

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037285.D
 Acq On : 28 Aug 2023 11:12
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 29 00:54:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	159075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134646	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106992	46.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.300%
35) Dibromofluoromethane	5.385	113	92342	52.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.000%
50) Toluene-d8	8.647	98	328027	51.415	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.820%
62) 4-Bromofluorobenzene	11.079	95	136574	54.471	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104599	56.606	ug/l	100
3) Chloromethane	1.300	50	94917	58.714	ug/l	96
4) Vinyl Chloride	1.374	62	99514	56.553	ug/l	98
5) Bromomethane	1.599	94	55431	63.240	ug/l	98
6) Chloroethane	1.678	64	61609	59.498	ug/l	100
7) Trichlorofluoromethane	1.880	101	153382	53.212	ug/l	99
8) Diethyl Ether	2.129	74	57473	51.537	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	90394	53.756	ug/l	97
10) Methyl Iodide	2.446	142	110632	54.132	ug/l	93
11) Tert butyl alcohol	2.959	59	119941	222.952	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	85457	52.187	ug/l	83
13) Acrolein	2.233	56	85311	208.454	ug/l	98
14) Allyl chloride	2.660	41	129451	51.074	ug/l #	89
15) Acrylonitrile	3.062	53	241155	251.150	ug/l	97
16) Acetone	2.379	43	270808	301.843	ug/l #	86
17) Carbon Disulfide	2.507	76	214927	51.600	ug/l	99
18) Methyl Acetate	2.703	43	158392	46.888	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	304964	49.105	ug/l	95
20) Methylene Chloride	2.788	84	97717	48.703	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	93046	49.985	ug/l	88
22) Diisopropyl ether	3.757	45	259289	49.853	ug/l #	84
23) Vinyl Acetate	3.715	43	990043	248.403	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	163608	50.163	ug/l	97
25) 2-Butanone	4.550	43	352675	261.069	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	155971	53.547	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	109714	49.995	ug/l	90
28) Bromochloromethane	4.897	49	69060	47.399	ug/l #	72
29) Tetrahydrofuran	5.001	42	198961	230.947	ug/l #	82
30) Chloroform	5.086	83	179733	49.090	ug/l	98
31) Cyclohexane	5.470	56	143128	55.504	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	165776	50.527	ug/l	96
36) 1,1-Dichloropropene	5.690	75	132091	52.861	ug/l	97
37) Ethyl Acetate	4.708	43	123607	48.424	ug/l #	93
38) Carbon Tetrachloride	5.672	117	147750	54.431	ug/l	98
39) Methylcyclohexane	7.379	83	170126	64.800	ug/l	91
40) Benzene	6.031	78	382618	53.388	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	64595	48.678	ug/l #	85
42) 1,2-Dichloroethane	6.080	62	137357	48.873	ug/l	93
43) Isopropyl Acetate	6.336	43	202838	50.052	ug/l #	91
44) Trichloroethene	7.122	130	105312	51.823	ug/l	96
45) 1,2-Dichloropropane	7.427	63	93890	53.132	ug/l	100
46) Dibromomethane	7.580	93	71863	51.623	ug/l	94
47) Bromodichloromethane	7.817	83	141386	53.026	ug/l	99
48) Methyl methacrylate	7.689	41	98983	50.084	ug/l #	83
49) 1,4-Dioxane	7.659	88	55182	1036.740	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	614602	249.755	ug/l	89
52) Toluene	8.714	92	254452	53.736	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	157005	55.302	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	169175	55.142	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	103622	53.742	ug/l	97
56) Ethyl methacrylate	9.116	69	161760	53.560	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	171492	52.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	376213	259.572	ug/l	93
59) 2-Hexanone	9.427	43	511573	272.647	ug/l	86
60) Dibromochloromethane	9.518	129	114661	55.853	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111897	53.005	ug/l	100
64) Tetrachloroethene	9.275	164	85343	46.901	ug/l	98
65) Chlorobenzene	10.079	112	276003	52.354	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	104025	53.463	ug/l	98
67) Ethyl Benzene	10.195	91	492688	53.111	ug/l	99
68) m/p-Xylenes	10.299	106	386905	108.003	ug/l	97
69) o-Xylene	10.640	106	190743	53.968	ug/l	98
70) Styrene	10.652	104	321609	55.240	ug/l	97
71) Bromoform	10.799	173	85061	58.444	ug/l #	99
73) Isopropylbenzene	10.963	105	504004	51.499	ug/l	99
74) N-amyl acetate	10.841	43	184801	48.597	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.207	83	165911	50.338	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	187381	65.346	ug/l	90
77) Bromobenzene	11.195	156	118419	49.544	ug/l	93
78) n-propylbenzene	11.305	91	581597	53.369	ug/l	99
79) 2-Chlorotoluene	11.366	91	355521	51.051	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	436364	53.450	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55120	53.689	ug/l #	84
82) 4-Chlorotoluene	11.451	91	408900	50.865	ug/l	98
83) tert-Butylbenzene	11.713	119	438891	56.370	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	441723	53.537	ug/l	98
85) sec-Butylbenzene	11.890	105	545698	60.005	ug/l	99
86) p-Isopropyltoluene	12.006	119	465708	59.487	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	235775	52.688	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	236827	51.224	ug/l	99
89) n-Butylbenzene	12.329	91	404579	62.333	ug/l	99
90) Hexachloroethane	12.536	117	83817	64.145	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	236042	53.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38814	50.682	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	148294	57.838	ug/l	97
94) Hexachlorobutadiene	13.725	225	64793	65.413	ug/l	99
95) Naphthalene	13.774	128	504366	44.908	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	145978	57.306	ug/l	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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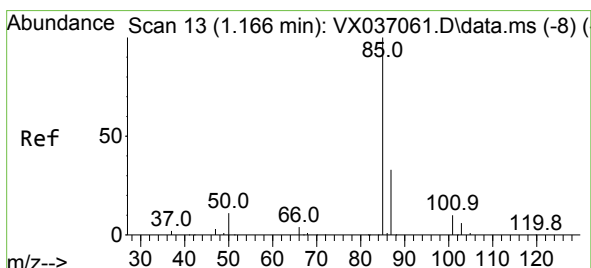
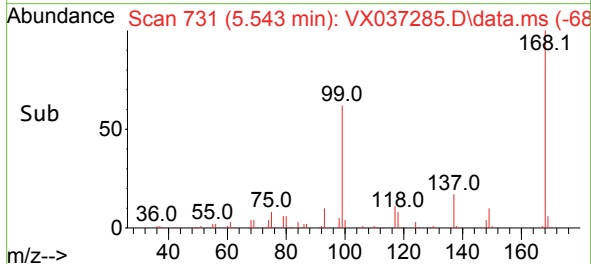
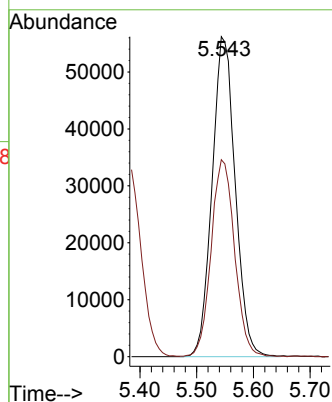
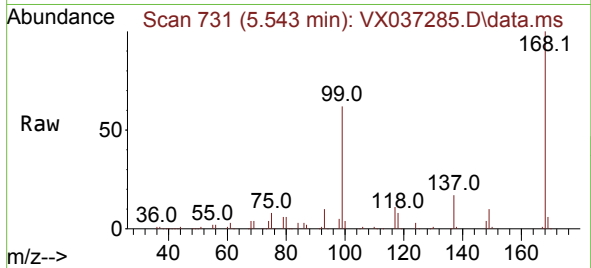
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

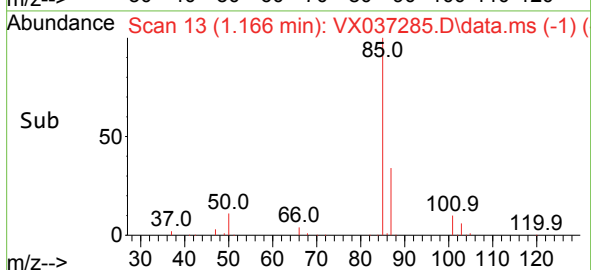
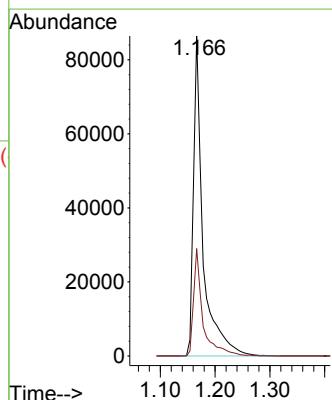
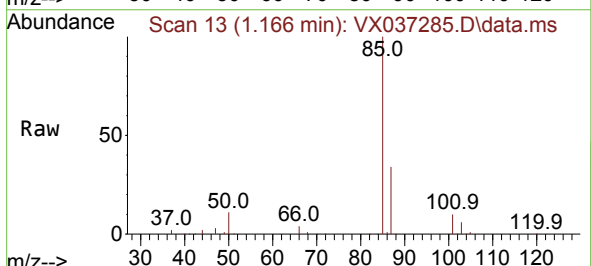
Instrument :
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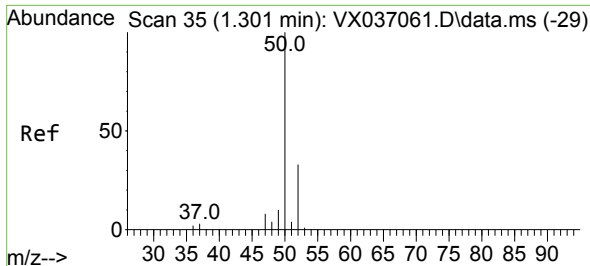
Tgt Ion:168 Resp: 159075
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 56.606 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 85 Resp: 104599
Ion Ratio Lower Upper
85 100
87 33.5 16.7 50.1

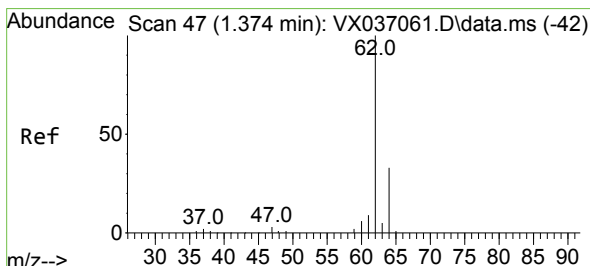
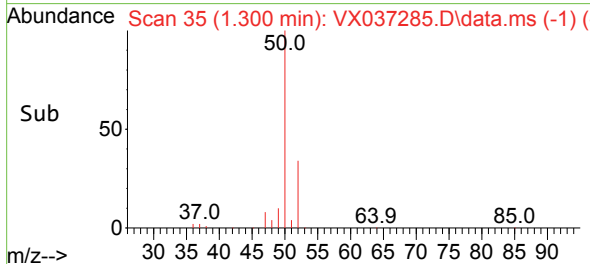
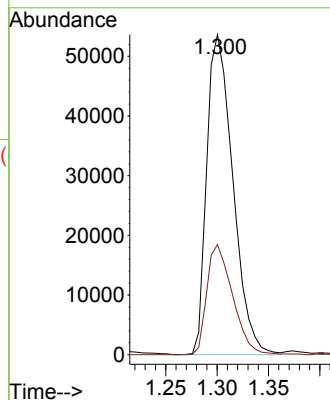
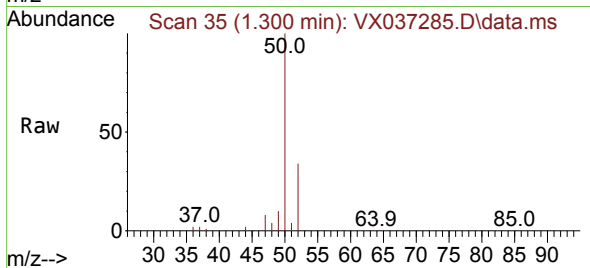




