

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039434.D
 Acq On : 22 Dec 2023 12:58
 Operator : JC/MD
 Sample : VX1222WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	114678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	220392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102000	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	104105	49.555	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.100%
35) Dibromofluoromethane	5.385	113	74163	48.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	8.647	98	284447	50.321	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.640%
62) 4-Bromofluorobenzene	11.079	95	111166	47.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	31334	19.445	ug/l	97
3) Chloromethane	1.294	50	35889	20.089	ug/l	99
4) Vinyl Chloride	1.374	62	33143	19.948	ug/l	99
5) Bromomethane	1.605	94	22528	23.568	ug/l	99
6) Chloroethane	1.691	64	19831	19.806	ug/l	94
7) Trichlorofluoromethane	1.892	101	47913	19.694	ug/l	99
8) Diethyl Ether	2.130	74	17796	21.135	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	28848	19.431	ug/l	96
10) Methyl Iodide	2.453	142	27744	18.080	ug/l	93
11) Tert butyl alcohol	2.947	59	44122	83.636	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	28471	19.306	ug/l	97
13) Acrolein	2.233	56	42603	101.228	ug/l	99
14) Allyl chloride	2.666	41	55729	18.654	ug/l	97
15) Acrylonitrile	3.056	53	102752	97.307	ug/l	99
16) Acetone	2.373	43	107544	71.253	ug/l	95
17) Carbon Disulfide	2.514	76	77289	17.909	ug/l	98
18) Methyl Acetate	2.697	43	87685	19.297	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	101675	19.064	ug/l	96
20) Methylene Chloride	2.788	84	34447	19.670	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	30953	19.289	ug/l	98
22) Diisopropyl ether	3.751	45	111111	20.432	ug/l	91
23) Vinyl Acetate	3.721	43	397446	98.172	ug/l	99
24) 1,1-Dichloroethane	3.611	63	58903	19.161	ug/l	99
25) 2-Butanone	4.544	43	151689	83.674	ug/l	96
26) 2,2-Dichloropropane	4.477	77	47098	17.549	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	35194	19.870	ug/l	98
28) Bromochloromethane	4.897	49	31675	21.118	ug/l	90
29) Tetrahydrofuran	5.001	42	95716	95.607	ug/l	99
30) Chloroform	5.092	83	59106	19.240	ug/l	99
31) Cyclohexane	5.464	56	52874	19.486	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	49154	18.432	ug/l	97
36) 1,1-Dichloropropene	5.690	75	44405	18.481	ug/l	98
37) Ethyl Acetate	4.714	43	54299	18.292	ug/l	99
38) Carbon Tetrachloride	5.678	117	38966	16.994	ug/l	98
39) Methylcyclohexane	7.379	83	52438	18.169	ug/l	97
40) Benzene	6.037	78	128521	18.910	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28864	18.225	ug/l	95
42) 1,2-Dichloroethane	6.086	62	50131	18.222	ug/l	100
43) Isopropyl Acetate	6.336	43	87747	18.178	ug/l	98
44) Trichloroethene	7.129	130	30990	18.069	ug/l	96
45) 1,2-Dichloropropane	7.427	63	34678	19.011	ug/l	97
46) Dibromomethane	7.580	93	23514	18.338	ug/l	94
47) Bromodichloromethane	7.818	83	44613	18.197	ug/l	95
48) Methyl methacrylate	7.690	41	52520	18.611	ug/l	98
49) 1,4-Dioxane	7.653	88	13418	352.746	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	288547	93.821	ug/l	99
52) Toluene	8.720	92	79473	19.373	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	47598	17.634	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	52415	18.048	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	32759	19.129	ug/l	97
56) Ethyl methacrylate	9.116	69	39813	19.043	ug/l	96
57) 1,3-Dichloropropane	9.305	76	57375	19.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	119525	97.364	ug/l	94
59) 2-Hexanone	9.427	43	231515	87.223	ug/l	98
60) Dibromochloromethane	9.518	129	31007	17.903	ug/l	98
61) 1,2-Dibromoethane	9.610	107	34811	19.041	ug/l	98
64) Tetrachloroethene	9.275	164	24699	18.535	ug/l	97
65) Chlorobenzene	10.079	112	83267	18.708	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	27899	17.745	ug/l	97
67) Ethyl Benzene	10.189	91	154328	18.627	ug/l	98
68) m/p-Xylenes	10.299	106	112127	37.745	ug/l	93
69) o-Xylene	10.640	106	55138	19.197	ug/l	96
70) Styrene	10.652	104	79792	19.003	ug/l	97
71) Bromoform	10.799	173	19273	16.492	ug/l #	98
73) Isopropylbenzene	10.963	105	146652	18.635	ug/l	98
74) N-amyl acetate	10.841	43	70822	17.787	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	55318	18.895	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	59166	22.421	ug/l	90
77) Bromobenzene	11.195	156	32289	18.554	ug/l	91
78) n-propylbenzene	11.305	91	182180	18.789	ug/l	97
79) 2-Chlorotoluene	11.360	91	105933	18.062	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	126562	18.878	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14025	14.993	ug/l	99
82) 4-Chlorotoluene	11.451	91	127656	18.531	ug/l	97
83) tert-Butylbenzene	11.713	119	115306	18.072	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	127815	18.591	ug/l	98
85) sec-Butylbenzene	11.890	105	147324	18.146	ug/l	98
86) p-Isopropyltoluene	12.006	119	124069	18.209	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	61468	17.979	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	63104	17.727	ug/l	96
89) n-Butylbenzene	12.329	91	122998	18.363	ug/l	96
90) Hexachloroethane	12.536	117	20019	16.265	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	59448	18.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12940	16.781	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	37939	17.712	ug/l	98
94) Hexachlorobutadiene	13.725	225	13141	16.279	ug/l	99
95) Naphthalene	13.774	128	131836	17.673	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	36411	17.608	ug/l	98

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MSVOA_X
ClientSampleId :

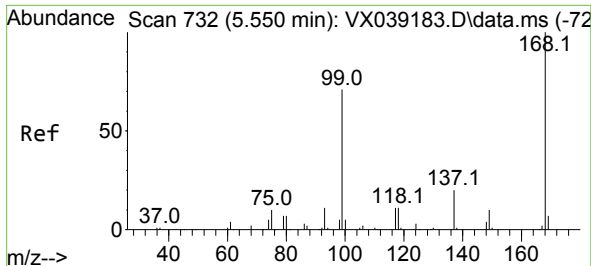
Quant Time: Dec 23 06:22:40 2023
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QLast Update : Thu Dec 14 01:28:15 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

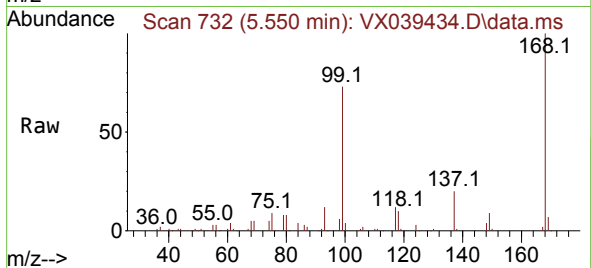
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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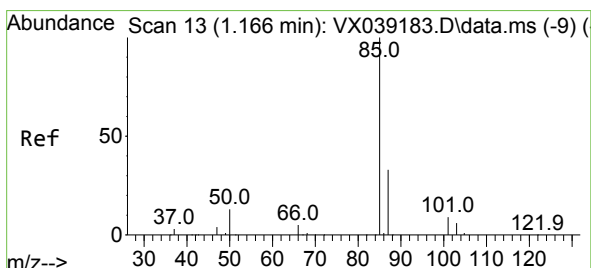
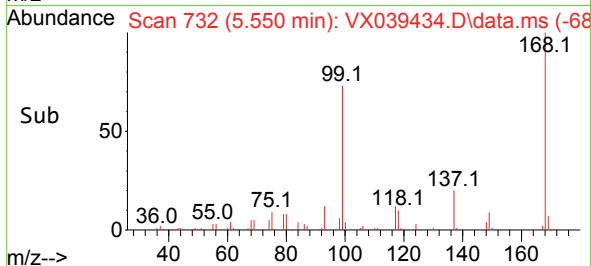
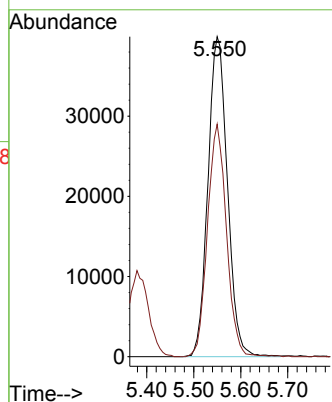


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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MSVOA_X
ClientSampleId :

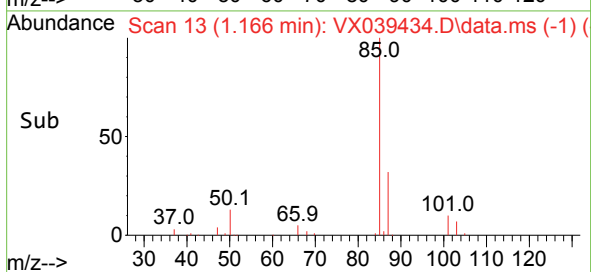
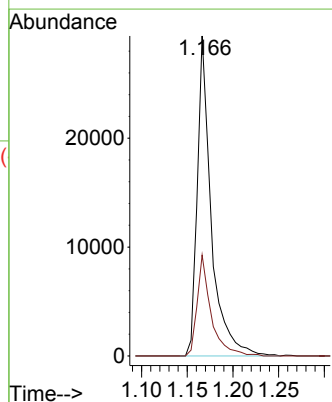
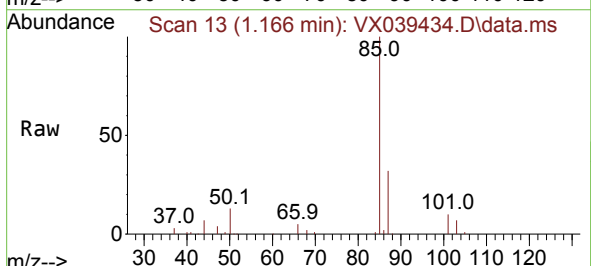


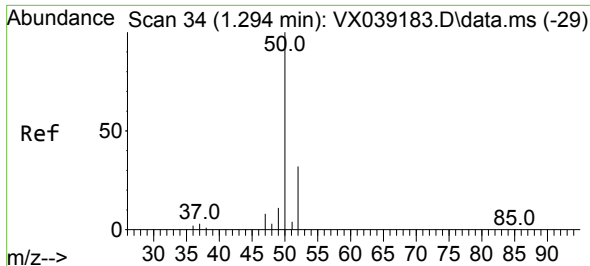
Tgt Ion:168 Resp: 114678
Ion Ratio Lower Upper
168 100
99 72.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 19.445 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

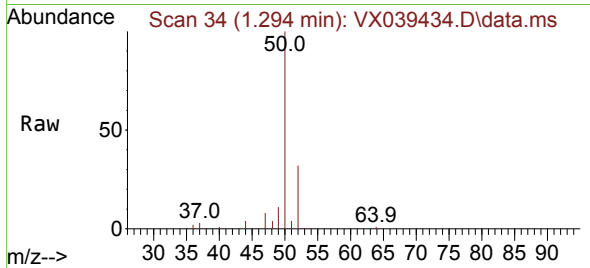
Tgt Ion: 85 Resp: 31334
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1



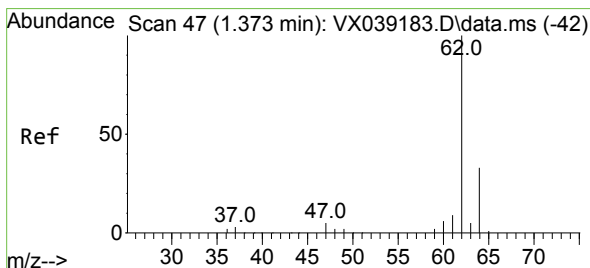
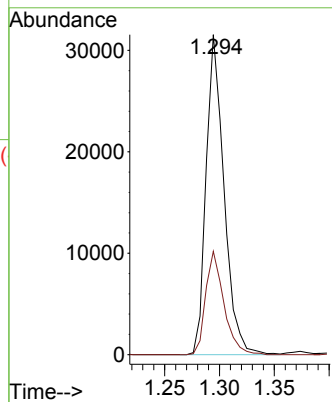
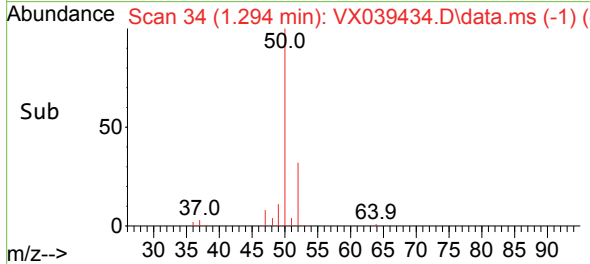


#3
Chloromethane
Concen: 20.089 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :

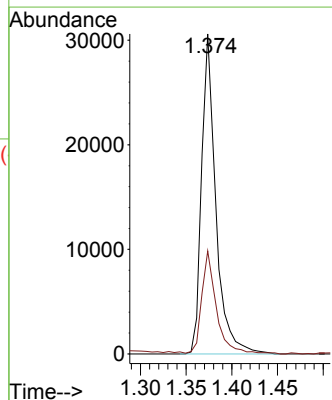
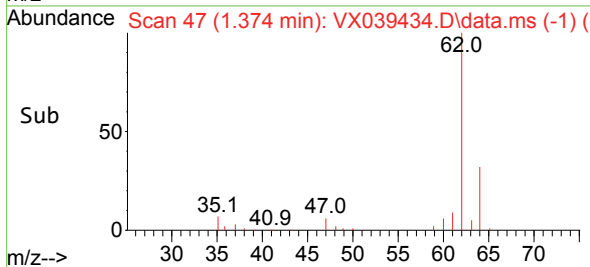
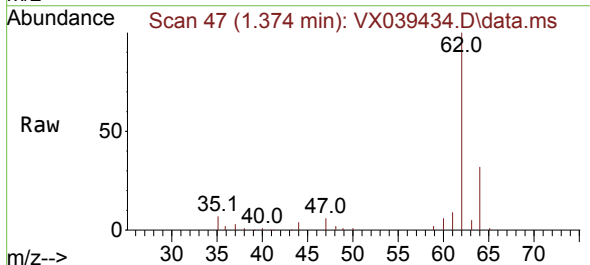


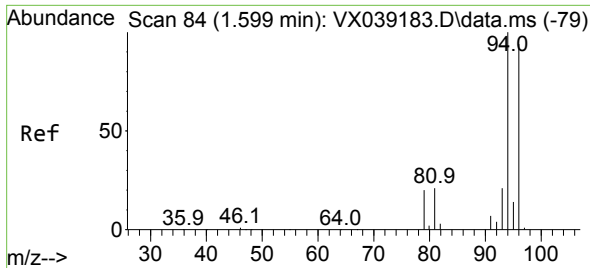
Tgt Ion: 50 Resp: 35889
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 19.948 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 62 Resp: 33143
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

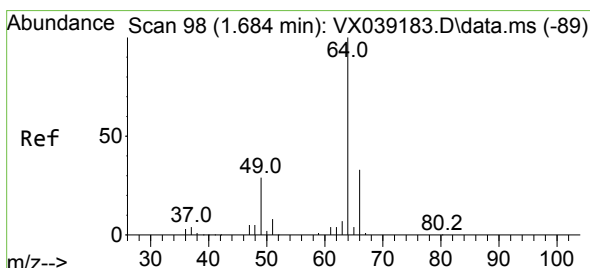
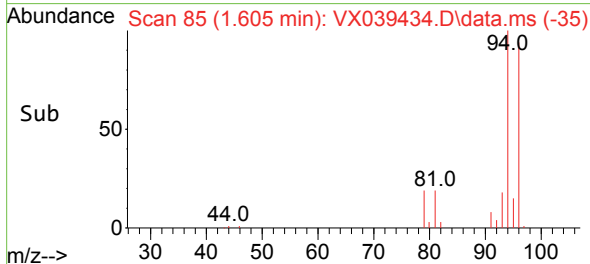
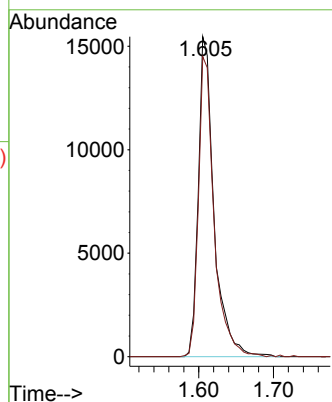
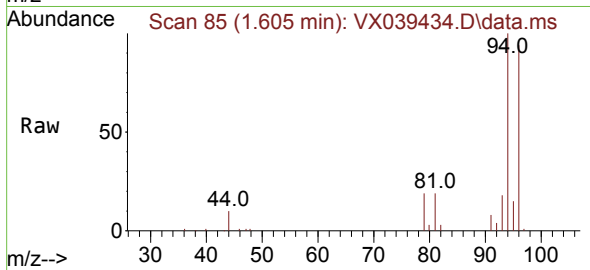




#5
Bromomethane
Concen: 23.568 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

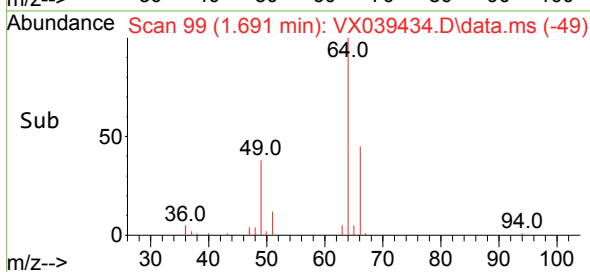
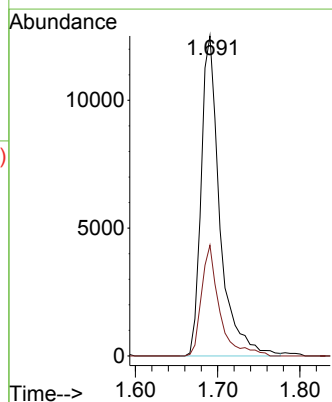
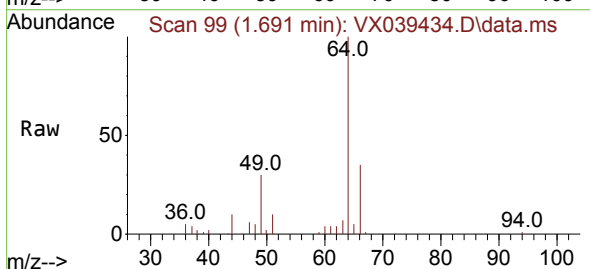
Instrument :
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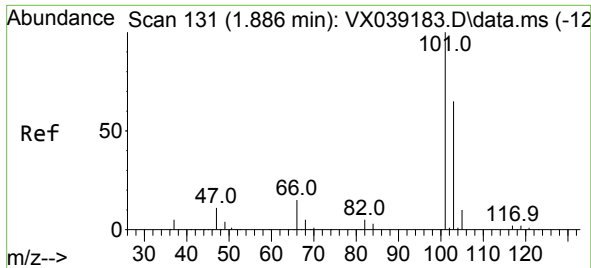
Tgt Ion: 94 Resp: 22528
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8



#6
Chloroethane
Concen: 19.806 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 64 Resp: 19831
Ion Ratio Lower Upper
64 100
66 34.6 25.1 37.7

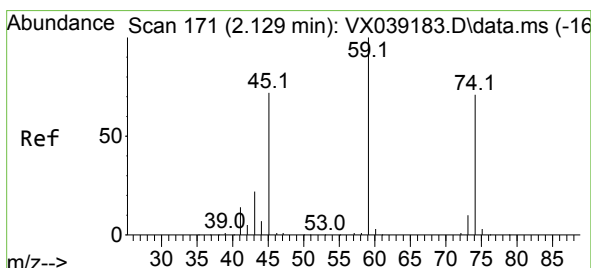
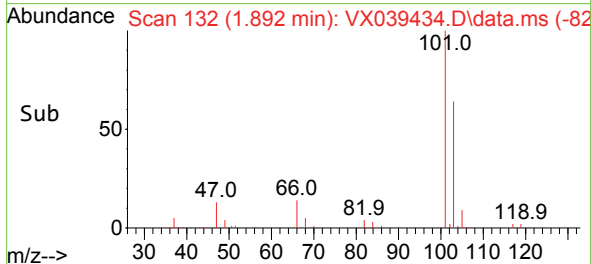
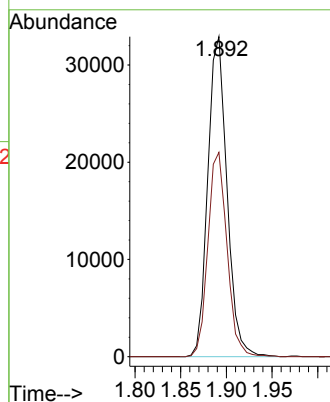
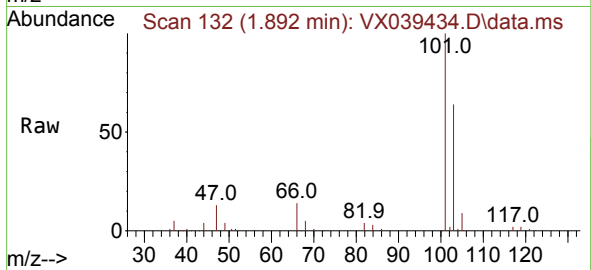




#7
 Trichlorofluoromethane
 Concen: 19.694 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

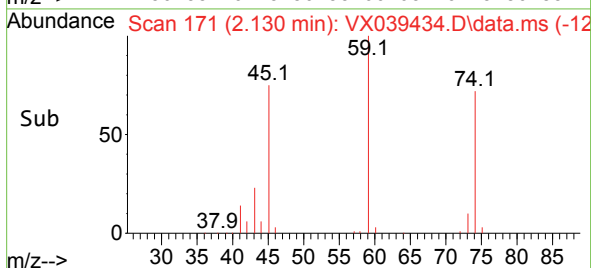
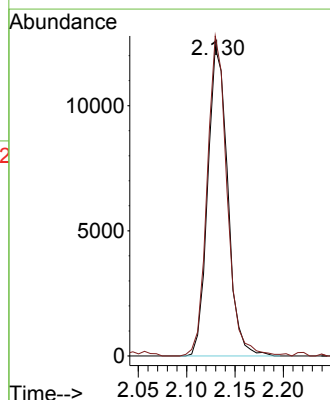
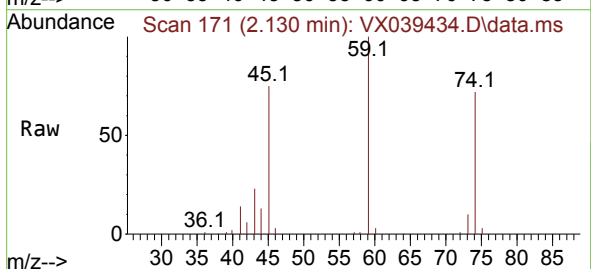
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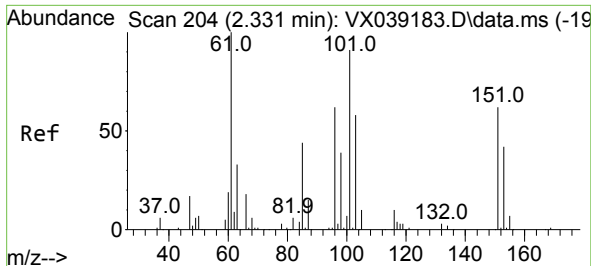
Tgt Ion:101 Resp: 47913
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 21.135 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

Tgt Ion: 74 Resp: 17796
 Ion Ratio Lower Upper
 74 100
 45 103.2 53.3 159.8

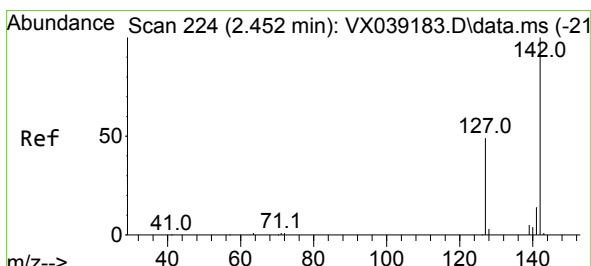
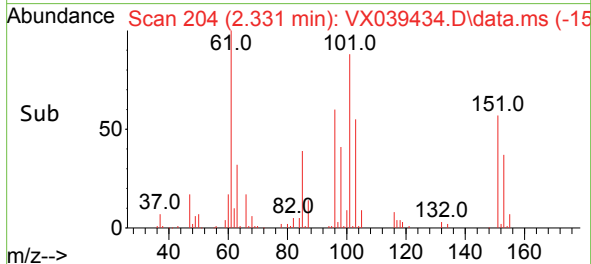
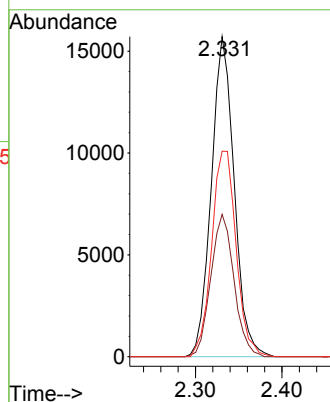
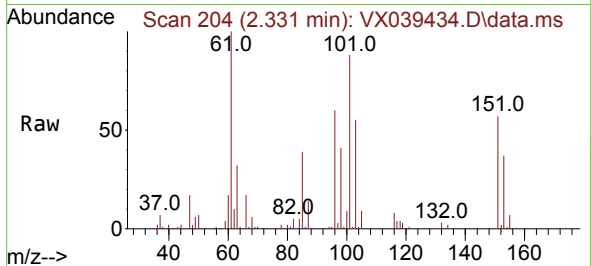




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.431 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039434.D
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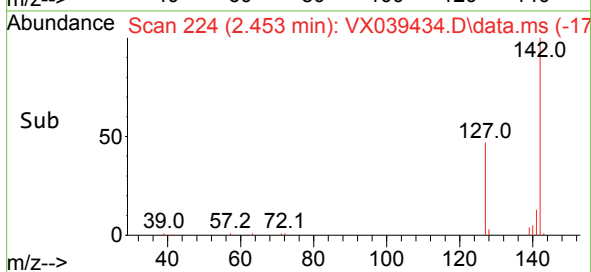
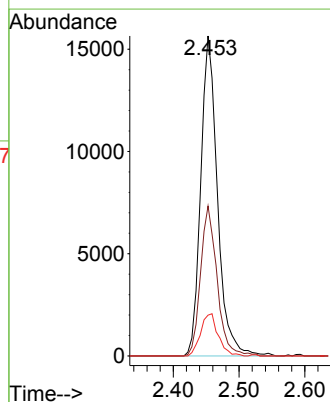
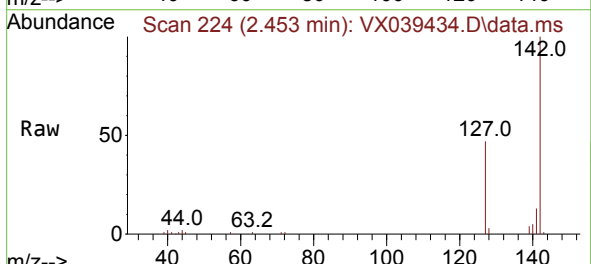
Instrument :
 MSVOA_X
 ClientSampleId :

