2 36.9 55.3

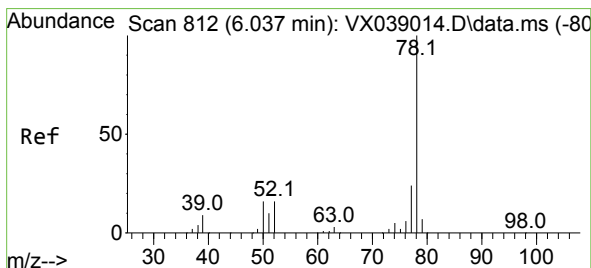
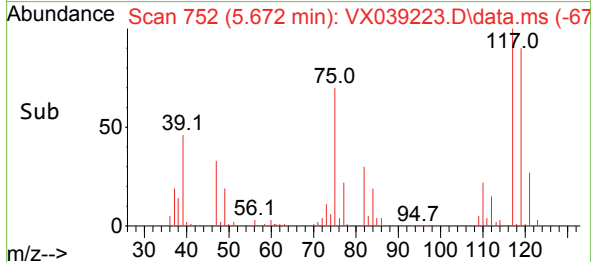
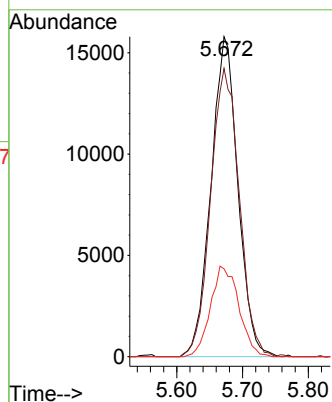
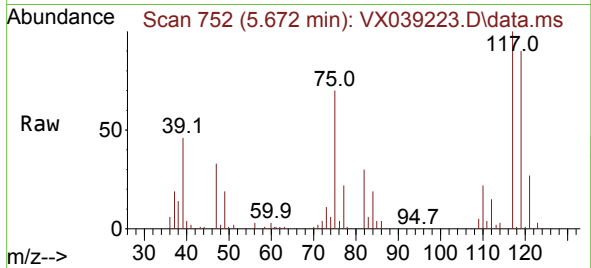




#33
Carbon Tetrachloride
Concen: 19.408 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

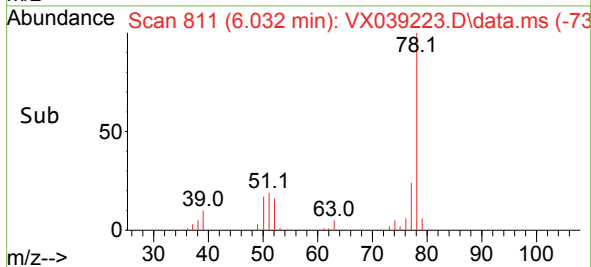
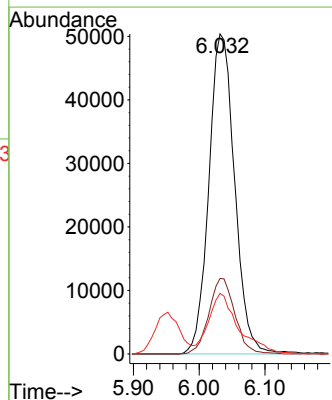
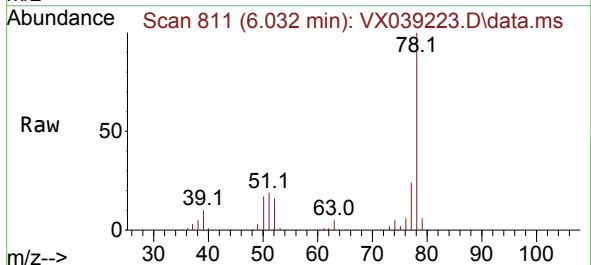
Instrument :
MSVOA_X
ClientSampleId :

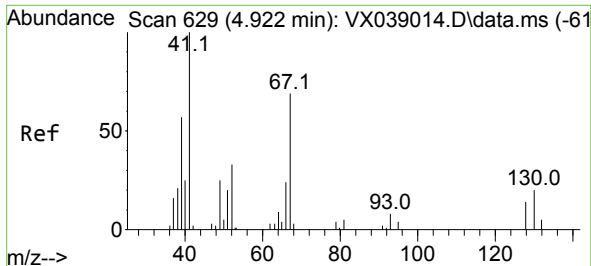
Tgt Ion:117 Resp: 44996
Ion Ratio Lower Upper
117 100
119 90.0 78.2 117.4
121 27.5 24.7 37.1



#34
Benzene
Concen: 19.751 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 78 Resp: 137009
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 18.4 14.4 21.6



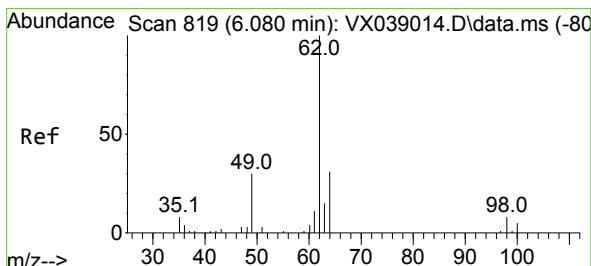
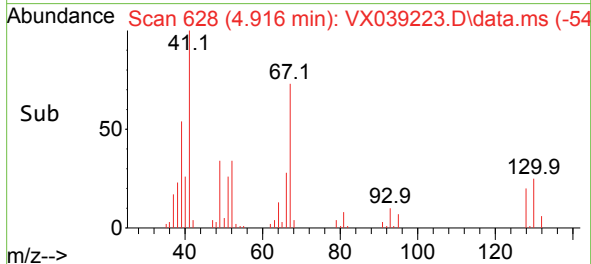
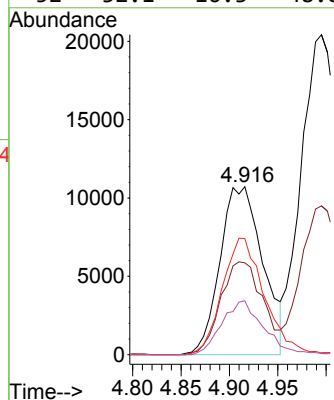
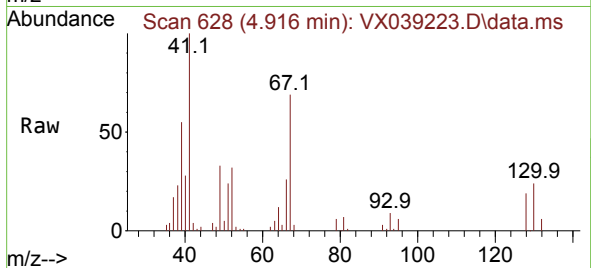


#35
Methacrylonitrile
Concen: 20.823 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 33070

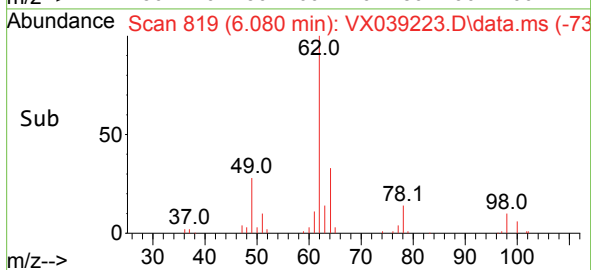
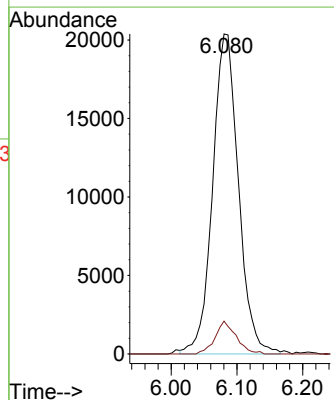
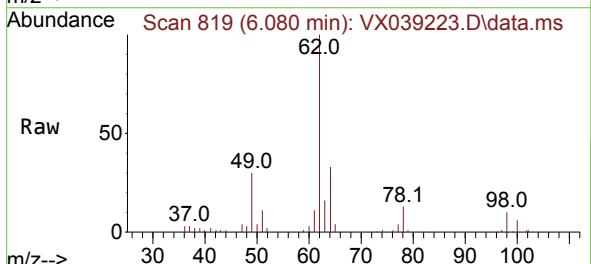
Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.2	84.7
67	69.2	34.5	103.5
52	32.1	16.3	48.8

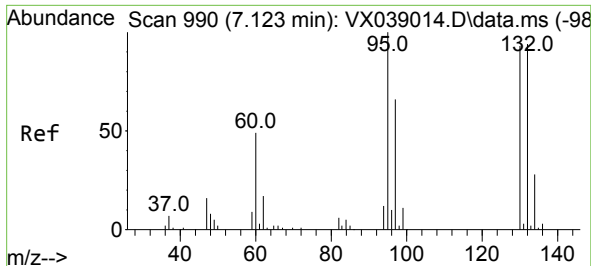


#36
1,2-Dichloroethane
Concen: 21.880 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 62 Resp: 55691

Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.0	10.4





#37

Trichloroethene

Concen: 19.361 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

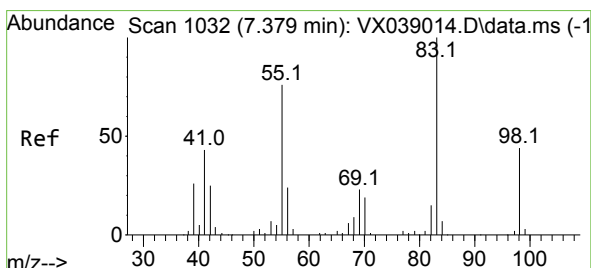
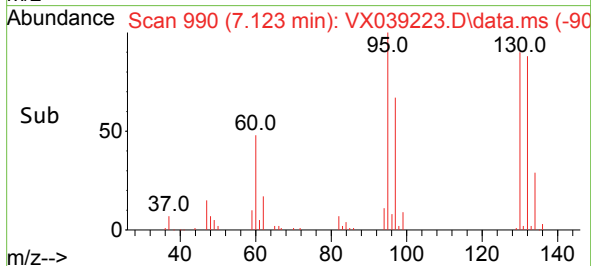
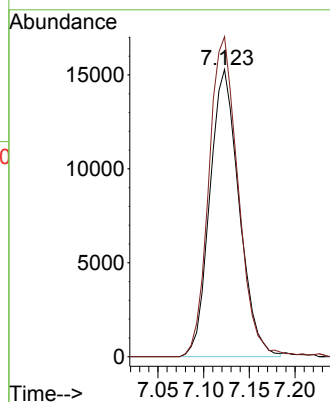
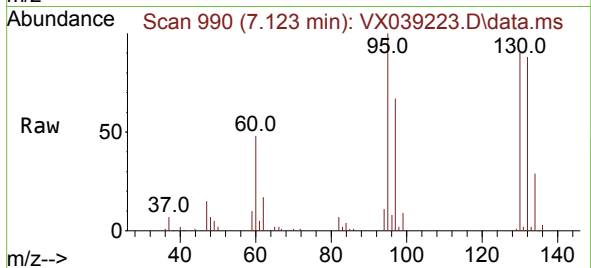
ClientSampleId :

Tgt Ion:130 Resp: 34088

Ion Ratio Lower Upper

130 100

95 111.4 85.8 128.8



#38

Methylcyclohexane

Concen: 19.498 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

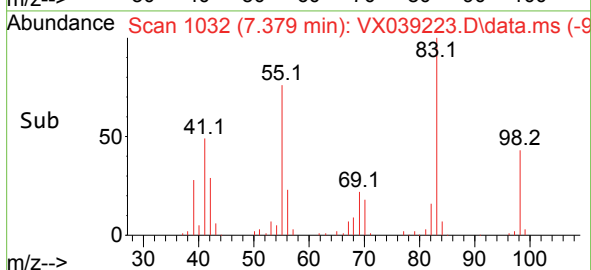
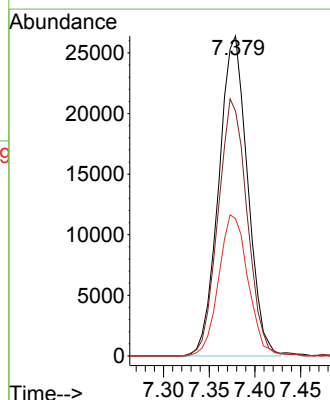
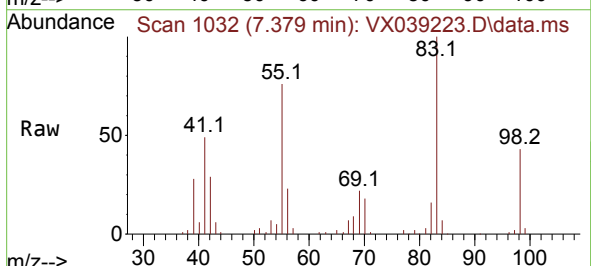
Tgt Ion: 83 Resp: 57852

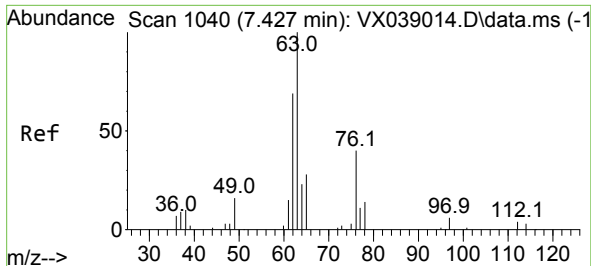
Ion Ratio Lower Upper

83 100

55 81.2 38.6 116.0

98 45.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.638 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

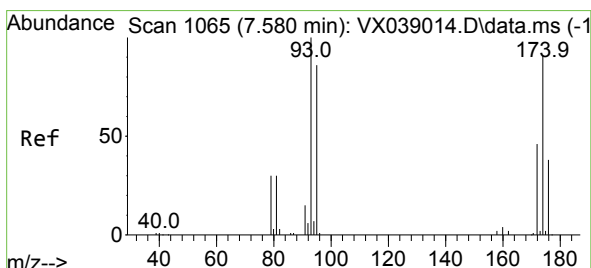
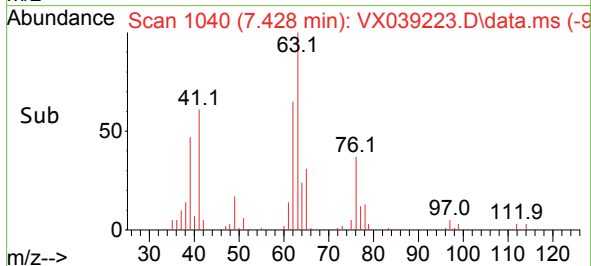
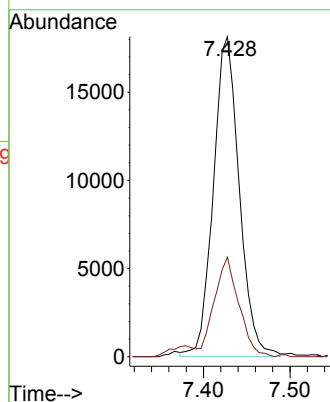
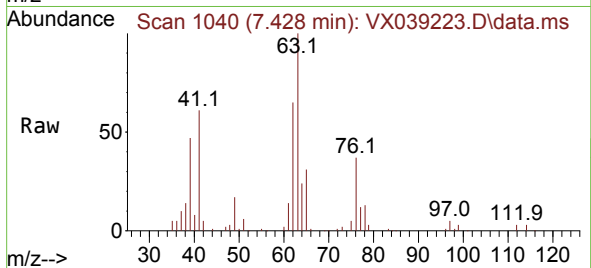
ClientSampleId :

Tgt Ion: 63 Resp: 37756

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#40

Dibromomethane

Concen: 20.120 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

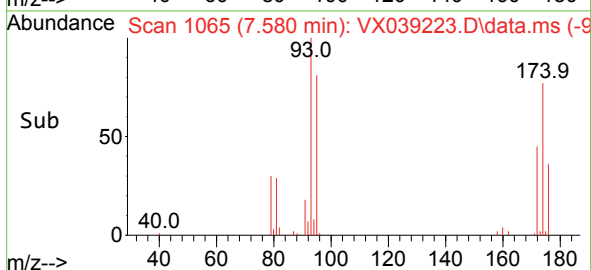
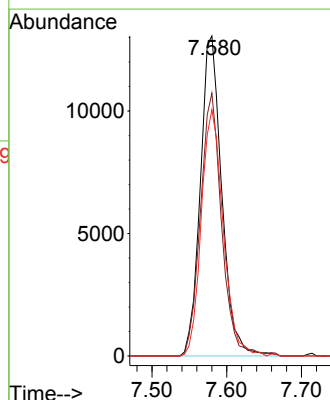
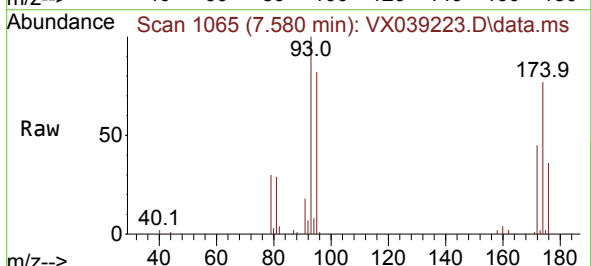
Tgt Ion: 93 Resp: 26008

