

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039104.D
 Acq On : 08 Dec 2023 14:44
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Quant Time: Dec 08 23:48:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	10102	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	73896	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	88964	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	43404	31.406	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.700%			
60) 4-Bromofluorobenzene	11.079	95	58892	30.308	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.033%			
63) Toluene-d8	8.646	98	105978	30.130	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.433%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	21862	14.459	ug/l	93
3) Chloromethane	1.294	50	31133	17.983	ug/l	98
4) Vinyl Chloride	1.373	62	27410	15.682	ug/l	97
5) Bromomethane	1.611	94	22243	20.807	ug/l	98
6) Chloroethane	1.690	64	18917	18.586	ug/l	97
7) Trichlorofluoromethane	1.892	101	37015	15.344	ug/l	98
8) Diethyl Ether	2.129	74	19594	21.160	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	23448	17.201	ug/l	98
10) 1,1-Dichloroethene	2.318	96	23549	17.138	ug/l	100
11) Methyl Iodide	2.452	142	27674	18.379	ug/l	92
12) Methyl Acetate	2.696	43	105321	24.575	ug/l	100
13) Acrolein	2.233	56	40666	108.317	ug/l	99
14) Acrylonitrile	3.056	53	123847	118.154	ug/l	97
15) Acetone	2.373	58	40483	106.252	ug/l	97
16) Carbon Disulfide	2.513	76	64700	15.547	ug/l	100
17) Allyl chloride	2.660	41	56249	20.621	ug/l	95
18) Methylene Chloride	2.788	84	35436	21.756	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	28326	18.227	ug/l	94
20) Diisopropyl ether	3.751	45	117934	22.719	ug/l	99
21) 1,1-Dichloroethane	3.605	63	59559	20.636	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	35672	19.806	ug/l	98
23) tert-Butyl Alcohol	2.940	59	59279	102.156	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	112849	22.294	ug/l	100
25) Chloroform	5.092	83	59871	20.668	ug/l	94
26) Cyclohexane	5.464	56	41319	15.817	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	37923	18.307	ug/l	96
30) 2-Butanone	4.544	43	187197	120.026	ug/l	99
31) 2,2-Dichloropropane	4.470	77	43997	18.576	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	44350	18.523	ug/l	99
33) Carbon Tetrachloride	5.678	117	34695	17.203	ug/l	92
34) Benzene	6.037	78	126502	20.963	ug/l	98
35) Methacrylonitrile	4.915	41	34601	25.046	ug/l	94
36) 1,2-Dichloroethane	6.086	62	50204	22.674	ug/l	100
37) Trichloroethene	7.122	130	29165	19.042	ug/l	100
38) Methylcyclohexane	7.378	83	42533	16.479	ug/l	95
39) 1,2-Dichloropropane	7.427	63	36680	23.048	ug/l	99
40) Dibromomethane	7.580	93	25136	22.354	ug/l	99
41) Bromodichloromethane	7.817	83	48095	22.264	ug/l	94
42) Vinyl Acetate	3.714	43	446025	120.069	ug/l	100

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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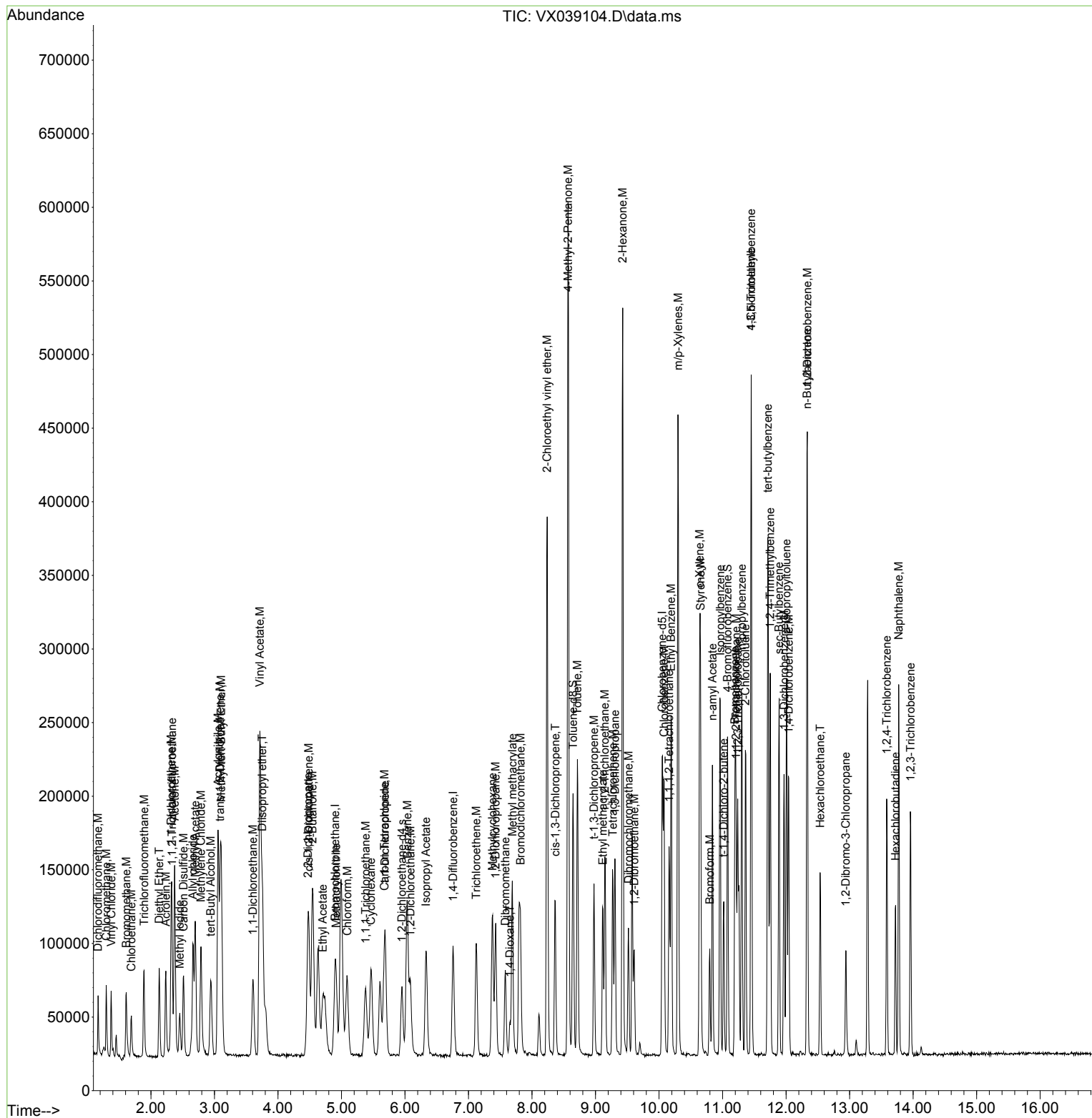
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	65501	24.411	ug/l	99
44) Isopropyl Acetate	6.330	43	101287	23.946	ug/l	98
45) 1,4-Dioxane	7.653	88	16119	373.290	ug/l	97
46) Methyl methacrylate	7.689	41	58567	24.217	ug/l	95
47) n-amyl Acetate	10.841	43	81972	22.896	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	53268	21.266	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	56371	21.816	ug/l	97
50) 1,1,2-Trichloroethane	9.146	97	36102	23.635	ug/l	94
51) Ethyl methacrylate	9.116	69	45751	23.927	ug/l	94
52) 1,3-Dichloropropane	9.305	76	62214	23.753	ug/l	98
53) Dibromochloromethane	9.518	129	35038	21.359	ug/l	97
54) 1,2-Dibromoethane	9.610	107	37803	22.568	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	148764	122.746	ug/l	99
56) Bromoform	10.799	173	23827	20.125	ug/l	96
58) 4-Methyl-2-Pentanone	8.567	43	355338	131.713	ug/l	99
59) 2-Hexanone	9.427	43	279978	126.431	ug/l	98
61) Tetrachloroethene	9.274	164	21819	18.864	ug/l	95
62) Toluene	8.714	91	131186	20.770	ug/l	100
64) Chlorobenzene	10.079	112	79811	20.773	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.158	131	29849	21.572	ug/l	99
66) Ethyl Benzene	10.189	91	139801	19.438	ug/l	98
67) m/p-Xylenes	10.299	106	102377	38.522	ug/l	100
68) o-Xylene	10.640	106	50203	19.501	ug/l	96
69) Styrene	10.652	104	75768	19.887	ug/l	100
70) Isopropylbenzene	10.963	105	131197	19.048	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	62628	24.356	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	71340	32.788	ug/l	90
73) Bromobenzene	11.195	156	30894	19.701	ug/l	94
74) n-propylbenzene	11.305	91	157508	18.664	ug/l	99
75) 2-Chlorotoluene	11.359	91	96477	19.486	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	111838	18.847	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19079	22.129	ug/l	99
78) 4-Chlorotoluene	11.451	91	110029	18.902	ug/l	100
79) tert-butylbenzene	11.713	119	107405	19.035	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	111535	18.781	ug/l	98
81) sec-Butylbenzene	11.890	105	130642	18.315	ug/l	99
82) p-Isopropyltoluene	12.006	119	110312	18.247	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	58453	19.477	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	57188	18.572	ug/l	99
85) n-Butylbenzene	12.329	91	108013	18.093	ug/l	98
86) Hexachloroethane	12.536	117	19868	17.345	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	56508	19.581	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.938	75	14566	22.150	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	35829	18.726	ug/l	98
90) Hexachlorobutadiene	13.725	225	12139	17.768	ug/l	99
91) Naphthalene	13.774	128	143420	20.325	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	35397	19.100	ug/l	99

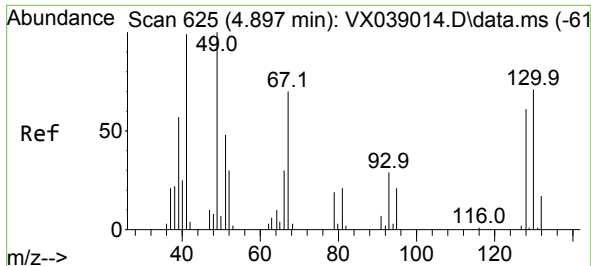
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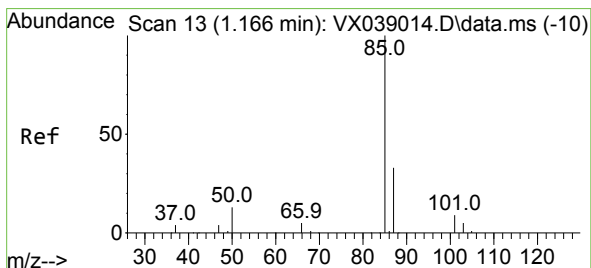
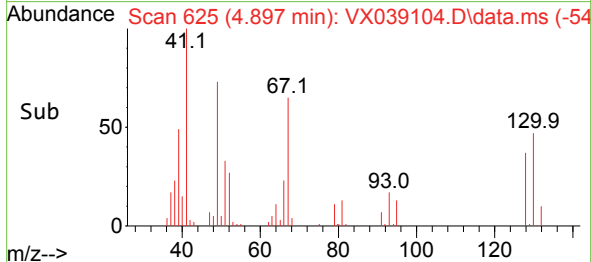
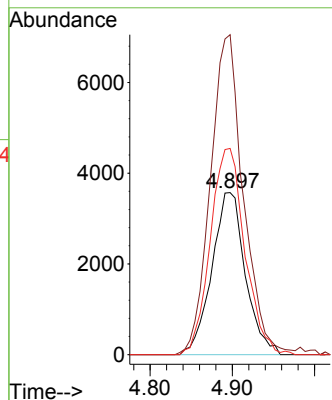
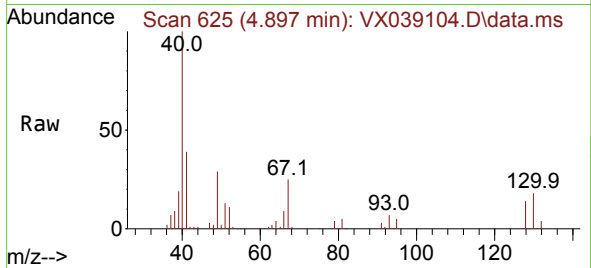




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039104.D
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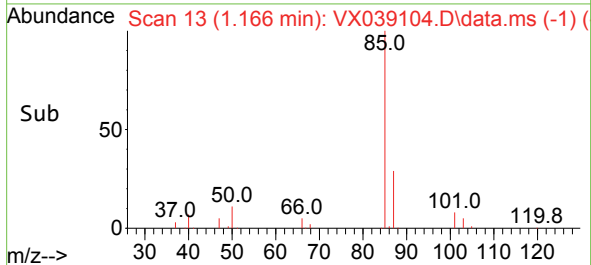
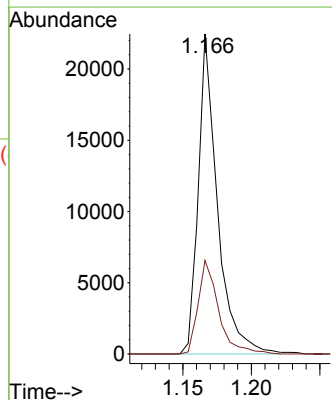
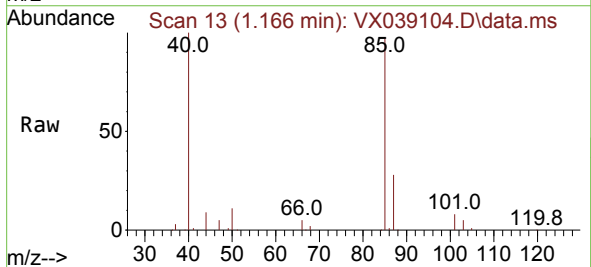
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ClientSampleId :
VSTDCCC020EC

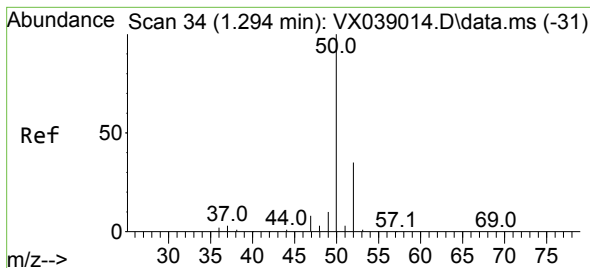
Tgt Ion:128 Resp: 10102
Ion Ratio Lower Upper
128 100
49 194.3 0.0 444.0
130 131.0 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 14.459 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 85 Resp: 21862
Ion Ratio Lower Upper
85 100
87 29.2 16.7 50.1





#3

Chloromethane

Concen: 17.983 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

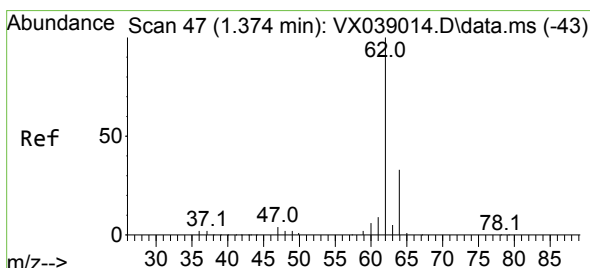
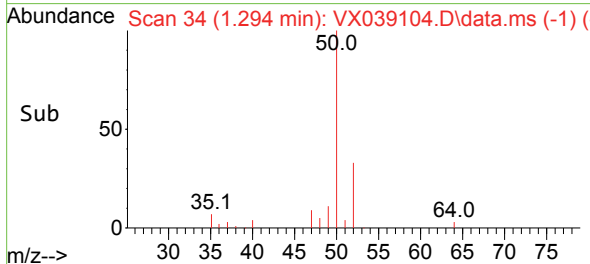
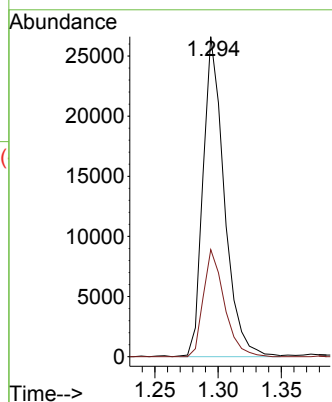
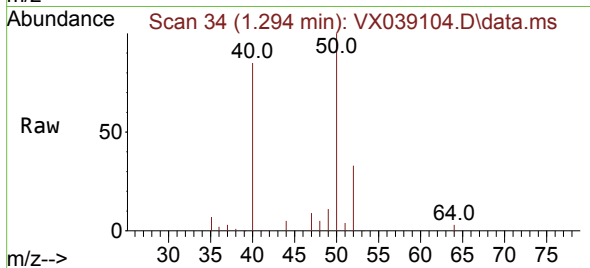
VSTDCCC020EC

Tgt Ion: 50 Resp: 31133

Ion Ratio Lower Upper

50 100

52 33.5 27.8 41.8



#4

Vinyl Chloride

Concen: 15.682 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX039104.D

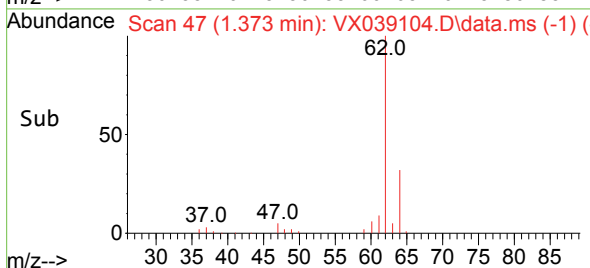
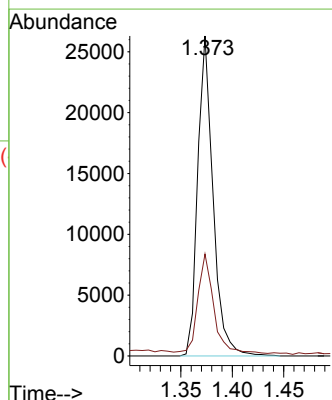
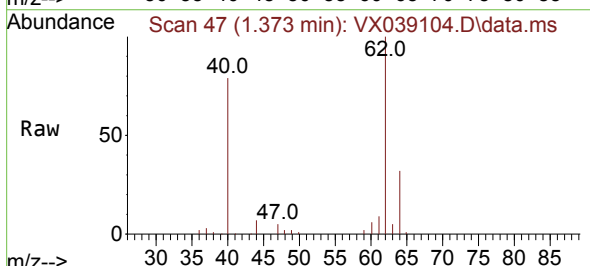
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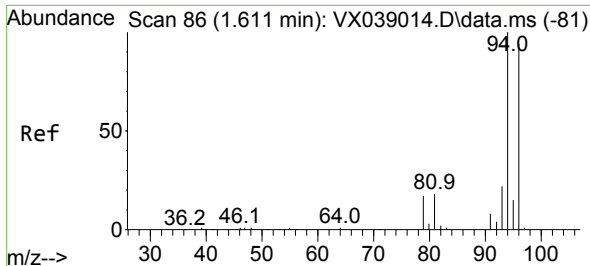
Tgt Ion: 62 Resp: 27410

Ion Ratio Lower Upper

62 100

64 31.0 26.3 39.5

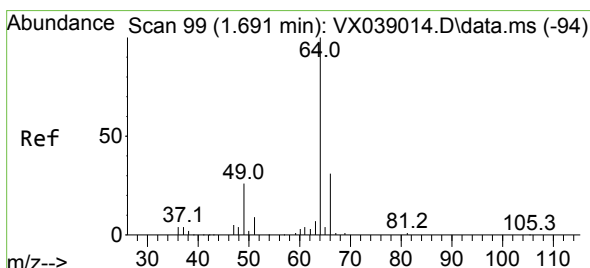
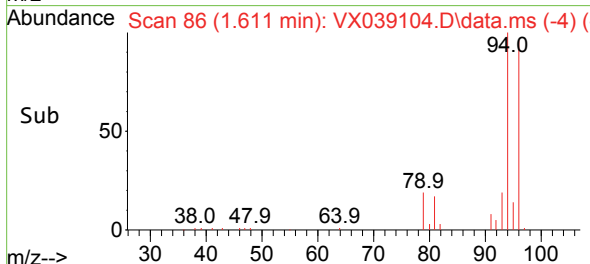
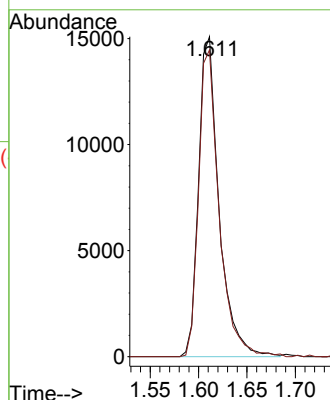
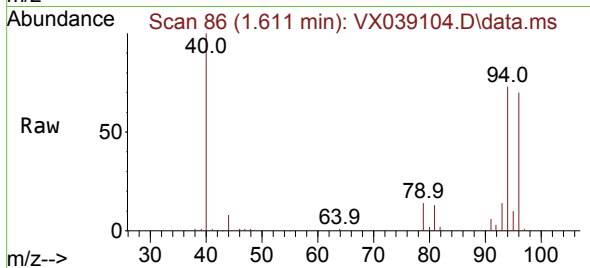




#5
Bromomethane
Concen: 20.807 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

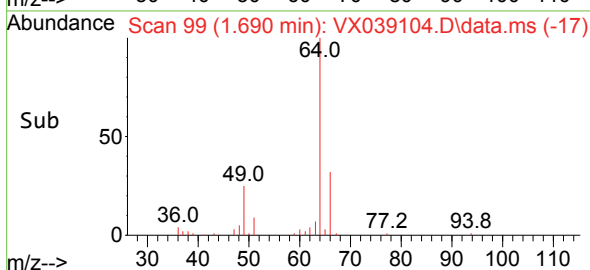
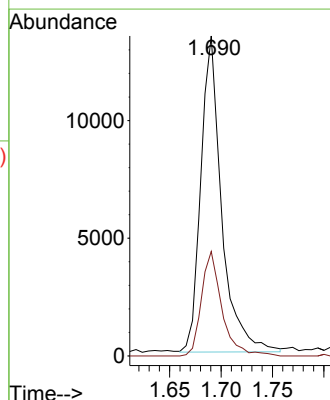
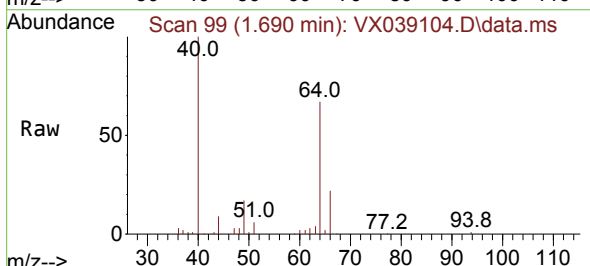
Instrument :
MSVOA_X
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VSTDCCC020EC

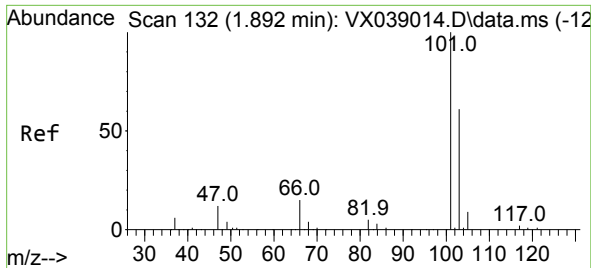
Tgt Ion: 94 Resp: 22243
Ion Ratio Lower Upper
94 100
96 95.9 74.9 112.3



#6
Chloroethane
Concen: 18.586 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 64 Resp: 18917
Ion Ratio Lower Upper
64 100
66 33.1 25.0 37.6

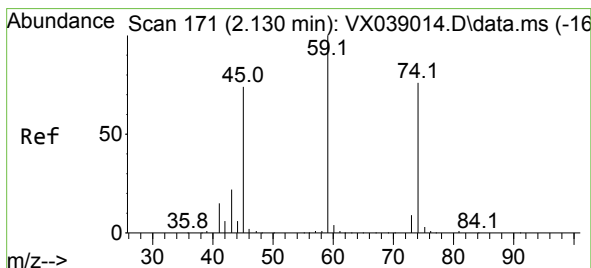
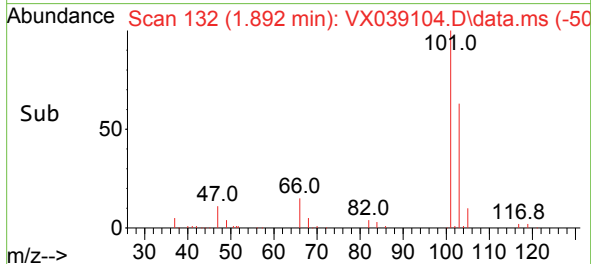
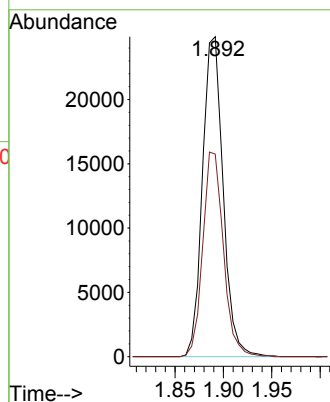
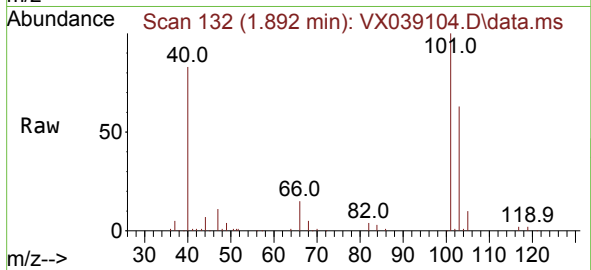




