

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121523\
 Data File : VX039224.D
 Acq On : 15 Dec 2023 11:05
 Operator : JC/MD
 Sample : VX1215WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:12:29 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	4.885	128	9485	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.757	114	69486	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85743	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	41082	31.660	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.533%	
60) 4-Bromofluorobenzene	11.079	95	59513	31.778	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 105.933%	
63) Toluene-d8	8.647	98	100268	29.578	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27903	19.655	ug/l	100
3) Chloromethane	1.294	50	29884	18.384	ug/l	94
4) Vinyl Chloride	1.374	62	29523	17.990	ug/l	98
5) Bromomethane	1.605	94	18890	18.820	ug/l	100
6) Chloroethane	1.691	64	16471	17.235	ug/l	94
7) Trichlorofluoromethane	1.892	101	44762	19.763	ug/l	97
8) Diethyl Ether	2.130	74	17525	20.157	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	28192	22.026	ug/l	99
10) 1,1-Dichloroethene	2.319	96	26782	20.759	ug/l	99
11) Methyl Iodide	2.453	142	28235	19.971	ug/l	100
12) Methyl Acetate	2.697	43	98849	24.566	ug/l	98
13) Acrolein	2.233	56	30541	86.640	ug/l	98
14) Acrylonitrile	3.056	53	108135	109.875	ug/l	99
15) Acetone	2.373	58	32467	90.756	ug/l	99
16) Carbon Disulfide	2.514	76	69966	17.906	ug/l	98
17) Allyl chloride	2.666	41	55834	21.800	ug/l	95
18) Methylene Chloride	2.788	84	32673	21.364	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	28753	19.705	ug/l	93
20) Diisopropyl ether	3.751	45	111353	22.846	ug/l	92
21) 1,1-Dichloroethane	3.605	63	58826	21.708	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	34914	20.646	ug/l	95
23) tert-Butyl Alcohol	2.940	59	50189	92.118	ug/l	# 100
24) Methyl tert-Butyl Ether	3.111	73	108212	22.769	ug/l	96
25) Chloroform	5.086	83	59767	21.974	ug/l	92
26) Cyclohexane	5.464	56	48571	19.803	ug/l	# 95
29) 1,1-Dichloropropene	5.690	75	42470	21.803	ug/l	97
30) 2-Butanone	4.544	43	160294	109.299	ug/l	99
31) 2,2-Dichloropropane	4.471	77	49979	22.441	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	50168	22.283	ug/l	97
33) Carbon Tetrachloride	5.678	117	39328	20.738	ug/l	97
34) Benzene	6.031	78	124849	22.002	ug/l	# 94
35) Methacrylonitrile	4.916	41	31918	24.570	ug/l	96
36) 1,2-Dichloroethane	6.080	62	51587	24.777	ug/l	99
37) Trichloroethene	7.123	130	31020	21.539	ug/l	97
38) Methylcyclohexane	7.379	83	50237	20.699	ug/l	96
39) 1,2-Dichloropropane	7.427	63	34107	22.791	ug/l	96
40) Dibromomethane	7.580	93	23997	22.695	ug/l	98
41) Bromodichloromethane	7.818	83	46706	22.993	ug/l	98
42) Vinyl Acetate	3.715	43	408236	116.871	ug/l	99

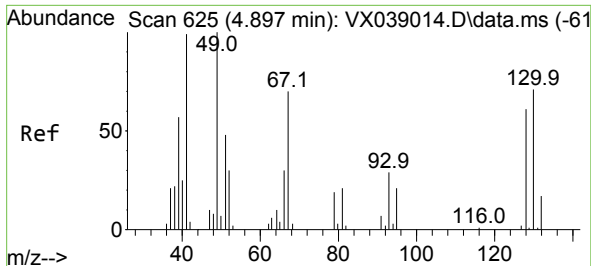
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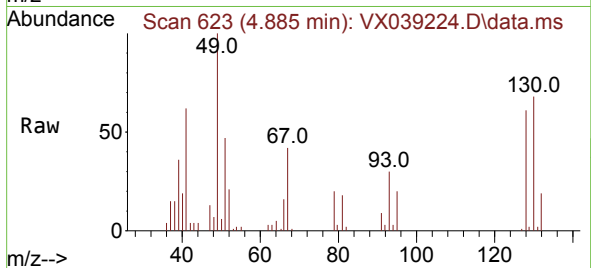
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	55072	21.827	ug/l	97
44) Isopropyl Acetate	6.336	43	92605	23.283	ug/l	98
45) 1,4-Dioxane	7.653	88	16703	411.364	ug/l	96
46) Methyl methacrylate	7.690	41	54841	24.116	ug/l	95
47) n-amyl Acetate	10.841	43	78158	23.216	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	51405	21.825	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	55193	22.715	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	34187	23.802	ug/l	98
51) Ethyl methacrylate	9.116	69	41550	23.109	ug/l	100
52) 1,3-Dichloropropane	9.305	76	58249	23.651	ug/l	100
53) Dibromochloromethane	9.519	129	32898	21.327	ug/l	98
54) 1,2-Dibromoethane	9.604	107	36432	23.129	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	120672	105.886	ug/l	99
56) Bromoform	10.799	173	22084	19.836	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	313647	120.627	ug/l	99
59) 2-Hexanone	9.427	43	254540	119.262	ug/l	97
61) Tetrachloroethene	9.269	164	23386	20.978	ug/l	95
62) Toluene	8.714	91	134408	22.079	ug/l	99
64) Chlorobenzene	10.079	112	81268	21.947	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	30126	22.591	ug/l	99
66) Ethyl Benzene	10.189	91	153334	22.120	ug/l	98
67) m/p-Xylenes	10.299	106	111802	43.648	ug/l	96
68) o-Xylene	10.640	106	54935	22.141	ug/l	99
69) Styrene	10.652	104	79721	21.710	ug/l	96
70) Isopropylbenzene	10.963	105	148003	22.295	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	57623	23.252	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	66470	31.697	ug/l	91
73) Bromobenzene	11.195	156	33269	22.012	ug/l	93
74) n-propylbenzene	11.305	91	182397	22.426	ug/l	99
75) 2-Chlorotoluene	11.360	91	107658	22.561	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	124943	21.847	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	16384	19.717	ug/l	87
78) 4-Chlorotoluene	11.451	91	128512	22.907	ug/l	96
79) tert-butylbenzene	11.713	119	119447	21.965	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	126125	22.035	ug/l	98
81) sec-Butylbenzene	11.890	105	150023	21.823	ug/l	99
82) p-Isopropyltoluene	12.006	119	125471	21.535	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	62525	21.617	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	64097	21.597	ug/l	99
85) n-Butylbenzene	12.329	91	124303	21.603	ug/l	98
86) Hexachloroethane	12.536	117	22323	20.220	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	61564	22.134	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14664	23.137	ug/l	90
89) 1,2,4-Trichlorobenzene	13.585	180	39925	21.651	ug/l	99
90) Hexachlorobutadiene	13.725	225	14845	22.545	ug/l	97
91) Naphthalene	13.774	128	147459	21.682	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	39448	22.085	ug/l	99

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

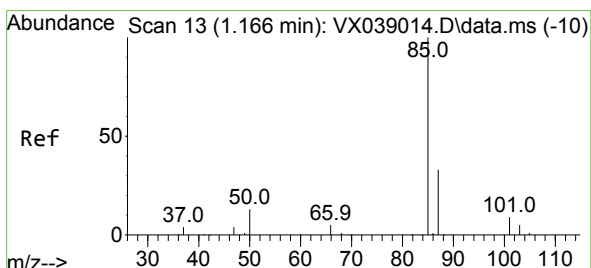
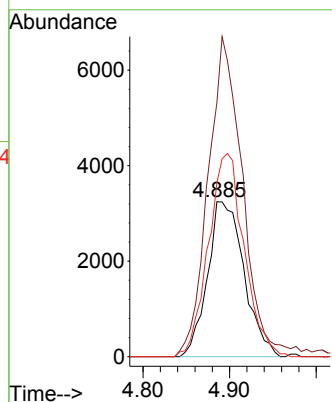
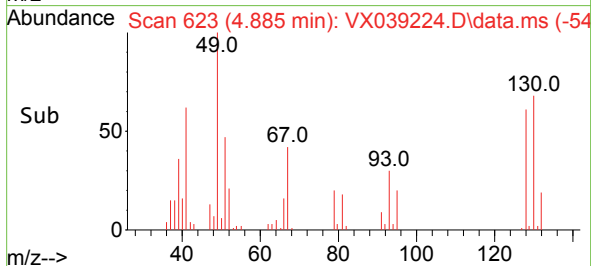


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :

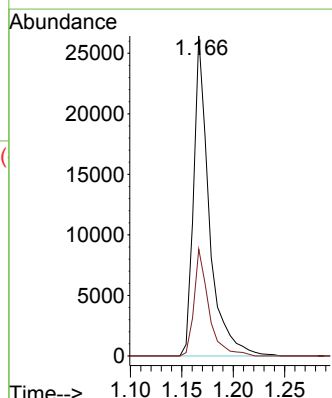
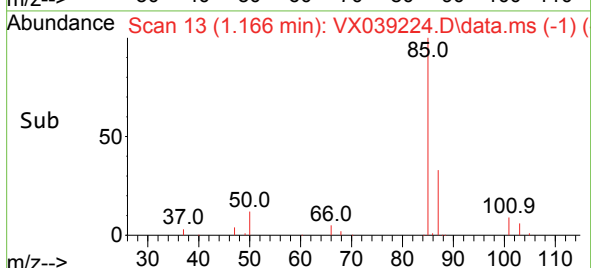
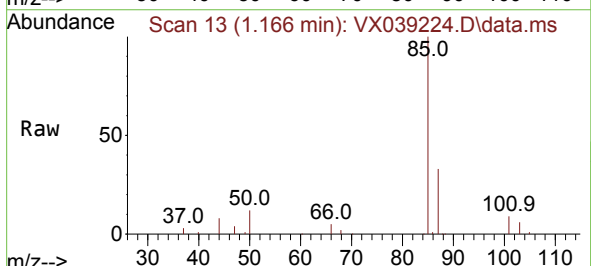


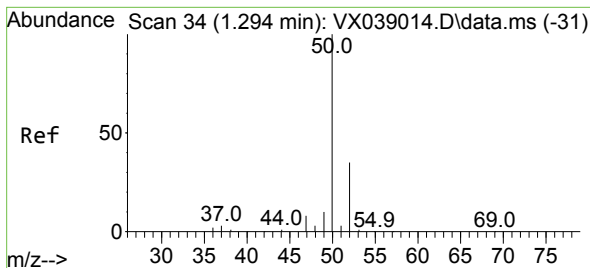
Tgt Ion:128 Resp: 9485
Ion Ratio Lower Upper
128 100
49 194.1 0.0 444.0
130 128.7 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 19.655 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 85 Resp: 27903
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3

Chloromethane

Concen: 18.384 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

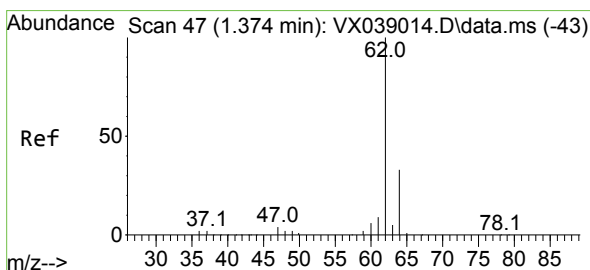
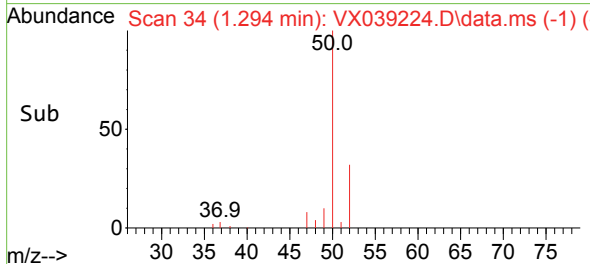
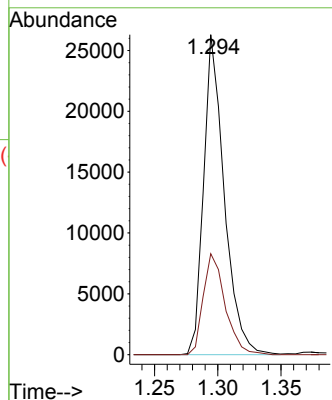
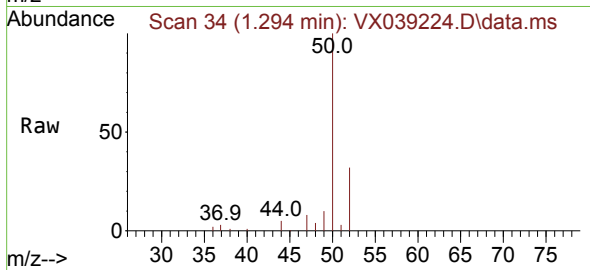
ClientSampleId :

Tgt Ion: 50 Resp: 29884

Ion Ratio Lower Upper

50 100

52 31.6 27.8 41.8



#4

Vinyl Chloride

Concen: 17.990 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX039224.D

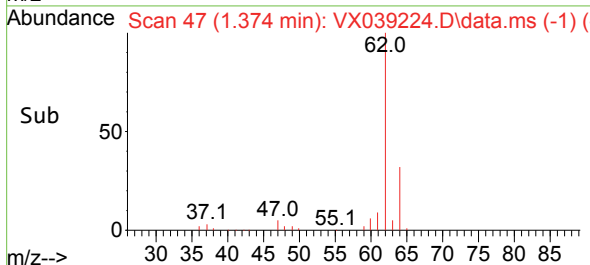
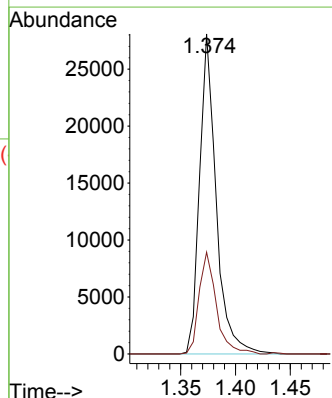
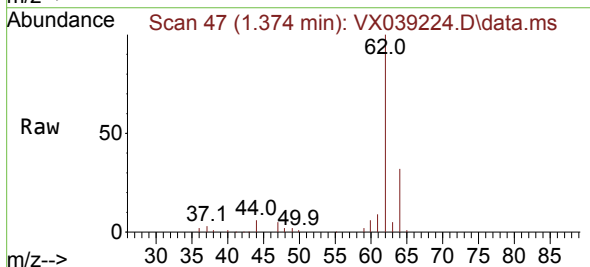
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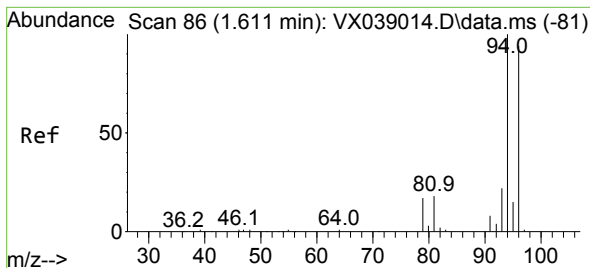
Tgt Ion: 62 Resp: 29523

Ion Ratio Lower Upper

62 100

64 31.8 26.3 39.5





#5

Bromomethane

Concen: 18.820 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

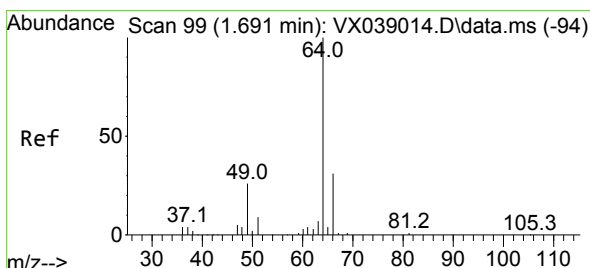
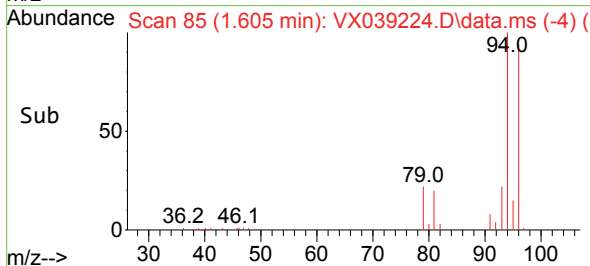
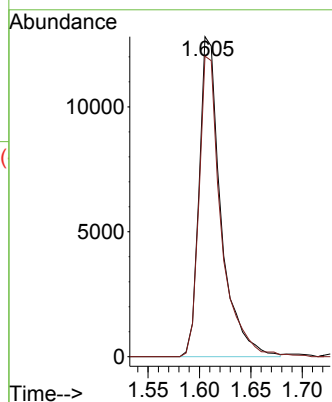
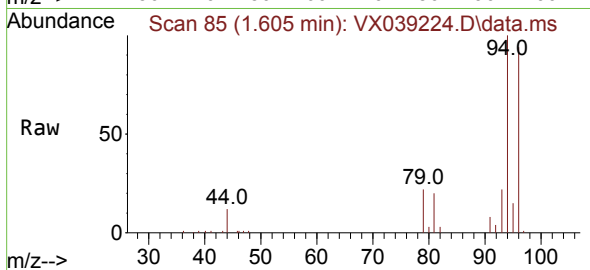
ClientSampleId :

Tgt Ion: 94 Resp: 18890

Ion Ratio Lower Upper

94 100

96 93.9 74.9 112.3



#6

Chloroethane

Concen: 17.235 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX039224.D

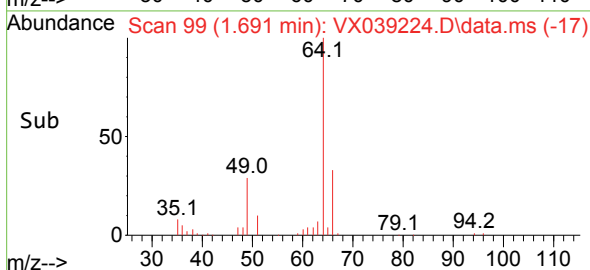
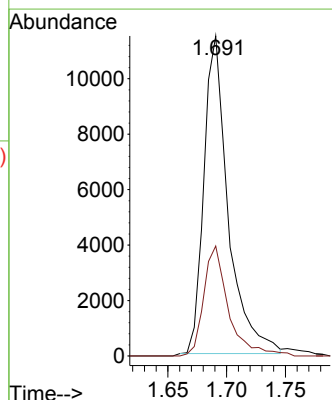
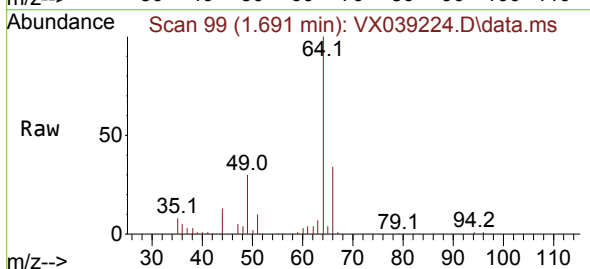
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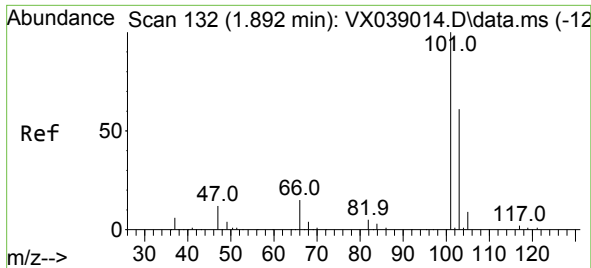
Tgt Ion: 64 Resp: 16471

Ion Ratio Lower Upper

64 100

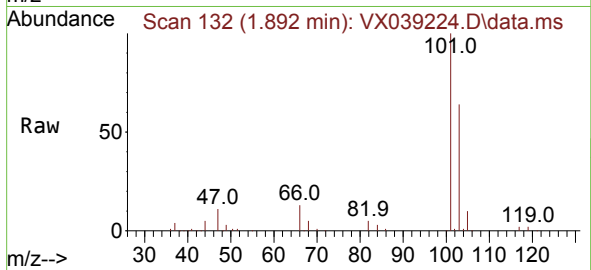
66 34.6 25.0 37.6



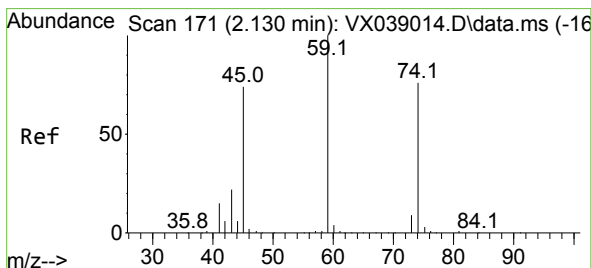
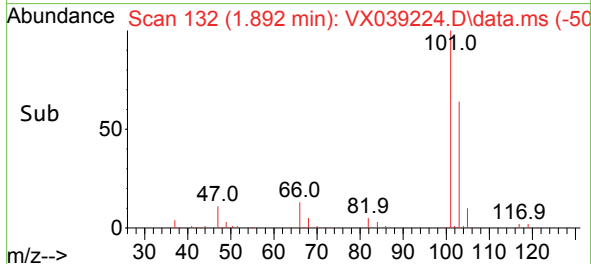
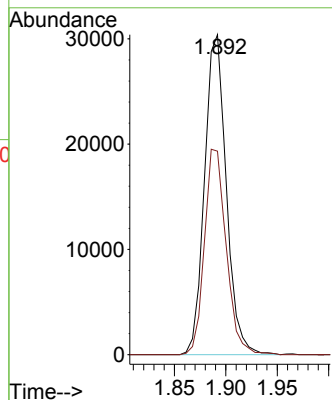


#7
 Trichlorofluoromethane
 Concen: 19.763 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05

Instrument :
 MSVOA_X
 ClientSampleId :

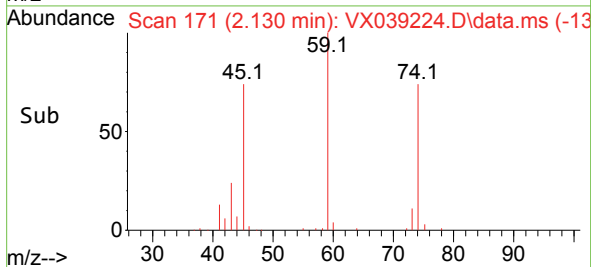
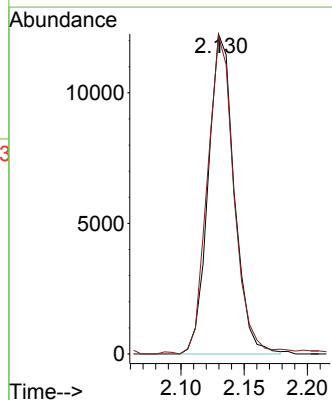
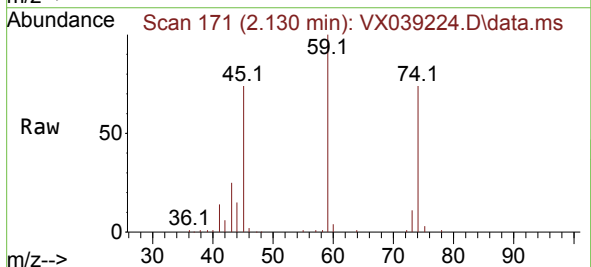


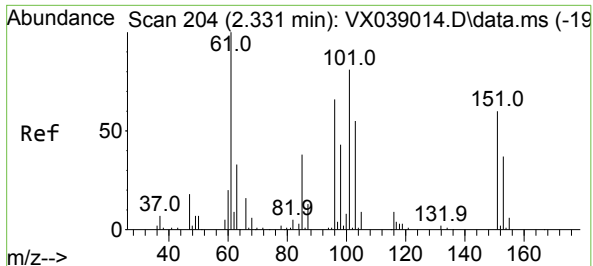
Tgt Ion:101 Resp: 44762
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.1 73.7



#8
 Diethyl Ether
 Concen: 20.157 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05

Tgt Ion: 74 Resp: 17525
 Ion Ratio Lower Upper
 74 100
 45 101.1 20.5 184.5

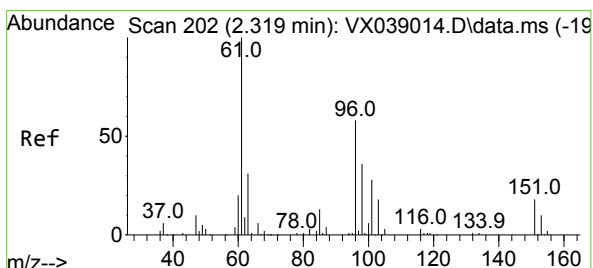
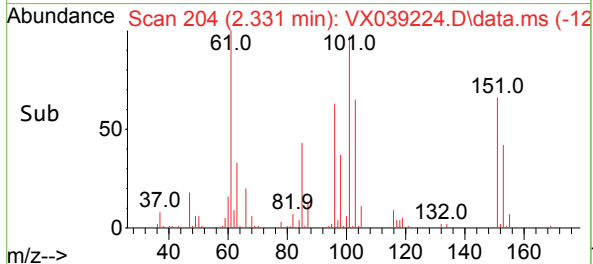
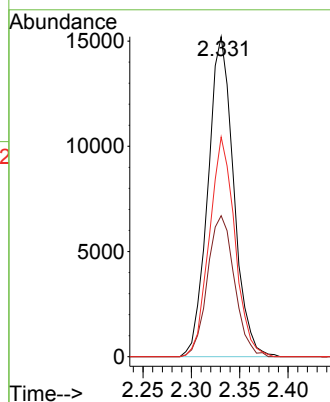
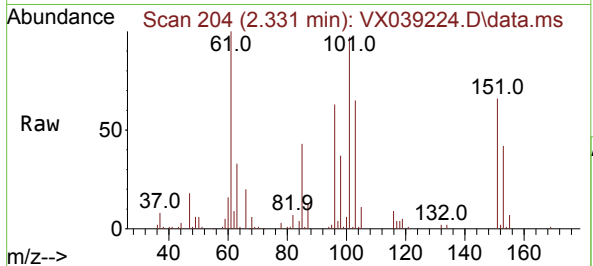




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.026 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