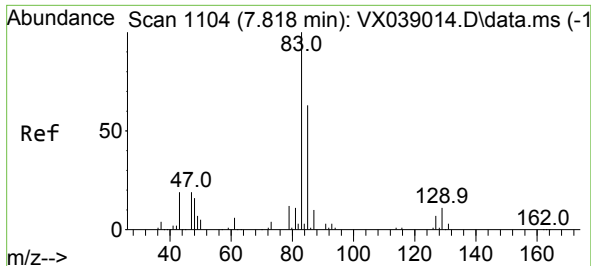
Ion Ratio Lower Upper

93 100

95 80.9 0.0 163.4

174 78.2 0.0 166.4

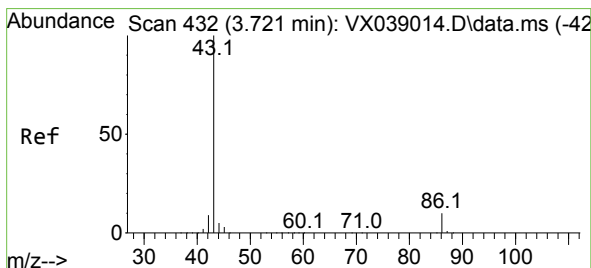
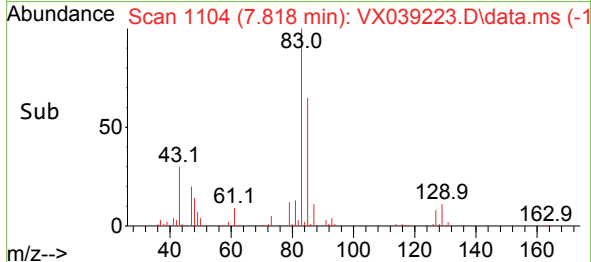
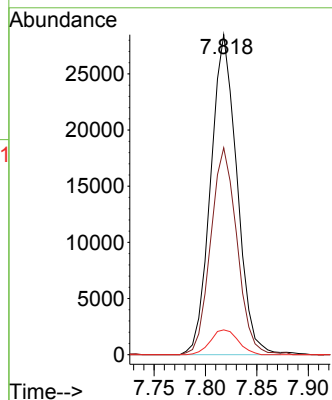
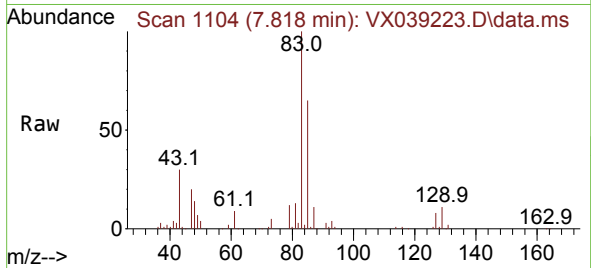




#41
Bromodichloromethane
Concen: 20.385 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

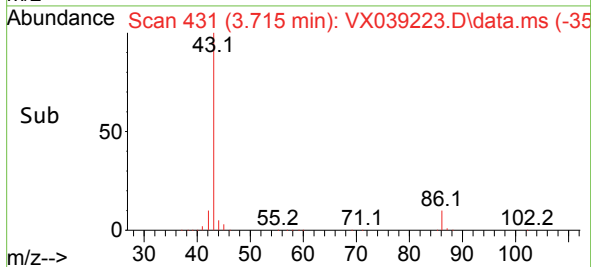
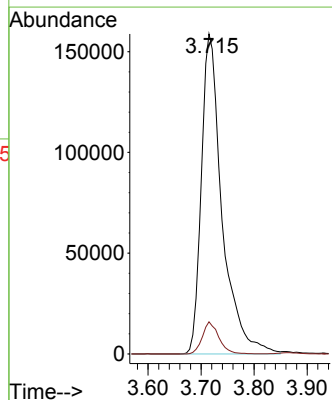
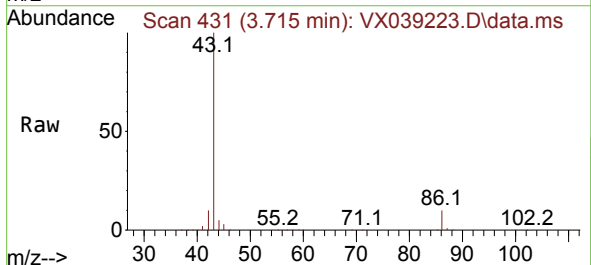
Instrument :
MSVOA_X
ClientSampleId :

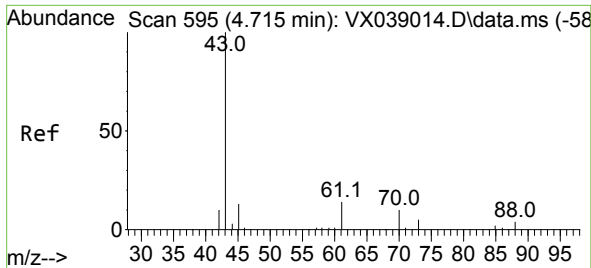
Tgt Ion: 83 Resp: 50623
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 7.7 5.9 8.9



#42
Vinyl Acetate
Concen: 100.947 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 43 Resp: 431073
Ion Ratio Lower Upper
43 100
86 8.0 6.7 10.1

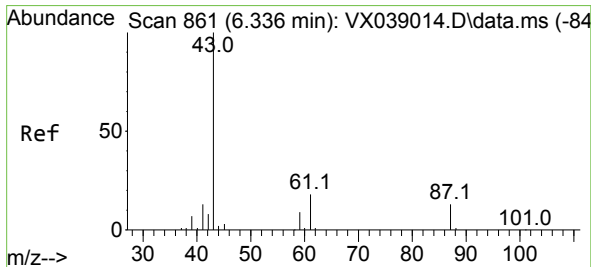
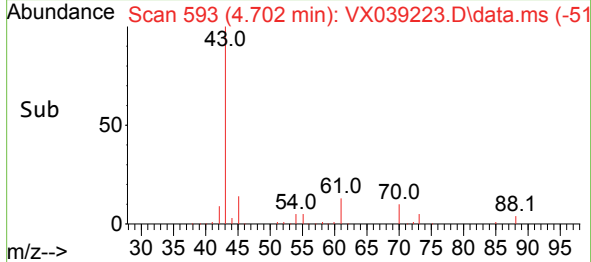
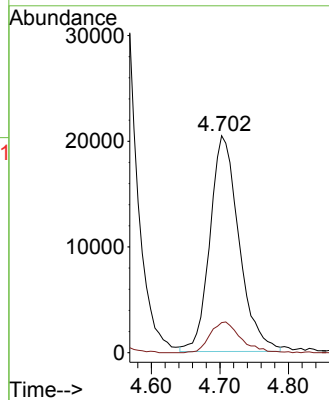
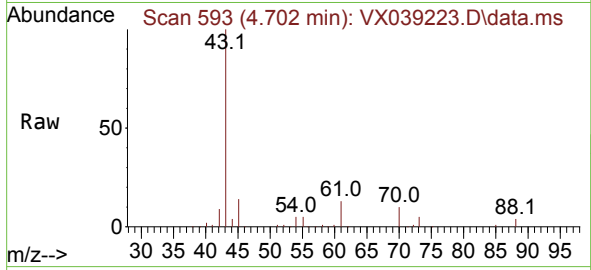




#43
Ethyl Acetate
Concen: 19.528 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

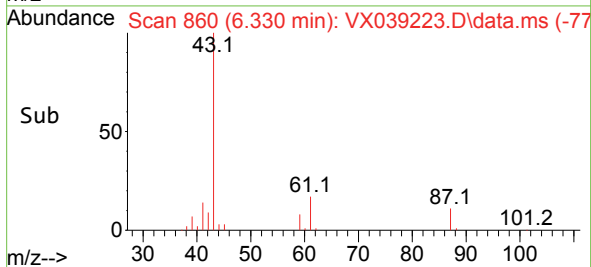
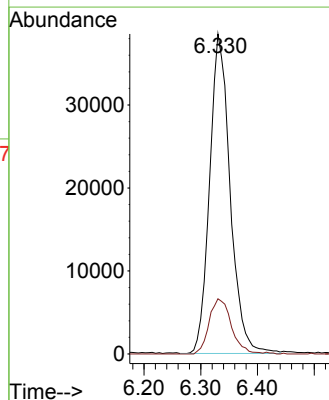
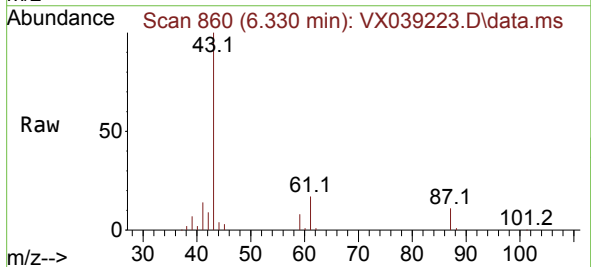
Instrument :
MSVOA_X
ClientSampleId :

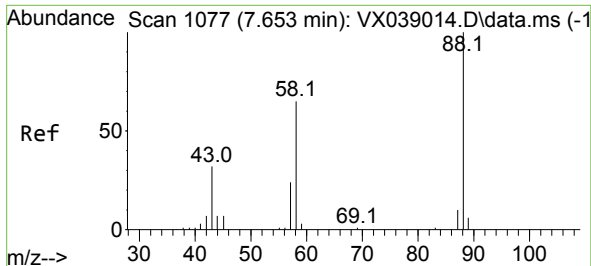
Tgt Ion: 43 Resp: 60234
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.916 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 43 Resp: 96843
Ion Ratio Lower Upper
43 100
61 18.7 15.6 23.4

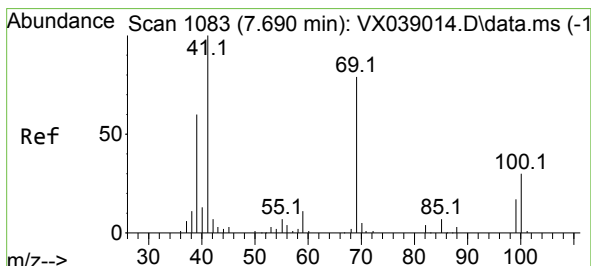
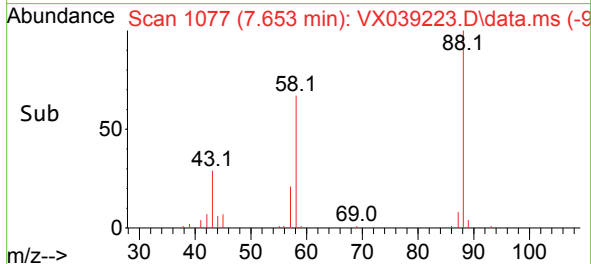
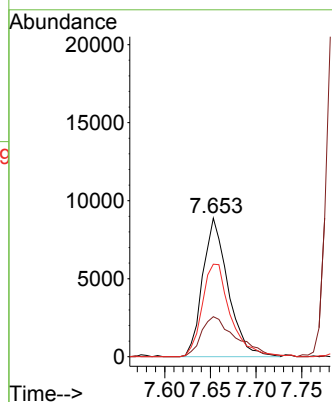
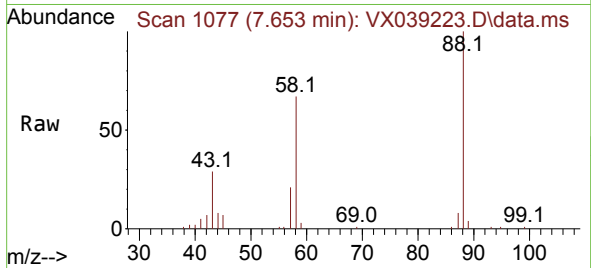




#45
1,4-Dioxane
Concen: 345.538 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

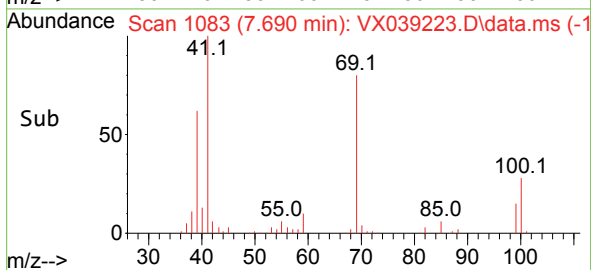
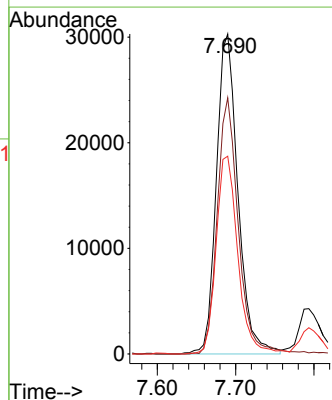
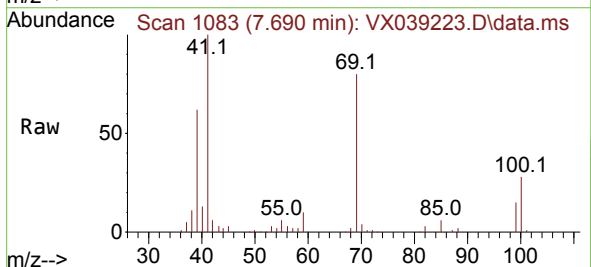
Instrument :
MSVOA_X
ClientSampleId :

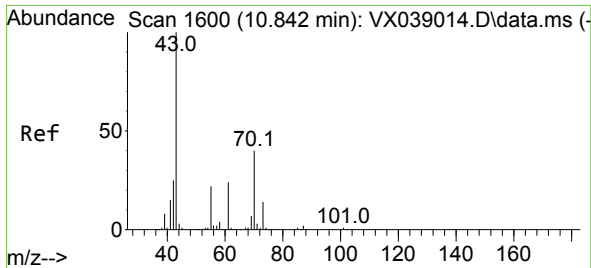
Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.3	28.1	42.1
58	74.0	57.7	86.5



#46
Methyl methacrylate
Concen: 20.860 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

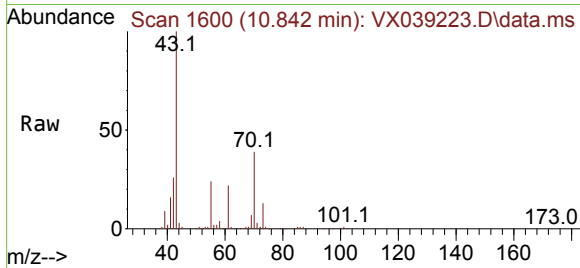
Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.1	39.6	118.8
39	61.8	30.1	90.3



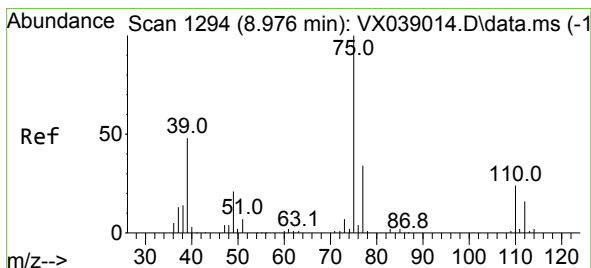
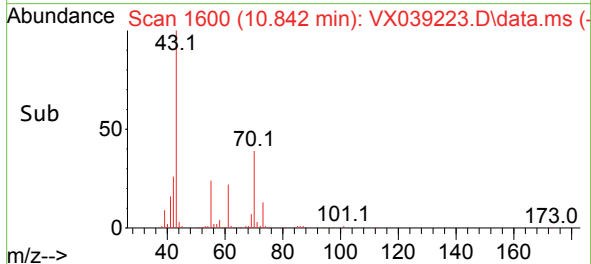
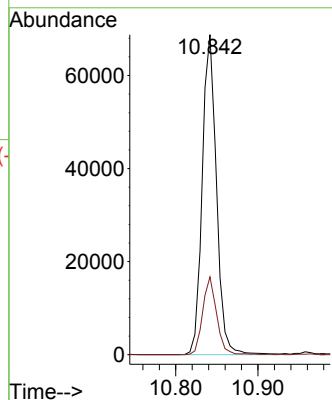