#3
Chloromethane
Concen: 58.714 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

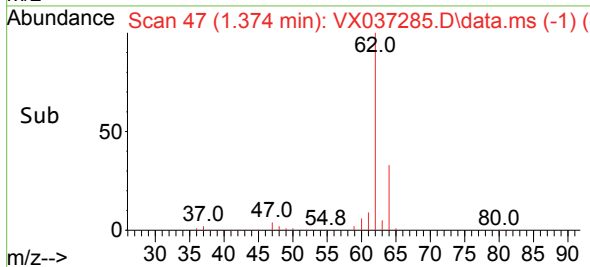
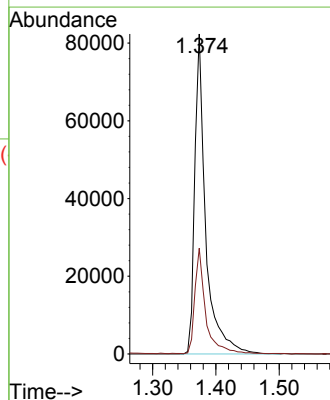
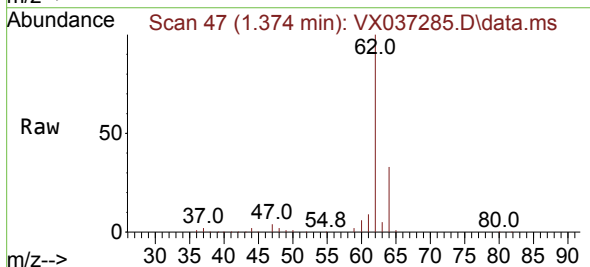
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 94917
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3



#4
Vinyl Chloride
Concen: 56.553 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 62 Resp: 99514
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0

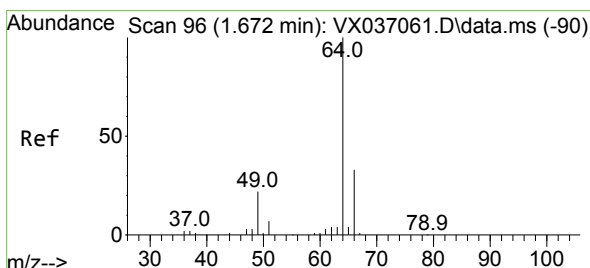
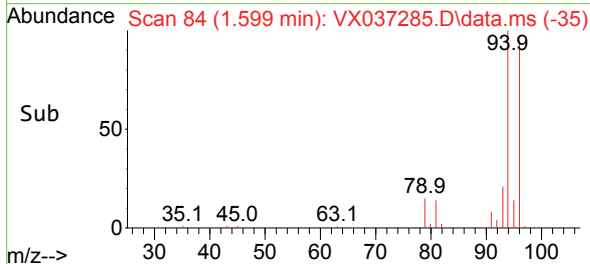
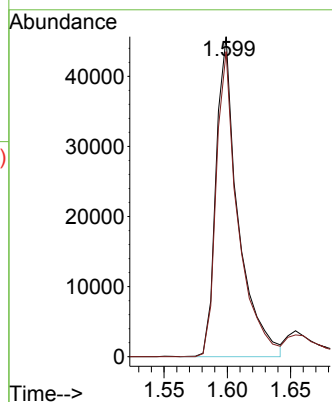
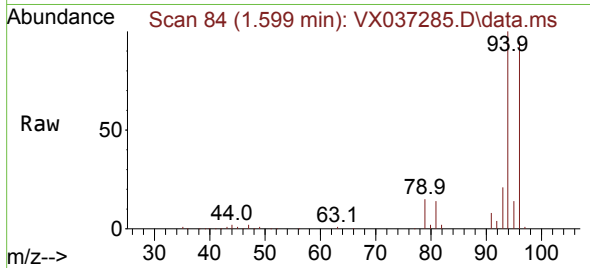




#5
Bromomethane
Concen: 63.240 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

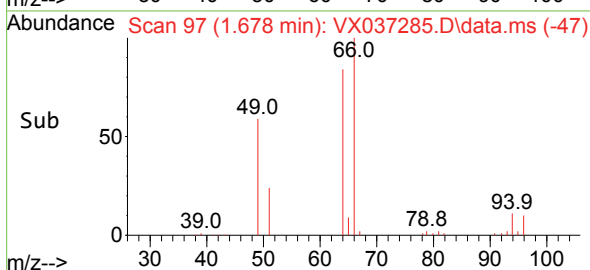
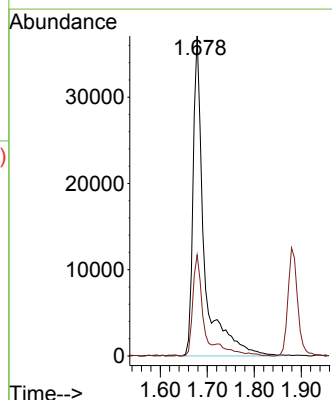
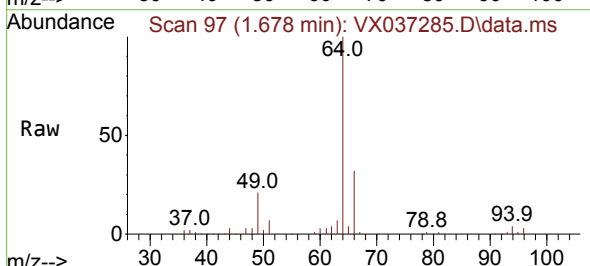
Instrument :
MSVOA_X
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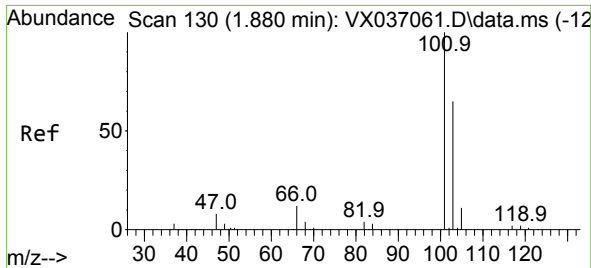
Tgt Ion: 94 Resp: 55431
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8



#6
Chloroethane
Concen: 59.498 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 64 Resp: 61609
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7

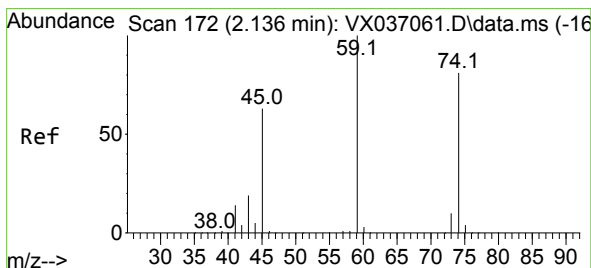
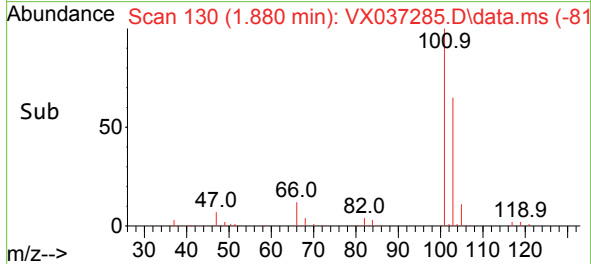
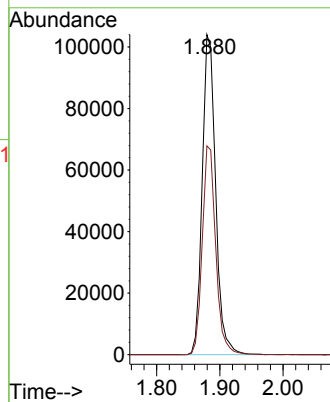
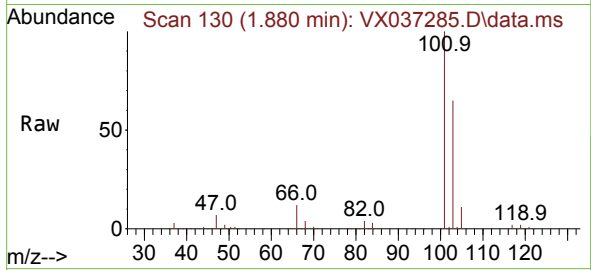




#7
 Trichlorofluoromethane
 Concen: 53.212 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037285.D
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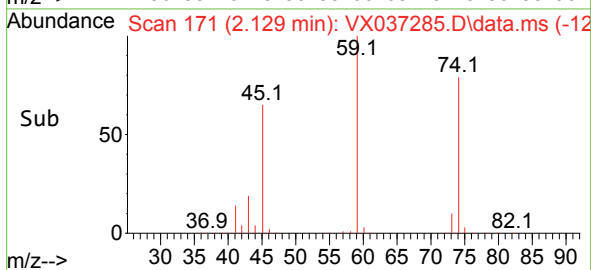
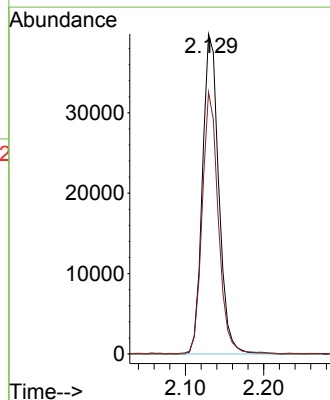
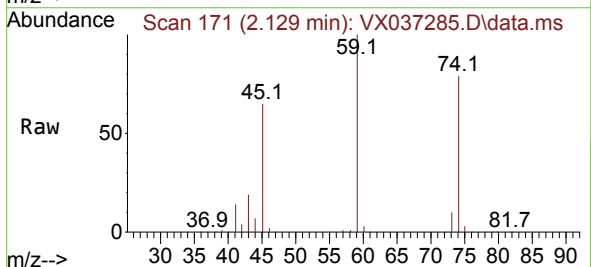
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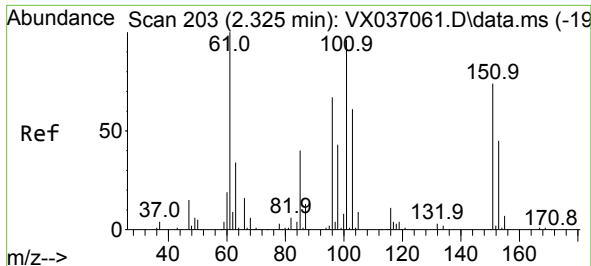
Tgt Ion:101 Resp: 153382
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.537 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 74 Resp: 57473
 Ion Ratio Lower Upper
 74 100
 45 81.3 53.3 159.8