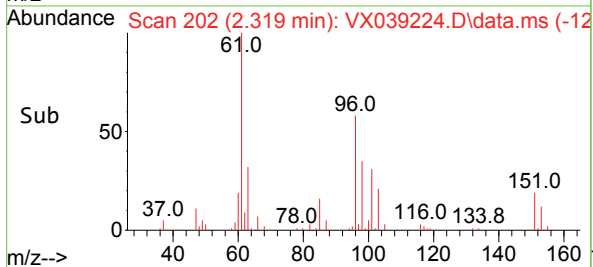
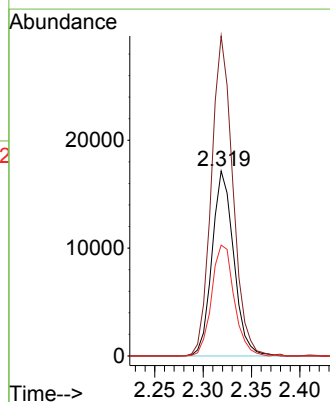
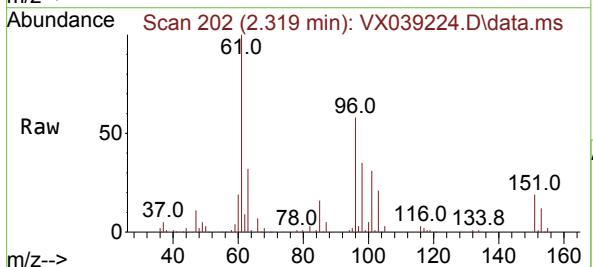
Instrument :
MSVOA_X
ClientSampleId :

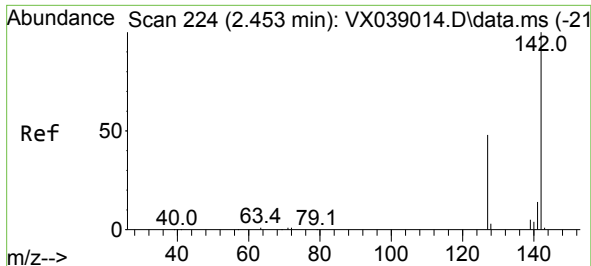
Tgt Ion:101 Resp: 28192
Ion Ratio Lower Upper
101 100
85 46.1 0.0 95.2
151 68.0 0.0 136.8



#10
1,1-Dichloroethene
Concen: 20.759 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

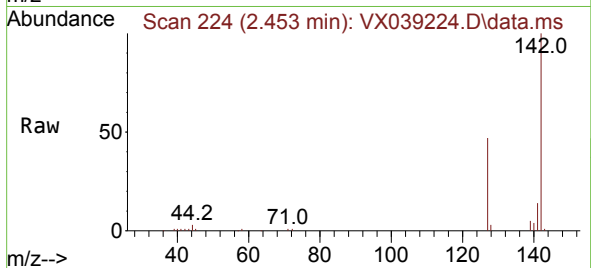
Tgt Ion: 96 Resp: 26782
Ion Ratio Lower Upper
96 100
61 173.1 138.3 207.5
98 60.0 49.8 74.6



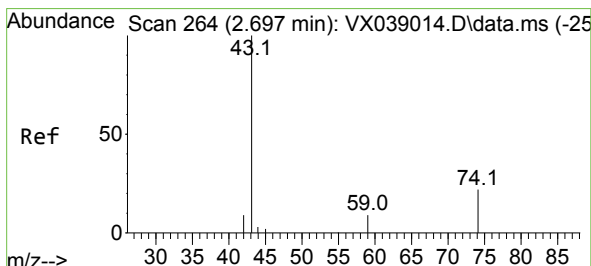
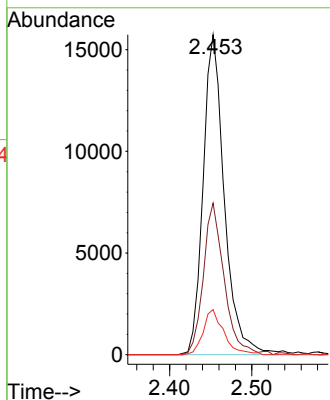
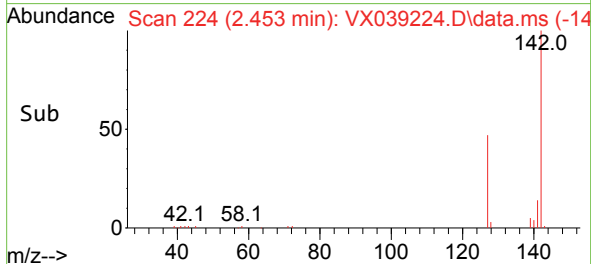


#11
Methyl Iodide
Concen: 19.971 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :

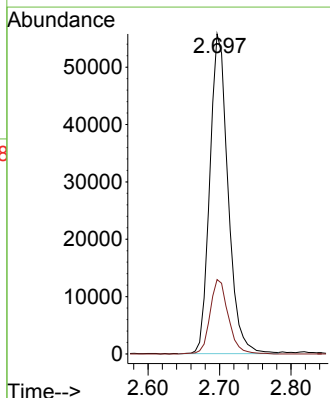
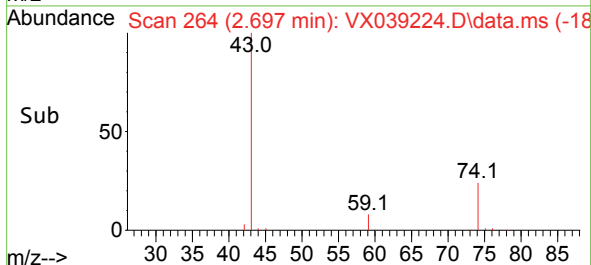
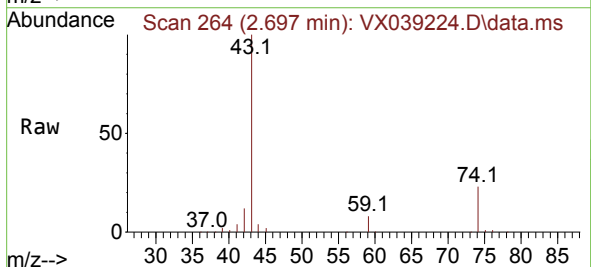


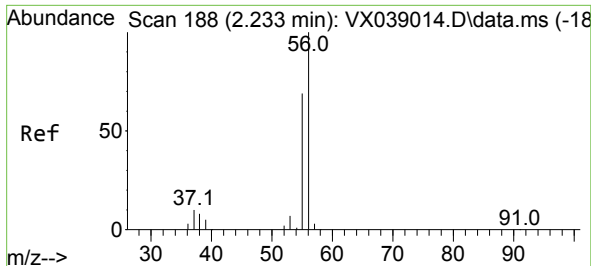
Tgt Ion:142 Resp: 28235
Ion Ratio Lower Upper
142 100
127 47.3 23.8 71.4
141 13.7 6.9 20.6



#12
Methyl Acetate
Concen: 24.566 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 43 Resp: 98849
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.6





#13

Acrolein

Concen: 86.640 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

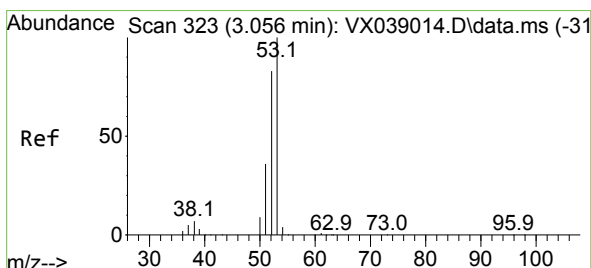
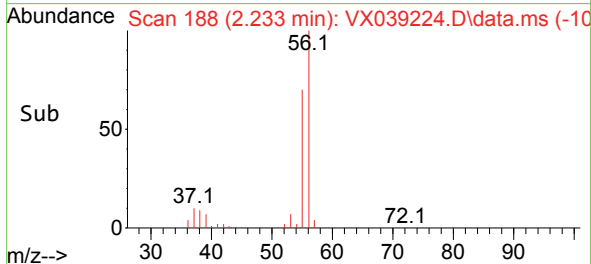
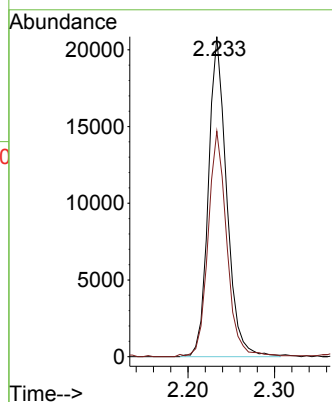
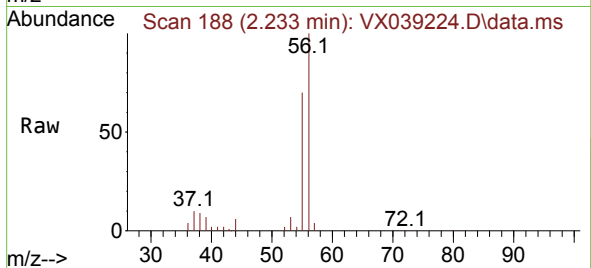
ClientSampleId :

Tgt Ion: 56 Resp: 30541

Ion Ratio Lower Upper

56 100

55 70.0 57.2 85.8



#14

Acrylonitrile

Concen: 109.875 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

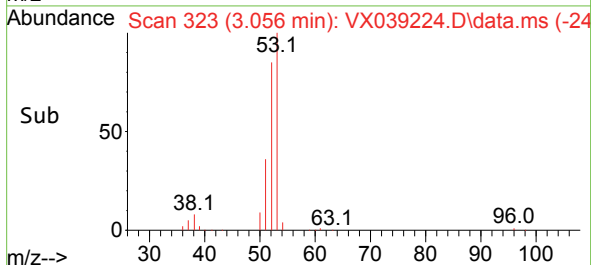
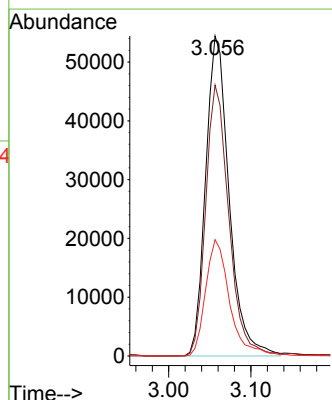
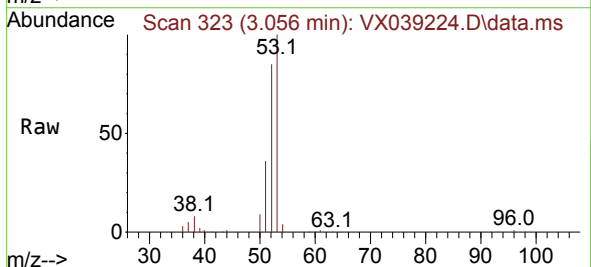
Tgt Ion: 53 Resp: 108135

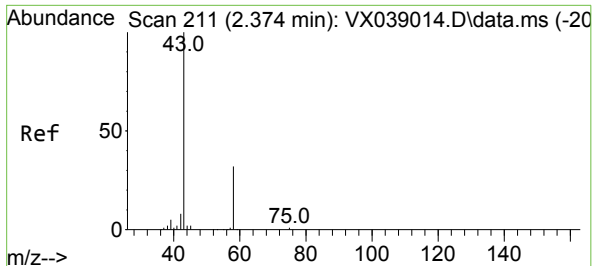
Ion Ratio Lower Upper

53 100

52 83.4 41.9 125.6

51 37.4 18.3 54.9





#15

Acetone

Concen: 90.756 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

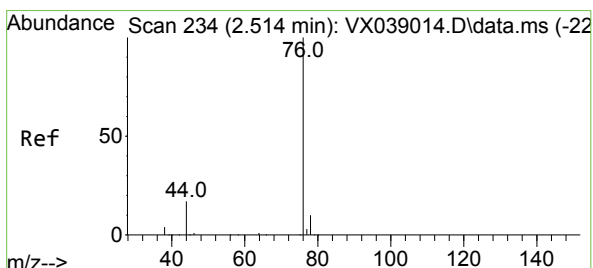
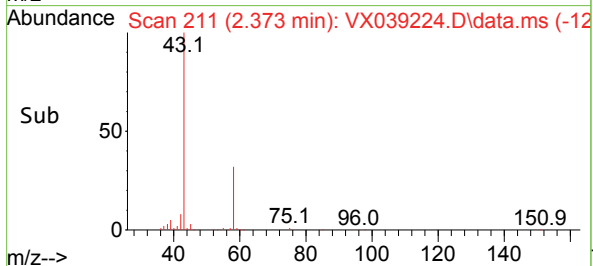
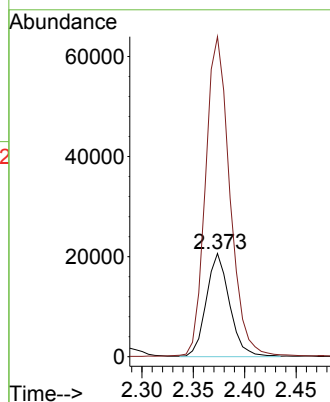
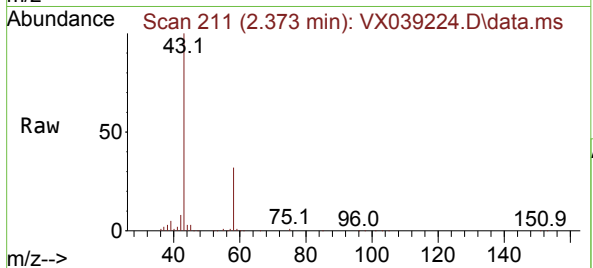
ClientSampleId :

Tgt Ion: 58 Resp: 32467

Ion Ratio Lower Upper

58 100

43 310.2 249.9 374.9



#16

Carbon Disulfide

Concen: 17.906 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039224.D

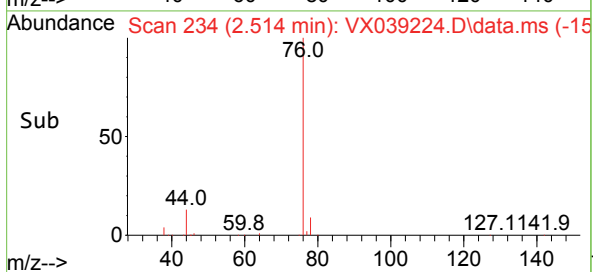
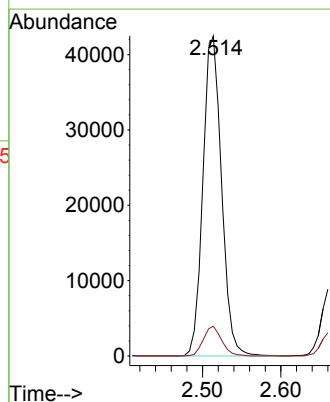
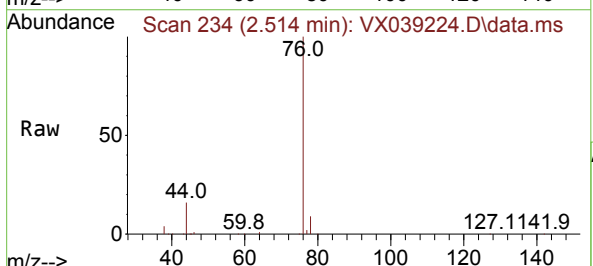
Acq: 15 Dec 2023 11:05

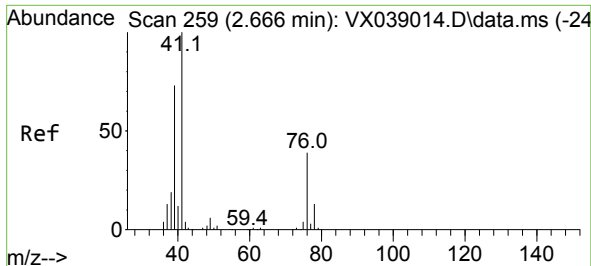
Tgt Ion: 76 Resp: 69966

Ion Ratio Lower Upper

76 100

78 9.3 8.0 12.0





#17

Allyl chloride

Concen: 21.800 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

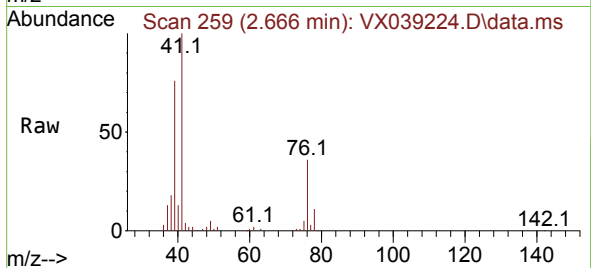
Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

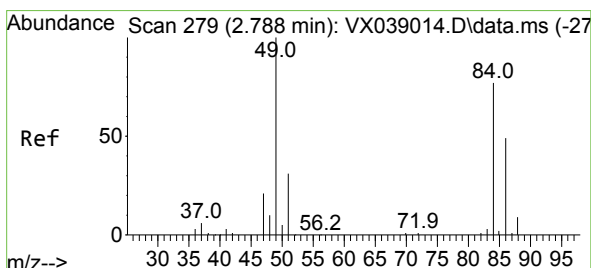
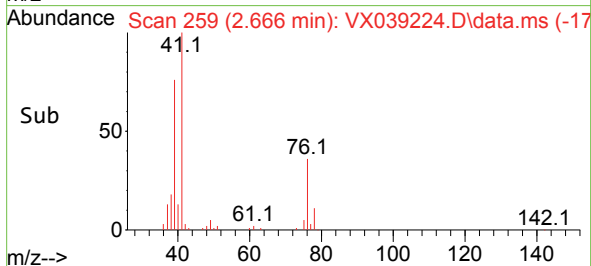
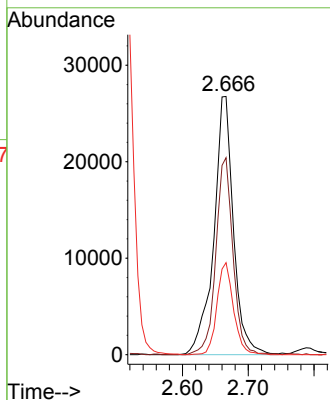
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	55834
Ion	Ratio	Lower	Upper
41	100		
39	76.2	36.5	109.5
76	35.7	19.7	59.0



#18

Methylene Chloride

Concen: 21.364 ug/l

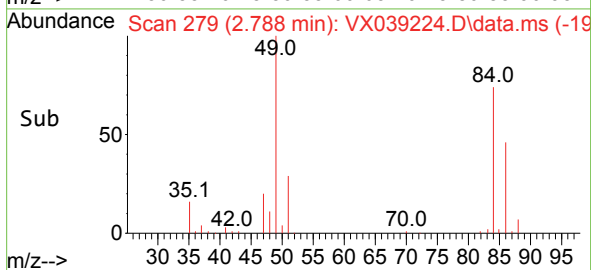
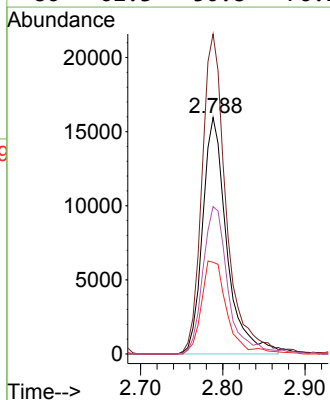
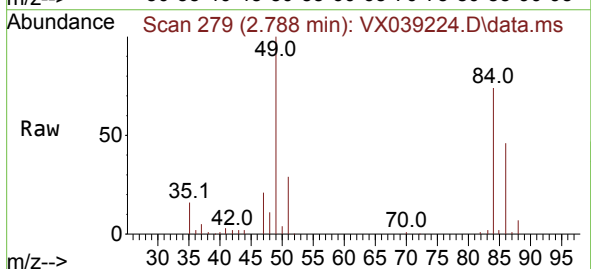
RT: 2.788 min Scan# 279

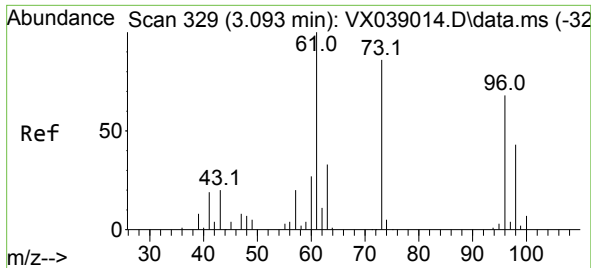
Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

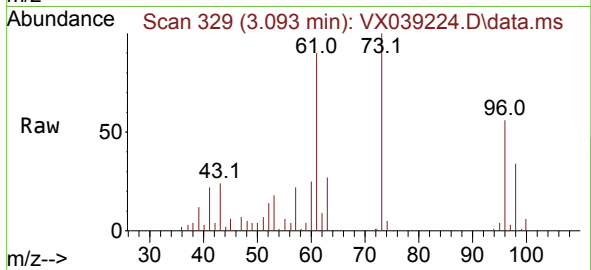
Tgt Ion:	84	Resp:	32673
Ion	Ratio	Lower	Upper
84	100		
49	135.3	103.8	155.8
51	38.8	31.8	47.6
86	62.3	50.8	76.2



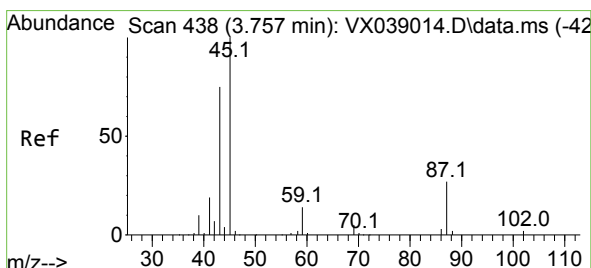
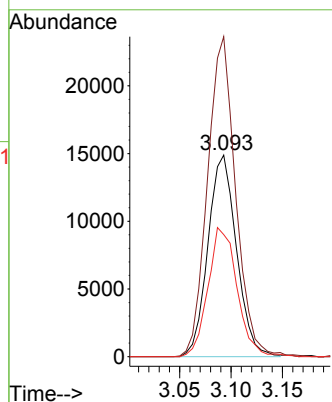
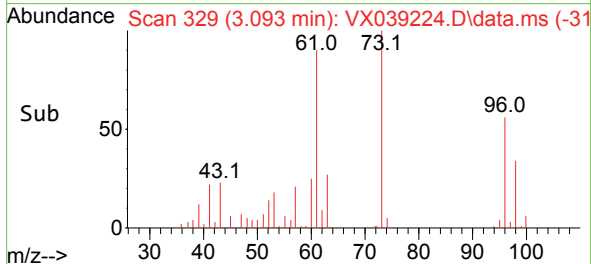


#19
trans-1,2-Dichloroethene
Concen: 19.705 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

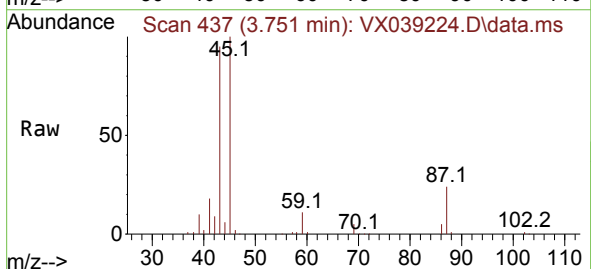
Instrument :
MSVOA_X
ClientSampleId :



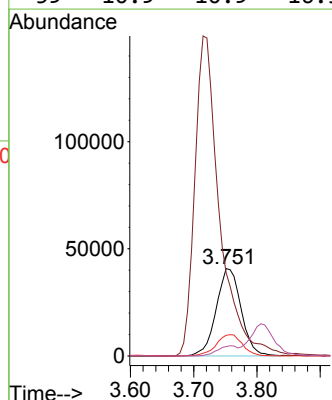
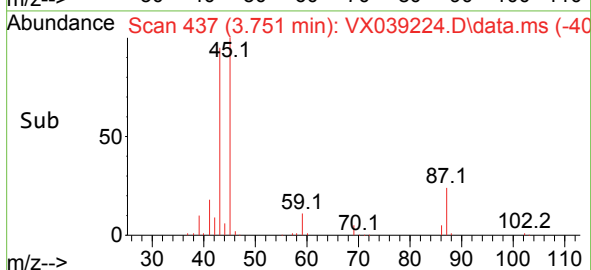
Tgt Ion: 96 Resp: 28753
Ion Ratio Lower Upper
96 100
61 158.3 117.9 176.9
98 60.6 51.0 76.6

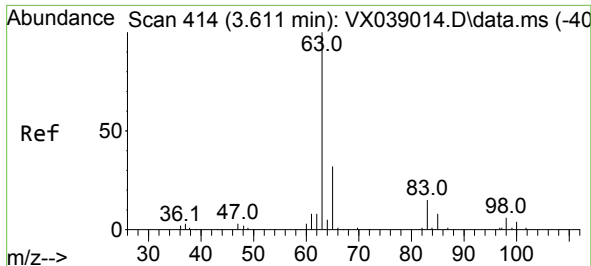


#20
Diisopropyl ether
Concen: 22.846 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05



Tgt Ion: 45 Resp: 111353
Ion Ratio Lower Upper
45 100
43 92.1 67.7 101.5
87 23.7 21.5 32.3
59 10.9 10.9 16.3

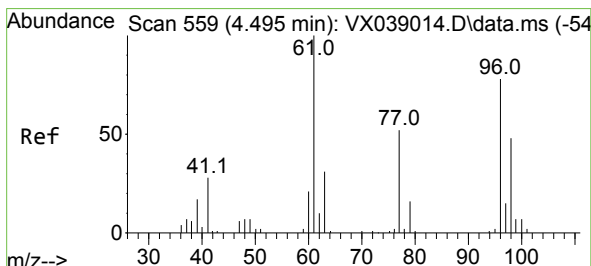
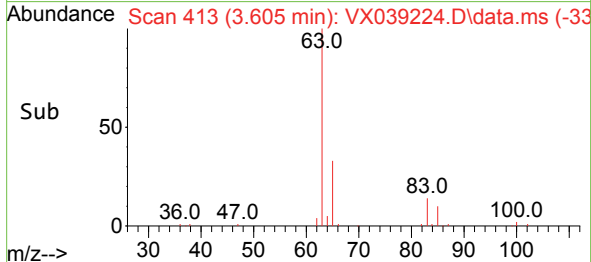
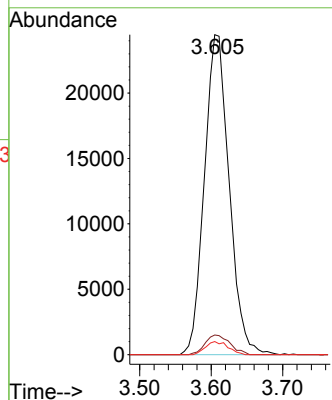
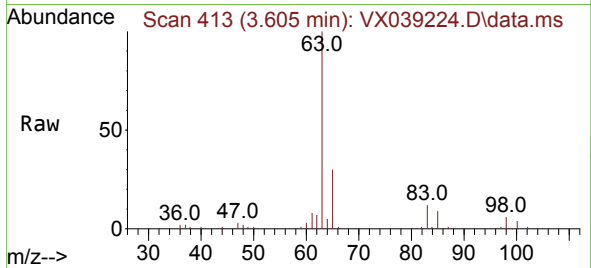