#47
n-amyl acetate
Concen: 20.071 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :

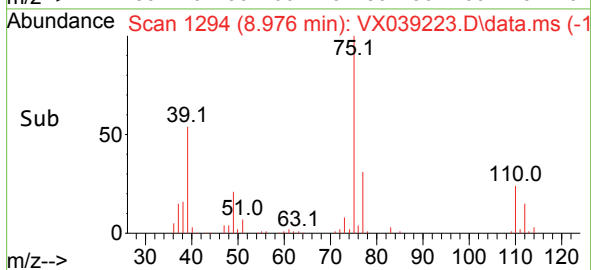
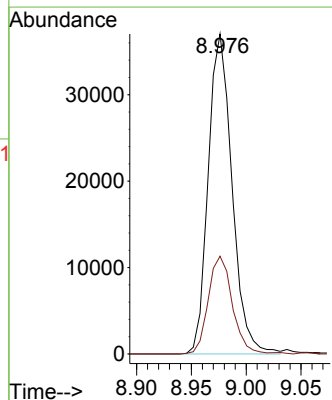
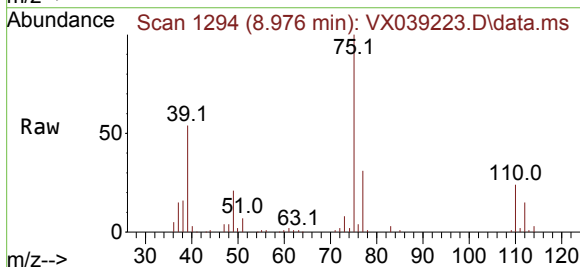


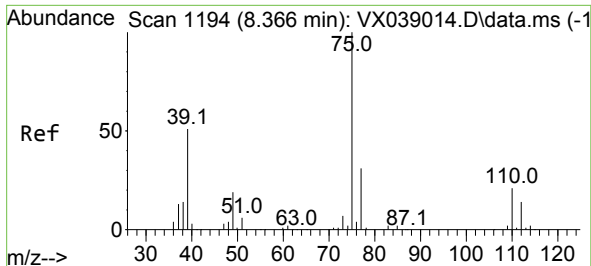
Tgt Ion: 43 Resp: 82603
Ion Ratio Lower Upper
43 100
55 23.6 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 19.456 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 75 Resp: 56023
Ion Ratio Lower Upper
75 100
77 30.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.883 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

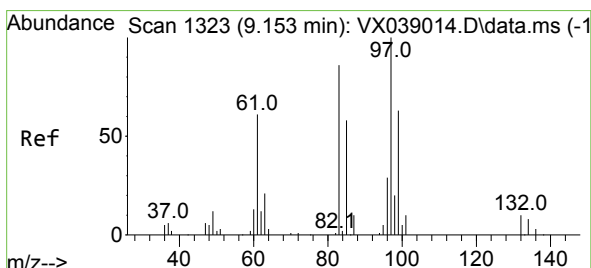
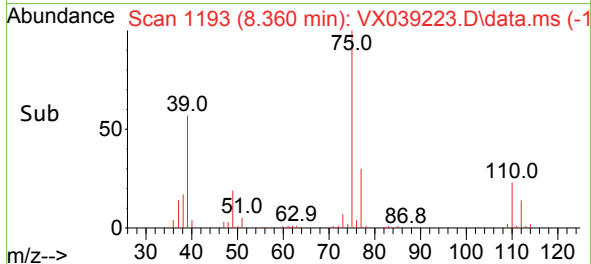
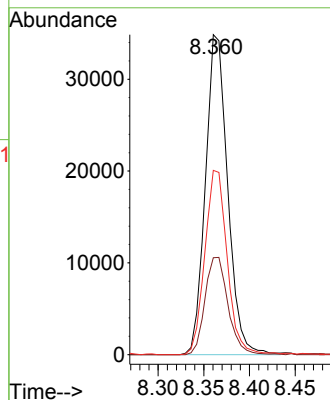
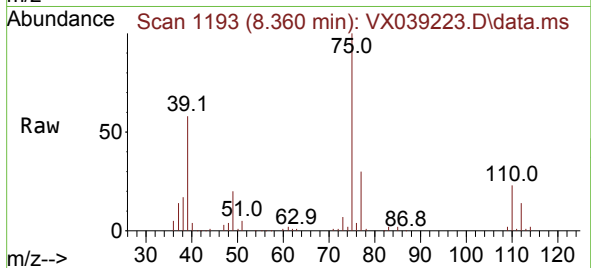
Tgt Ion: 75 Resp: 59060

Ion Ratio Lower Upper

75 100

77 30.3 24.4 36.6

39 57.6 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 19.917 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Tgt Ion: 97 Resp: 34972

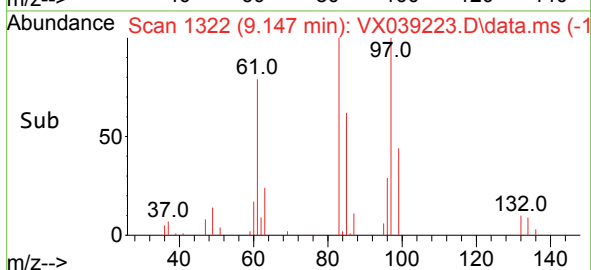
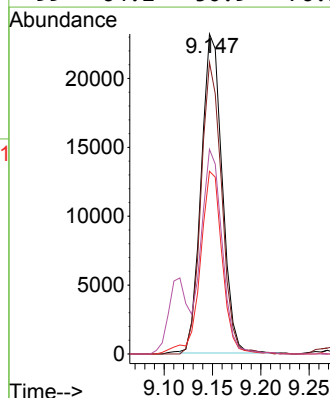
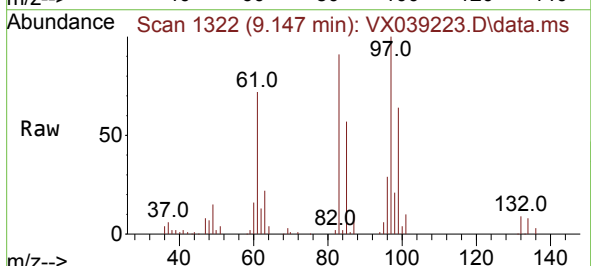
Ion Ratio Lower Upper

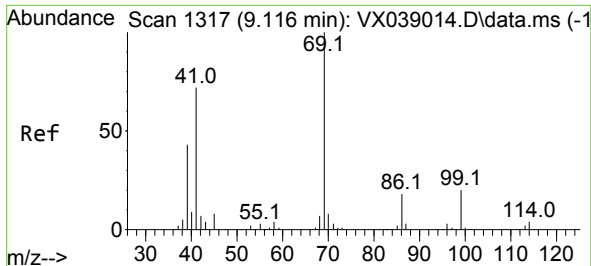
97 100

83 91.4 69.0 103.6

85 57.3 46.3 69.5

99 64.2 50.9 76.3

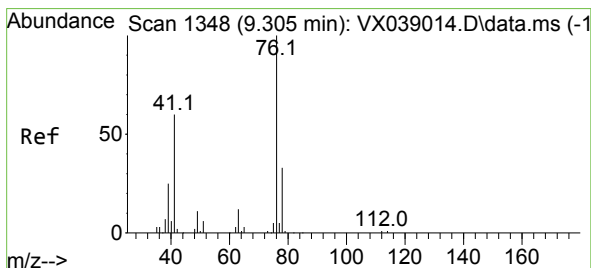
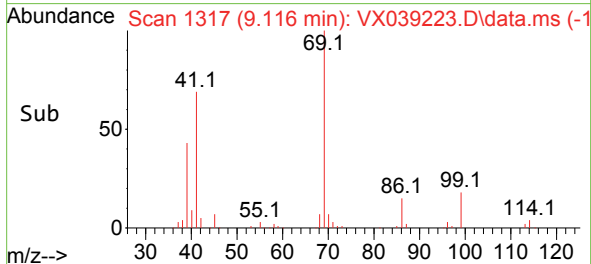
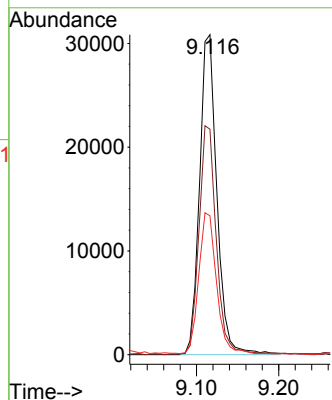
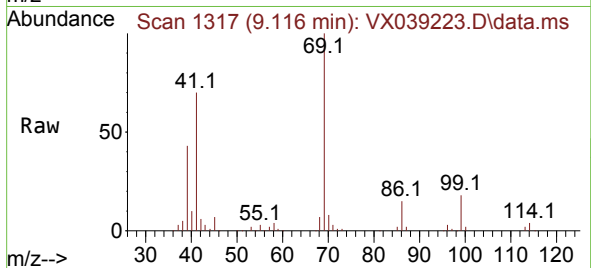




#51
Ethyl methacrylate
Concen: 20.574 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

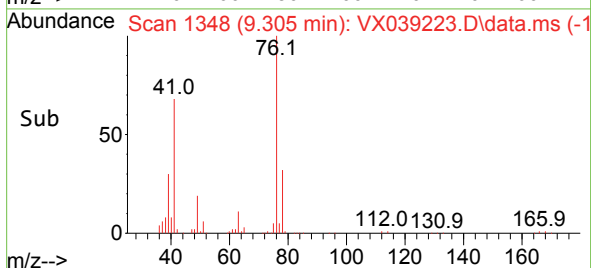
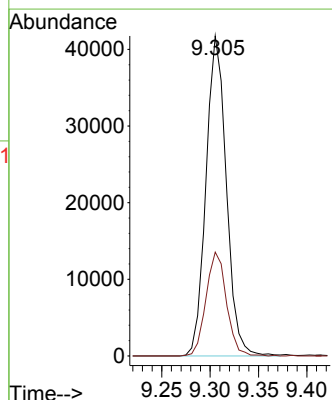
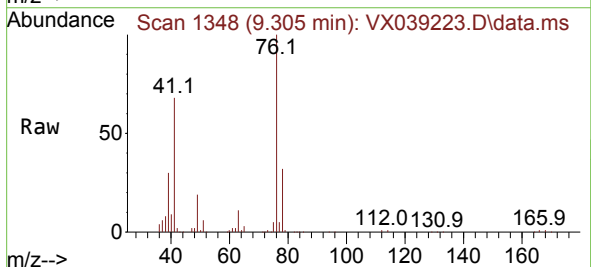
Instrument :
MSVOA_X
ClientSampleId :

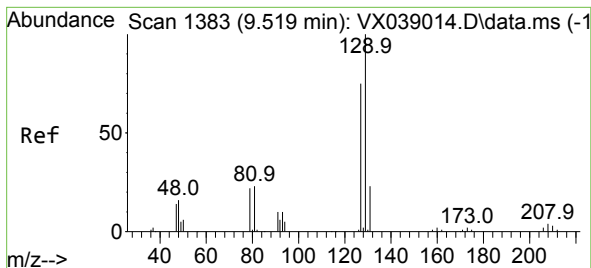
Tgt Ion: 69 Resp: 45222
Ion Ratio Lower Upper
69 100
41 70.2 36.2 108.6
39 43.1 21.1 63.4



#52
1,3-Dichloropropane
Concen: 20.362 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 76 Resp: 61309
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.0





#53

Dibromochloromethane

Concen: 19.090 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

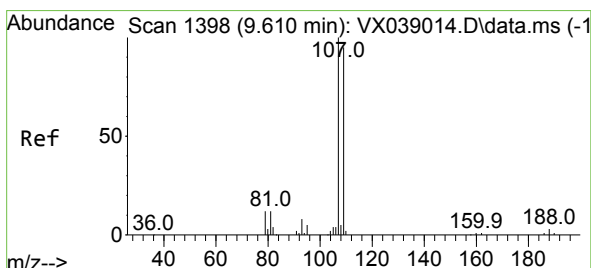
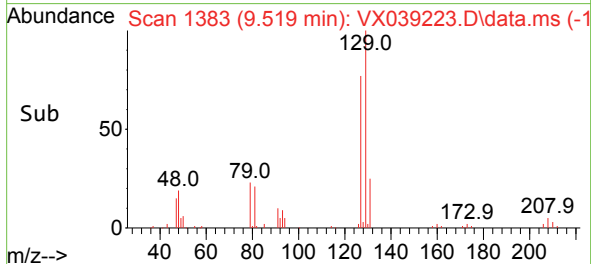
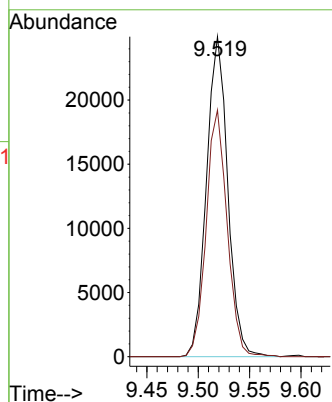
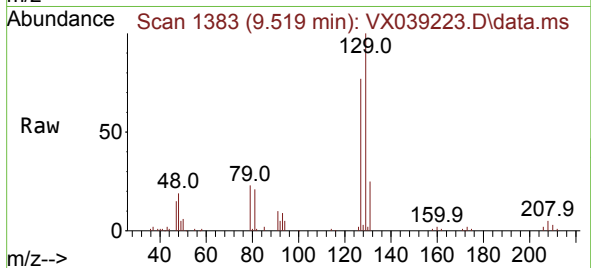
ClientSampleId :

Tgt Ion:129 Resp: 36000

Ion Ratio Lower Upper

129 100

127 75.7 38.3 114.9



#54

1,2-Dibromoethane

Concen: 19.898 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039223.D

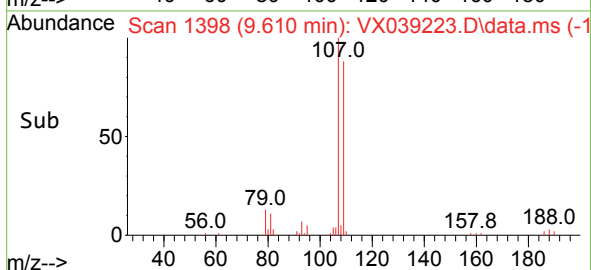
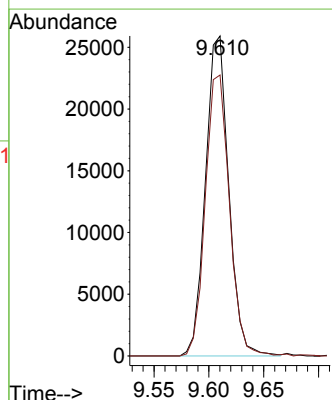
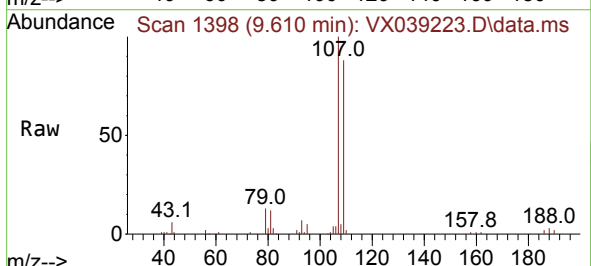
Acq: 15 Dec 2023 10:38

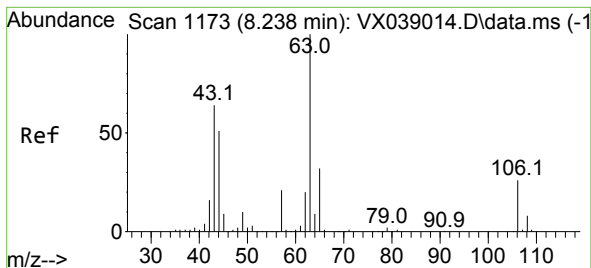
Tgt Ion:107 Resp: 38315

Ion Ratio Lower Upper

107 100

109 90.7 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 115.769 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