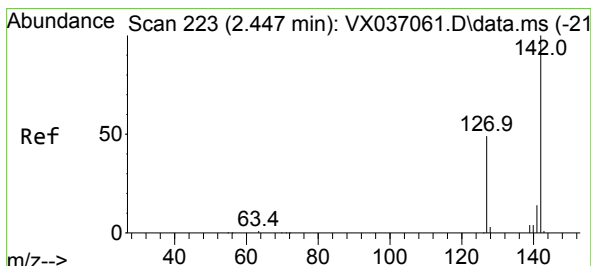
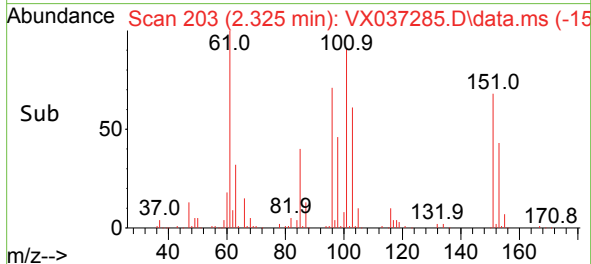
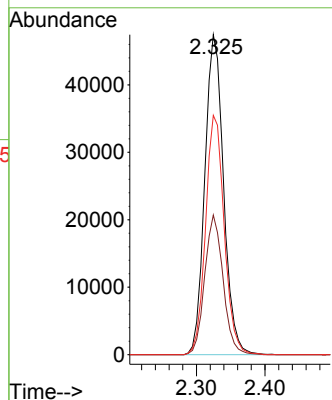
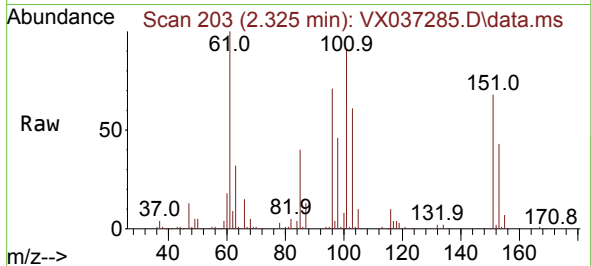




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.756 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037285.D
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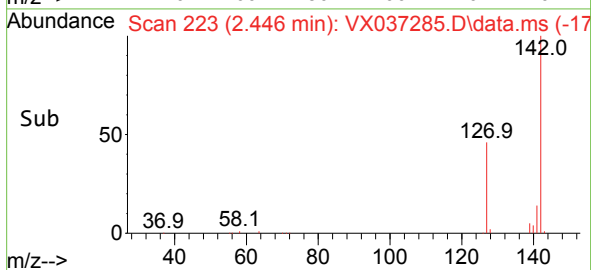
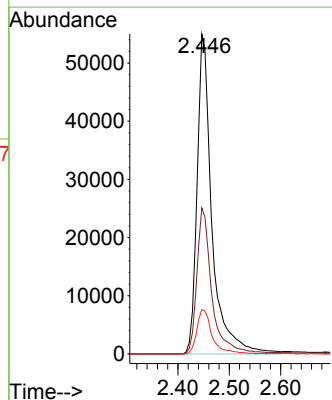
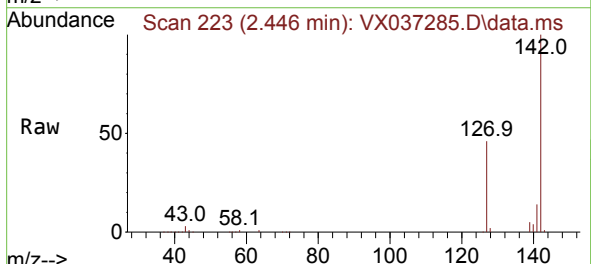
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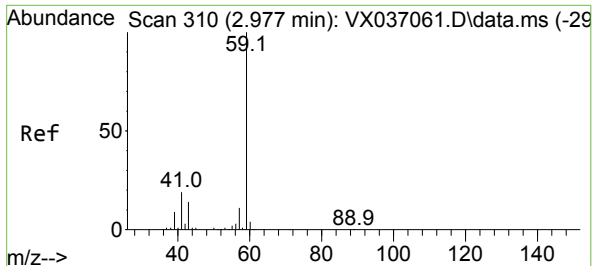
Tgt Ion:101 Resp: 90394
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 74.6 58.6 87.8



#10
Methyl Iodide
Concen: 54.132 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion:142 Resp: 110632
Ion Ratio Lower Upper
142 100
127 46.0 41.6 62.4
141 14.3 11.6 17.4

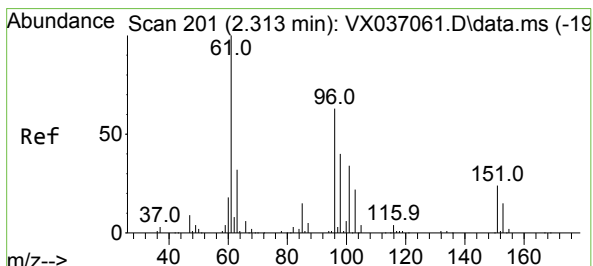
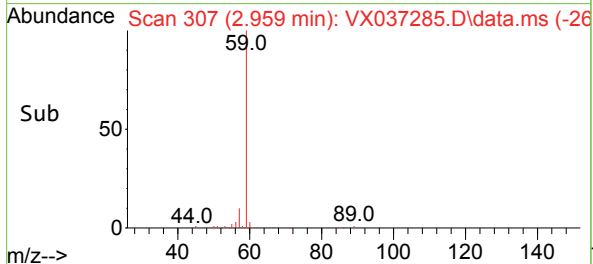
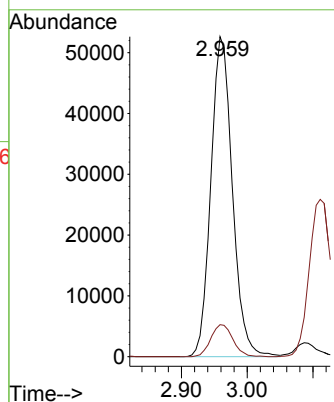
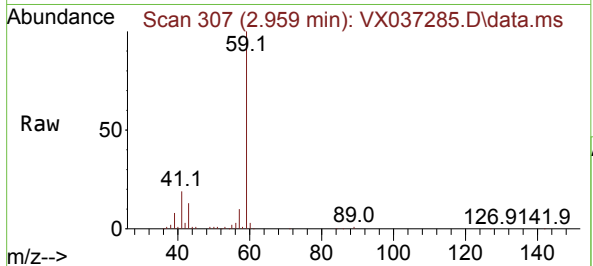




#11
Tert butyl alcohol
Concen: 222.952 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

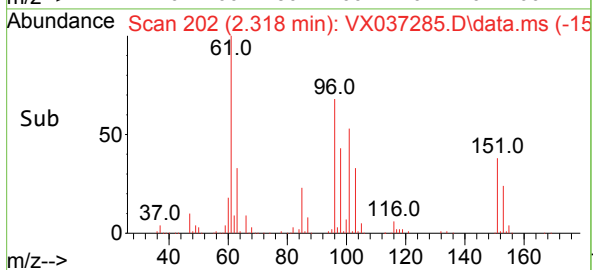
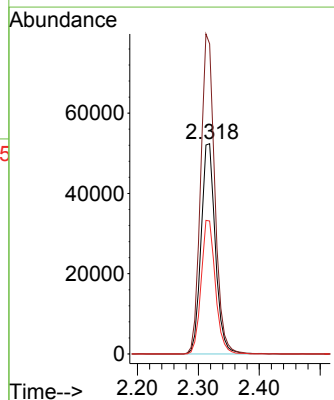
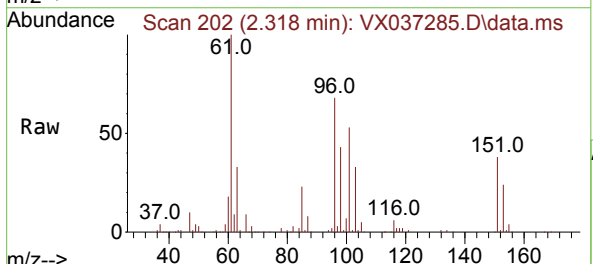
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

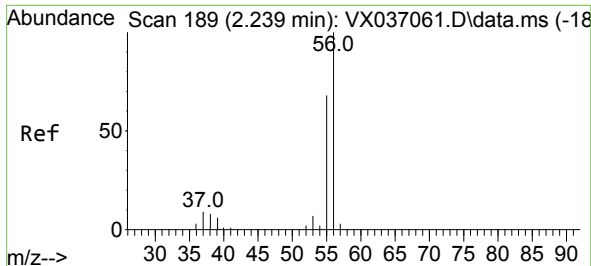
Tgt Ion: 59 Resp: 119941
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 52.187 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 96 Resp: 85457
Ion Ratio Lower Upper
96 100
61 147.5 144.6 216.8
98 63.3 50.4 75.6





#13

Acrolein

Concen: 208.454 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

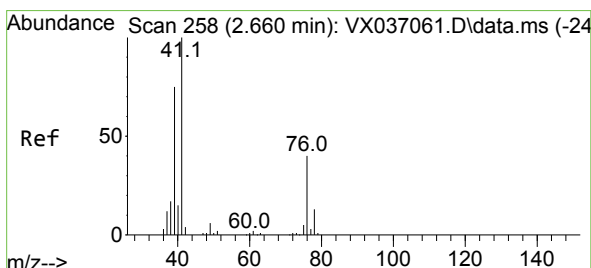
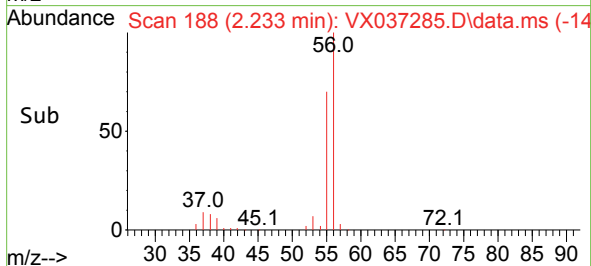
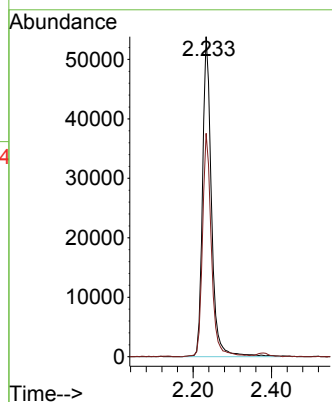
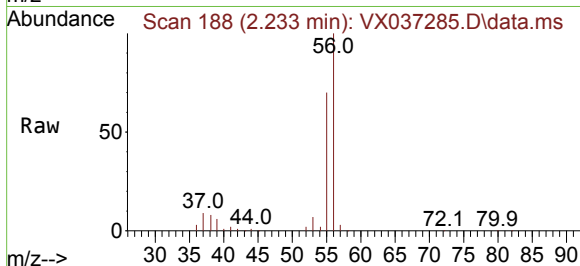
VSTDCCC050

Tgt Ion: 56 Resp: 85311

Ion Ratio Lower Upper

56 100

55 69.8 57.1 85.7



#14

Allyl chloride

Concen: 51.074 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

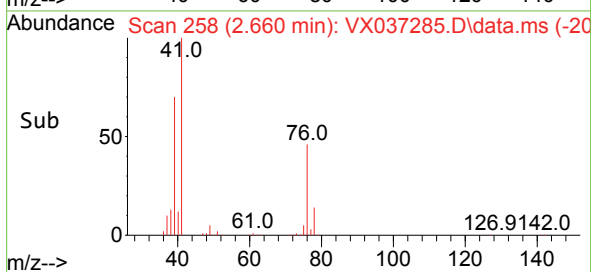
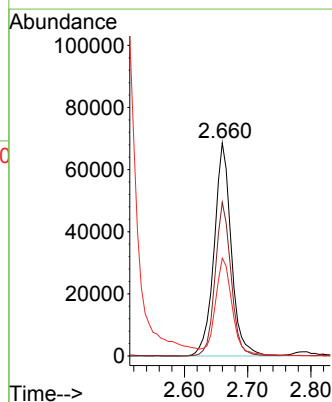
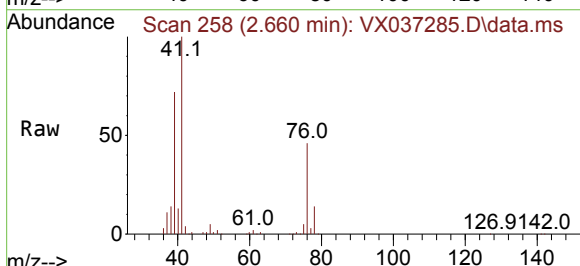
Tgt Ion: 41 Resp: 129451