#21
1,1-Dichloroethane
Concen: 21.708 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

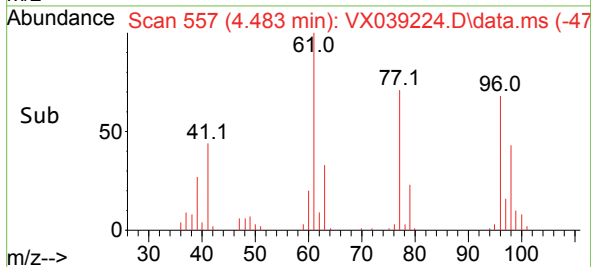
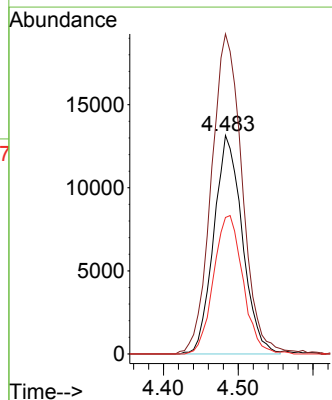
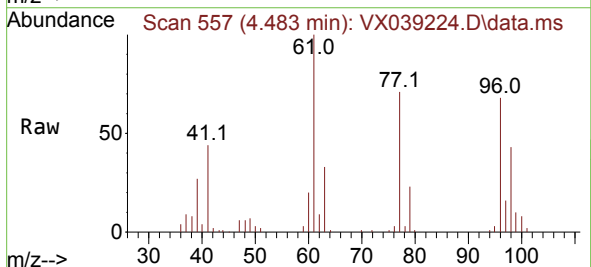
Instrument :
MSVOA_X
ClientSampleId :

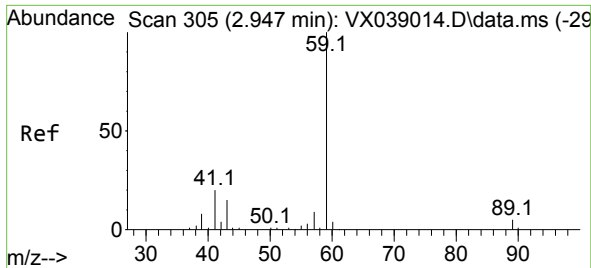
Tgt Ion: 63 Resp: 58826
Ion Ratio Lower Upper
63 100
98 6.2 2.9 8.8
100 4.1 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 20.646 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 96 Resp: 34914
Ion Ratio Lower Upper
96 100
61 157.9 119.8 179.6
98 64.9 50.9 76.3

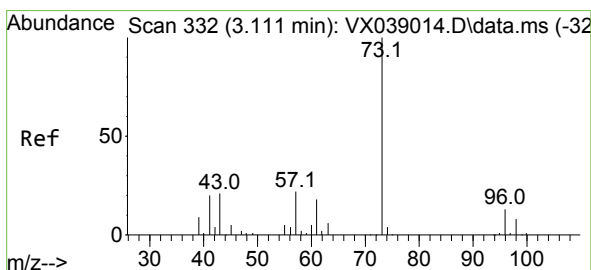
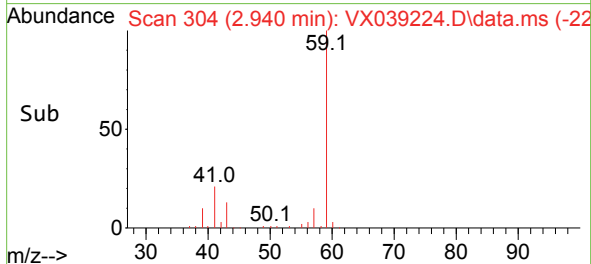
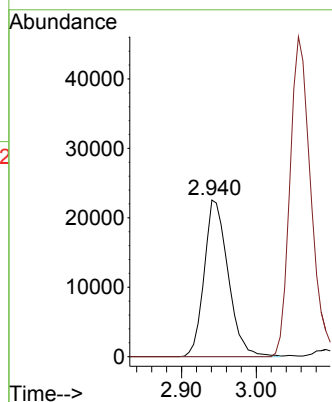
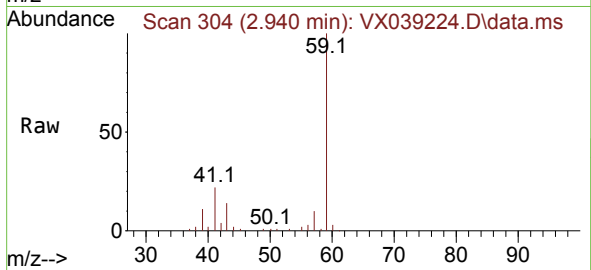




#23
tert-Butyl Alcohol
Concen: 92.118 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

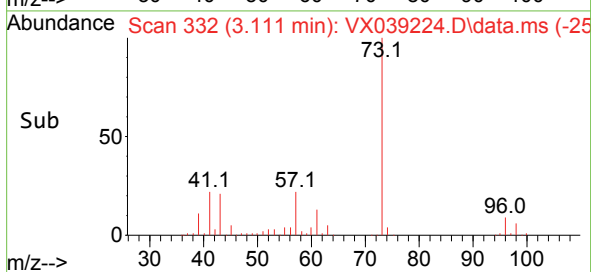
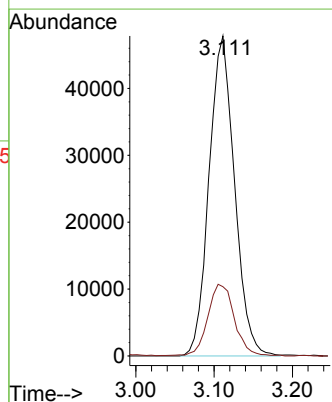
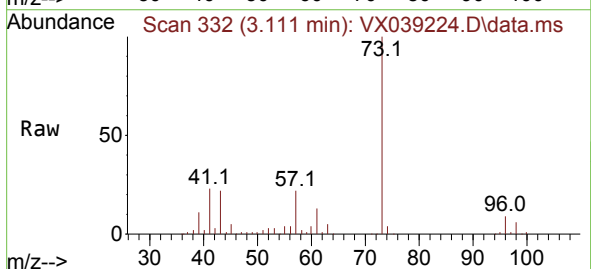
Instrument :
MSVOA_X
ClientSampleId :

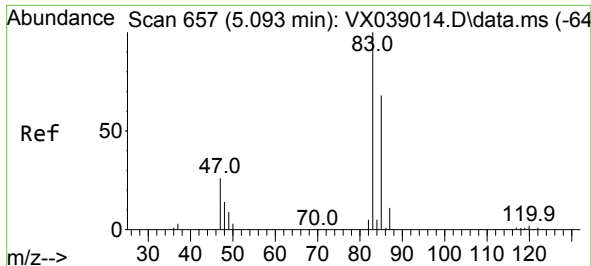
Tgt Ion: 59 Resp: 50189
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 22.769 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 73 Resp: 108212
Ion Ratio Lower Upper
73 100
43 23.2 17.0 25.6

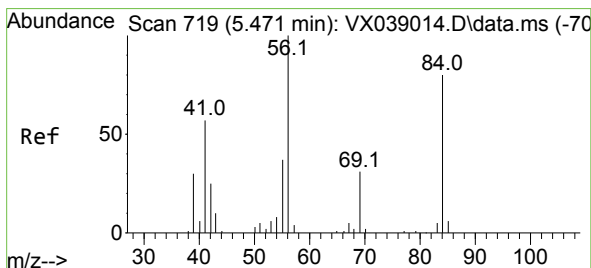
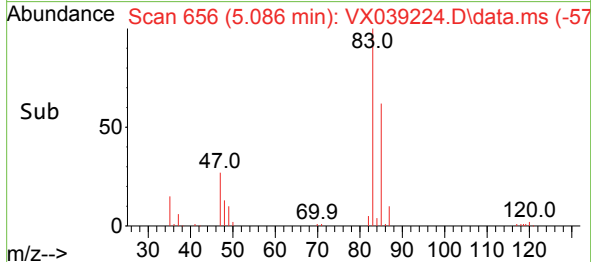
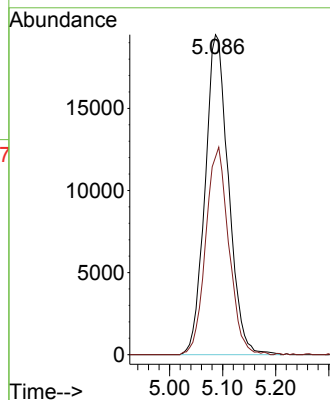
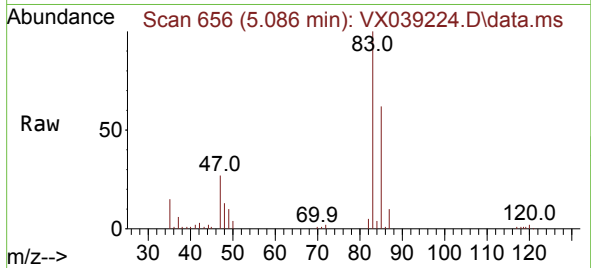




#25
Chloroform
Concen: 21.974 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

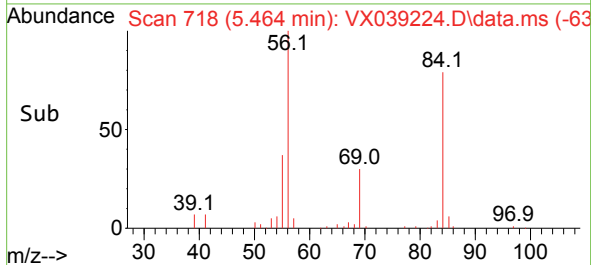
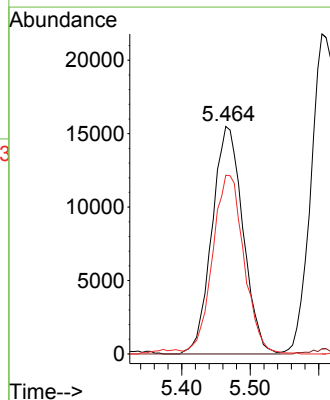
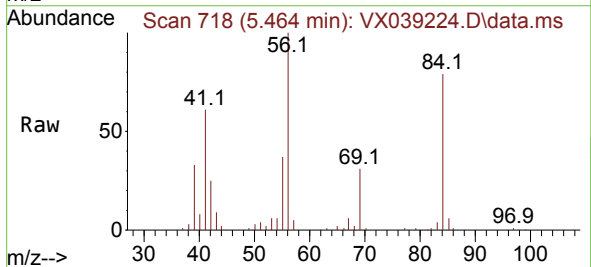
Instrument :
MSVOA_X
ClientSampleId :

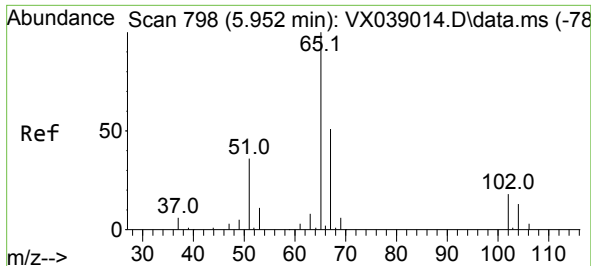
Tgt Ion: 83 Resp: 59767
Ion Ratio Lower Upper
83 100
85 61.8 54.6 81.8



#26
Cyclohexane
Concen: 19.803 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 56 Resp: 48571
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.9 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 31.660 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

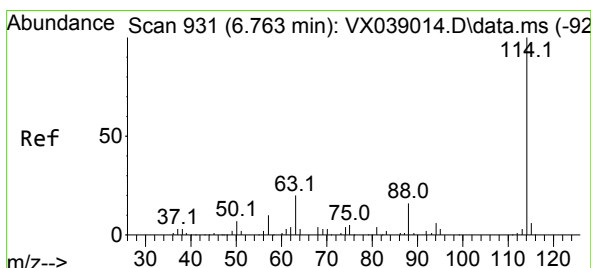
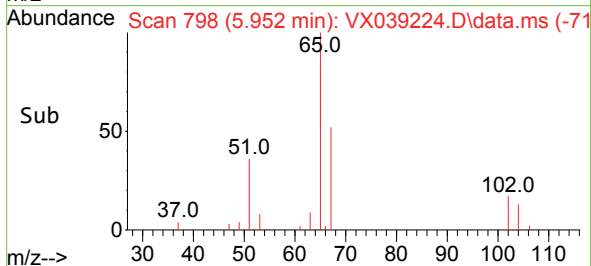
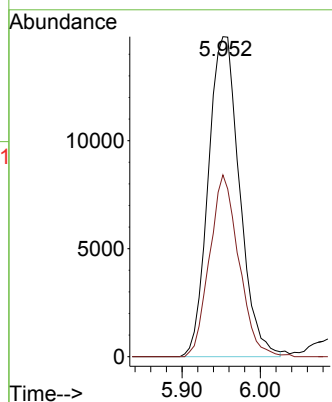
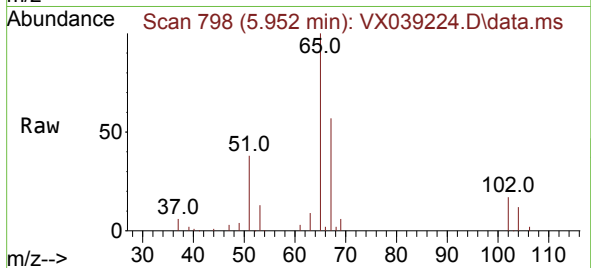
ClientSampleId :

Tgt Ion: 65 Resp: 41082

Ion Ratio Lower Upper

65 100

67 53.1 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: VX039224.D

Acq: 15 Dec 2023 11:05

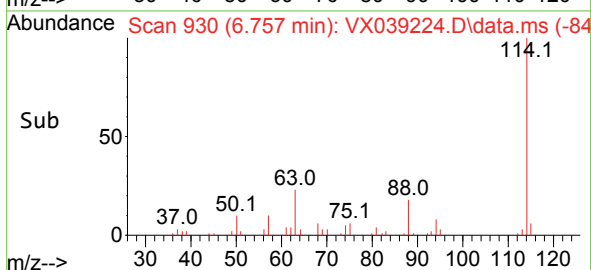
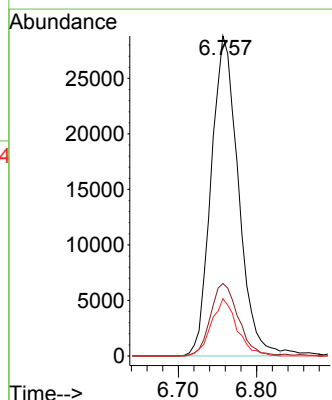
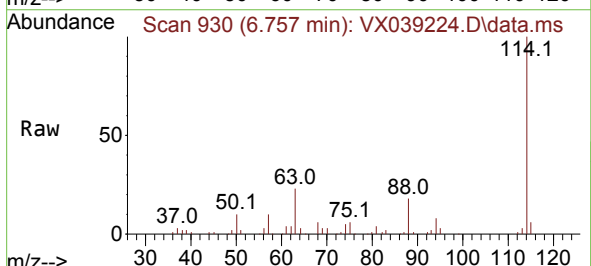
Tgt Ion: 114 Resp: 69486

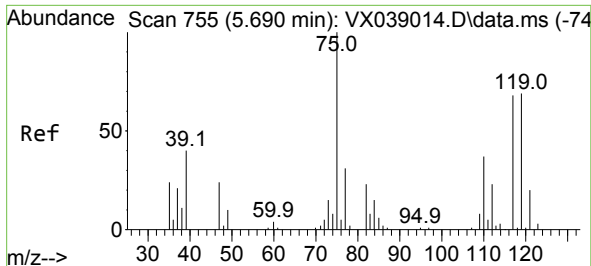
Ion Ratio Lower Upper

114 100

63 23.1 17.0 25.4

88 16.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.803 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.000 min

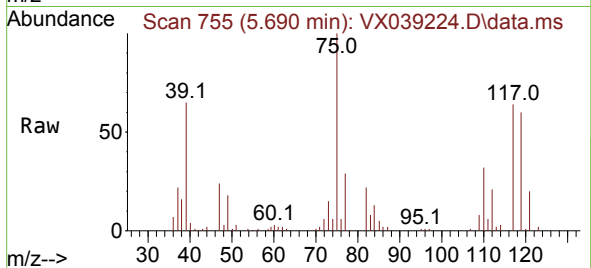
Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :



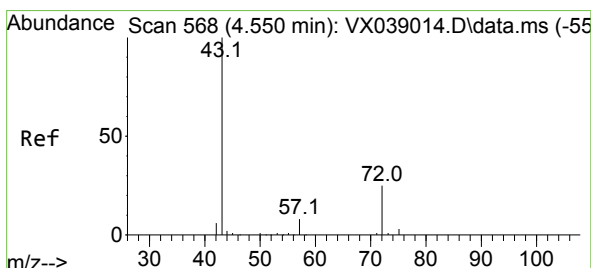
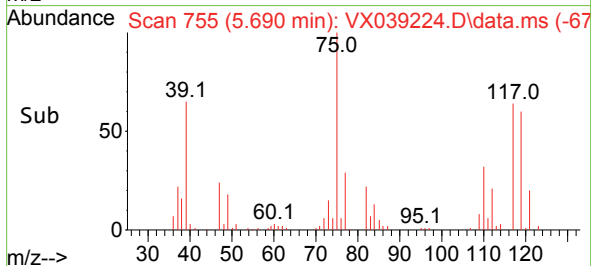
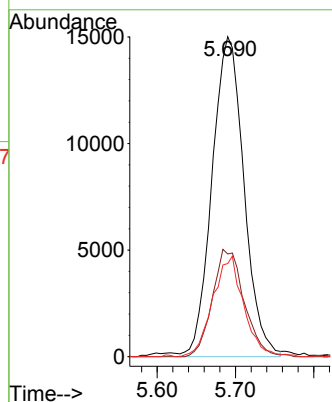
Tgt Ion: 75 Resp: 42470

Ion Ratio Lower Upper

75 100

110 33.2 0.0 71.2

77 30.5 0.0 62.6



#30

2-Butanone

Concen: 109.299 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

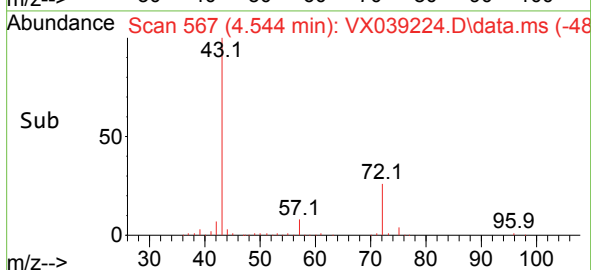
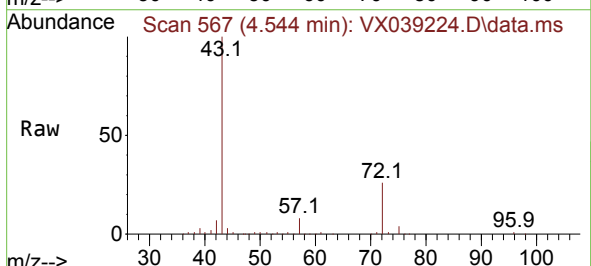
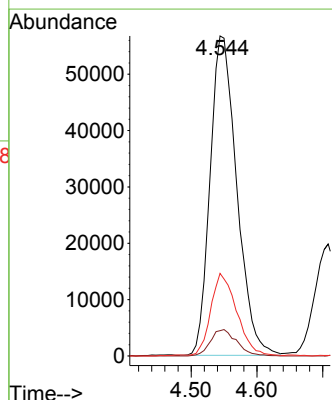
Tgt Ion: 43 Resp: 160294

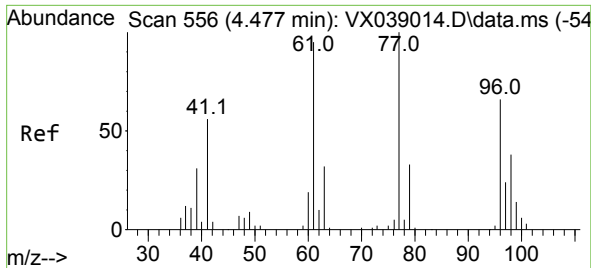
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 25.2 20.6 31.0

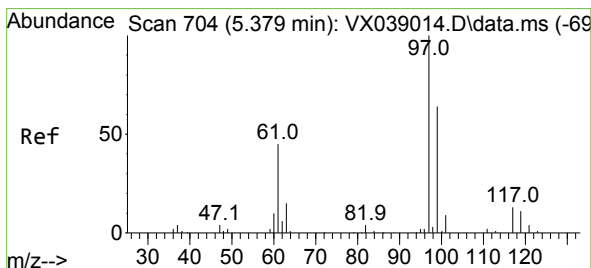
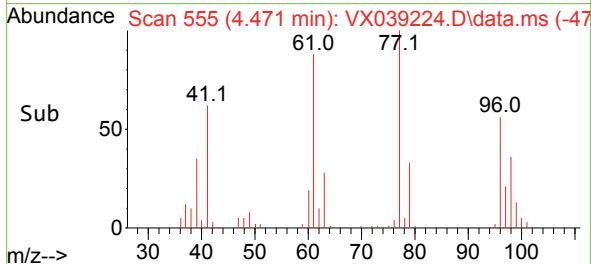
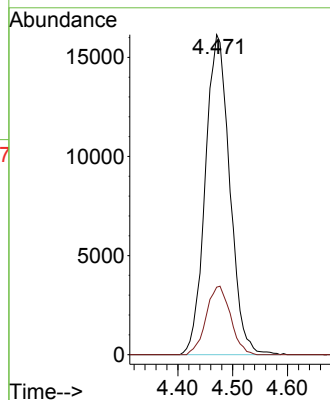
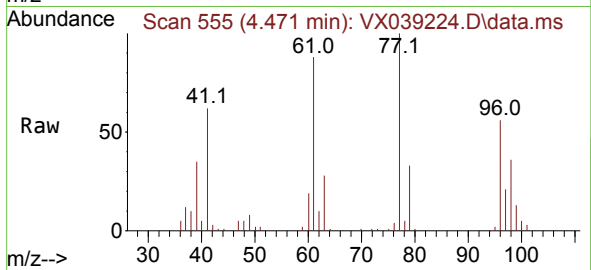




#31
2,2-Dichloropropane
Concen: 22.441 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

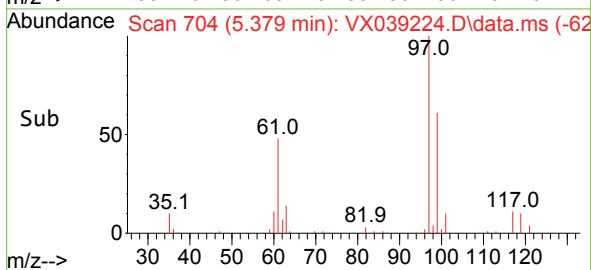
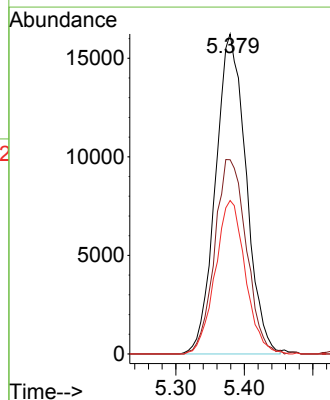
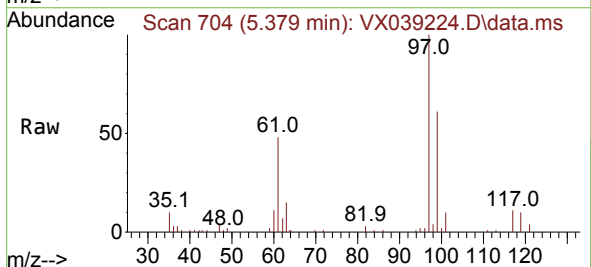
Instrument :
MSVOA_X
ClientSampleId :

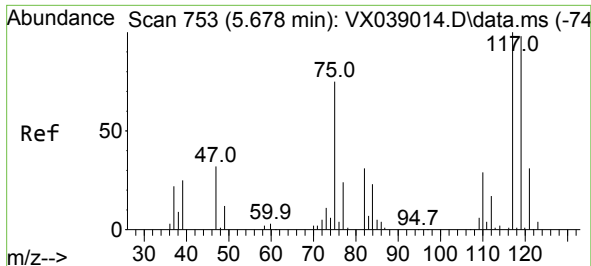
Tgt Ion: 77 Resp: 49979
Ion Ratio Lower Upper
77 100
97 21.3 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 22.283 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

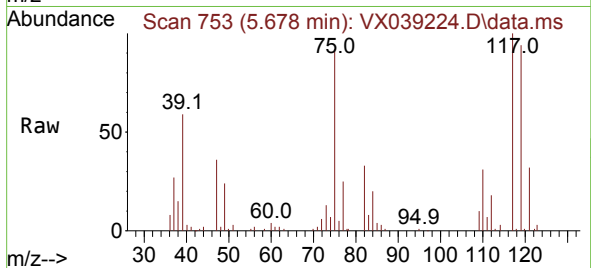
Tgt Ion: 97 Resp: 50168
Ion Ratio Lower Upper
97 100
99 63.1 52.6 79.0
61 47.4 36.9 55.3