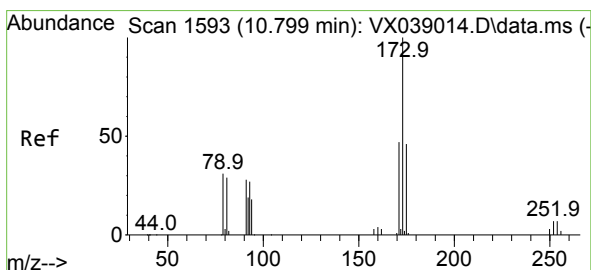
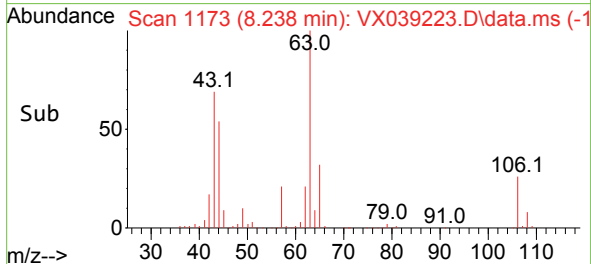
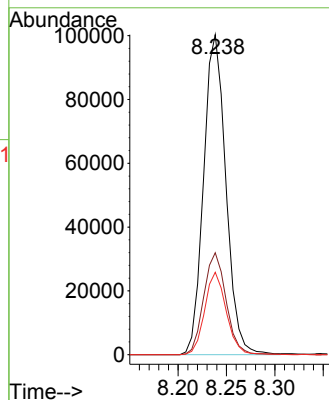
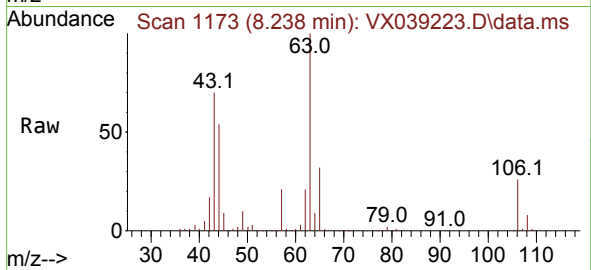
Tgt Ion: 63 Resp: 161291

Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.6

106 24.9 20.6 31.0



#56

Bromoform

Concen: 17.454 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

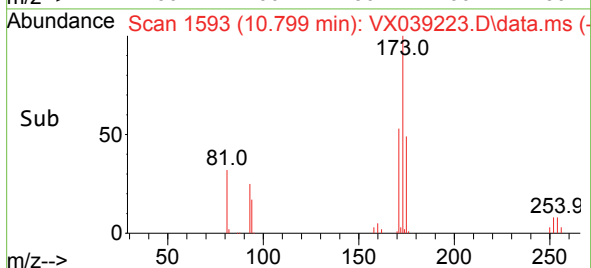
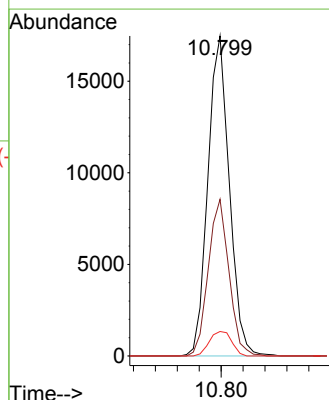
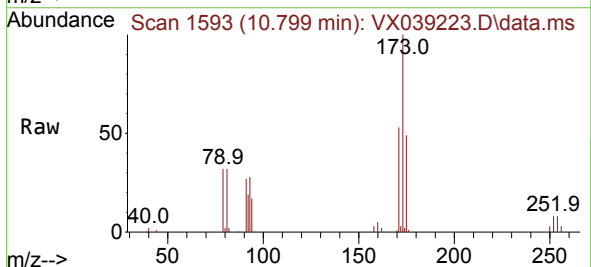
Tgt Ion:173 Resp: 23756

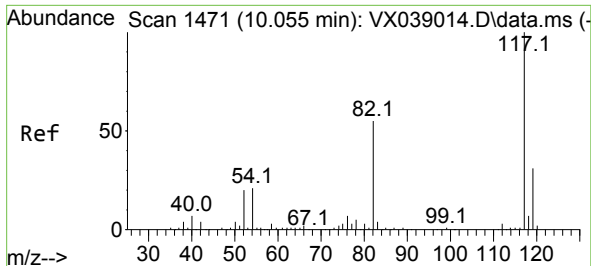
Ion Ratio Lower Upper

173 100

175 47.2 37.6 56.4

254 8.0 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: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

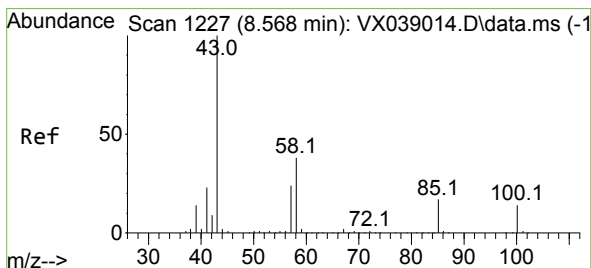
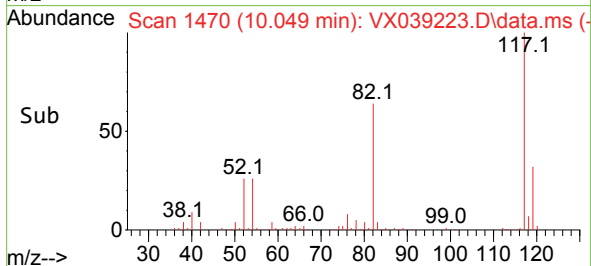
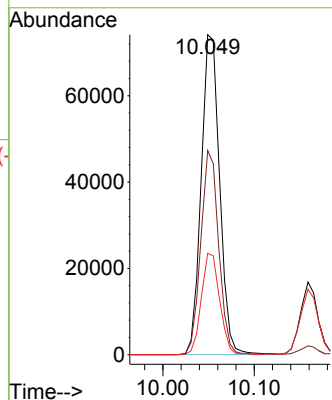
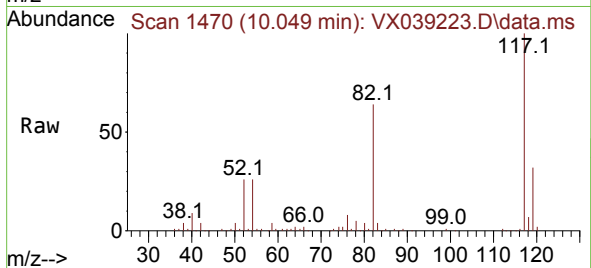
Tgt Ion:117 Resp: 103663

Ion Ratio Lower Upper

117 100

82 61.8 47.0 70.6

119 31.3 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 104.590 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

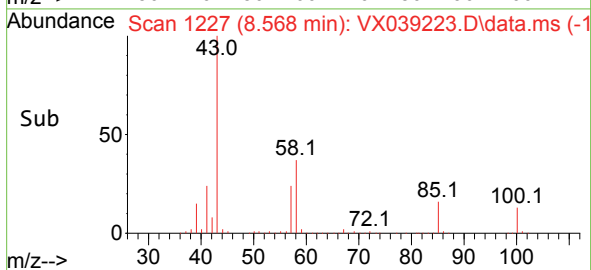
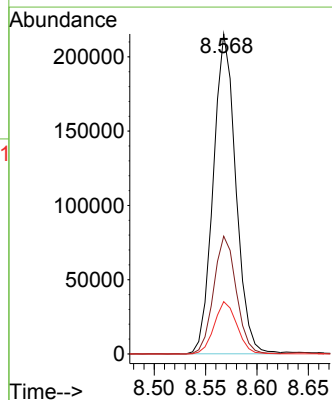
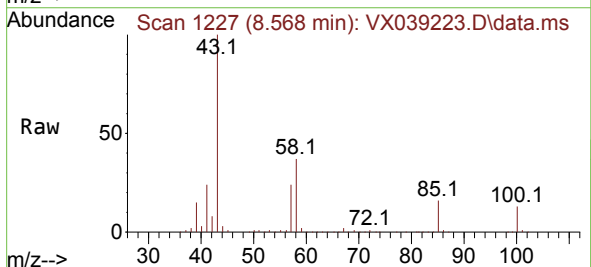
Tgt Ion: 43 Resp: 328786

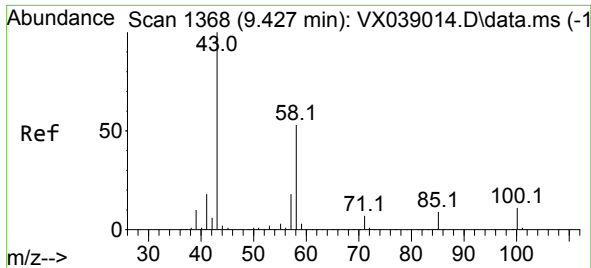
Ion Ratio Lower Upper

43 100

58 37.0 30.1 45.1

85 16.5 13.9 20.9

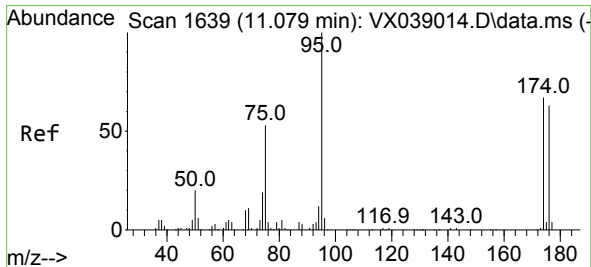
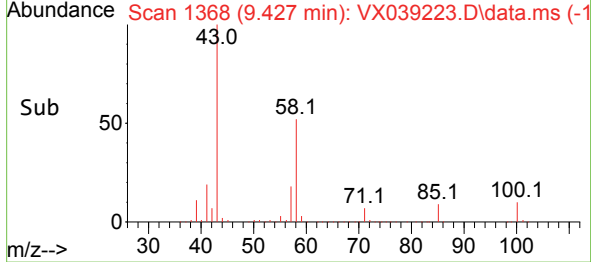
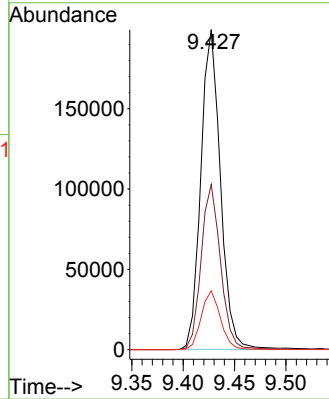
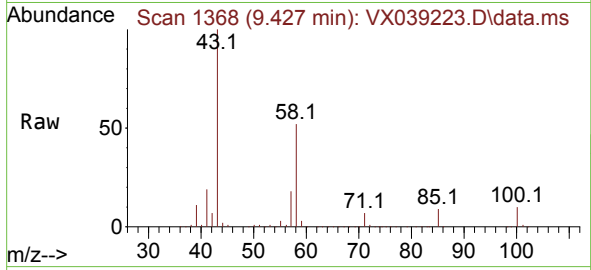




#59
2-Hexanone
Concen: 102.442 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

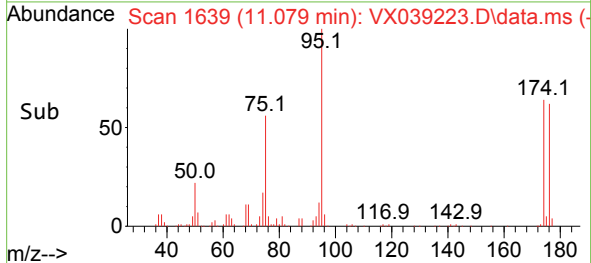
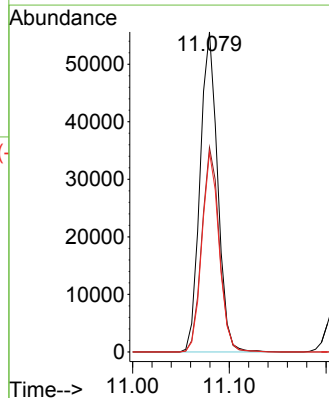
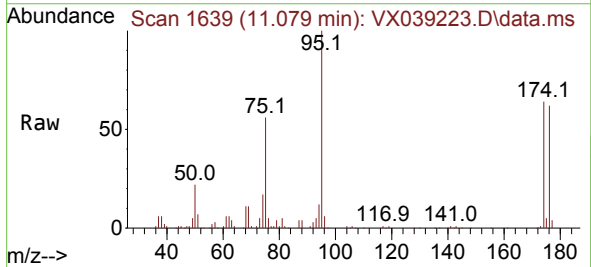
Instrument :
MSVOA_X
ClientSampleId :

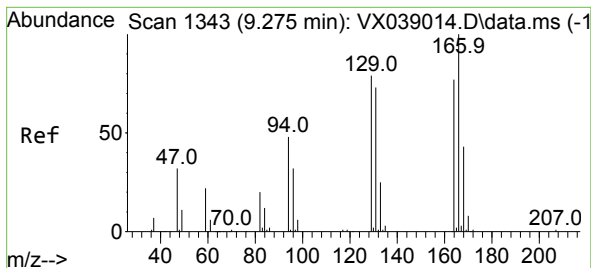
Tgt Ion: 43 Resp: 264338
Ion Ratio Lower Upper
43 100
58 51.1 42.7 64.1
57 18.2 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 31.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 95 Resp: 70250
Ion Ratio Lower Upper
95 100
174 63.9 55.4 83.2
176 61.2 52.6 78.8





#61

Tetrachloroethene

Concen: 19.901 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

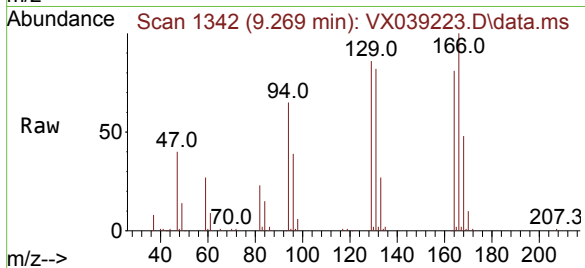
Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 26822

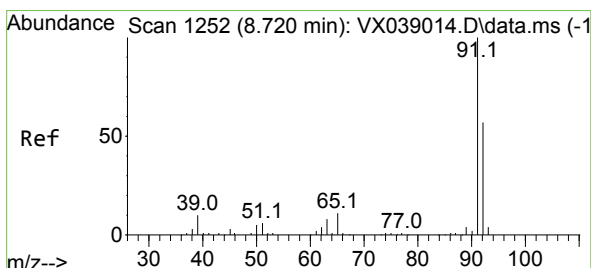
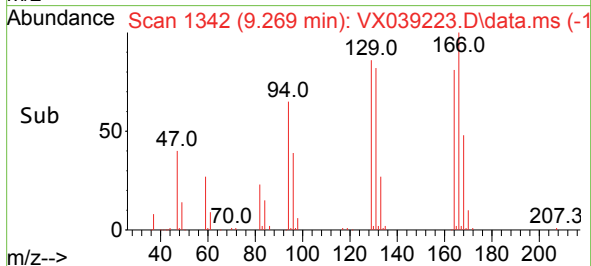
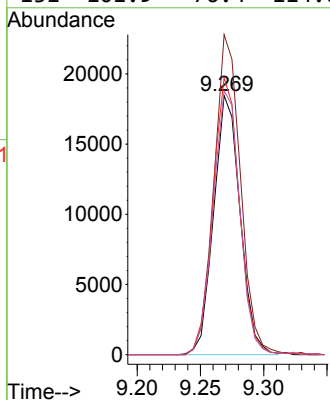
Ion Ratio Lower Upper

164 100

166 123.5 104.0 156.0

129 106.8 82.0 123.0

131 101.9 76.4 114.6



#62

Toluene

Concen: 20.287 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039223.D

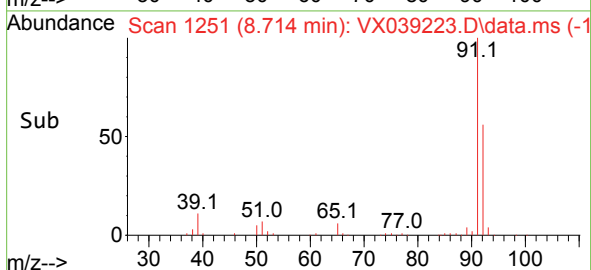
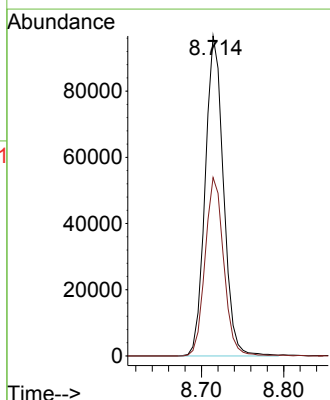
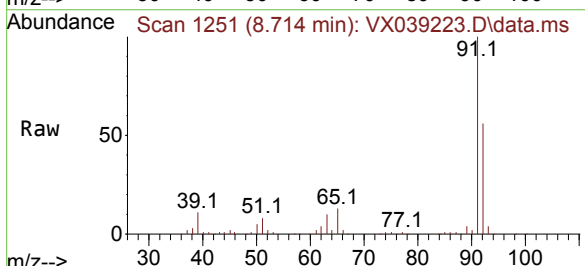
Acq: 15 Dec 2023 10:38