#7
 Trichlorofluoromethane
 Concen: 15.344 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039104.D
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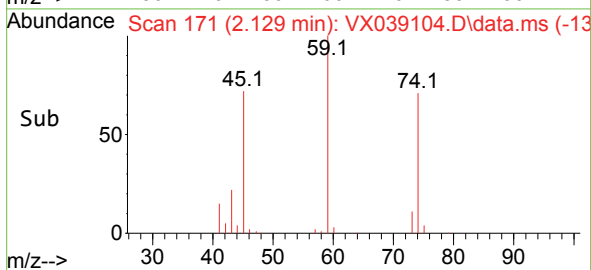
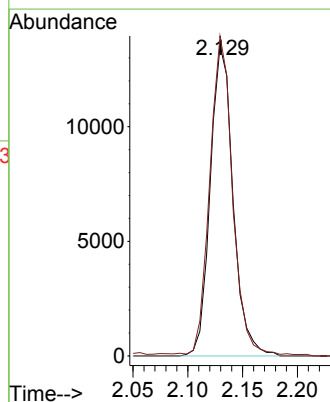
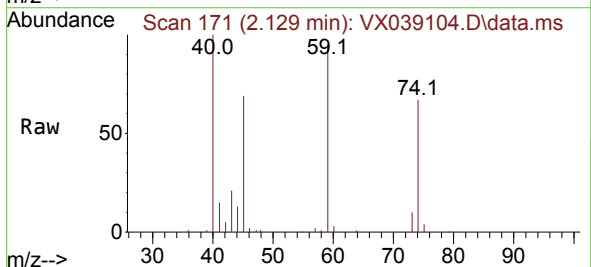
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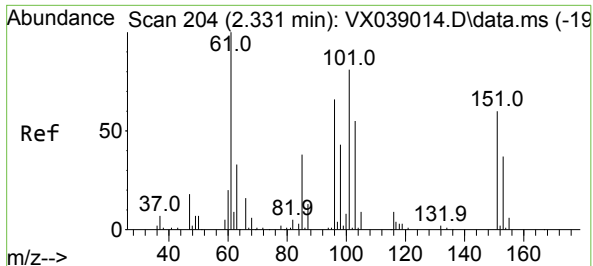
Tgt Ion:101 Resp: 37015
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.1 73.7



#8
 Diethyl Ether
 Concen: 21.160 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039104.D
 Acq: 08 Dec 2023 14:44

Tgt Ion: 74 Resp: 19594
 Ion Ratio Lower Upper
 74 100
 45 103.1 20.5 184.5

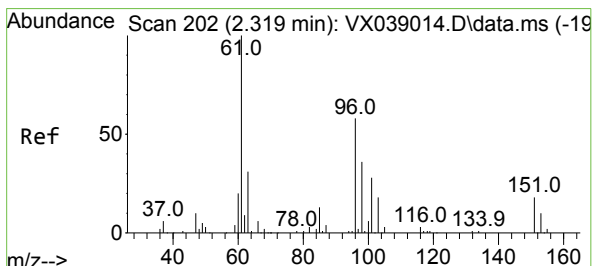
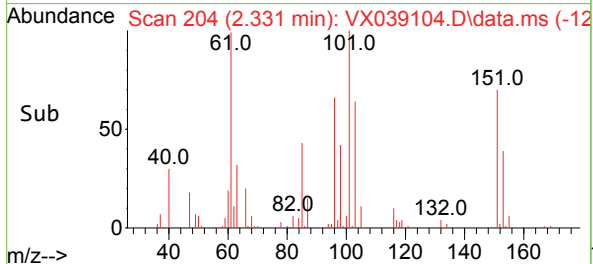
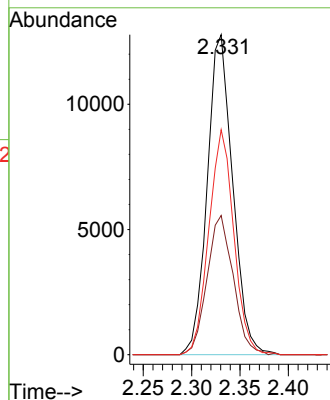
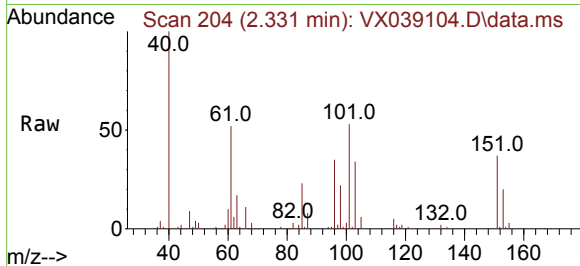




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.201 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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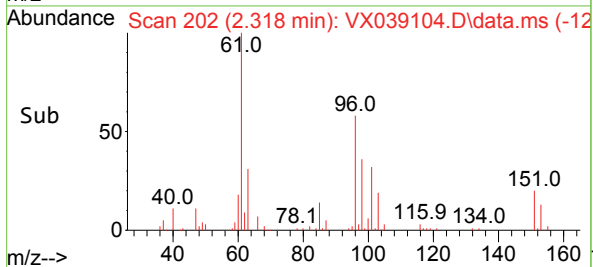
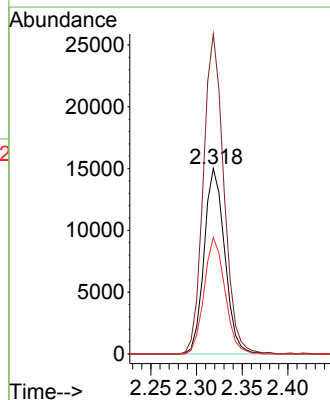
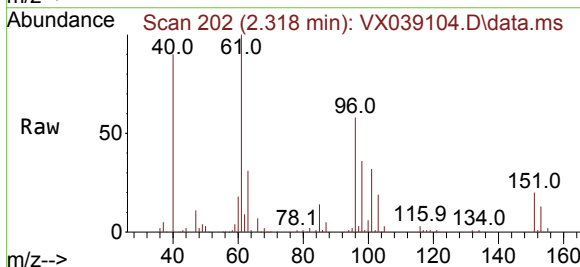
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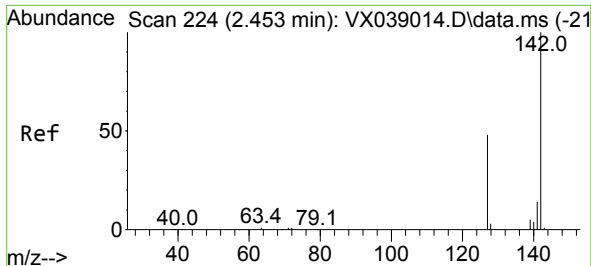
Tgt Ion:101 Resp: 23448
Ion Ratio Lower Upper
101 100
85 44.7 0.0 95.2
151 68.7 0.0 136.8



#10
1,1-Dichloroethene
Concen: 17.138 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

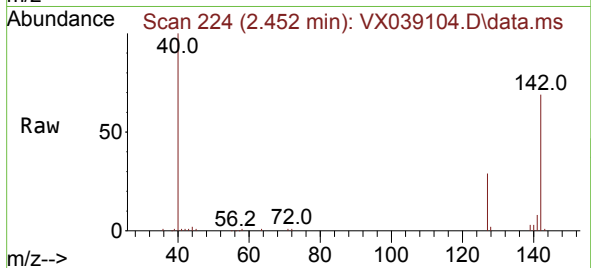
Tgt Ion: 96 Resp: 23549
Ion Ratio Lower Upper
96 100
61 172.6 138.3 207.5
98 62.8 49.8 74.6



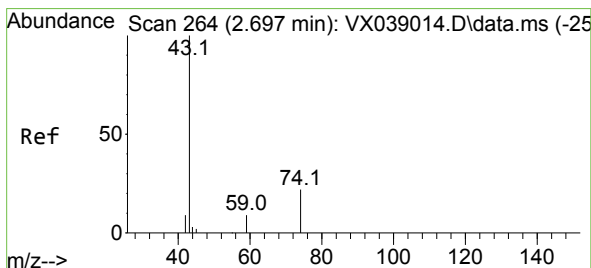
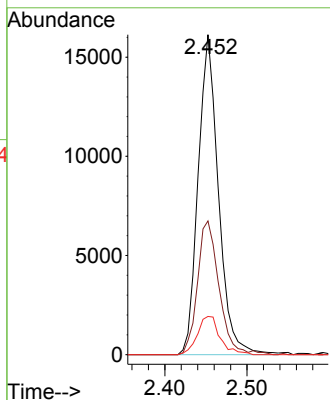
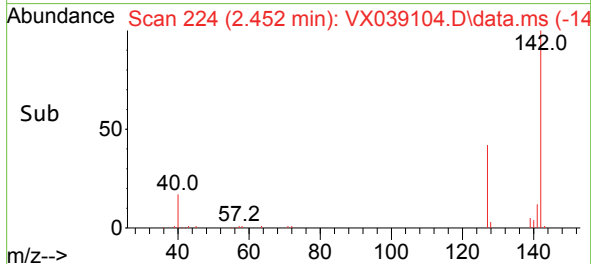


#11
Methyl Iodide
Concen: 18.379 ug/l
RT: 2.452 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

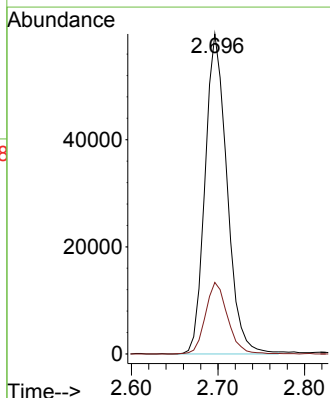
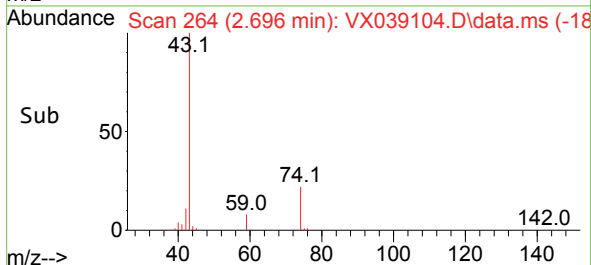
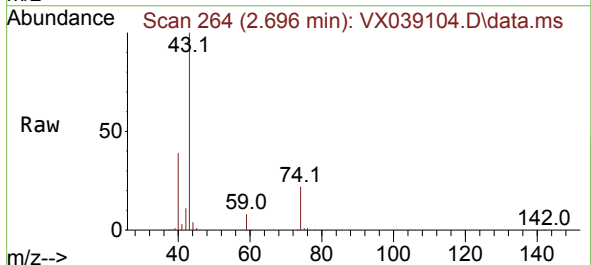


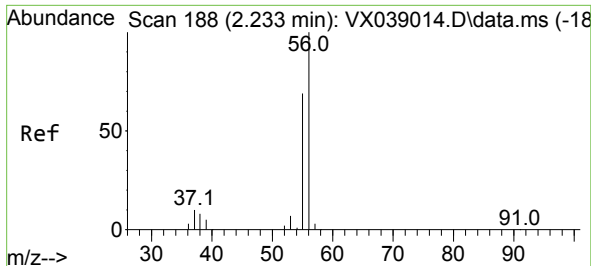
Tgt Ion:142 Resp: 27674
Ion Ratio Lower Upper
142 100
127 41.9 23.8 71.4
141 12.0 6.9 20.6



#12
Methyl Acetate
Concen: 24.575 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 43 Resp: 105321
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6

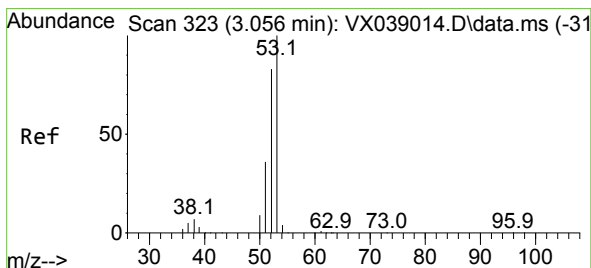
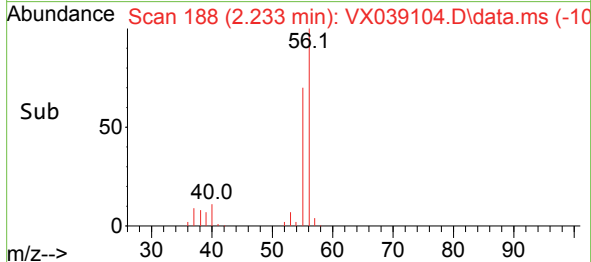
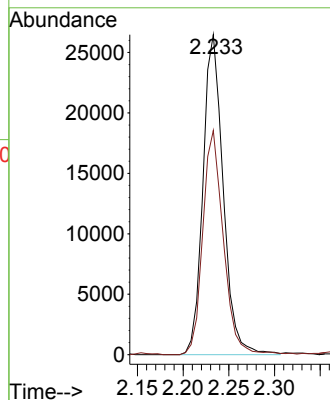
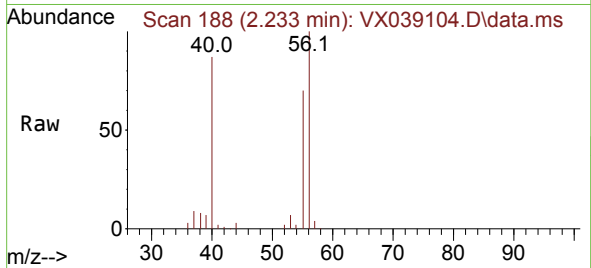




#13
Acrolein
Concen: 108.317 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

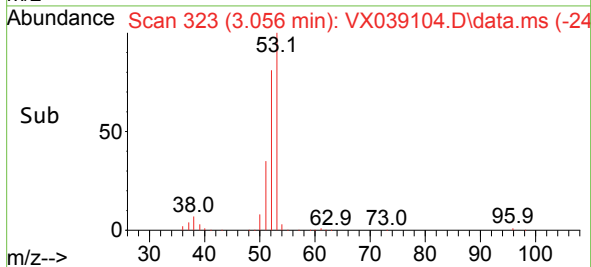
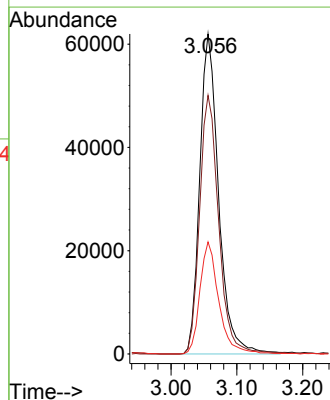
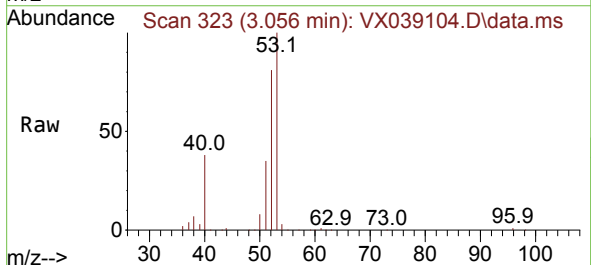
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

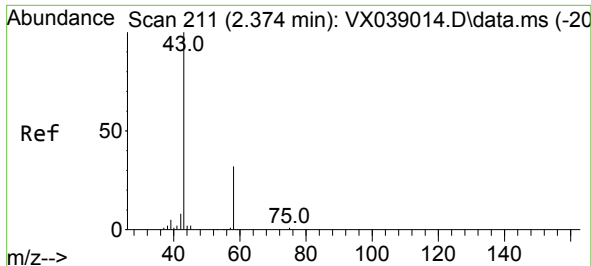
Tgt Ion: 56 Resp: 40666
Ion Ratio Lower Upper
56 100
55 70.7 57.2 85.8



#14
Acrylonitrile
Concen: 118.154 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 53 Resp: 123847
Ion Ratio Lower Upper
53 100
52 81.5 41.9 125.6
51 34.7 18.3 54.9

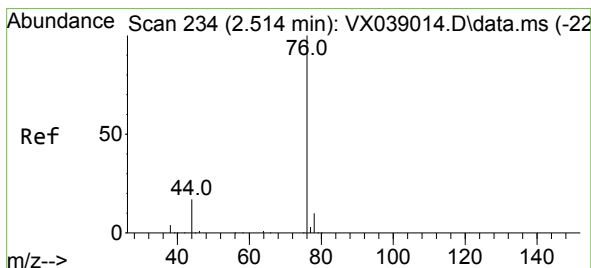
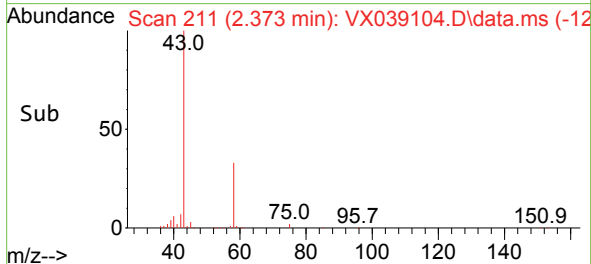
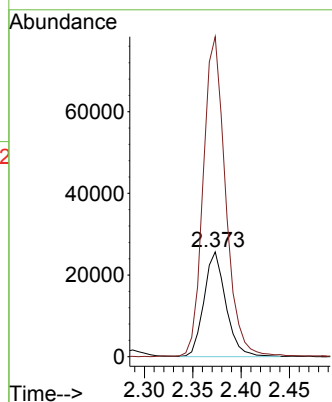
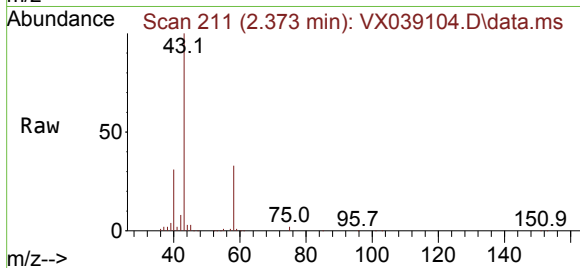




#15
Acetone
Concen: 106.252 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

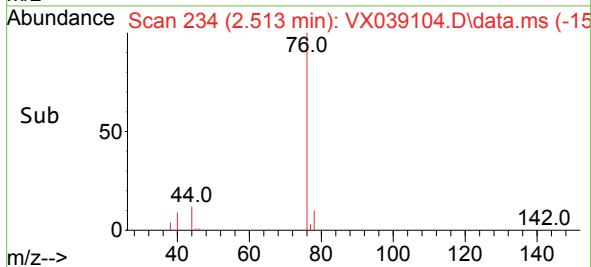
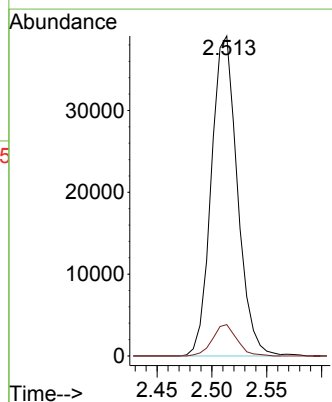
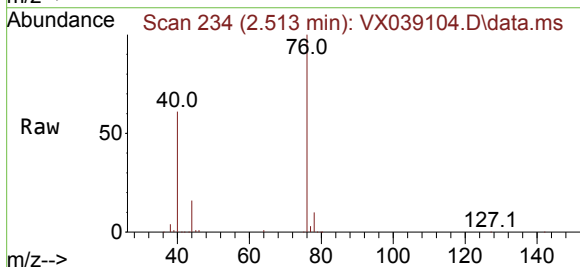
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

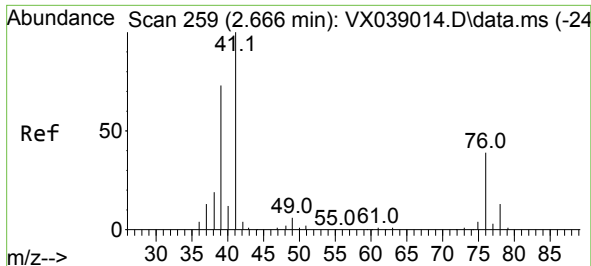
Tgt Ion: 58 Resp: 40483
Ion Ratio Lower Upper
58 100
43 305.4 249.9 374.9



#16
Carbon Disulfide
Concen: 15.547 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 76 Resp: 64700
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0





#17

Allyl chloride

Concen: 20.621 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

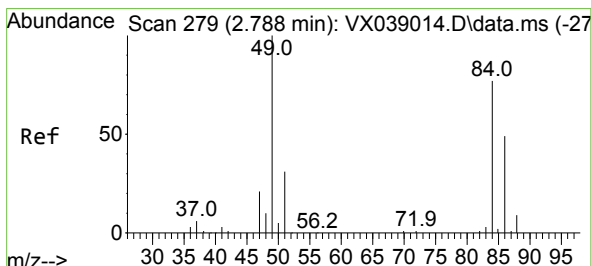
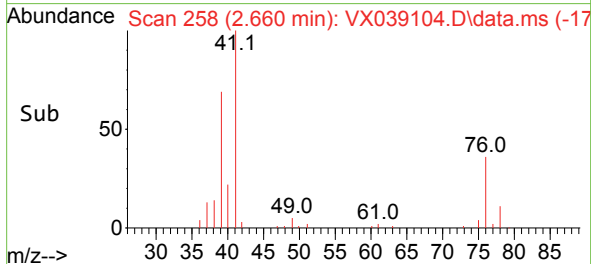
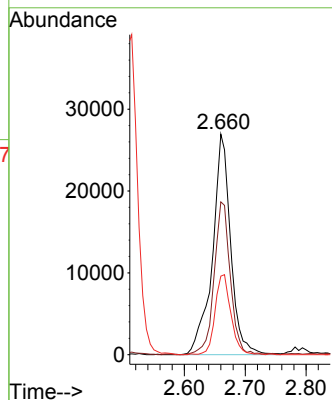
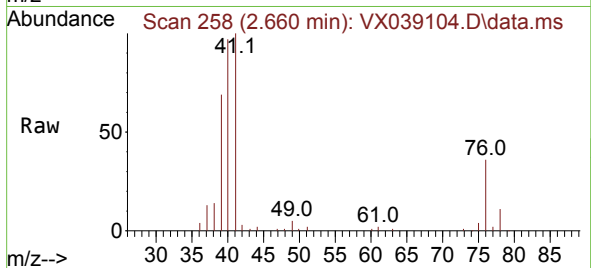
Tgt Ion: 41 Resp: 56249

Ion Ratio Lower Upper

41 100

39 69.3 36.5 109.5

76 35.6 19.7 59.0



#18

Methylene Chloride

Concen: 21.756 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Tgt Ion: 84 Resp: 35436

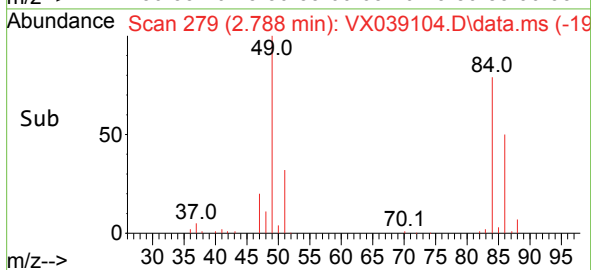
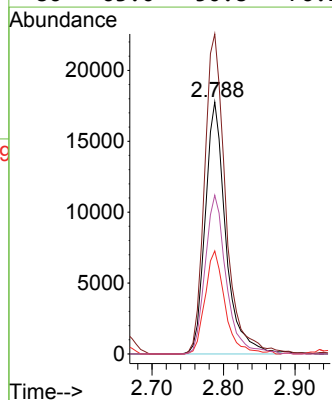
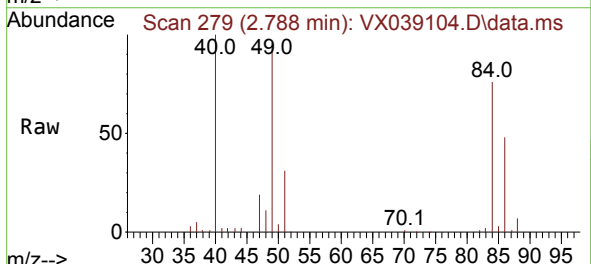
Ion Ratio Lower Upper

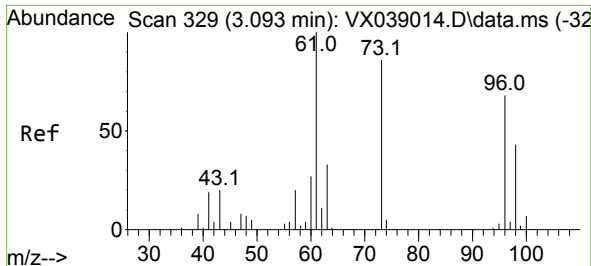
84 100

49 127.0 103.8 155.8

51 40.9 31.8 47.6

86 63.0 50.8 76.2

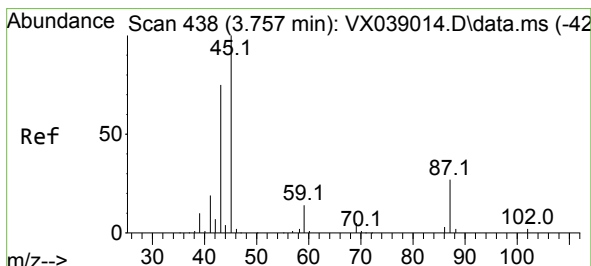
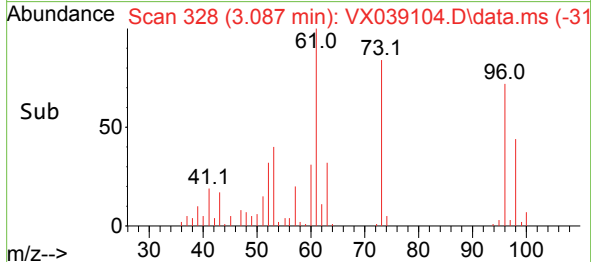
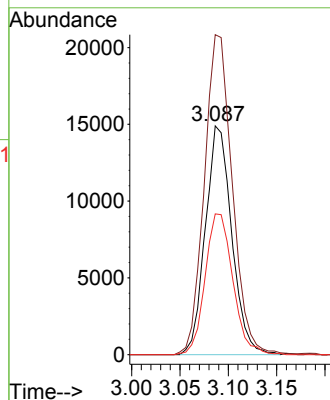
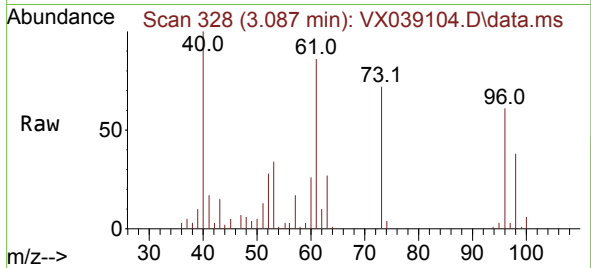




#19
trans-1,2-Dichloroethene
Concen: 18.227 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

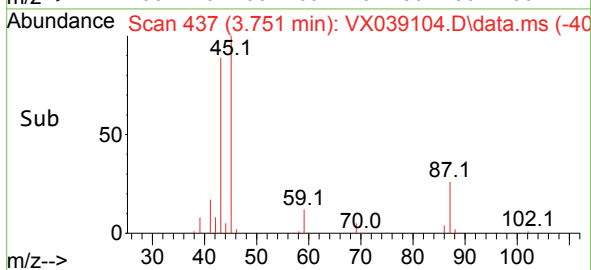
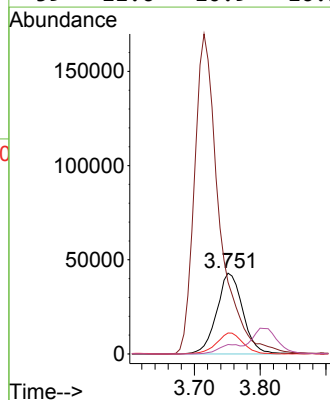
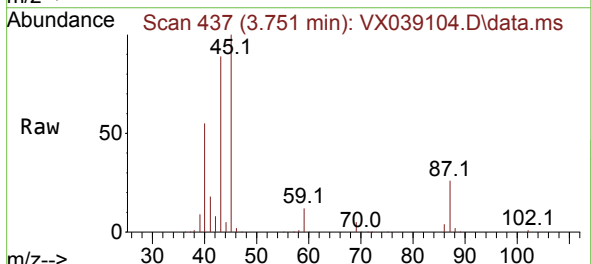
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