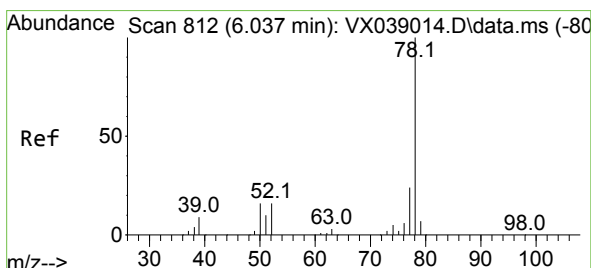
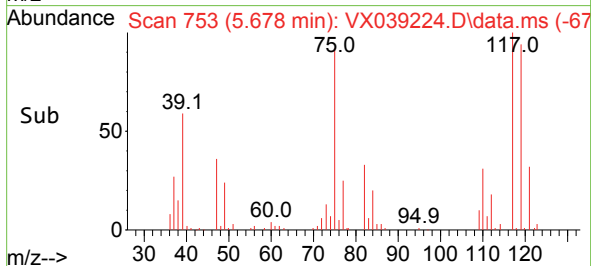
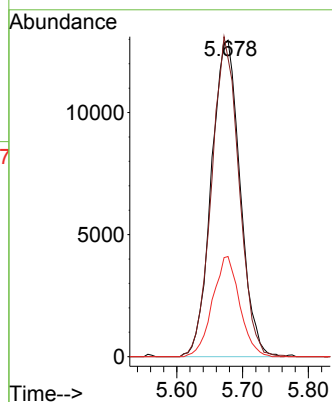


#33
Carbon Tetrachloride
Concen: 20.738 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :

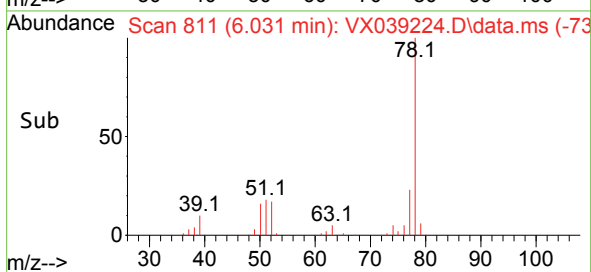
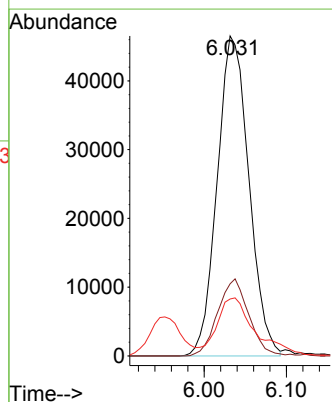
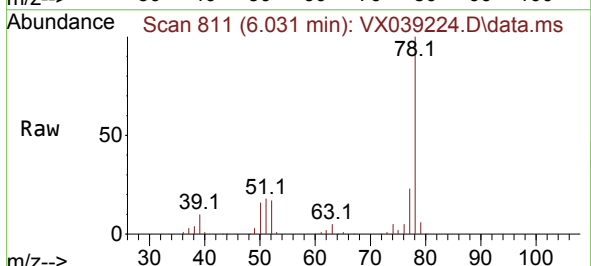


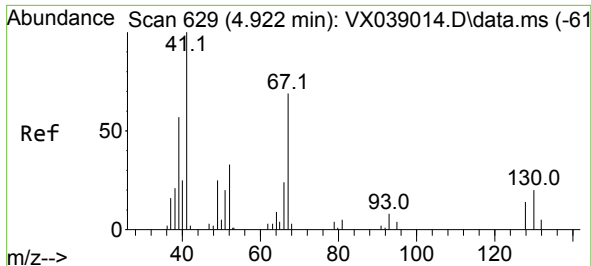
Tgt Ion:117 Resp: 39328
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4
121 31.7 24.7 37.1



#34
Benzene
Concen: 22.002 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 78 Resp: 124849
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9
51 14.1 14.4 21.6#

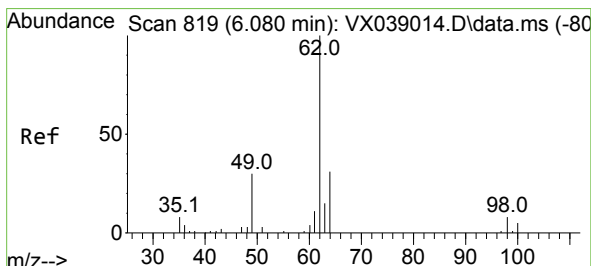
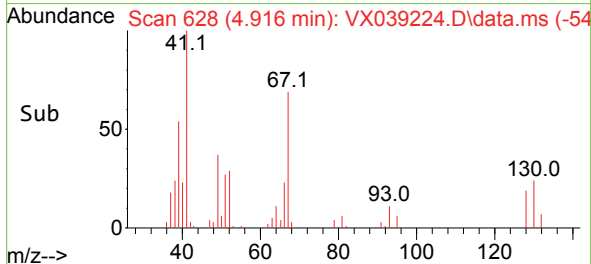
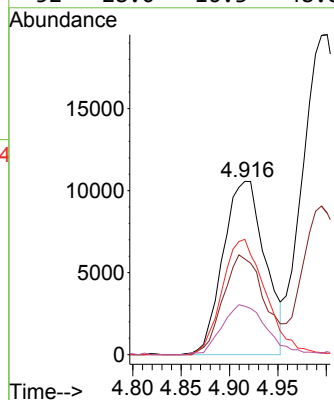
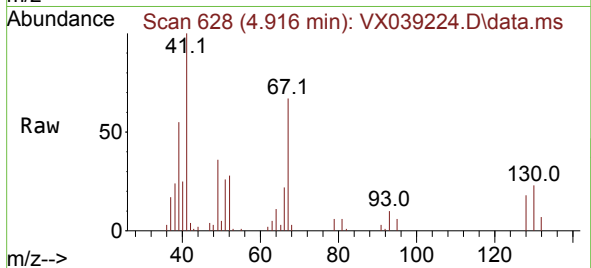




#35
Methacrylonitrile
Concen: 24.570 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

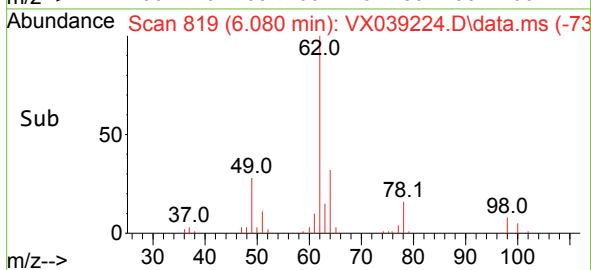
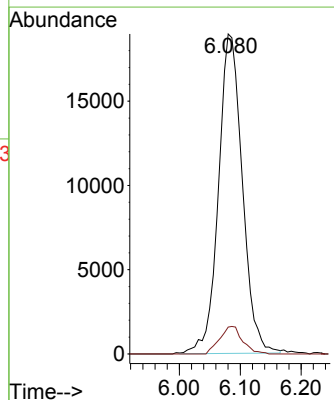
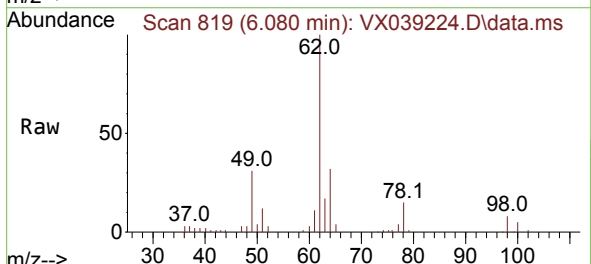
Instrument :
MSVOA_X
ClientSampleId :

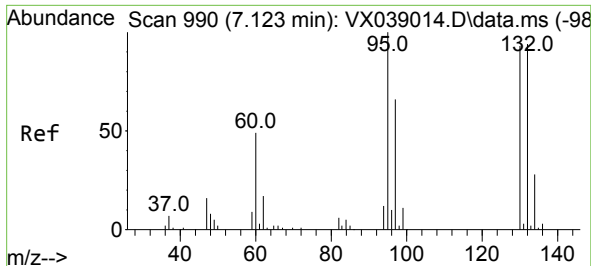
Tgt Ion:	41	Resp:	31918
Ion	Ratio	Lower	Upper
41	100		
39	55.3	28.2	84.7
67	66.6	34.5	103.5
52	28.0	16.3	48.8



#36
1,2-Dichloroethane
Concen: 24.777 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

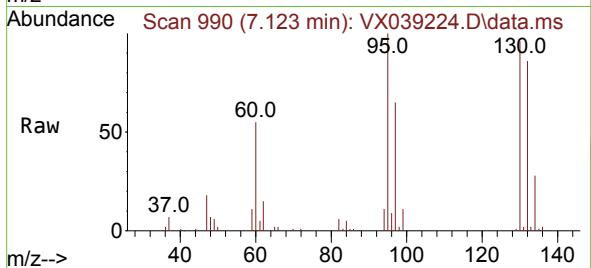
Tgt Ion:	62	Resp:	51587
Ion	Ratio	Lower	Upper
62	100		
98	8.2	7.0	10.4



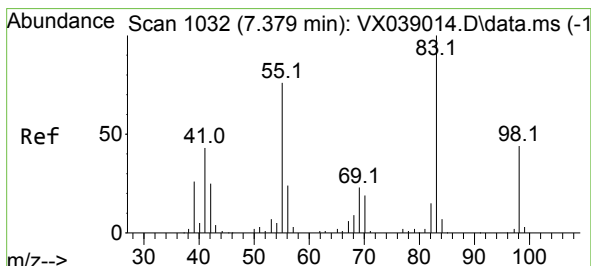
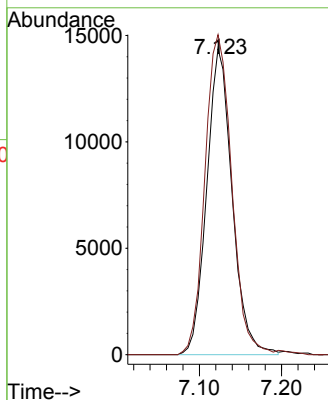
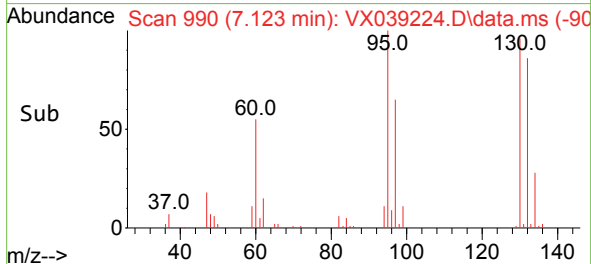


#37
Trichloroethene
Concen: 21.539 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :

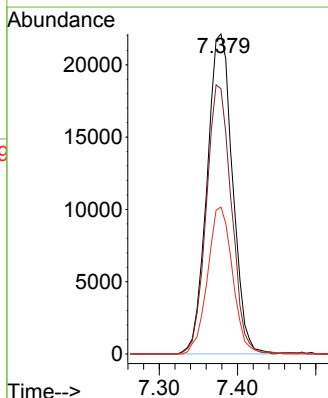
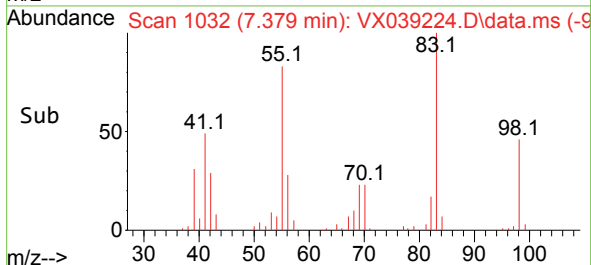
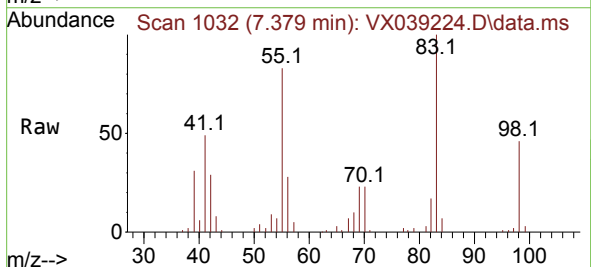


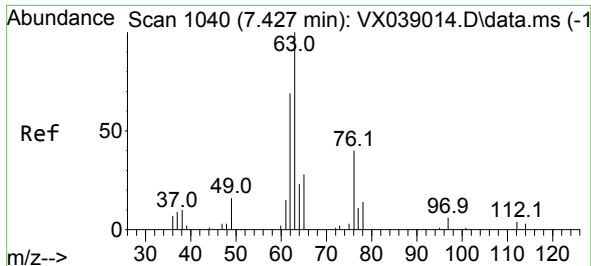
Tgt Ion:130 Resp: 31020
Ion Ratio Lower Upper
130 100
95 104.6 85.8 128.8



#38
Methylcyclohexane
Concen: 20.699 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 83 Resp: 50237
Ion Ratio Lower Upper
83 100
55 82.3 38.6 116.0
98 44.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 22.791 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

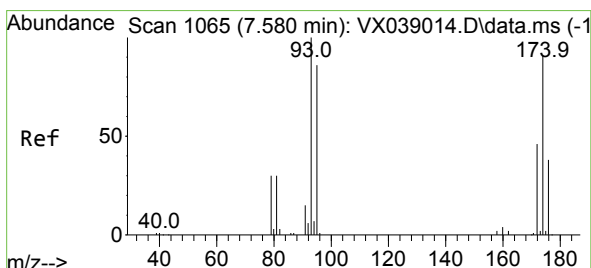
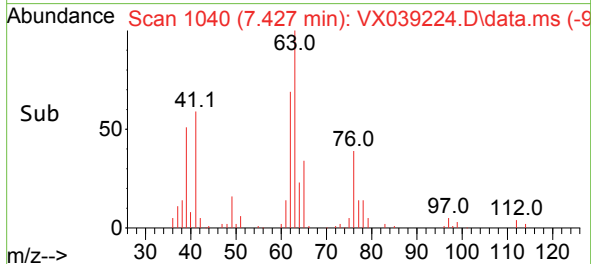
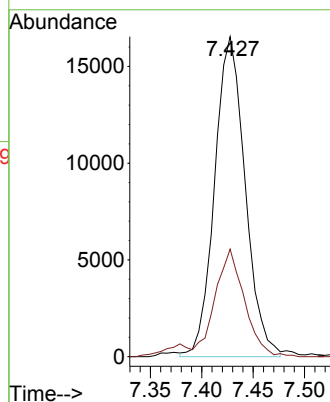
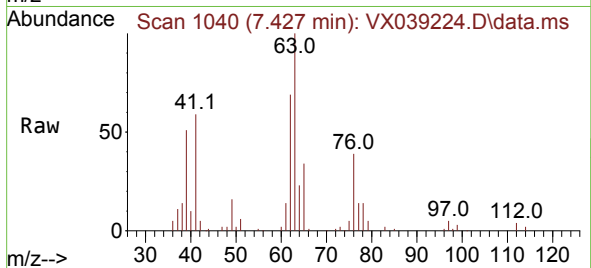
ClientSampleId :

Tgt Ion: 63 Resp: 34107

Ion Ratio Lower Upper

63 100

65 33.0 24.6 37.0



#40

Dibromomethane

Concen: 22.695 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

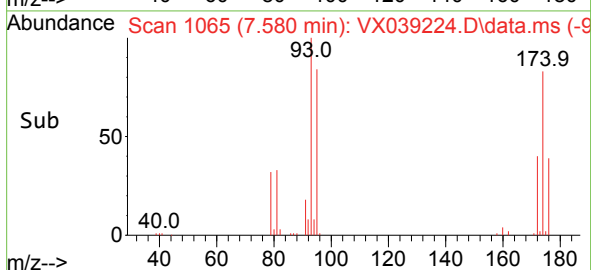
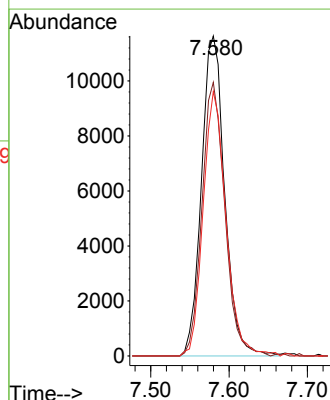
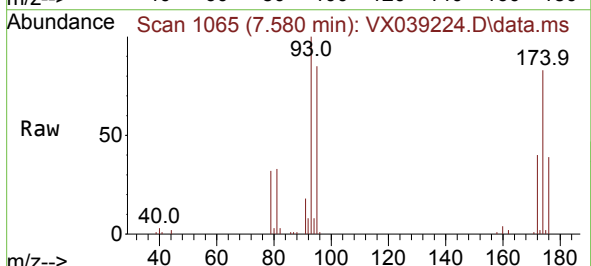
Tgt Ion: 93 Resp: 23997

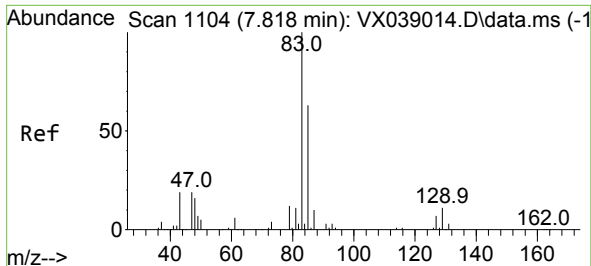
Ion Ratio Lower Upper

93 100

95 84.0 0.0 163.4

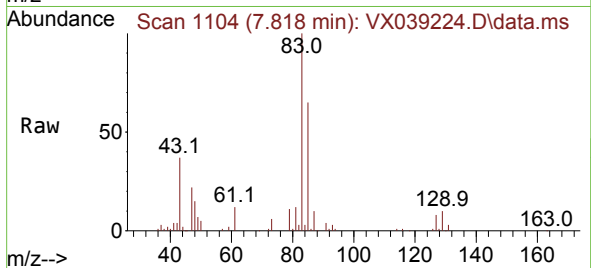
174 81.2 0.0 166.4



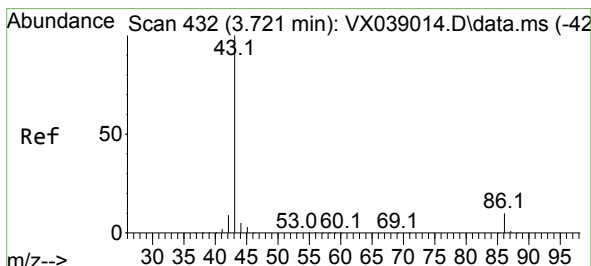
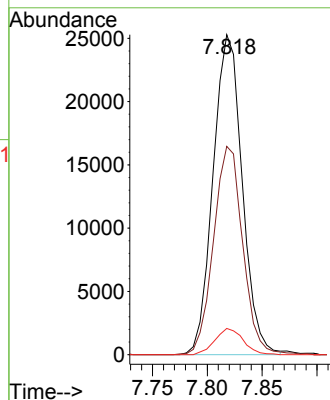
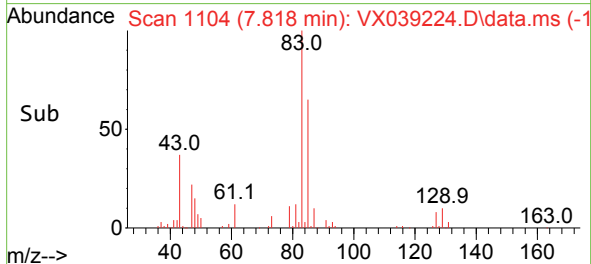


#41
Bromodichloromethane
Concen: 22.993 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :

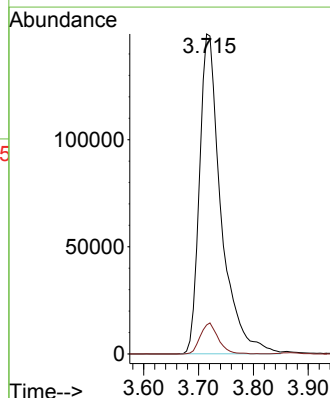
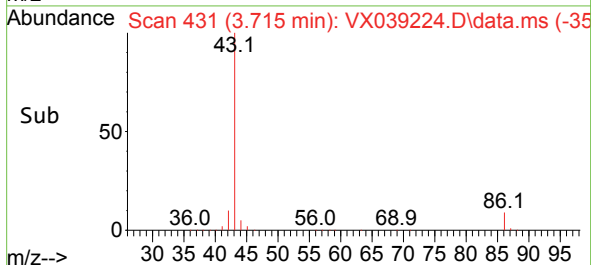
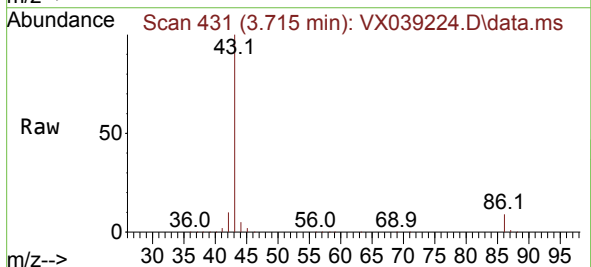


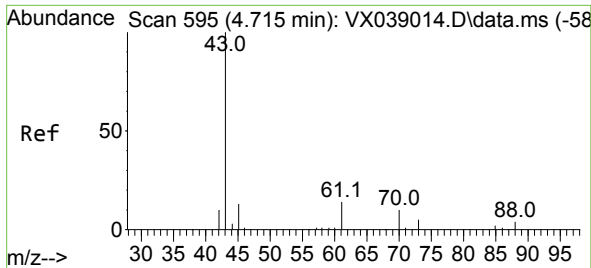
Tgt Ion: 83 Resp: 46706
Ion Ratio Lower Upper
83 100
85 64.8 50.8 76.2
127 8.2 5.9 8.9



#42
Vinyl Acetate
Concen: 116.871 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 43 Resp: 408236
Ion Ratio Lower Upper
43 100
86 8.1 6.7 10.1

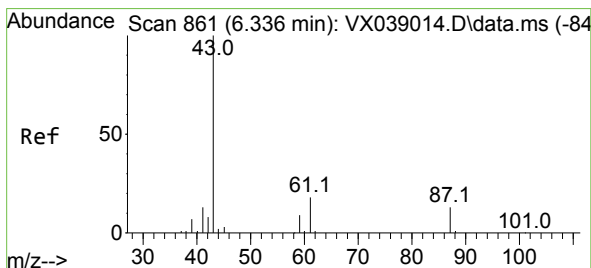
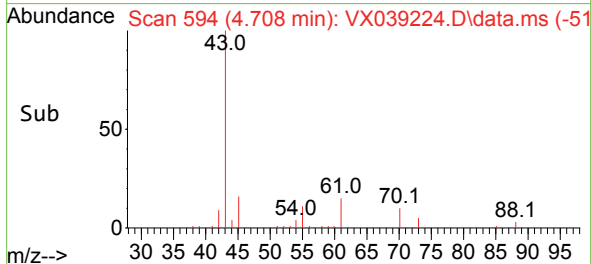
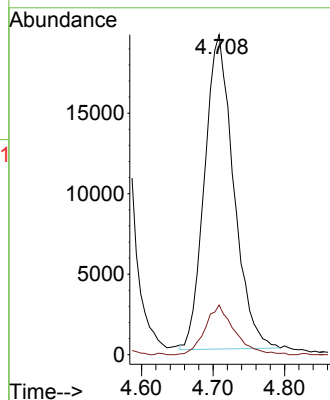
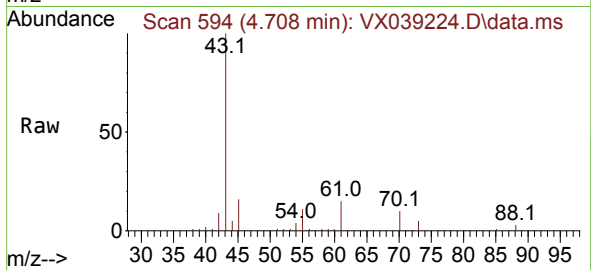




#43
Ethyl Acetate
Concen: 21.827 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

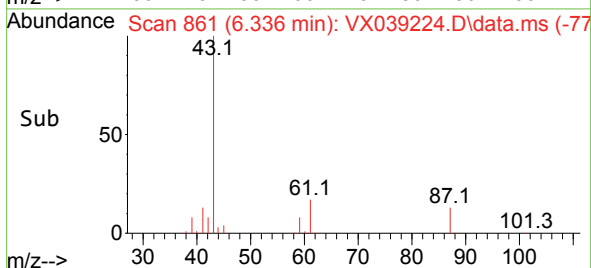
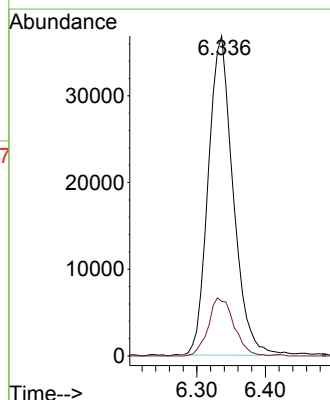
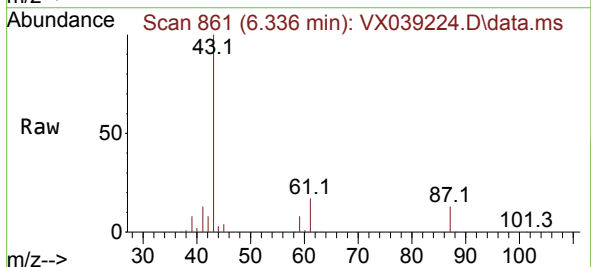
Instrument :
MSVOA_X
ClientSampleId :

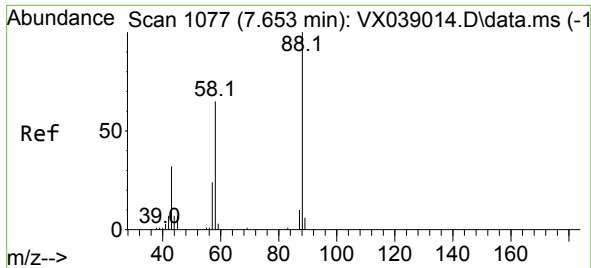
Tgt Ion: 43 Resp: 55072
Ion Ratio Lower Upper
43 100
45 15.9 11.8 17.8



#44
Isopropyl Acetate
Concen: 23.283 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 43 Resp: 92605
Ion Ratio Lower Upper
43 100
61 18.8 15.6 23.4