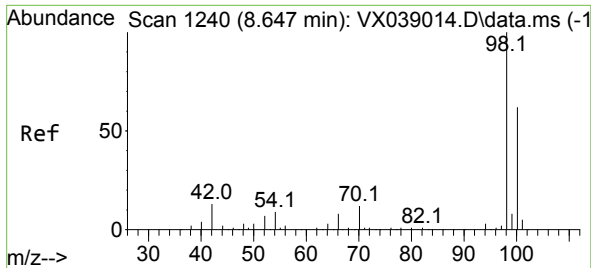
Tgt Ion: 91 Resp: 149306

Ion Ratio Lower Upper

91 100

92 56.7 45.9 68.9

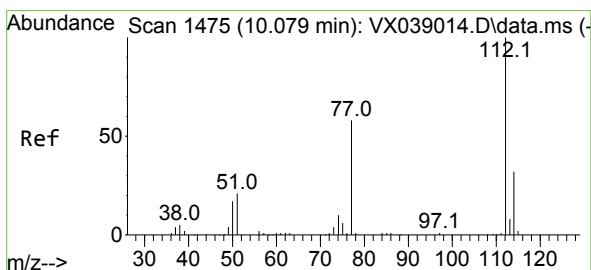
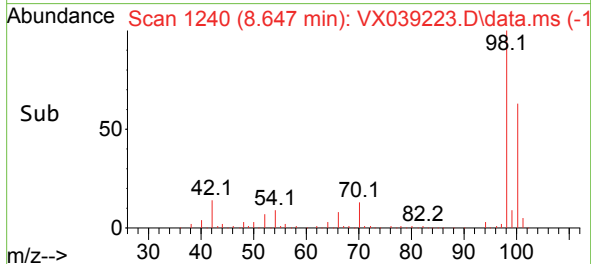
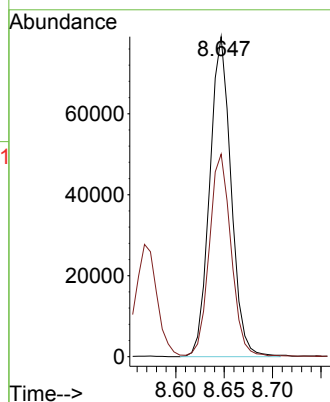
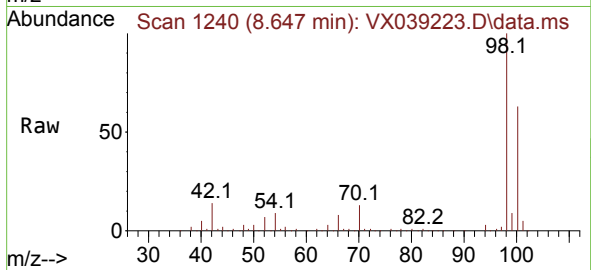




#63
Toluene-d8
Concen: 29.676 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

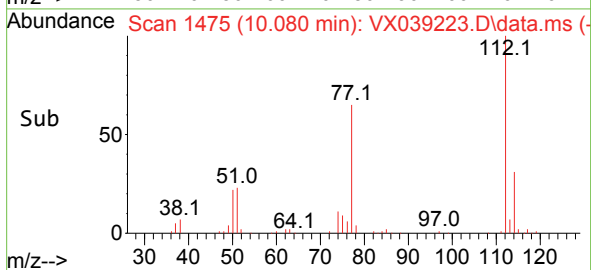
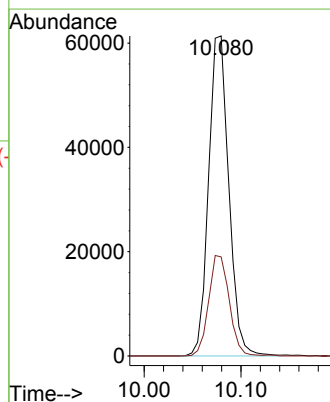
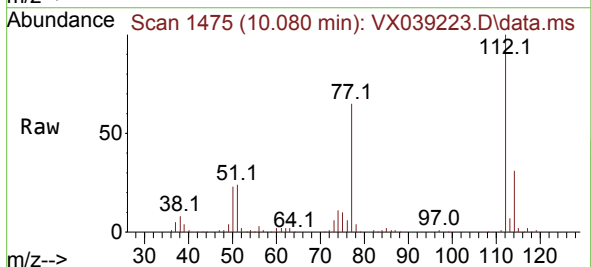
Instrument :
MSVOA_X
ClientSampleId :

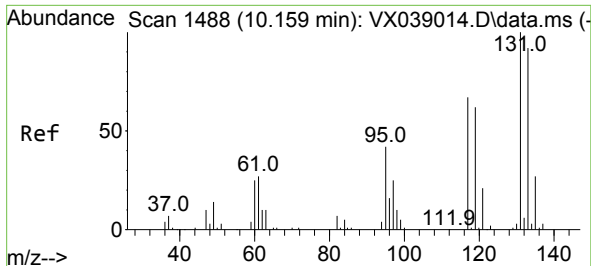
Tgt Ion: 98 Resp: 121628
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4



#64
Chlorobenzene
Concen: 19.893 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 112 Resp: 89058
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9

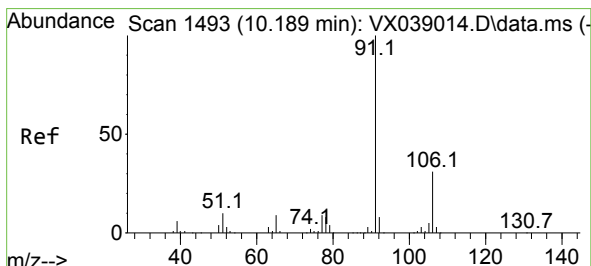
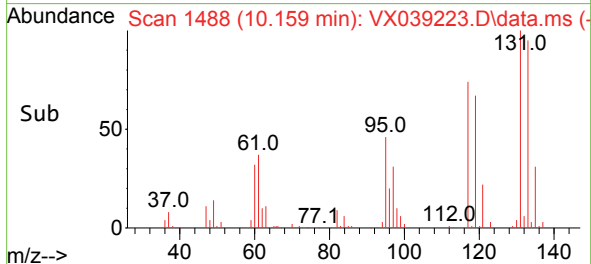
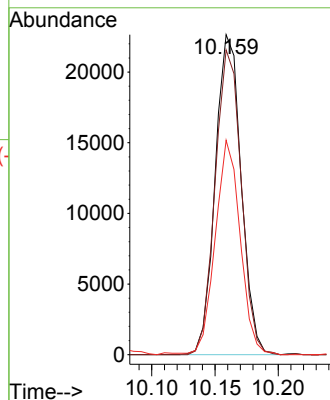
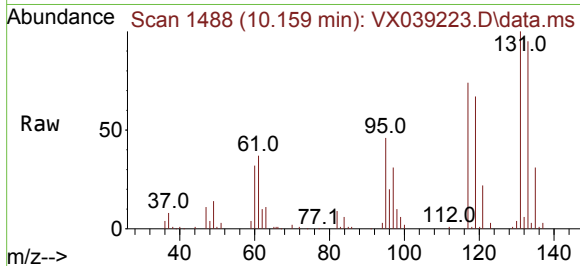




#65
1,1,1,2-Tetrachloroethane
Concen: 20.022 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

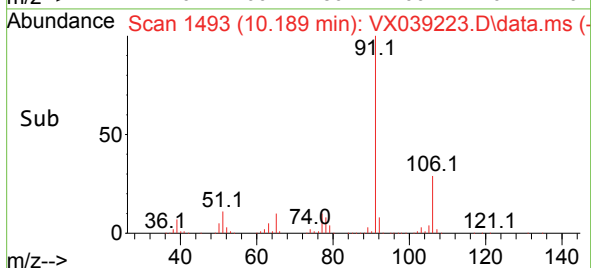
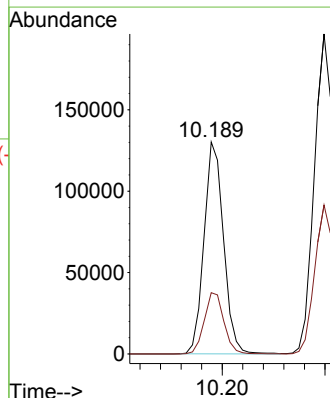
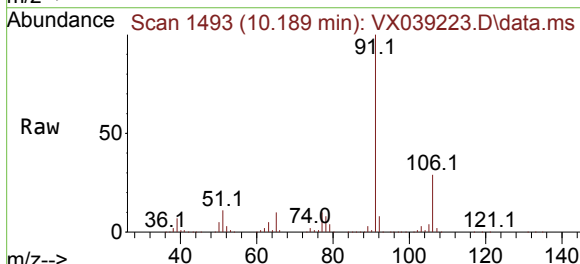
Instrument :
MSVOA_X
ClientSampleId :

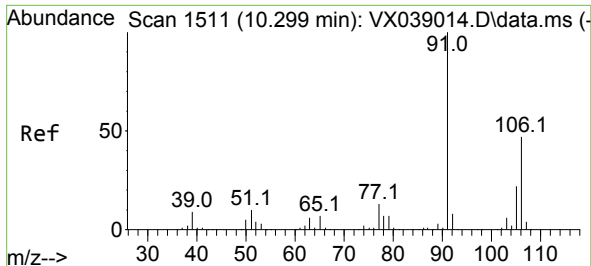
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	0.0	191.8
119	64.3	0.0	135.4



#66
Ethyl Benzene
Concen: 20.519 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.4	36.6





#67

m/p-Xylenes

Concen: 40.158 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

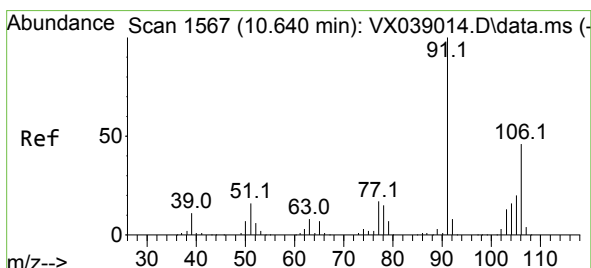
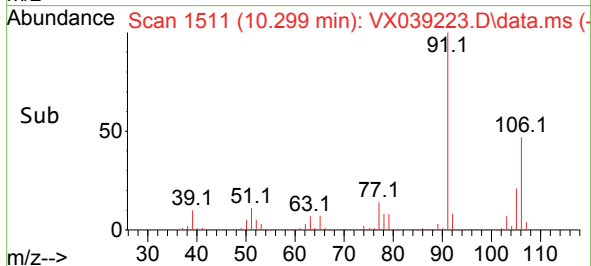
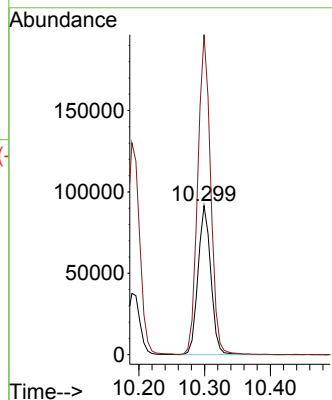
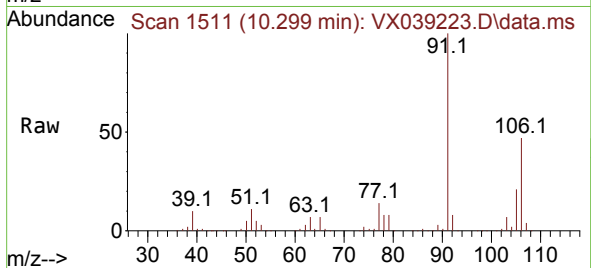
ClientSampleId :

Tgt Ion:106 Resp: 124359

Ion Ratio Lower Upper

106 100

91 215.3 169.4 254.0



#68

o-Xylene

Concen: 19.892 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039223.D

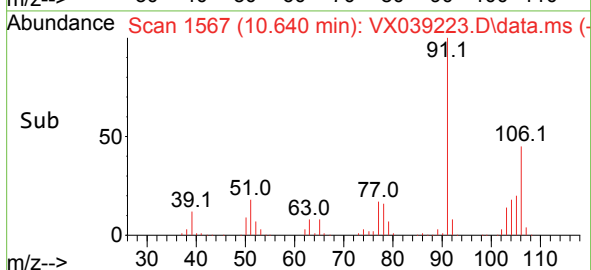
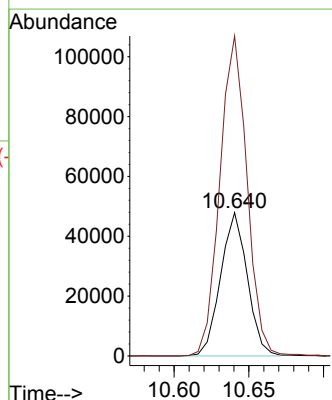
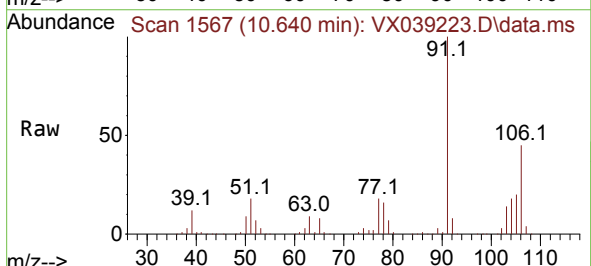
Acq: 15 Dec 2023 10:38

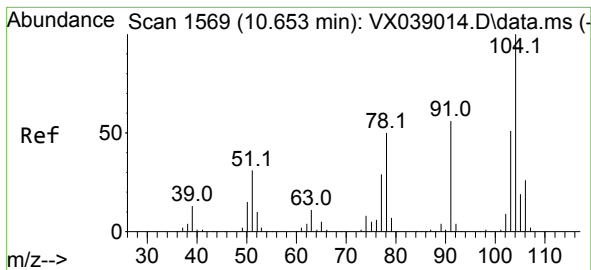
Tgt Ion:106 Resp: 59671

Ion Ratio Lower Upper

106 100

91 226.5 111.2 333.6





#69

Styrene

Concen: 19.736 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

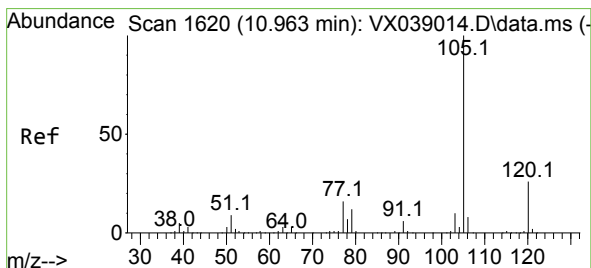
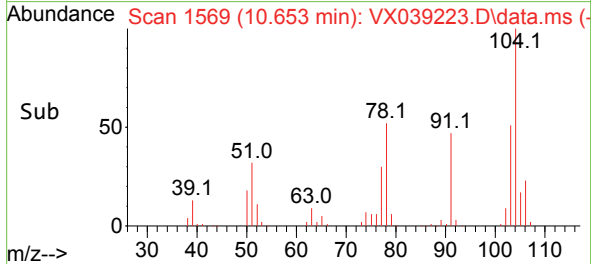
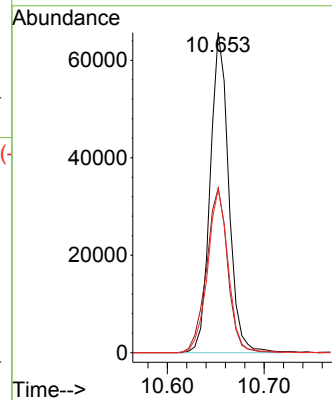
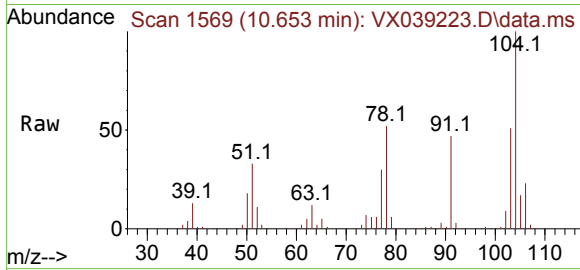
Tgt Ion:104 Resp: 87619