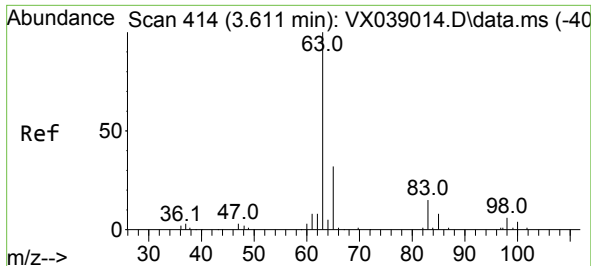
Tgt Ion: 96 Resp: 28326
Ion Ratio Lower Upper
96 100
61 139.0 117.9 176.9
98 61.0 51.0 76.6



#20
Diisopropyl ether
Concen: 22.719 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 45 Resp: 117934
Ion Ratio Lower Upper
45 100
43 84.3 67.7 101.5
87 26.0 21.5 32.3
59 11.6 10.9 16.3

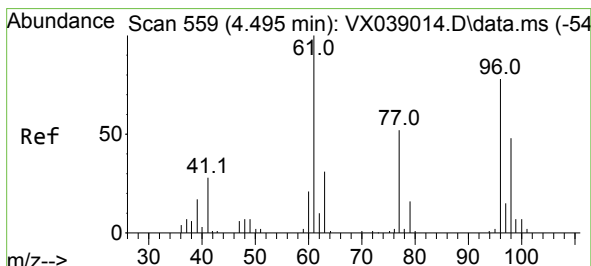
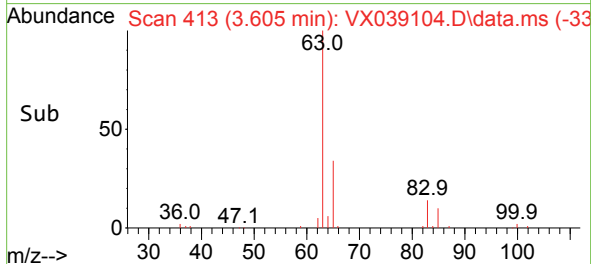
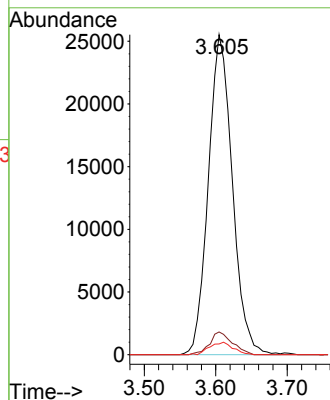
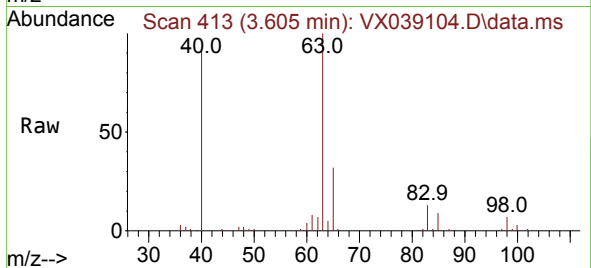




#21
1,1-Dichloroethane
Concen: 20.636 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

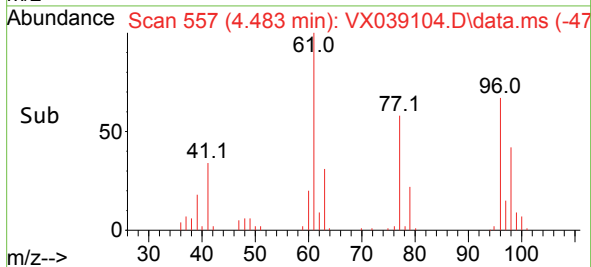
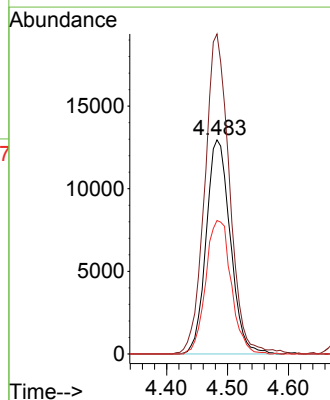
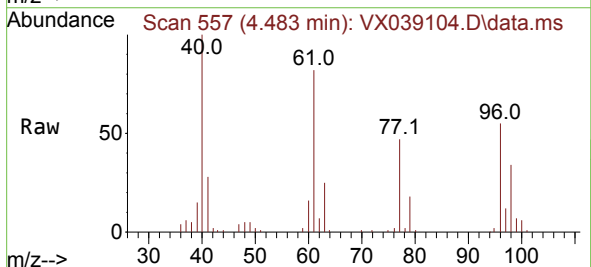
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

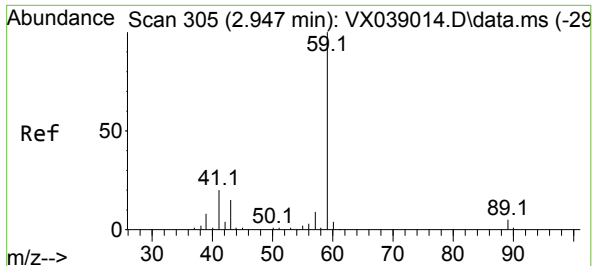
Tgt Ion: 63 Resp: 59559
Ion Ratio Lower Upper
63 100
98 7.1 2.9 8.8
100 3.3 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 19.806 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 96 Resp: 35672
Ion Ratio Lower Upper
96 100
61 152.2 119.8 179.6
98 65.4 50.9 76.3

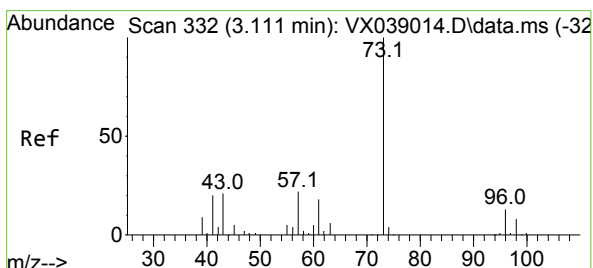
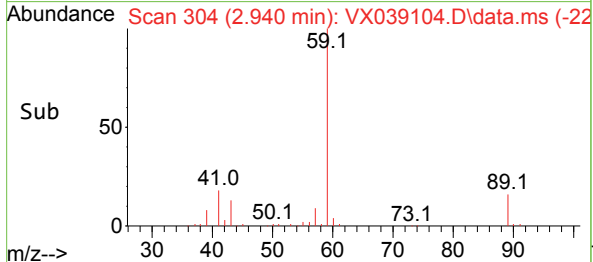
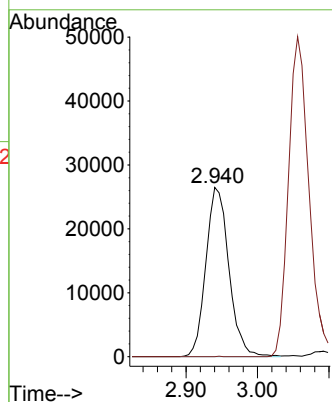
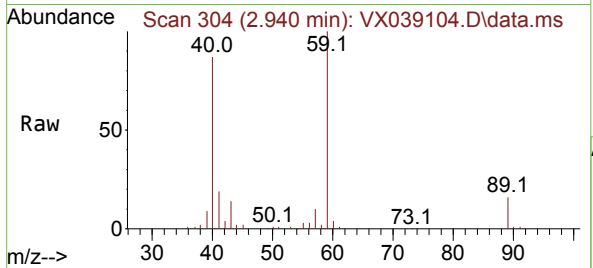




#23
tert-Butyl Alcohol
Concen: 102.156 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

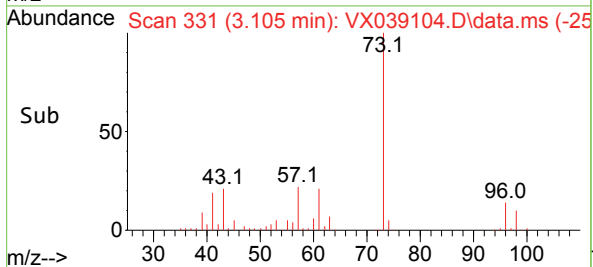
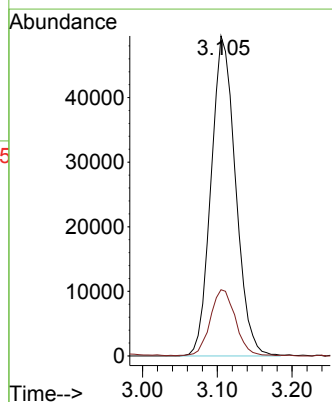
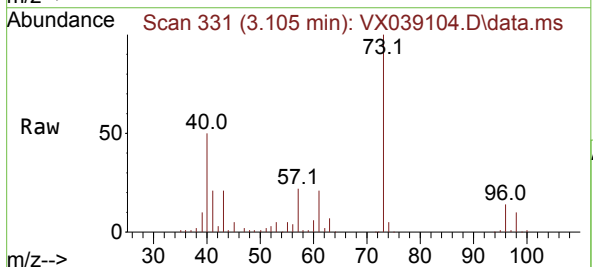
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

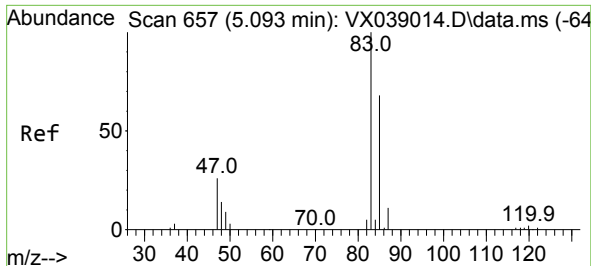
Tgt Ion: 59 Resp: 59279
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 22.294 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 73 Resp: 112849
Ion Ratio Lower Upper
73 100
43 21.1 17.0 25.6





#25

Chloroform

Concen: 20.668 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

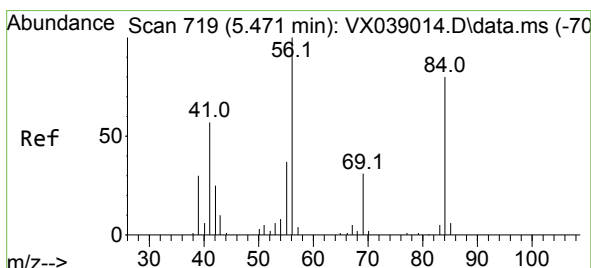
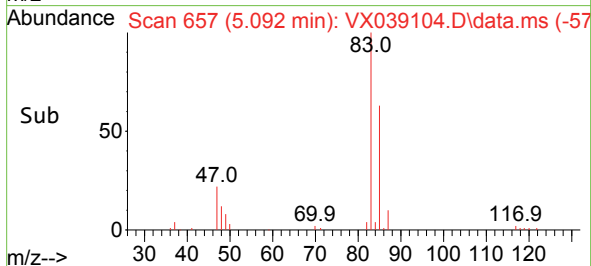
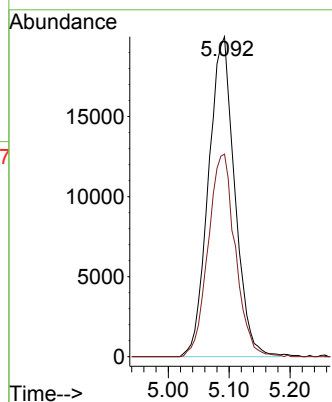
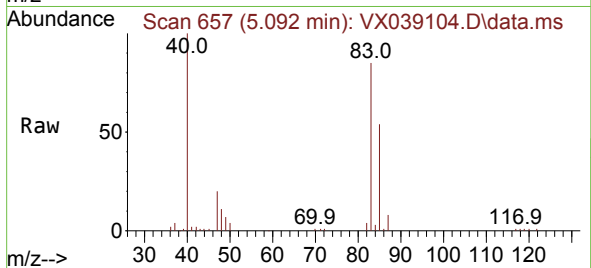
VSTDCCC020EC

Tgt Ion: 83 Resp: 59871

Ion Ratio Lower Upper

83 100

85 63.3 54.6 81.8



#26

Cyclohexane

Concen: 15.817 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

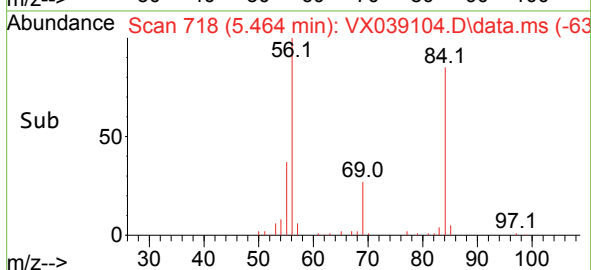
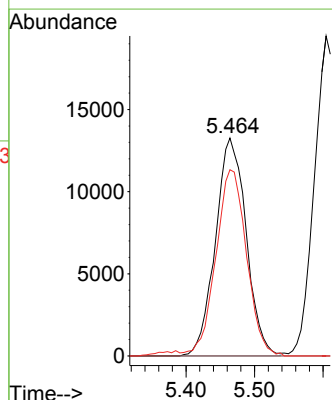
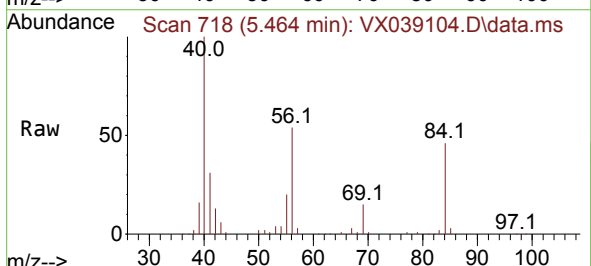
Tgt Ion: 56 Resp: 41319

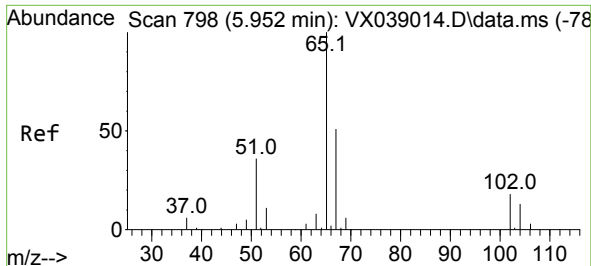
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.4 67.2 100.8

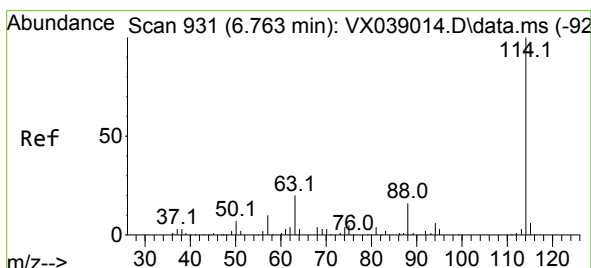
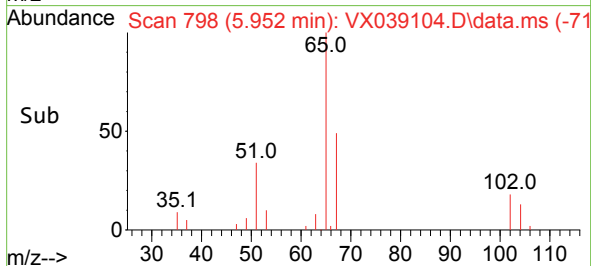
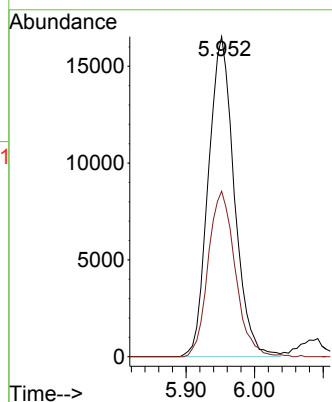
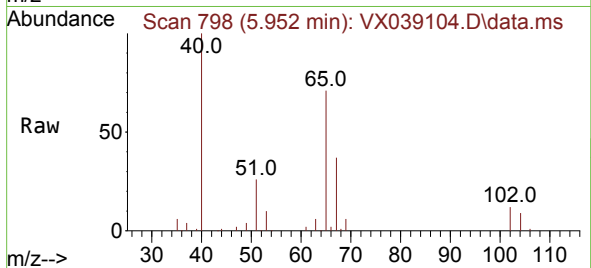




#27
1,2-Dichloroethane-d4
Concen: 31.406 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

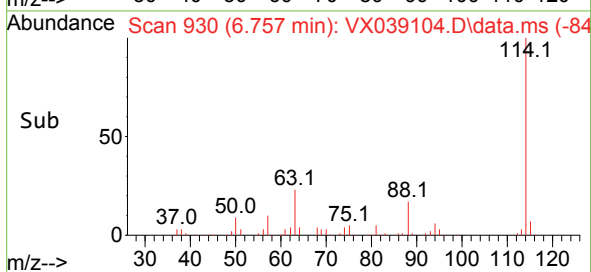
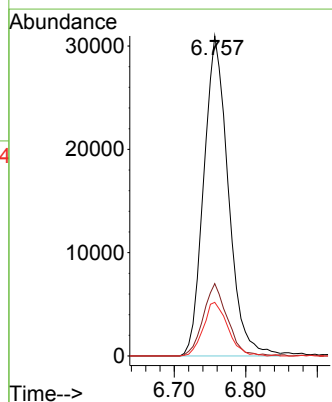
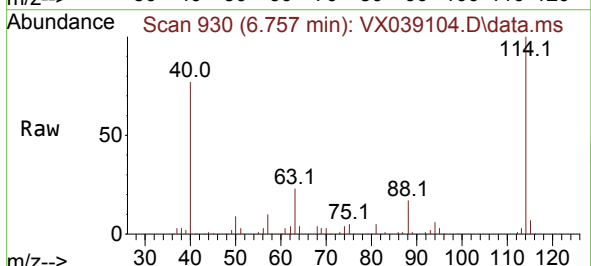
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

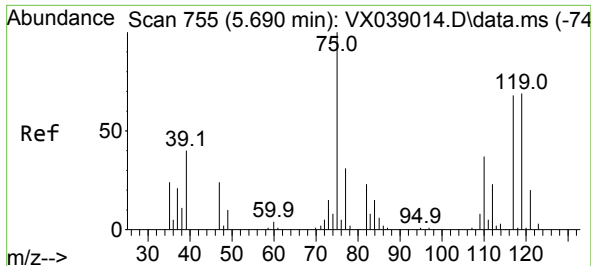
Tgt Ion: 65 Resp: 43404
Ion Ratio Lower Upper
65 100
67 53.8 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 114 Resp: 73896
Ion Ratio Lower Upper
114 100
63 22.0 17.0 25.4
88 16.5 12.7 19.1

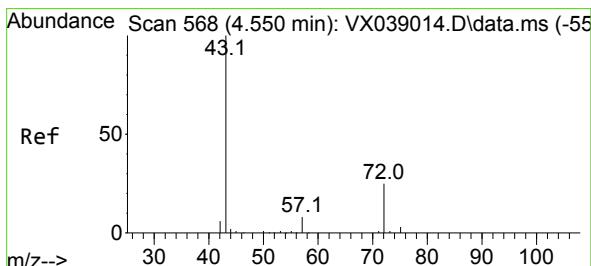
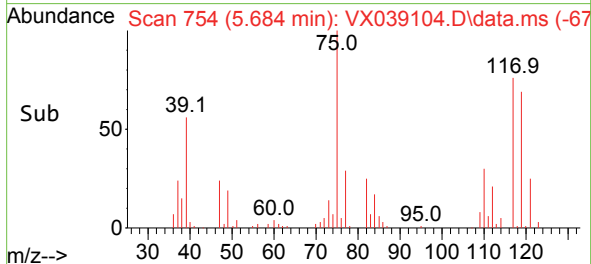
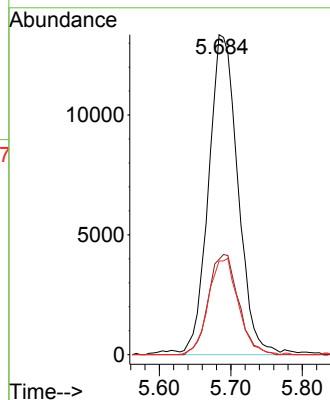
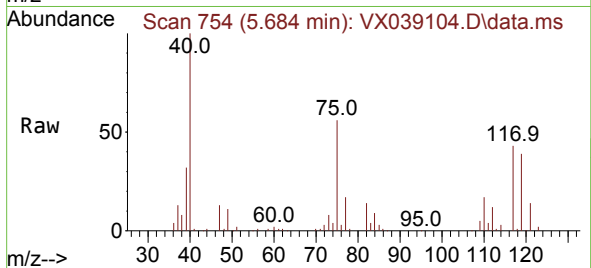




#29
1,1-Dichloropropene
Concen: 18.307 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

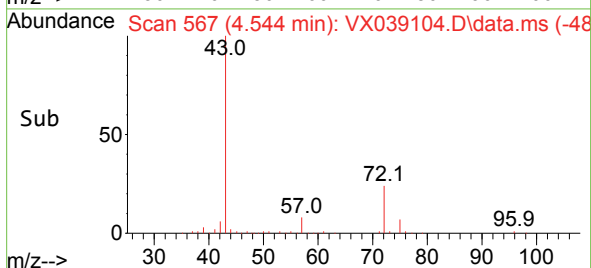
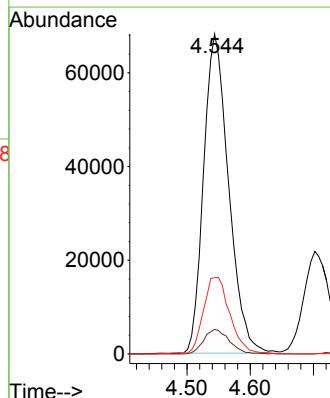
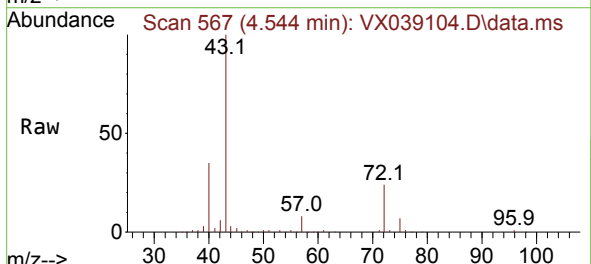
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

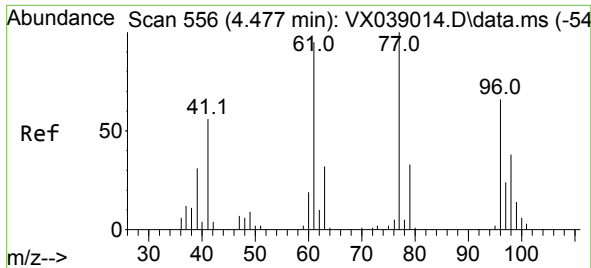
Tgt Ion: 75 Resp: 37923
Ion Ratio Lower Upper
75 100
110 32.1 0.0 71.2
77 30.7 0.0 62.6



#30
2-Butanone
Concen: 120.026 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 43 Resp: 187197
Ion Ratio Lower Upper
43 100
57 7.8 6.6 10.0
72 25.4 20.6 31.0

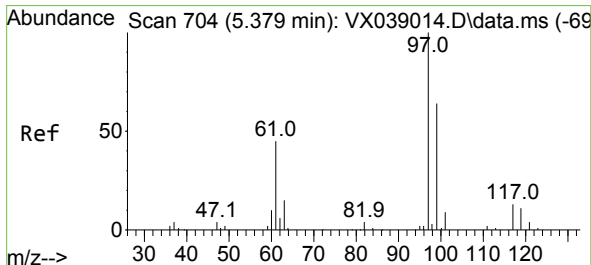
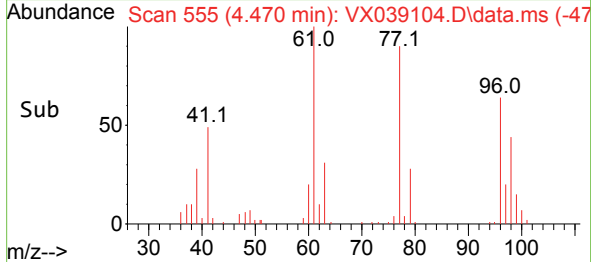
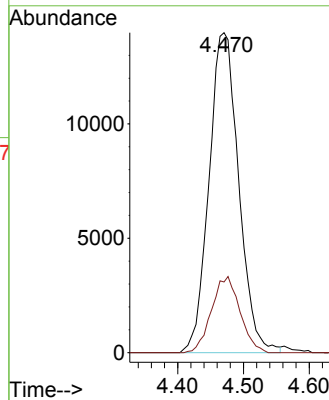
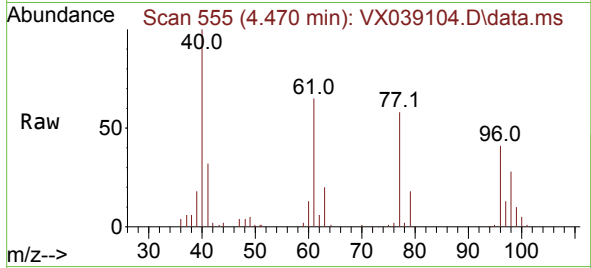




#31
2,2-Dichloropropane
Concen: 18.576 ug/l
RT: 4.470 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