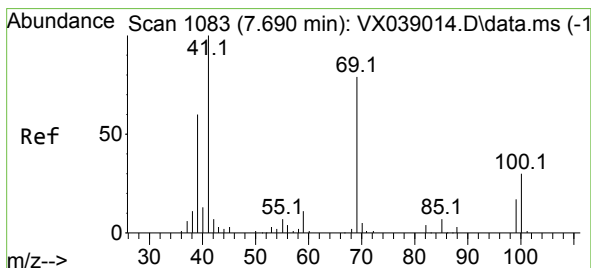
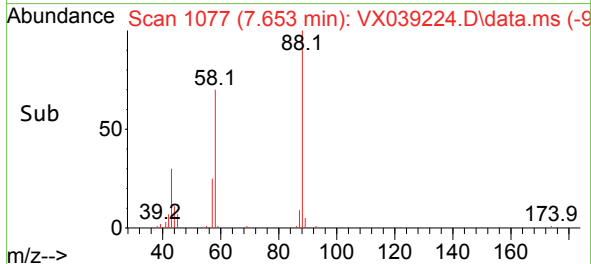
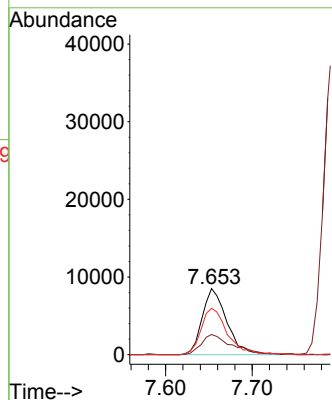
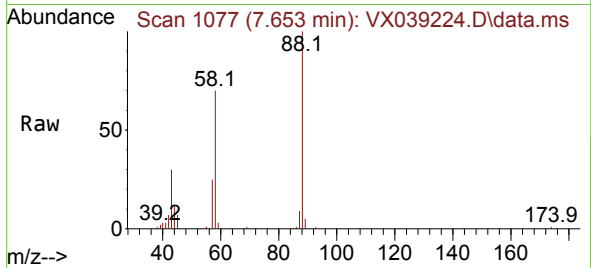




#45
1,4-Dioxane
Concen: 411.364 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

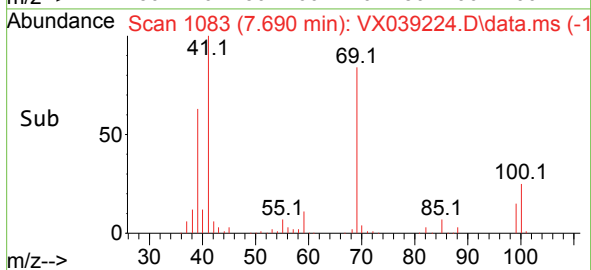
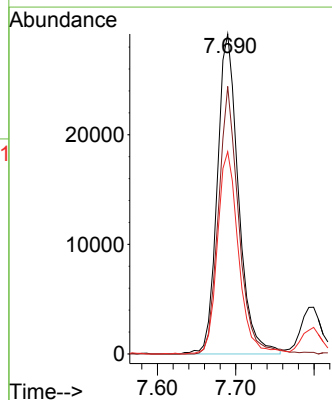
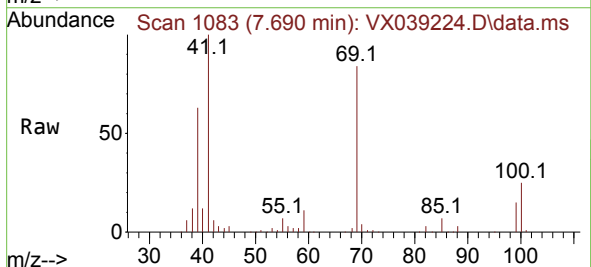
Instrument :
MSVOA_X
ClientSampleId :

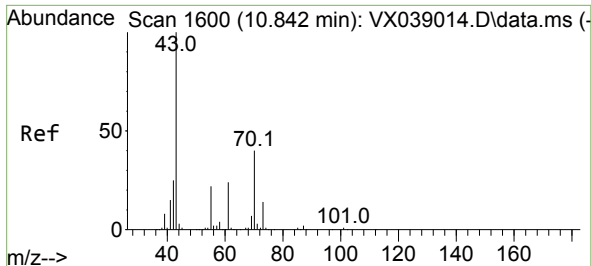
Tgt Ion: 88 Resp: 16703
Ion Ratio Lower Upper
88 100
43 39.2 28.1 42.1
58 74.5 57.7 86.5



#46
Methyl methacrylate
Concen: 24.116 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

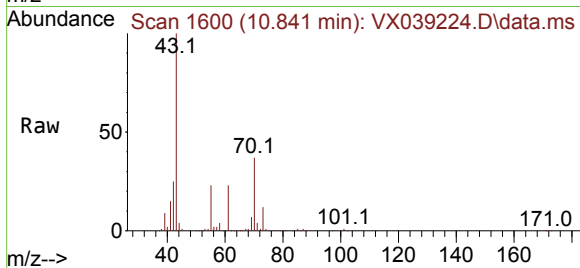
Tgt Ion: 41 Resp: 54841
Ion Ratio Lower Upper
41 100
69 83.6 39.6 118.8
39 63.2 30.1 90.3



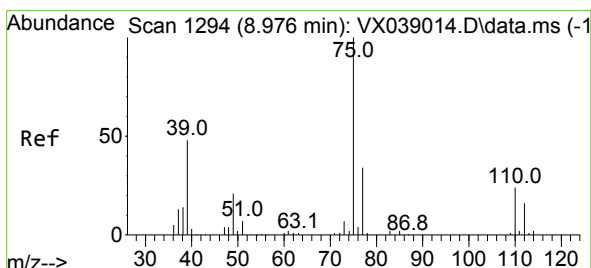
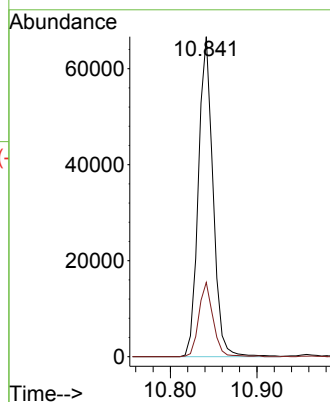
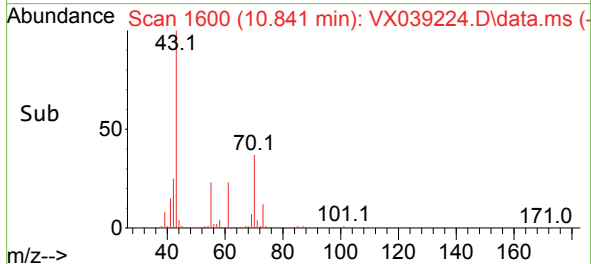


#47
n-amyl acetate
Concen: 23.216 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :

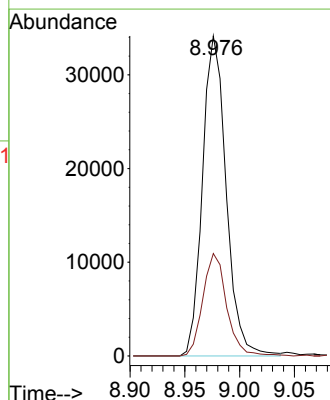
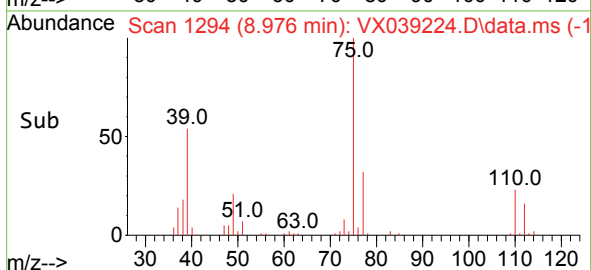
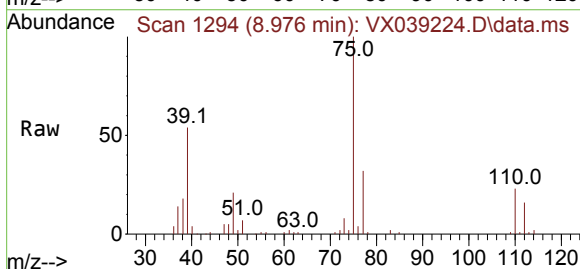


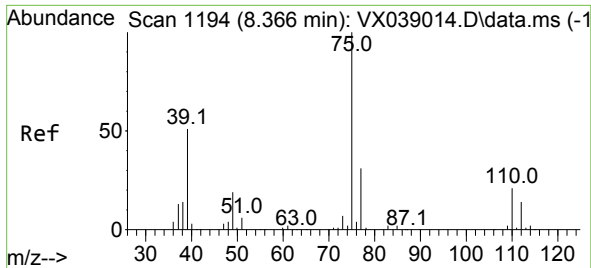
Tgt Ion: 43 Resp: 78158
Ion Ratio Lower Upper
43 100
55 22.5 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 21.825 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 75 Resp: 51405
Ion Ratio Lower Upper
75 100
77 32.0 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 22.715 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

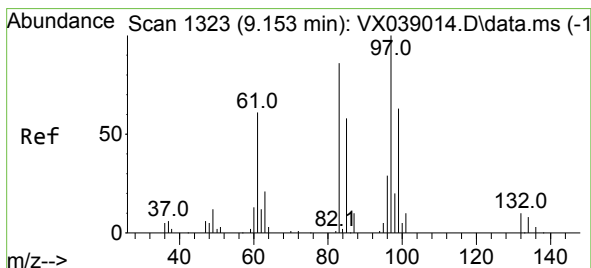
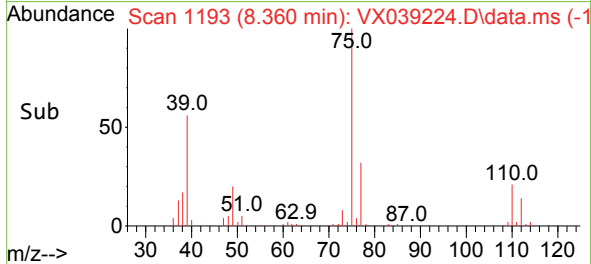
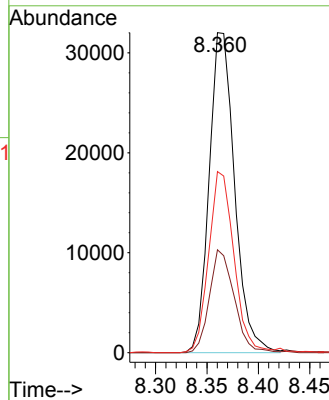
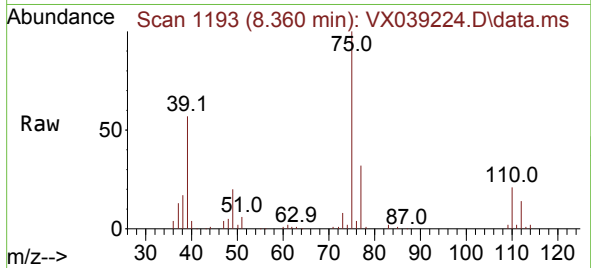
Tgt Ion: 75 Resp: 55193

Ion Ratio Lower Upper

75 100

77 32.1 24.4 36.6

39 56.6 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 23.802 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Tgt Ion: 97 Resp: 34187

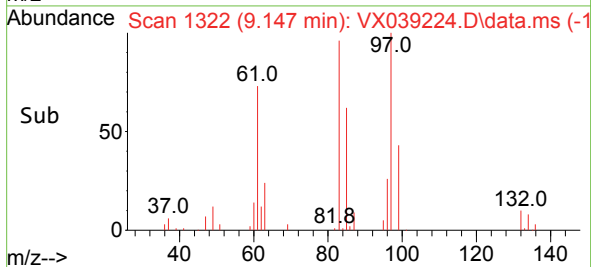
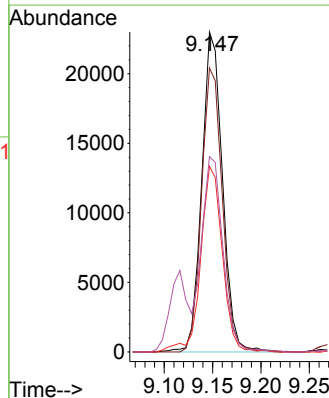
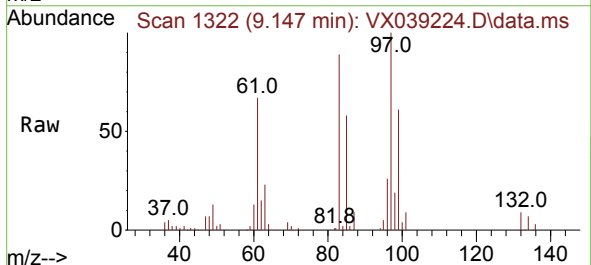
Ion Ratio Lower Upper

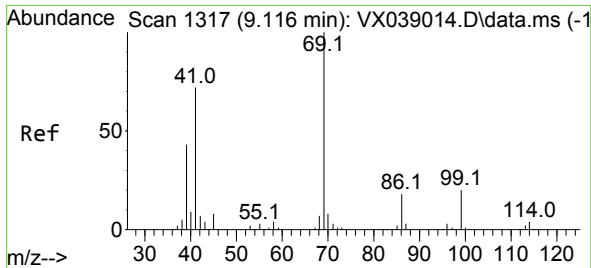
97 100

83 88.7 69.0 103.6

85 58.0 46.3 69.5

99 60.7 50.9 76.3

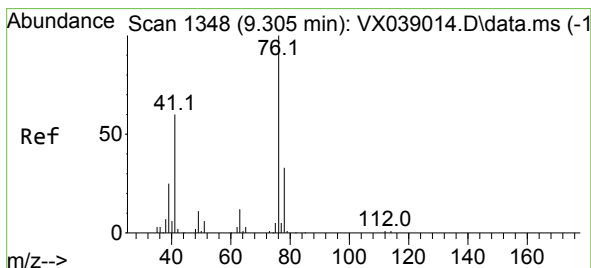
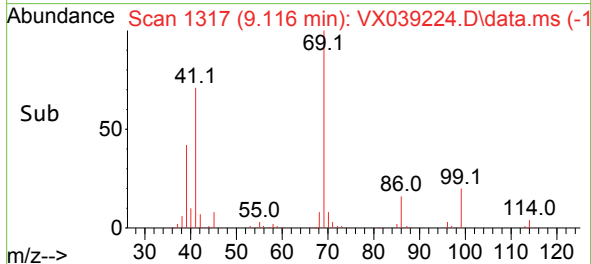
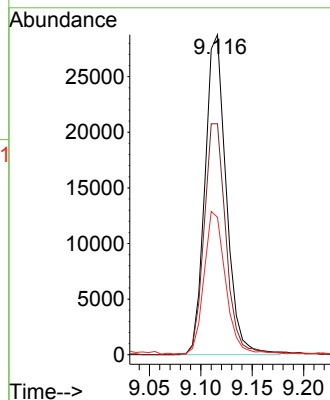
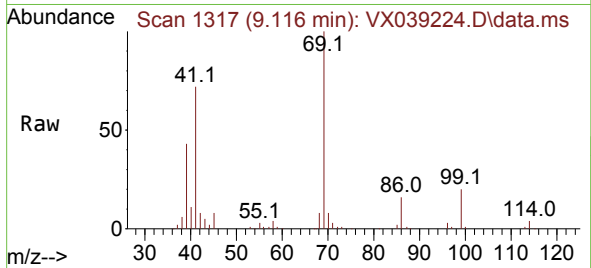




#51
Ethyl methacrylate
Concen: 23.109 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

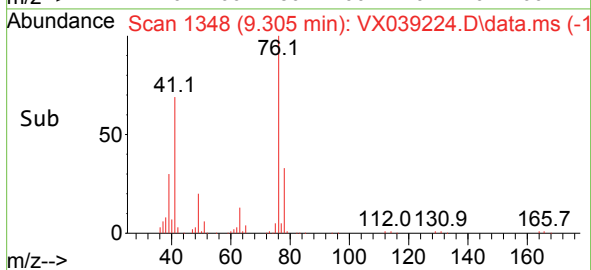
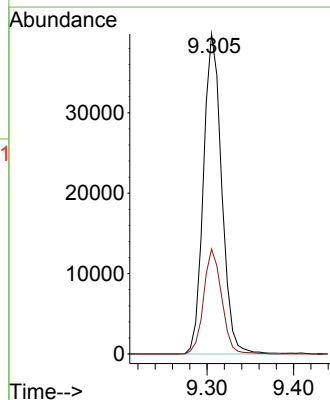
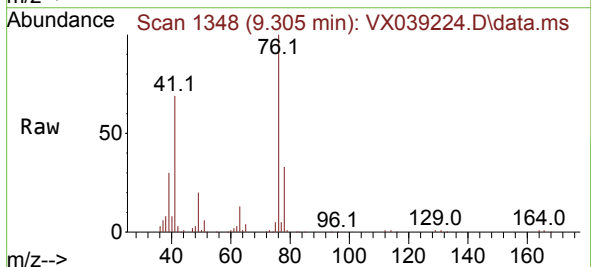
Instrument :
MSVOA_X
ClientSampleId :

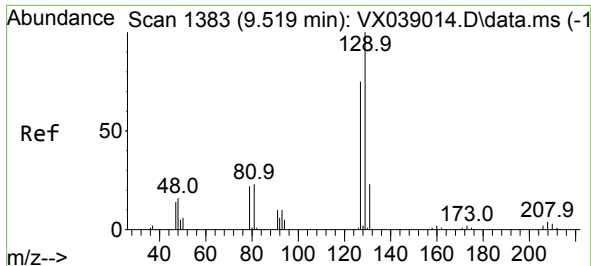
Tgt Ion: 69 Resp: 41550
Ion Ratio Lower Upper
69 100
41 72.0 36.2 108.6
39 42.6 21.1 63.4



#52
1,3-Dichloropropane
Concen: 23.651 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 76 Resp: 58249
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0

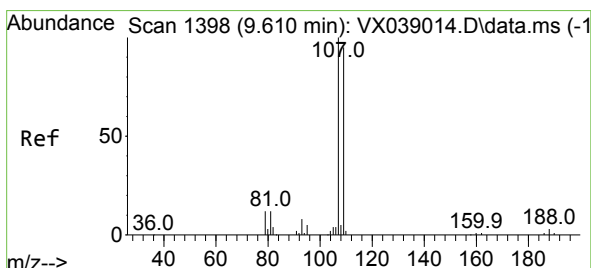
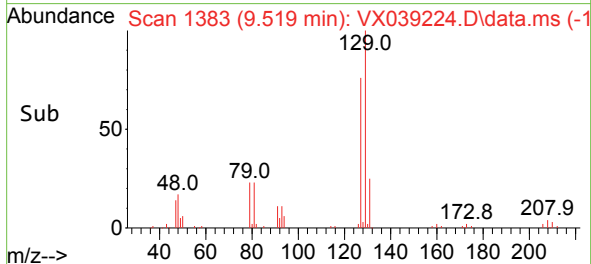
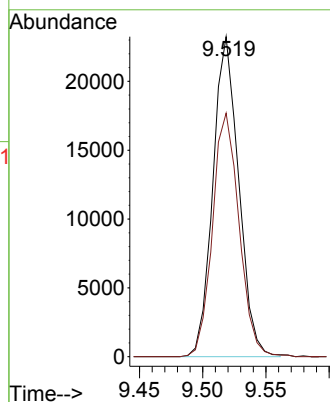
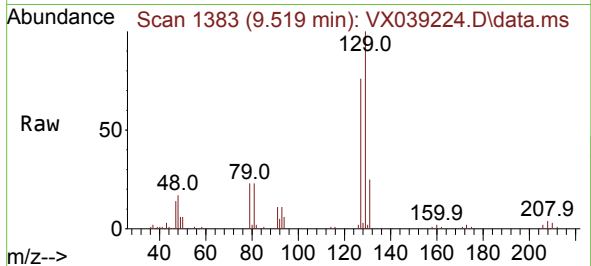




#53
Dibromochloromethane
Concen: 21.327 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

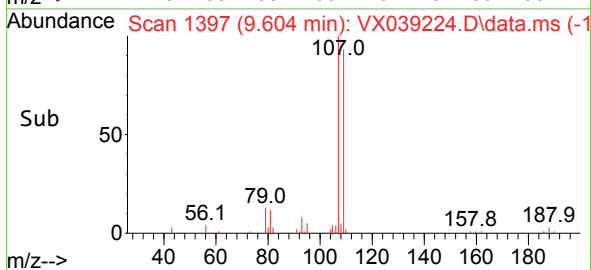
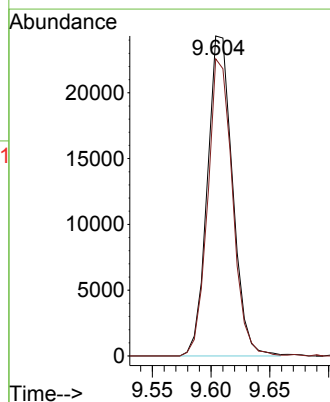
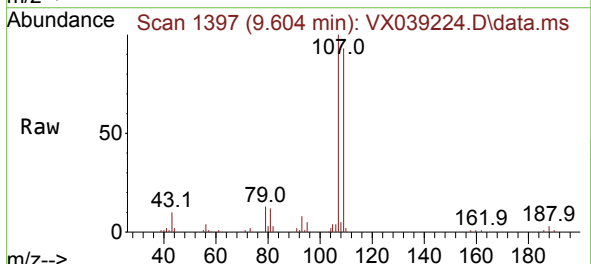
Instrument :
MSVOA_X
ClientSampleId :

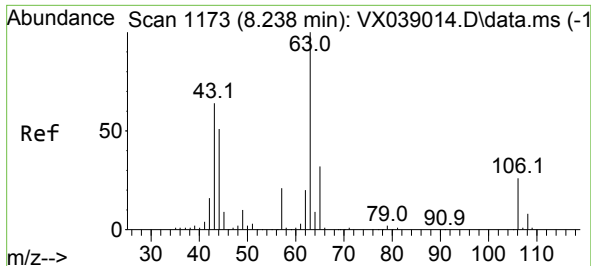
Tgt Ion:129 Resp: 32898
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9



#54
1,2-Dibromoethane
Concen: 23.129 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion:107 Resp: 36432
Ion Ratio Lower Upper
107 100
109 91.0 75.1 112.7

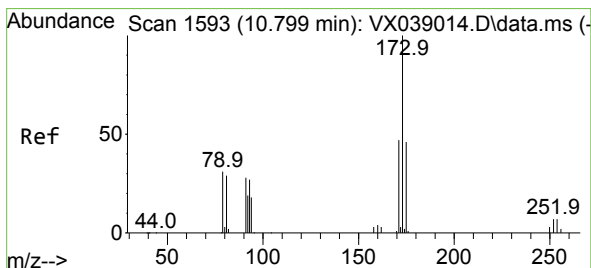
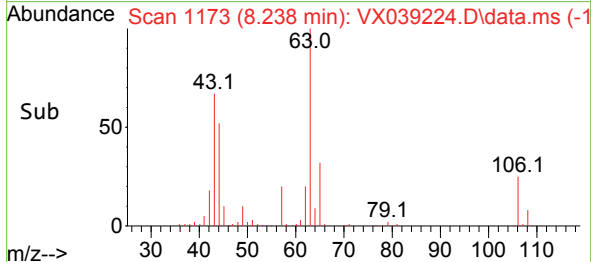
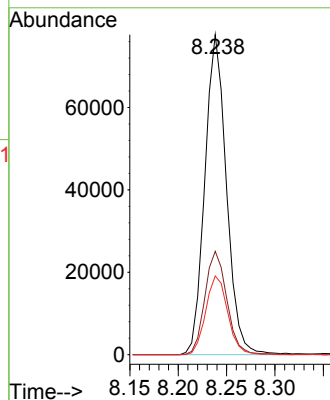
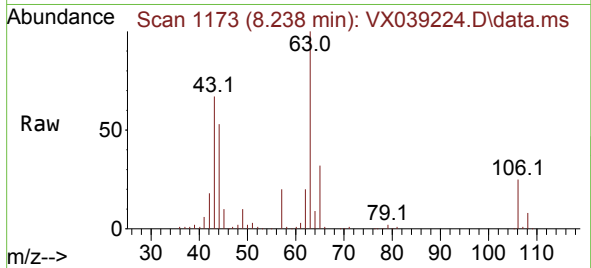




#55
2-Chloroethyl vinyl ether
Concen: 105.886 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

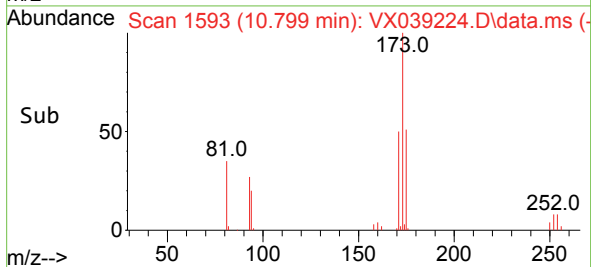
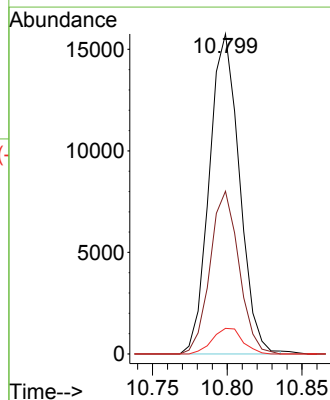
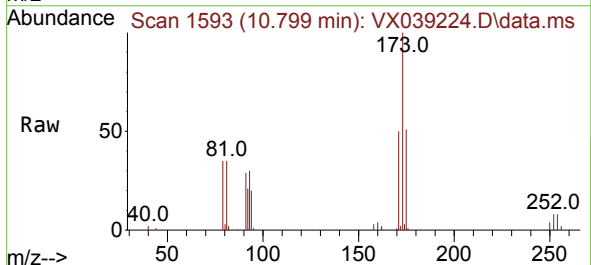
Instrument :
MSVOA_X
ClientSampleId :

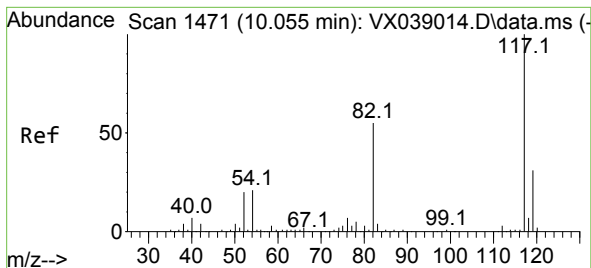
Tgt Ion: 63 Resp: 120672
Ion Ratio Lower Upper
63 100
65 32.8 25.8 38.6
106 25.1 20.6 31.0