Ion Ratio Lower Upper

104 100

78 58.7 43.7 65.5

103 56.8 44.6 67.0



#70

Isopropylbenzene

Concen: 20.569 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039223.D

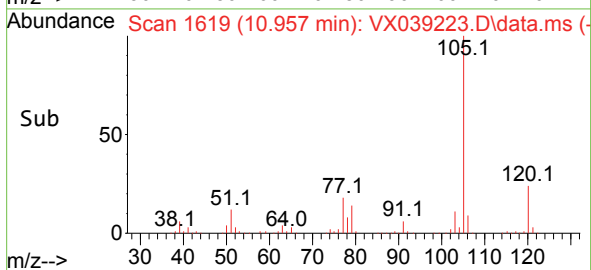
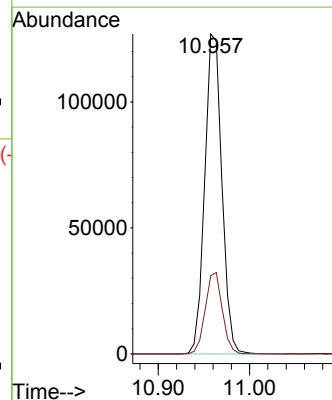
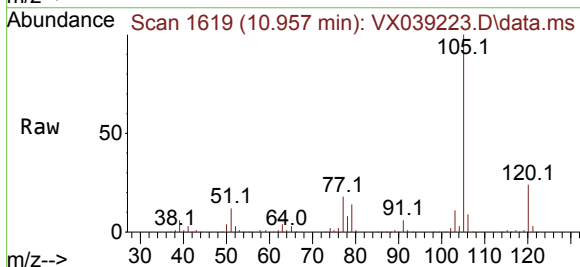
Acq: 15 Dec 2023 10:38

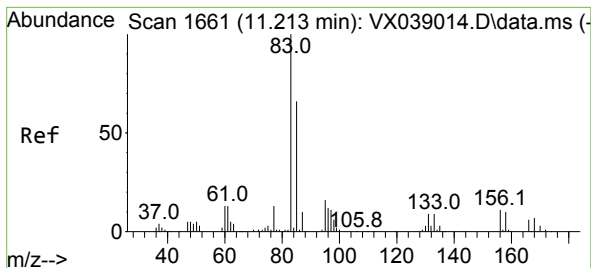
Tgt Ion:105 Resp: 165085

Ion Ratio Lower Upper

105 100

120 25.3 18.5 34.3

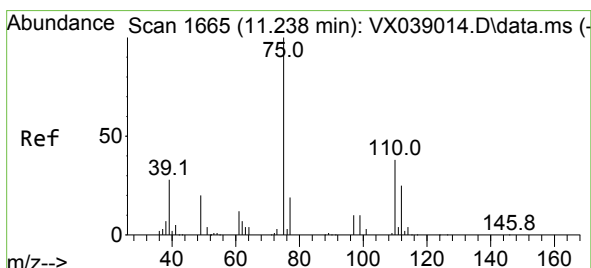
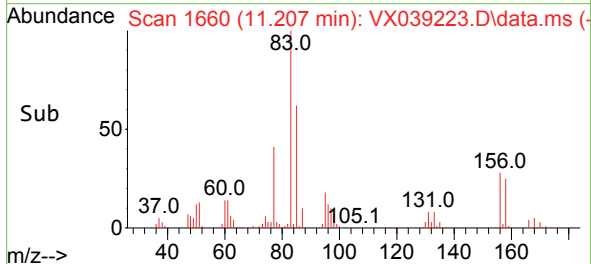
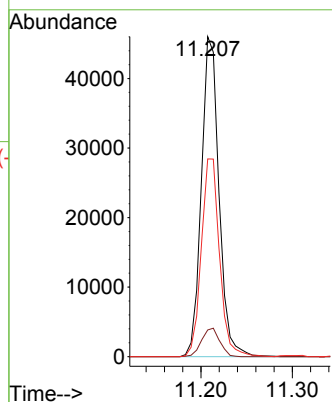
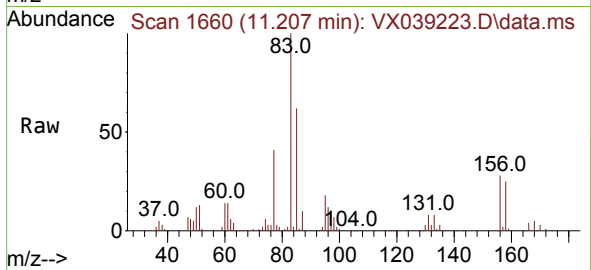




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.544 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: VX039223.D
 Acq: 15 Dec 2023 10:38

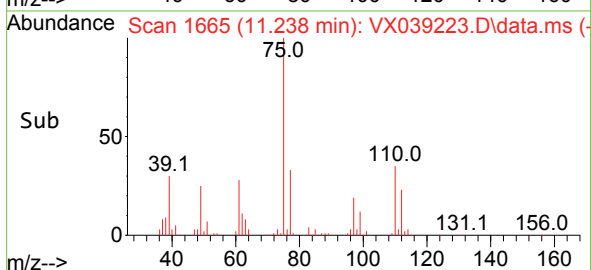
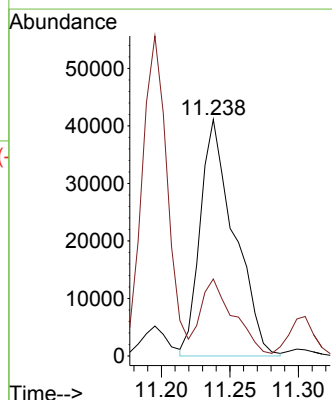
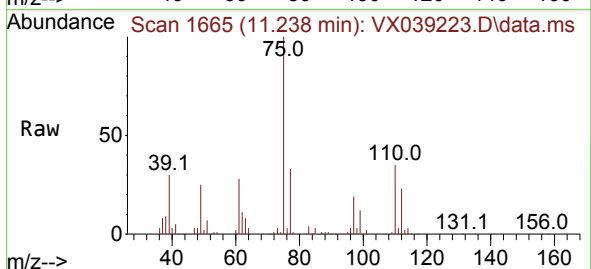
Instrument :
 MSVOA_X
 ClientSampleId :

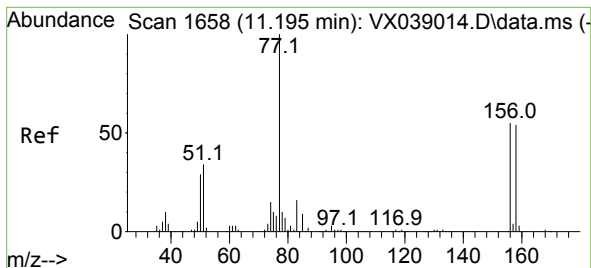
Tgt Ion: 83 Resp: 61552
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.6 13.8
 85 64.0 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 28.090 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX039223.D
 Acq: 15 Dec 2023 10:38

Tgt Ion: 75 Resp: 71217
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 76.4





#73

Bromobenzene

Concen: 20.392 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039223.D

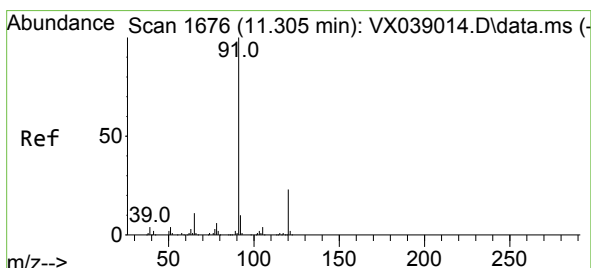
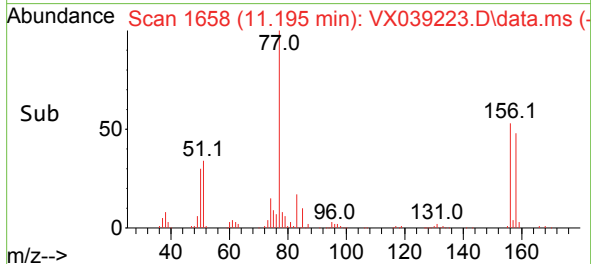
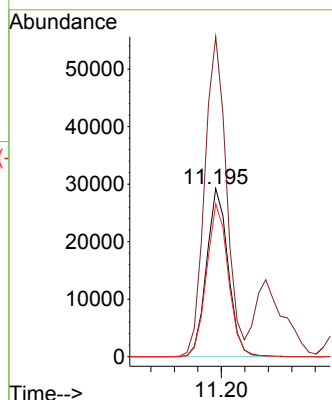
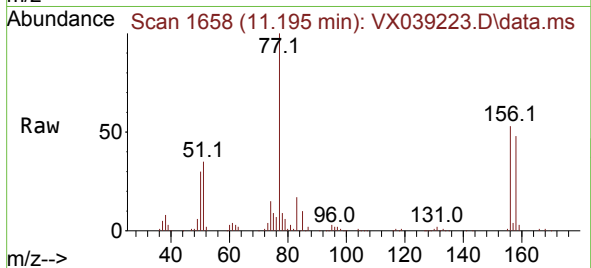
Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	156	Resp:	37261
Ion Ratio	Lower	Upper	
156	100		
77	192.2	0.0	363.2
158	91.2	0.0	197.8



#74

n-propylbenzene

Concen: 20.900 ug/l

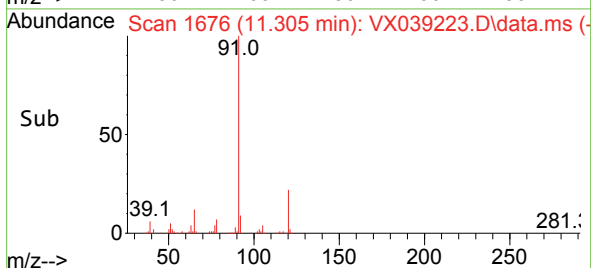
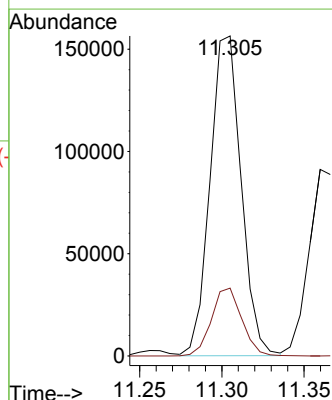
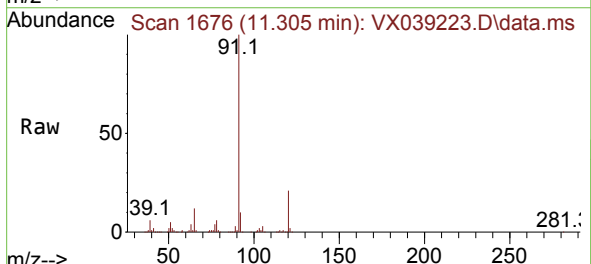
RT: 11.305 min Scan# 1676

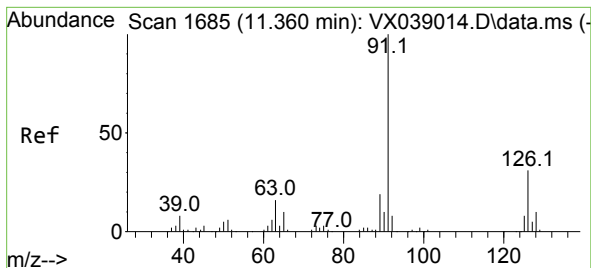
Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Tgt Ion:	91	Resp:	205513
Ion Ratio	Lower	Upper	
91	100		
120	20.8	0.0	43.4

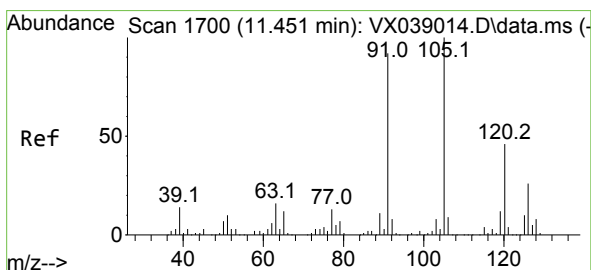
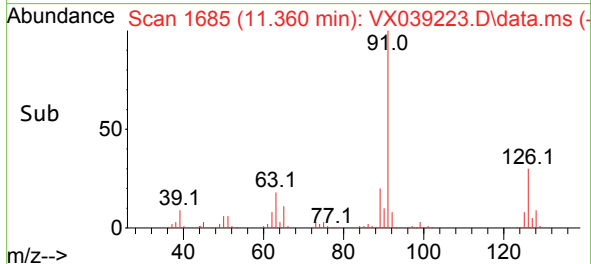
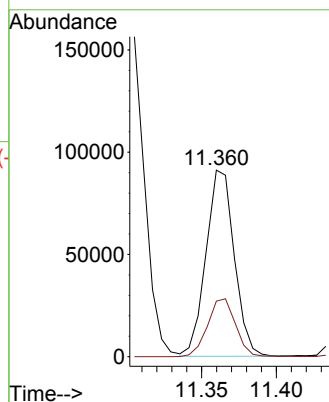
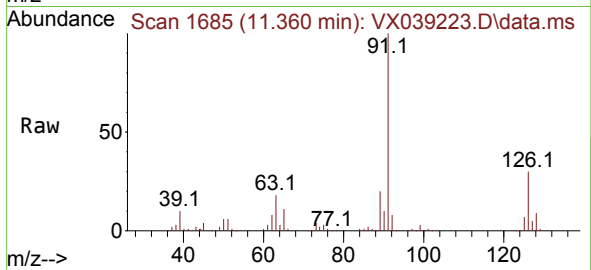




#75
2-Chlorotoluene
Concen: 20.801 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

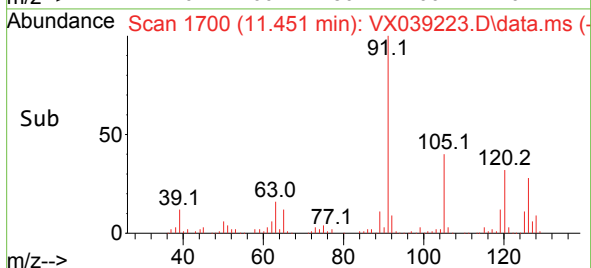
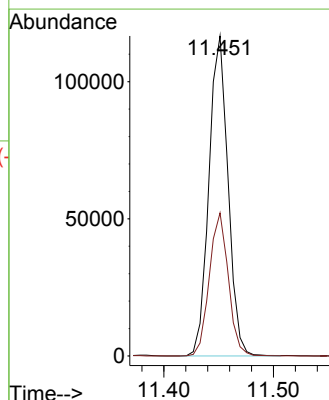
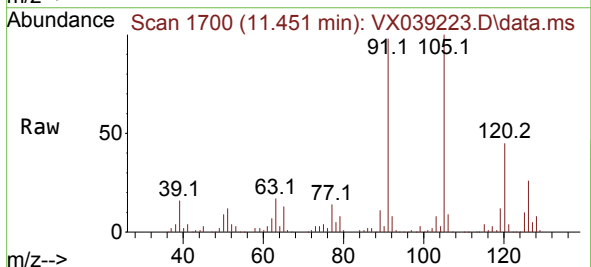
Instrument :
MSVOA_X
ClientSampleId :

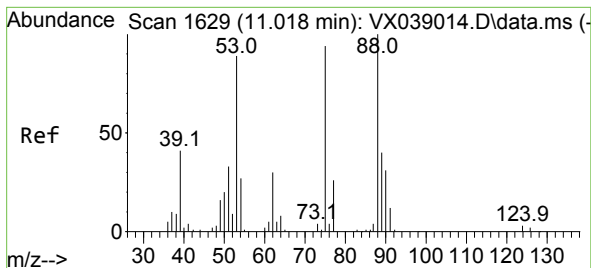
Tgt Ion: 91 Resp: 120001
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 20.446 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

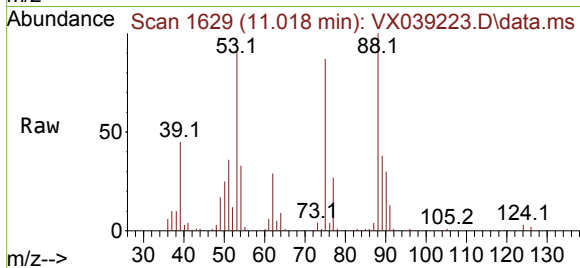
Tgt Ion:105 Resp: 141368
Ion Ratio Lower Upper
105 100
120 44.5 0.0 92.6