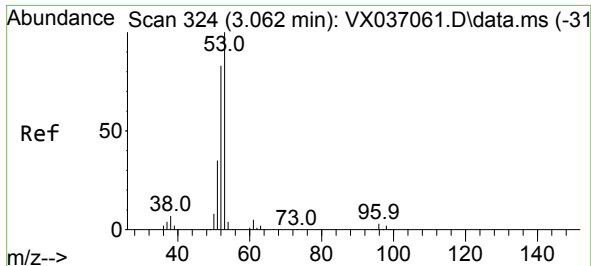
Ion Ratio Lower Upper

41 100

39 66.6 55.8 83.6

76 46.0 24.3 36.5

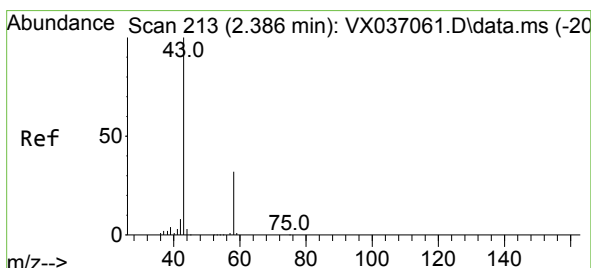
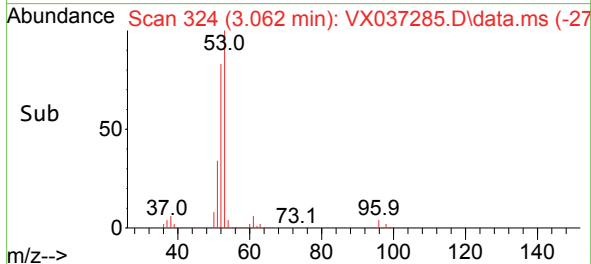
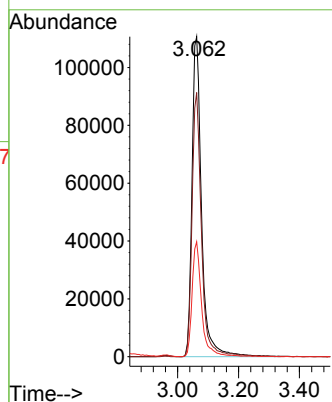
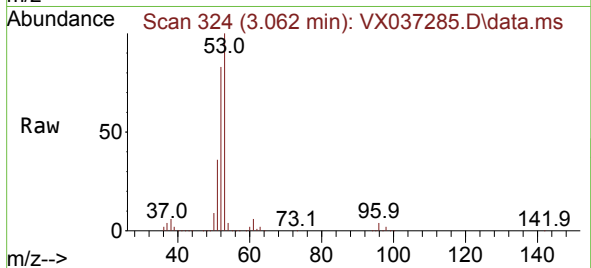




#15
Acrylonitrile
Concen: 251.150 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

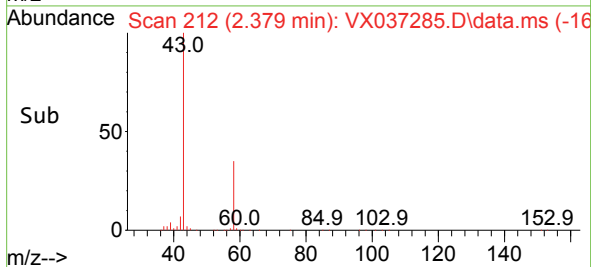
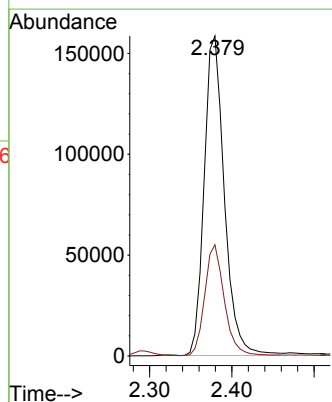
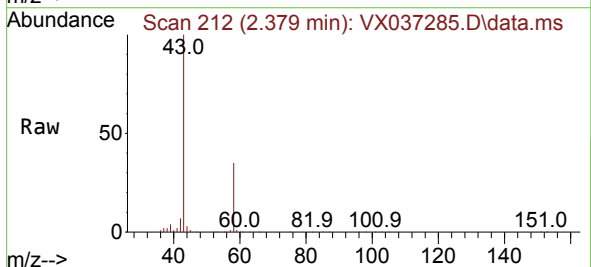
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

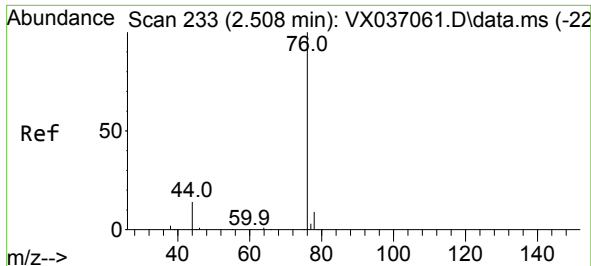
Tgt Ion: 53 Resp: 241155
Ion Ratio Lower Upper
53 100
52 79.7 66.0 99.0
51 35.7 29.8 44.6



#16
Acetone
Concen: 301.843 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 43 Resp: 270808
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#





#17

Carbon Disulfide

Concen: 51.600 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

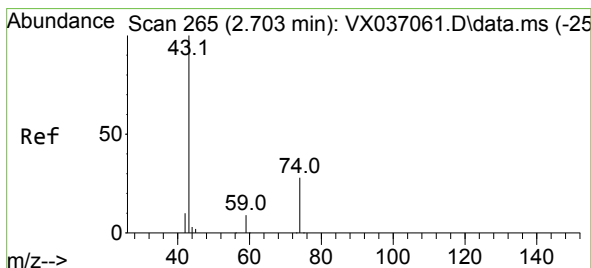
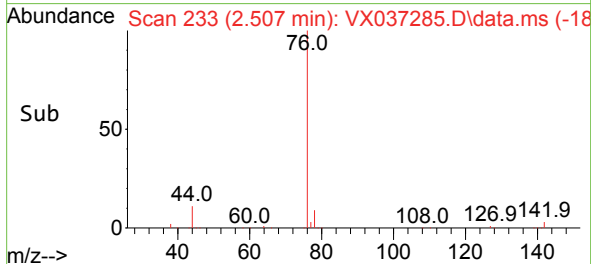
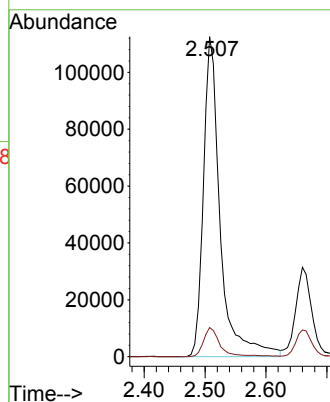
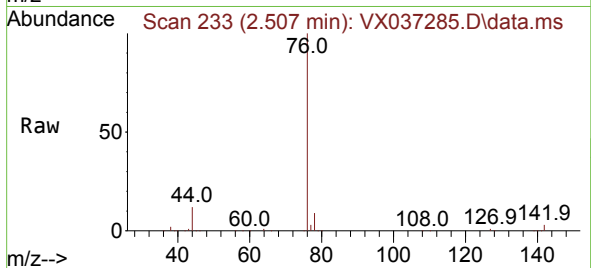
VSTDCCC050

Tgt Ion: 76 Resp: 214927

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 46.888 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037285.D

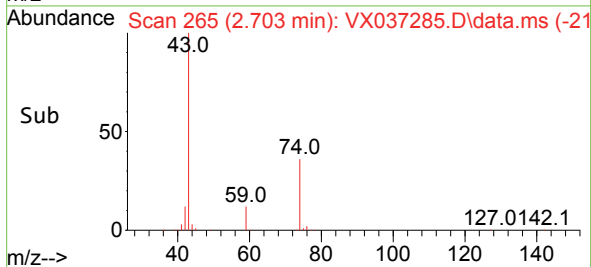
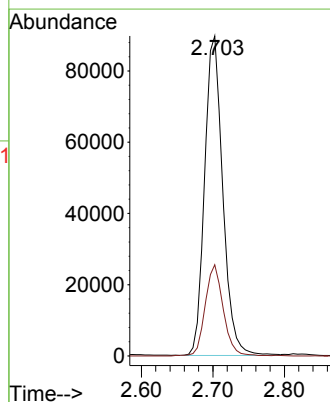
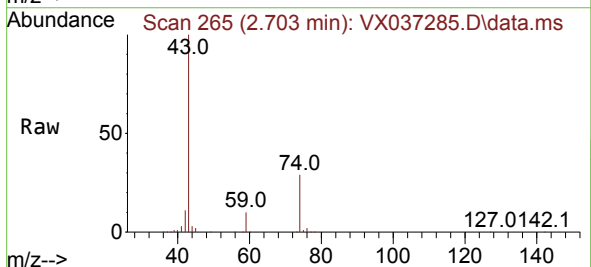
Acq: 28 Aug 2023 11:12

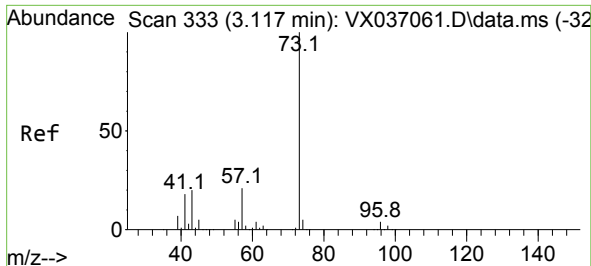
Tgt Ion: 43 Resp: 158392

Ion Ratio Lower Upper

43 100

74 28.4 17.8 26.8#

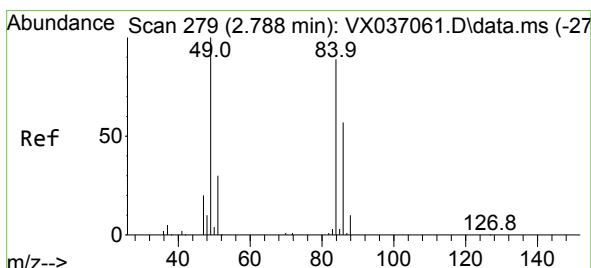
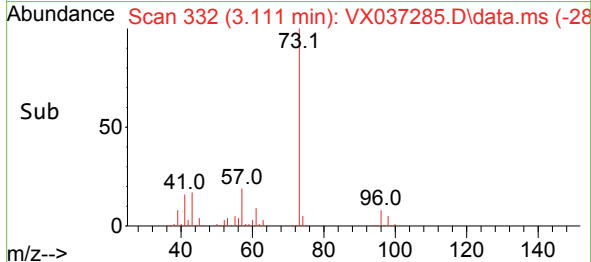
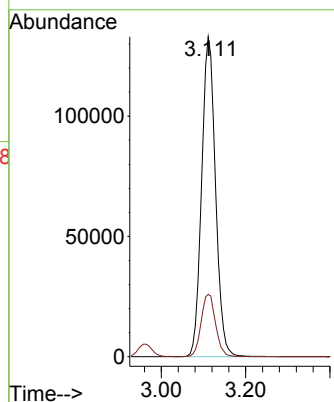
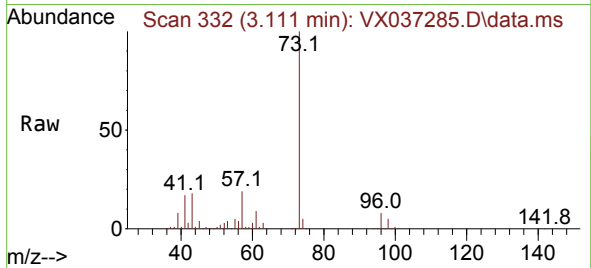