#56
Bromoform
Concen: 19.836 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 173 Resp: 22084
Ion Ratio Lower Upper
173 100
175 48.8 37.6 56.4
254 8.0 5.8 8.8

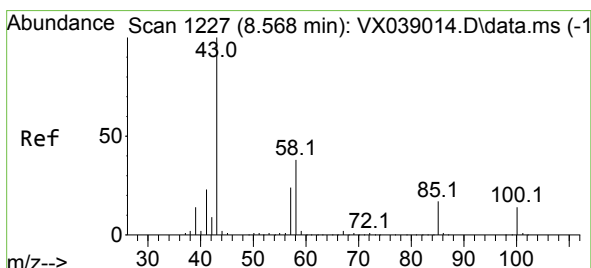
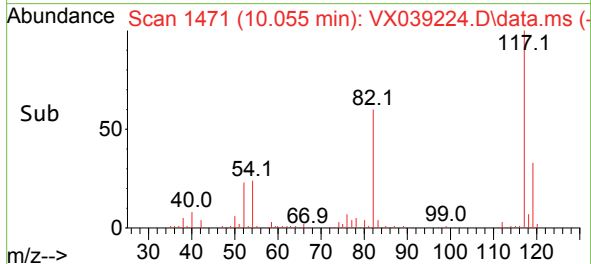
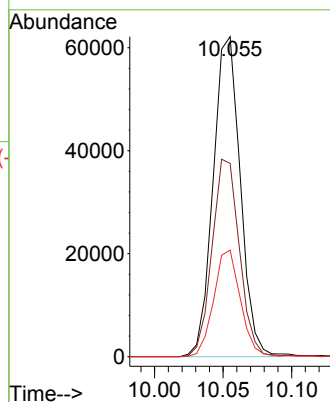
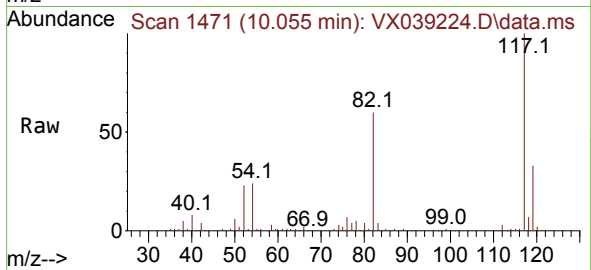




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

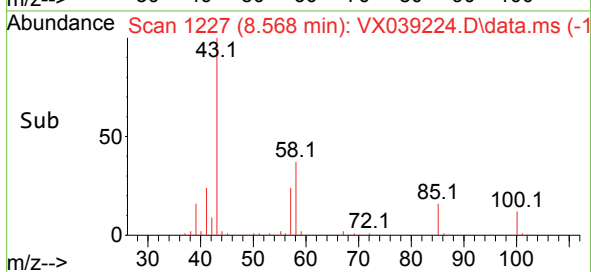
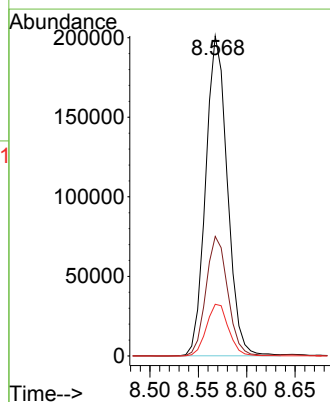
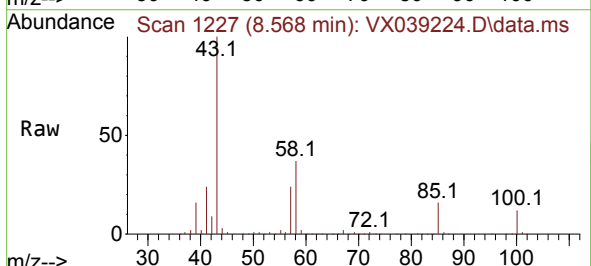
Instrument :
MSVOA_X
ClientSampleId :

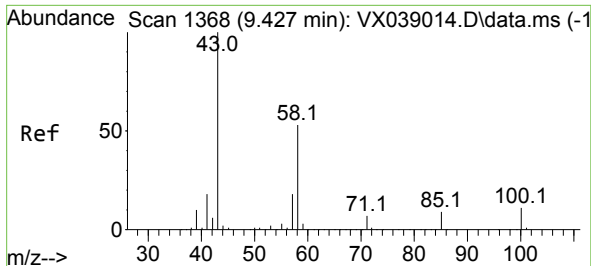
Tgt Ion:117 Resp: 85743
Ion Ratio Lower Upper
117 100
82 62.3 47.0 70.6
119 32.9 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 120.627 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 43 Resp: 313647
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1
85 16.5 13.9 20.9





#59

2-Hexanone

Concen: 119.262 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

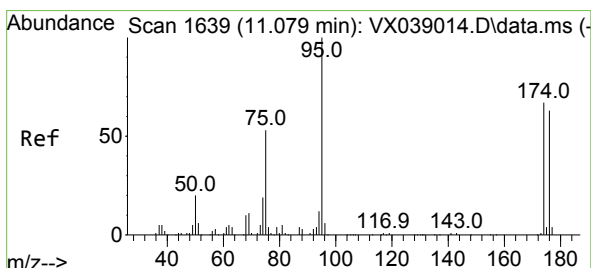
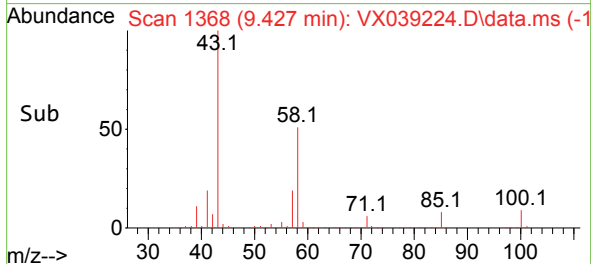
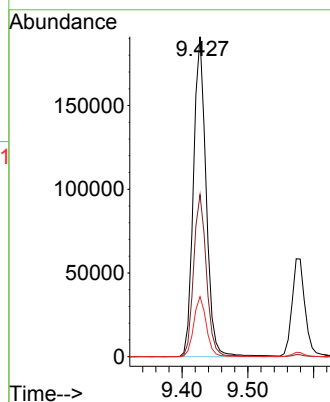
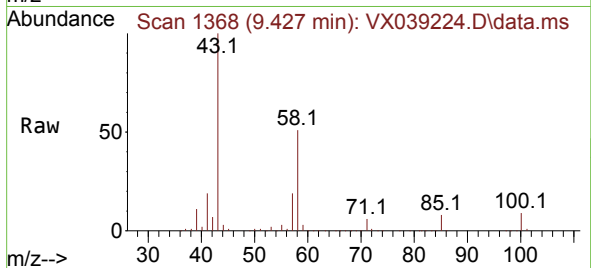
Tgt Ion: 43 Resp: 254540

Ion Ratio Lower Upper

43 100

58 50.9 42.7 64.1

57 18.6 14.8 22.2



#60

4-Bromofluorobenzene

Concen: 31.778 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

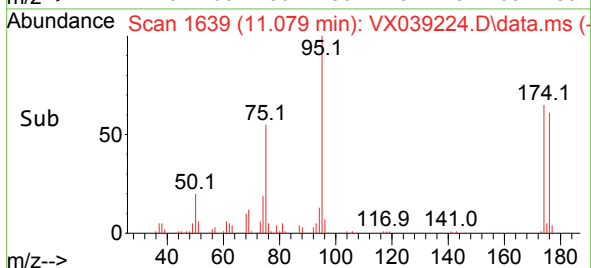
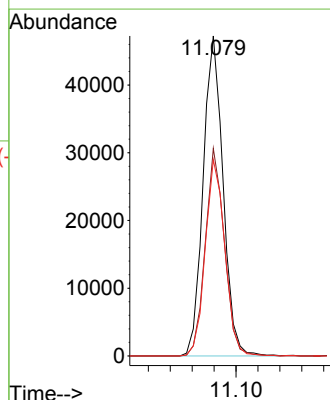
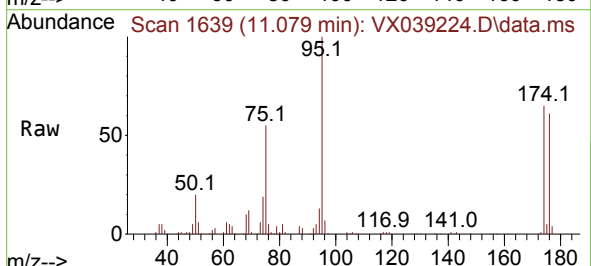
Tgt Ion: 95 Resp: 59513

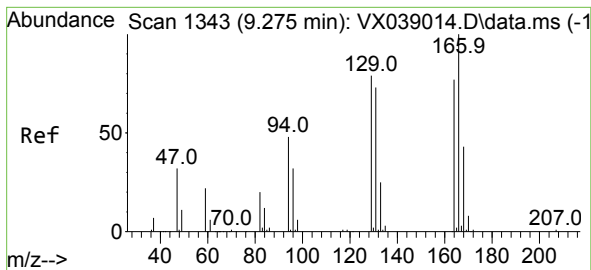
Ion Ratio Lower Upper

95 100

174 62.2 55.4 83.2

176 60.6 52.6 78.8





#61

Tetrachloroethene

Concen: 20.978 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

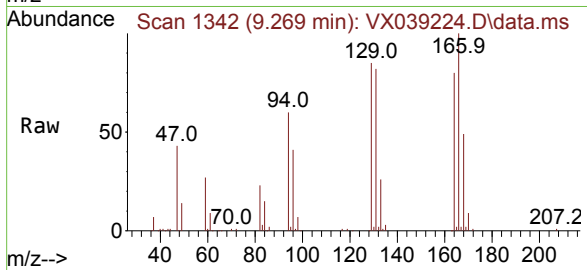
Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 23386

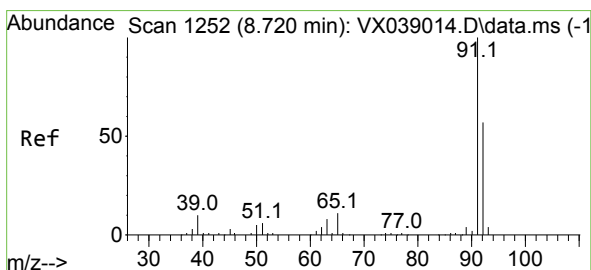
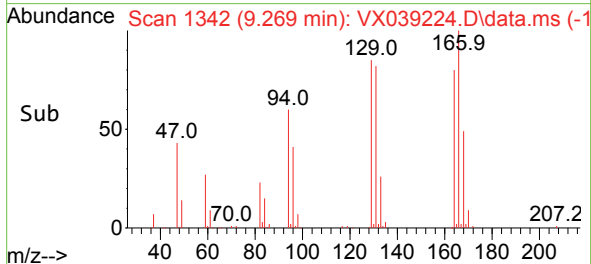
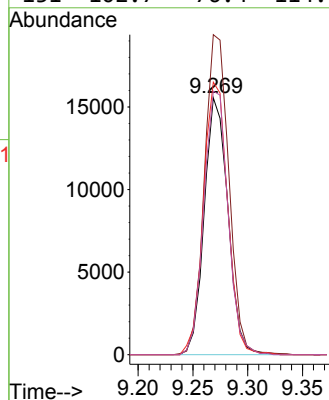
Ion Ratio Lower Upper

164 100

166 124.2 104.0 156.0

129 106.1 82.0 123.0

131 102.7 76.4 114.6



#62

Toluene

Concen: 22.079 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039224.D

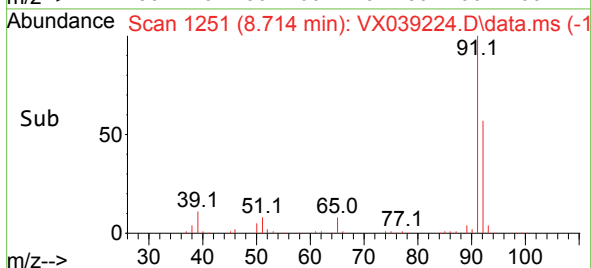
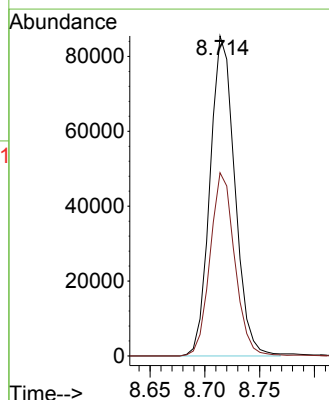
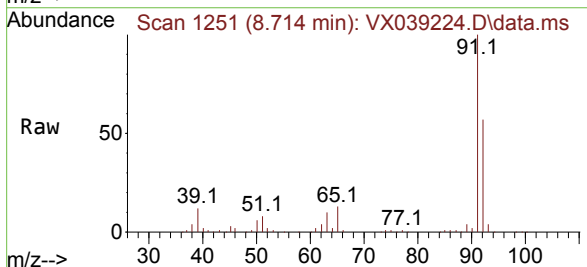
Acq: 15 Dec 2023 11:05

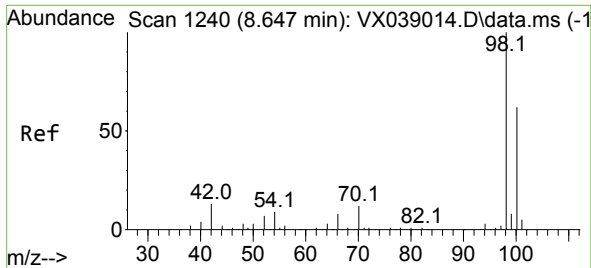
Tgt Ion: 91 Resp: 134408

Ion Ratio Lower Upper

91 100

92 56.8 45.9 68.9

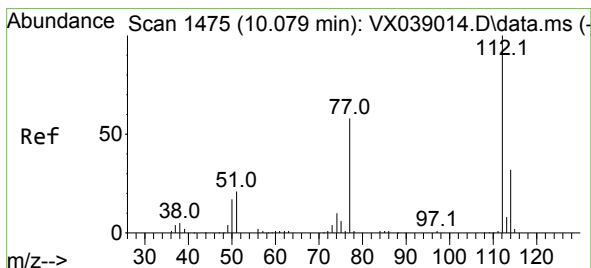
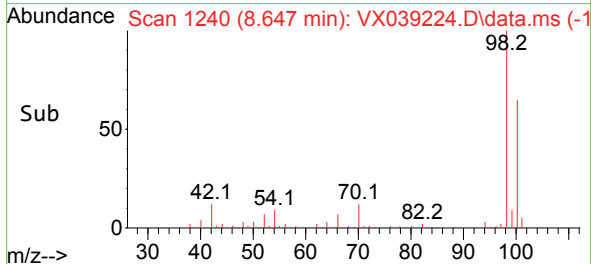
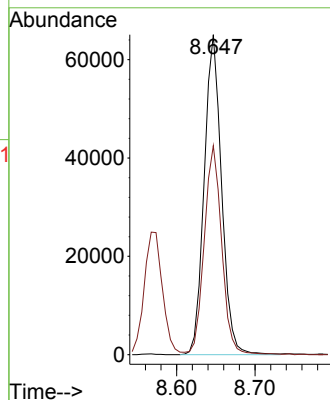
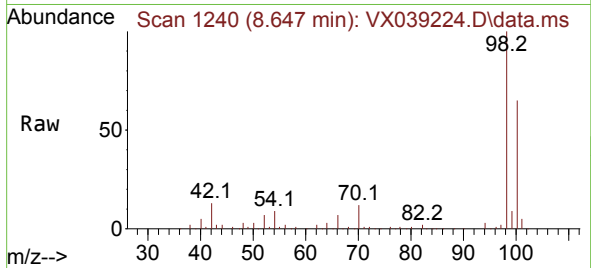




#63
Toluene-d8
Concen: 29.578 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

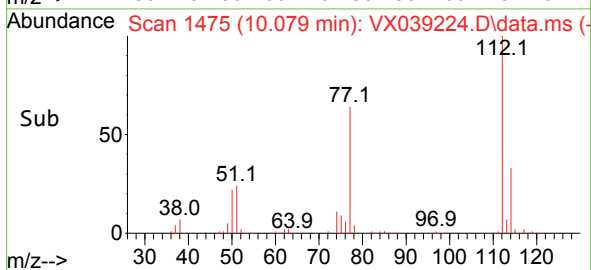
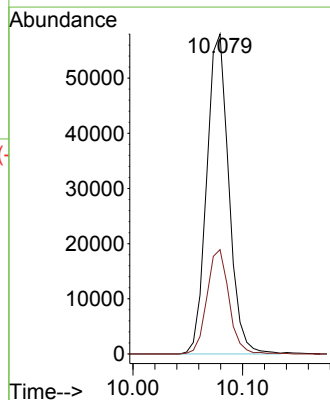
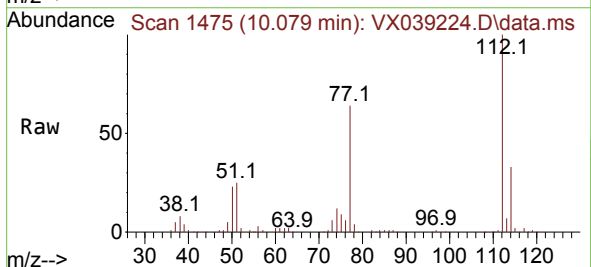
Instrument :
MSVOA_X
ClientSampleId :

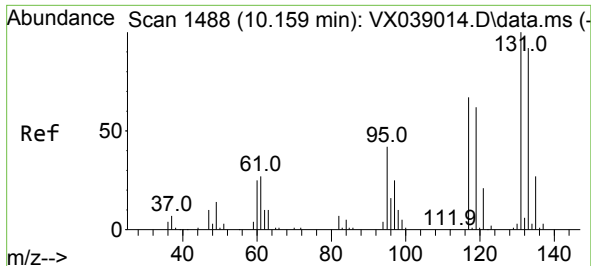
Tgt Ion: 98 Resp: 100268
Ion Ratio Lower Upper
98 100
100 65.4 51.0 76.4



#64
Chlorobenzene
Concen: 21.947 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 112 Resp: 81268
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9

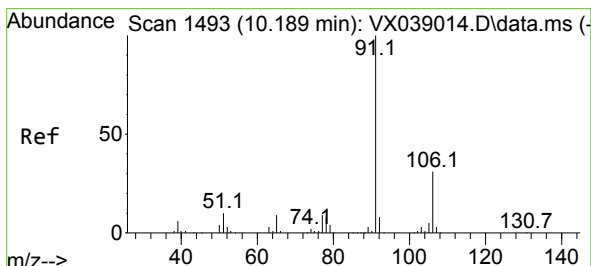
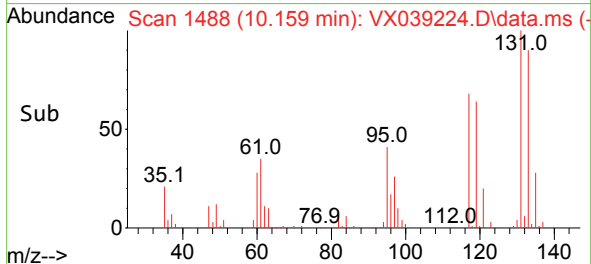
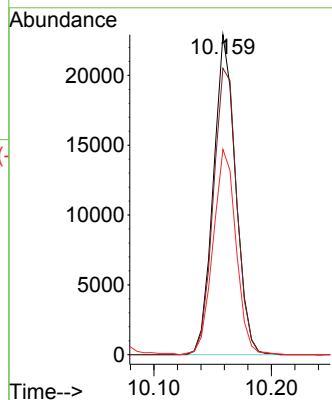
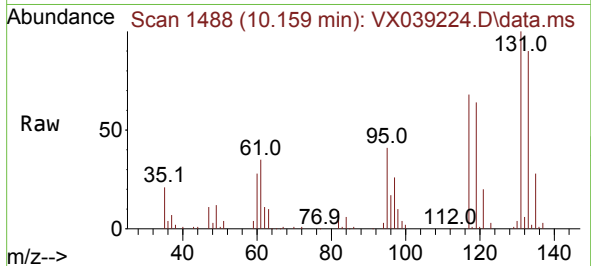




#65
1,1,1,2-Tetrachloroethane
Concen: 22.591 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

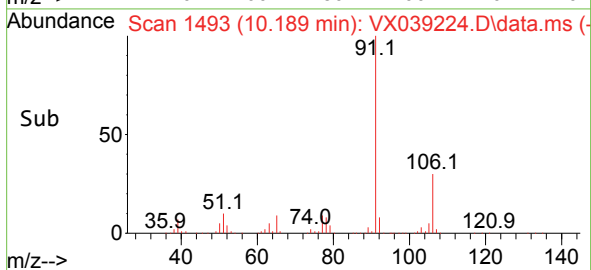
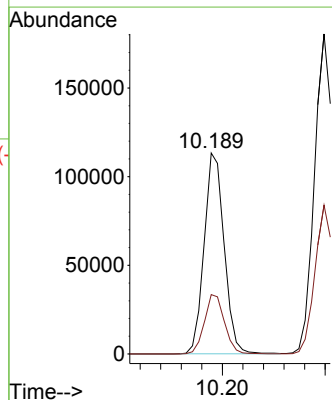
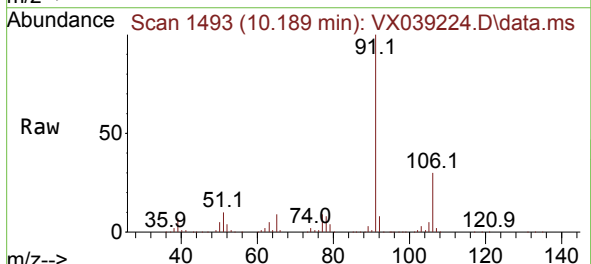
Instrument :
MSVOA_X
ClientSampleId :

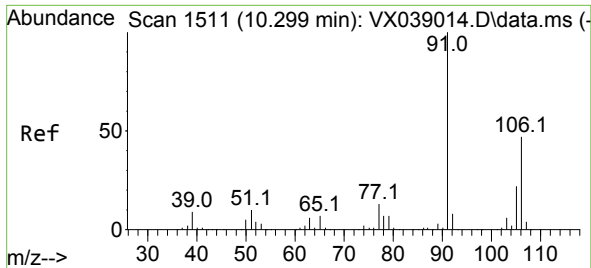
Tgt Ion:131 Resp: 30126
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.8
119 66.4 0.0 135.4



#66
Ethyl Benzene
Concen: 22.120 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 91 Resp: 153334
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6

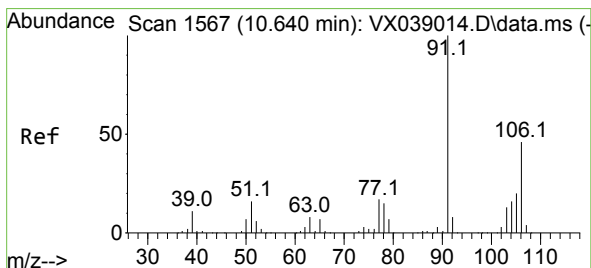
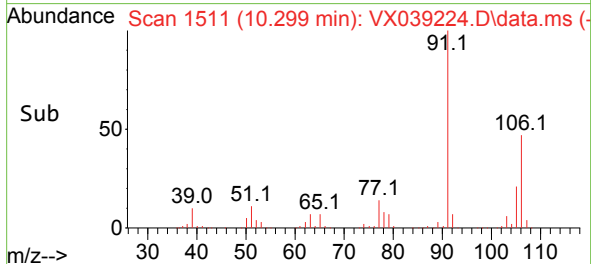
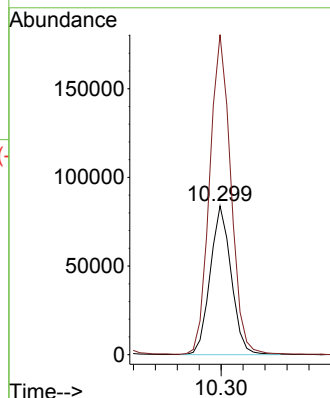
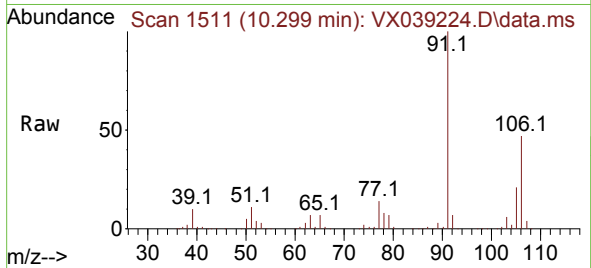




#67
m/p-Xylenes
Concen: 43.648 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

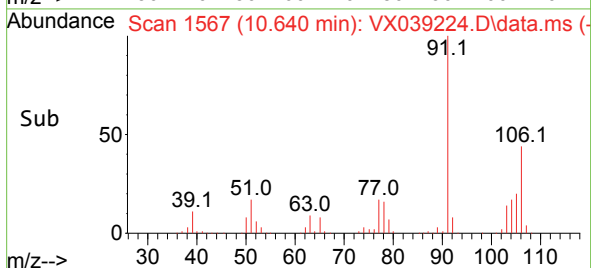
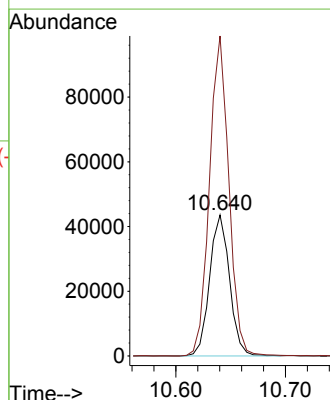
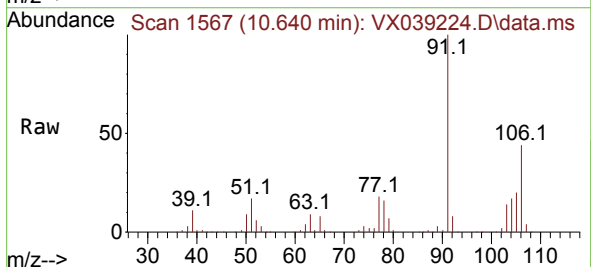
Instrument :
MSVOA_X
ClientSampleId :