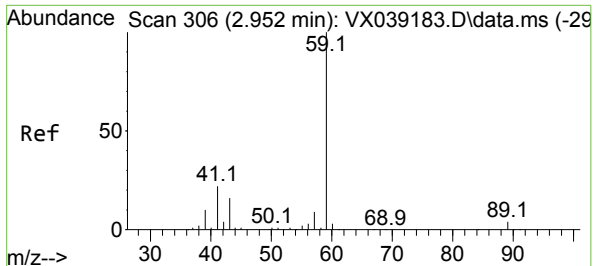
Tgt Ion:101 Resp: 28848
 Ion Ratio Lower Upper
 101 100
 85 45.1 37.0 55.6
 151 68.7 58.6 87.8



#10
 Methyl Iodide
 Concen: 18.080 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.000 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

Tgt Ion:142 Resp: 27744
 Ion Ratio Lower Upper
 142 100
 127 46.2 41.6 62.4
 141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 83.636 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

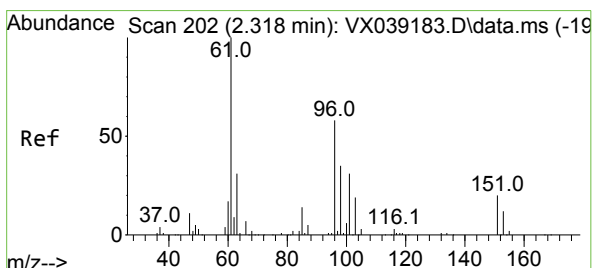
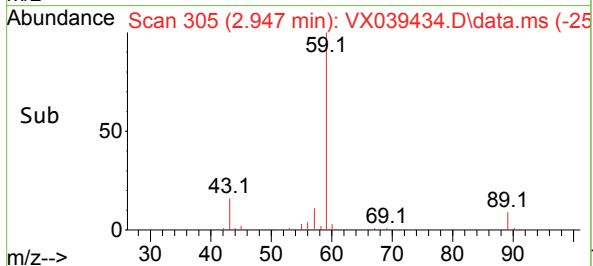
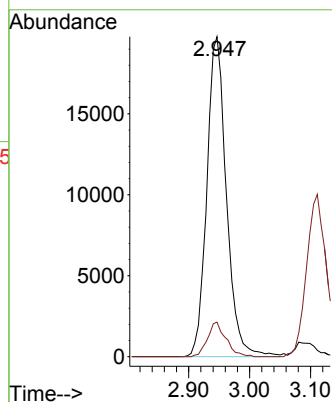
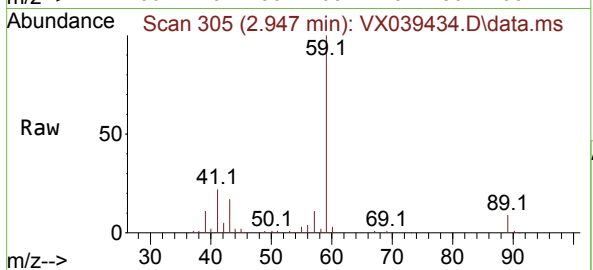
ClientSampleId :

Tgt Ion: 59 Resp: 44122

Ion Ratio Lower Upper

59 100

57 10.2 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 19.306 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

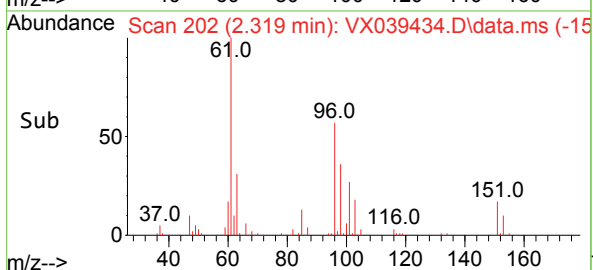
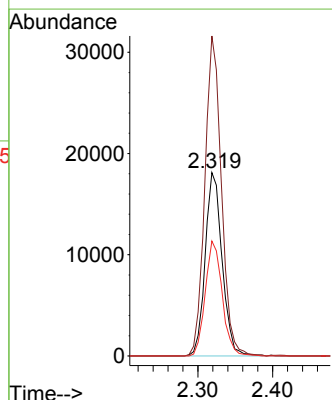
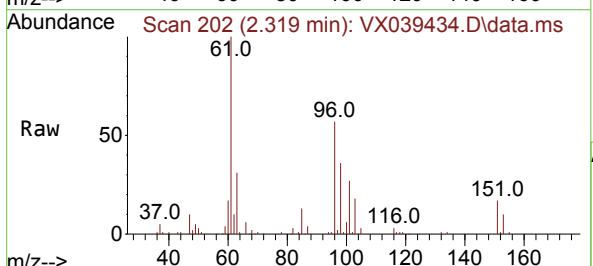
Tgt Ion: 96 Resp: 28471

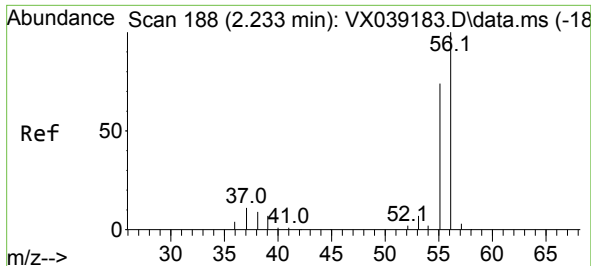
Ion Ratio Lower Upper

96 100

61 174.5 144.6 216.8

98 62.7 50.4 75.6





#13

Acrolein

Concen: 101.228 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

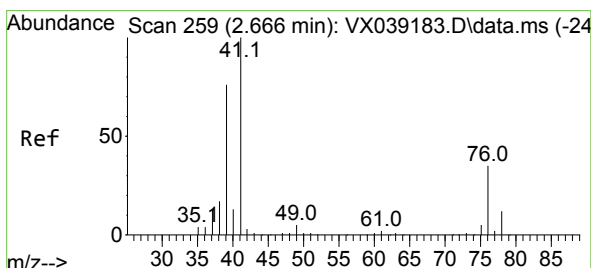
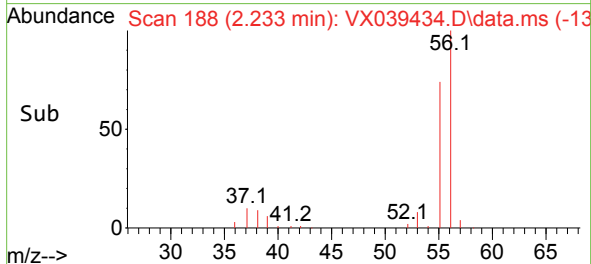
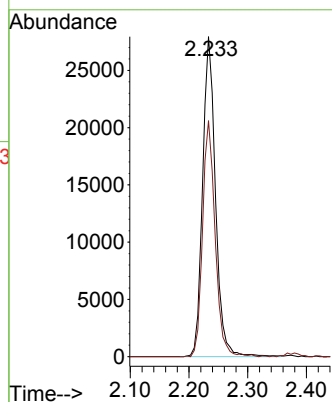
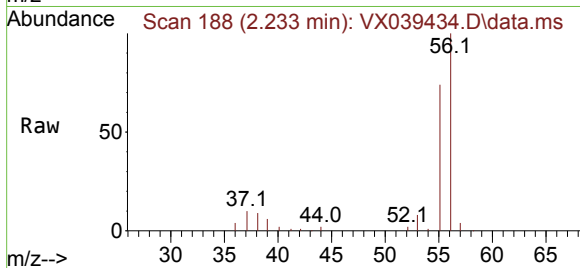
ClientSampleId :

Tgt Ion: 56 Resp: 42603

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



#14

Allyl chloride

Concen: 18.654 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

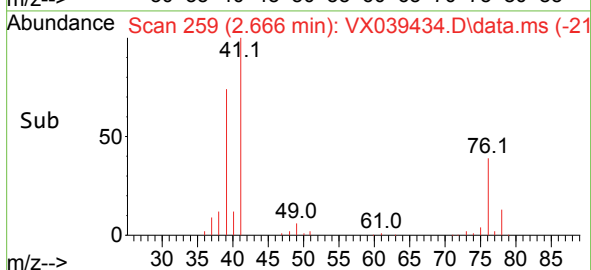
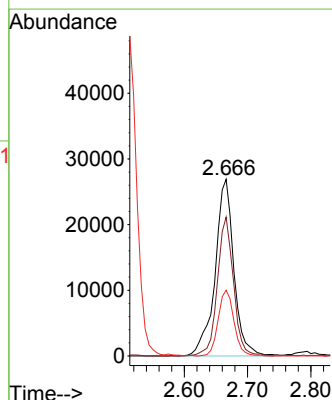
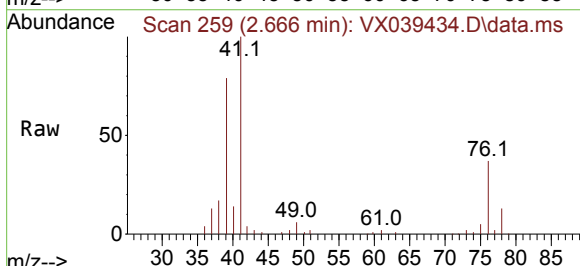
Tgt Ion: 41 Resp: 55729

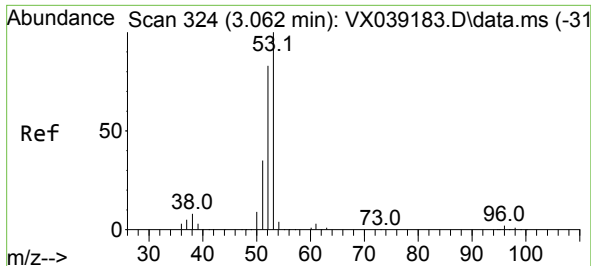
Ion Ratio Lower Upper

41 100

39 67.2 55.8 83.6

76 31.1 24.3 36.5

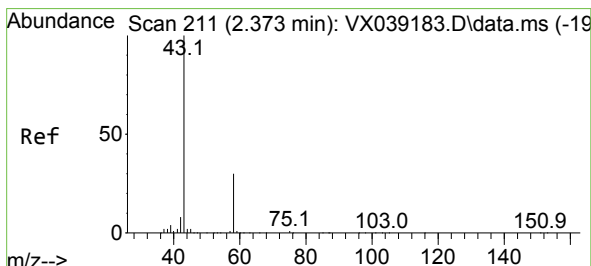
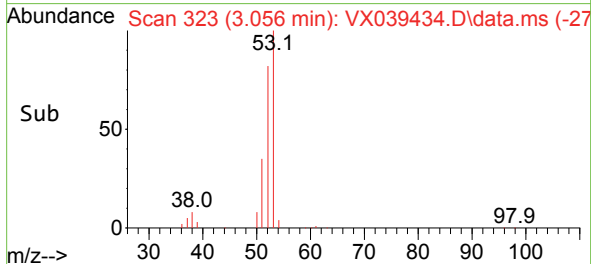
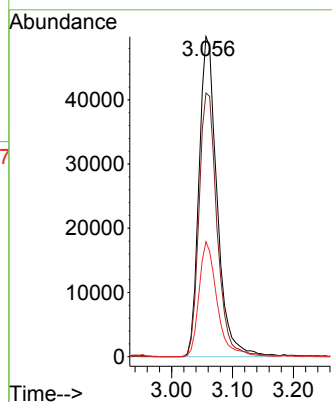
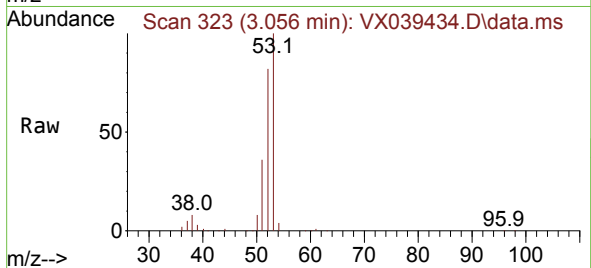




#15
Acrylonitrile
Concen: 97.307 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

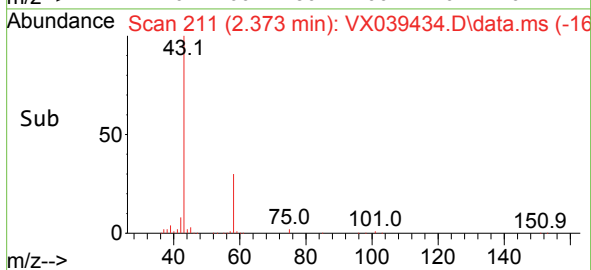
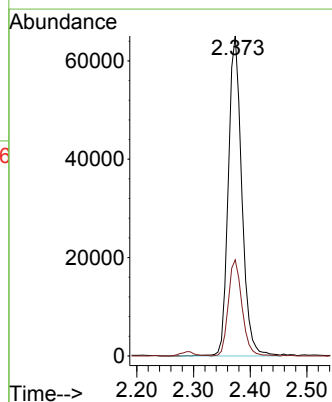
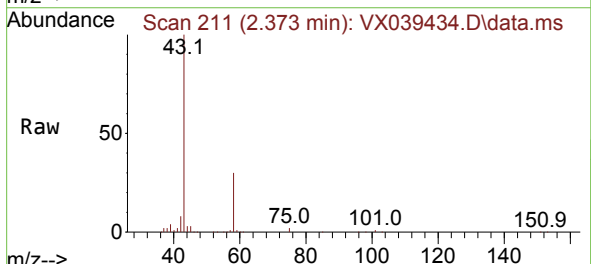
Instrument :
MSVOA_X
ClientSampleId :

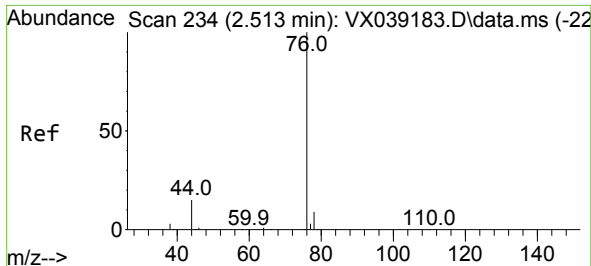
Tgt Ion: 53 Resp: 102752
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 36.0 29.8 44.6



#16
Acetone
Concen: 71.253 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 43 Resp: 107544
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9

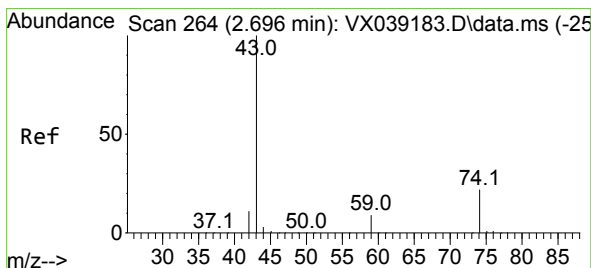
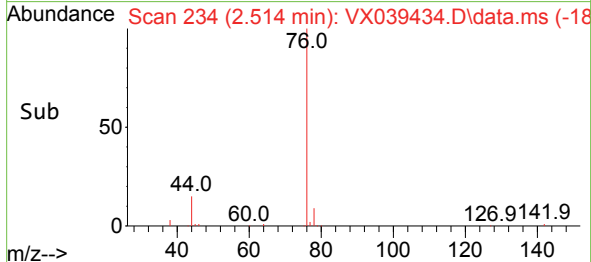
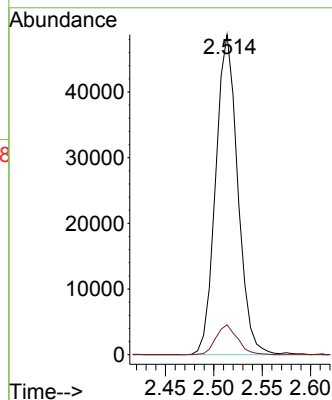
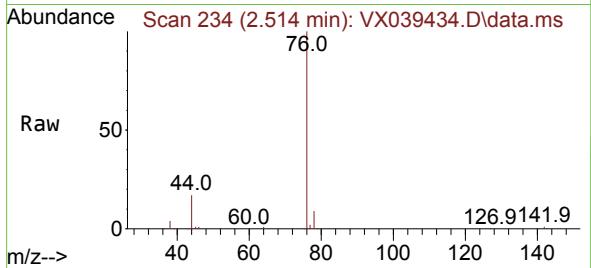




#17
Carbon Disulfide
Concen: 17.909 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

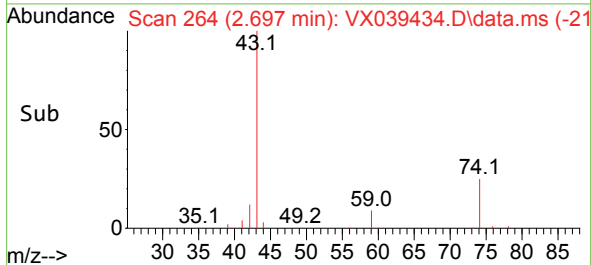
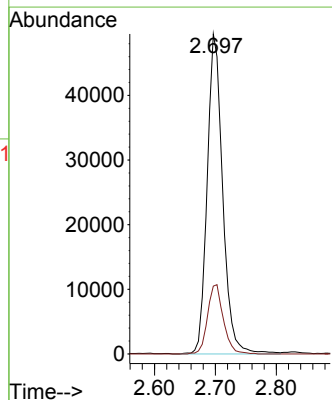
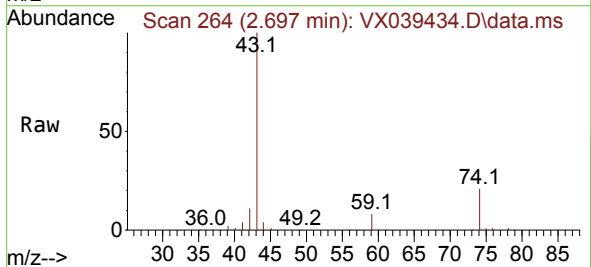
Instrument :
MSVOA_X
ClientSampleId :

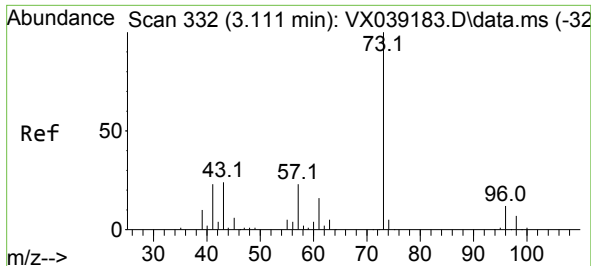
Tgt Ion: 76 Resp: 77289
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.297 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 43 Resp: 87685
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8

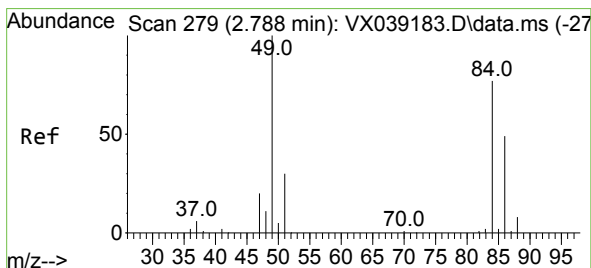
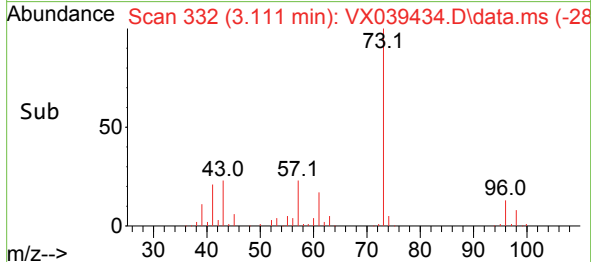
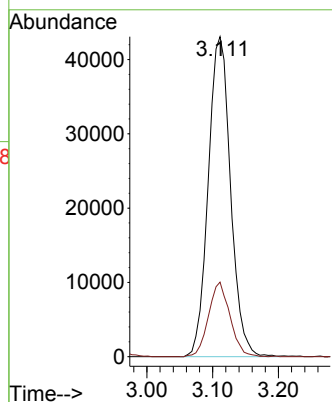
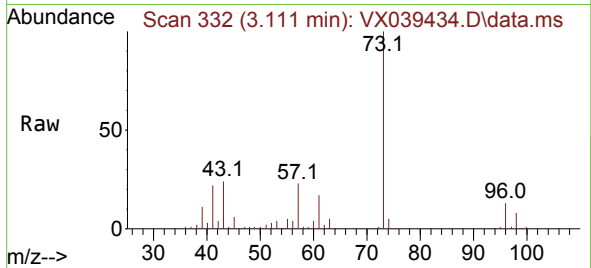




#19
Methyl tert-butyl Ether
Concen: 19.064 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

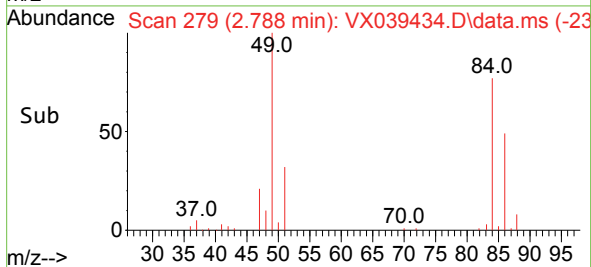
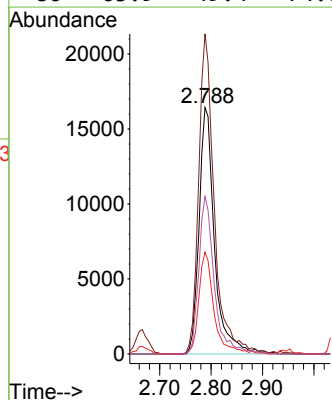
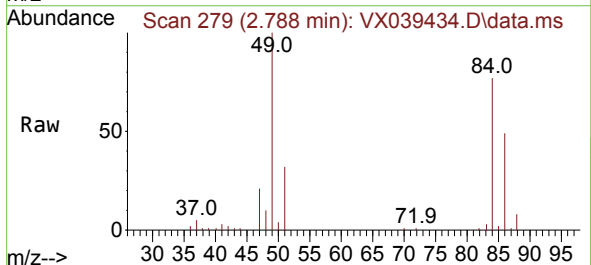
Instrument :
MSVOA_X
ClientSampleId :

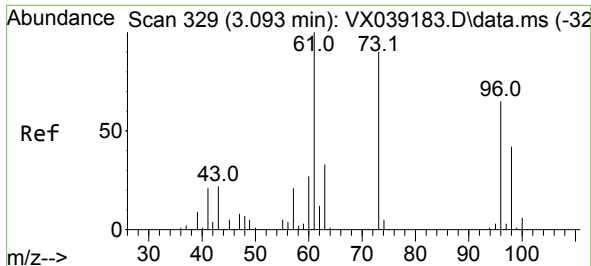
Tgt Ion: 73 Resp: 101675
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9



#20
Methylene Chloride
Concen: 19.670 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 84 Resp: 34447
Ion Ratio Lower Upper
84 100
49 129.8 103.6 155.4
51 41.3 33.8 50.6
86 63.9 49.4 74.0

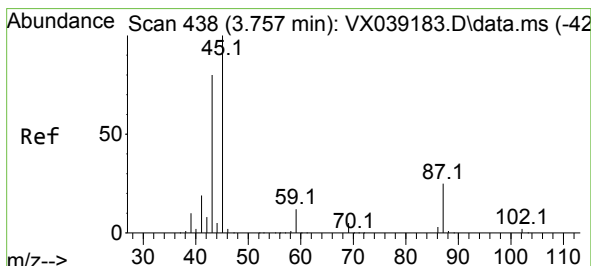
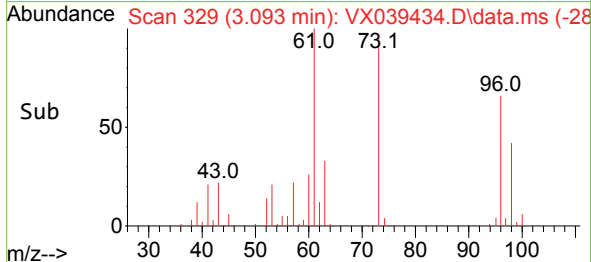
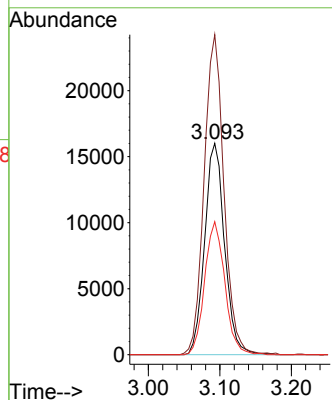
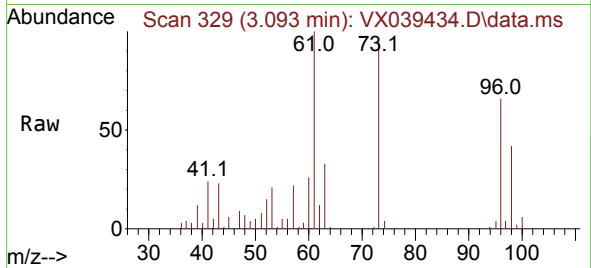




#21
trans-1,2-Dichloroethene
Concen: 19.289 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

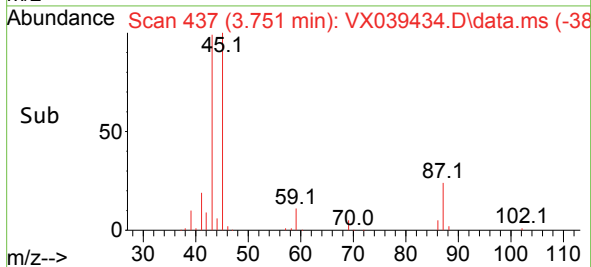
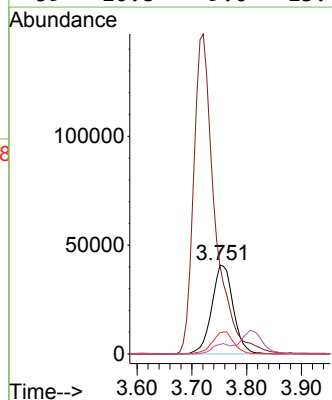
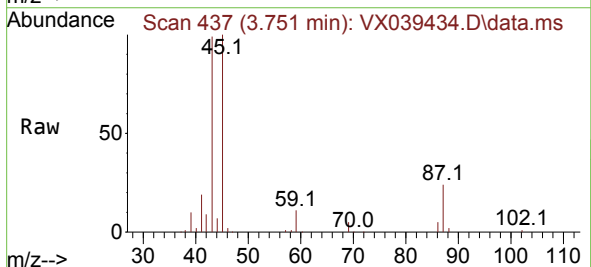
Instrument :
MSVOA_X
ClientSampleId :