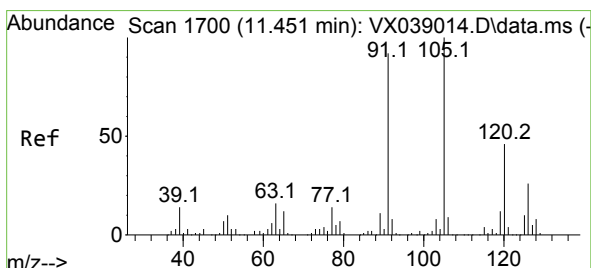
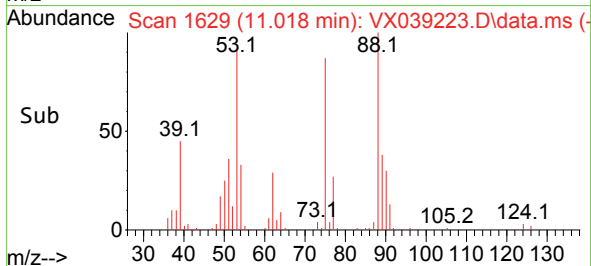
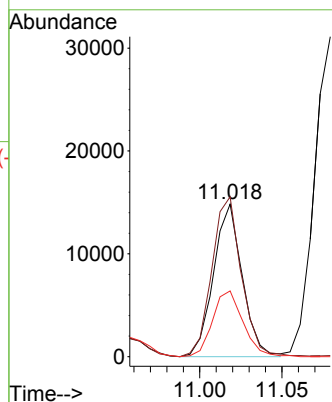


#77
t-1,4-Dichloro-2-butene
Concen: 17.970 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :

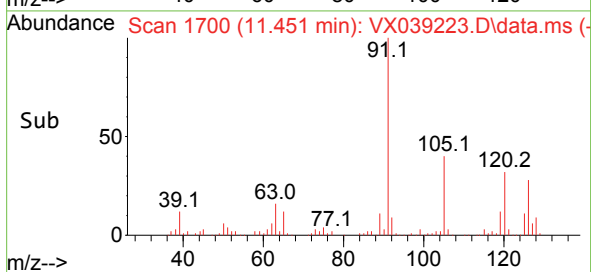
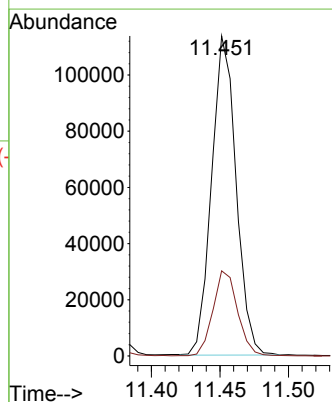
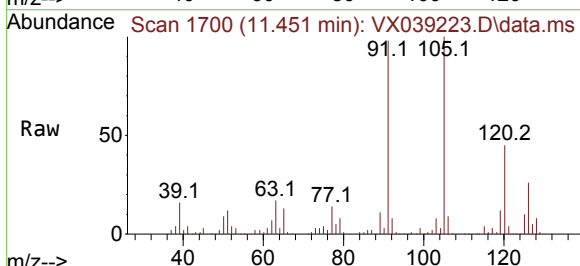


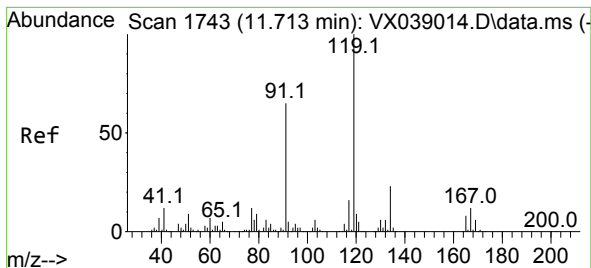
Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.7	46.9	140.8
89	43.1	21.3	63.7



#78
4-Chlorotoluene
Concen: 20.813 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039223.D
Acq: 15 Dec 2023 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	26.6	0.0	57.4





#79

tert-butylbenzene

Concen: 20.569 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

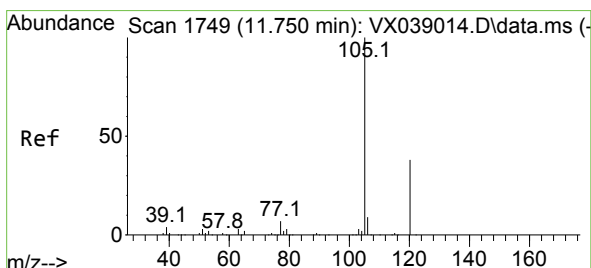
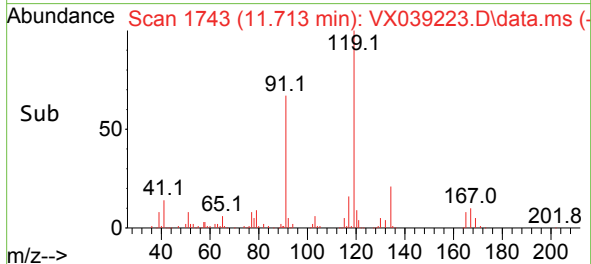
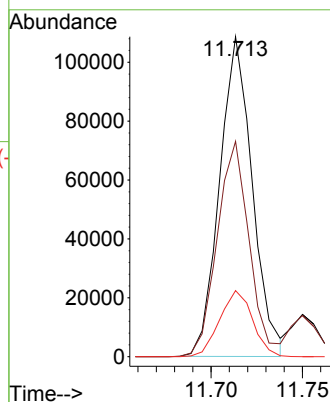
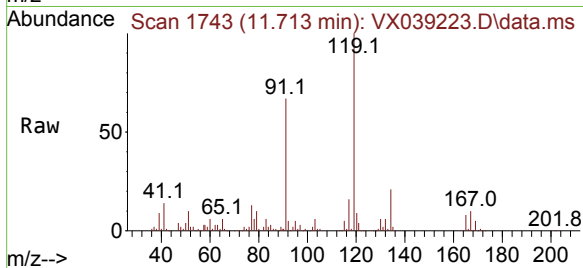
Tgt Ion:119 Resp: 135235

Ion Ratio Lower Upper

119 100

91 66.2 0.0 125.6

134 20.8 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 20.483 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039223.D

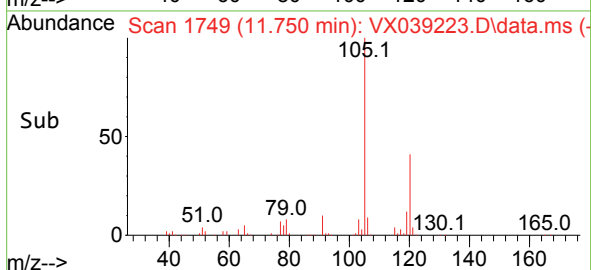
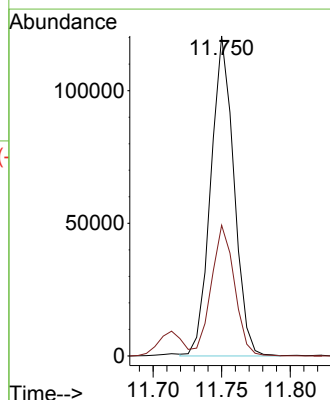
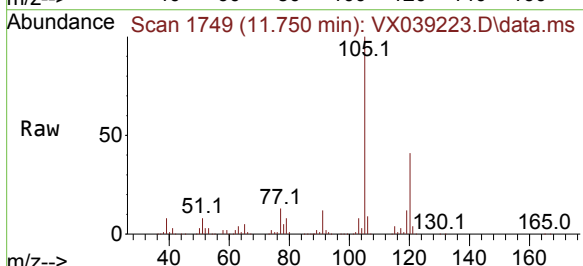
Acq: 15 Dec 2023 10:38

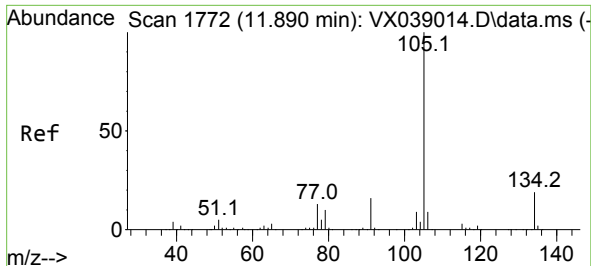
Tgt Ion:105 Resp: 141745

Ion Ratio Lower Upper

105 100

120 41.0 0.0 86.4

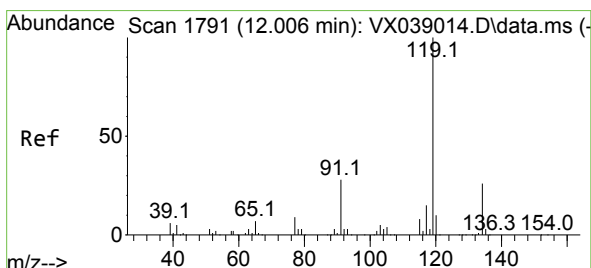
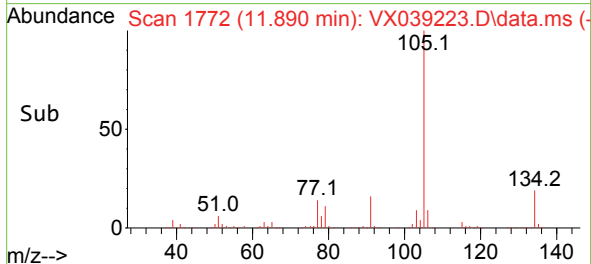
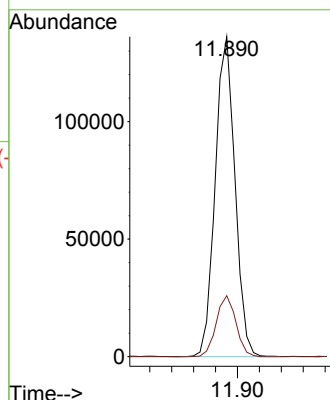
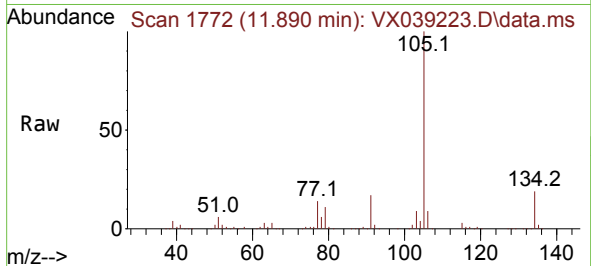




#81
 sec-Butylbenzene
 Concen: 20.497 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039223.D
 Acq: 15 Dec 2023 10:38

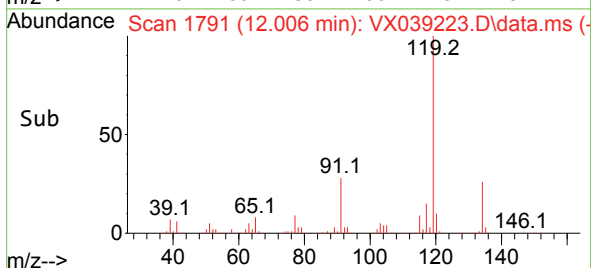
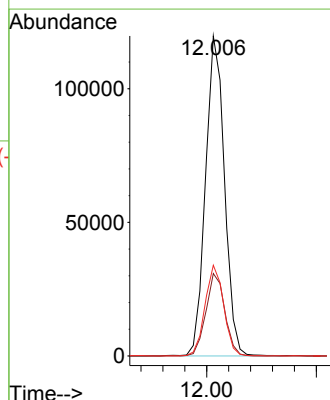
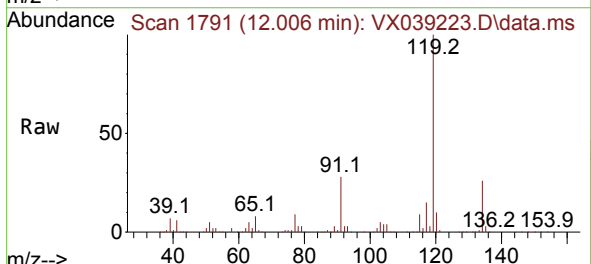
Instrument :
 MSVOA_X
 ClientSampleId :

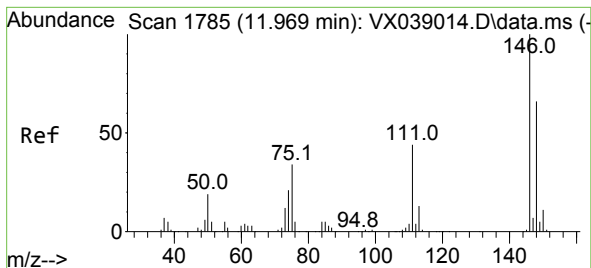
Tgt Ion:105 Resp: 170364
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 20.381 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039223.D
 Acq: 15 Dec 2023 10:38

Tgt Ion:119 Resp: 143566
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.6
 91 27.7 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 20.027 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

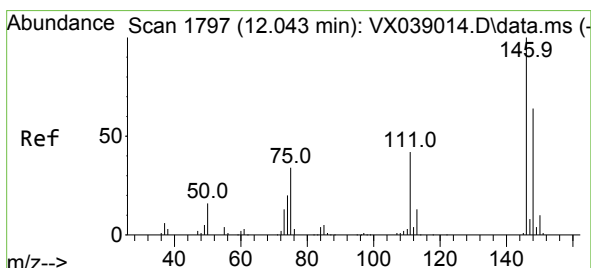
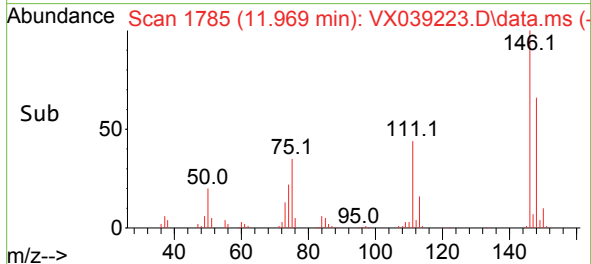
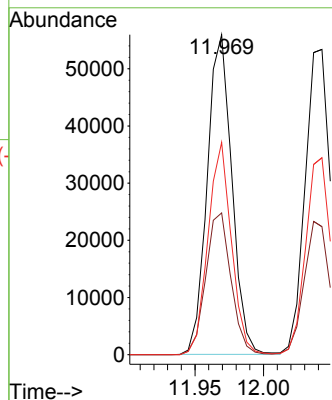
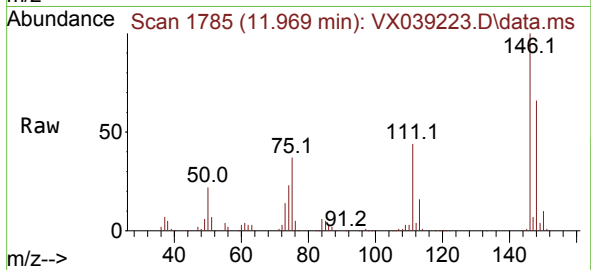
Tgt Ion:146 Resp: 70034

Ion Ratio Lower Upper

146 100

111 45.4 22.3 66.9

148 62.9 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 19.663 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

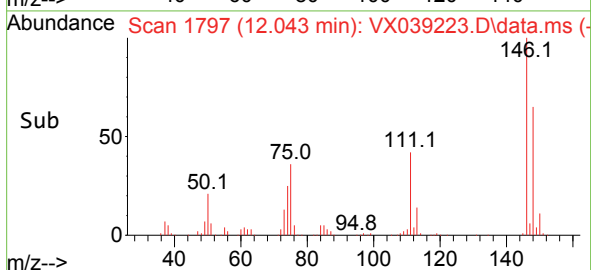
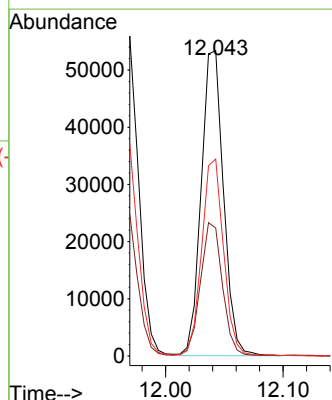
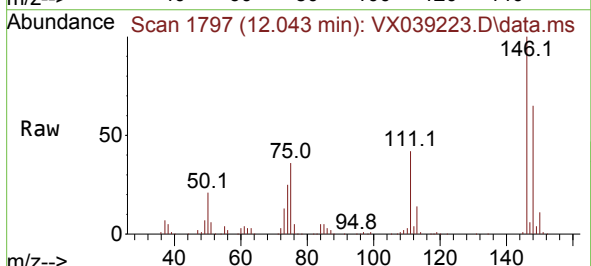
Tgt Ion:146 Resp: 70553