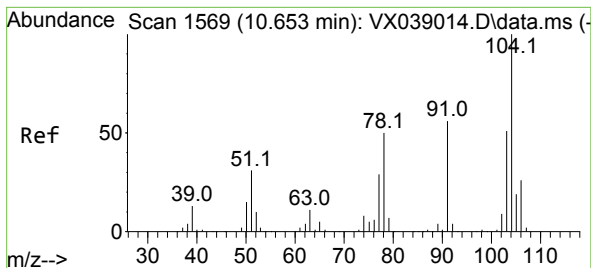
Tgt Ion:106 Resp: 111802
Ion Ratio Lower Upper
106 100
91 217.3 169.4 254.0



#68
o-Xylene
Concen: 22.141 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion:106 Resp: 54935
Ion Ratio Lower Upper
106 100
91 221.1 111.2 333.6





#69

Styrene

Concen: 21.710 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

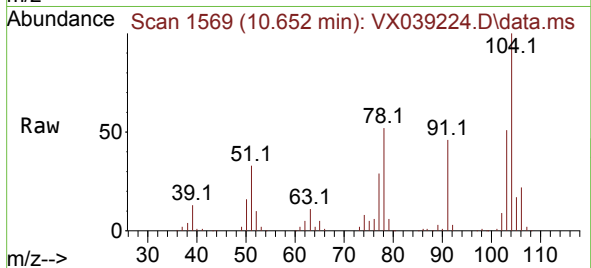
Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :



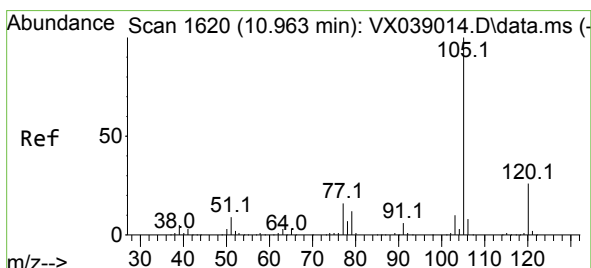
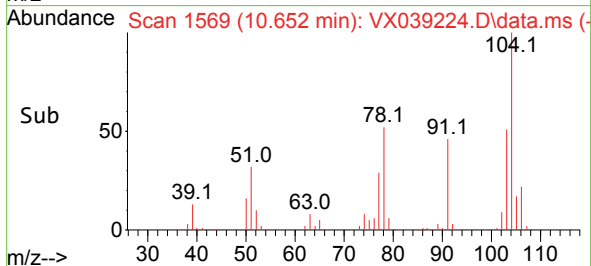
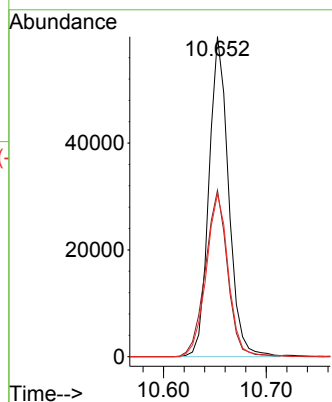
Tgt Ion:104 Resp: 79721

Ion Ratio Lower Upper

104 100

78 58.5 43.7 65.5

103 57.3 44.6 67.0



#70

Isopropylbenzene

Concen: 22.295 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX039224.D

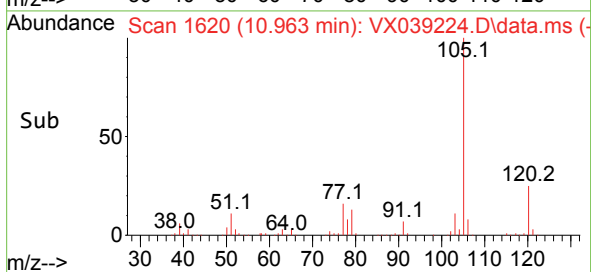
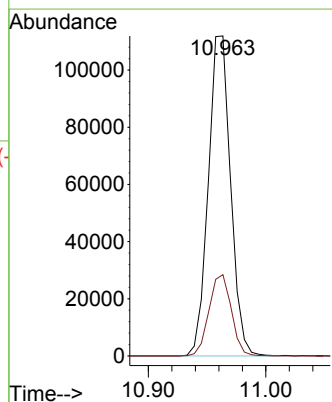
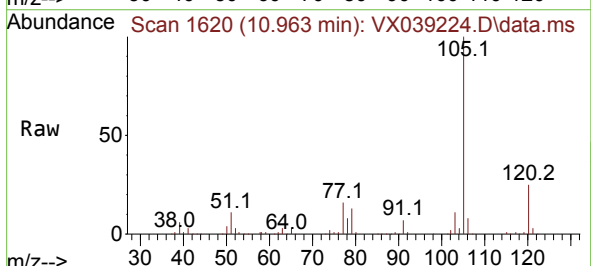
Acq: 15 Dec 2023 11:05

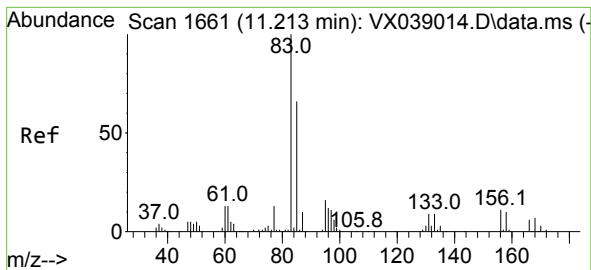
Tgt Ion:105 Resp: 148003

Ion Ratio Lower Upper

105 100

120 25.4 18.5 34.3

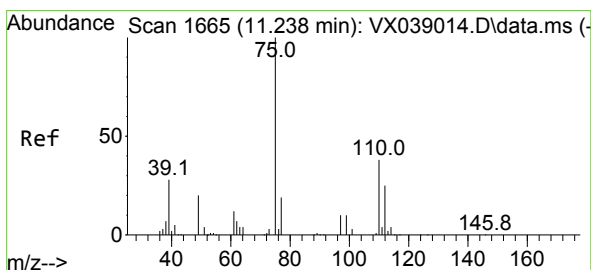
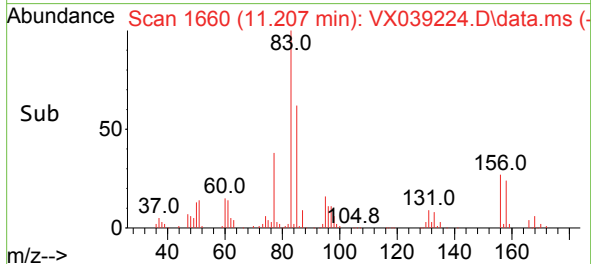
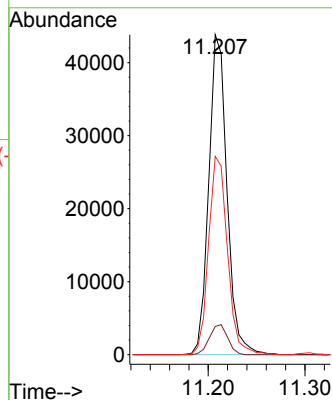
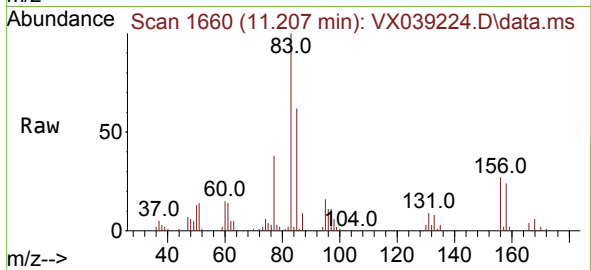




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.252 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05

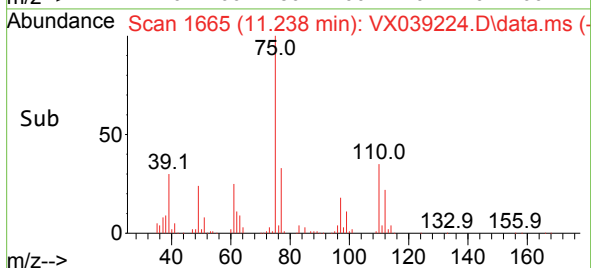
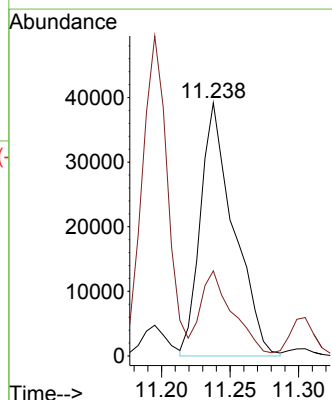
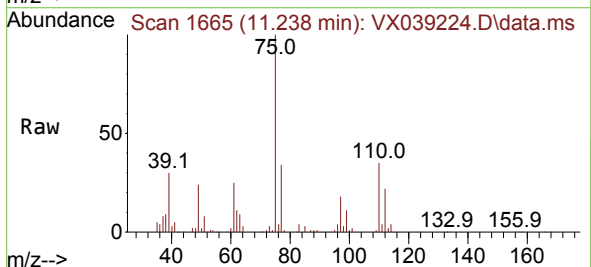
Instrument :
 MSVOA_X
 ClientSampleId :

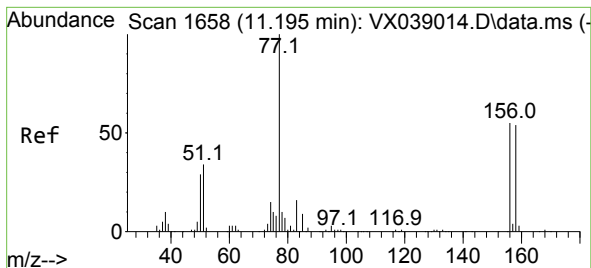
Tgt Ion: 83 Resp: 57623
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.6 13.8
 85 64.1 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 31.697 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05

Tgt Ion: 75 Resp: 66470
 Ion Ratio Lower Upper
 75 100
 77 32.7 0.0 76.4





#73

Bromobenzene

Concen: 22.012 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

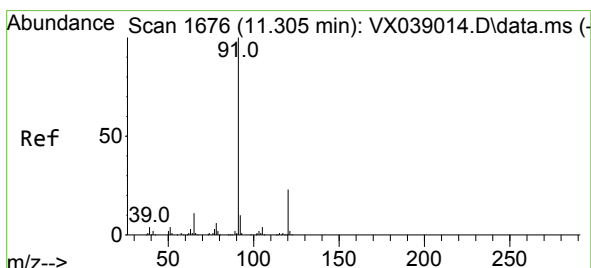
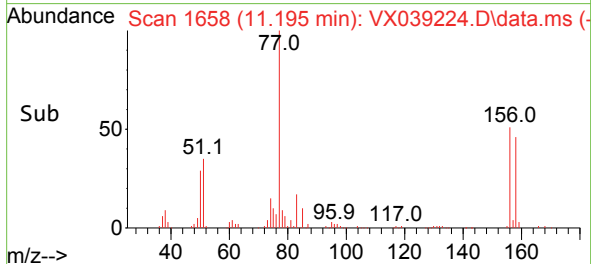
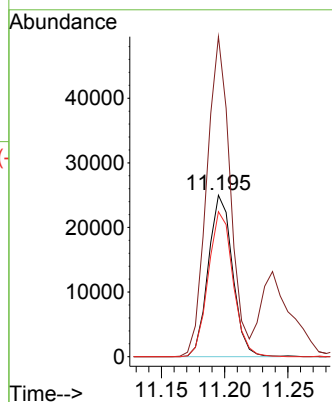
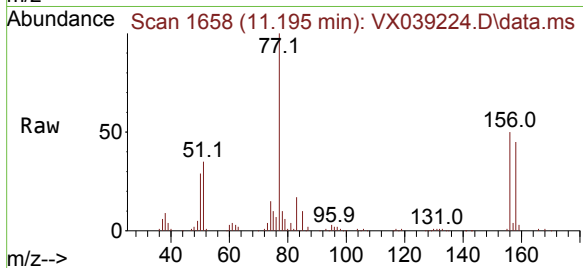
Tgt Ion:156 Resp: 33269

Ion Ratio Lower Upper

156 100

77 192.3 0.0 363.2

158 91.9 0.0 197.8



#74

n-propylbenzene

Concen: 22.426 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039224.D

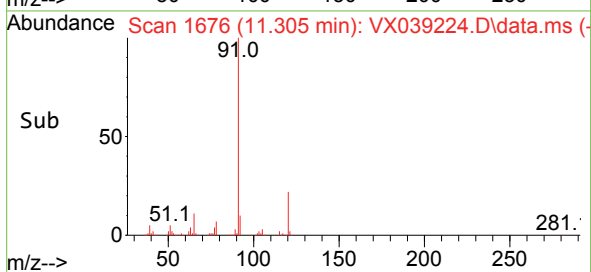
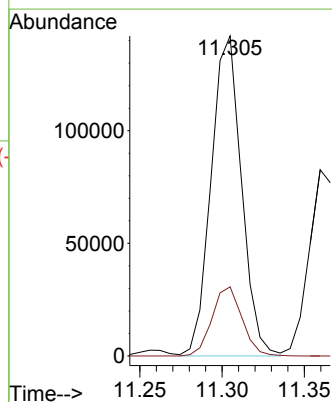
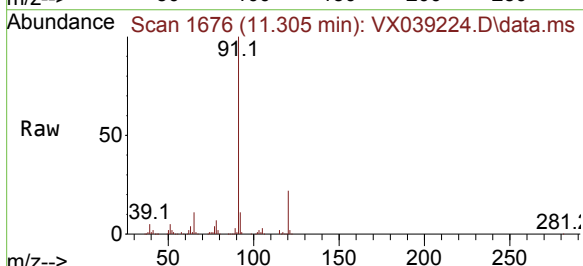
Acq: 15 Dec 2023 11:05

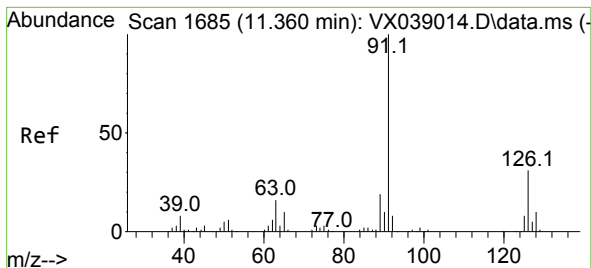
Tgt Ion: 91 Resp: 182397

Ion Ratio Lower Upper

91 100

120 21.3 0.0 43.4

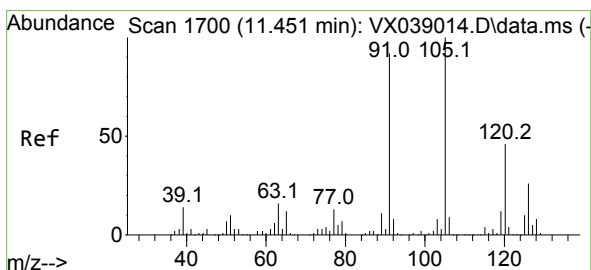
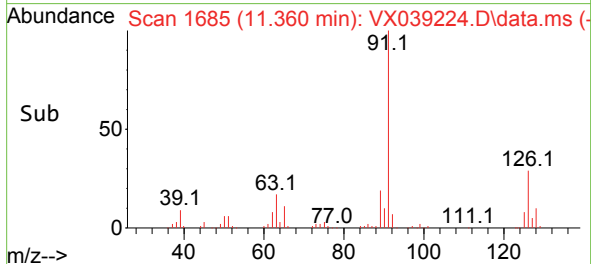
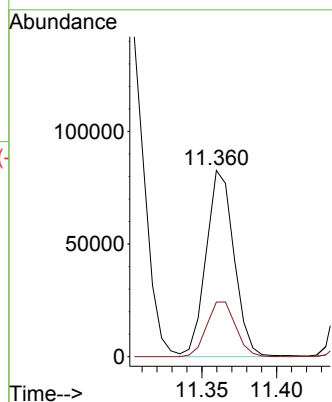
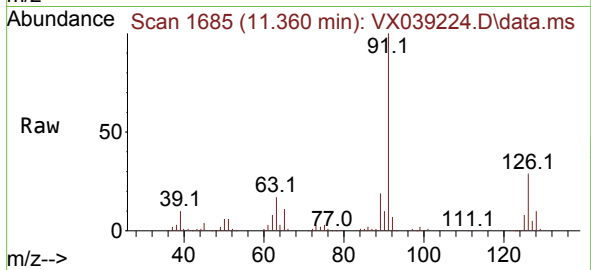




#75
2-Chlorotoluene
Concen: 22.561 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

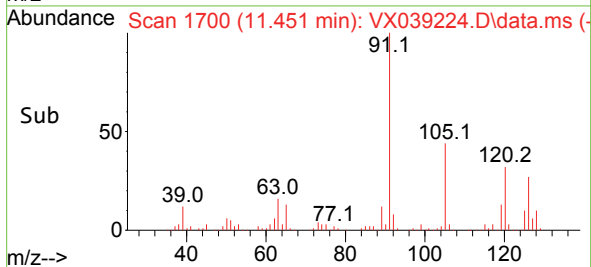
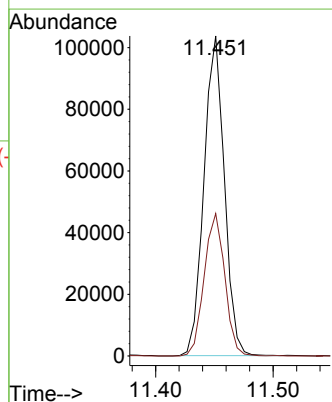
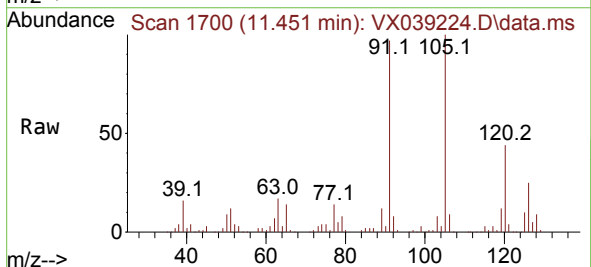
Instrument :
MSVOA_X
ClientSampleId :

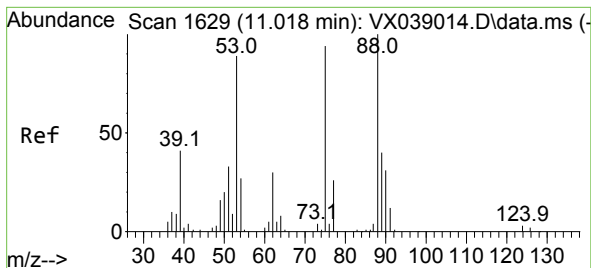
Tgt Ion: 91 Resp: 107658
Ion Ratio Lower Upper
91 100
126 30.5 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 21.847 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion:105 Resp: 124943
Ion Ratio Lower Upper
105 100
120 45.0 0.0 92.6

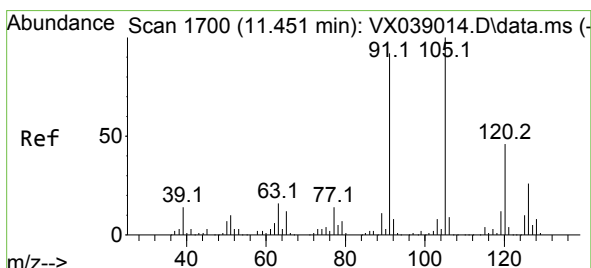
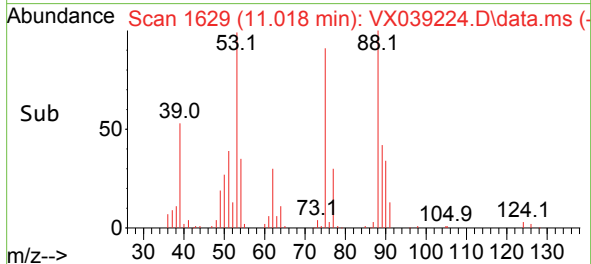
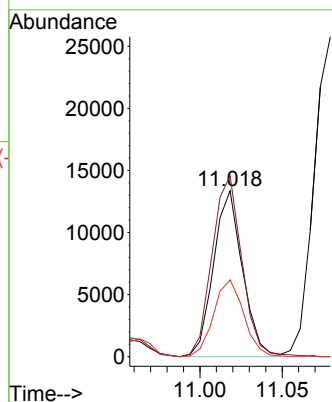
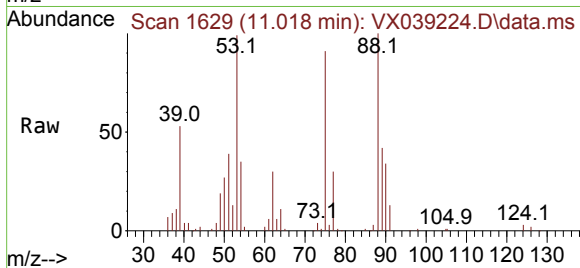




#77
t-1,4-Dichloro-2-butene
Concen: 19.717 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

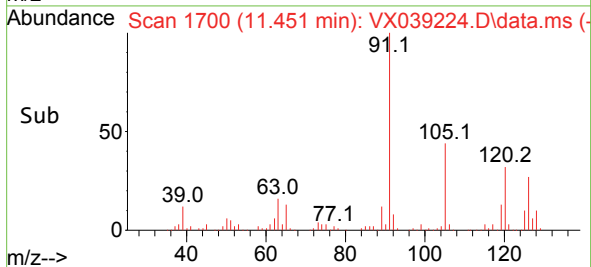
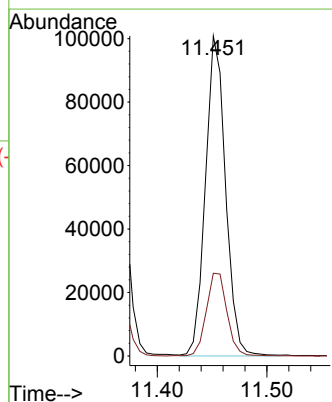
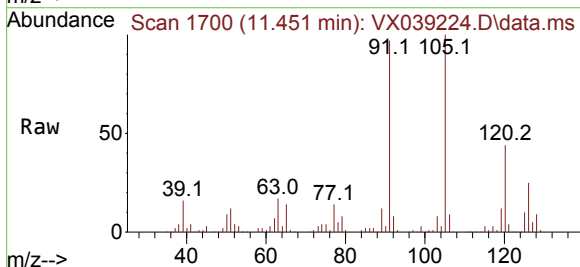
Instrument :
MSVOA_X
ClientSampleId :

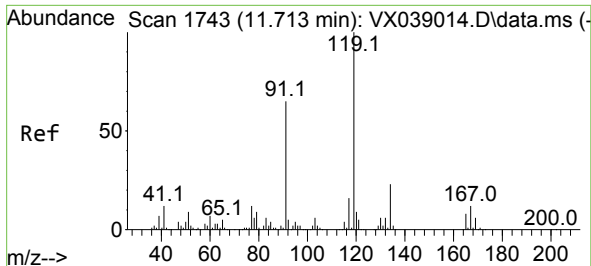
Tgt Ion: 75 Resp: 16384
Ion Ratio Lower Upper
75 100
53 109.1 46.9 140.8
89 46.3 21.3 63.7



#78
4-Chlorotoluene
Concen: 22.907 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion: 91 Resp: 128512
Ion Ratio Lower Upper
91 100
126 26.6 0.0 57.4

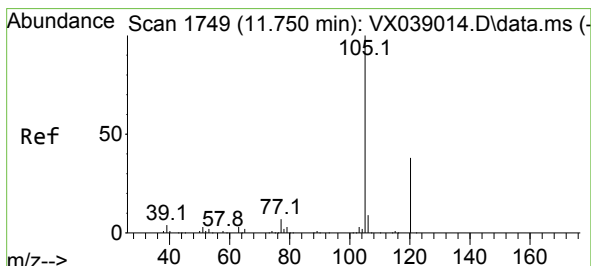
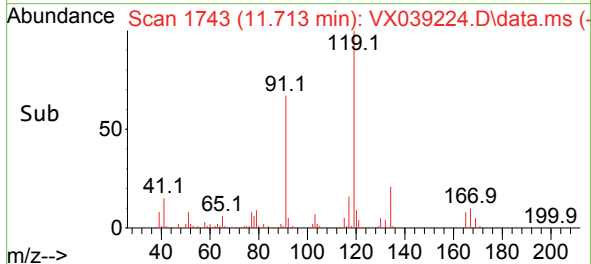
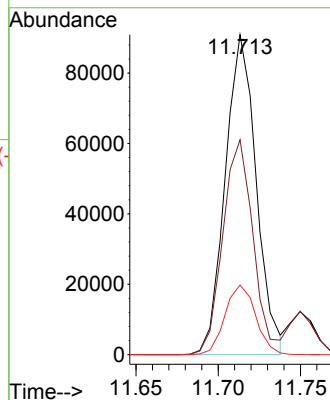
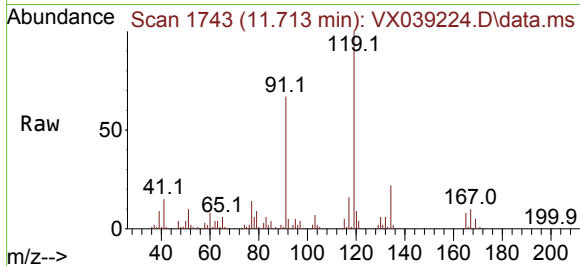




#79
tert-butylbenzene
Concen: 21.965 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

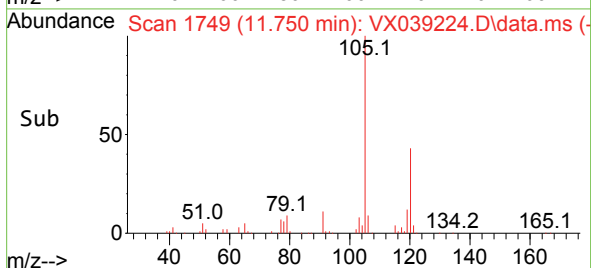
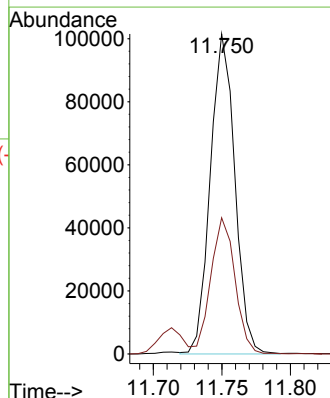
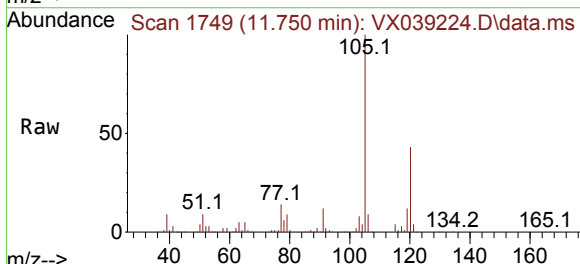
Instrument :
MSVOA_X
ClientSampleId :