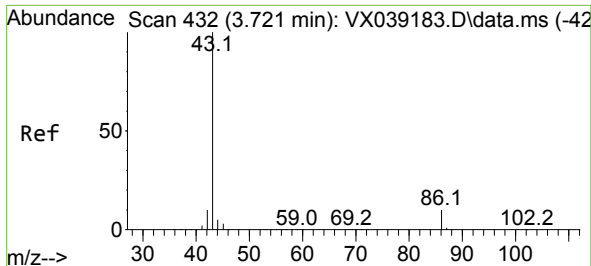
Tgt Ion: 96 Resp: 30953
Ion Ratio Lower Upper
96 100
61 151.4 119.2 178.8
98 63.0 48.7 73.1



#22
Diisopropyl ether
Concen: 20.432 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 45 Resp: 111111
Ion Ratio Lower Upper
45 100
43 97.8 69.7 104.5
87 23.9 20.8 31.2
59 10.8 9.0 13.4

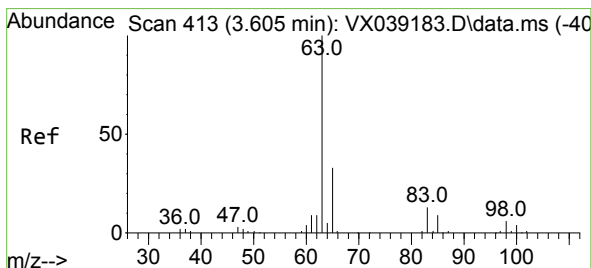
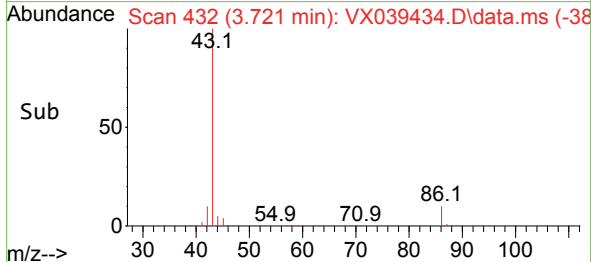
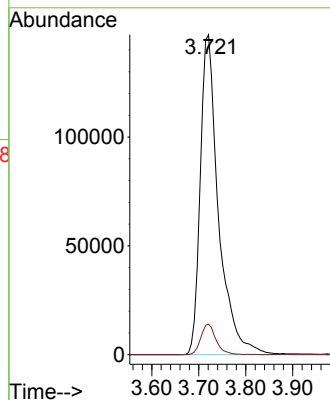
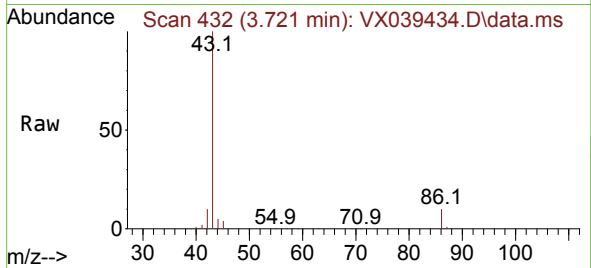




#23
 Vinyl Acetate
 Concen: 98.172 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

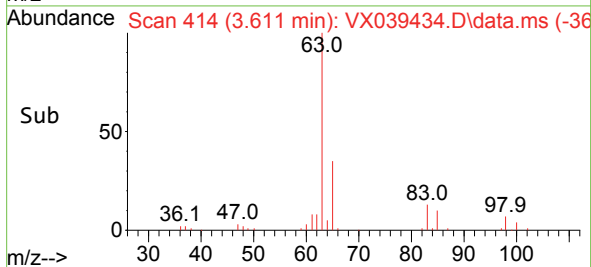
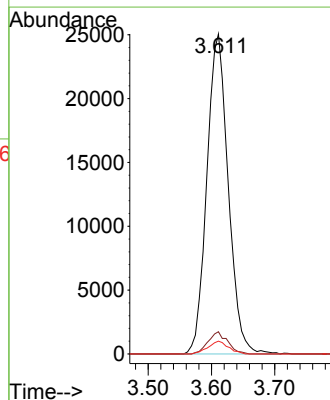
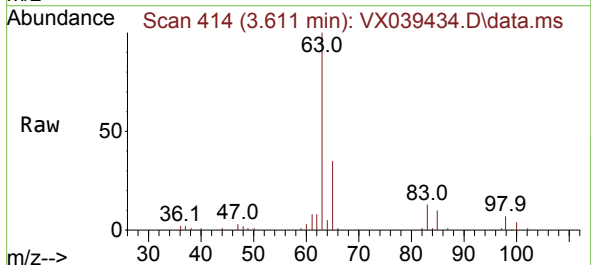
Instrument :
 MSVOA_X
 ClientSampleId :

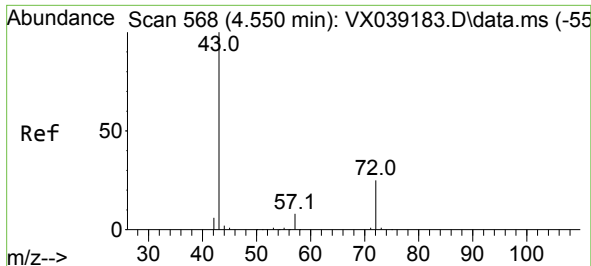
Tgt Ion: 43 Resp: 397446
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.161 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

Tgt Ion: 63 Resp: 58903
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.0 2.1 6.5

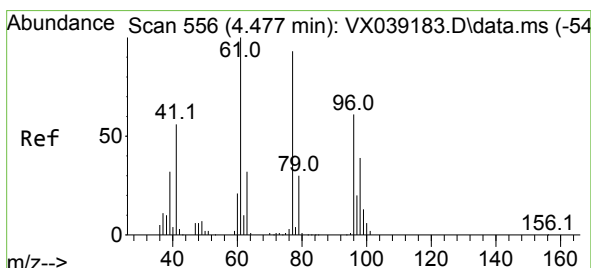
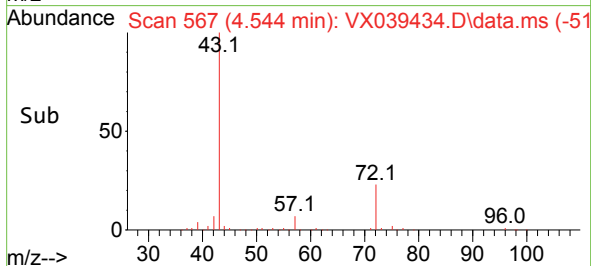
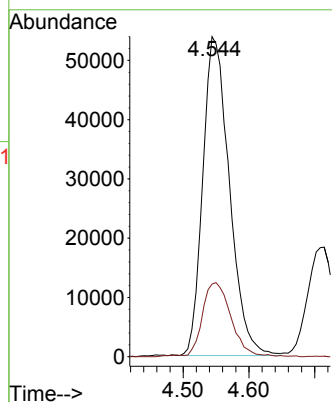
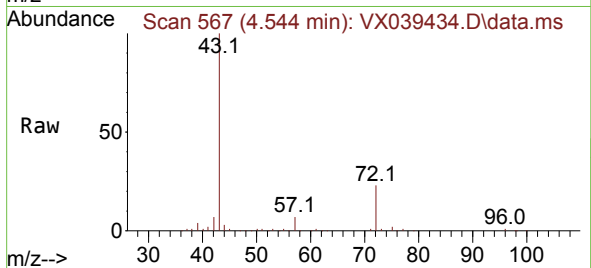




#25
2-Butanone
Concen: 83.674 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

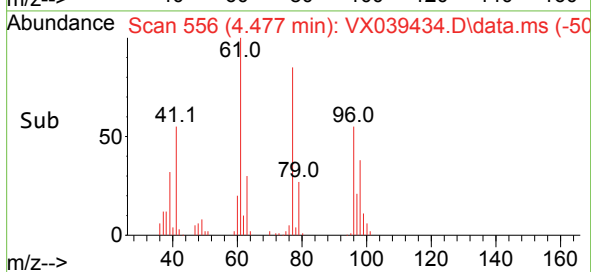
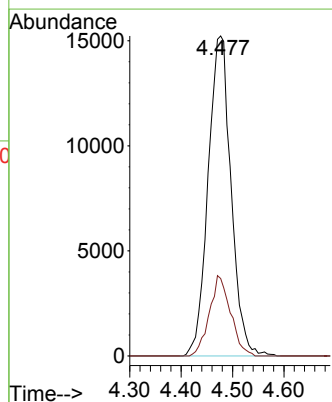
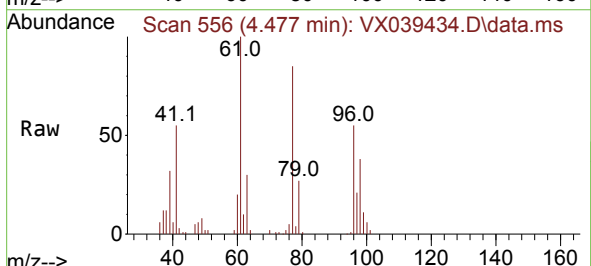
Instrument :
MSVOA_X
ClientSampleId :

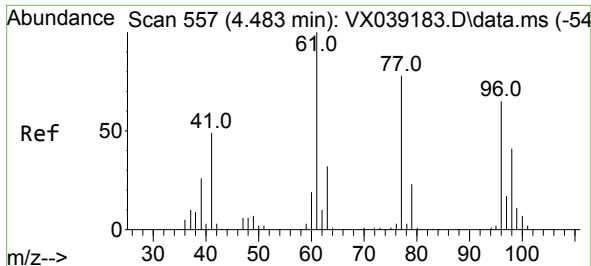
Tgt Ion: 43 Resp: 151689
Ion Ratio Lower Upper
43 100
72 22.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 17.549 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 77 Resp: 47098
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.870 ug/l

RT: 4.495 min Scan# 557

Delta R.T. 0.012 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

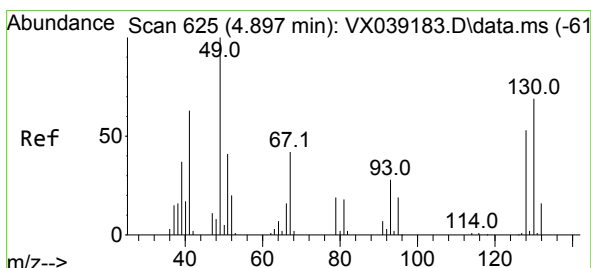
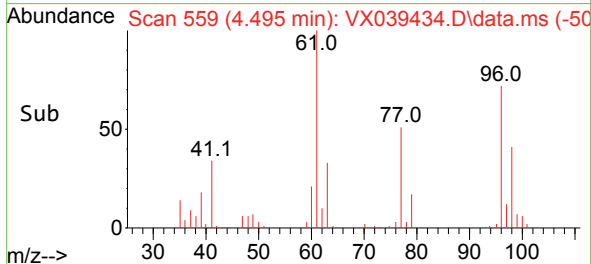
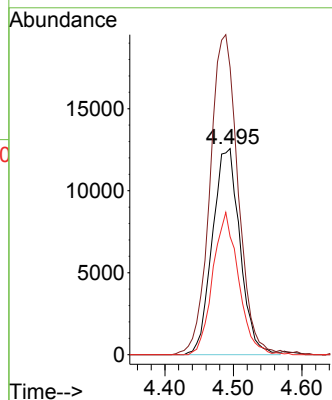
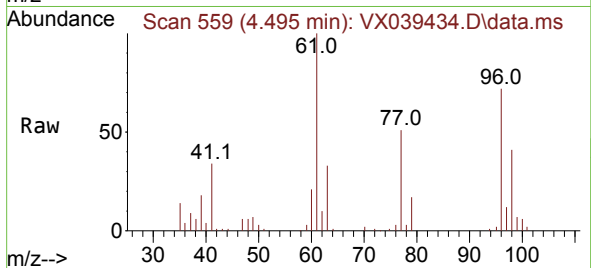
Tgt Ion: 96 Resp: 35194

Ion Ratio Lower Upper

96 100

61 158.8 0.0 312.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 21.118 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

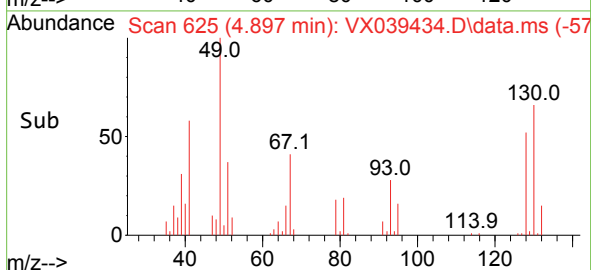
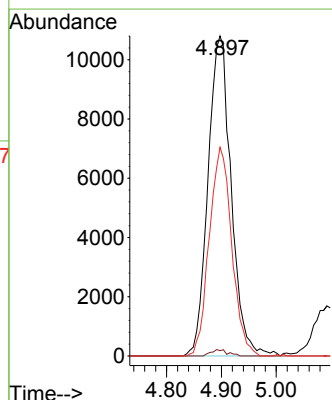
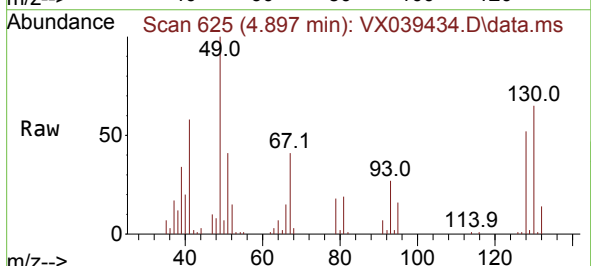
Tgt Ion: 49 Resp: 31675

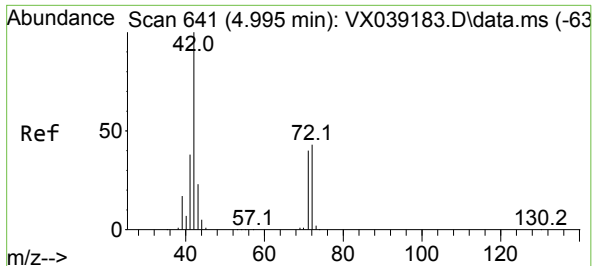
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 63.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 95.607 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

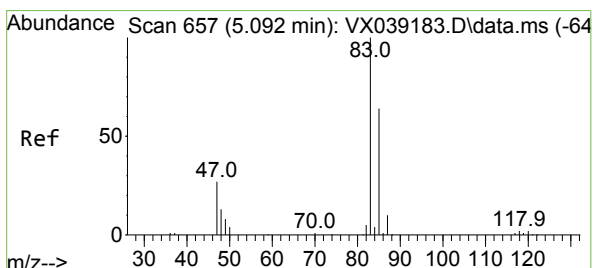
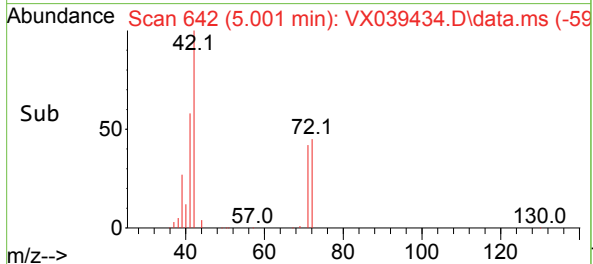
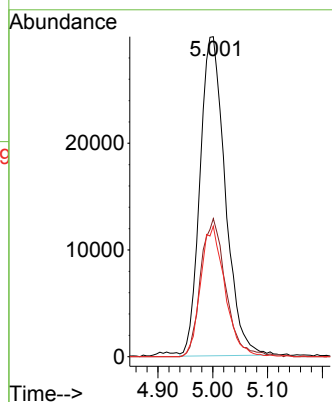
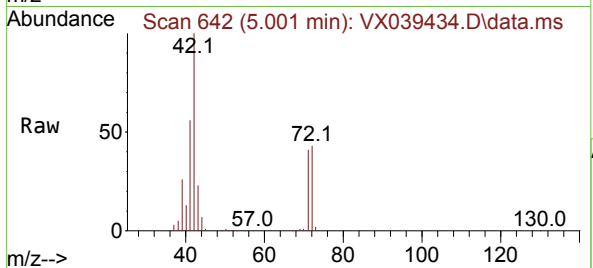
Tgt Ion: 42 Resp: 95716

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.4

71 39.4 32.2 48.2



#30

Chloroform

Concen: 19.240 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039434.D

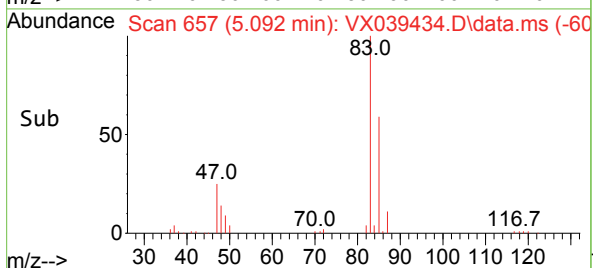
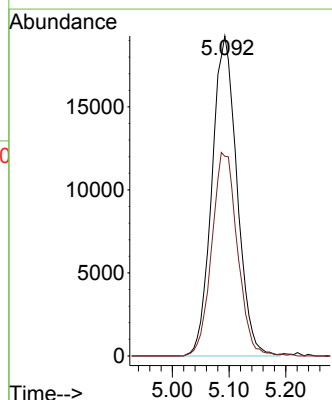
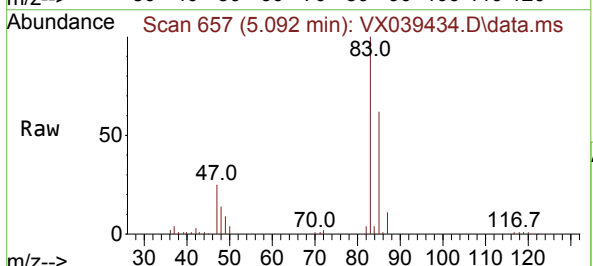
Acq: 22 Dec 2023 12:58

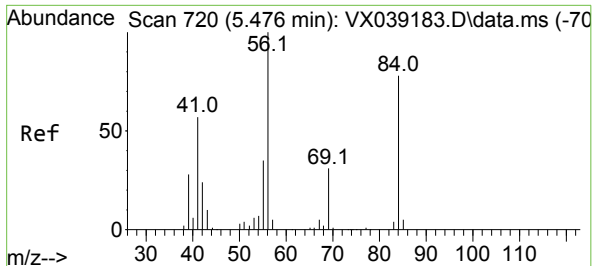
Tgt Ion: 83 Resp: 59106

Ion Ratio Lower Upper

83 100

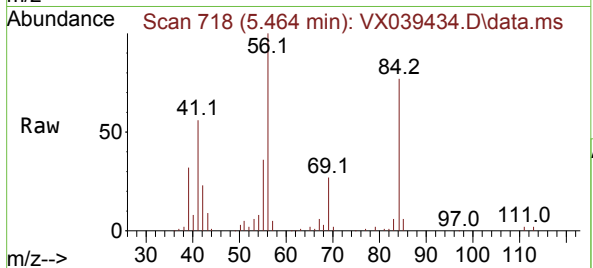
85 62.4 50.3 75.5



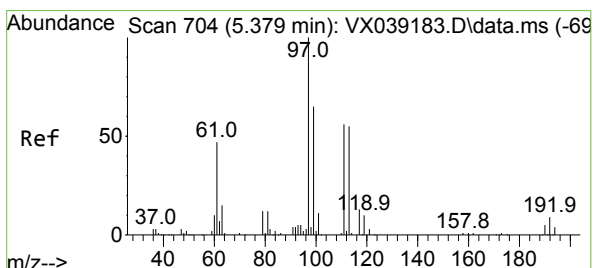
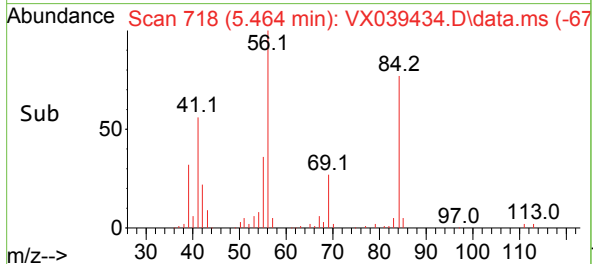
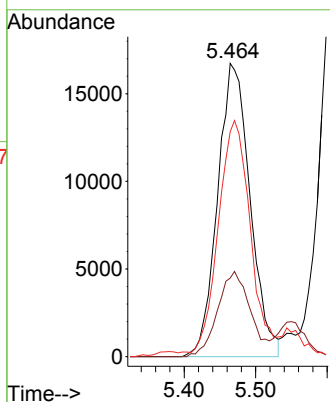


#31
Cyclohexane
Concen: 19.486 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :

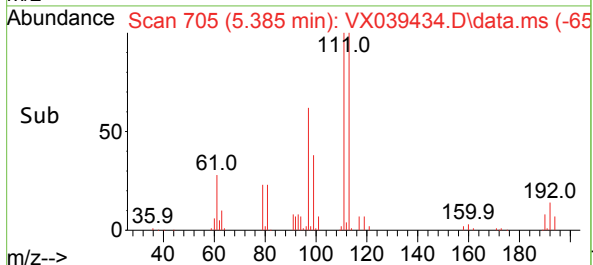
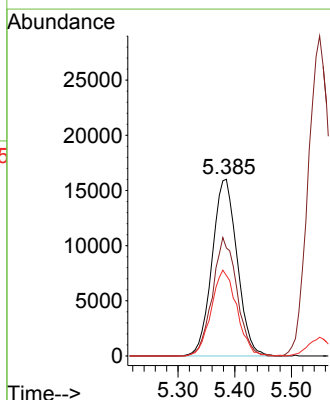
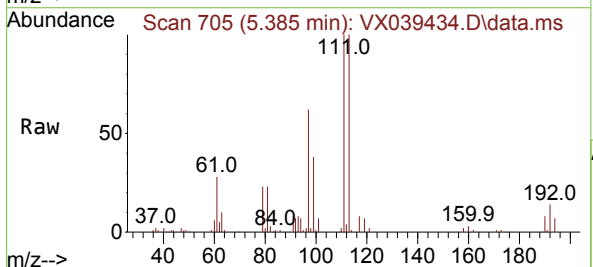


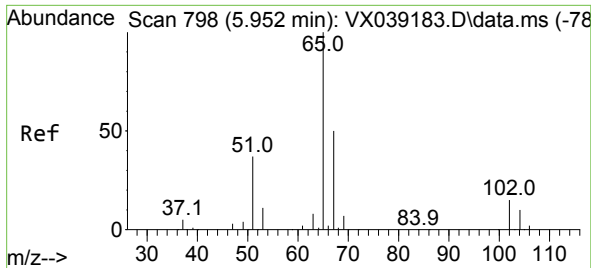
Tgt Ion: 56 Resp: 52874
Ion Ratio Lower Upper
56 100
69 26.8 23.4 35.2
84 75.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 18.432 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 97 Resp: 49154
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 49.4 36.4 54.6

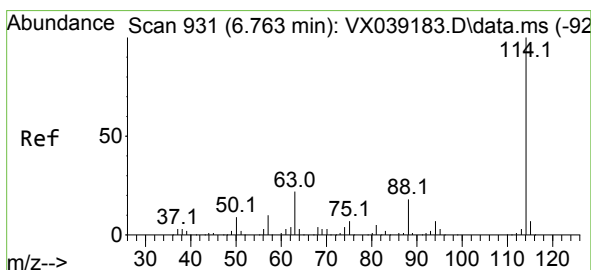
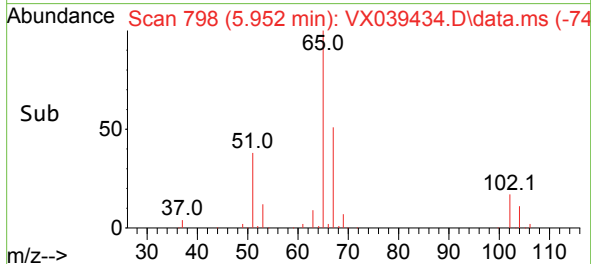
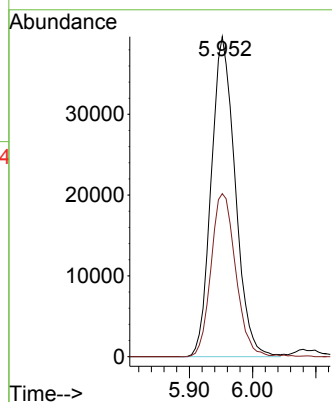
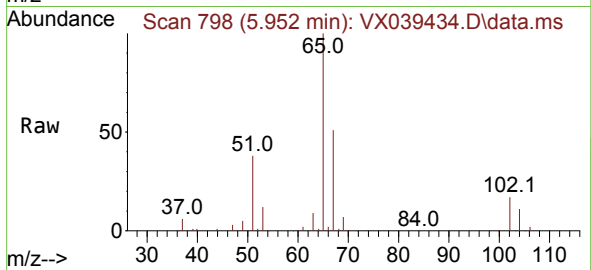




#33
1,2-Dichloroethane-d4
Concen: 49.555 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

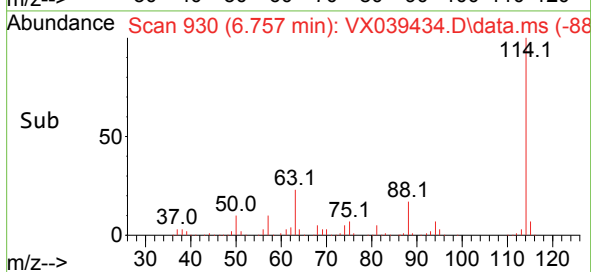
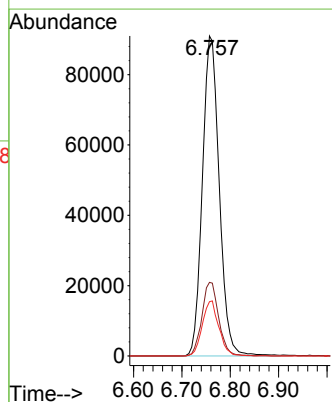
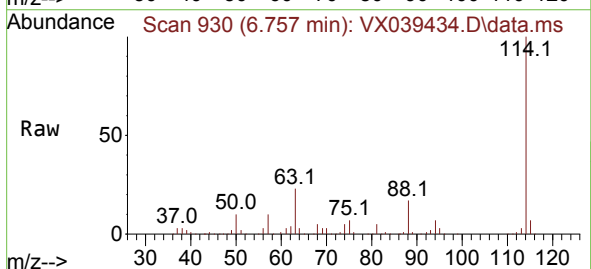
Instrument :
MSVOA_X
ClientSampleId :

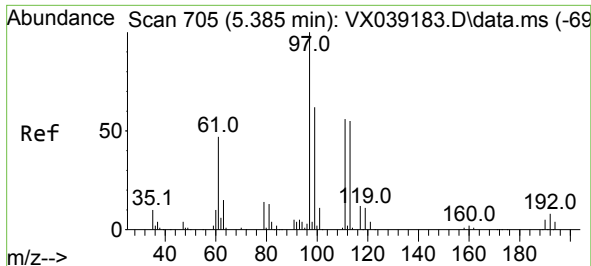
Tgt Ion: 65 Resp: 104105
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