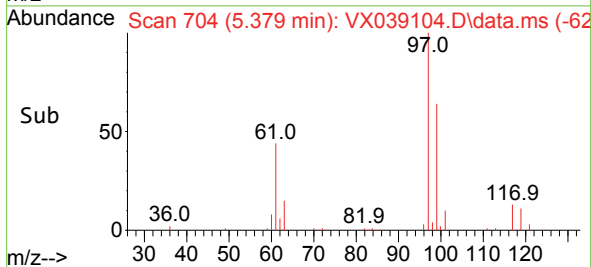
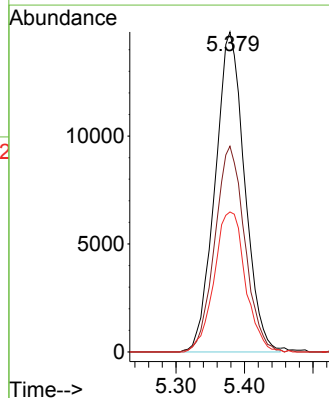
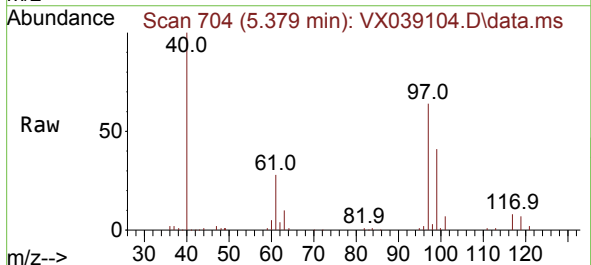
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

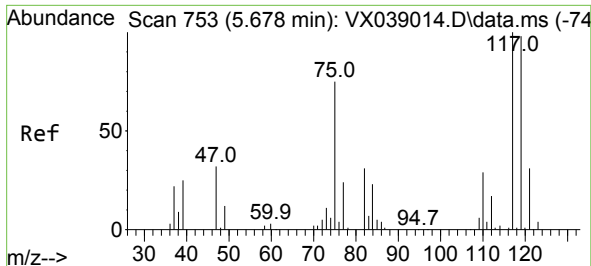
Tgt Ion: 77 Resp: 43997
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 18.523 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 97 Resp: 44350
Ion Ratio Lower Upper
97 100
99 65.1 52.6 79.0
61 46.3 36.9 55.3

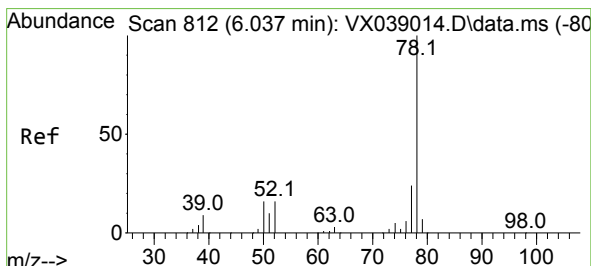
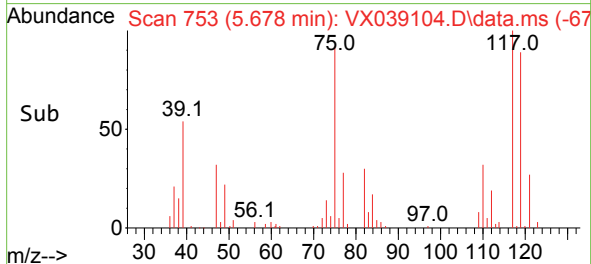
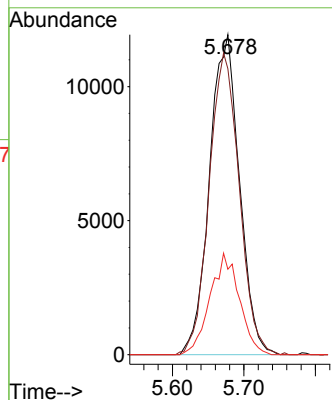
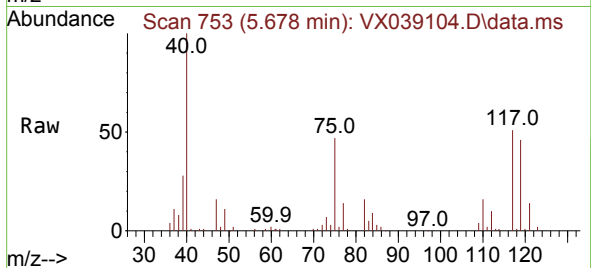




#33
Carbon Tetrachloride
Concen: 17.203 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

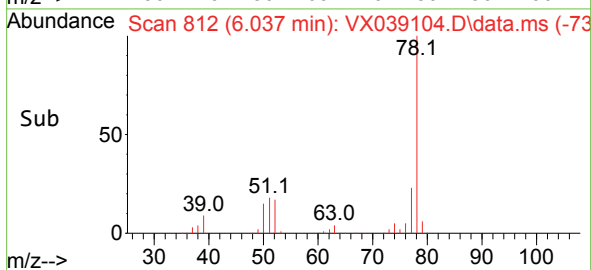
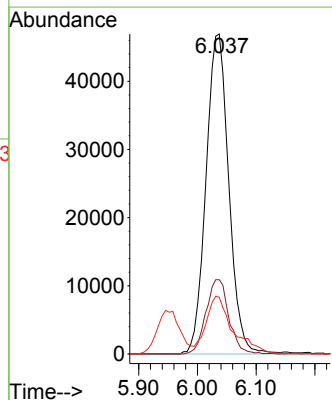
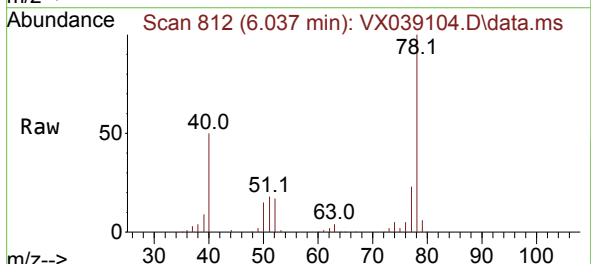
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

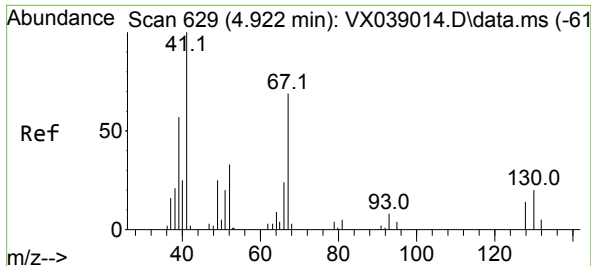
Tgt Ion:117 Resp: 34695
Ion Ratio Lower Upper
117 100
119 89.3 78.2 117.4
121 26.7 24.7 37.1



#34
Benzene
Concen: 20.963 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 78 Resp: 126502
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 17.5 14.4 21.6

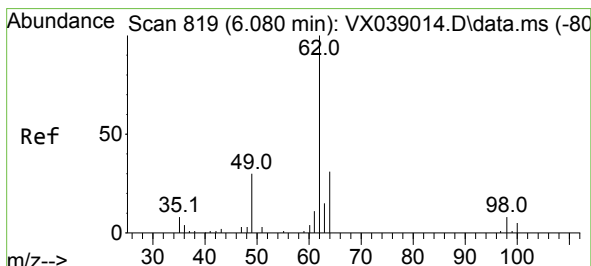
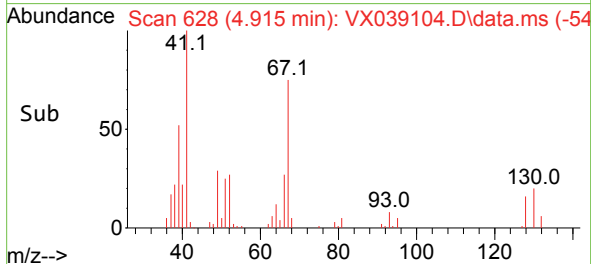
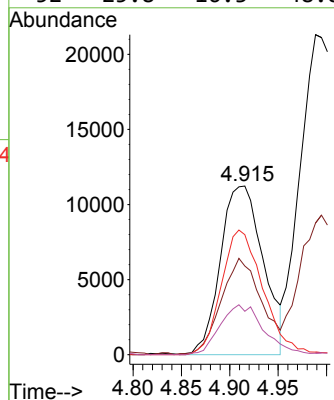
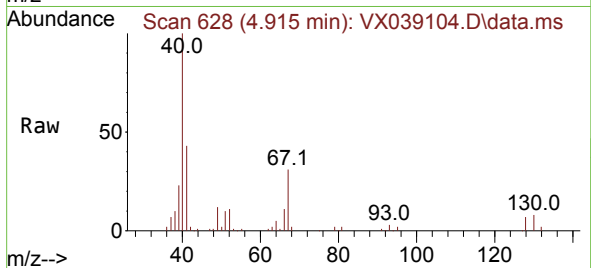




#35
Methacrylonitrile
Concen: 25.046 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

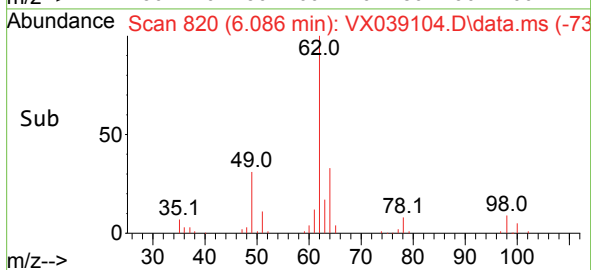
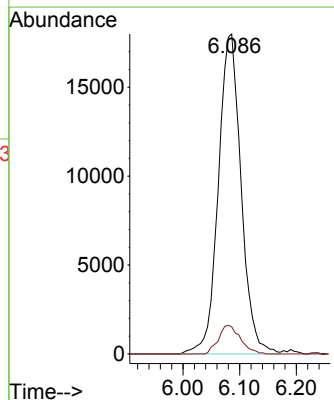
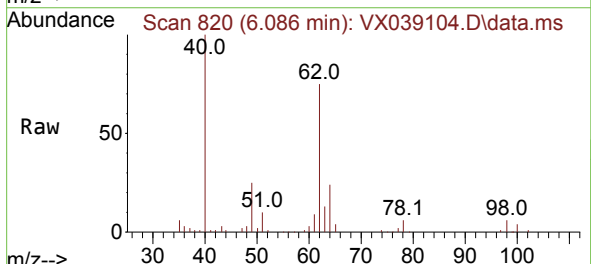
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

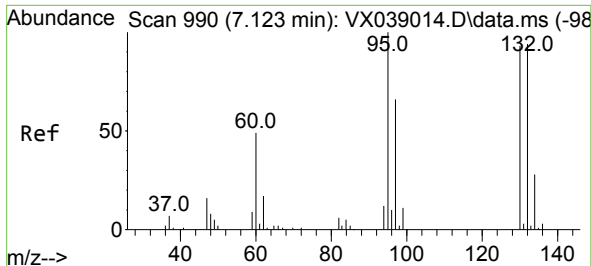
Tgt Ion:	41	Resp:	34601
Ion	Ratio	Lower	Upper
41	100		
39	51.9	28.2	84.7
67	71.1	34.5	103.5
52	25.8	16.3	48.8



#36
1,2-Dichloroethane
Concen: 22.674 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion:	62	Resp:	50204
Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.0	10.4





#37

Trichloroethene

Concen: 19.042 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

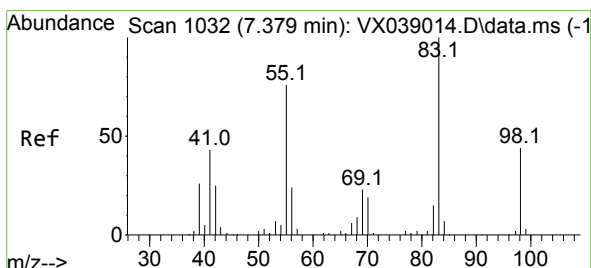
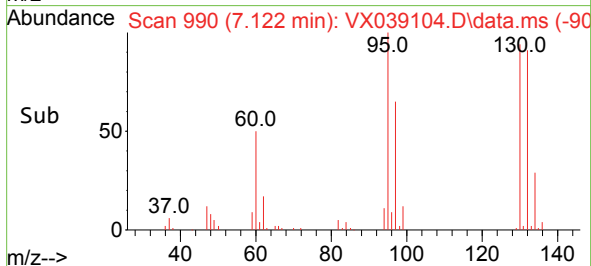
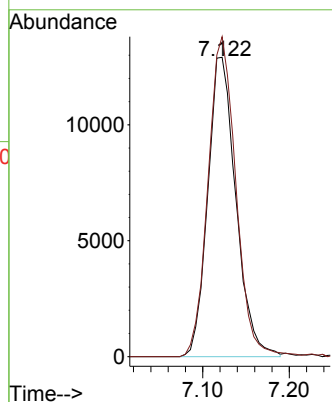
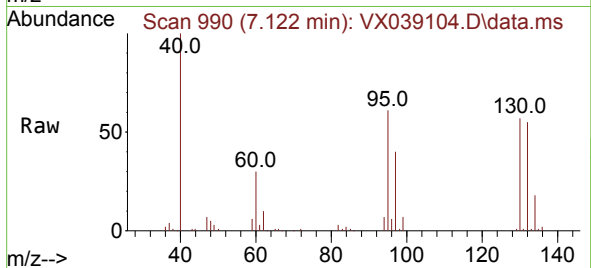
VSTDCCC020EC

Tgt Ion:130 Resp: 29165

Ion Ratio Lower Upper

130 100

95 106.9 85.8 128.8



#38

Methylcyclohexane

Concen: 16.479 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

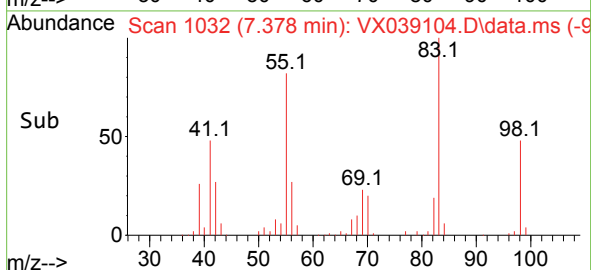
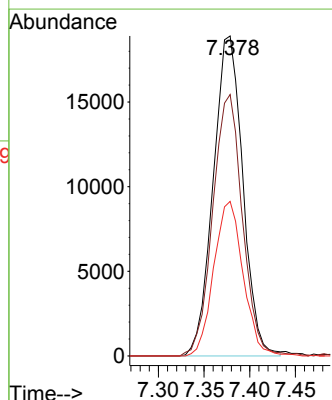
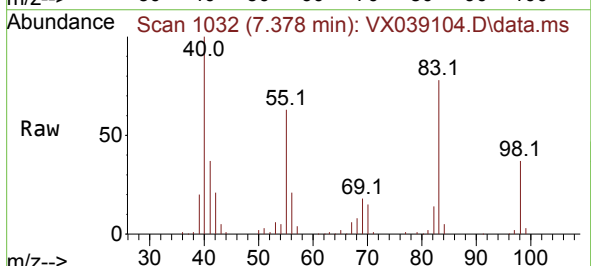
Tgt Ion: 83 Resp: 42533

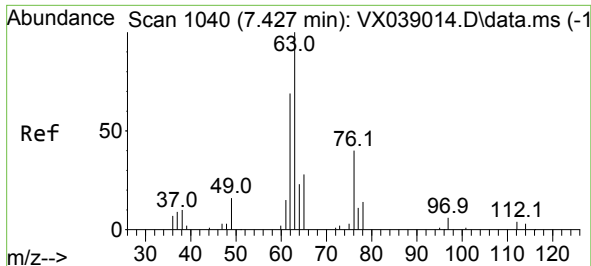
Ion Ratio Lower Upper

83 100

55 81.9 38.6 116.0

98 48.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 23.048 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

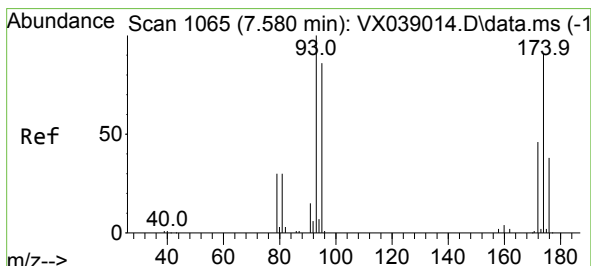
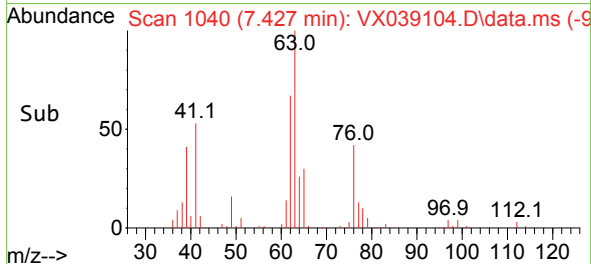
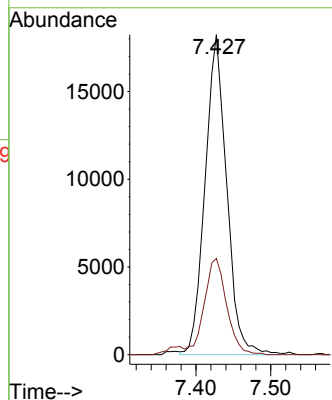
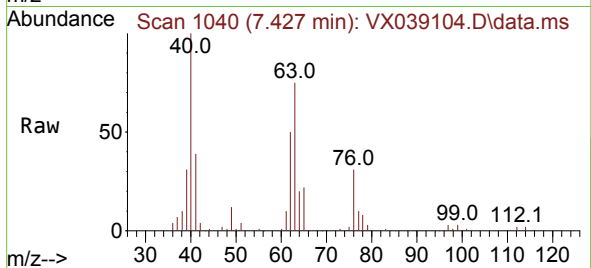
VSTDCCC020EC

Tgt Ion: 63 Resp: 36680

Ion Ratio Lower Upper

63 100

65 30.2 24.6 37.0



#40

Dibromomethane

Concen: 22.354 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

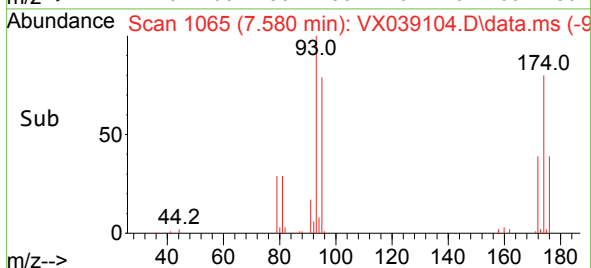
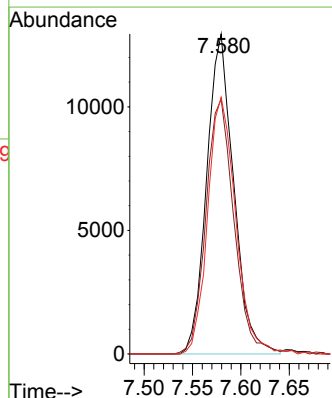
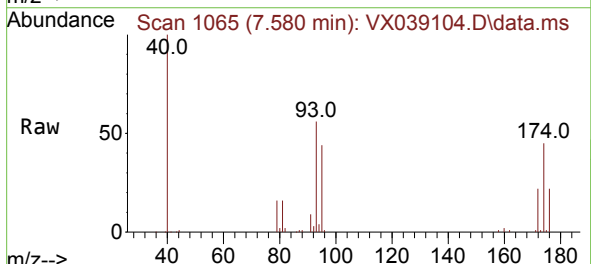
Tgt Ion: 93 Resp: 25136

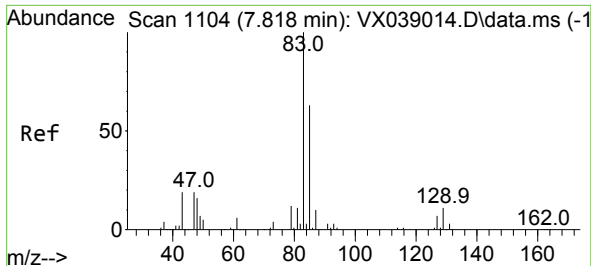
Ion Ratio Lower Upper

93 100

95 82.9 0.0 163.4

174 83.4 0.0 166.4

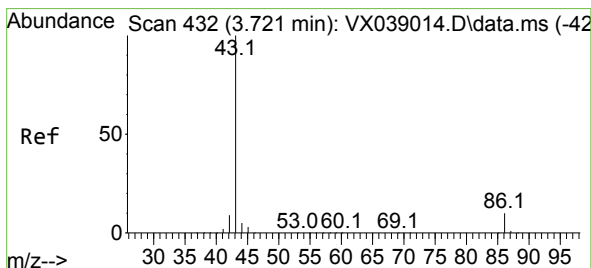
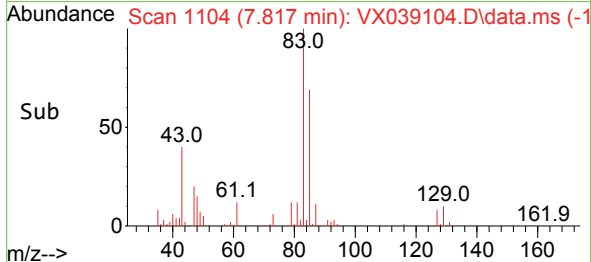
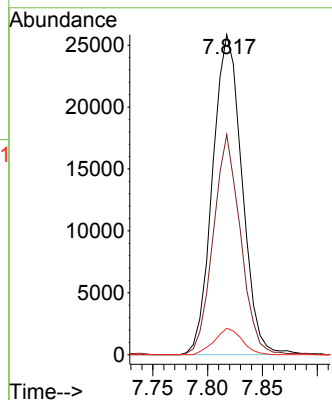
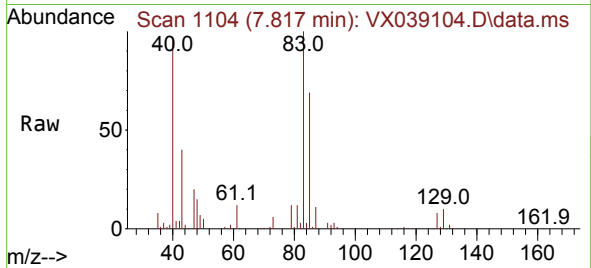




#41
Bromodichloromethane
Concen: 22.264 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

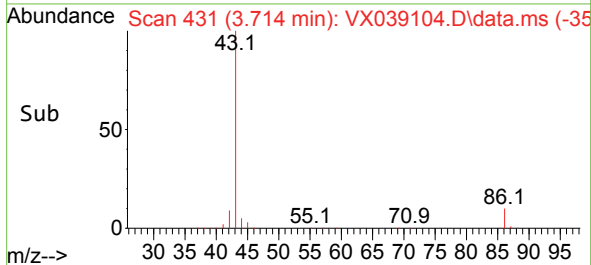
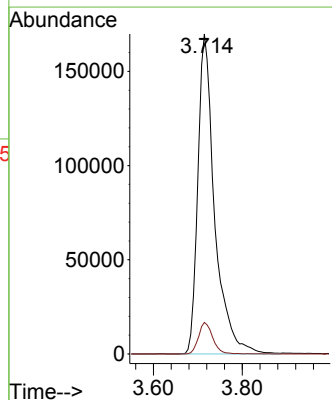
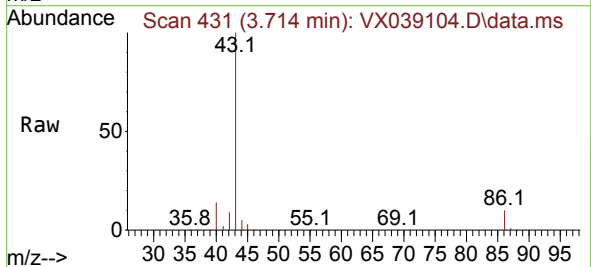
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

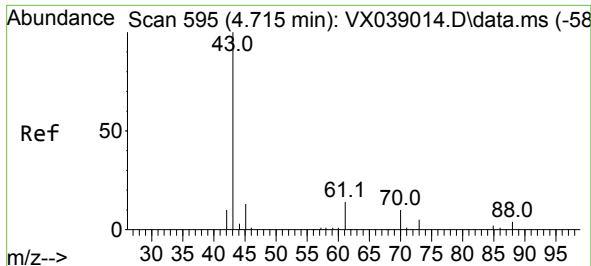
Tgt Ion:	83	Resp:	48095
Ion	Ratio	Lower	Upper
83	100		
85	68.7	50.8	76.2
127	8.2	5.9	8.9



#42
Vinyl Acetate
Concen: 120.069 ug/l
RT: 3.714 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion:	43	Resp:	446025
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.7	10.1

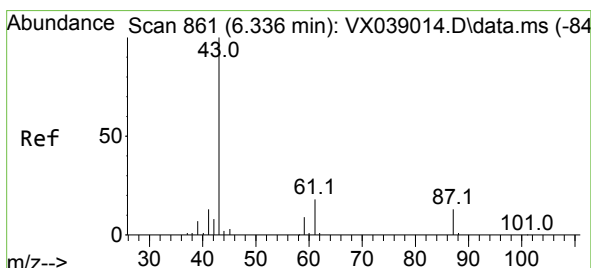
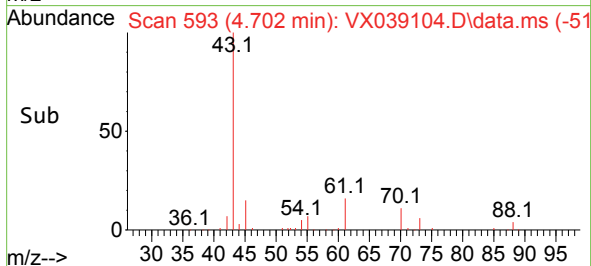
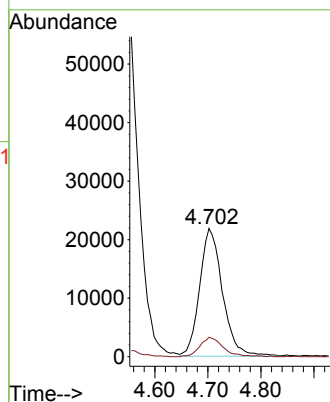
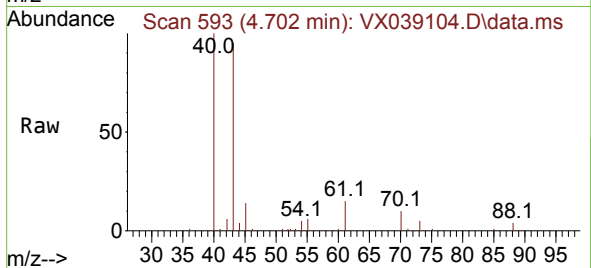




#43
Ethyl Acetate
Concen: 24.411 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