#19
Methyl tert-butyl Ether
Concen: 49.105 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

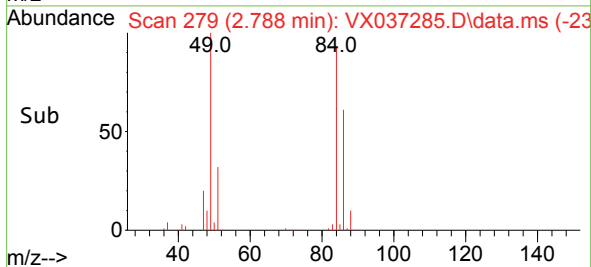
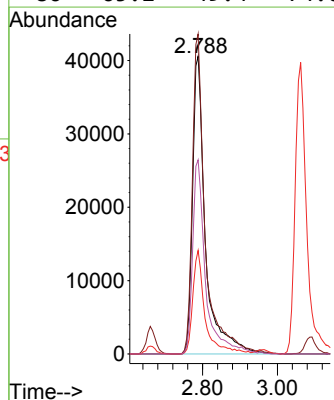
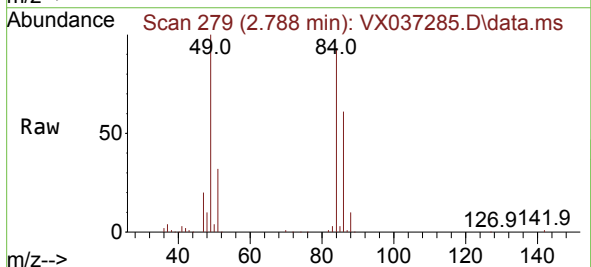
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

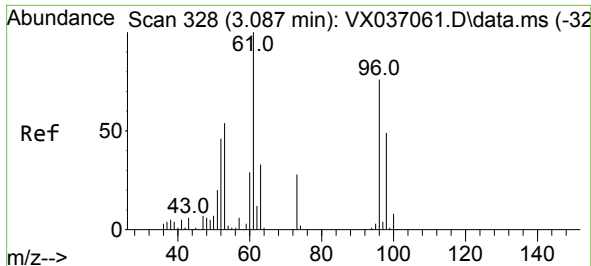
Tgt Ion: 73 Resp: 304964
Ion Ratio Lower Upper
73 100
57 19.4 17.3 25.9



#20
Methylene Chloride
Concen: 48.703 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 84 Resp: 97717
Ion Ratio Lower Upper
84 100
49 107.5 103.6 155.4
51 34.7 33.8 50.6
86 65.2 49.4 74.0

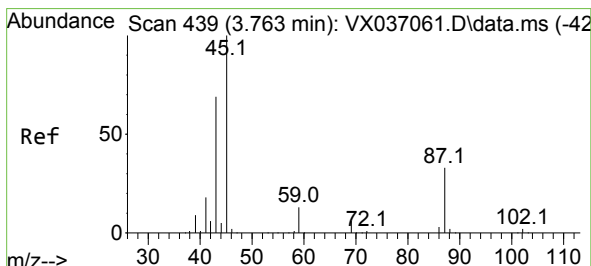
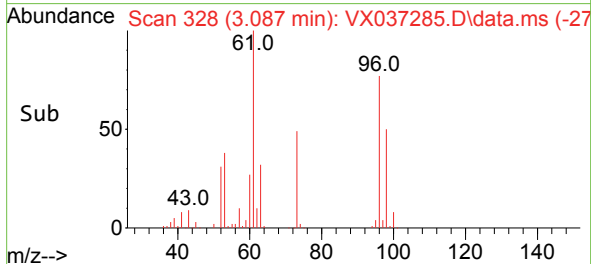
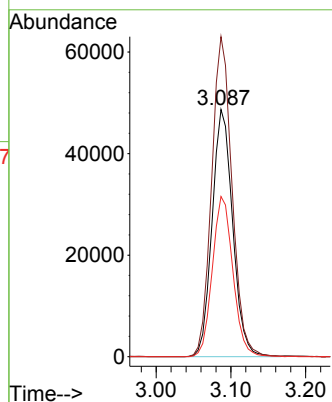
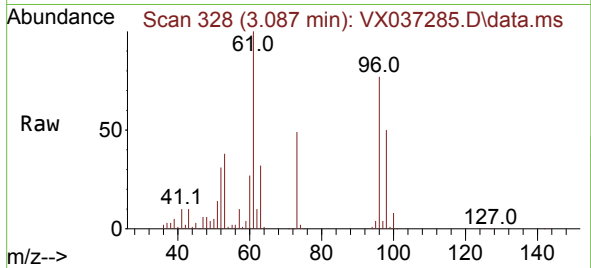




#21
trans-1,2-Dichloroethene
Concen: 49.985 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

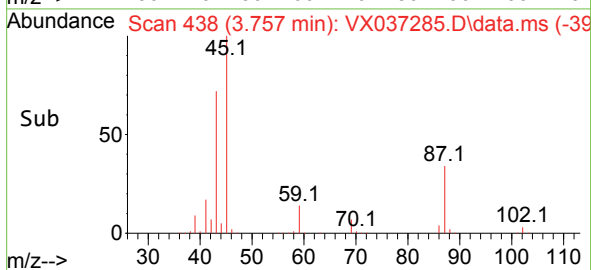
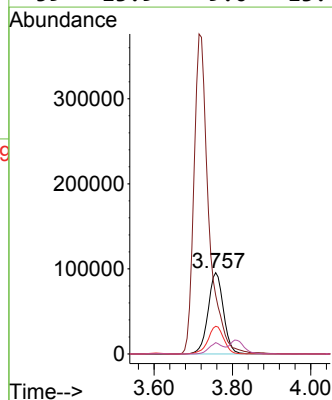
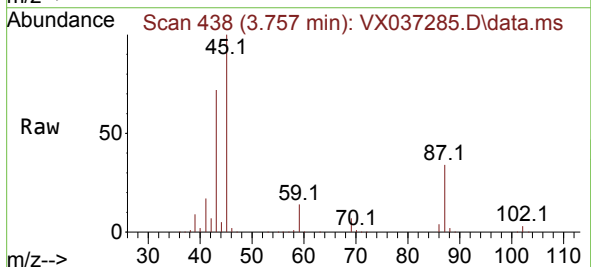
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

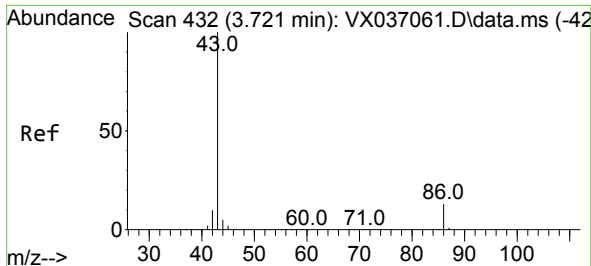
Tgt Ion: 96 Resp: 93046
Ion Ratio Lower Upper
96 100
61 129.5 119.2 178.8
98 64.8 48.7 73.1



#22
Diisopropyl ether
Concen: 49.853 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 45 Resp: 259289
Ion Ratio Lower Upper
45 100
43 71.8 69.7 104.5
87 34.0 20.8 31.2#
59 13.9 9.0 13.4#

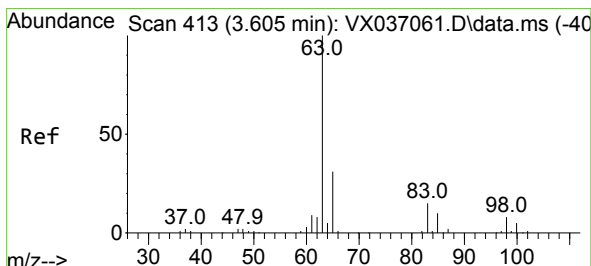
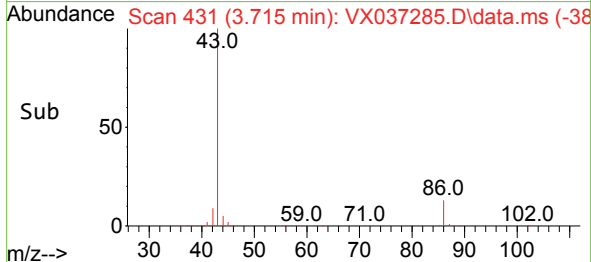
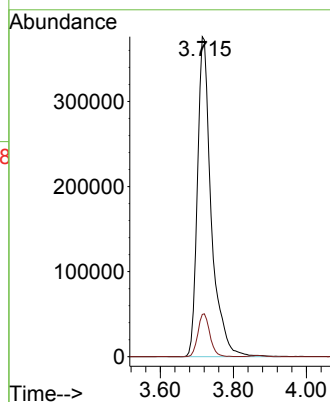
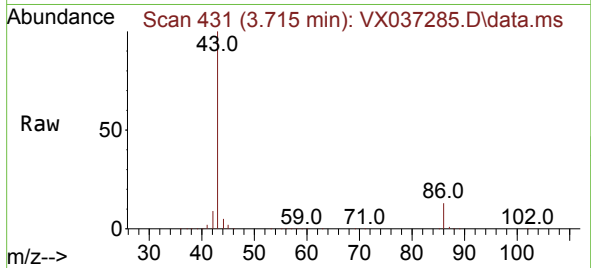




#23
 Vinyl Acetate
 Concen: 248.403 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

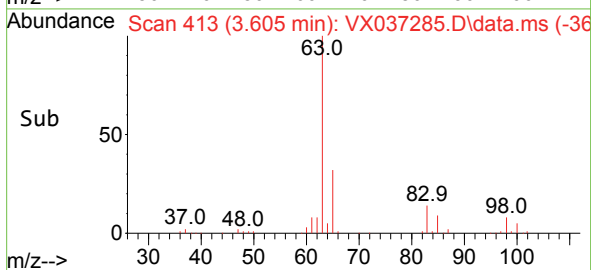
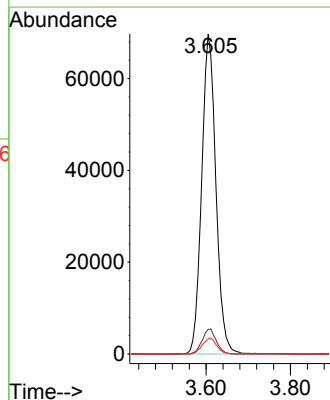
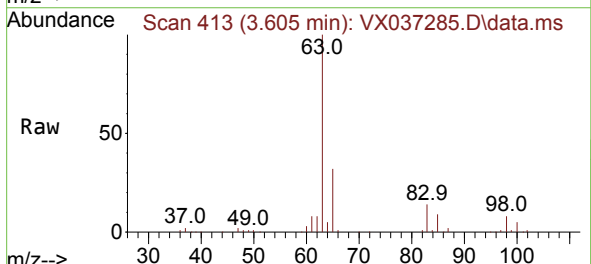
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