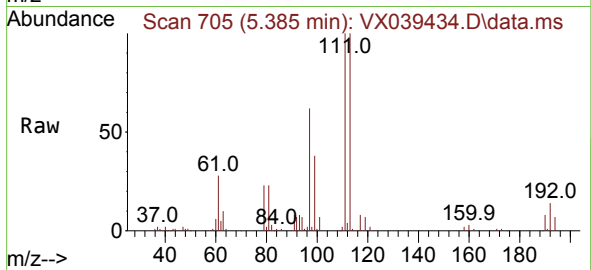
Tgt Ion:114 Resp: 220392
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.0 0.0 36.6



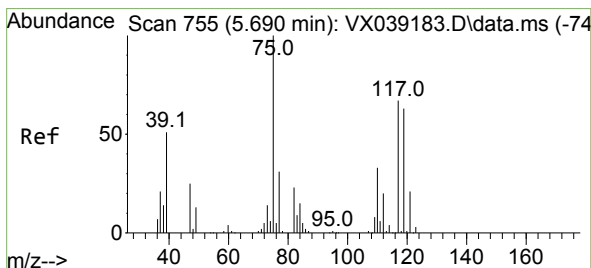
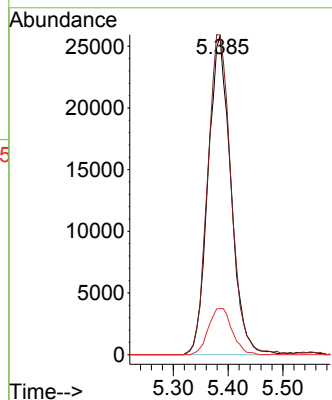
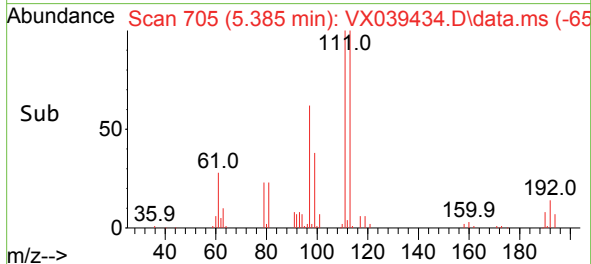


#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :

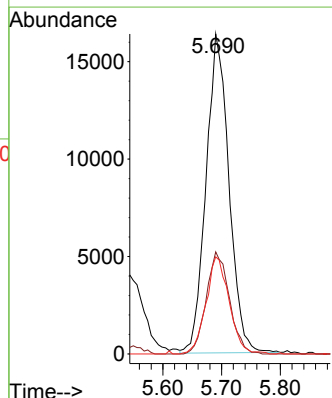
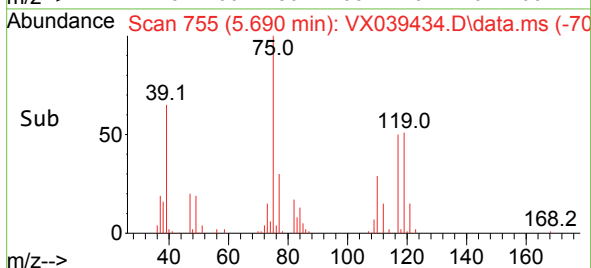
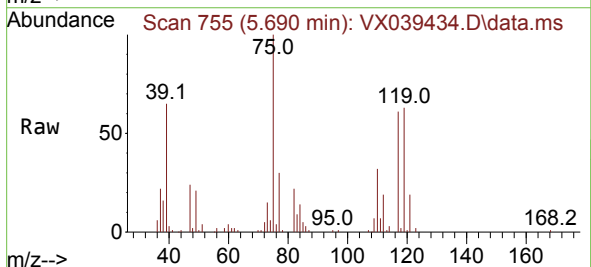


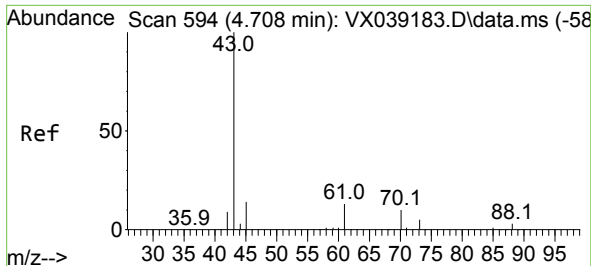
Tgt Ion:113 Resp: 74163
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 18.481 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 75 Resp: 44405
Ion Ratio Lower Upper
75 100
110 32.3 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 18.292 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

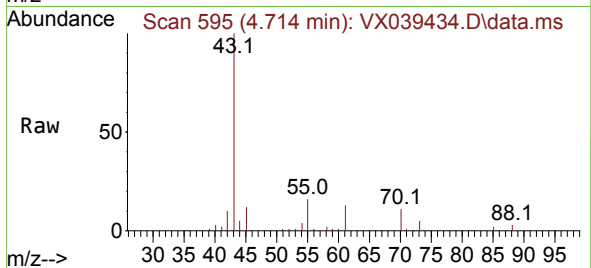
Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :



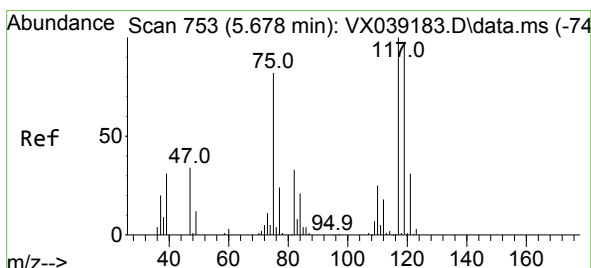
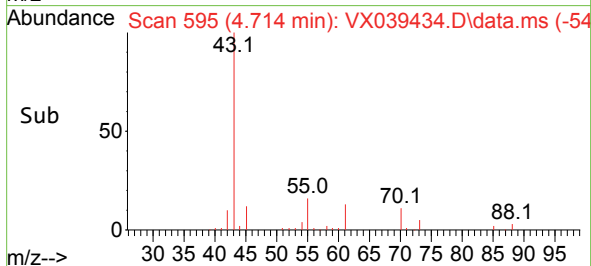
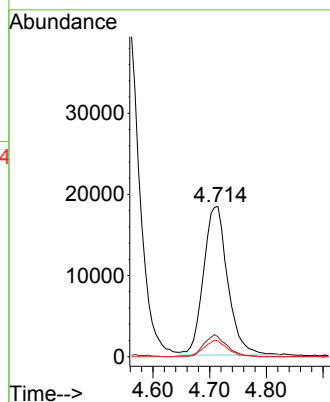
Tgt Ion: 43 Resp: 54299

Ion Ratio Lower Upper

43 100

61 14.1 10.6 16.0

70 10.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 16.994 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

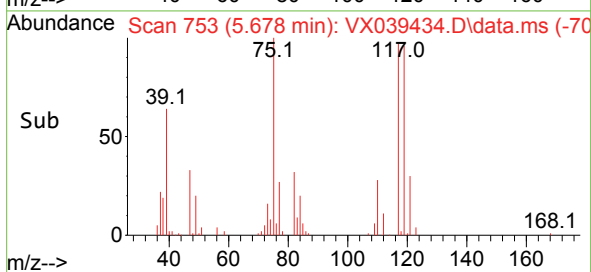
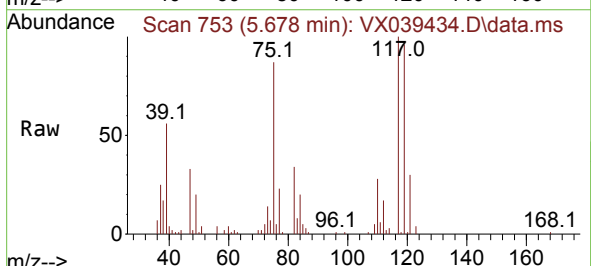
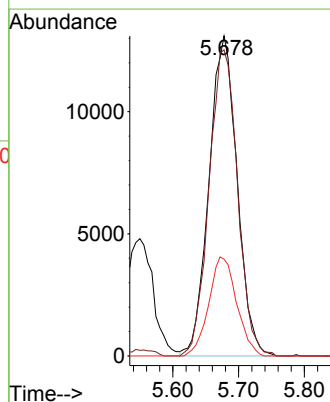
Tgt Ion: 117 Resp: 38966

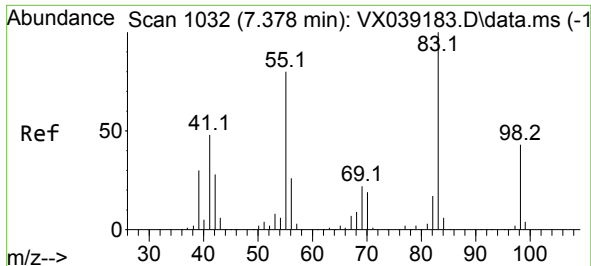
Ion Ratio Lower Upper

117 100

119 95.7 78.2 117.2

121 30.2 24.4 36.6

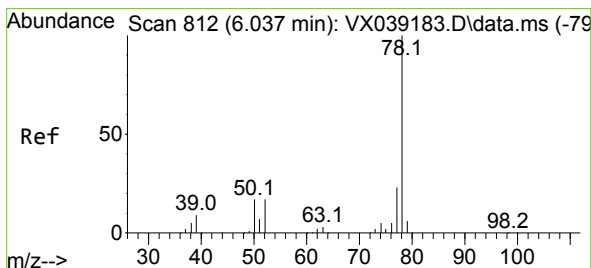
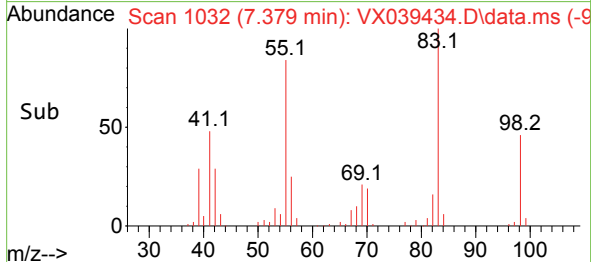
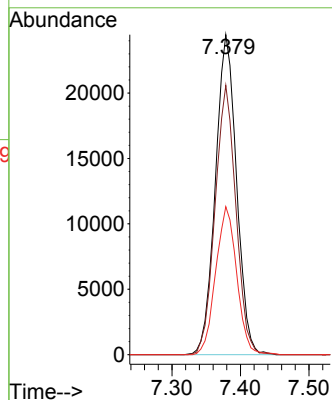
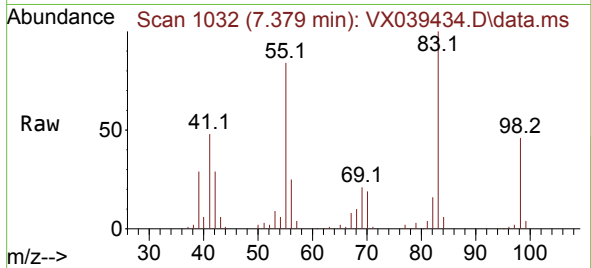




#39
Methylcyclohexane
Concen: 18.169 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

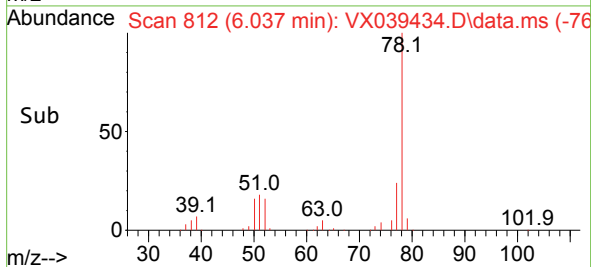
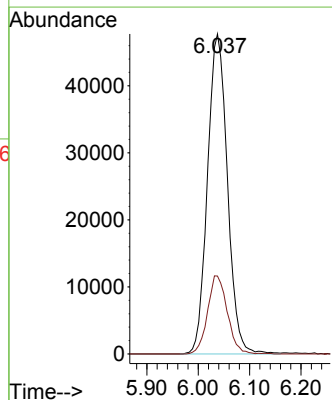
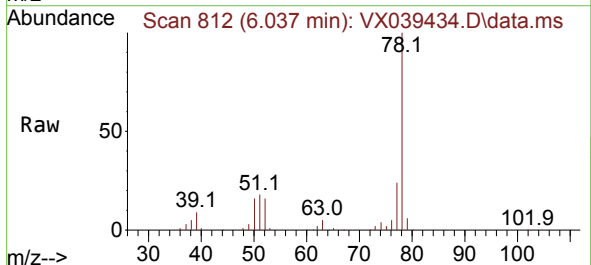
Instrument :
MSVOA_X
ClientSampleId :

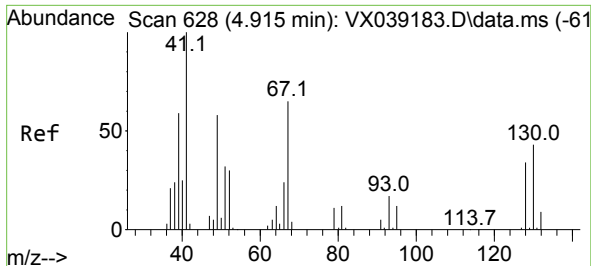
Tgt Ion: 83 Resp: 52438
Ion Ratio Lower Upper
83 100
55 84.2 64.6 97.0
98 46.2 36.7 55.1



#40
Benzene
Concen: 18.910 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 78 Resp: 128521
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

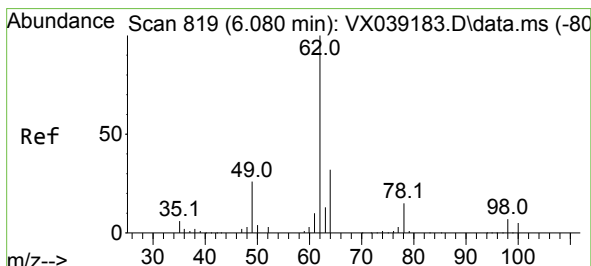
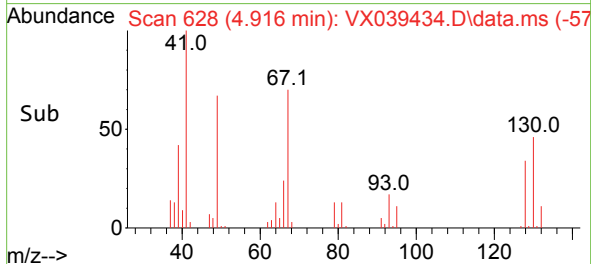
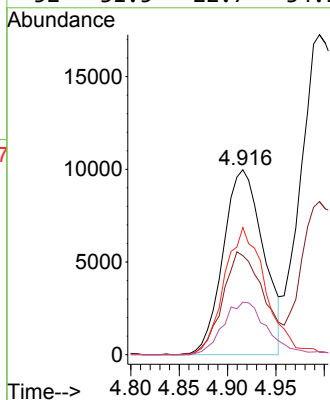
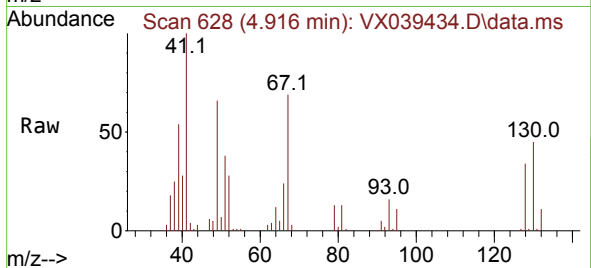




#41
Methacrylonitrile
Concen: 18.225 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

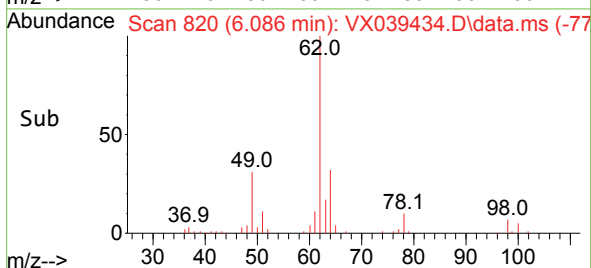
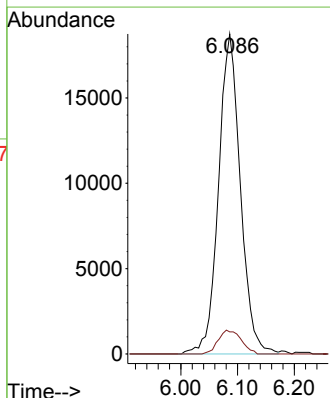
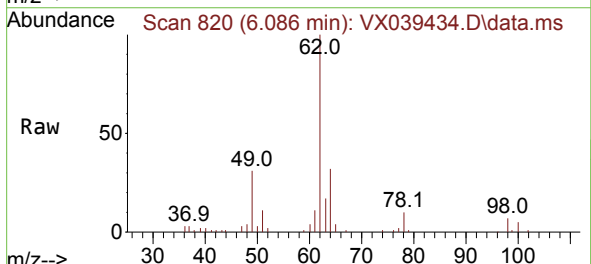
Instrument :
MSVOA_X
ClientSampleId :

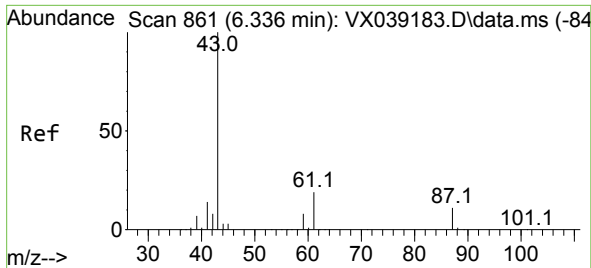
Tgt Ion: 41	Resp: 28864
Ion Ratio	Lower Upper
41 100	
39 58.2	45.2 67.8
67 71.7	52.6 78.8
52 31.5	22.7 34.1



#42
1,2-Dichloroethane
Concen: 18.222 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 62	Resp: 50131
Ion Ratio	Lower Upper
62 100	
98 7.8	0.0 16.0

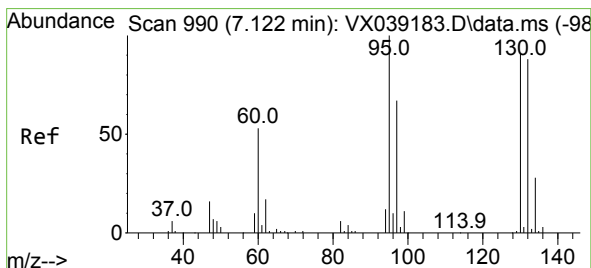
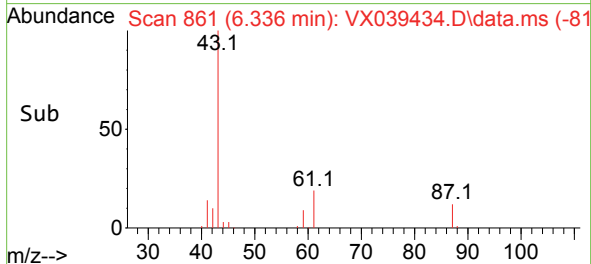
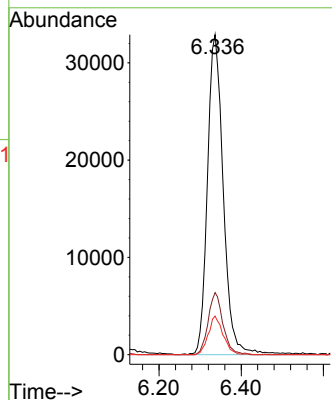
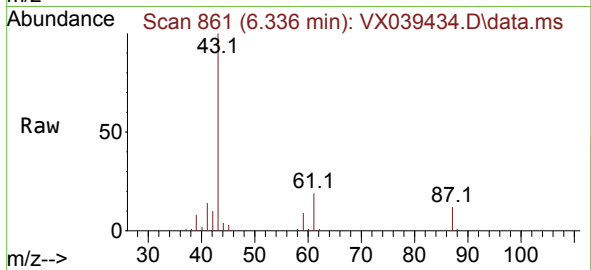




#43
Isopropyl Acetate
Concen: 18.178 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

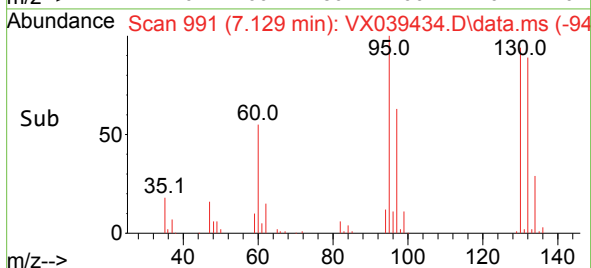
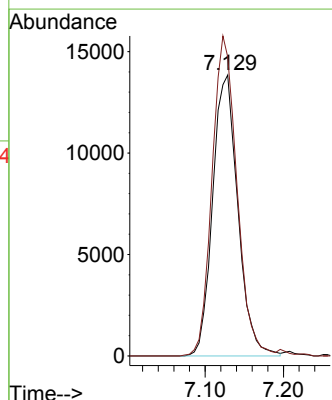
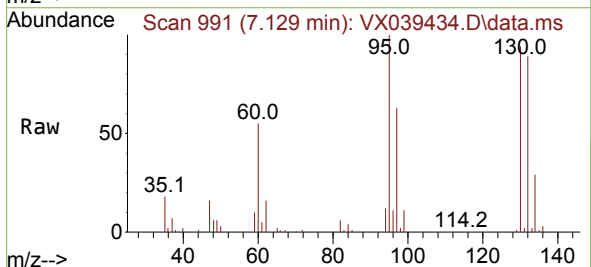
Instrument :
MSVOA_X
ClientSampleId :

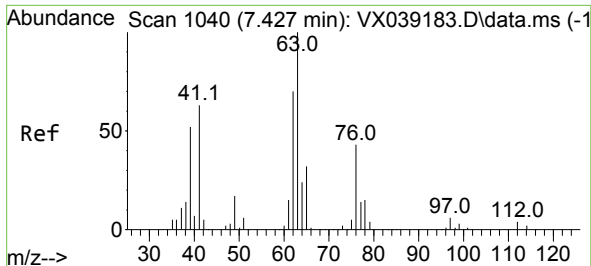
Tgt Ion: 43 Resp: 87747
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 11.3 9.8 14.6



#44
Trichloroethene
Concen: 18.069 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion:130 Resp: 30990
Ion Ratio Lower Upper
130 100
95 106.4 0.0 204.4

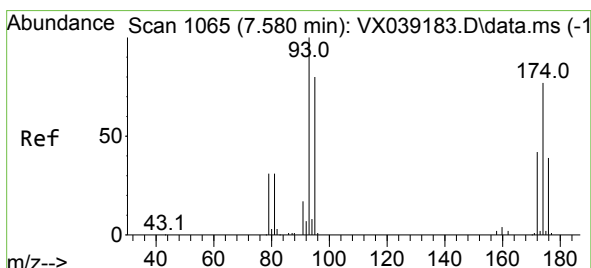
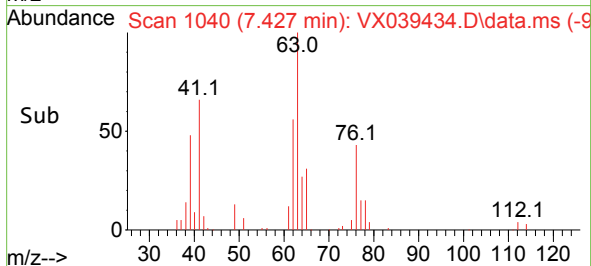
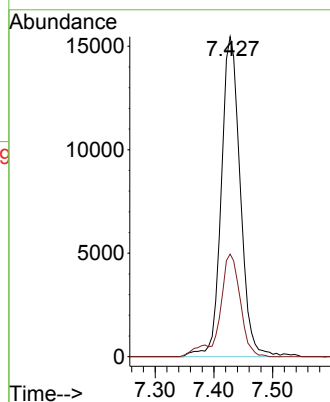
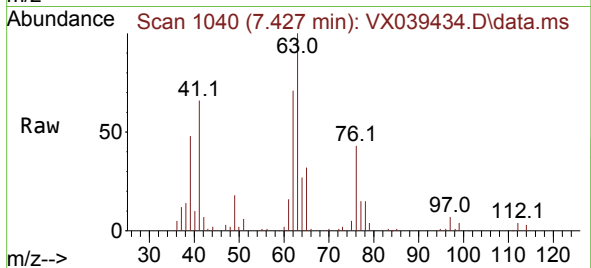




#45
1,2-Dichloropropane
Concen: 19.011 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

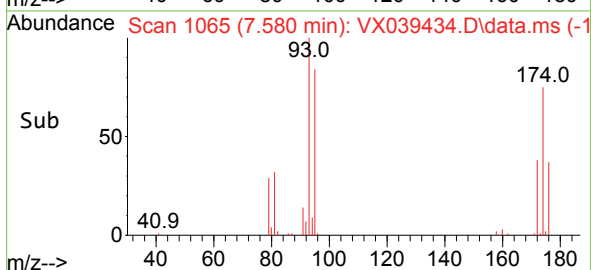
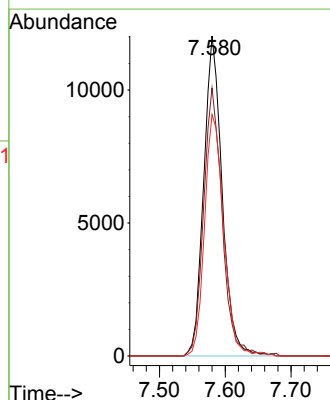
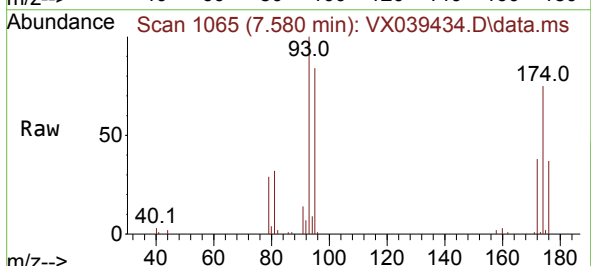
Instrument :
MSVOA_X
ClientSampleId :

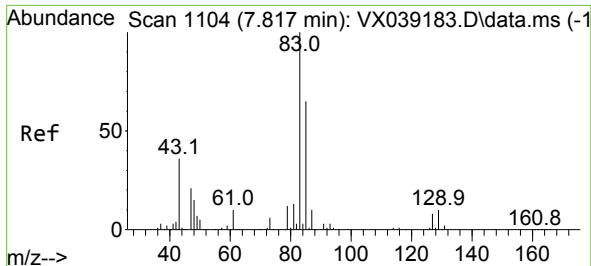
Tgt Ion: 63 Resp: 34678
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5



#46
Dibromomethane
Concen: 18.338 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

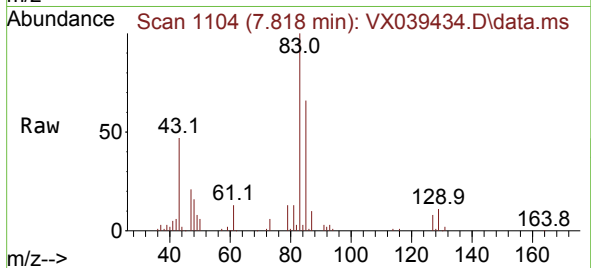
Tgt Ion: 93 Resp: 23514
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 77.6 69.4 104.0