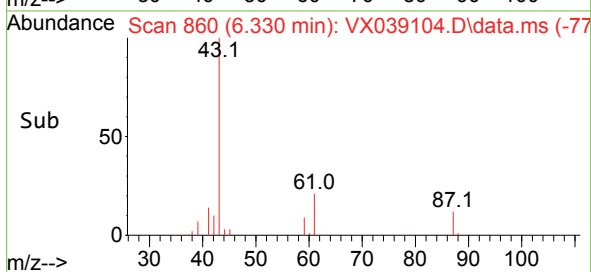
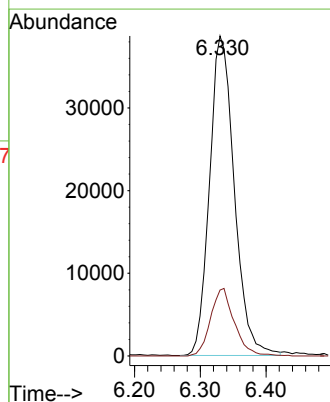
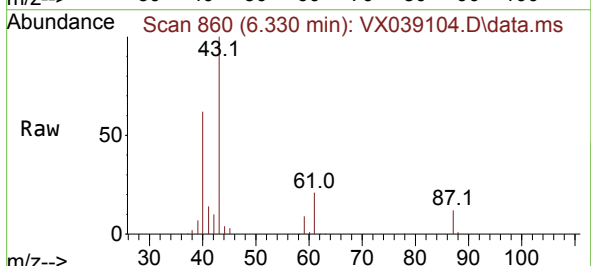
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

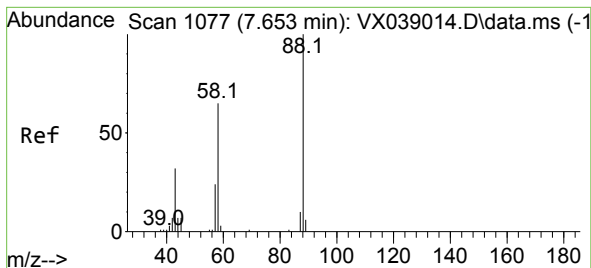
Tgt Ion: 43 Resp: 65501
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.8



#44
Isopropyl Acetate
Concen: 23.946 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 43 Resp: 101287
Ion Ratio Lower Upper
43 100
61 20.3 15.6 23.4





#45

1,4-Dioxane

Concen: 373.290 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

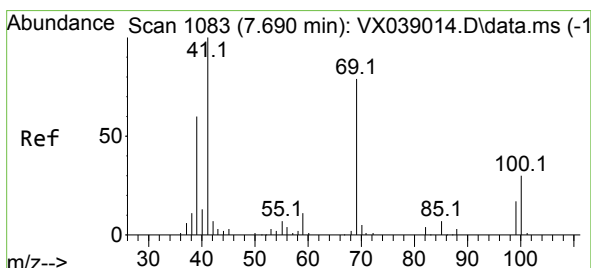
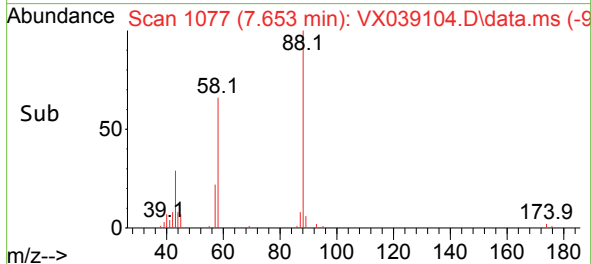
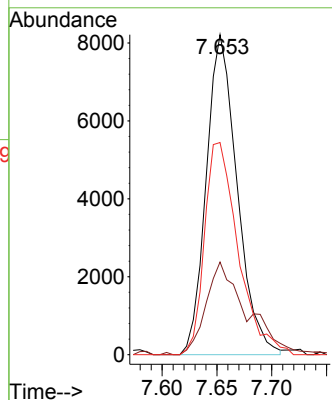
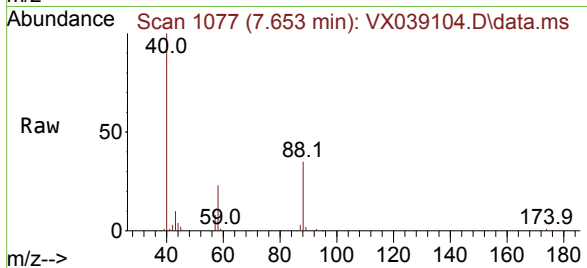
Tgt Ion: 88 Resp: 16119

Ion Ratio Lower Upper

88 100

43 29.1 28.1 42.1

58 72.1 57.7 86.5



#46

Methyl methacrylate

Concen: 24.217 ug/l

RT: 7.689 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

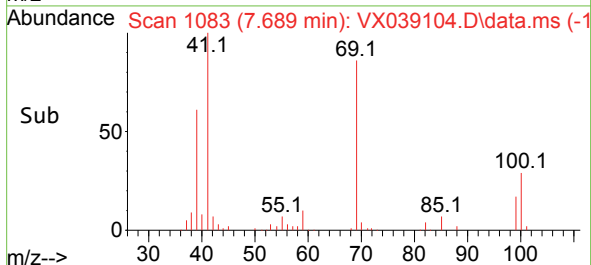
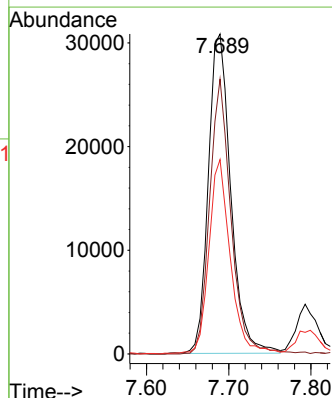
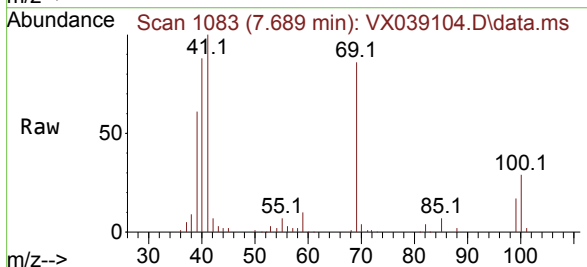
Tgt Ion: 41 Resp: 58567

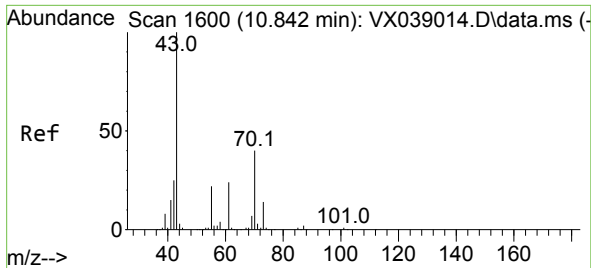
Ion Ratio Lower Upper

41 100

69 86.2 39.6 118.8

39 60.5 30.1 90.3

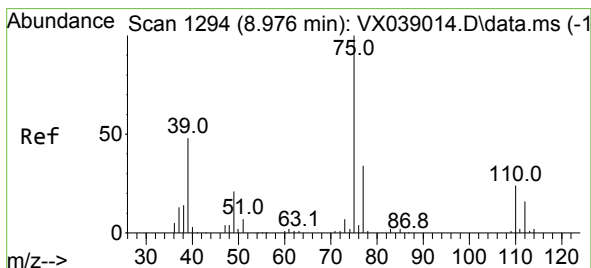
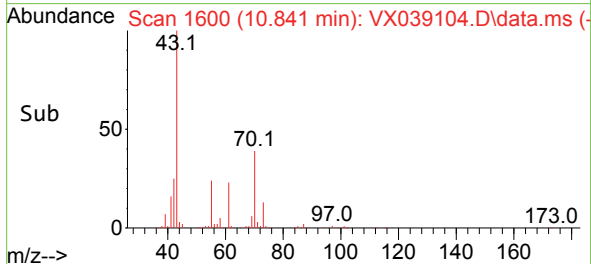
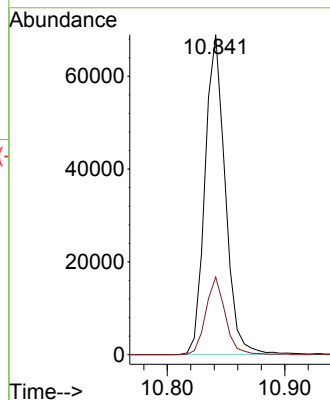
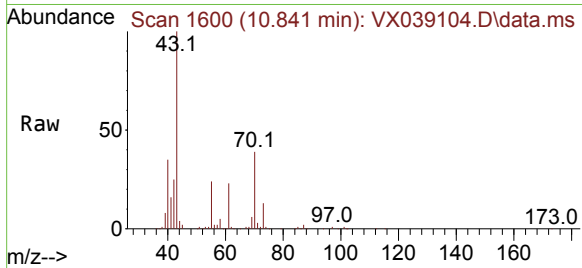




#47
n-amyl acetate
Concen: 22.896 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

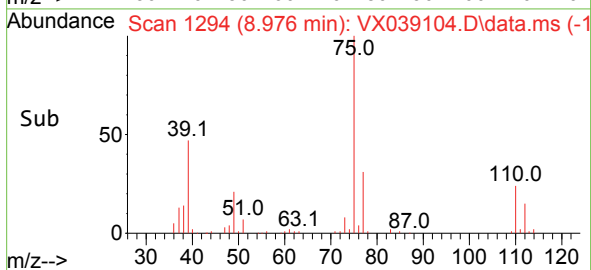
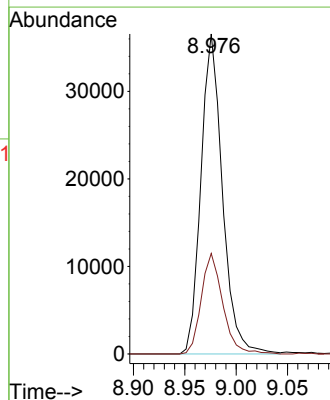
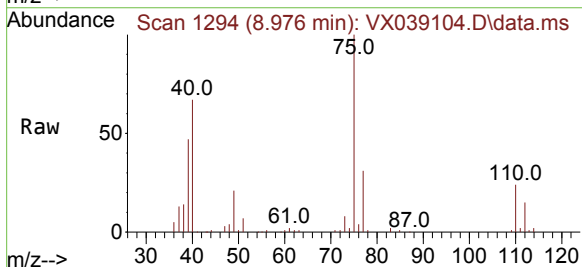
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

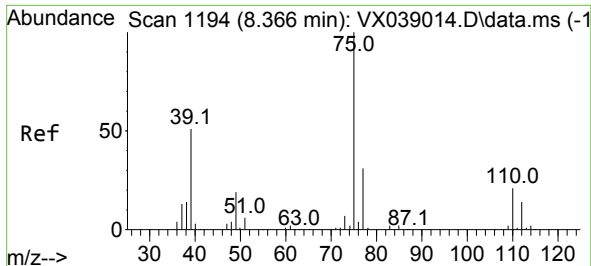
Tgt Ion: 43 Resp: 81972
Ion Ratio Lower Upper
43 100
55 23.4 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 21.266 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 75 Resp: 53268
Ion Ratio Lower Upper
75 100
77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 21.816 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

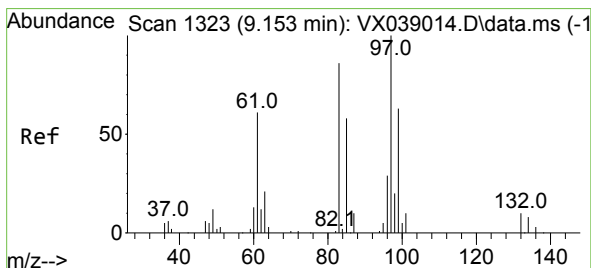
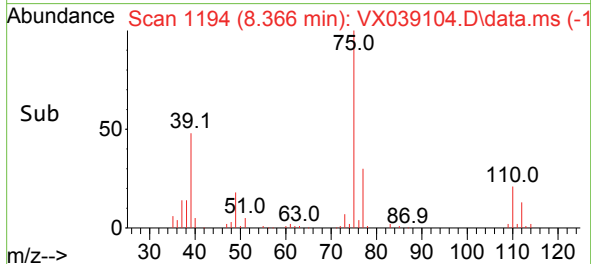
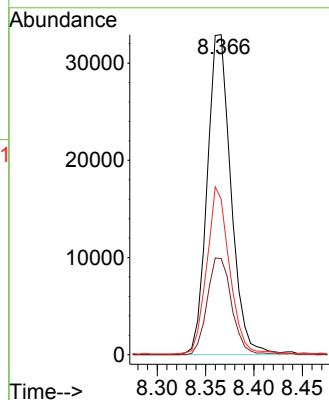
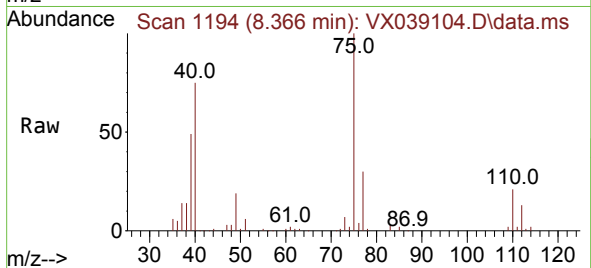
Tgt Ion: 75 Resp: 56371

Ion Ratio Lower Upper

75 100

77 30.1 24.4 36.6

39 48.2 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 23.635 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Tgt Ion: 97 Resp: 36102

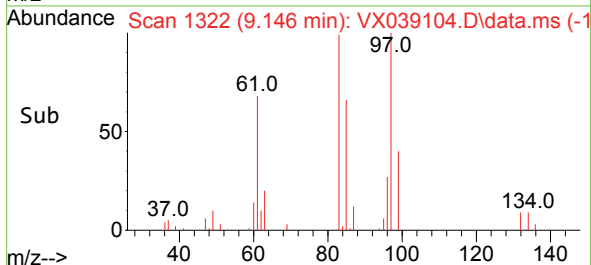
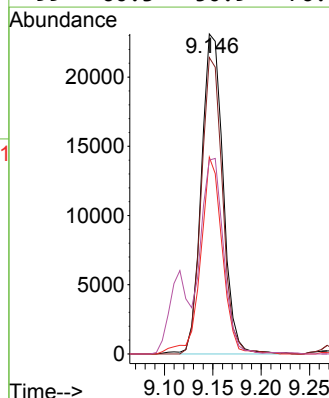
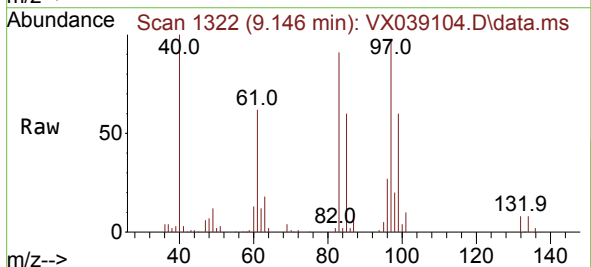
Ion Ratio Lower Upper

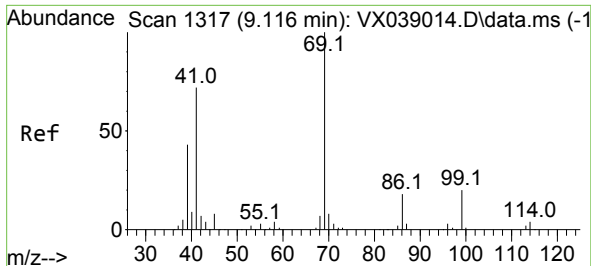
97 100

83 92.8 69.0 103.6

85 61.6 46.3 69.5

99 60.3 50.9 76.3

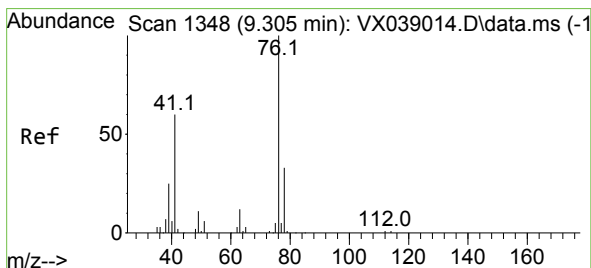
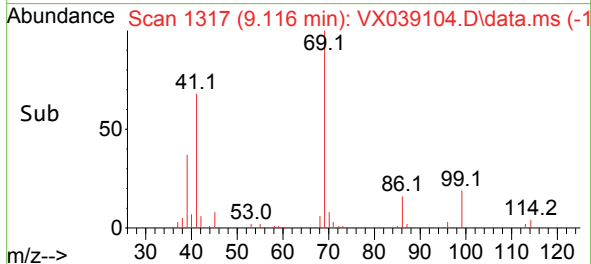
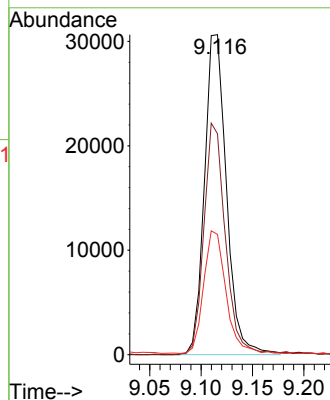
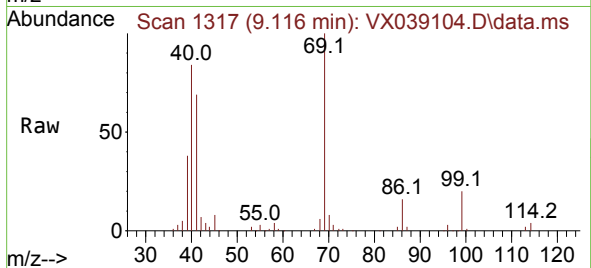




#51
Ethyl methacrylate
Concen: 23.927 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

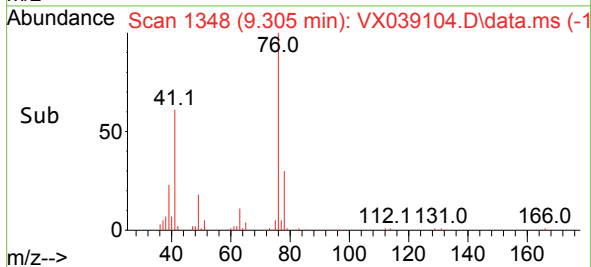
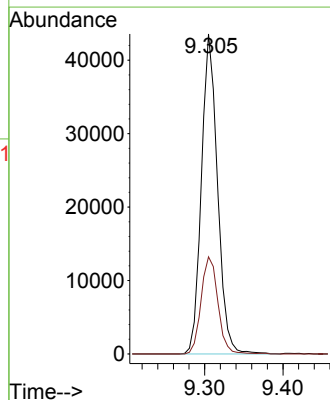
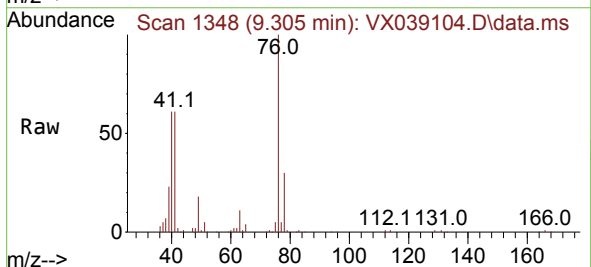
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

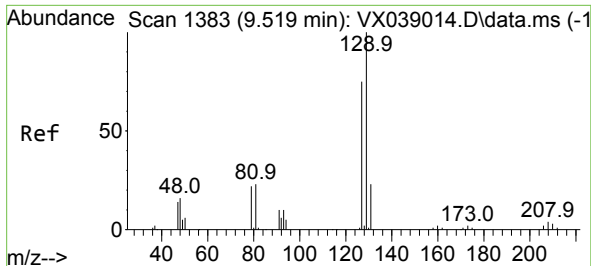
Tgt Ion: 69 Resp: 45751
Ion Ratio Lower Upper
69 100
41 68.8 36.2 108.6
39 37.2 21.1 63.4



#52
1,3-Dichloropropane
Concen: 23.753 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 76 Resp: 62214
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.0

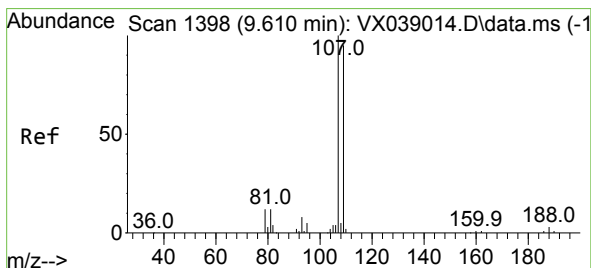
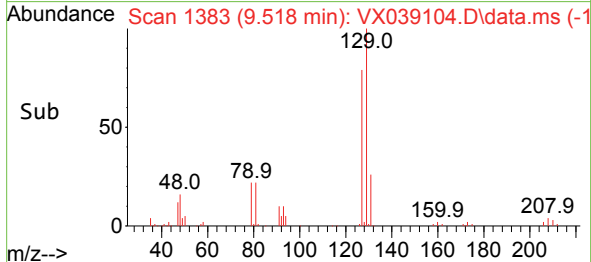
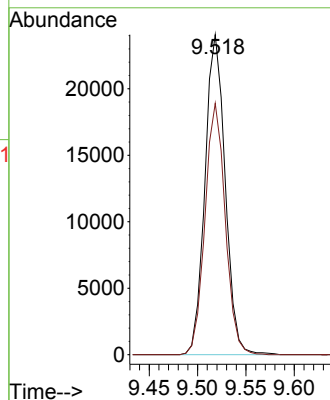
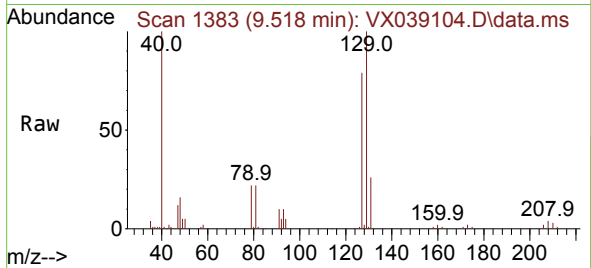




#53
Dibromochloromethane
Concen: 21.359 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

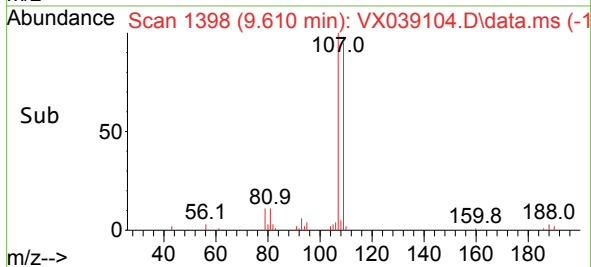
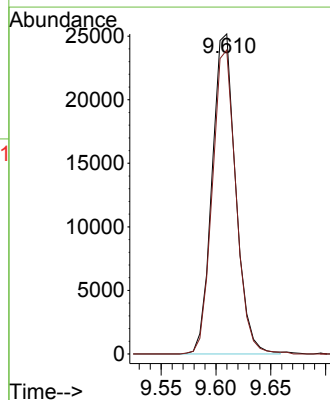
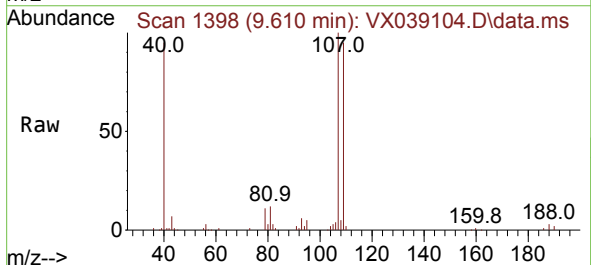
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

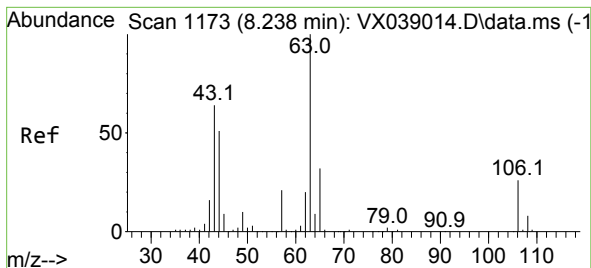
Tgt Ion:129 Resp: 35038
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9



#54
1,2-Dibromoethane
Concen: 22.568 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion:107 Resp: 37803
Ion Ratio Lower Upper
107 100
109 94.9 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 122.746 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

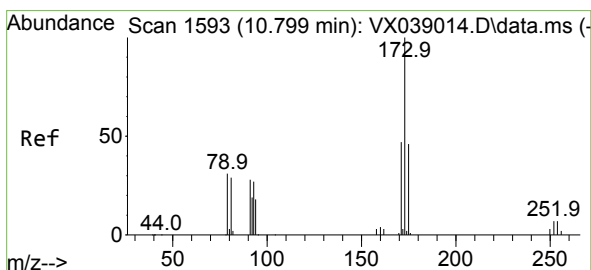
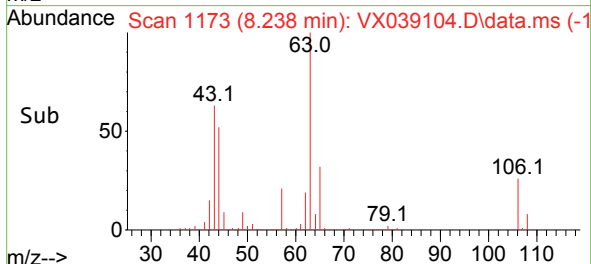
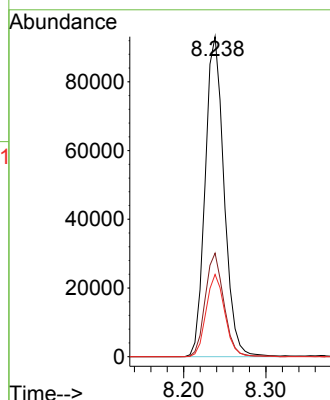
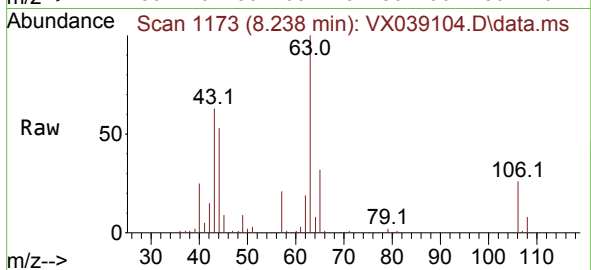
Tgt Ion: 63 Resp: 148764