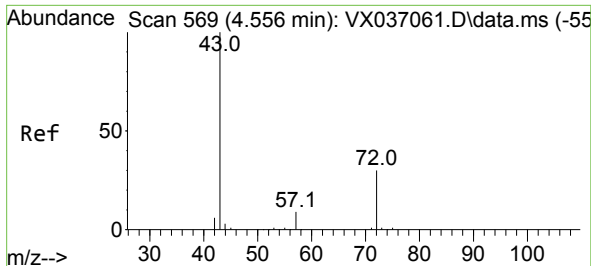
Tgt Ion: 43 Resp: 990043
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 50.163 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 63 Resp: 163608
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 261.069 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

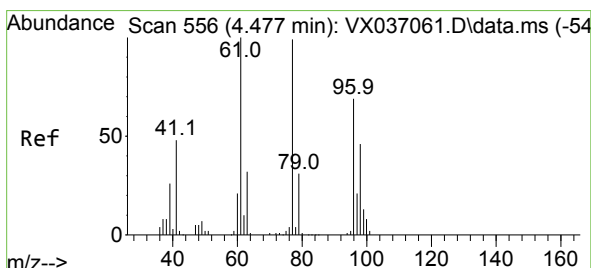
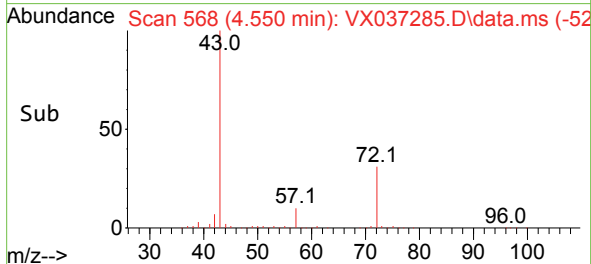
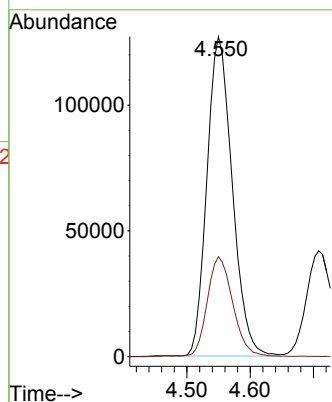
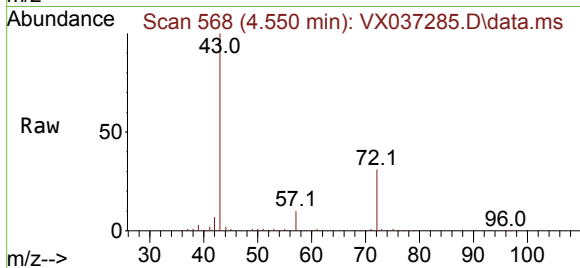
VSTDCCC050

Tgt Ion: 43 Resp: 352675

Ion Ratio Lower Upper

43 100

72 31.1 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 53.547 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037285.D

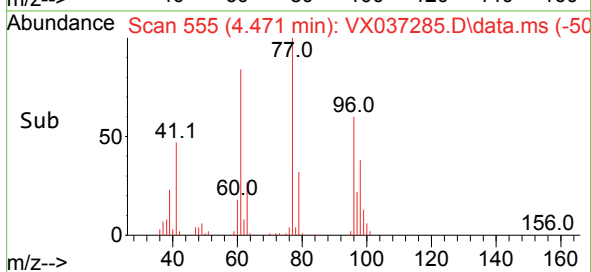
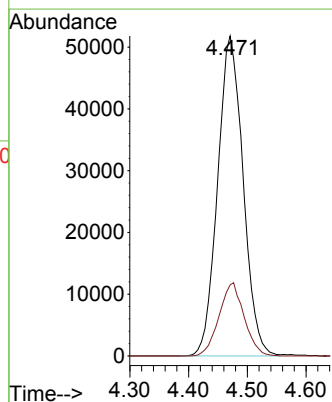
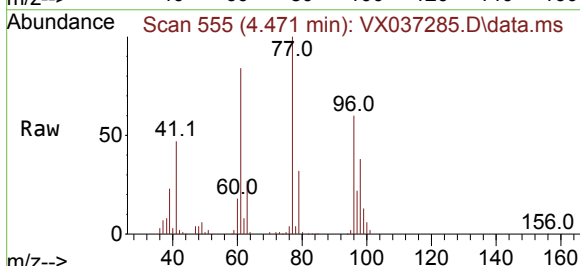
Acq: 28 Aug 2023 11:12

Tgt Ion: 77 Resp: 155971

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.995 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

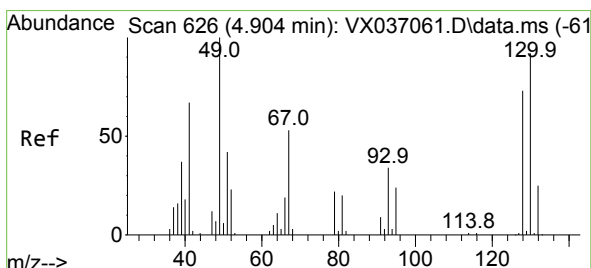
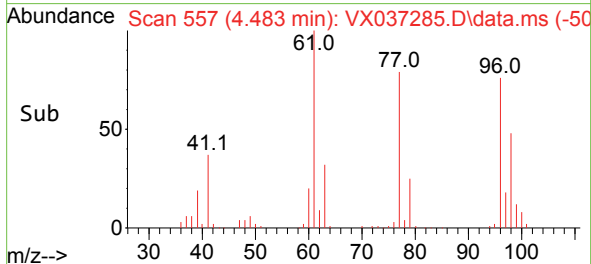
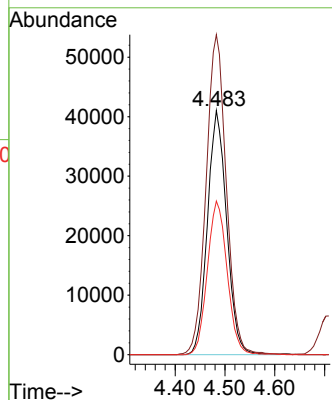
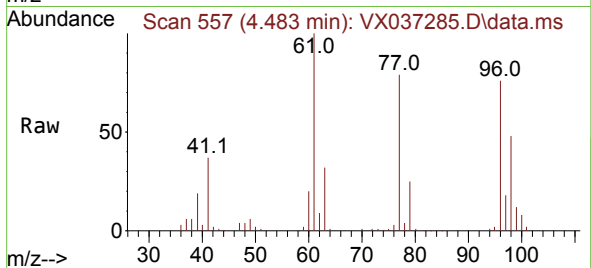
Tgt Ion: 96 Resp: 109714

Ion Ratio Lower Upper

96 100

61 138.1 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 47.399 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

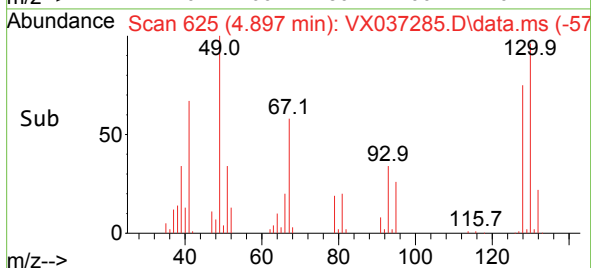
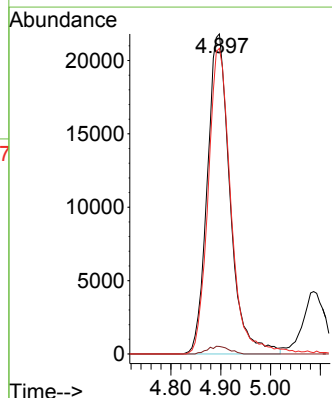
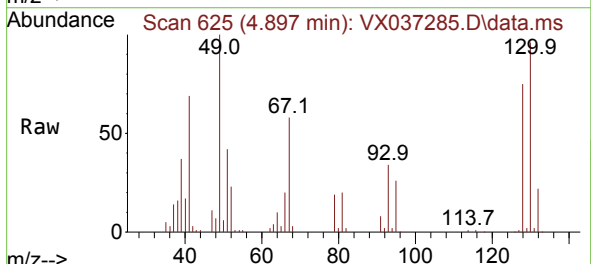
Tgt Ion: 49 Resp: 69060

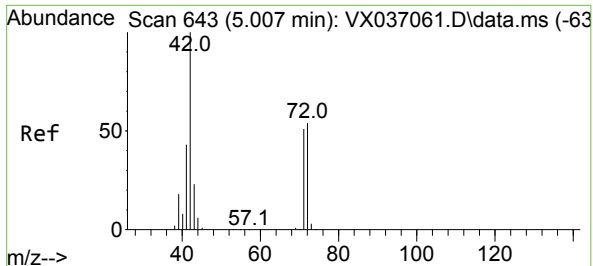
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 95.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 230.947 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

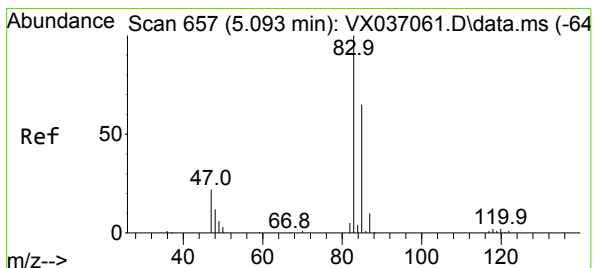
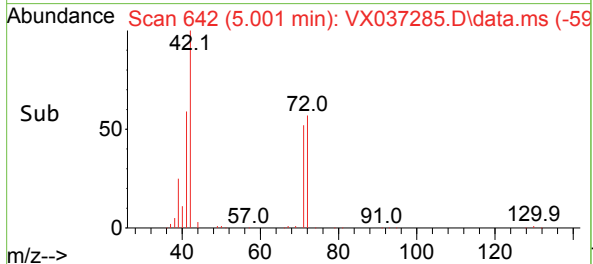
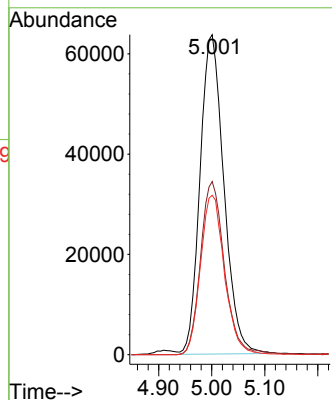
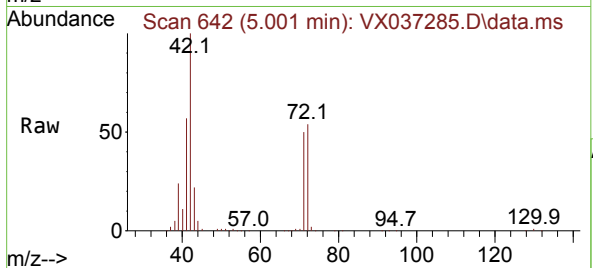
Tgt Ion: 42 Resp: 198961