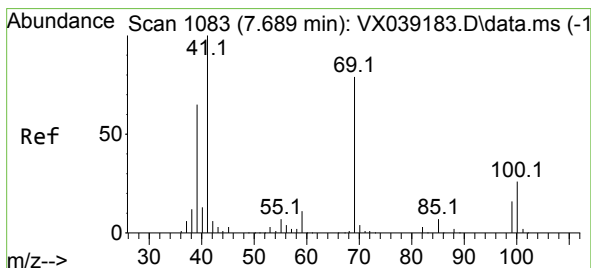
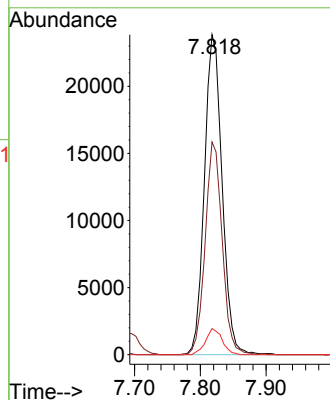
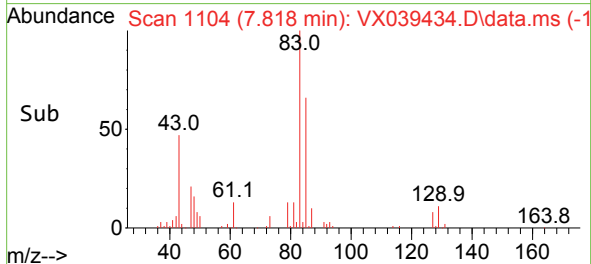


#47
Bromodichloromethane
Concen: 18.197 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :

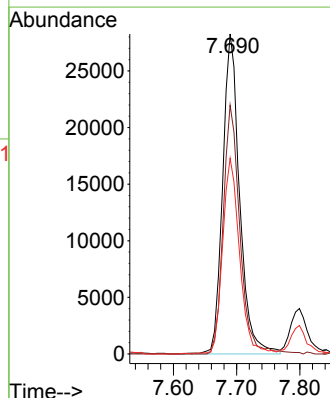
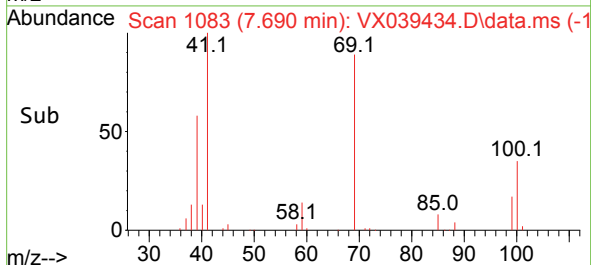
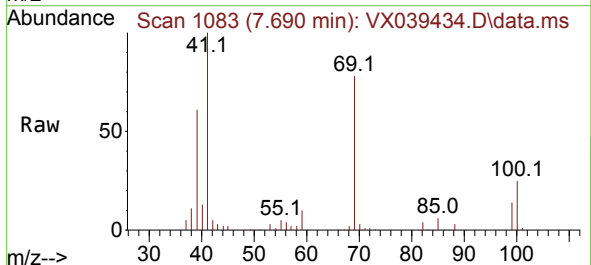


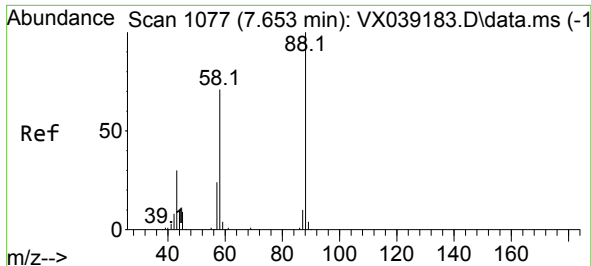
Tgt Ion: 83 Resp: 44613
Ion Ratio Lower Upper
83 100
85 66.5 49.8 74.6
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 18.611 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 41 Resp: 52520
Ion Ratio Lower Upper
41 100
69 76.2 59.2 88.8
39 61.2 47.7 71.5





#49

1,4-Dioxane

Concen: 352.746 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

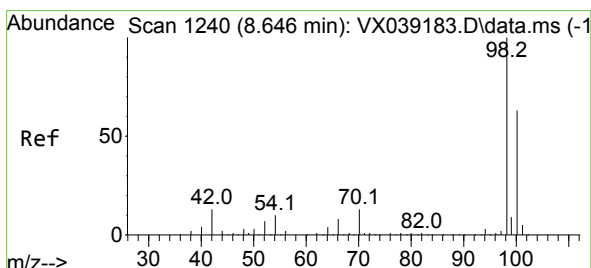
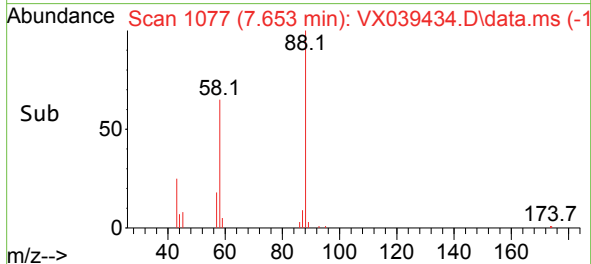
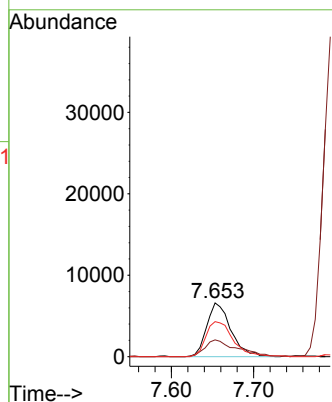
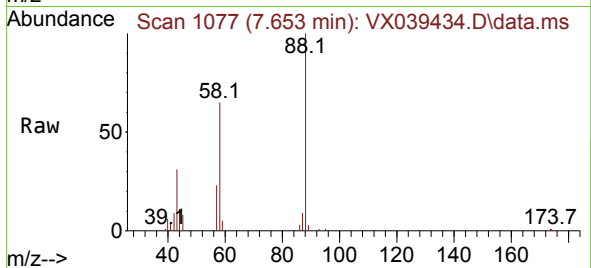
Tgt Ion: 88 Resp: 13418

Ion Ratio Lower Upper

88 100

43 42.5 0.0 0.0#

58 73.8 60.1 90.1



#50

Toluene-d8

Concen: 50.321 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039434.D

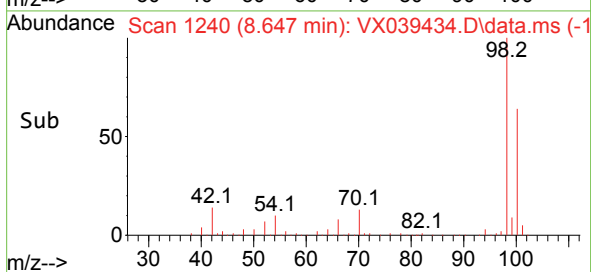
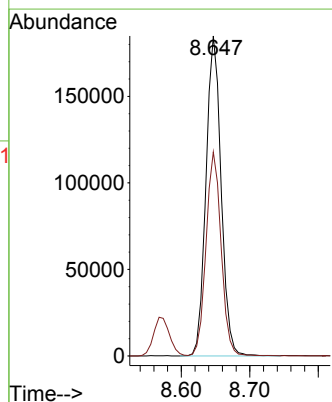
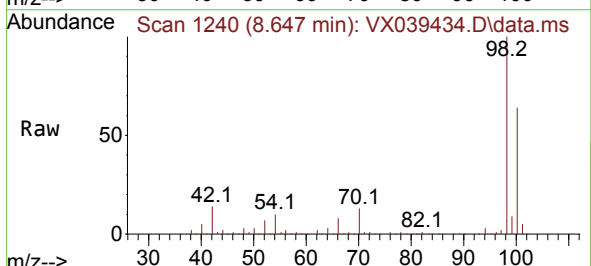
Acq: 22 Dec 2023 12:58

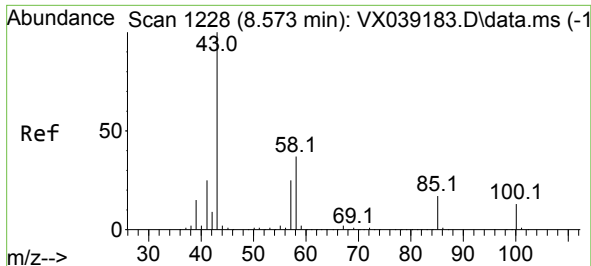
Tgt Ion: 98 Resp: 284447

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7

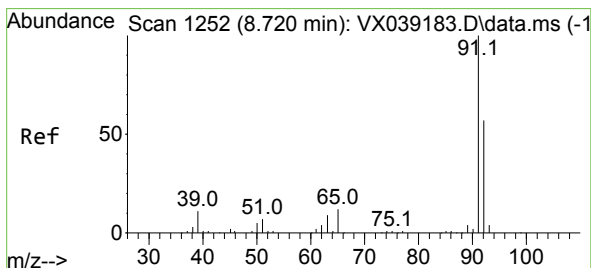
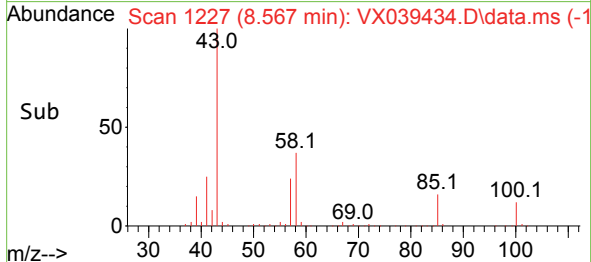
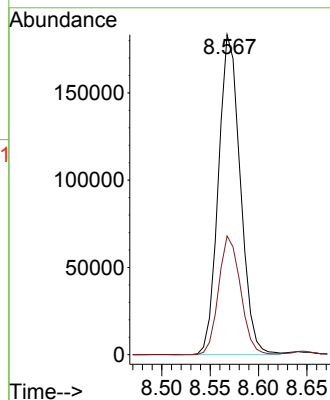
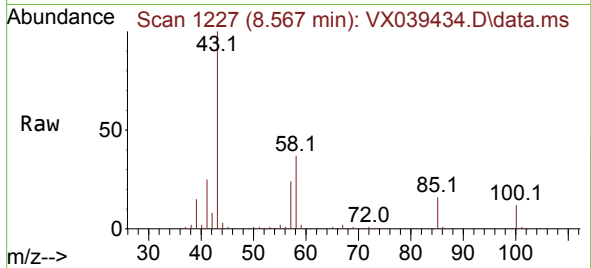




#51
4-Methyl-2-Pentanone
Concen: 93.821 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

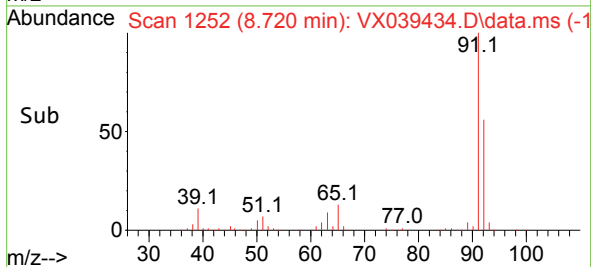
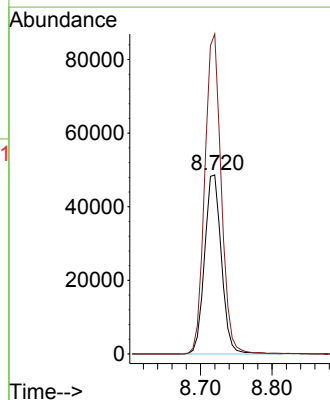
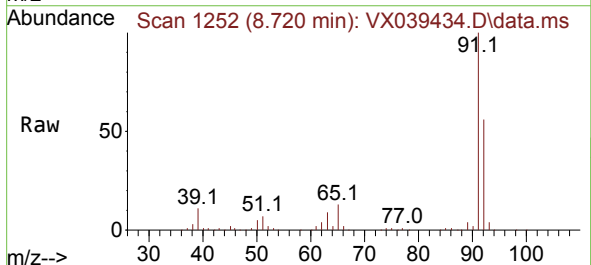
Instrument :
MSVOA_X
ClientSampleId :

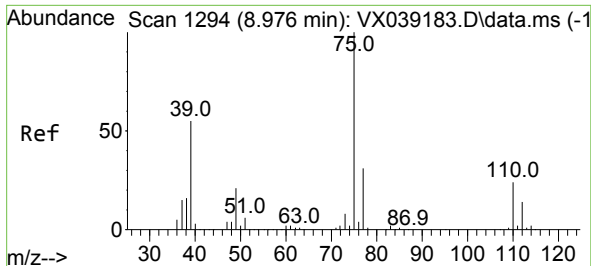
Tgt Ion: 43 Resp: 288547
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6



#52
Toluene
Concen: 19.373 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 92 Resp: 79473
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 17.634 ug/l

RT: 8.976 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

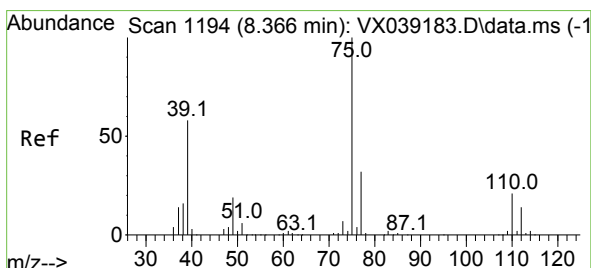
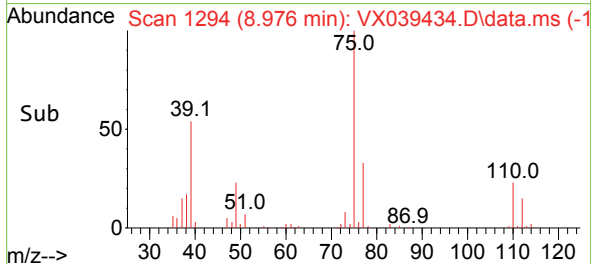
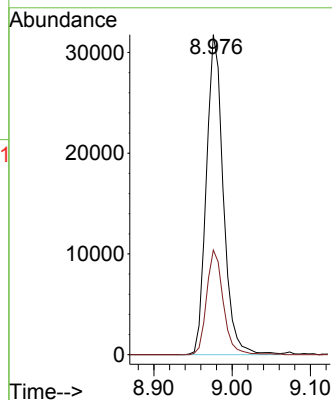
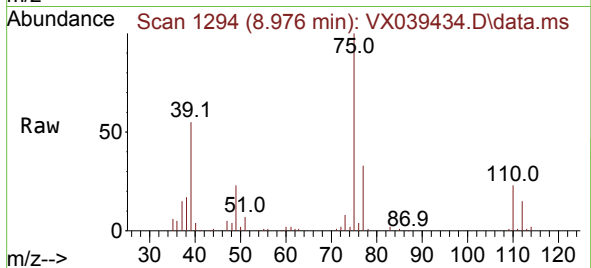
ClientSampleId :

Tgt Ion: 75 Resp: 47598

Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.048 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

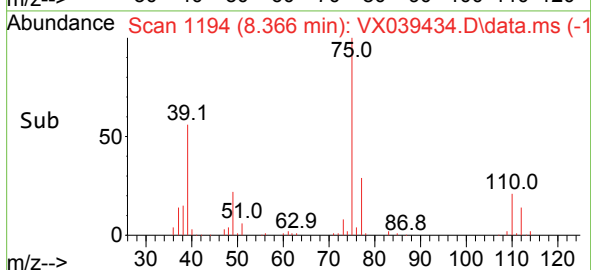
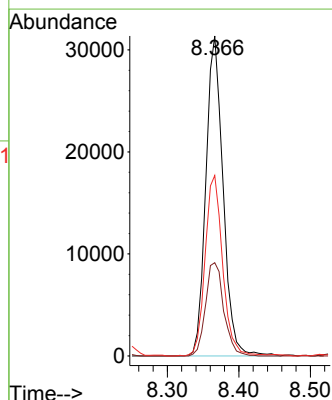
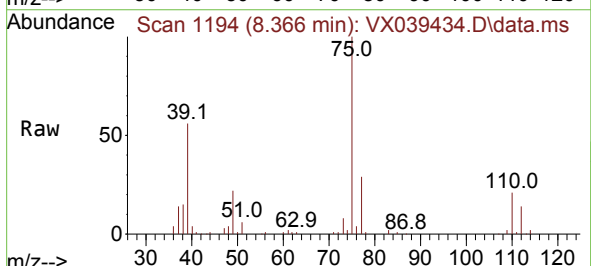
Tgt Ion: 75 Resp: 52415

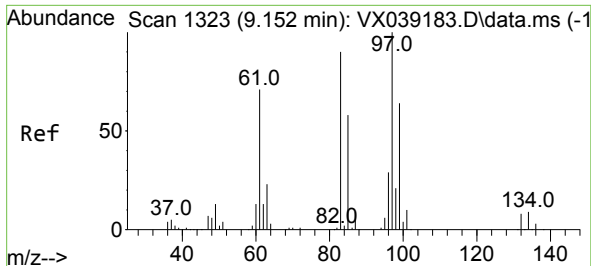
Ion Ratio Lower Upper

75 100

77 29.2 25.3 37.9

39 56.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 19.129 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.000 min

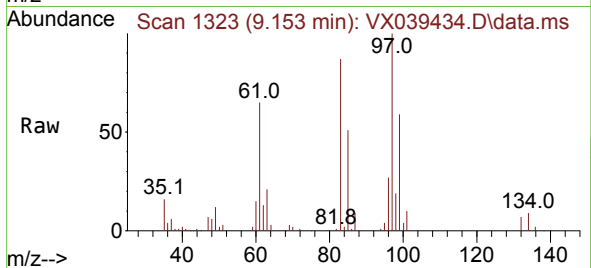
Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 32759

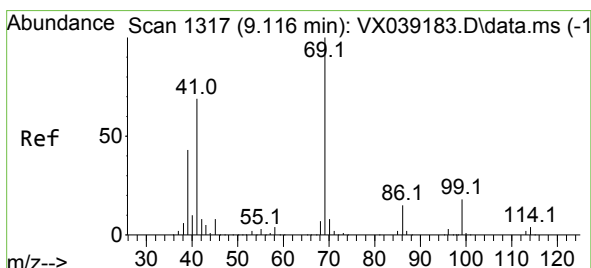
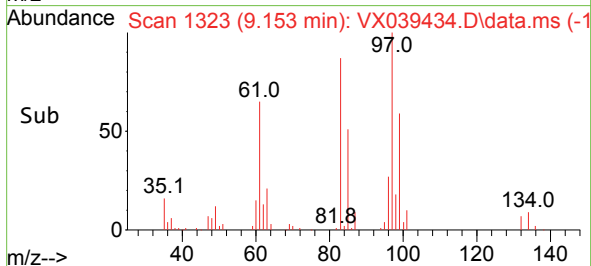
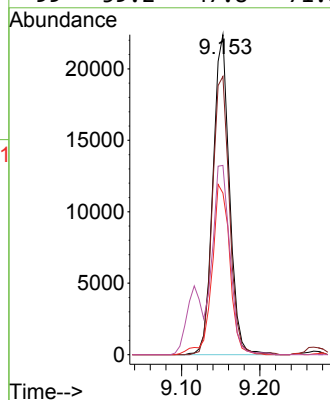
Ion Ratio Lower Upper

97 100

83 87.0 65.8 98.8

85 50.5 41.6 62.4

99 59.2 47.8 71.8



#56

Ethyl methacrylate

Concen: 19.043 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

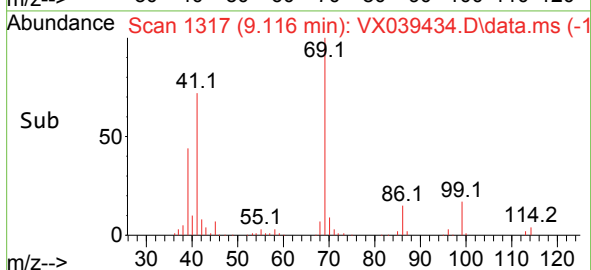
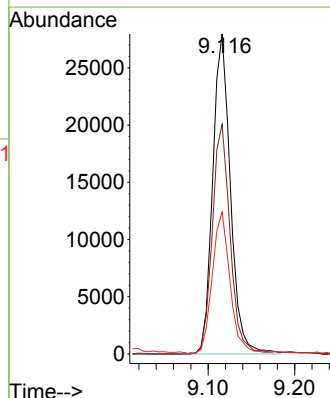
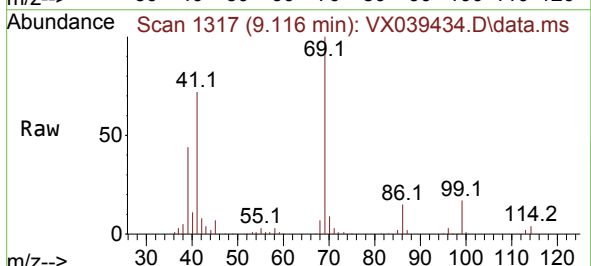
Tgt Ion: 69 Resp: 39813

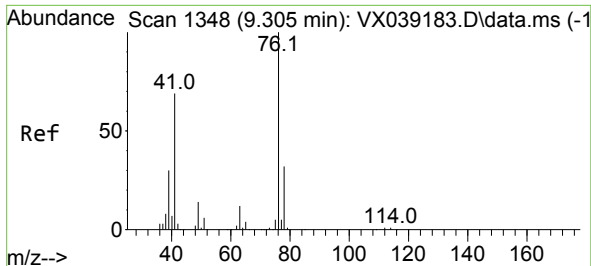
Ion Ratio Lower Upper

69 100

41 73.2 56.8 85.2

39 44.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.379 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

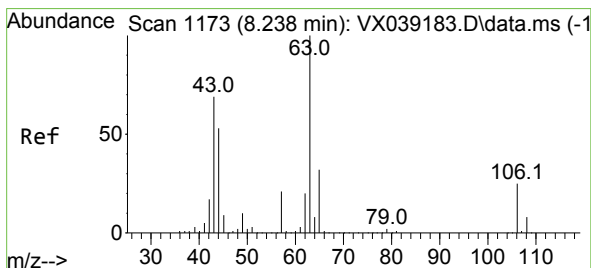
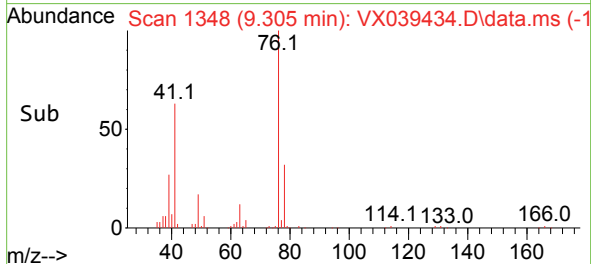
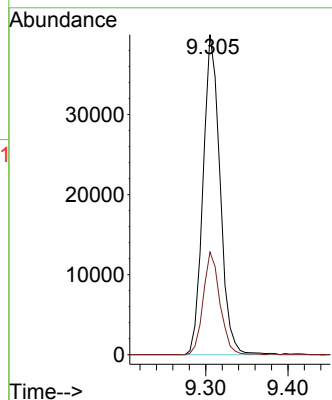
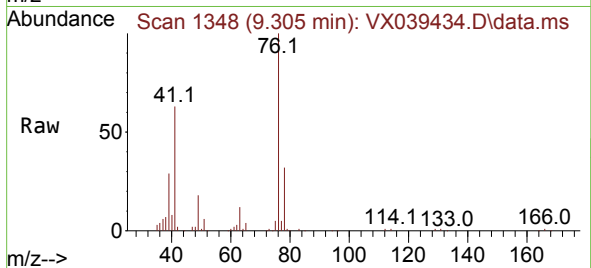
ClientSampleId :

Tgt Ion: 76 Resp: 57375

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 97.364 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039434.D

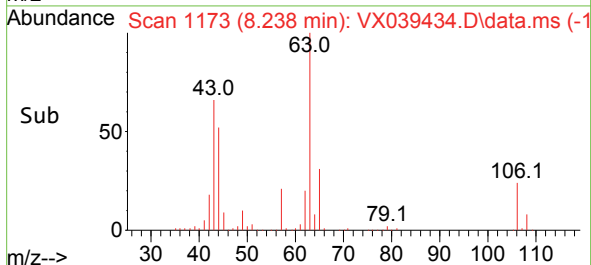
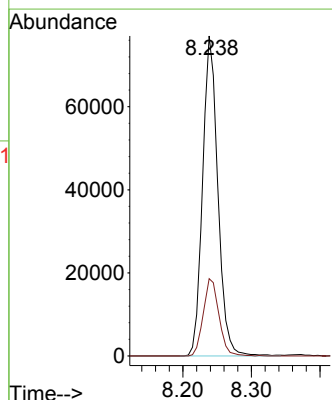
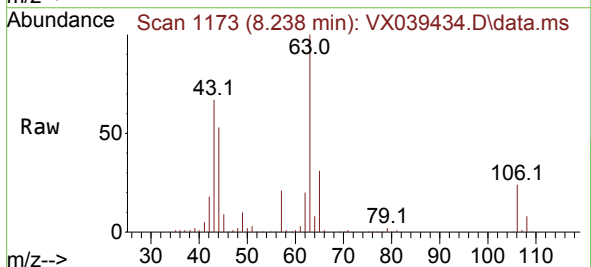
Acq: 22 Dec 2023 12:58

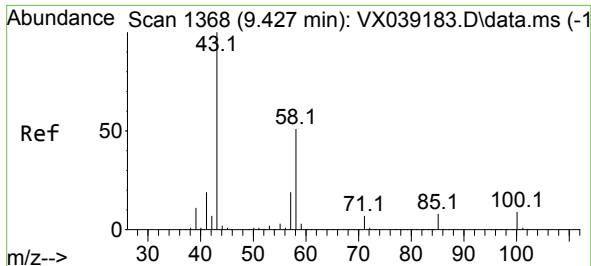
Tgt Ion: 63 Resp: 119525

Ion Ratio Lower Upper

63 100

106 24.7 22.5 33.7





#59

2-Hexanone

Concen: 87.223 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

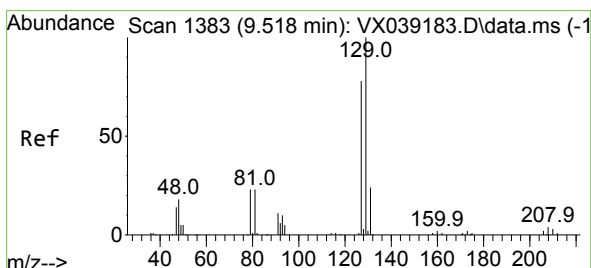
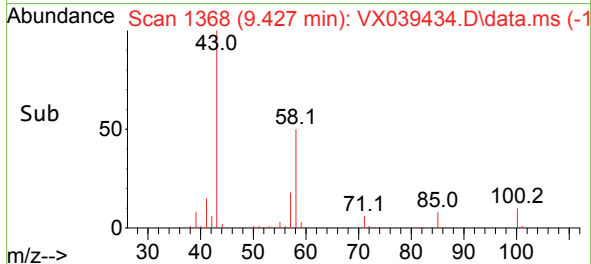
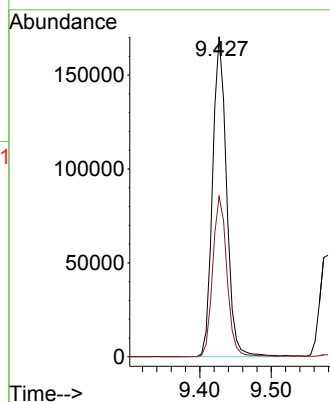
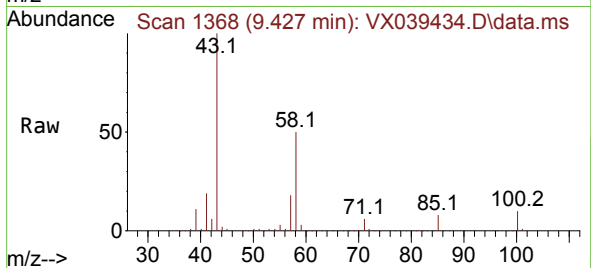
ClientSampleId :