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.6

106 25.4 20.6 31.0



#56

Bromoform

Concen: 20.125 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

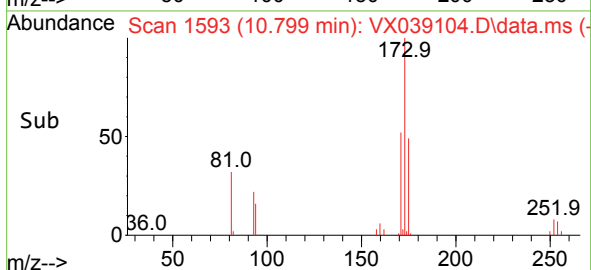
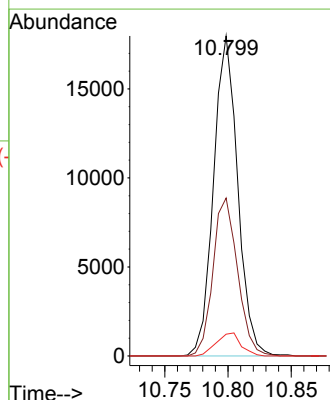
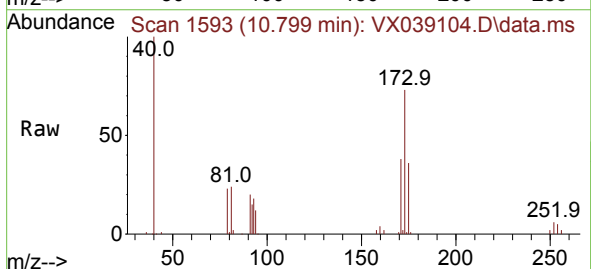
Tgt Ion:173 Resp: 23827

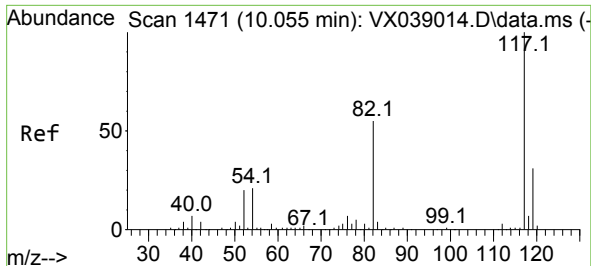
Ion Ratio Lower Upper

173 100

175 50.3 37.6 56.4

254 7.4 5.8 8.8

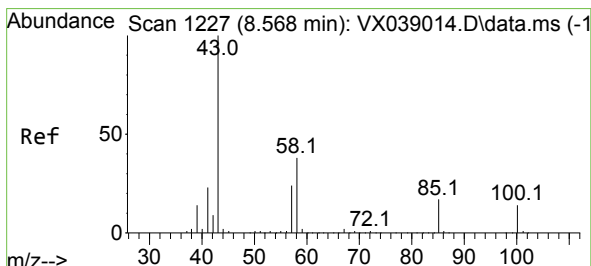
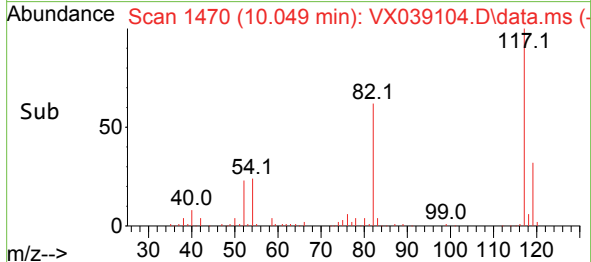
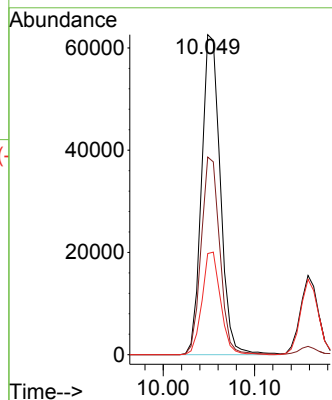
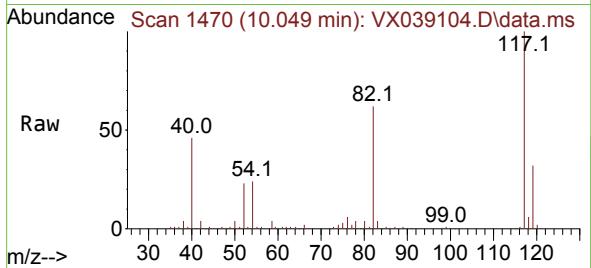




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

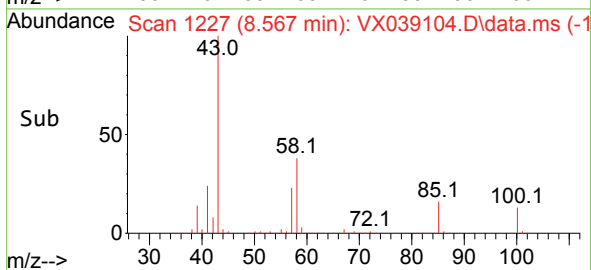
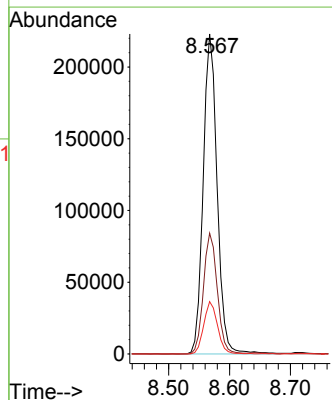
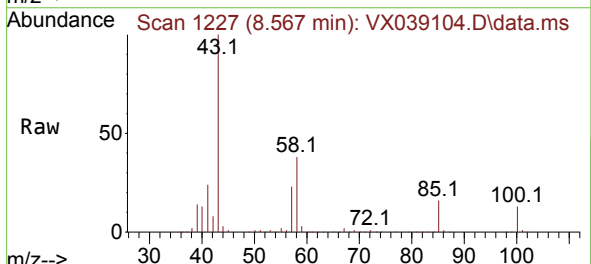
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

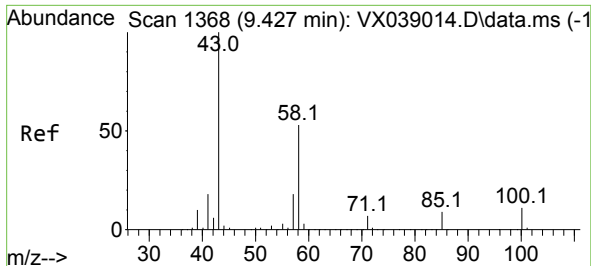
Tgt Ion:117 Resp: 88964
Ion Ratio Lower Upper
117 100
82 61.4 47.0 70.6
119 31.8 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 131.713 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 43 Resp: 355338
Ion Ratio Lower Upper
43 100
58 37.4 30.1 45.1
85 16.2 13.9 20.9





#59

2-Hexanone

Concen: 126.431 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

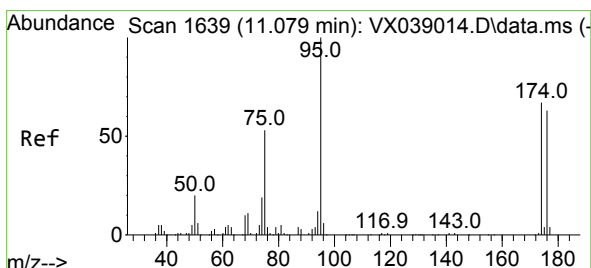
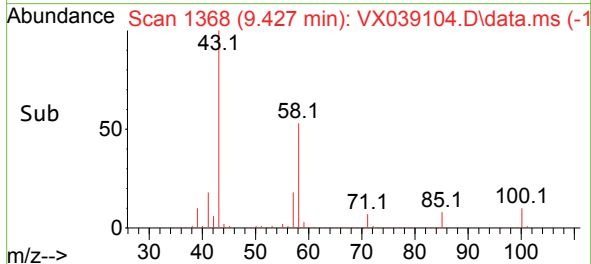
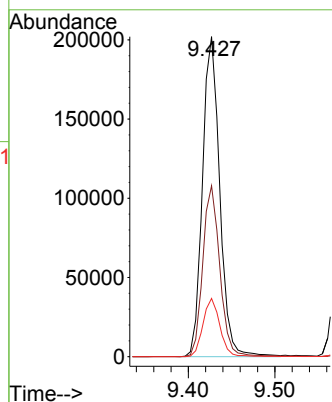
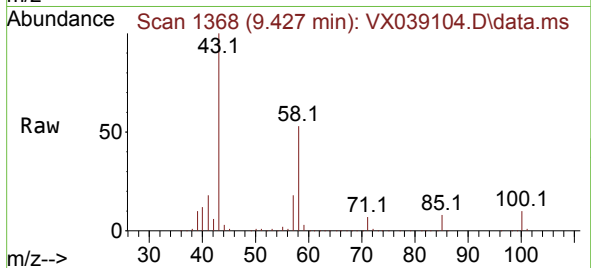
Tgt Ion: 43 Resp: 279978

Ion Ratio Lower Upper

43 100

58 52.2 42.7 64.1

57 17.7 14.8 22.2



#60

4-Bromofluorobenzene

Concen: 30.308 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

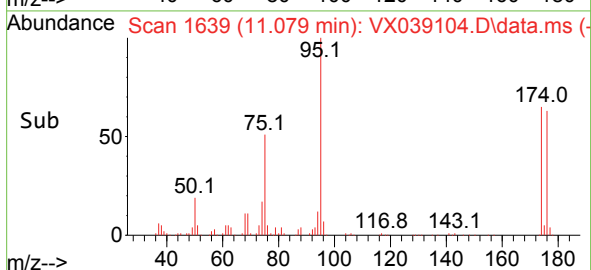
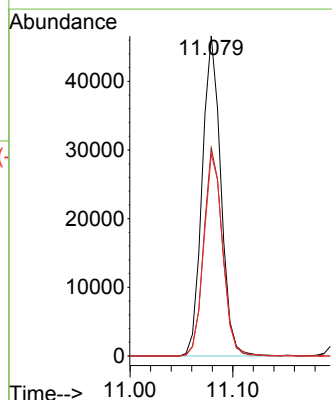
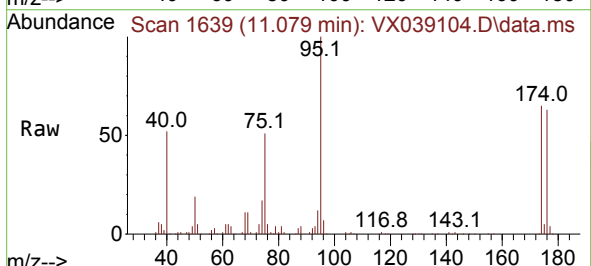
Tgt Ion: 95 Resp: 58892

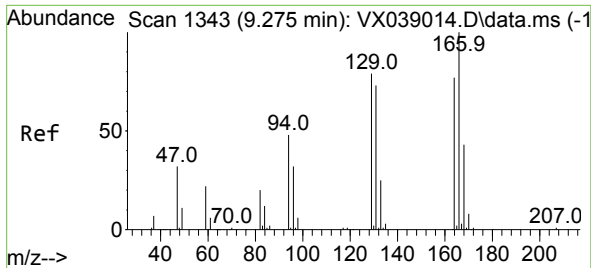
Ion Ratio Lower Upper

95 100

174 65.2 55.4 83.2

176 63.6 52.6 78.8

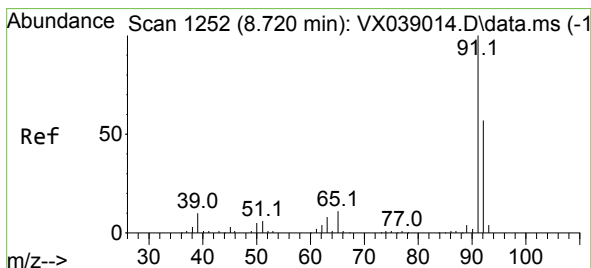
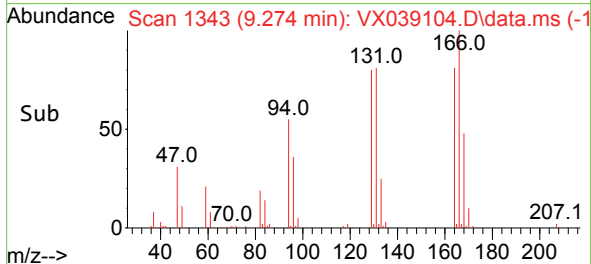
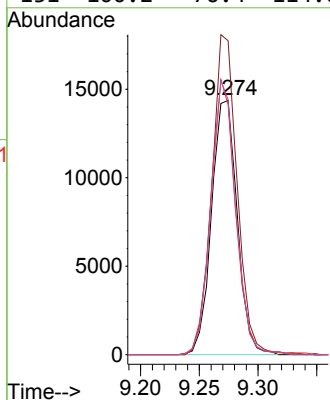
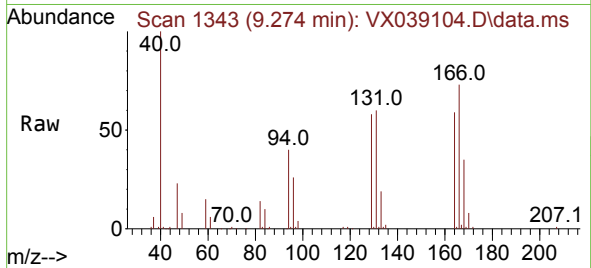




#61
Tetrachloroethene
Concen: 18.864 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

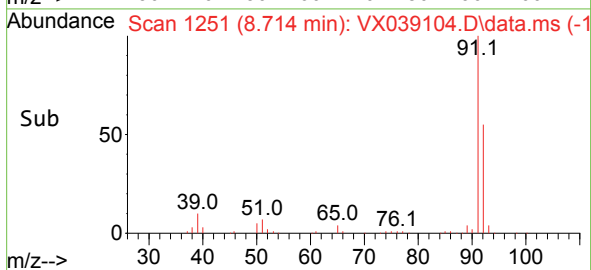
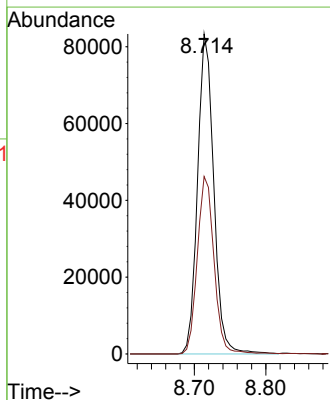
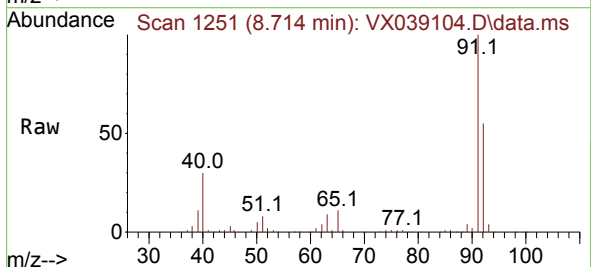
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

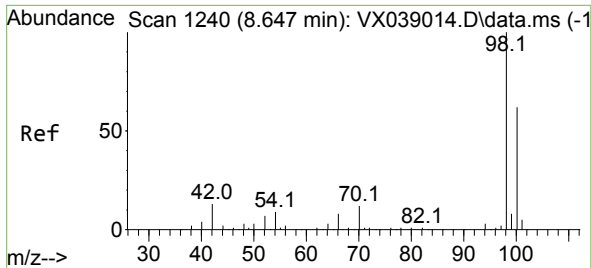
Tgt Ion:164 Resp: 21819
Ion Ratio Lower Upper
164 100
166 123.5 104.0 156.0
129 98.3 82.0 123.0
131 100.2 76.4 114.6



#62
Toluene
Concen: 20.770 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 91 Resp: 131186
Ion Ratio Lower Upper
91 100
92 57.0 45.9 68.9

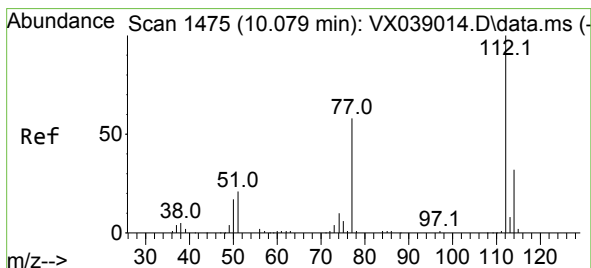
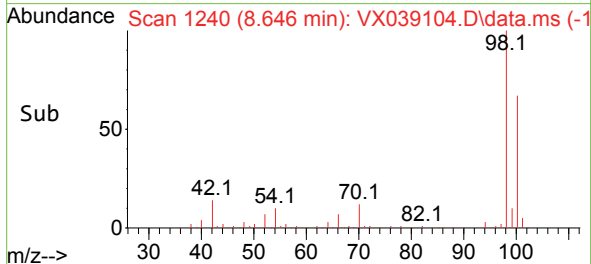
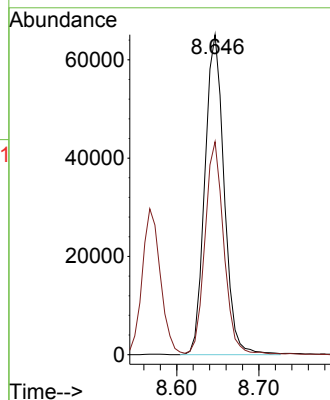
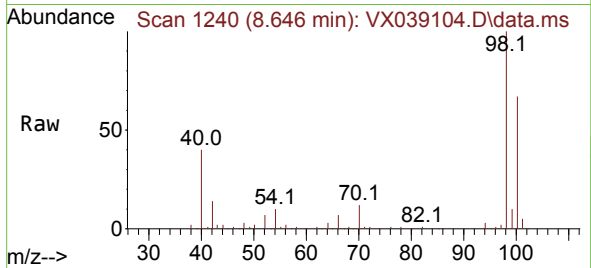




#63
Toluene-d8
Concen: 30.130 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

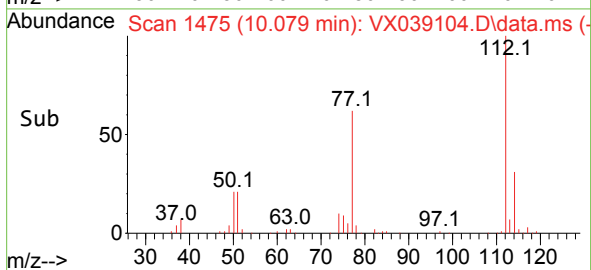
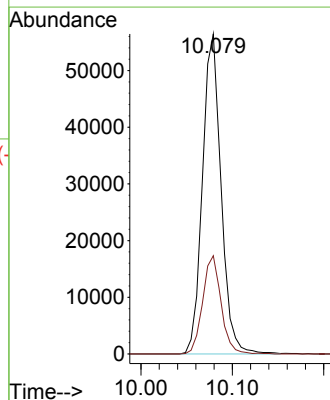
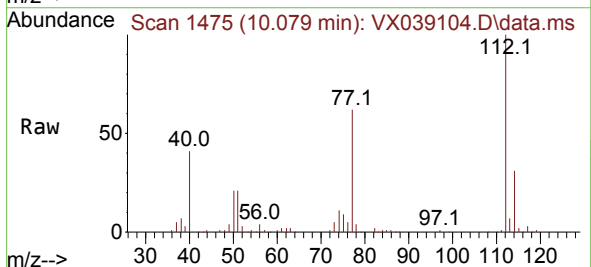
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

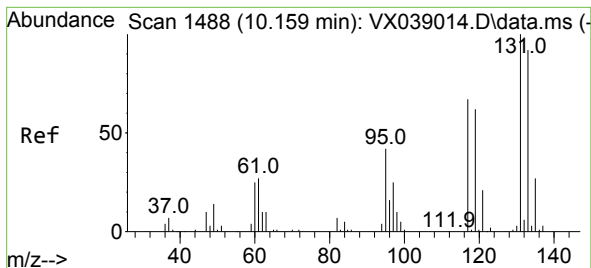
Tgt Ion: 98 Resp: 105978
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4



#64
Chlorobenzene
Concen: 20.773 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 112 Resp: 79811
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9

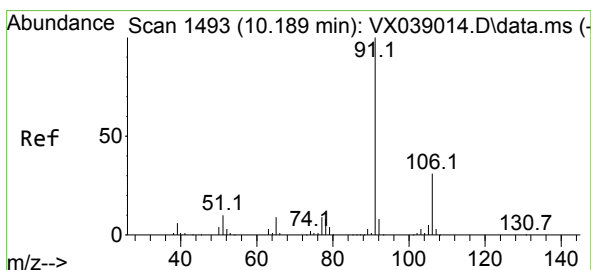
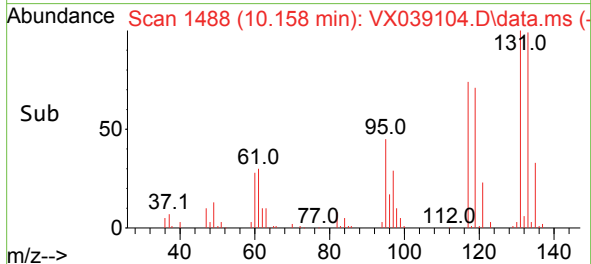
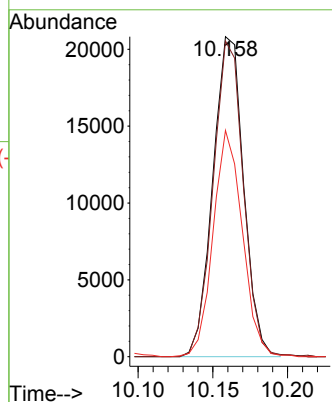
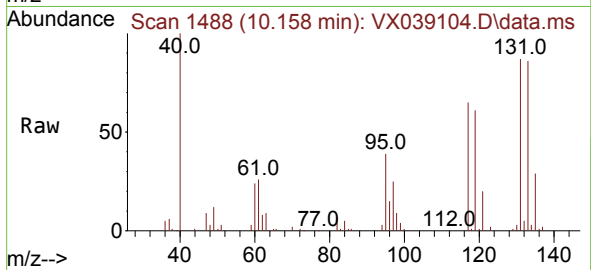




#65
1,1,1,2-Tetrachloroethane
Concen: 21.572 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

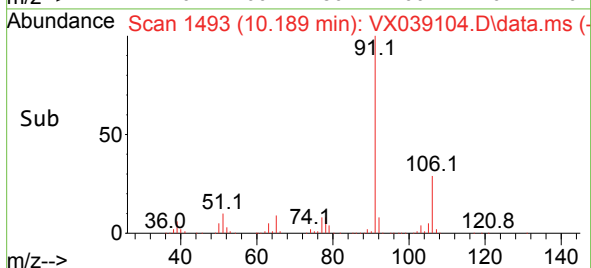
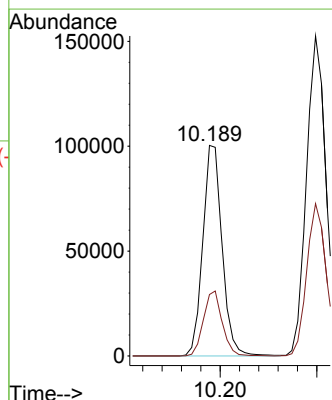
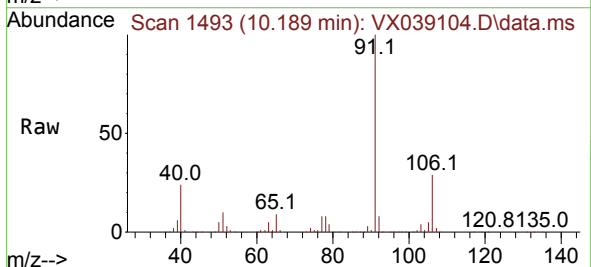
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

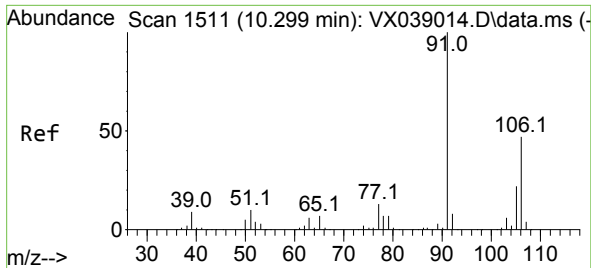
Tgt Ion:131 Resp: 29849
Ion Ratio Lower Upper
131 100
133 96.7 0.0 191.8
119 67.0 0.0 135.4



#66
Ethyl Benzene
Concen: 19.438 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 91 Resp: 139801
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6

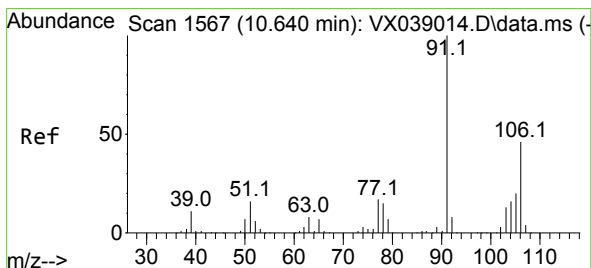
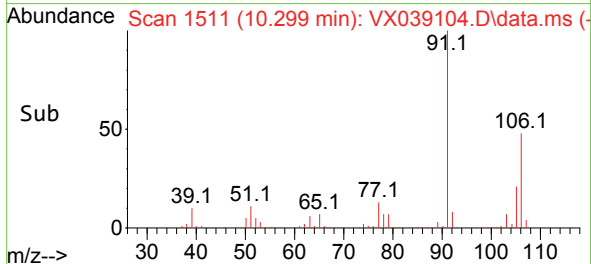
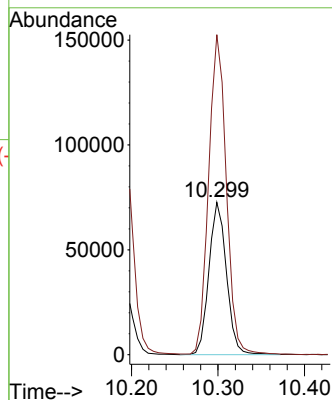
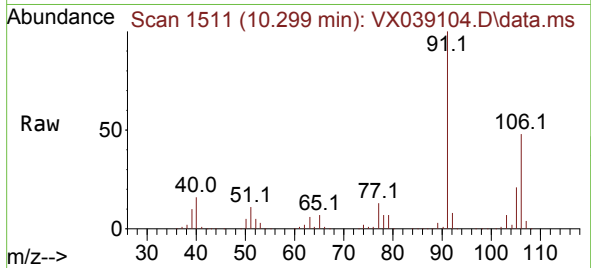




#67
m/p-Xylenes
Concen: 38.522 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