Ion Ratio Lower Upper

42 100

72 54.7 34.2 51.4#

71 50.3 32.2 48.2#



#30

Chloroform

Concen: 49.090 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX037285.D

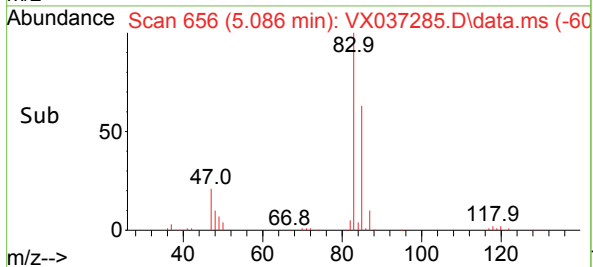
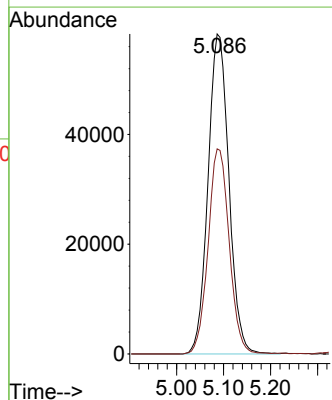
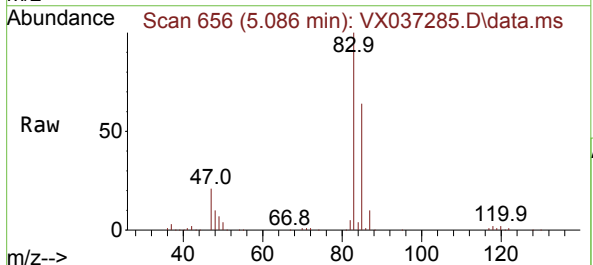
Acq: 28 Aug 2023 11:12

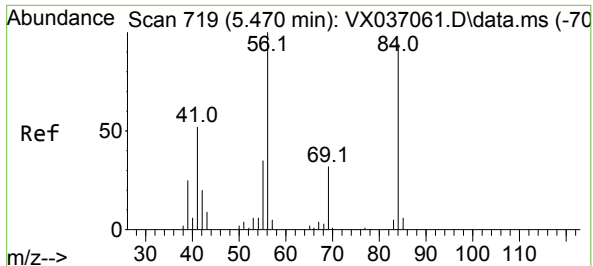
Tgt Ion: 83 Resp: 179733

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

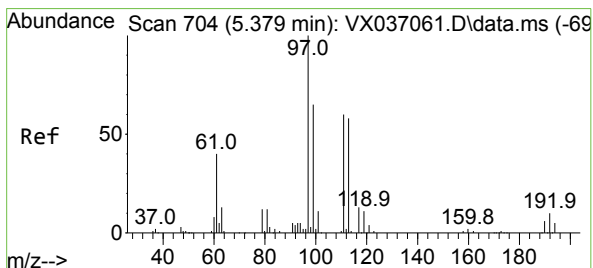
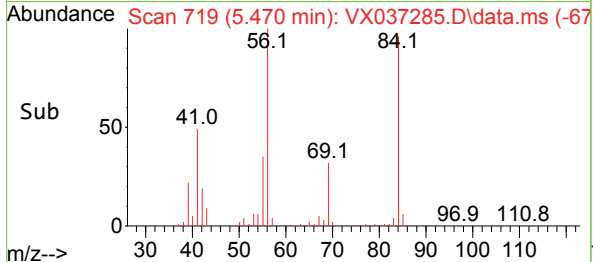
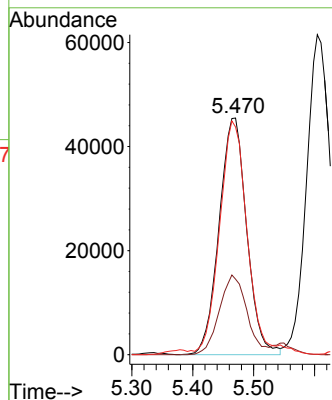
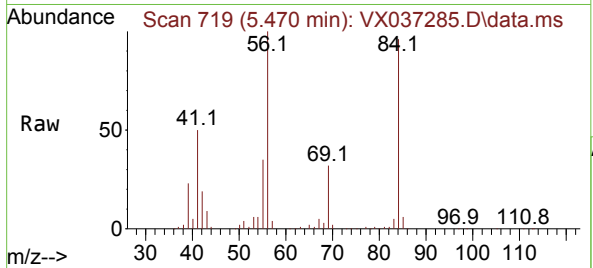




#31
Cyclohexane
Concen: 55.504 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

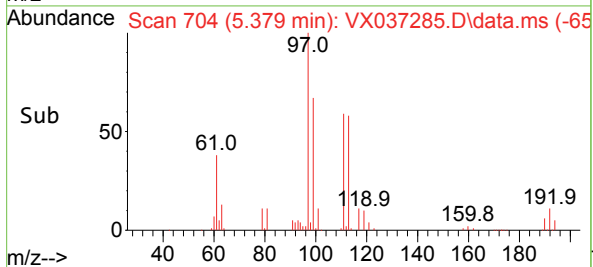
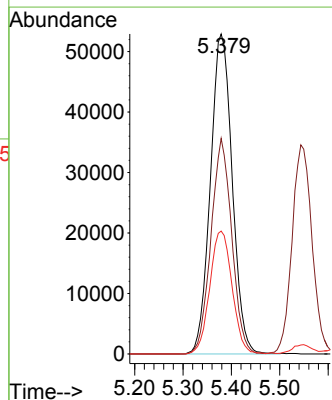
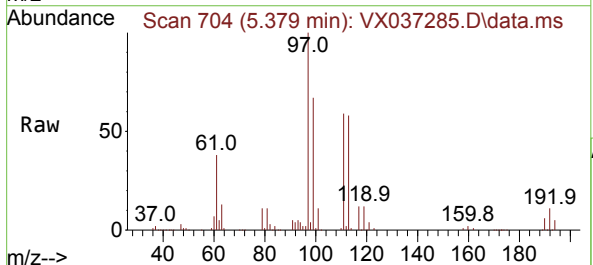
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

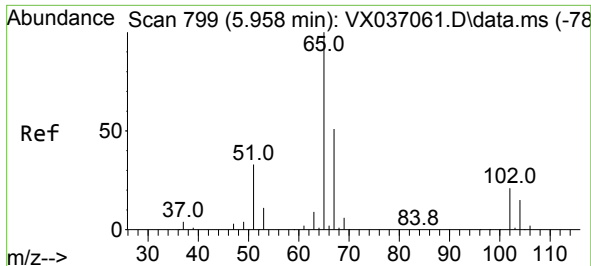
Tgt Ion: 56 Resp: 143128
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 94.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.527 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 97 Resp: 165776
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 39.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.653 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

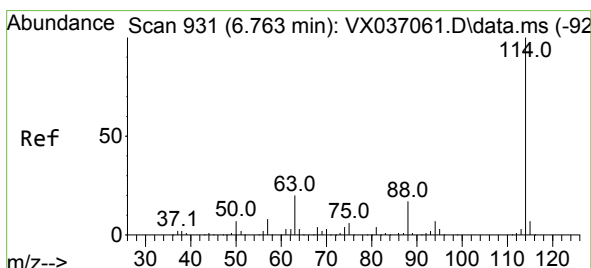
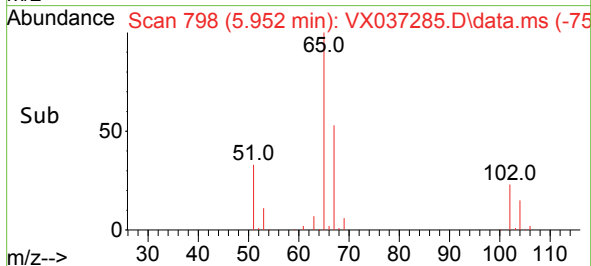
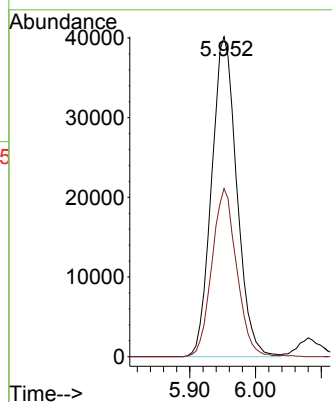
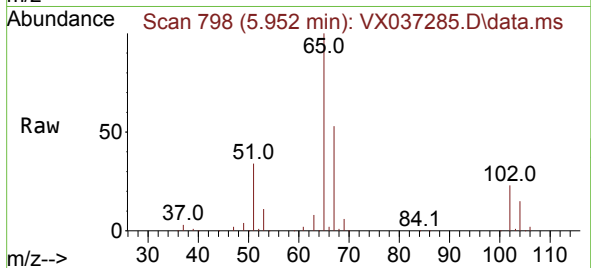
VSTDCCC050

Tgt Ion: 65 Resp: 106992

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

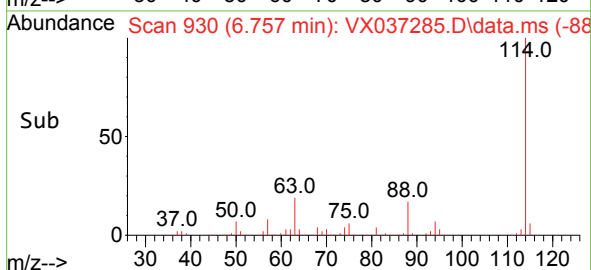
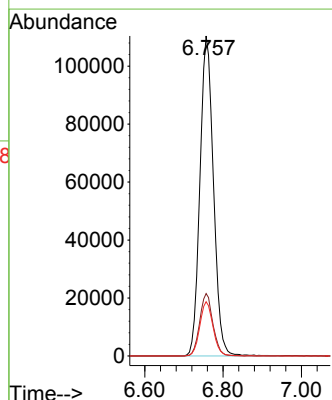
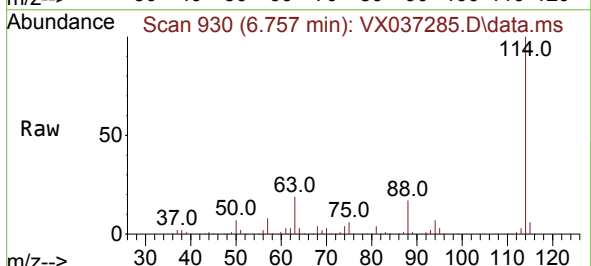
Tgt Ion: 114 Resp: 265577

Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 16.9 0.0 36.6

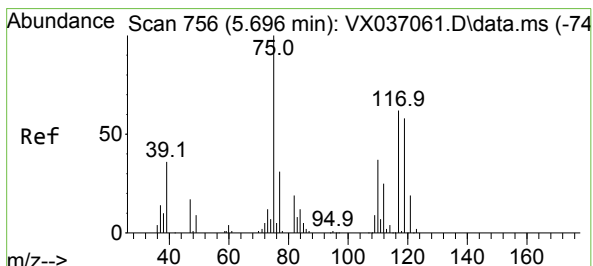
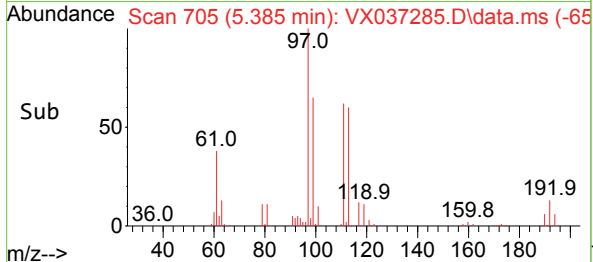
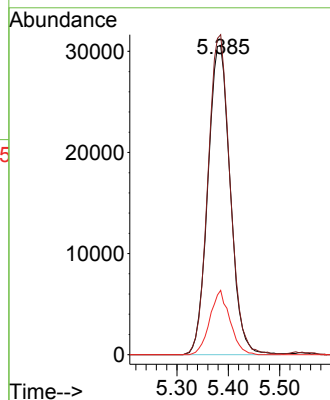
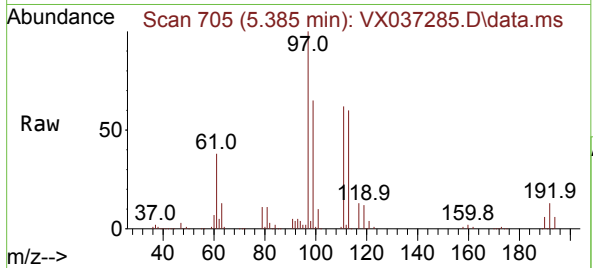