Tgt Ion: 43 Resp: 231515

Ion Ratio Lower Upper

43 100

58 51.1 26.2 78.5



#60

Dibromochloromethane

Concen: 17.903 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039434.D

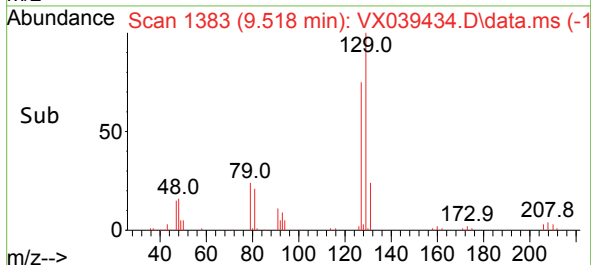
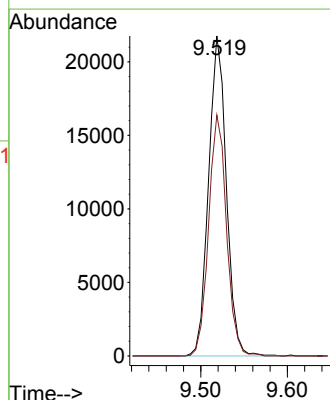
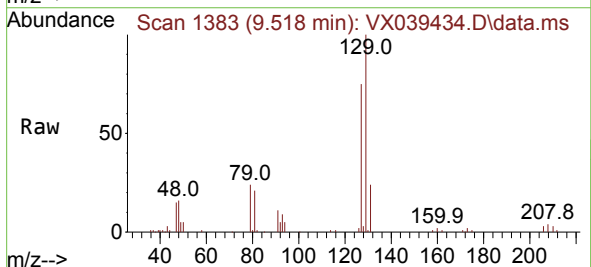
Acq: 22 Dec 2023 12:58

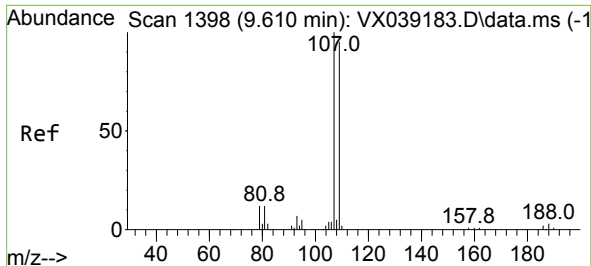
Tgt Ion:129 Resp: 31007

Ion Ratio Lower Upper

129 100

127 75.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.041 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

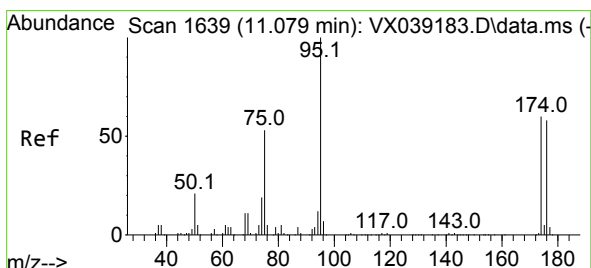
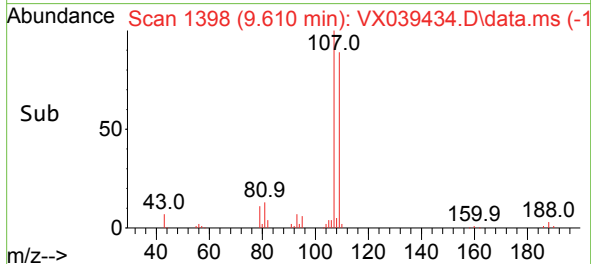
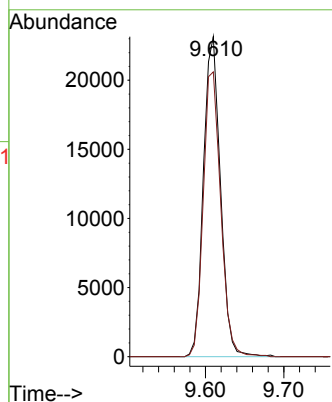
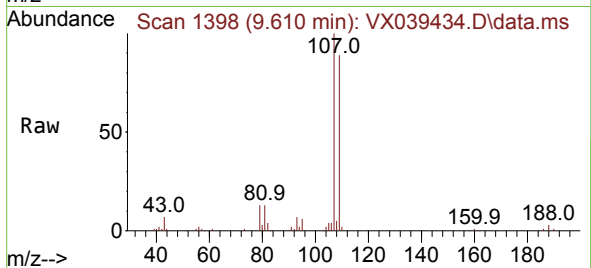
ClientSampleId :

Tgt Ion:107 Resp: 34811

Ion Ratio Lower Upper

107 100

109 91.7 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 47.665 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

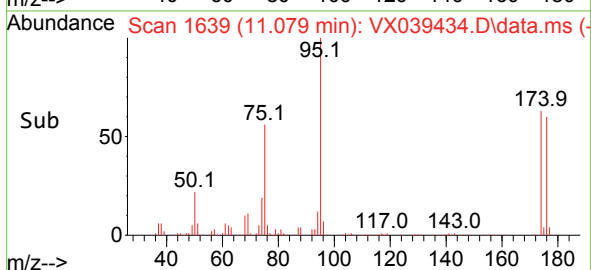
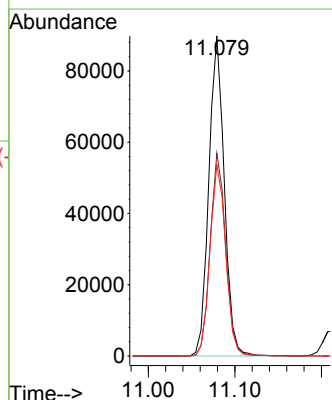
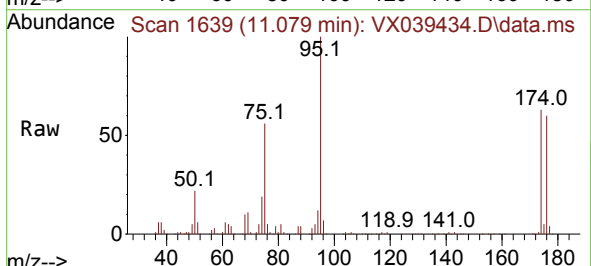
Tgt Ion: 95 Resp: 111166

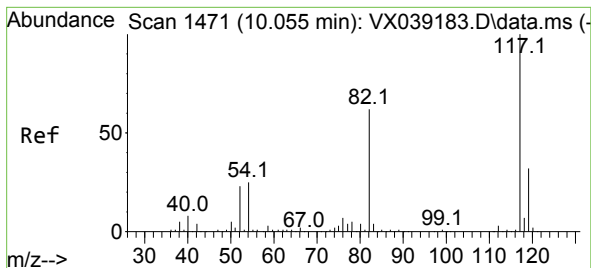
Ion Ratio Lower Upper

95 100

174 63.7 0.0 135.6

176 60.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

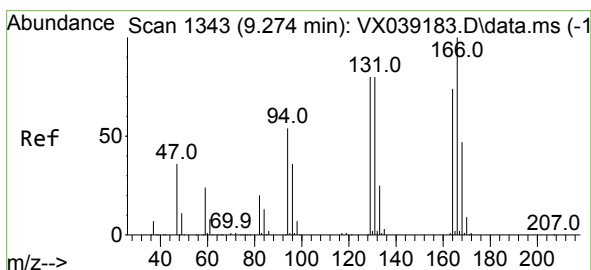
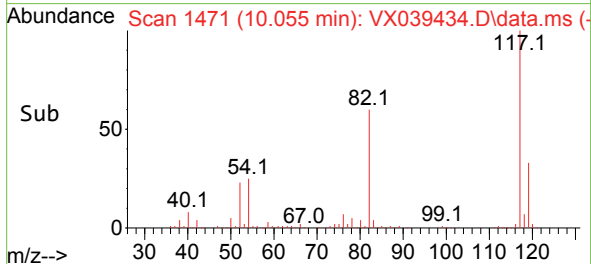
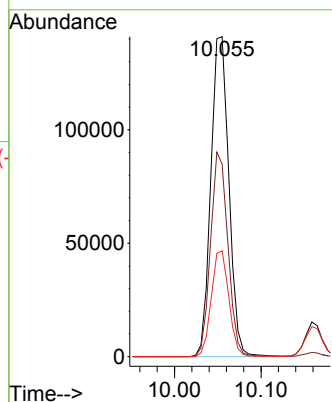
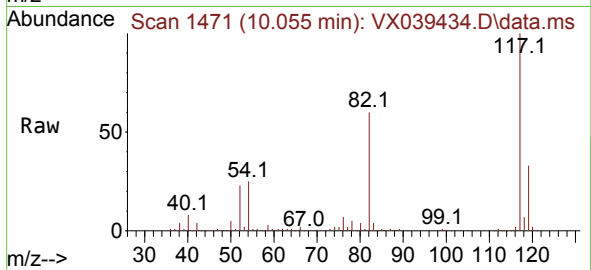
Tgt Ion:117 Resp: 203920

Ion Ratio Lower Upper

117 100

82 60.1 46.2 69.4

119 33.1 25.5 38.3



#64

Tetrachloroethene

Concen: 18.535 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Tgt Ion:164 Resp: 24699

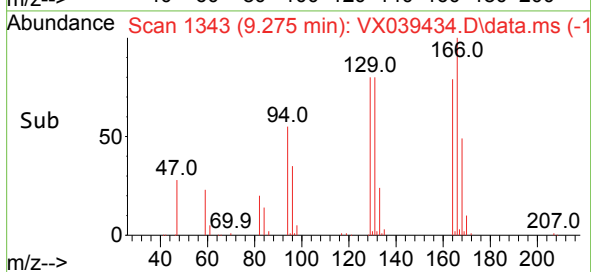
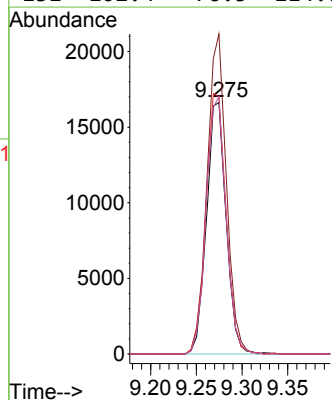
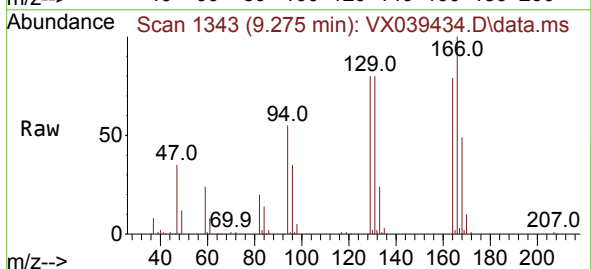
Ion Ratio Lower Upper

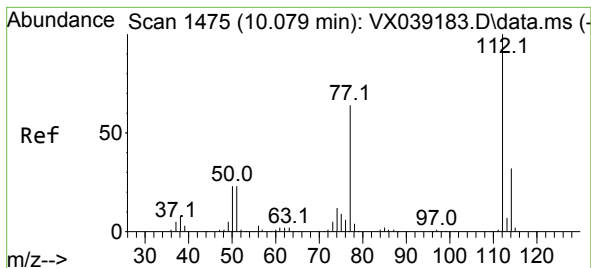
164 100

166 127.2 102.7 154.1

129 102.2 80.4 120.6

131 102.4 76.5 114.7





#65

Chlorobenzene

Concen: 18.708 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

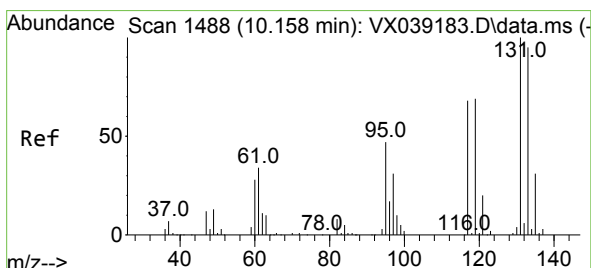
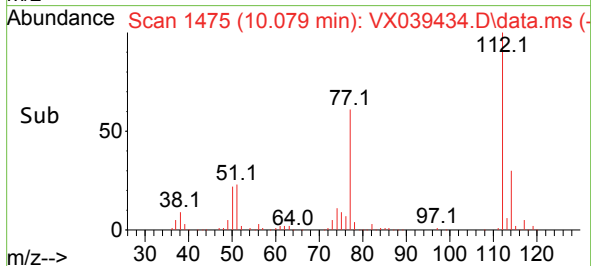
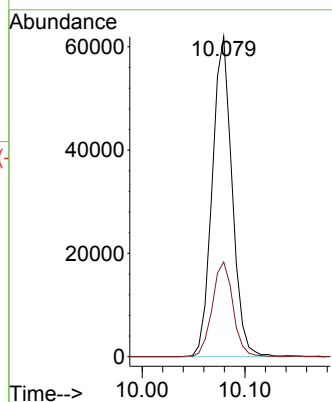
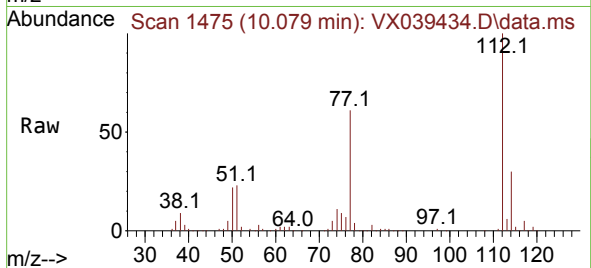
ClientSampleId :

Tgt Ion:112 Resp: 83267

Ion Ratio Lower Upper

112 100

114 29.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 17.745 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

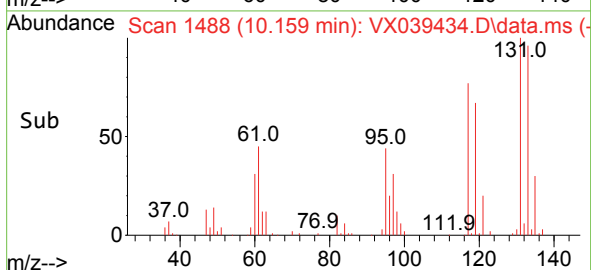
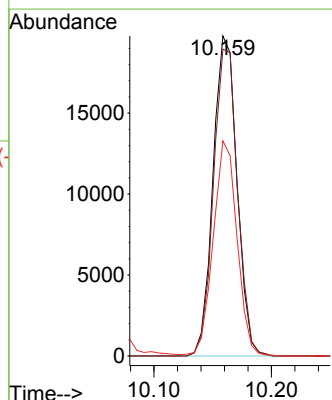
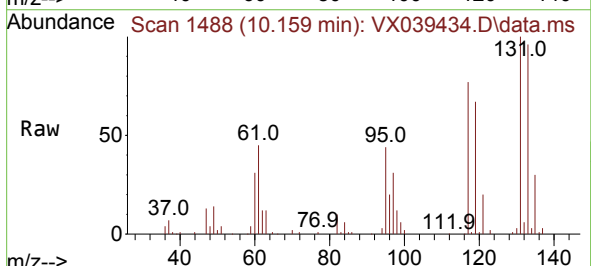
Tgt Ion:131 Resp: 27899

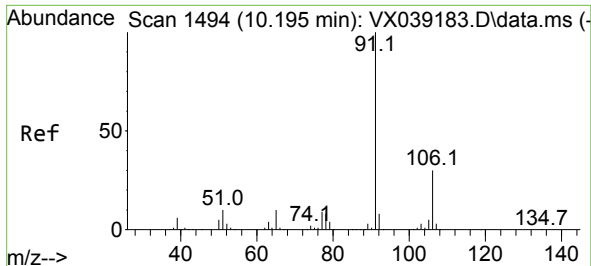
Ion Ratio Lower Upper

131 100

133 96.7 47.1 141.4

119 67.0 32.2 96.6





#67

Ethyl Benzene

Concen: 18.627 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

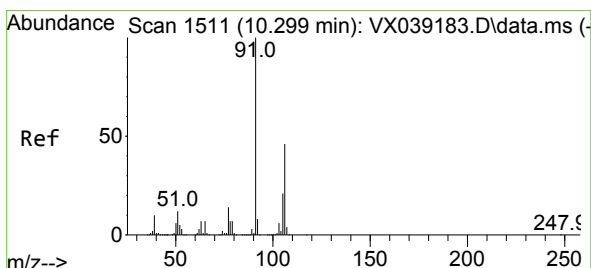
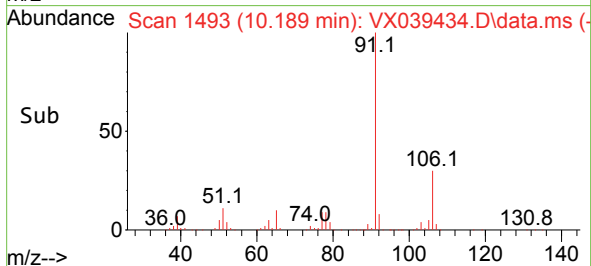
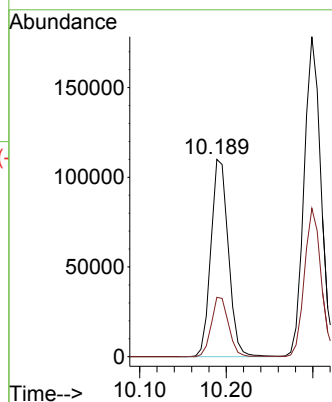
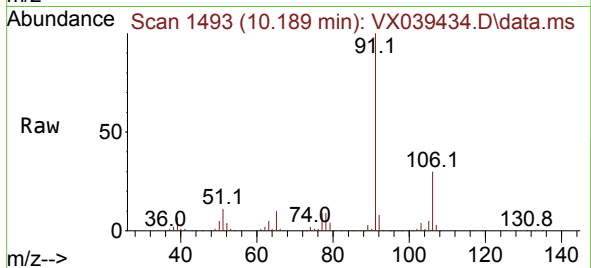
ClientSampleId :

Tgt Ion: 91 Resp: 154328

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3



#68

m/p-Xylenes

Concen: 37.745 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039434.D

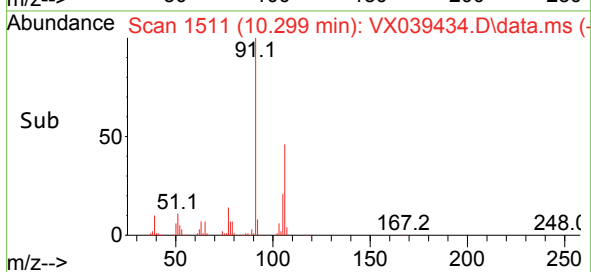
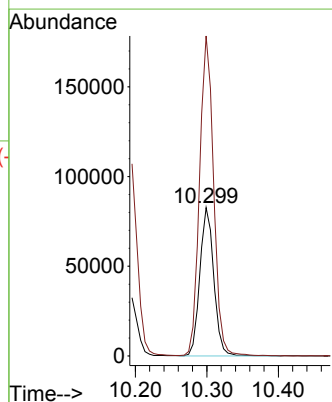
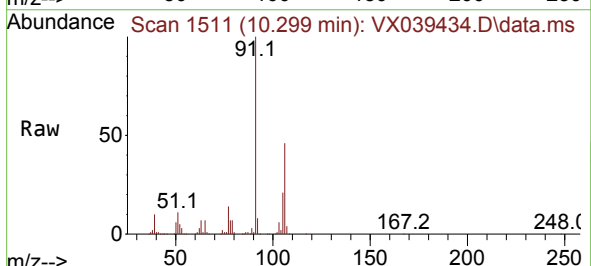
Acq: 22 Dec 2023 12:58

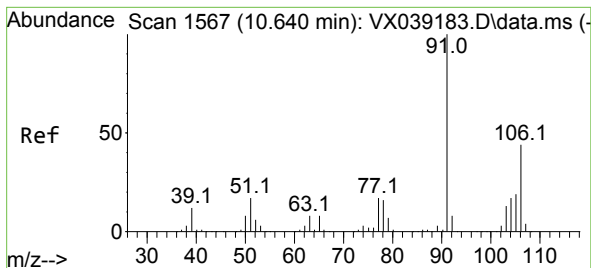
Tgt Ion: 106 Resp: 112127

Ion Ratio Lower Upper

106 100

91 217.8 165.5 248.3





#69

o-Xylene

Concen: 19.197 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

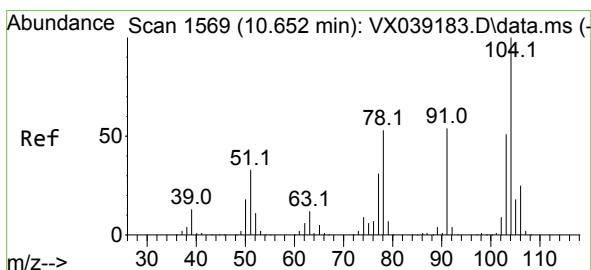
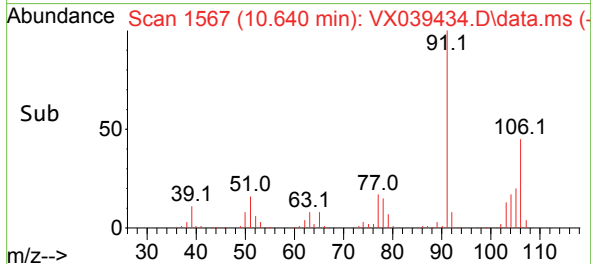
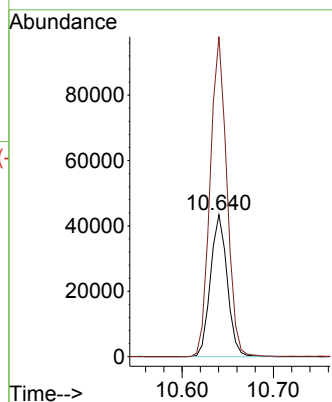
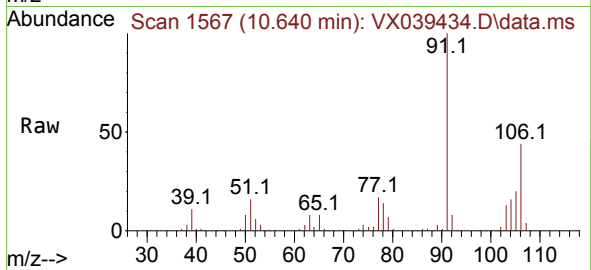
ClientSampleId :

Tgt Ion:106 Resp: 55138

Ion Ratio Lower Upper

106 100

91 224.9 108.9 326.8



#70

Styrene

Concen: 19.003 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

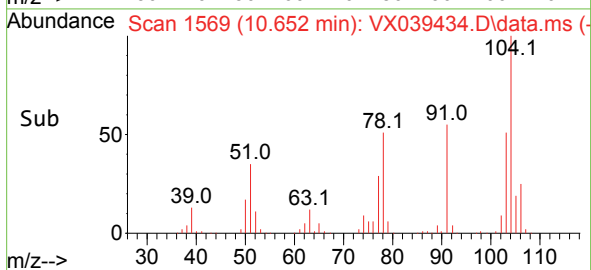
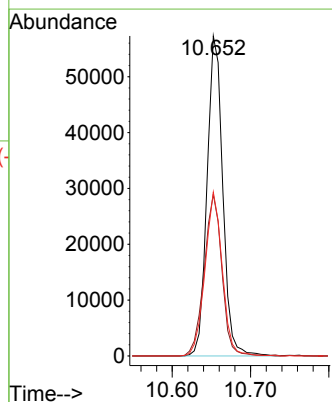
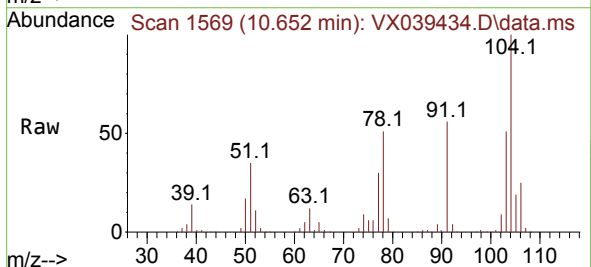
Tgt Ion:104 Resp: 79792

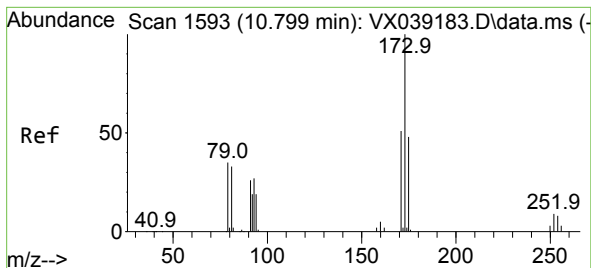
Ion Ratio Lower Upper

104 100

78 56.8 43.6 65.4

103 56.3 43.6 65.4





#71

Bromoform

Concen: 16.492 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

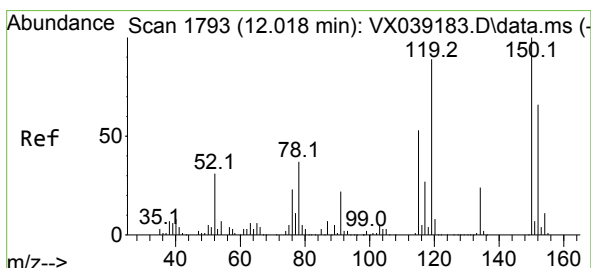
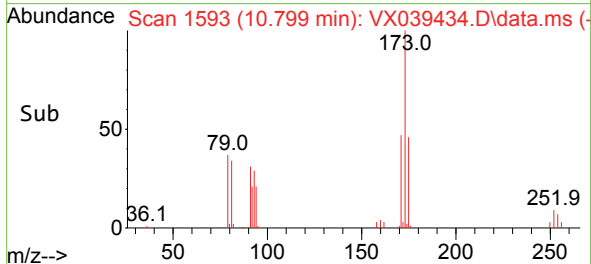
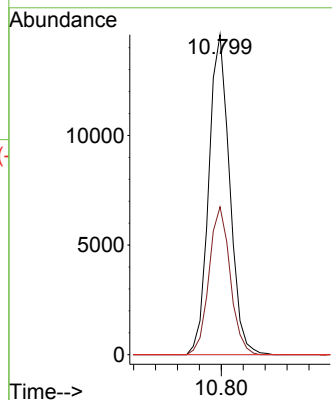
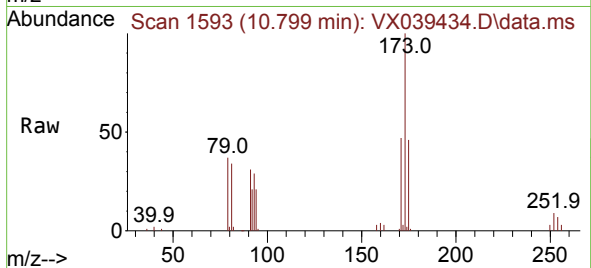
Tgt Ion:173 Resp: 19273