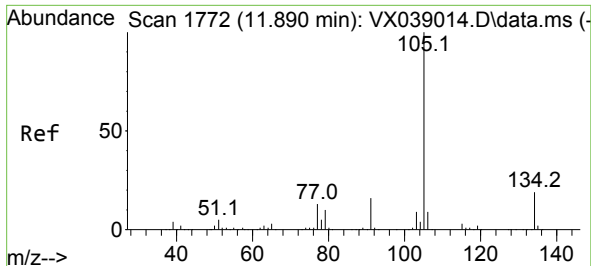
Tgt Ion:119 Resp: 119447
Ion Ratio Lower Upper
119 100
91 65.8 0.0 125.6
134 21.6 0.0 43.8



#80
1,2,4-Trimethylbenzene
Concen: 22.035 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Tgt Ion:105 Resp: 126125
Ion Ratio Lower Upper
105 100
120 42.2 0.0 86.4

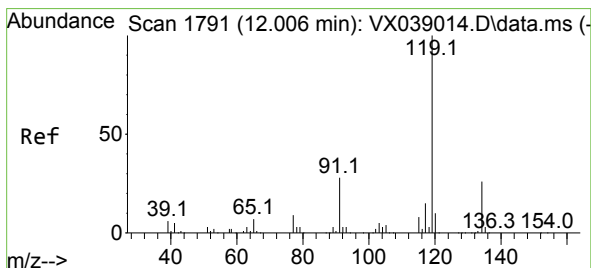
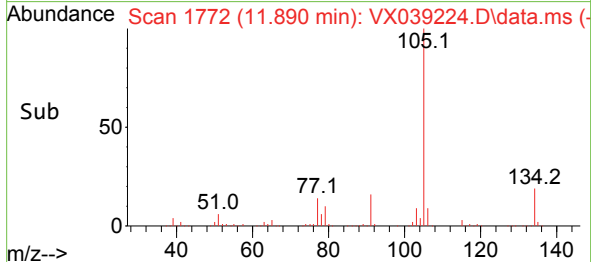
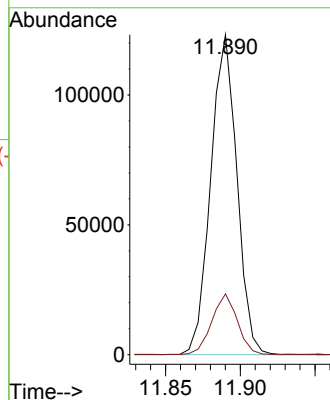
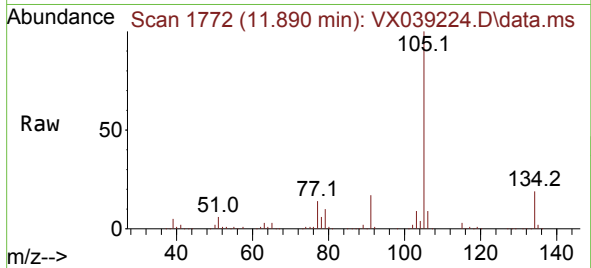




#81
 sec-Butylbenzene
 Concen: 21.823 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05

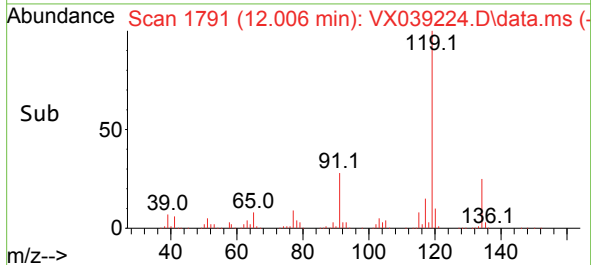
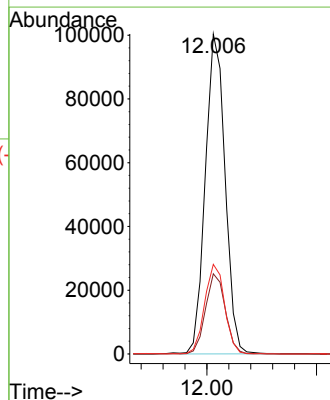
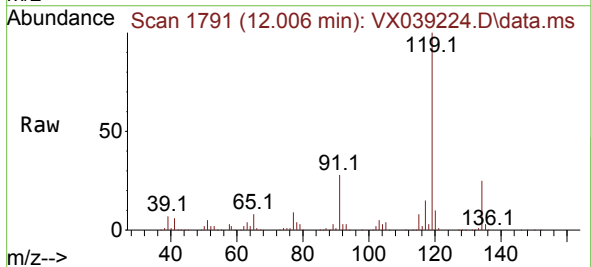
Instrument :
 MSVOA_X
 ClientSampleId :

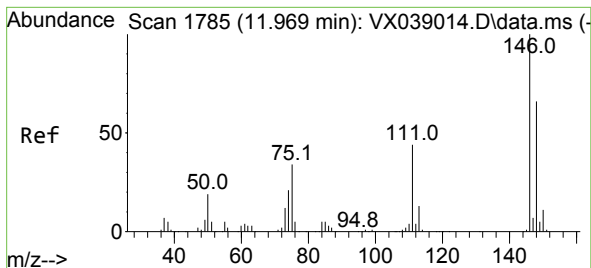
Tgt Ion:105 Resp: 150023
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 21.535 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05

Tgt Ion:119 Resp: 125471
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.6
 91 28.2 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 21.617 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

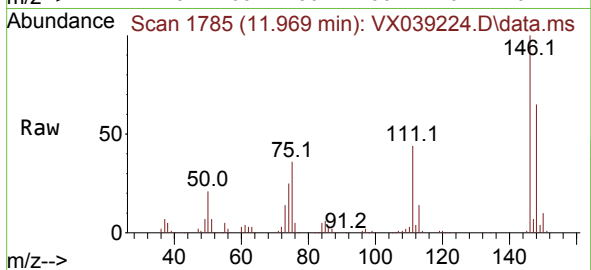
Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :



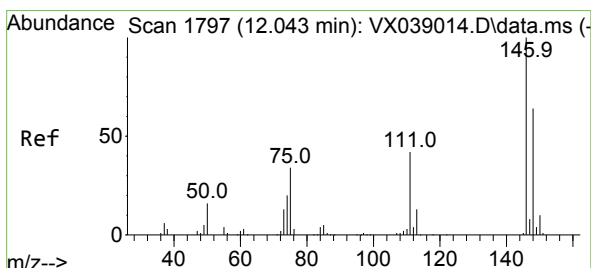
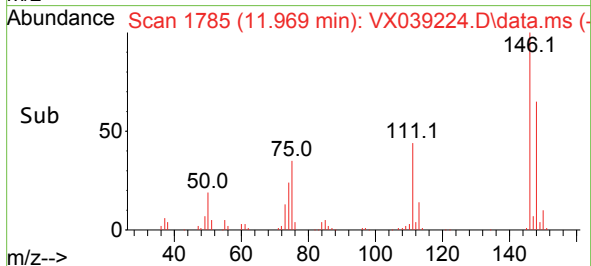
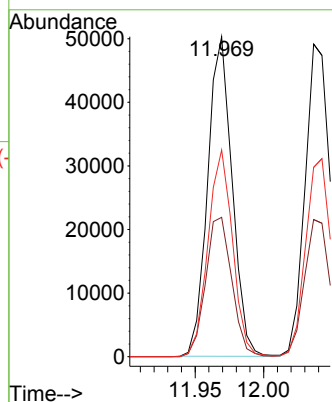
Tgt Ion:146 Resp: 62525

Ion Ratio Lower Upper

146 100

111 46.6 22.3 66.9

148 64.9 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 21.597 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

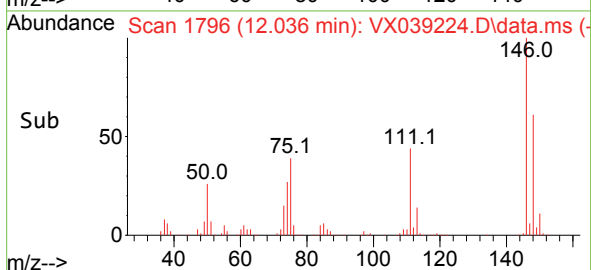
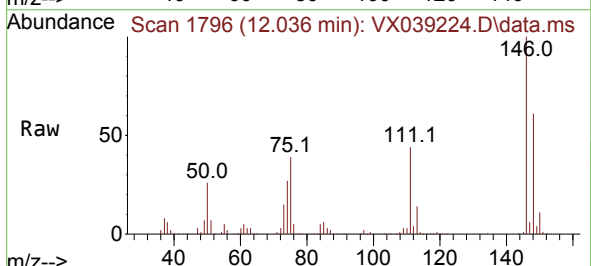
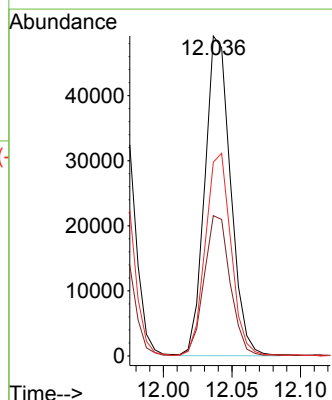
Tgt Ion:146 Resp: 64097

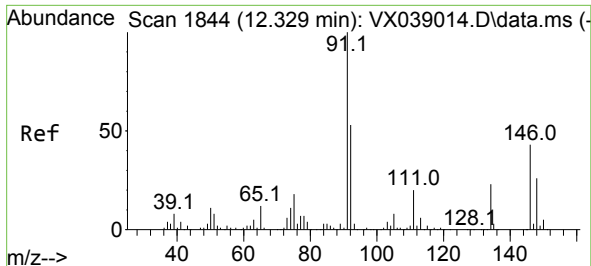
Ion Ratio Lower Upper

146 100

111 44.3 21.4 64.2

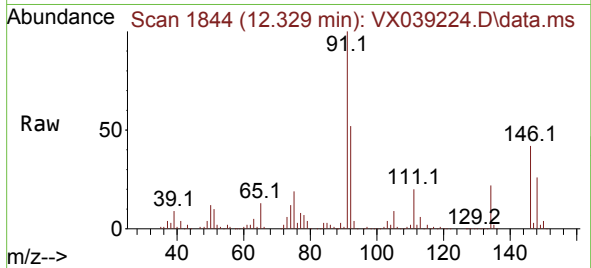
148 63.6 31.8 95.4



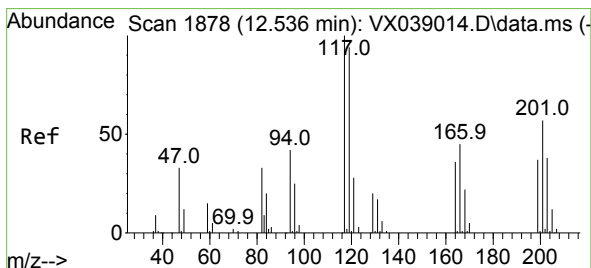
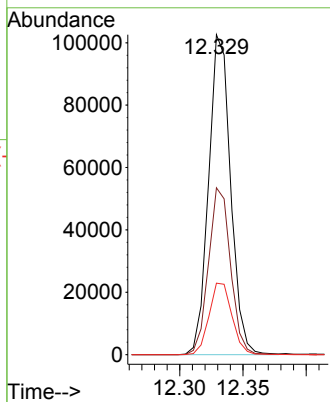
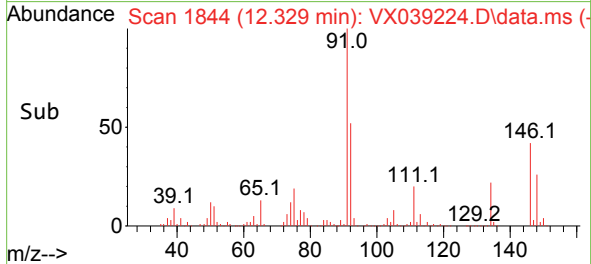


#85
n-Butylbenzene
Concen: 21.603 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :

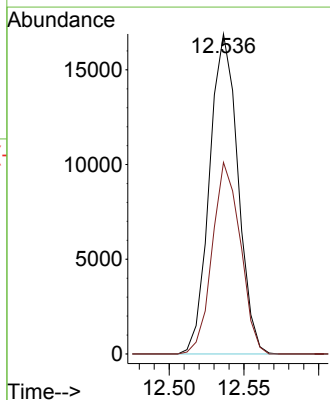
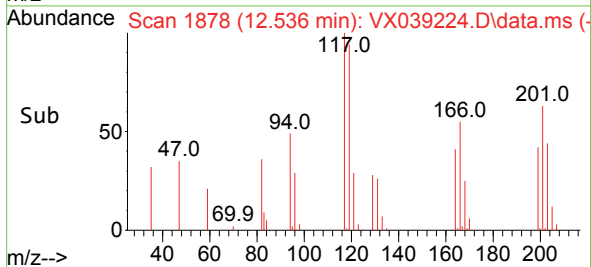
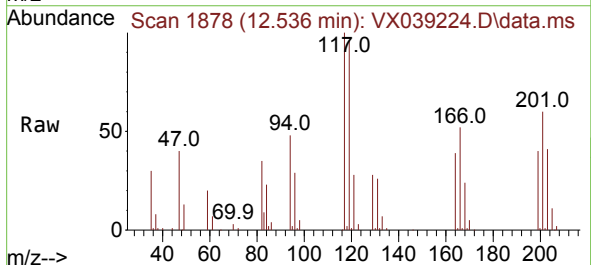


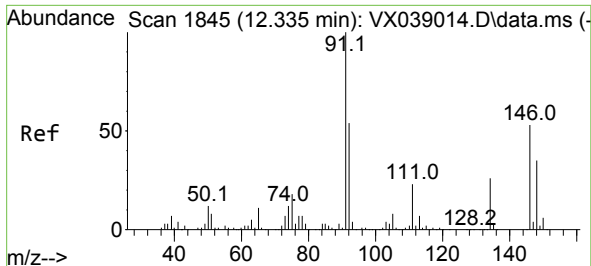
Tgt Ion: 91 Resp: 124303
Ion Ratio Lower Upper
91 100
92 52.2 0.0 106.2
134 23.3 0.0 48.8



#86
Hexachloroethane
Concen: 20.220 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039224.D
Acq: 15 Dec 2023 11:05

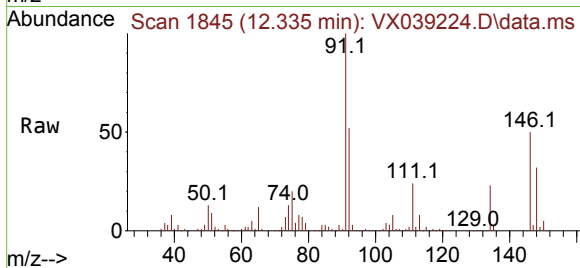
Tgt Ion: 117 Resp: 22323
Ion Ratio Lower Upper
117 100
201 59.1 31.8 95.3



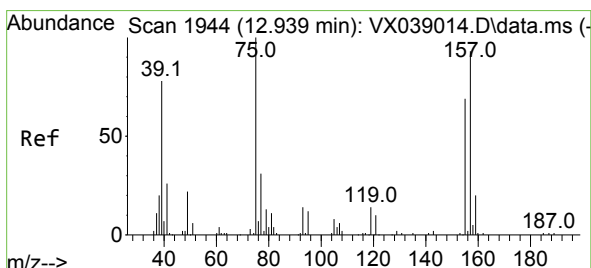
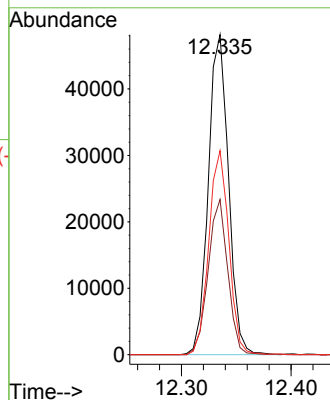
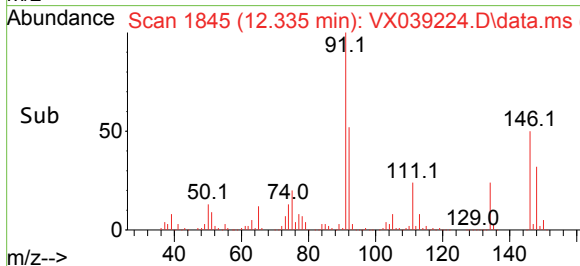


#87
 1,2-Dichlorobenzene
 Concen: 22.134 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05

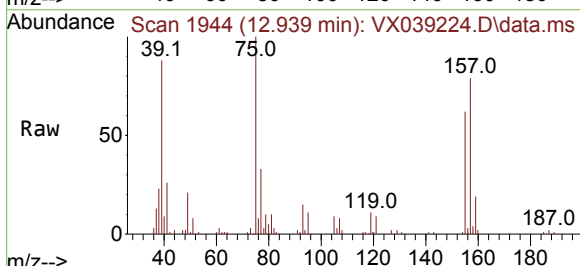
Instrument :
 MSVOA_X
 ClientSampleId :



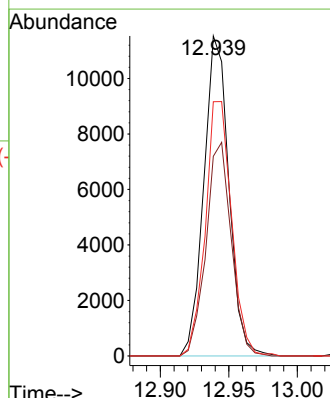
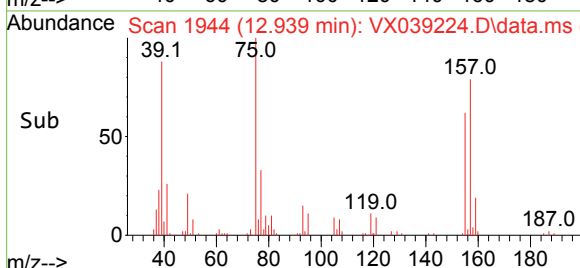
Tgt Ion:146 Resp: 61564
 Ion Ratio Lower Upper
 146 100
 111 47.2 22.4 67.2
 148 63.4 31.9 95.7

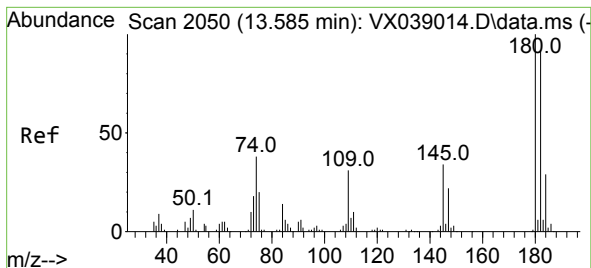


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 23.137 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX039224.D
 Acq: 15 Dec 2023 11:05



Tgt Ion: 75 Resp: 14664
 Ion Ratio Lower Upper
 75 100
 155 67.4 58.2 87.4
 157 82.9 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 21.651 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

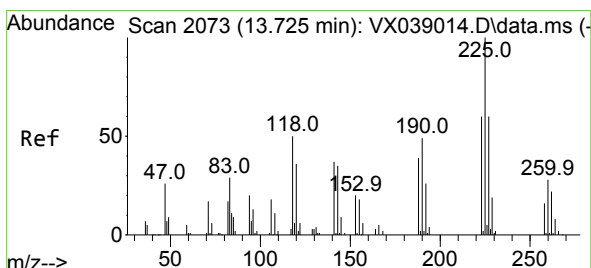
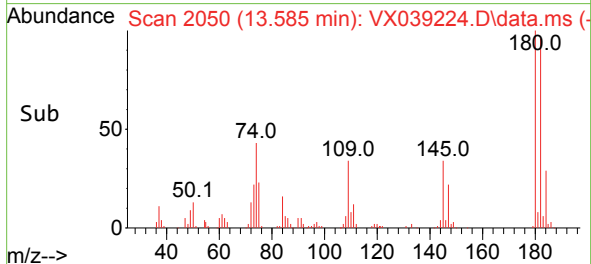
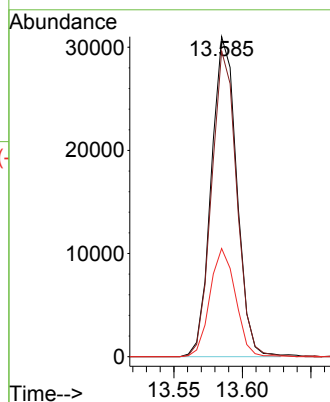
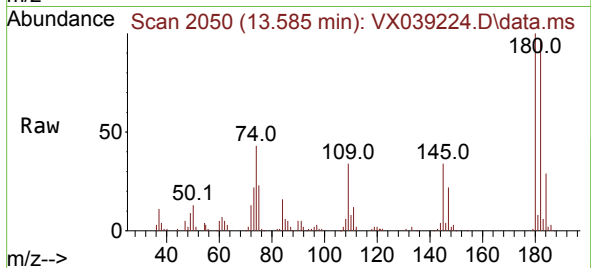
Tgt Ion:180 Resp: 39925

Ion Ratio Lower Upper

180 100

182 94.4 74.5 111.7

145 34.1 26.6 40.0



#90

Hexachlorobutadiene

Concen: 22.545 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

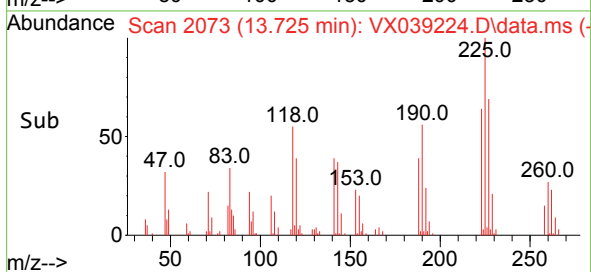
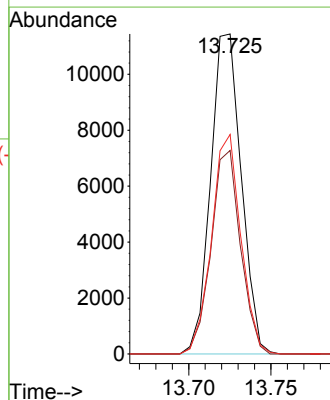
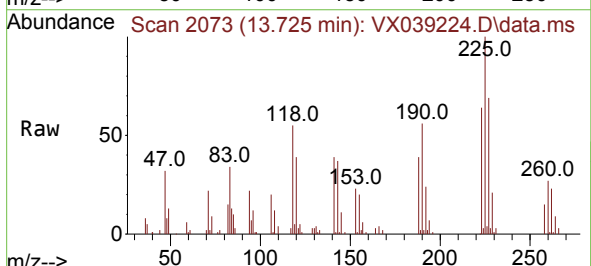
Tgt Ion:225 Resp: 14845

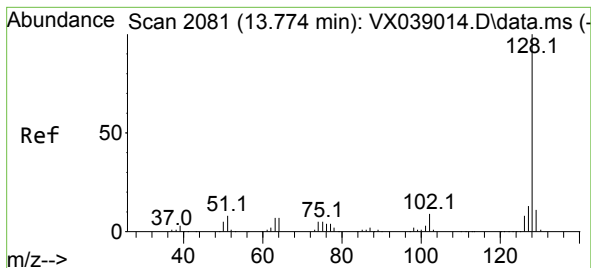
Ion Ratio Lower Upper

225 100

223 61.0 0.0 124.4

227 65.5 0.0 124.4





#91

Naphthalene

Concen: 21.682 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

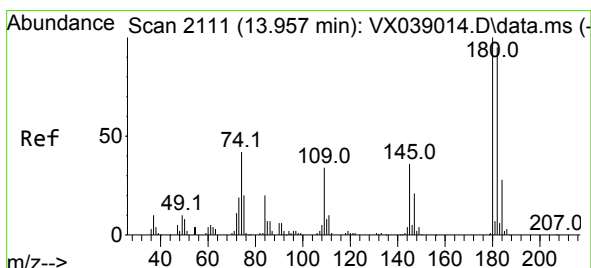
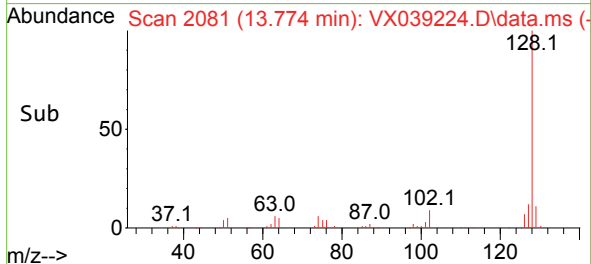
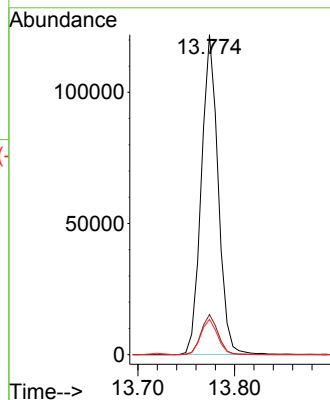
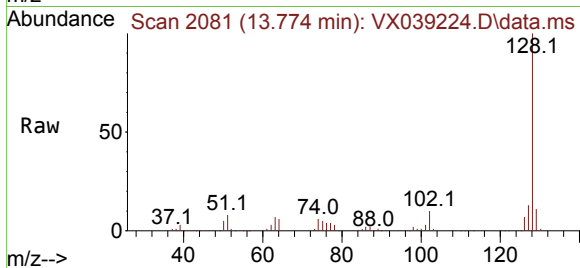
Tgt Ion:128 Resp: 147459

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.1 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 22.085 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX039224.D

Acq: 15 Dec 2023 11:05

Tgt Ion:180 Resp: 39448

Ion Ratio Lower Upper

180 100

182 95.6 0.0 191.6

145 37.8 0.0 69.6