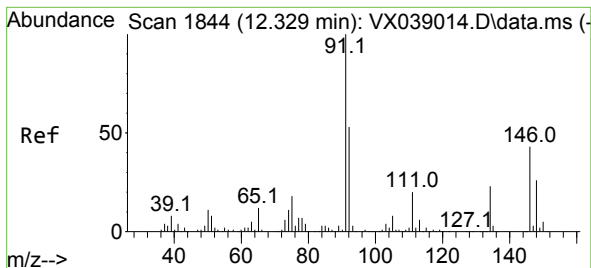
Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 63.7 31.8 95.4





#85

n-Butylbenzene

Concen: 20.639 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

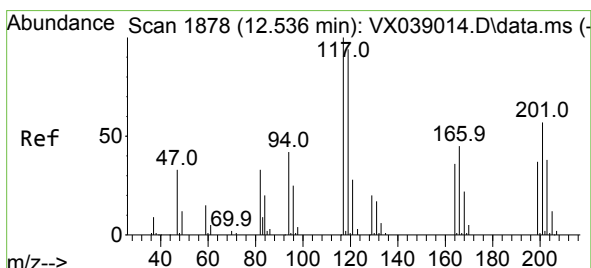
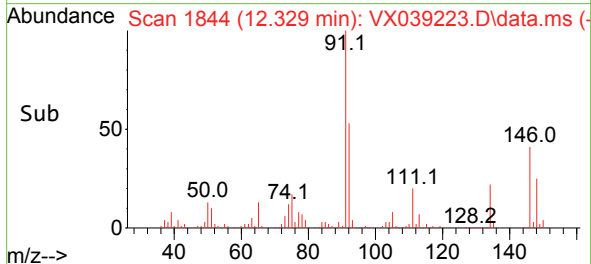
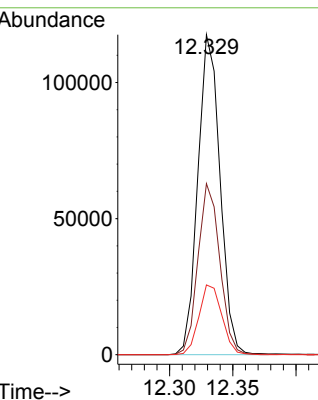
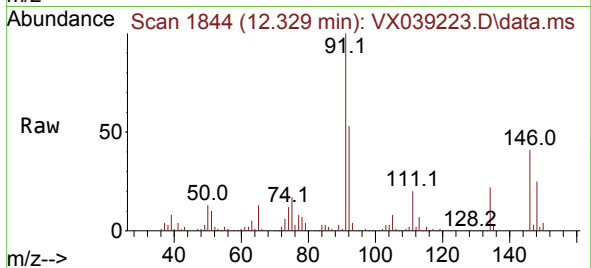
Tgt Ion: 91 Resp: 143573

Ion Ratio Lower Upper

91 100

92 52.7 0.0 106.2

134 22.6 0.0 48.8



#86

Hexachloroethane

Concen: 19.050 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039223.D

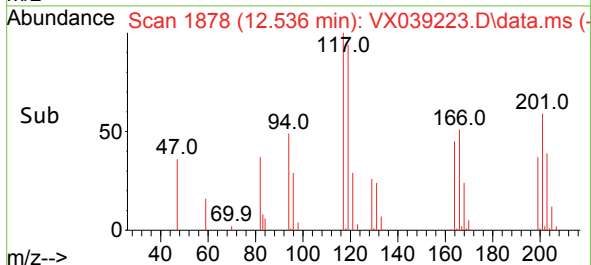
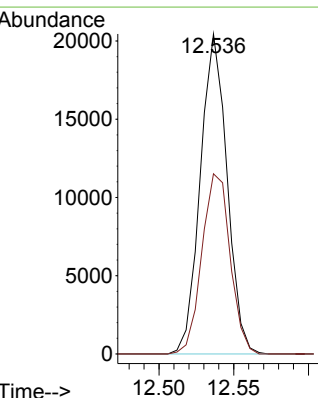
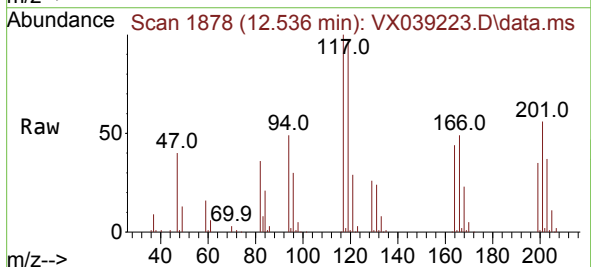
Acq: 15 Dec 2023 10:38

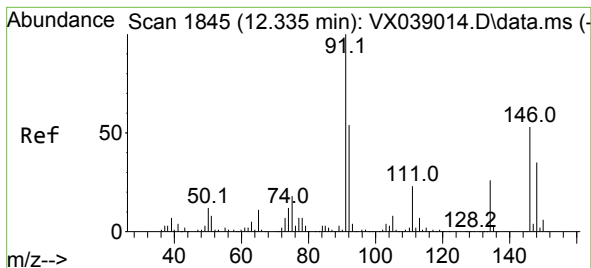
Tgt Ion: 117 Resp: 25426

Ion Ratio Lower Upper

117 100

201 59.4 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 19.971 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

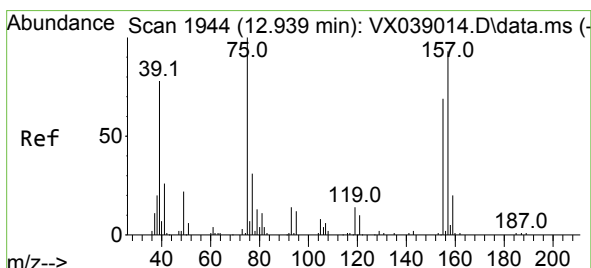
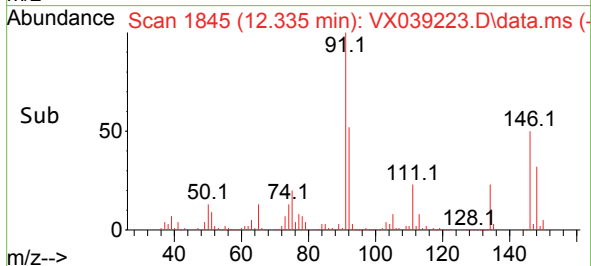
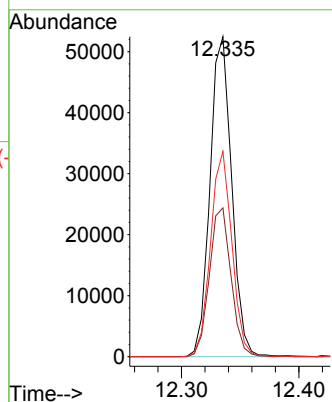
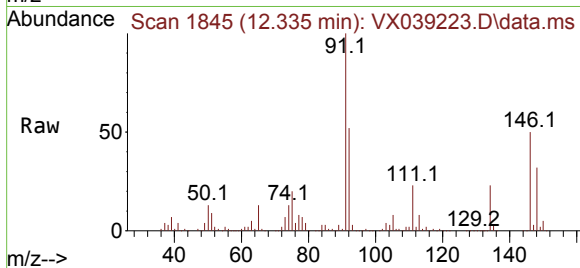
Tgt Ion:146 Resp: 67156

Ion Ratio Lower Upper

146 100

111 46.5 22.4 67.2

148 63.4 31.9 95.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.971 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

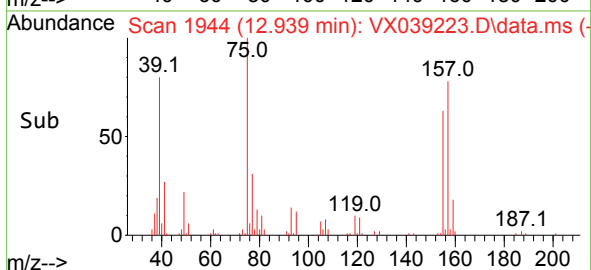
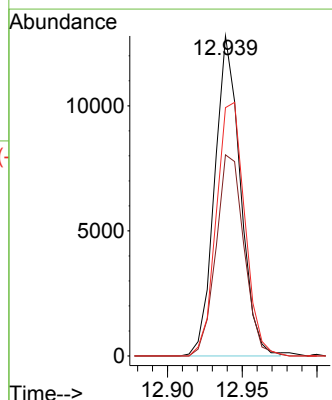
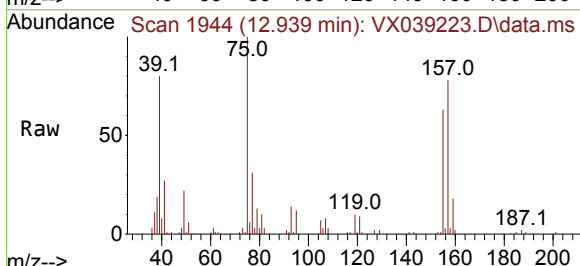
Tgt Ion: 75 Resp: 15303

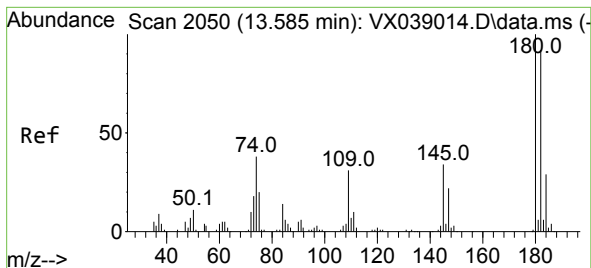
Ion Ratio Lower Upper

75 100

155 68.6 58.2 87.4

157 87.6 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 19.865 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

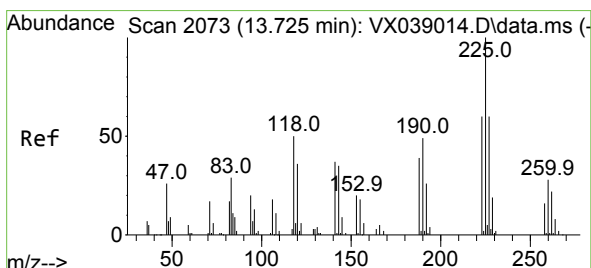
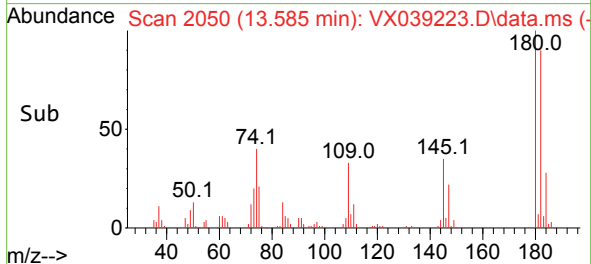
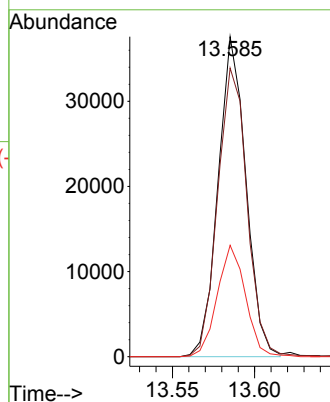
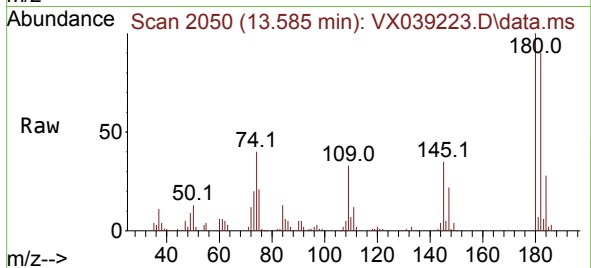
Tgt Ion:180 Resp: 44288

Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

145 35.2 26.6 40.0



#90

Hexachlorobutadiene

Concen: 21.467 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

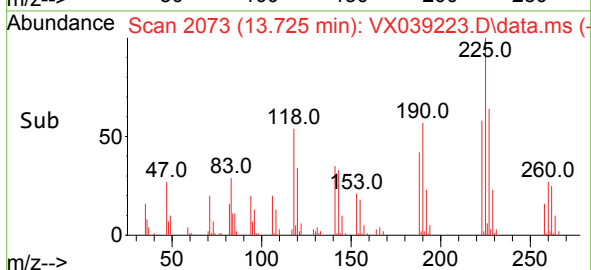
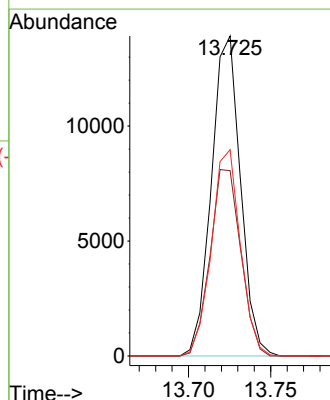
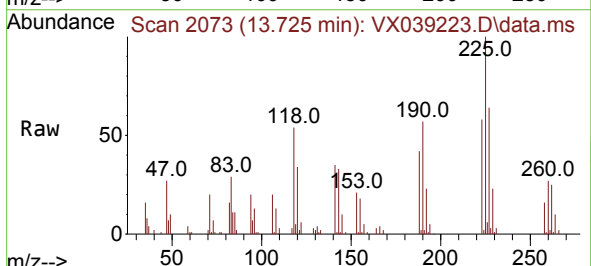
Tgt Ion:225 Resp: 17089

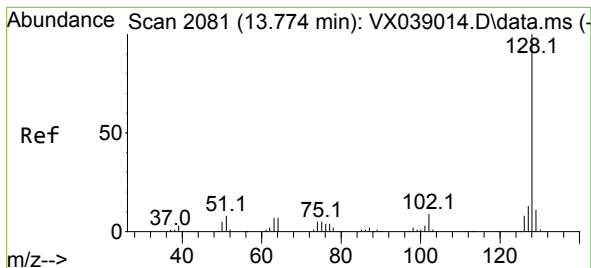
Ion Ratio Lower Upper

225 100

223 61.7 0.0 124.4

227 64.5 0.0 124.4





#91

Naphthalene

Concen: 19.275 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

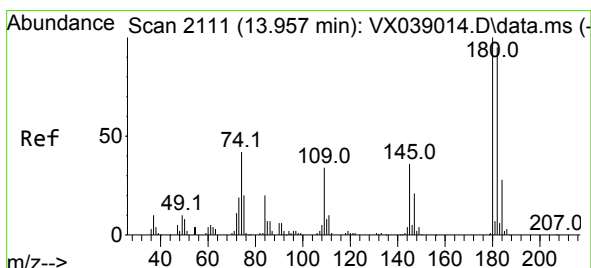
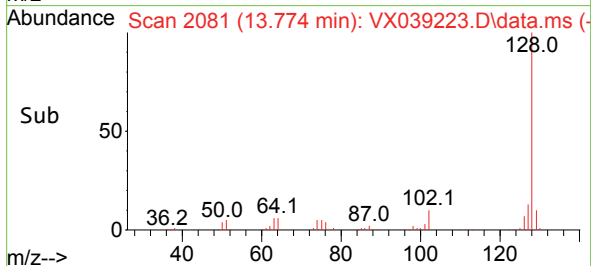
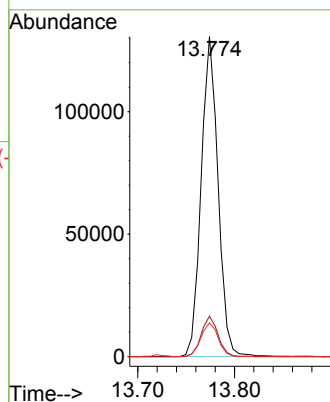
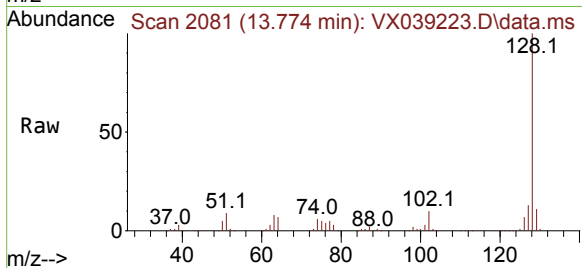
Tgt Ion:128 Resp: 158479

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: 19.954 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039223.D

Acq: 15 Dec 2023 10:38

Tgt Ion:180 Resp: 43091

Ion Ratio Lower Upper

180 100

182 94.8 0.0 191.6

145 37.4 0.0 69.6