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

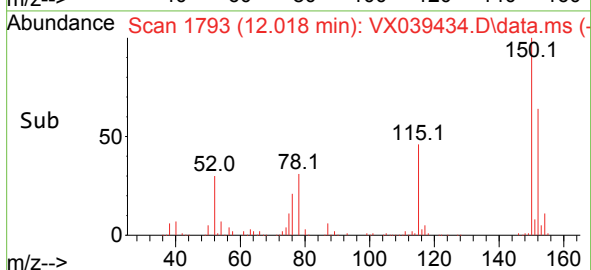
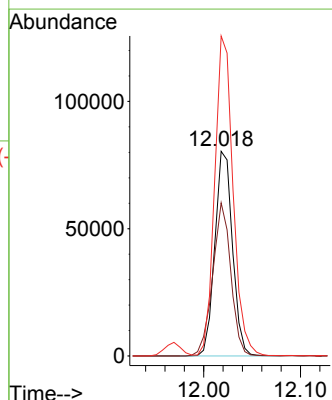
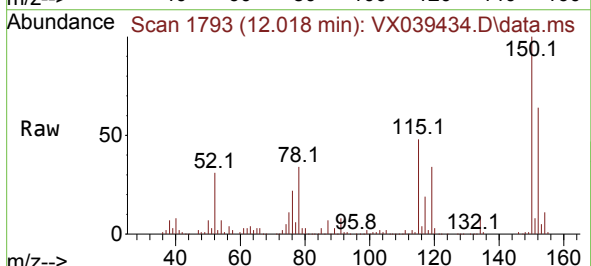
Tgt Ion:152 Resp: 102000

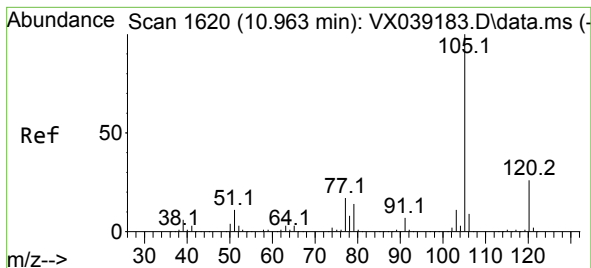
Ion Ratio Lower Upper

152 100

115 76.9 43.3 129.9

150 162.0 0.0 345.0





#73

Isopropylbenzene

Concen: 18.635 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

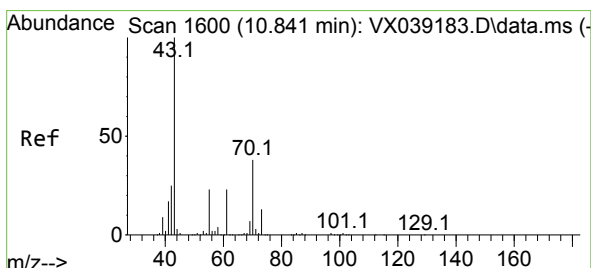
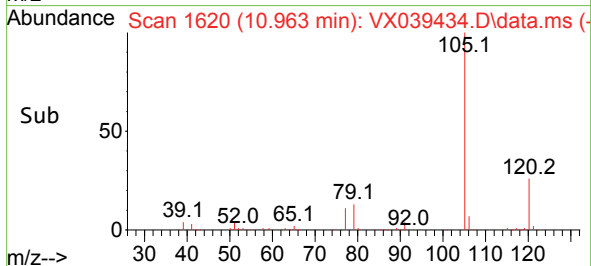
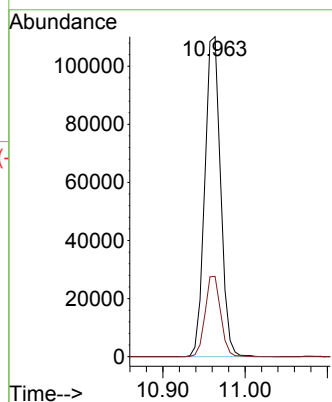
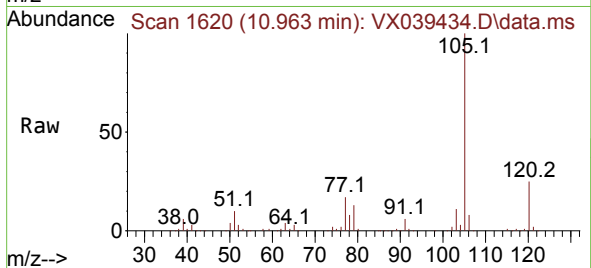
ClientSampleId :

Tgt Ion:105 Resp: 146652

Ion Ratio Lower Upper

105 100

120 24.8 12.9 38.6



#74

N-ethyl acetate

Concen: 17.787 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Tgt Ion: 43 Resp: 70822

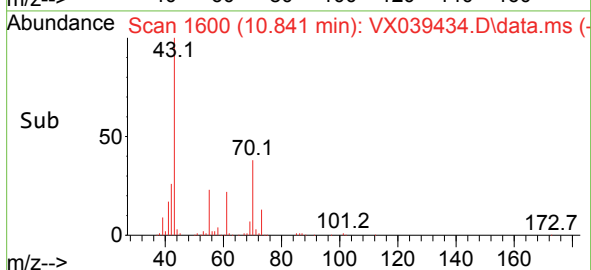
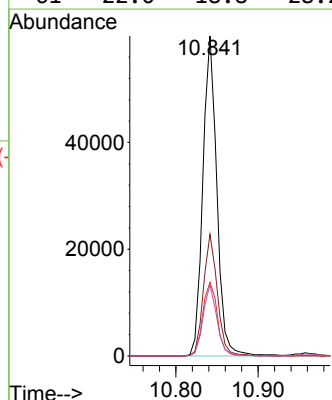
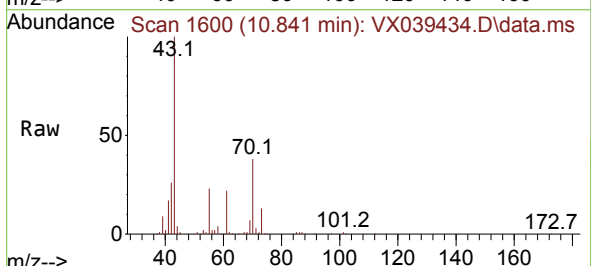
Ion Ratio Lower Upper

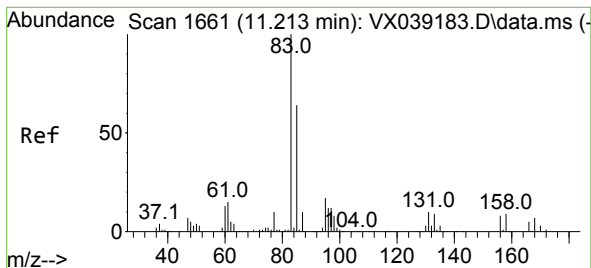
43 100

70 37.8 32.9 49.3

55 24.2 19.3 28.9

61 22.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.895 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

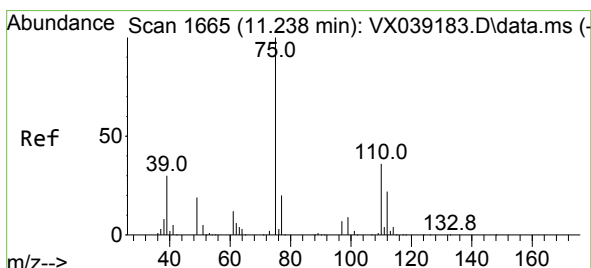
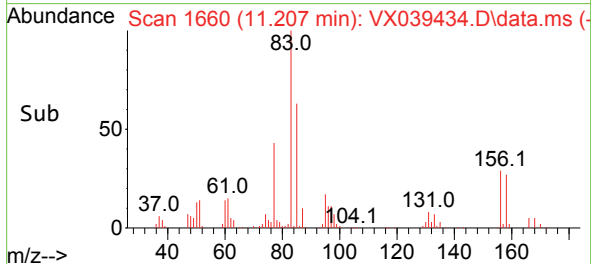
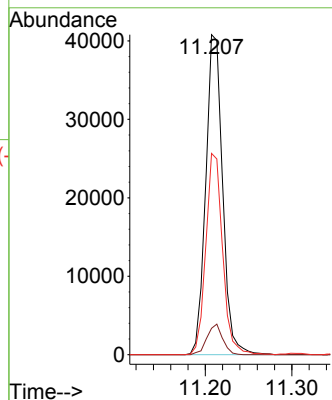
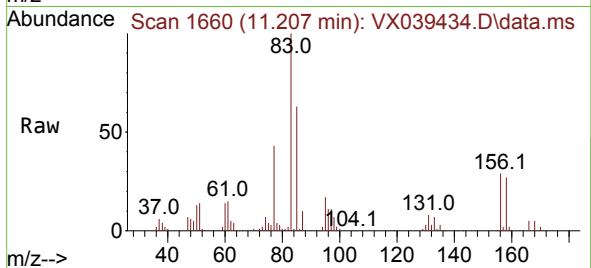
Tgt Ion: 83 Resp: 55318

Ion Ratio Lower Upper

83 100

131 8.8 5.3 15.8

85 62.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 22.421 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039434.D

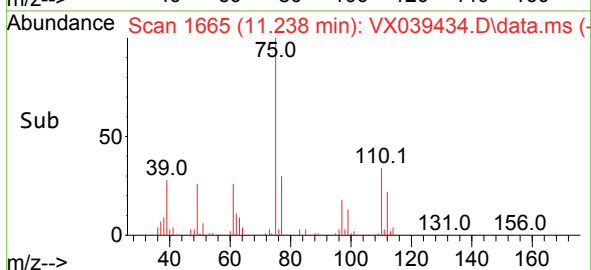
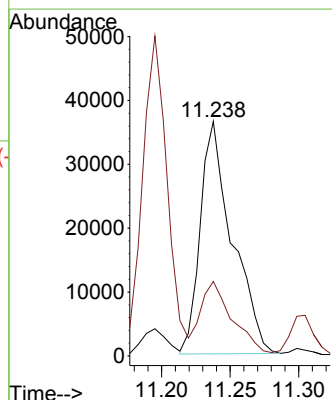
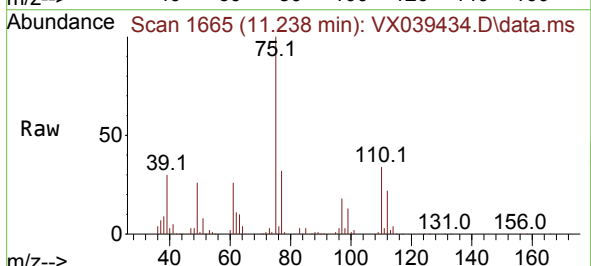
Acq: 22 Dec 2023 12:58

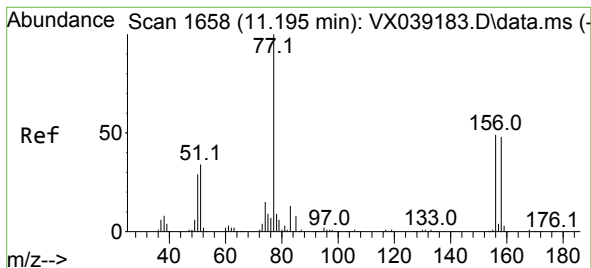
Tgt Ion: 75 Resp: 59166

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 18.554 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

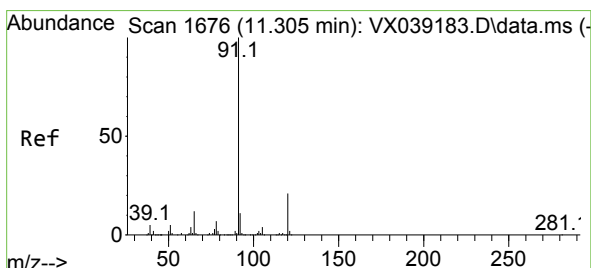
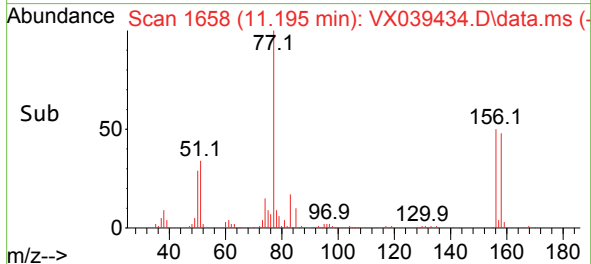
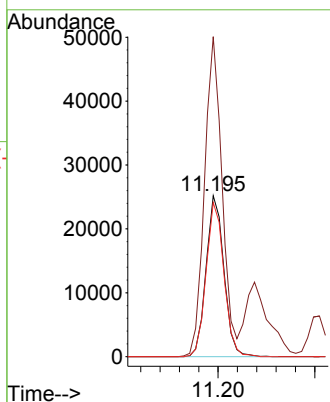
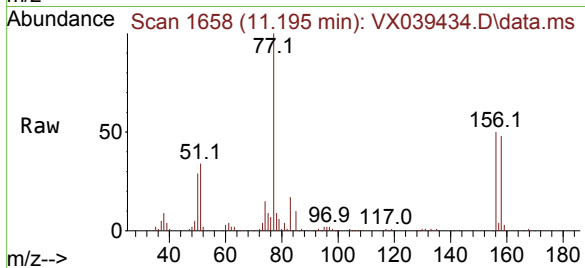
Tgt Ion:156 Resp: 32289

Ion Ratio Lower Upper

156 100

77 196.1 88.4 265.3

158 96.1 48.0 144.0



#78

n-propylbenzene

Concen: 18.789 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039434.D

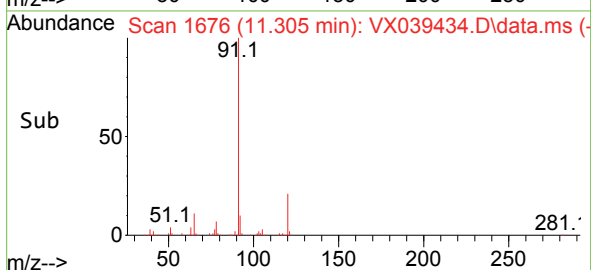
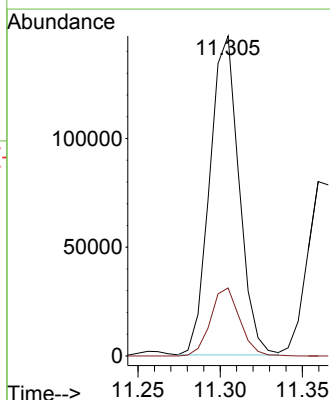
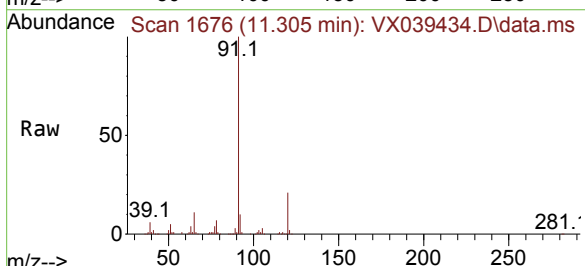
Acq: 22 Dec 2023 12:58

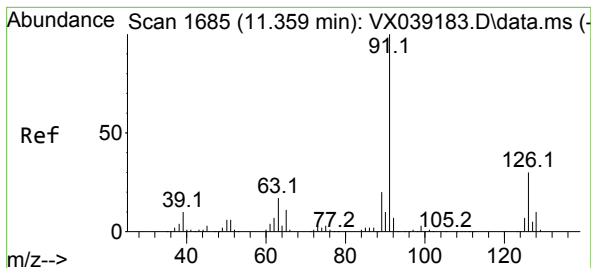
Tgt Ion: 91 Resp: 182180

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.062 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

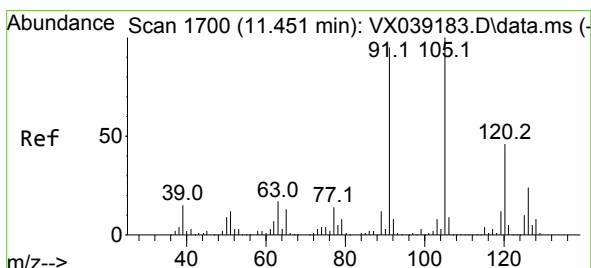
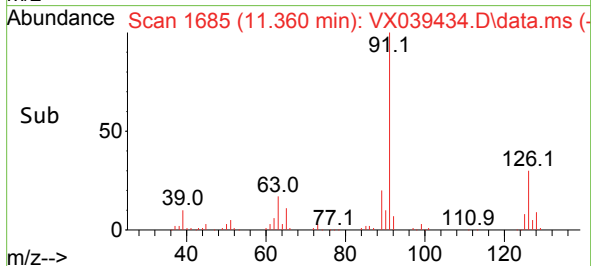
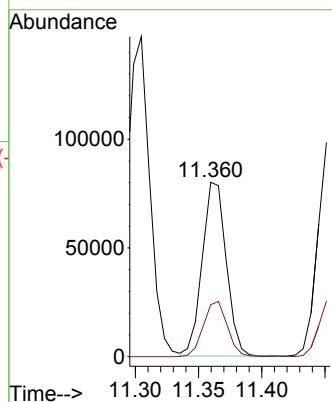
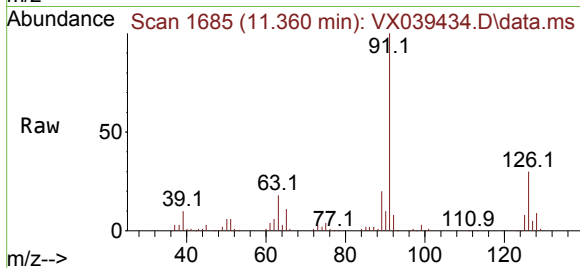
ClientSampleId :

Tgt Ion: 91 Resp: 105933

Ion Ratio Lower Upper

91 100

126 31.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.878 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039434.D

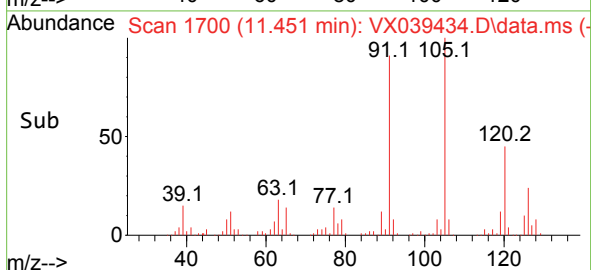
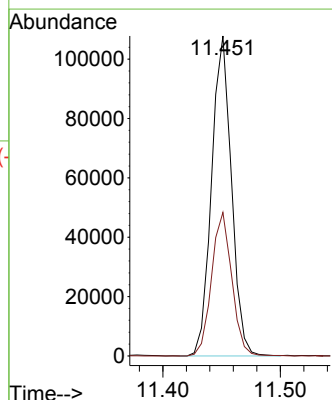
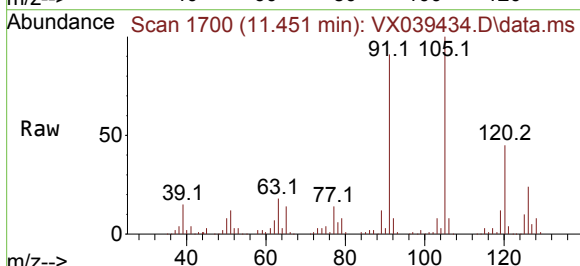
Acq: 22 Dec 2023 12:58

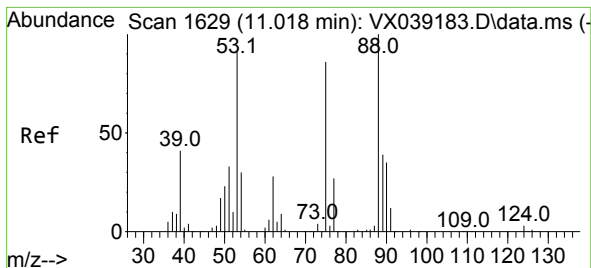
Tgt Ion:105 Resp: 126562

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.3

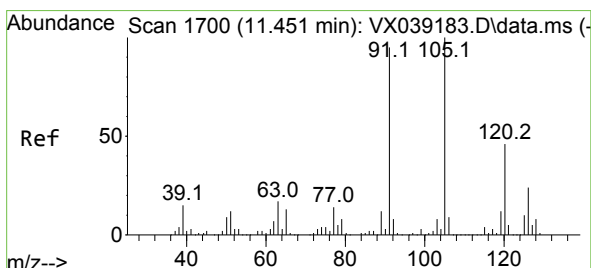
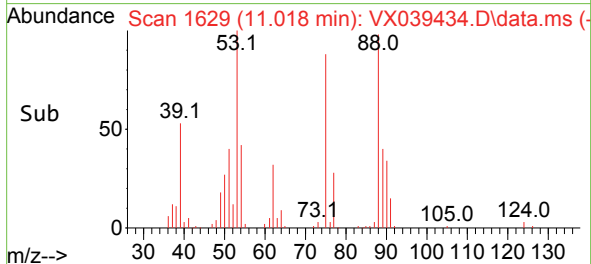
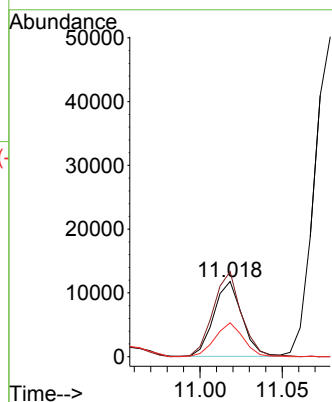
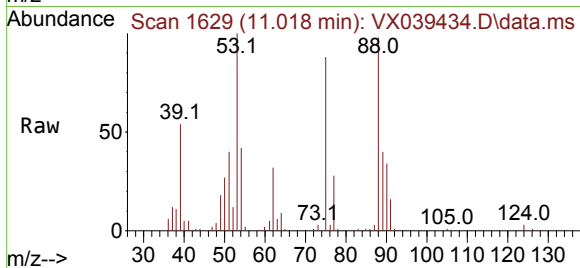




#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.993 ug/l
 RT: 11.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

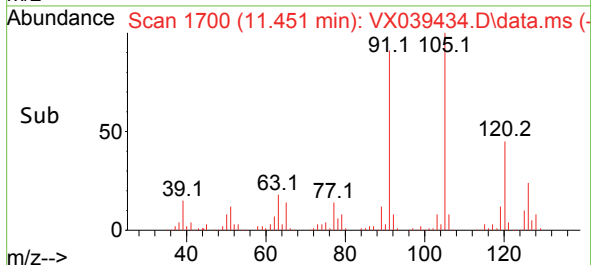
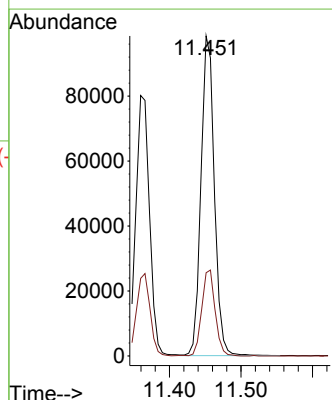
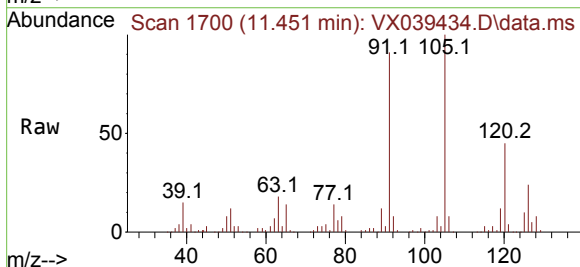
Instrument :
 MSVOA_X
 ClientSampleId :

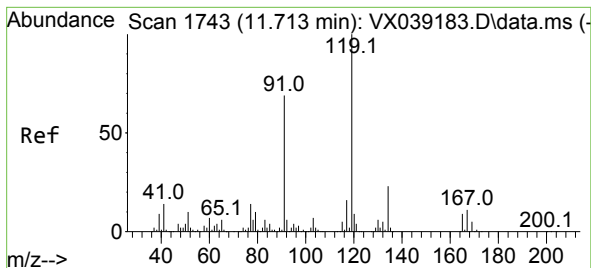
Tgt Ion: 75 Resp: 14025
 Ion Ratio Lower Upper
 75 100
 53 114.4 90.5 135.7
 89 45.3 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 18.531 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

Tgt Ion: 91 Resp: 127656
 Ion Ratio Lower Upper
 91 100
 126 27.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.072 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

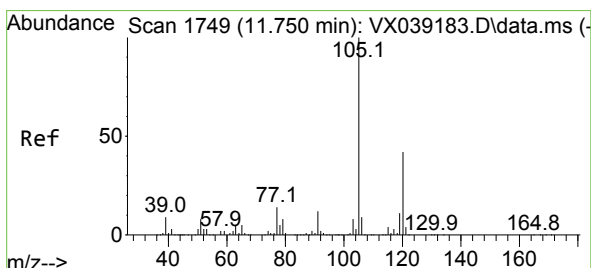
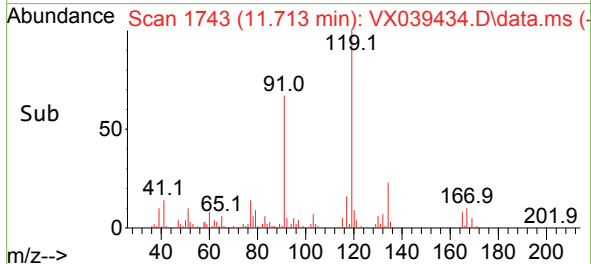
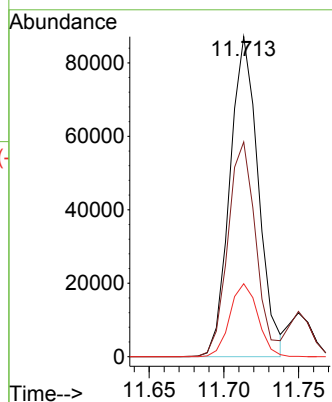
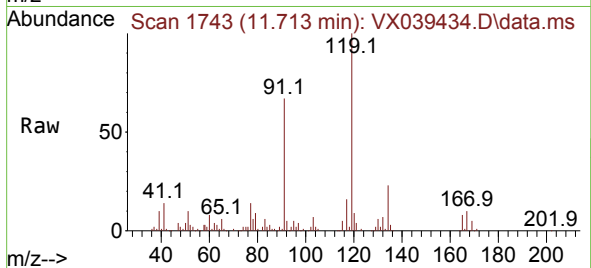
Tgt Ion:119 Resp: 115306