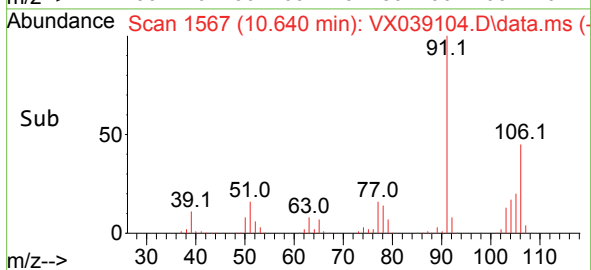
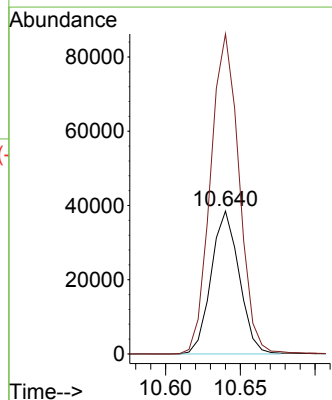
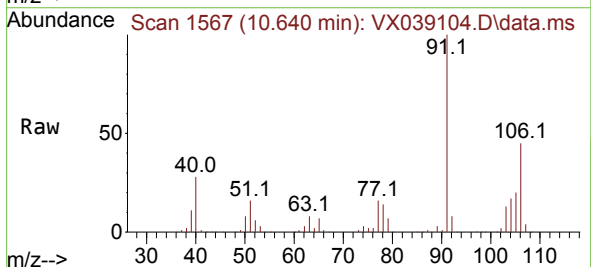
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

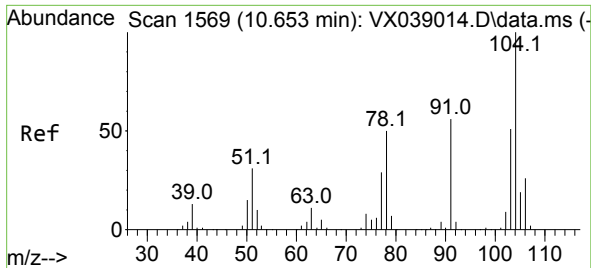
Tgt Ion:106 Resp: 102377
Ion Ratio Lower Upper
106 100
91 211.6 169.4 254.0



#68
o-Xylene
Concen: 19.501 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion:106 Resp: 50203
Ion Ratio Lower Upper
106 100
91 228.7 111.2 333.6

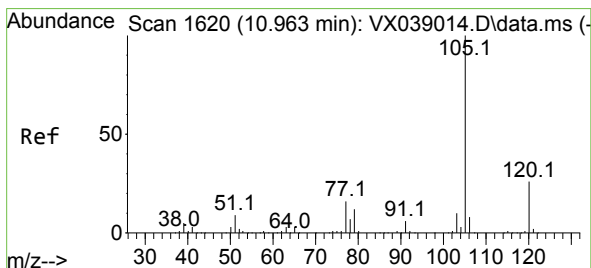
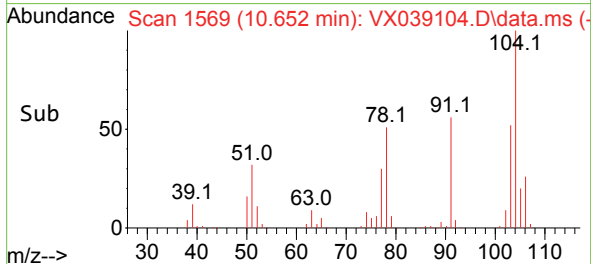
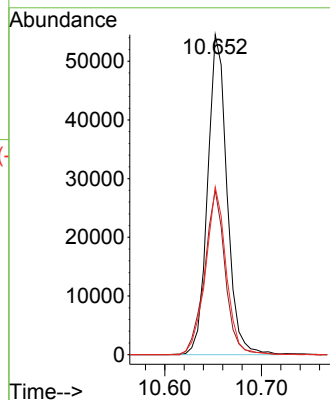
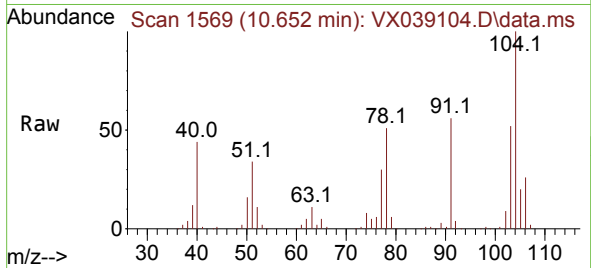




#69
Styrene
Concen: 19.887 ug/l
RT: 10.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

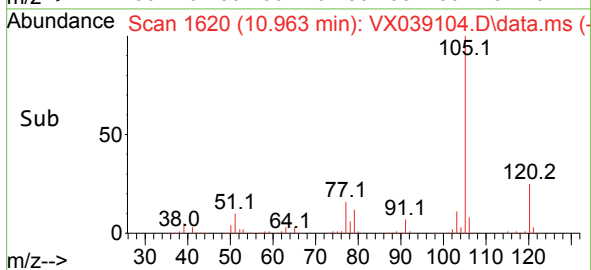
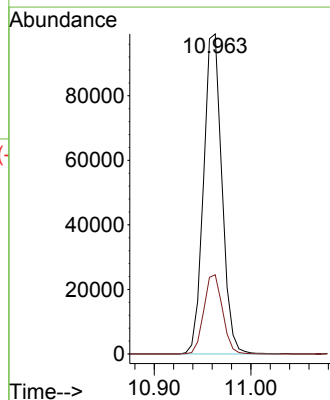
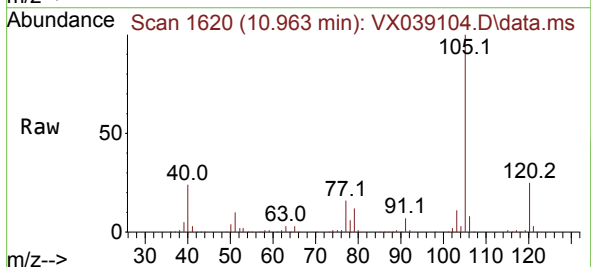
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

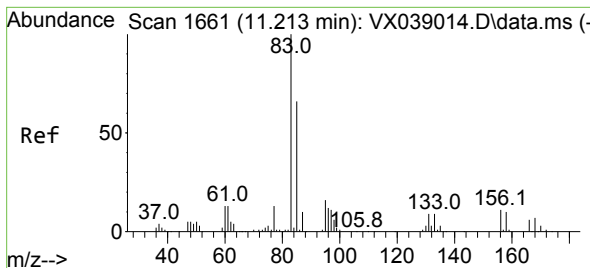
Tgt Ion:104 Resp: 75768
Ion Ratio Lower Upper
104 100
78 54.9 43.7 65.5
103 55.9 44.6 67.0



#70
Isopropylbenzene
Concen: 19.048 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion:105 Resp: 131197
Ion Ratio Lower Upper
105 100
120 25.2 18.5 34.3

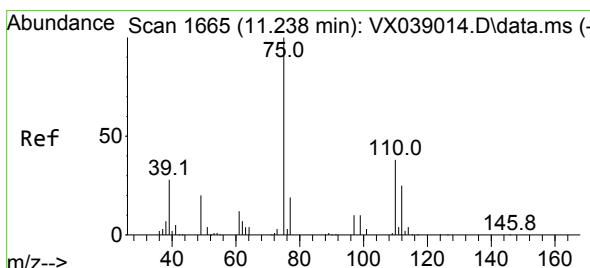
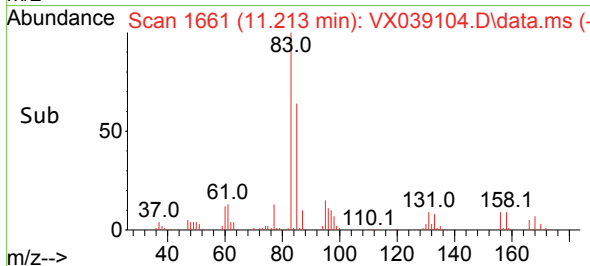
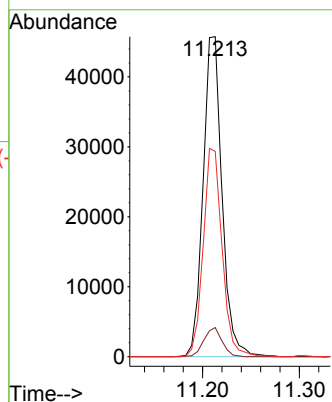
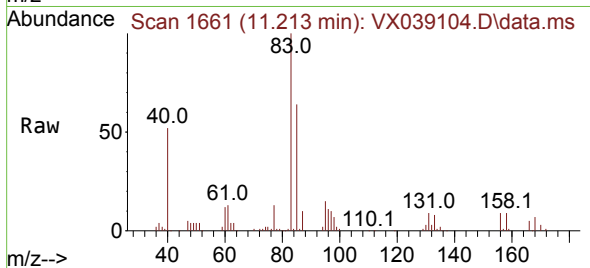




#71
1,1,2,2-Tetrachloroethane
Concen: 24.356 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

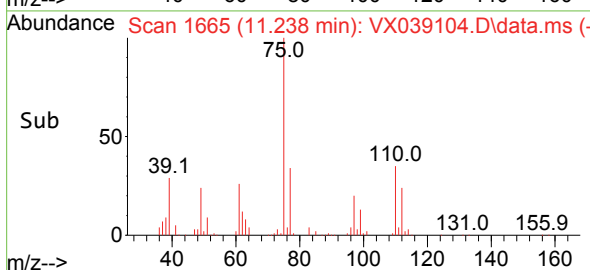
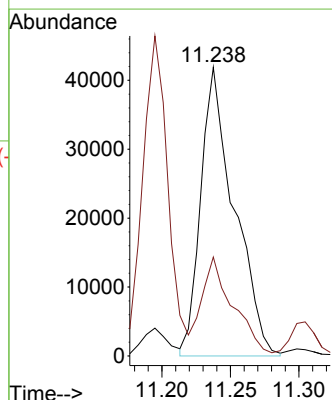
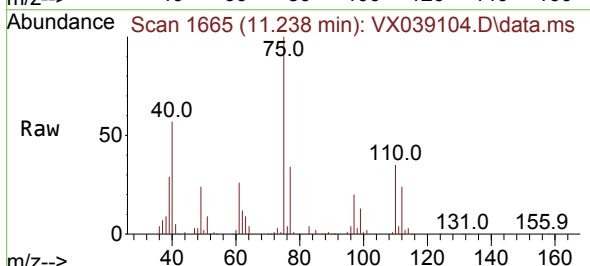
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

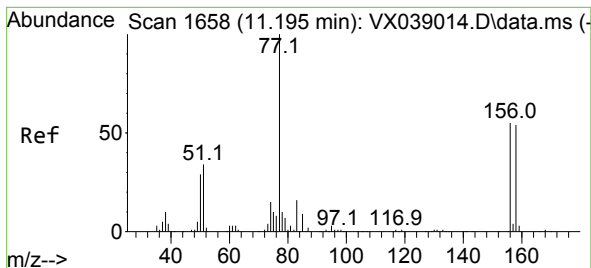
Tgt Ion: 83 Resp: 62628
Ion Ratio Lower Upper
83 100
131 8.7 4.6 13.8
85 64.7 32.5 97.4



#72
1,2,3-Trichloropropane
Concen: 32.788 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 75 Resp: 71340
Ion Ratio Lower Upper
75 100
77 32.4 0.0 76.4





#73

Bromobenzene

Concen: 19.701 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

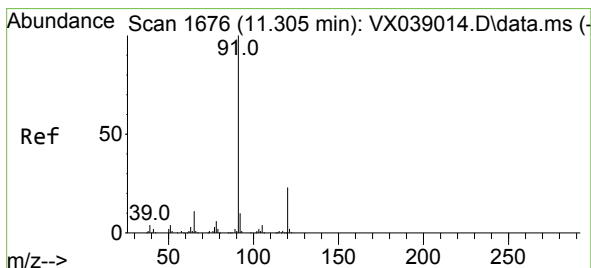
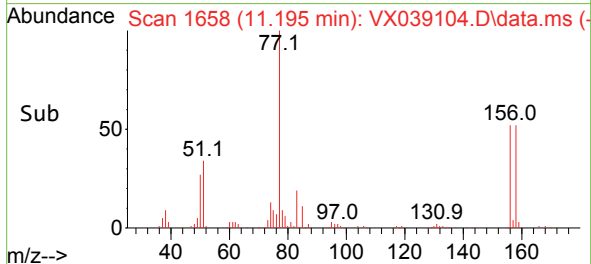
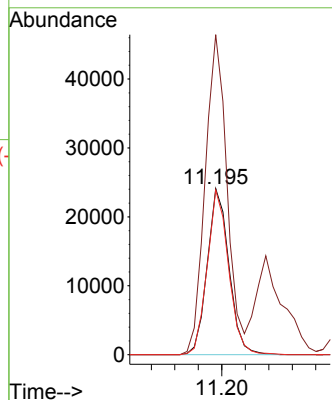
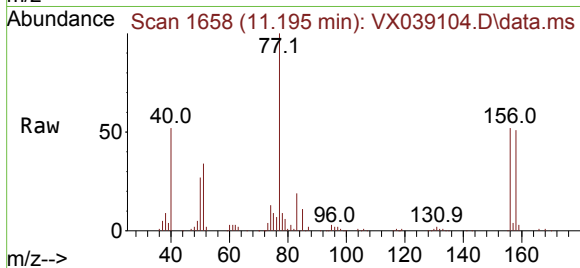
Tgt Ion:156 Resp: 30894

Ion Ratio Lower Upper

156 100

77 193.5 0.0 363.2

158 97.8 0.0 197.8



#74

n-propylbenzene

Concen: 18.664 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039104.D

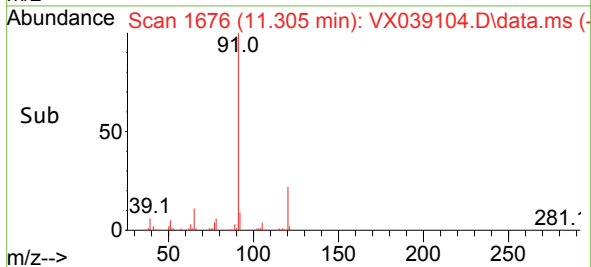
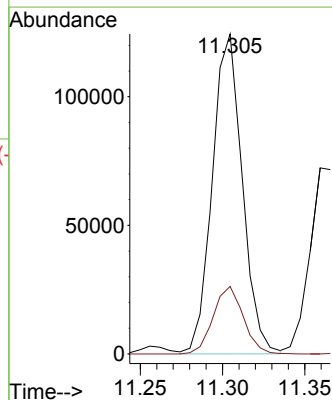
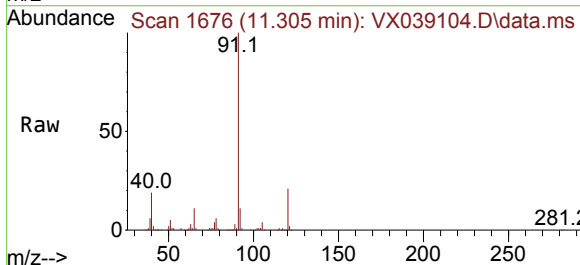
Acq: 08 Dec 2023 14:44

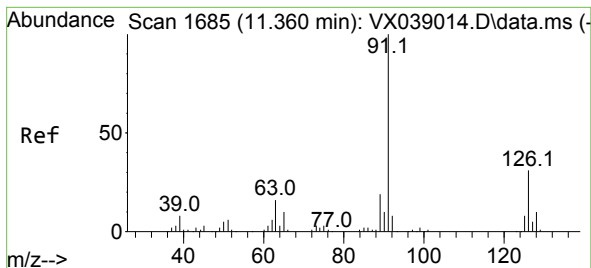
Tgt Ion: 91 Resp: 157508

Ion Ratio Lower Upper

91 100

120 21.2 0.0 43.4

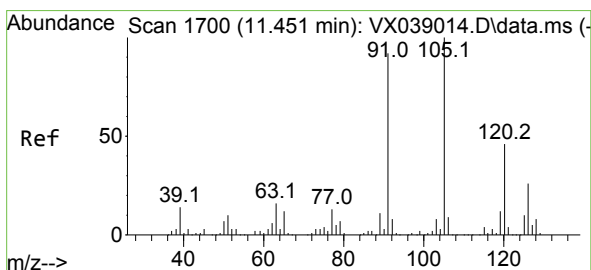
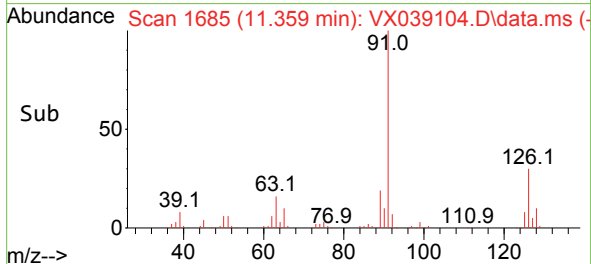
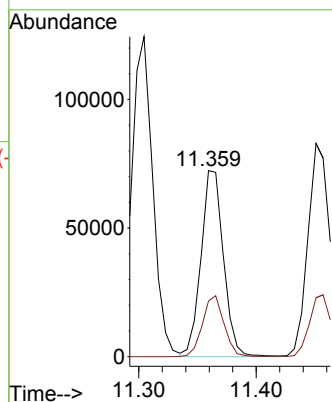
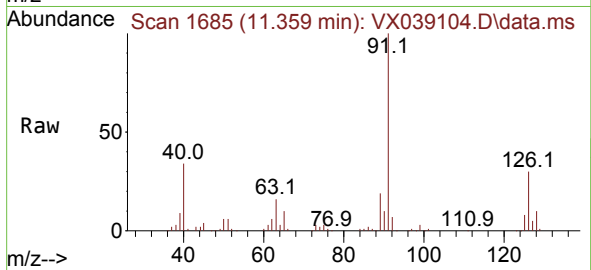




#75
2-Chlorotoluene
Concen: 19.486 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

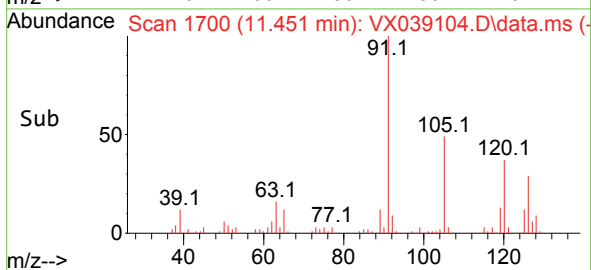
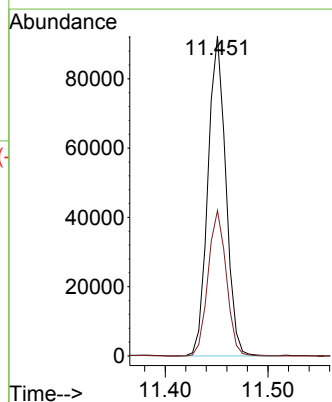
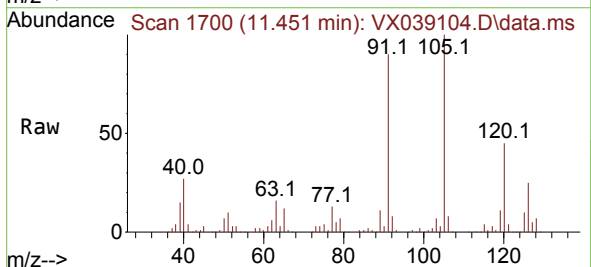
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

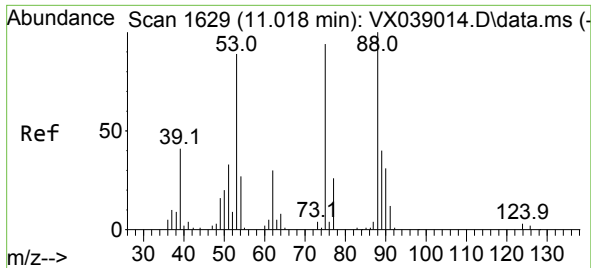
Tgt Ion: 91 Resp: 96477
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 18.847 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 105 Resp: 111838
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.6

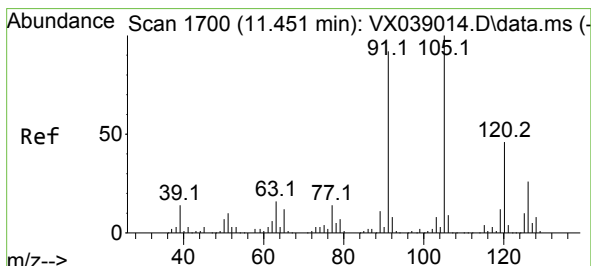
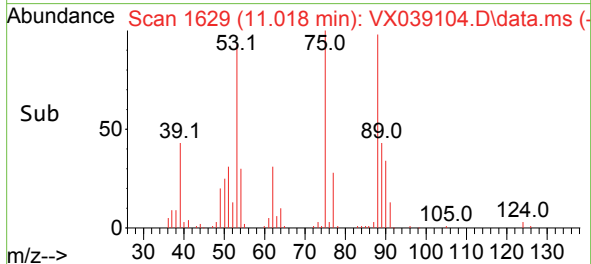
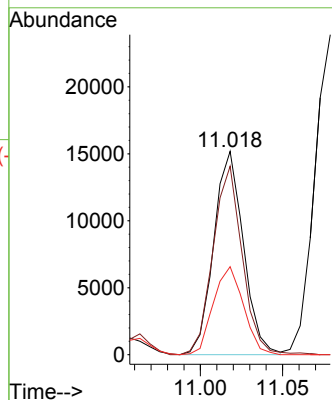
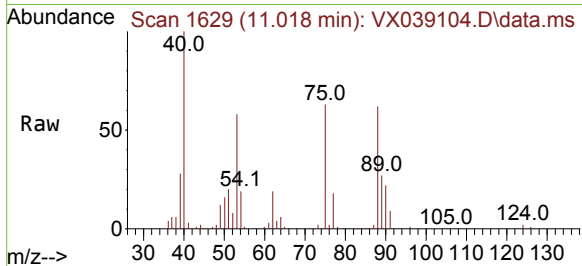




#77
t-1,4-Dichloro-2-butene
Concen: 22.129 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

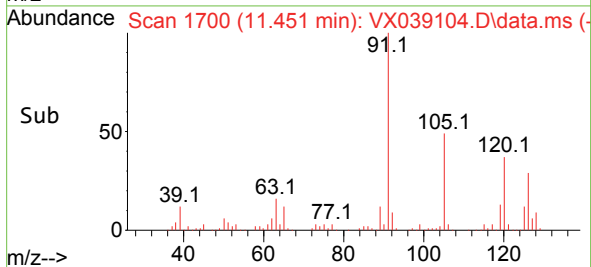
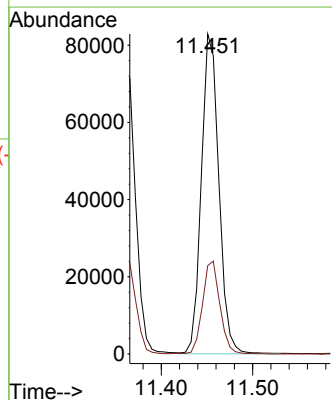
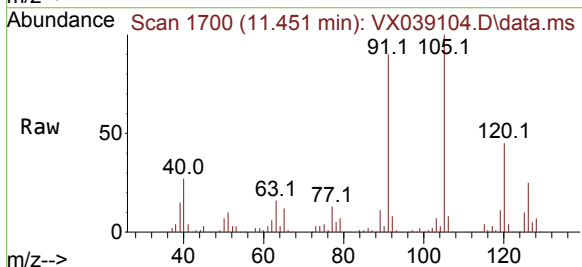
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

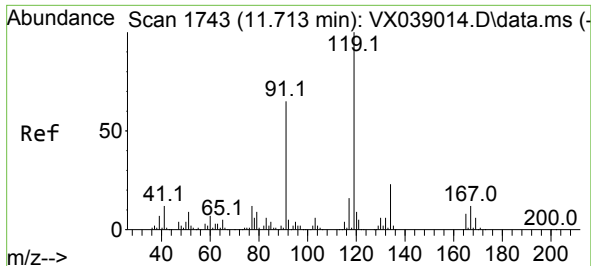
Tgt Ion: 75 Resp: 19079
Ion Ratio Lower Upper
75 100
53 92.7 46.9 140.8
89 43.3 21.3 63.7



#78
4-Chlorotoluene
Concen: 18.902 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 91 Resp: 110029
Ion Ratio Lower Upper
91 100
126 28.7 0.0 57.4

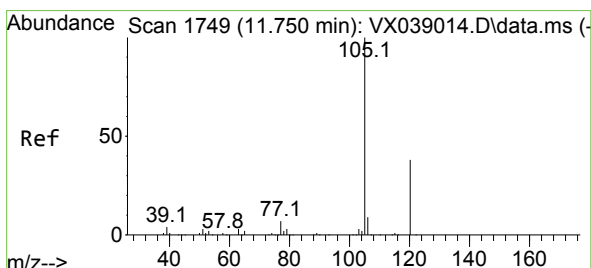
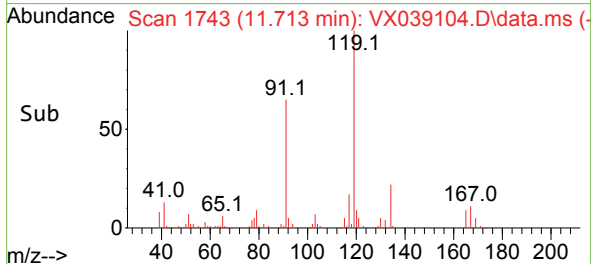
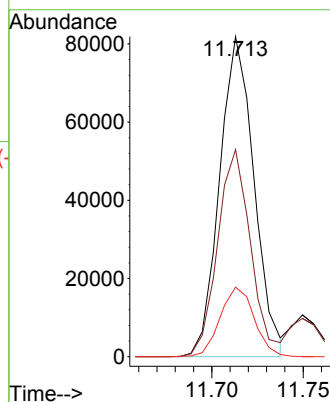
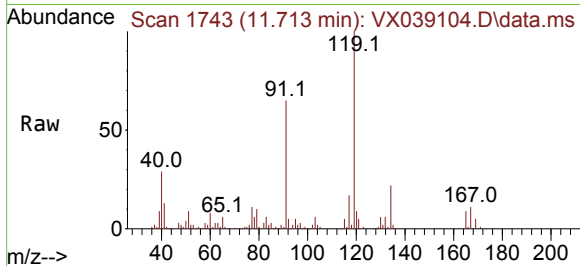




#79
tert-butylbenzene
Concen: 19.035 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