Ion Ratio Lower Upper

119 100

91 66.2 31.2 93.6

134 22.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 18.591 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039434.D

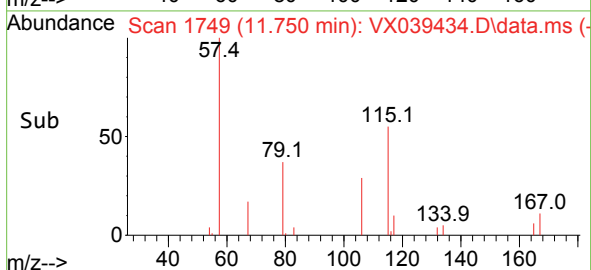
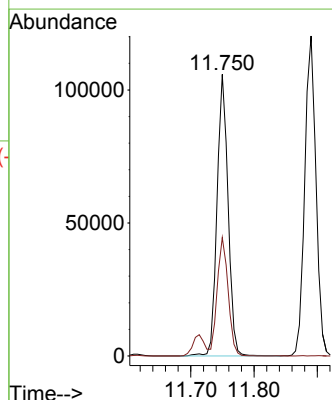
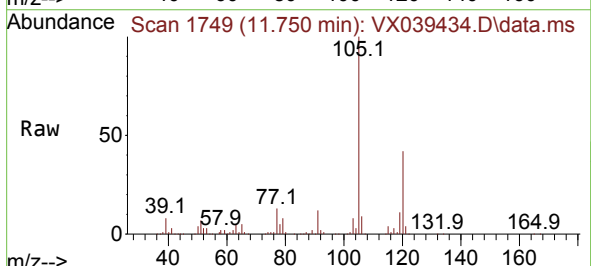
Acq: 22 Dec 2023 12:58

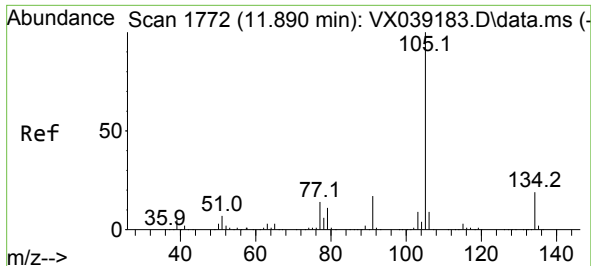
Tgt Ion:105 Resp: 127815

Ion Ratio Lower Upper

105 100

120 41.4 21.2 63.6

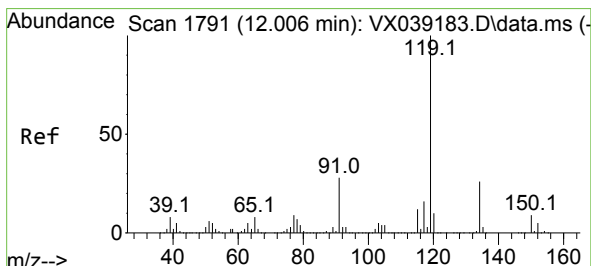
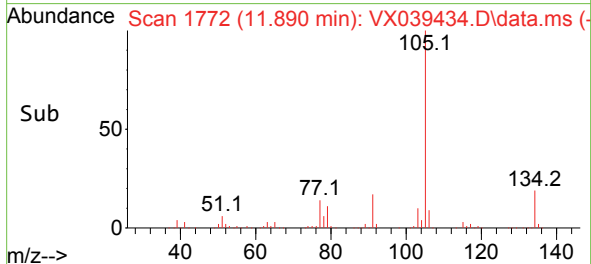
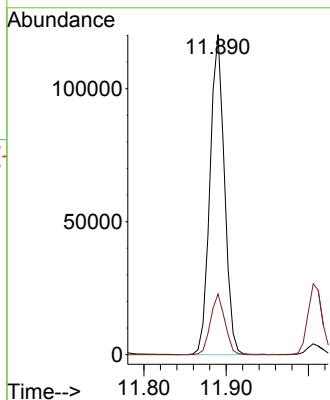
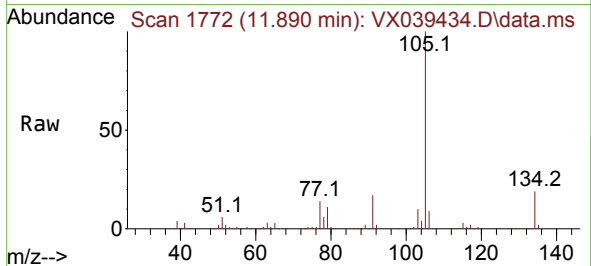




#85
 sec-Butylbenzene
 Concen: 18.146 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

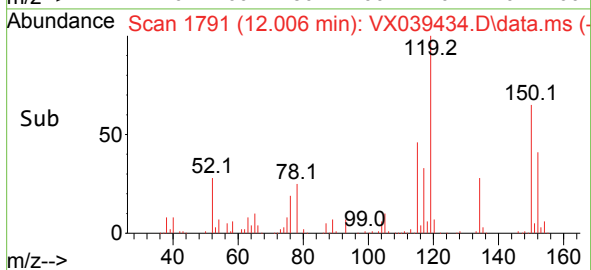
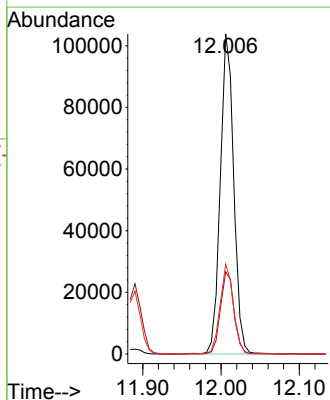
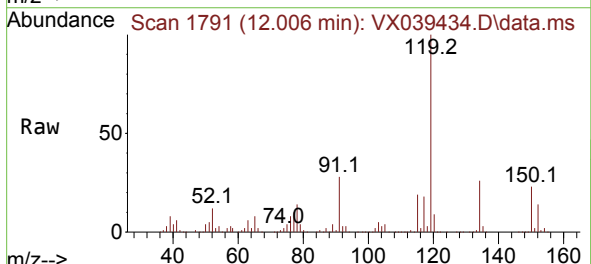
Instrument :
 MSVOA_X
 ClientSampleId :

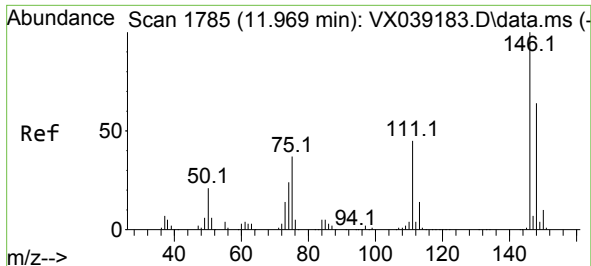
Tgt Ion:105 Resp: 147324
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 18.209 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039434.D
 Acq: 22 Dec 2023 12:58

Tgt Ion:119 Resp: 124069
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 27.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 17.979 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

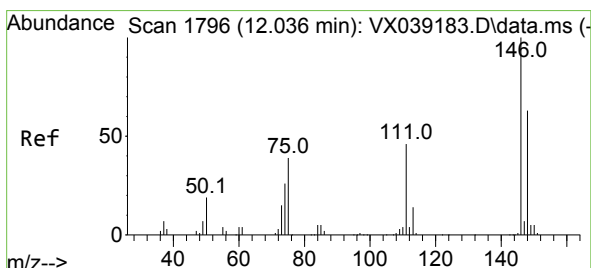
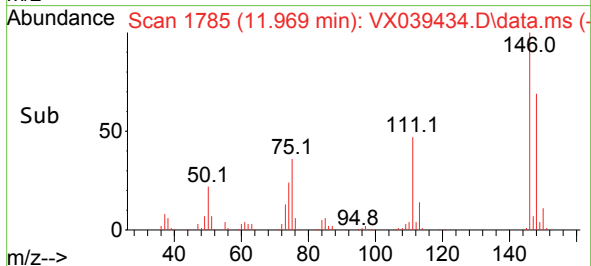
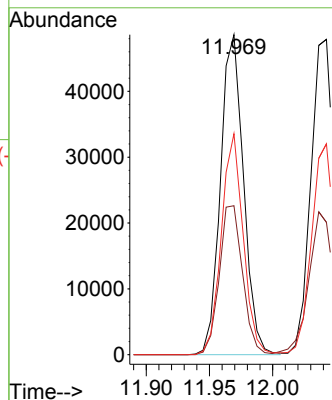
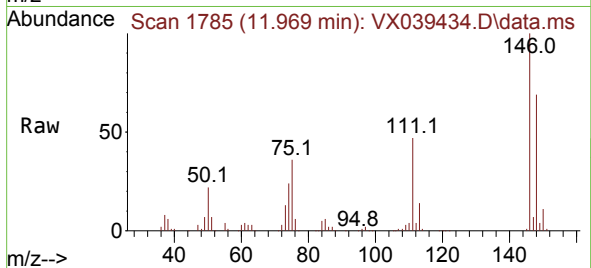
Tgt Ion:146 Resp: 61468

Ion Ratio Lower Upper

146 100

111 47.1 22.1 66.1

148 65.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 17.727 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

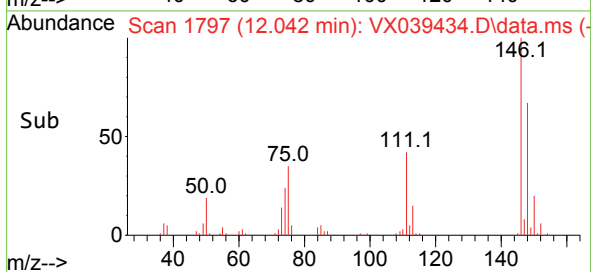
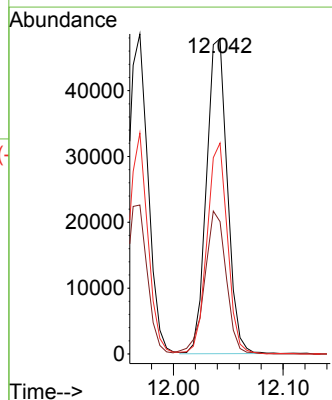
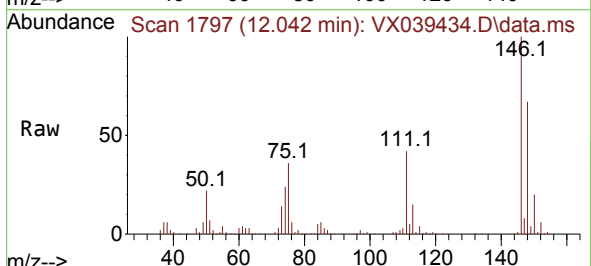
Tgt Ion:146 Resp: 63104

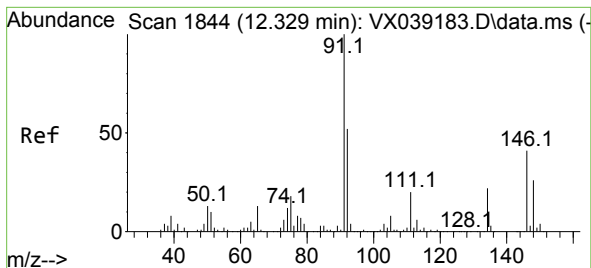
Ion Ratio Lower Upper

146 100

111 46.9 21.3 63.7

148 65.8 31.8 95.4





#89

n-Butylbenzene

Concen: 18.363 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

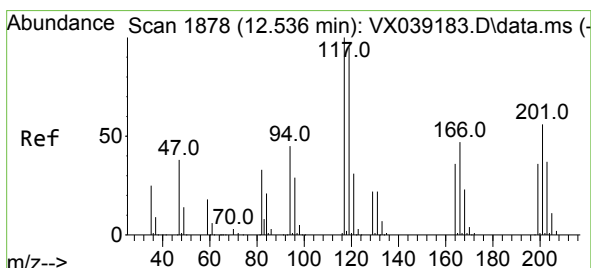
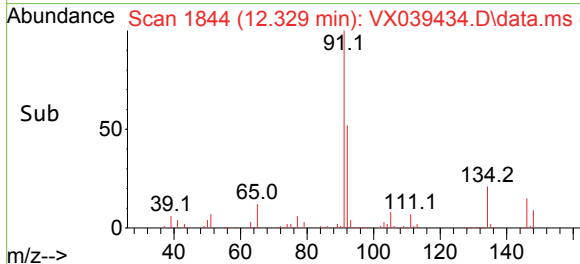
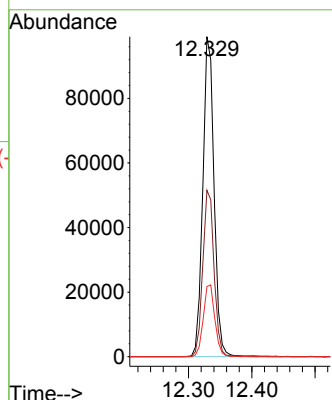
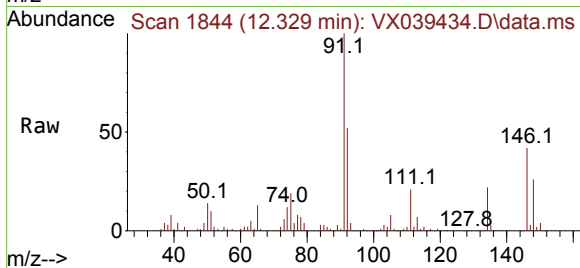
Tgt Ion: 91 Resp: 122998

Ion Ratio Lower Upper

91 100

92 52.1 27.4 82.0

134 23.1 12.6 37.8



#90

Hexachloroethane

Concen: 16.265 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039434.D

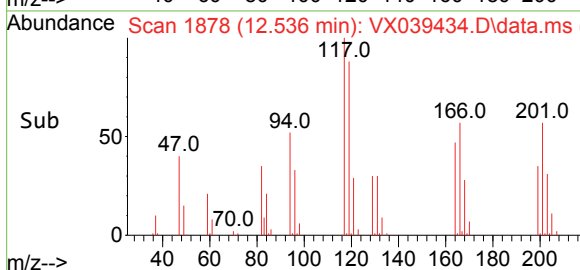
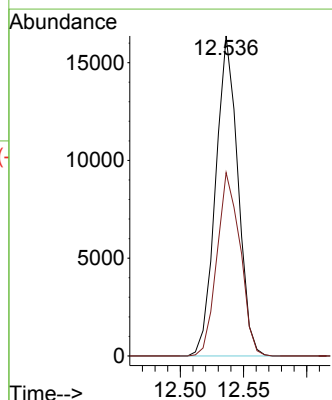
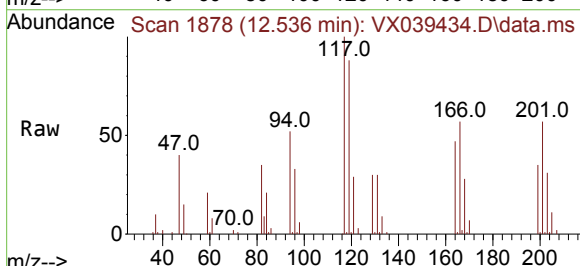
Acq: 22 Dec 2023 12:58

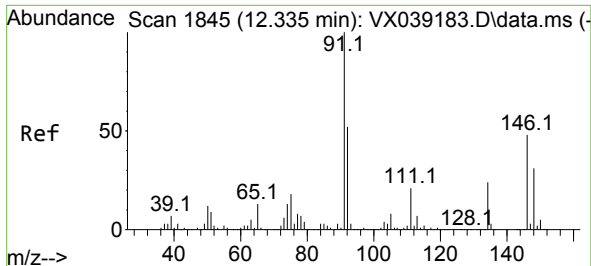
Tgt Ion: 117 Resp: 20019

Ion Ratio Lower Upper

117 100

201 59.6 32.9 98.6

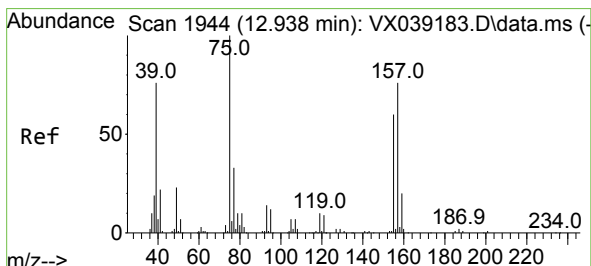
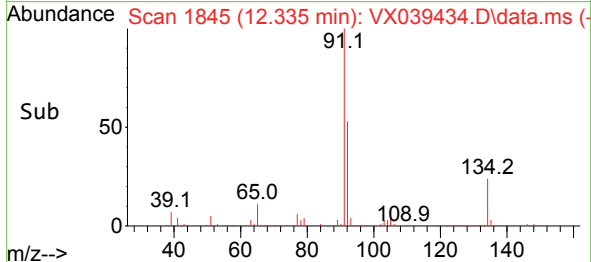
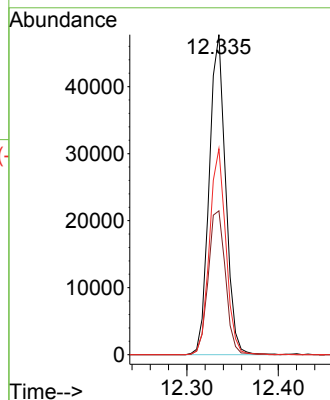
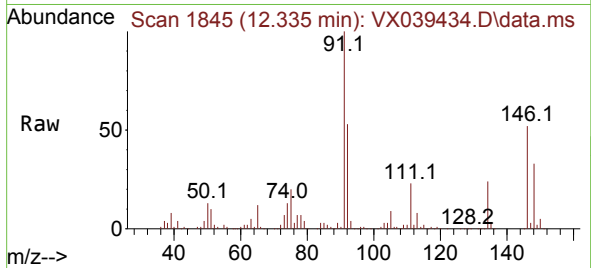




#91
1,2-Dichlorobenzene
Concen: 18.173 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

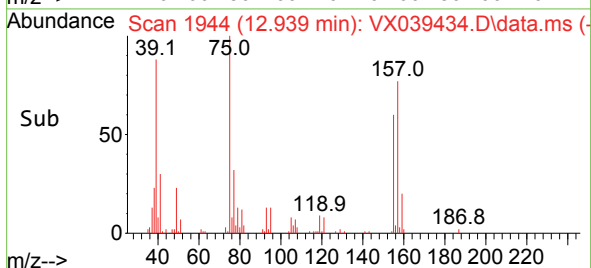
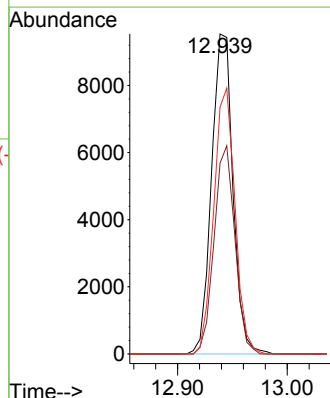
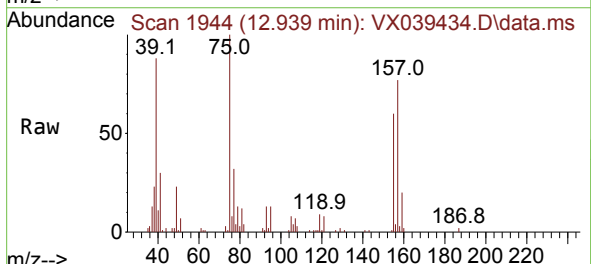
Instrument :
MSVOA_X
ClientSampleId :

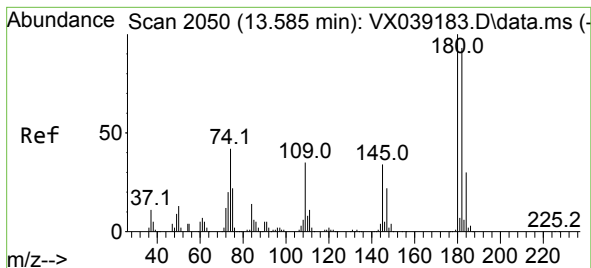
Tgt Ion:146 Resp: 59448
Ion Ratio Lower Upper
146 100
111 47.2 22.4 67.0
148 64.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.781 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039434.D
Acq: 22 Dec 2023 12:58

Tgt Ion: 75 Resp: 12940
Ion Ratio Lower Upper
75 100
155 63.1 36.1 108.5
157 82.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 17.712 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

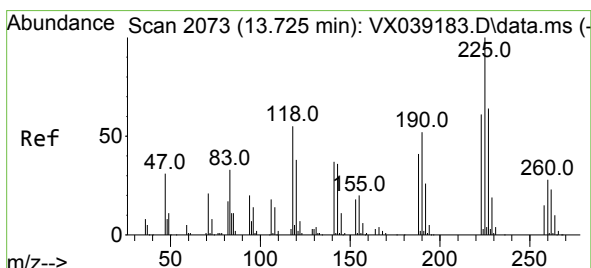
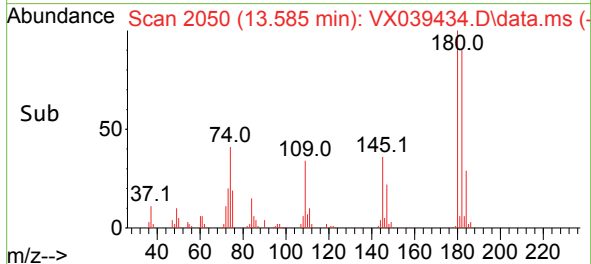
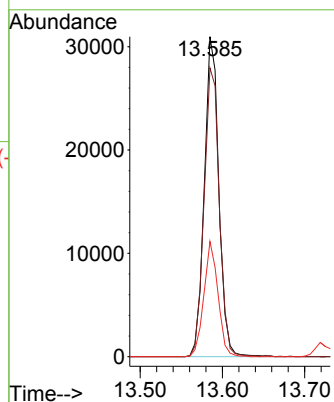
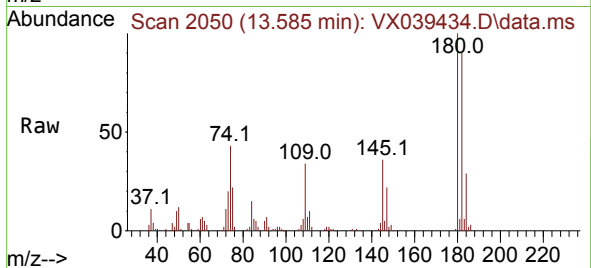
Tgt Ion:180 Resp: 37939

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.8

145 35.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 16.279 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

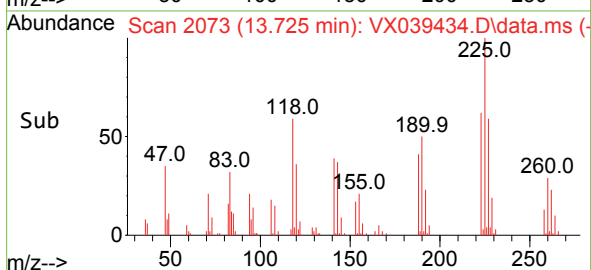
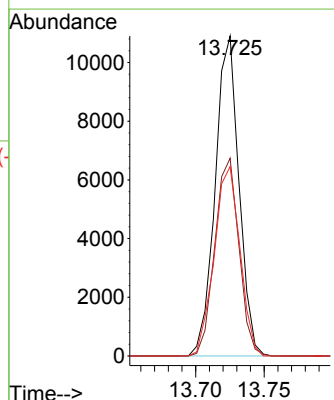
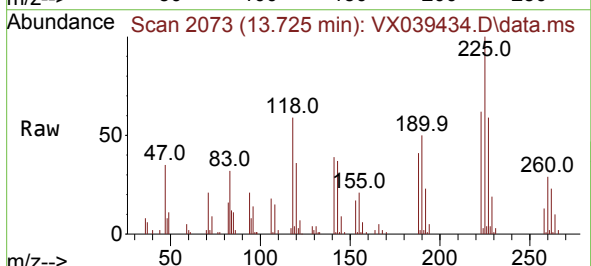
Tgt Ion:225 Resp: 13141

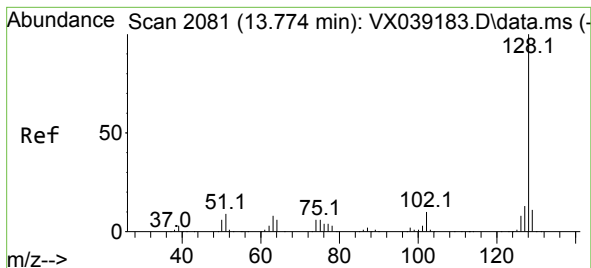
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 63.7 32.5 97.5





#95

Naphthalene

Concen: 17.673 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

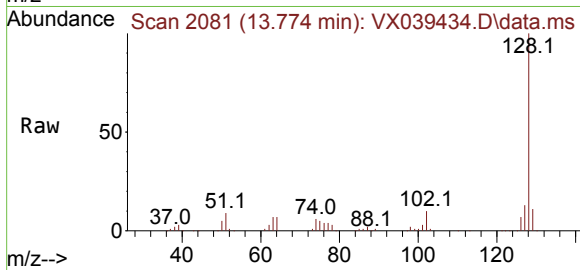
Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :



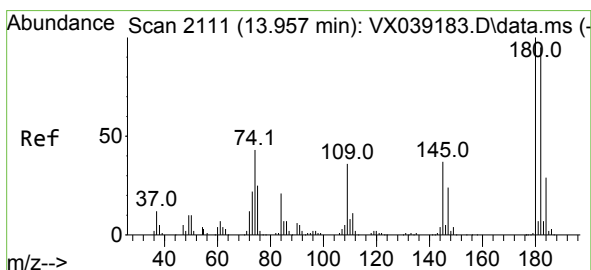
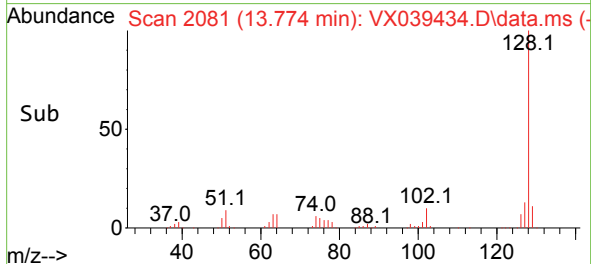
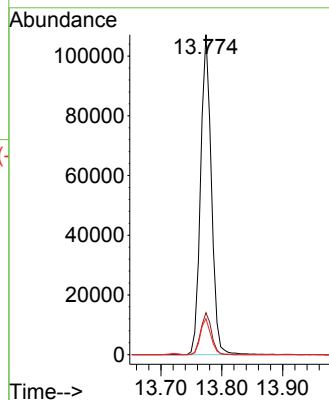
Tgt Ion:128 Resp: 131836

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.608 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039434.D

Acq: 22 Dec 2023 12:58

Tgt Ion:180 Resp: 36411

Ion Ratio Lower Upper

180 100

182 92.5 46.9 140.6

145 38.3 17.8 53.5