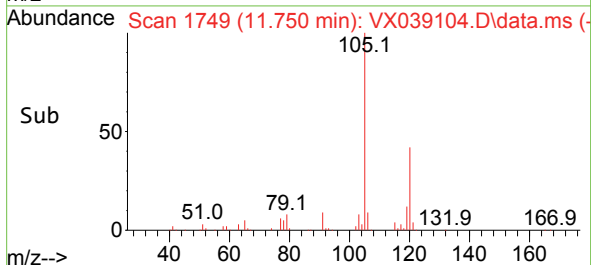
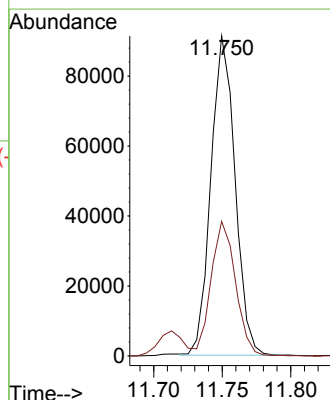
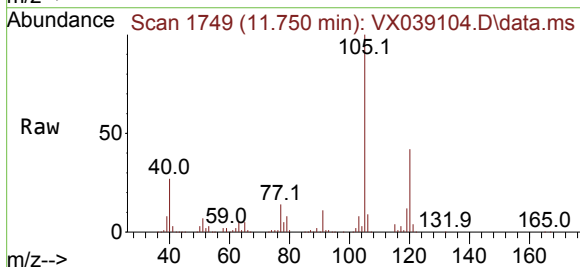
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

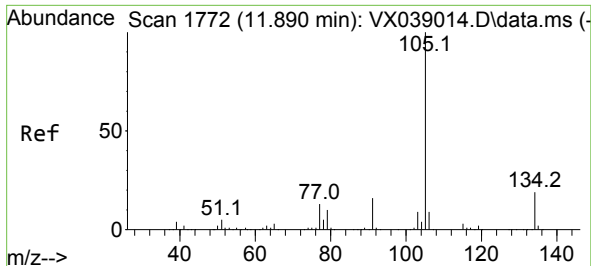
Tgt Ion:119 Resp: 107405
Ion Ratio Lower Upper
119 100
91 62.1 0.0 125.6
134 21.5 0.0 43.8



#80
1,2,4-Trimethylbenzene
Concen: 18.781 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion:105 Resp: 111535
Ion Ratio Lower Upper
105 100
120 42.1 0.0 86.4

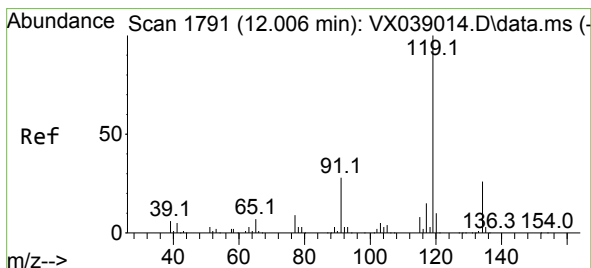
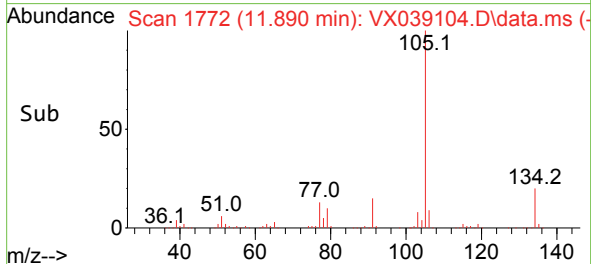
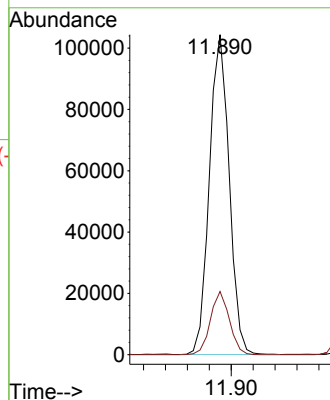
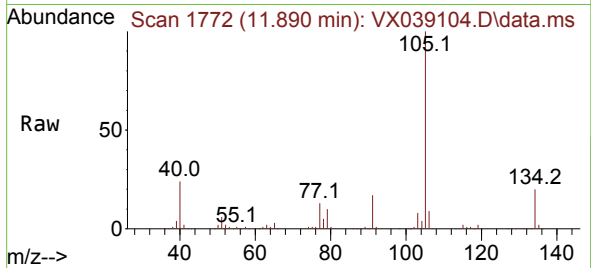




#81
 sec-Butylbenzene
 Concen: 18.315 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039104.D
 Acq: 08 Dec 2023 14:44

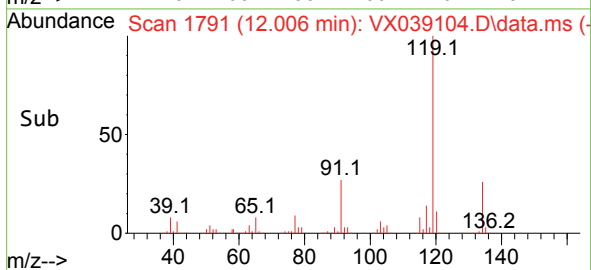
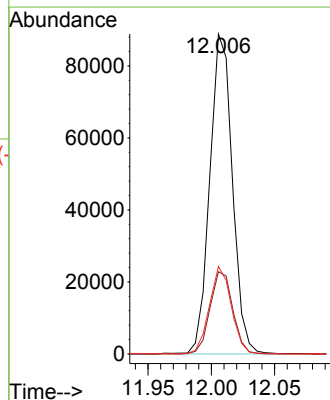
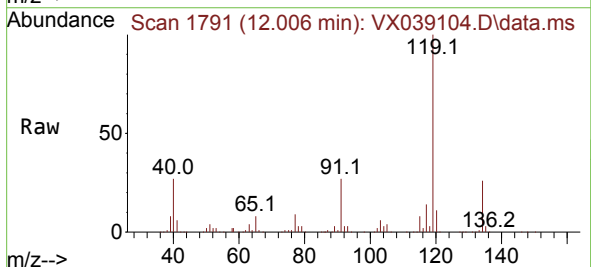
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

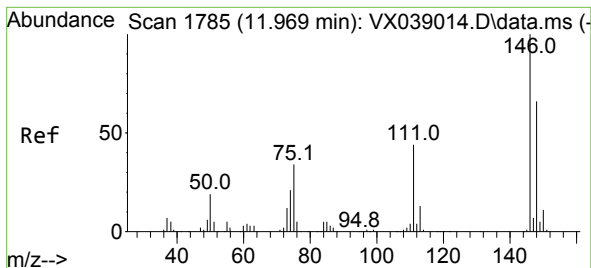
Tgt Ion:105 Resp: 130642
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.247 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039104.D
 Acq: 08 Dec 2023 14:44

Tgt Ion:119 Resp: 110312
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 26.6 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.477 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

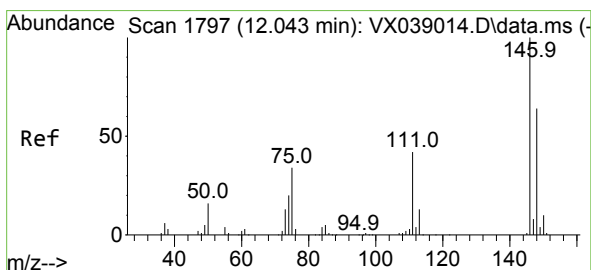
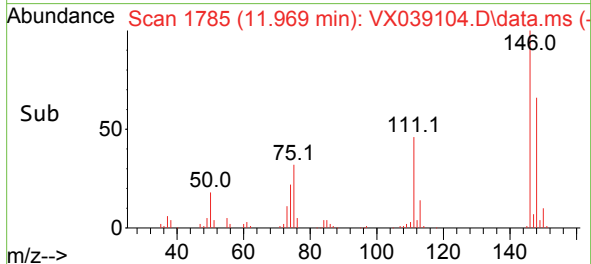
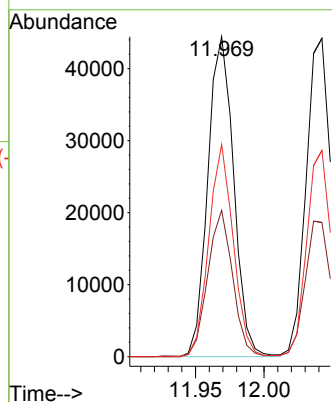
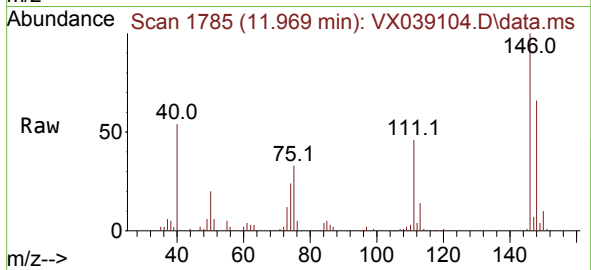
Tgt Ion:146 Resp: 58453

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.9

148 62.6 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 18.572 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

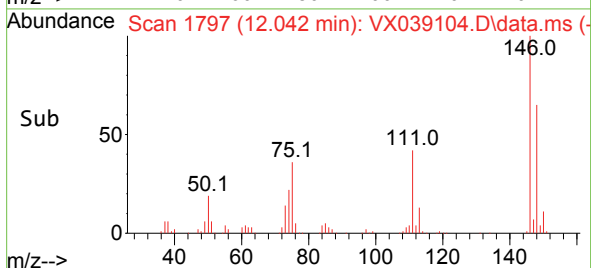
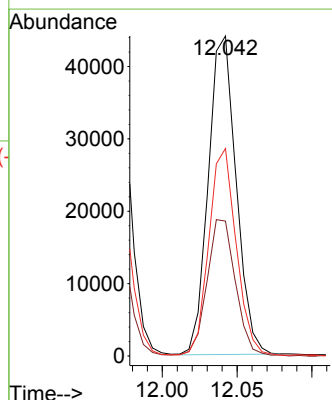
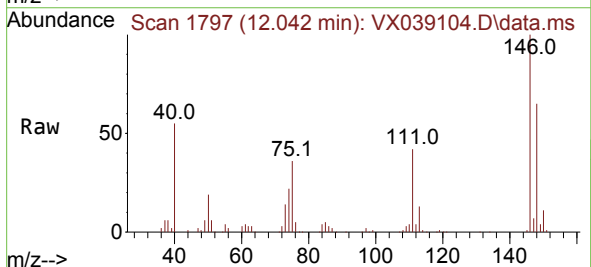
Tgt Ion:146 Resp: 57188

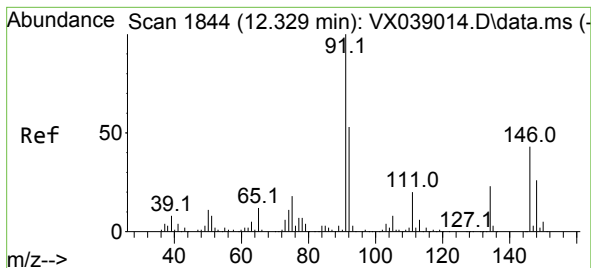
Ion Ratio Lower Upper

146 100

111 43.8 21.4 64.2

148 64.4 31.8 95.4





#85

n-Butylbenzene

Concen: 18.093 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

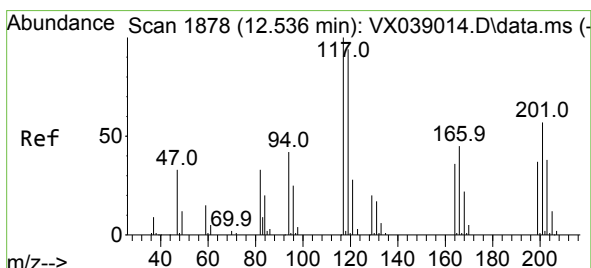
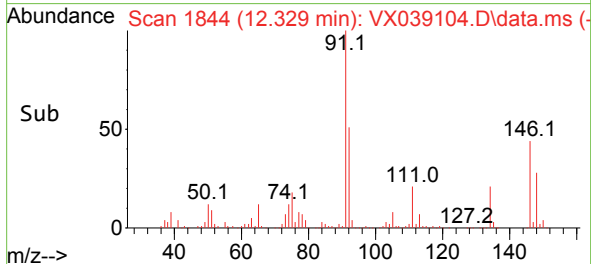
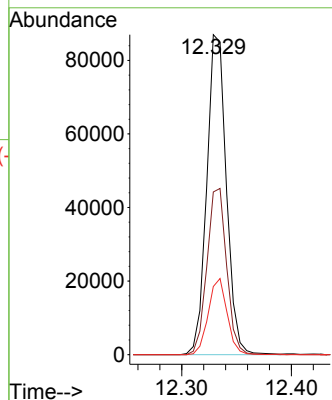
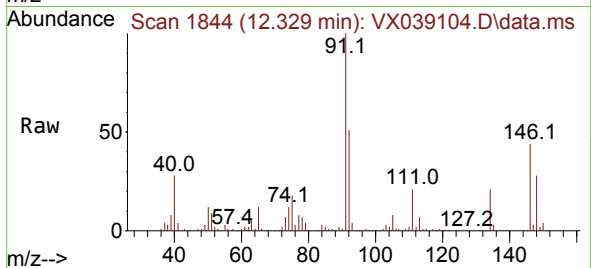
Tgt Ion: 91 Resp: 108013

Ion Ratio Lower Upper

91 100

92 52.1 0.0 106.2

134 22.9 0.0 48.8



#86

Hexachloroethane

Concen: 17.345 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039104.D

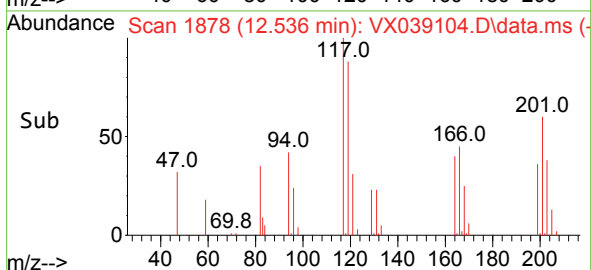
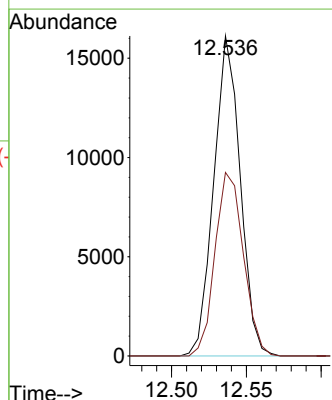
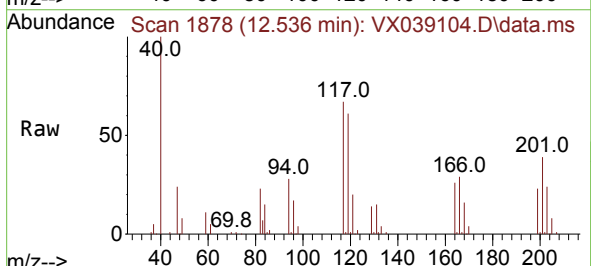
Acq: 08 Dec 2023 14:44

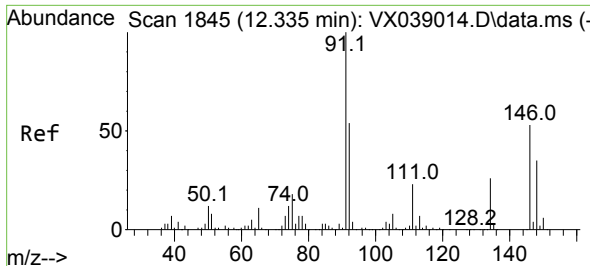
Tgt Ion: 117 Resp: 19868

Ion Ratio Lower Upper

117 100

201 61.5 31.8 95.3

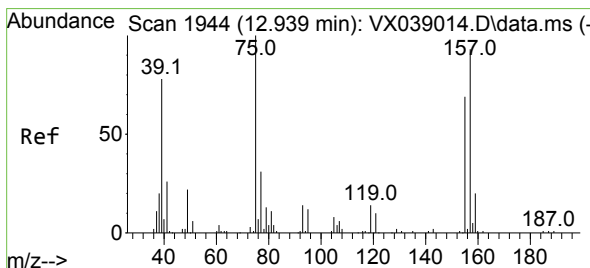
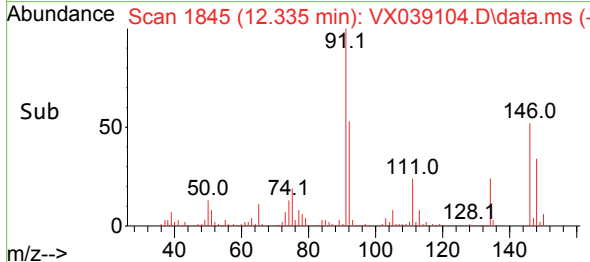
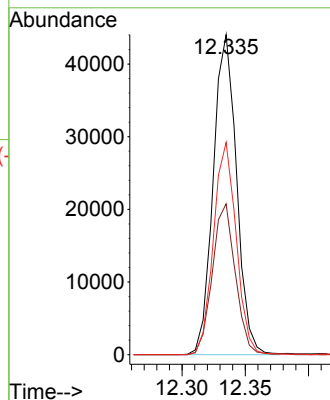
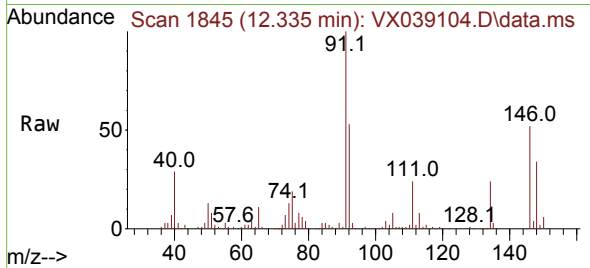




#87
1,2-Dichlorobenzene
Concen: 19.581 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

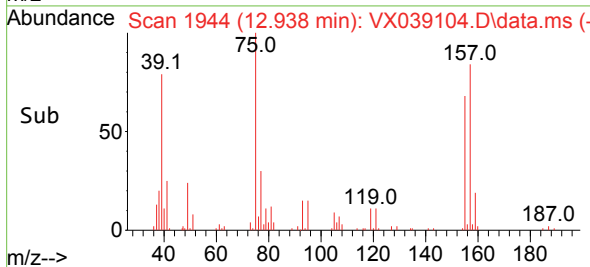
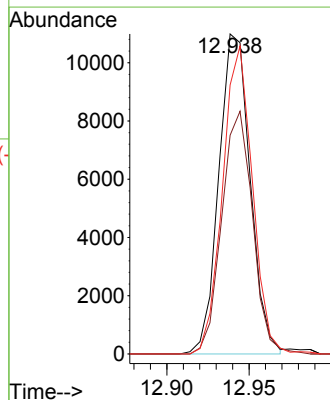
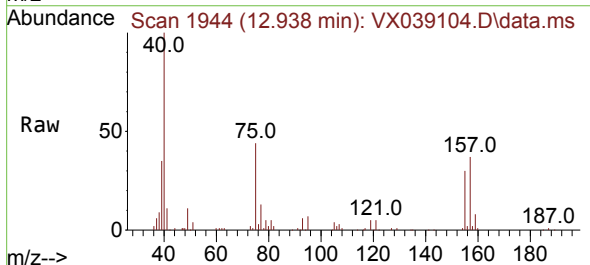
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

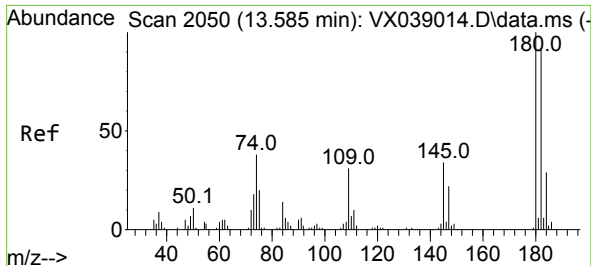
Tgt Ion:146 Resp: 56508
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.2
148 64.7 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.150 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion: 75 Resp: 14566
Ion Ratio Lower Upper
75 100
155 74.7 58.2 87.4
157 91.3 76.5 114.7

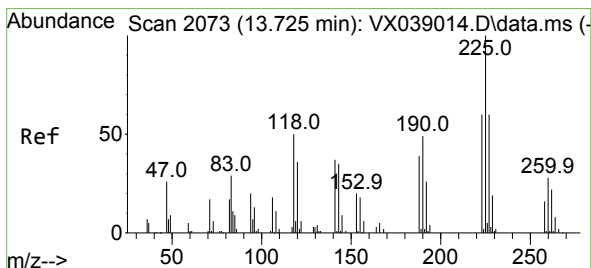
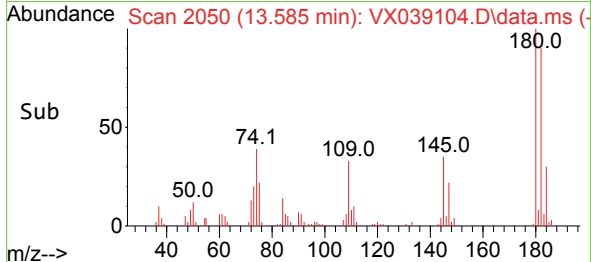
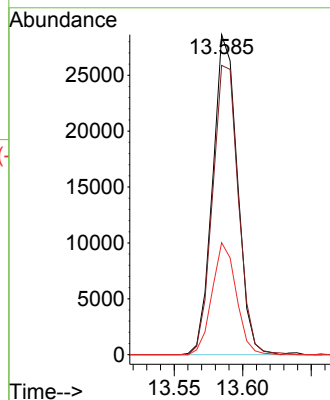
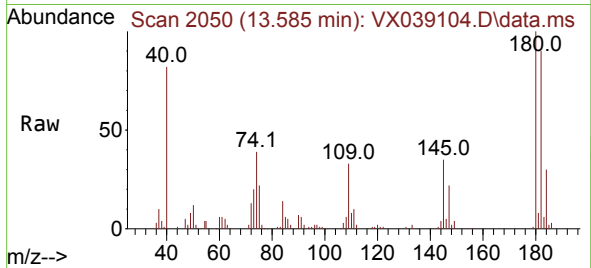




#89
1,2,4-Trichlorobenzene
Concen: 18.726 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

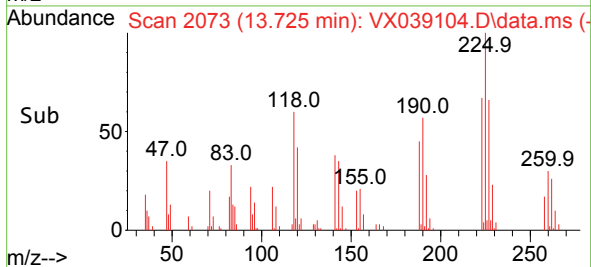
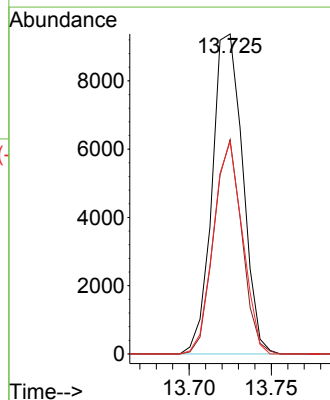
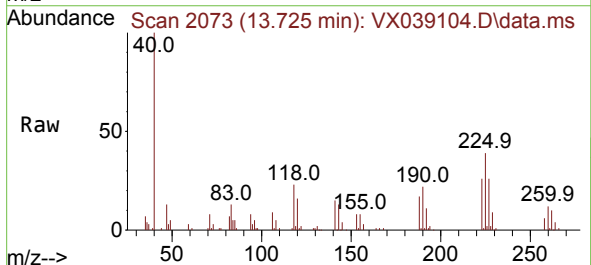
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

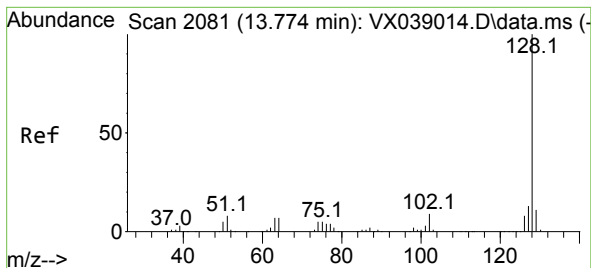
Tgt Ion:180 Resp: 35829
Ion Ratio Lower Upper
180 100
182 94.5 74.5 111.7
145 34.2 26.6 40.0



#90
Hexachlorobutadiene
Concen: 17.768 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039104.D
Acq: 08 Dec 2023 14:44

Tgt Ion:225 Resp: 12139
Ion Ratio Lower Upper
225 100
223 61.4 0.0 124.4
227 62.9 0.0 124.4





#91

Naphthalene

Concen: 20.325 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

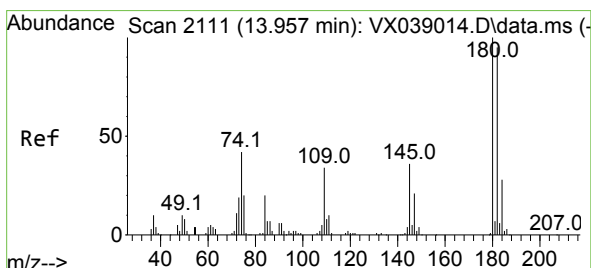
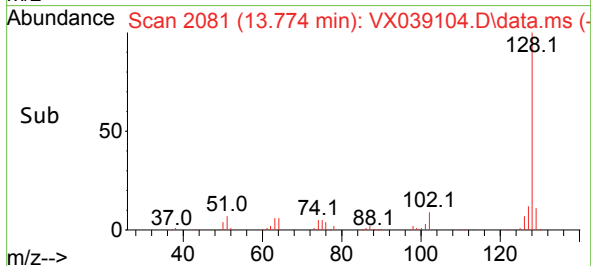
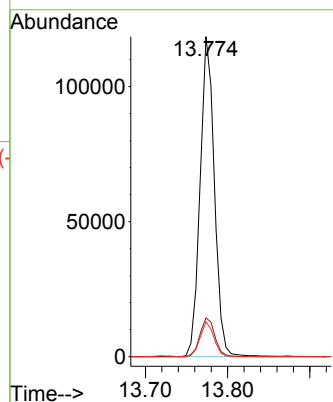
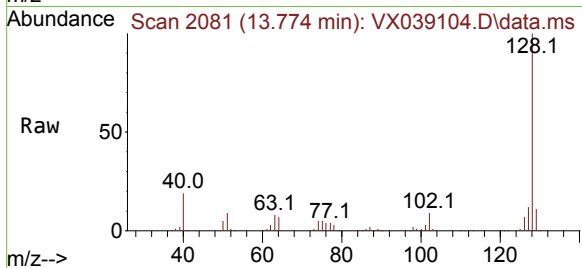
Tgt Ion:128 Resp: 143420

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.6 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 19.100 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039104.D

Acq: 08 Dec 2023 14:44

Tgt Ion:180 Resp: 35397

Ion Ratio Lower Upper

180 100

182 96.0 0.0 191.6

145 36.5 0.0 69.6