#35
Dibromofluoromethane
Concen: 52.501 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

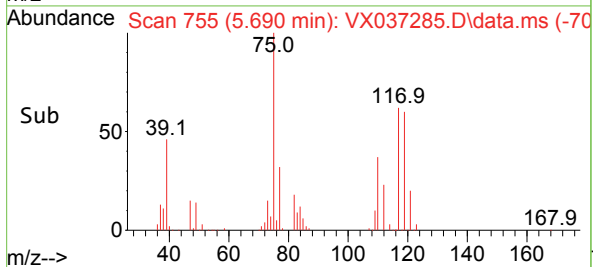
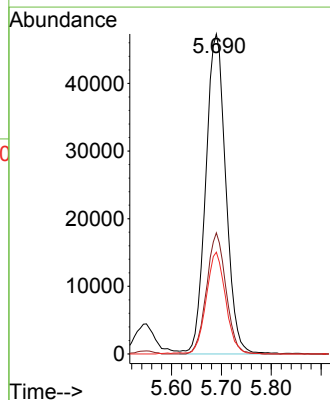
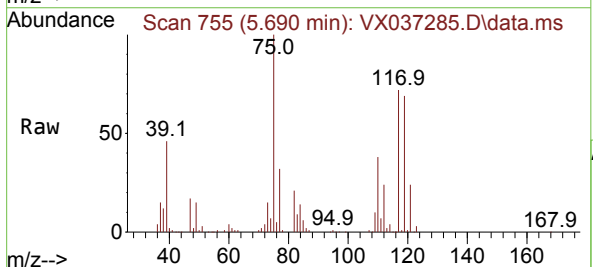
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

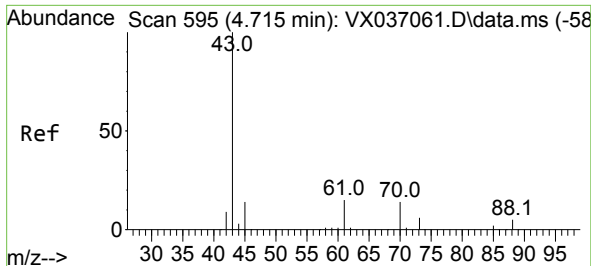
Tgt Ion:113 Resp: 92342
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 52.861 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 75 Resp: 132091
Ion Ratio Lower Upper
75 100
110 36.6 17.0 50.9
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 48.424 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

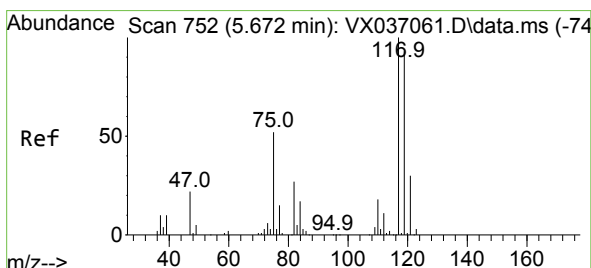
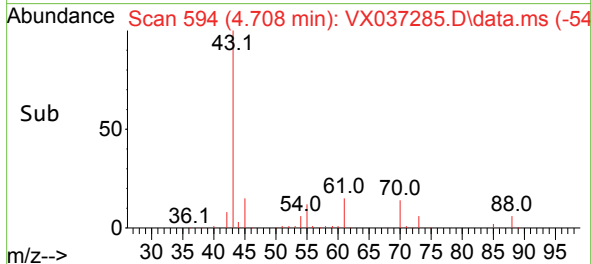
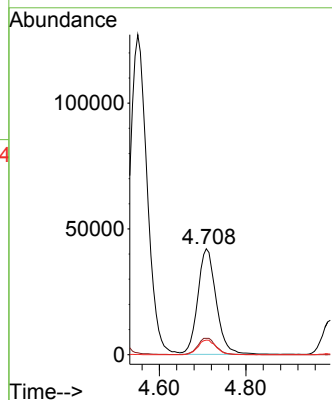
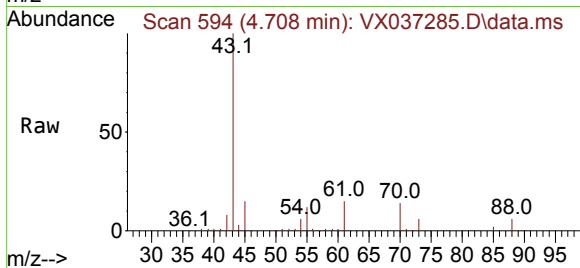
Tgt Ion: 43 Resp: 123607

Ion Ratio Lower Upper

43 100

61 15.7 10.6 16.0

70 13.7 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 54.431 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

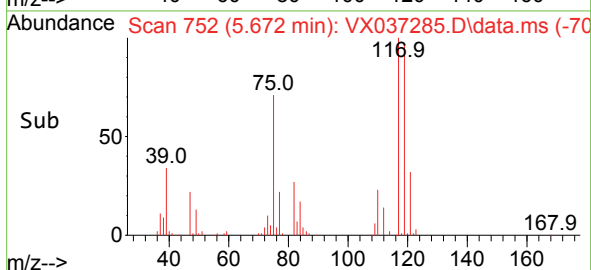
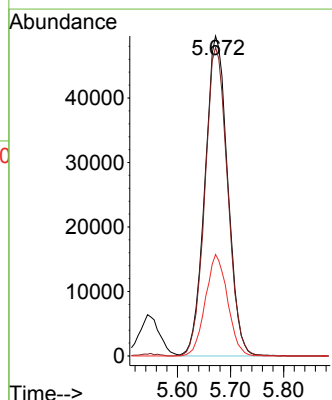
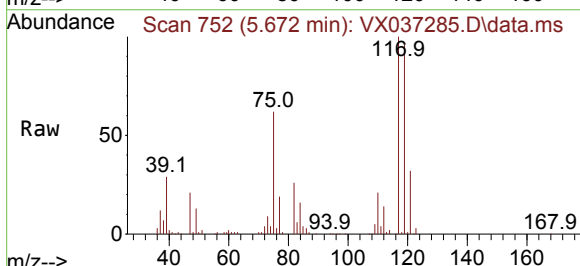
Tgt Ion: 117 Resp: 147750

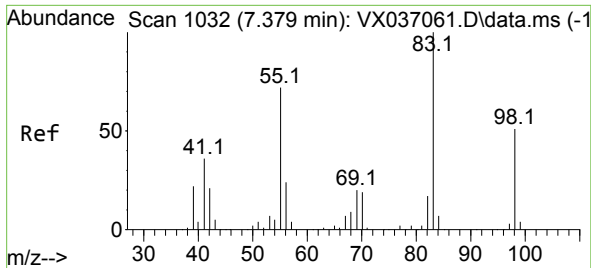
Ion Ratio Lower Upper

117 100

119 96.4 78.2 117.2

121 31.7 24.4 36.6

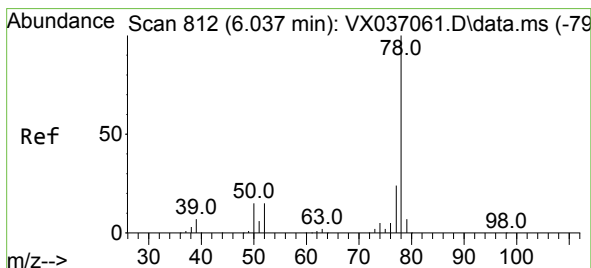
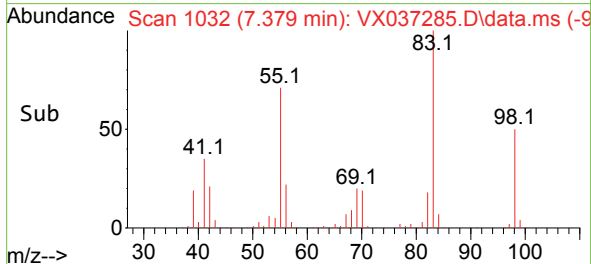
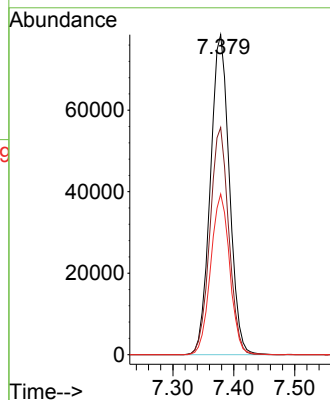
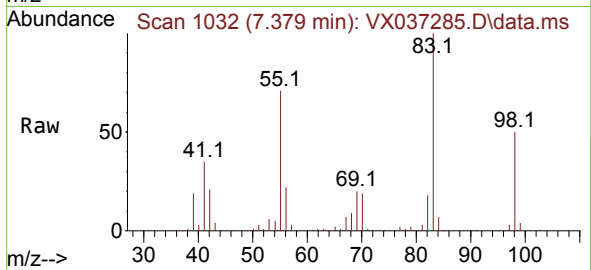




#39
Methylcyclohexane
Concen: 64.800 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

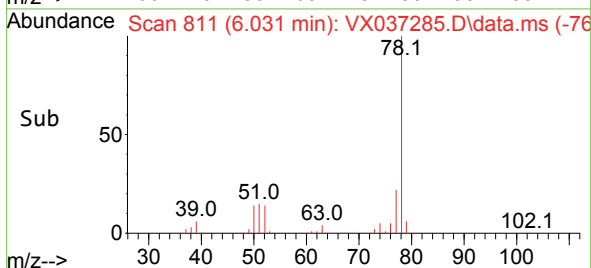
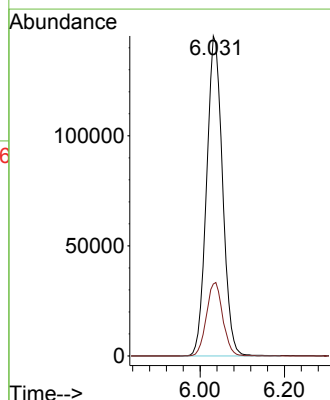
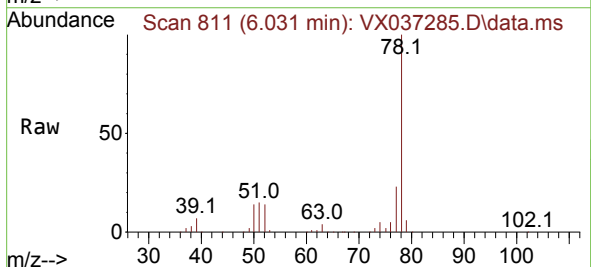
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 170126
Ion Ratio Lower Upper
83 100
55 71.0 64.6 97.0
98 50.2 36.7 55.1



#40
Benzene
Concen: 53.388 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 78 Resp: 382618
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9



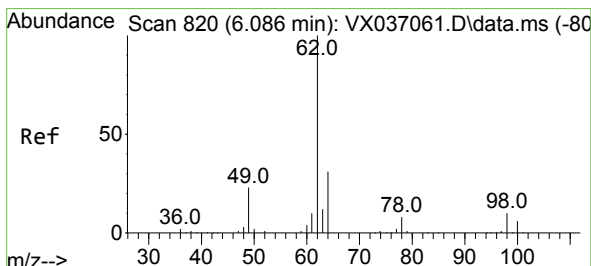
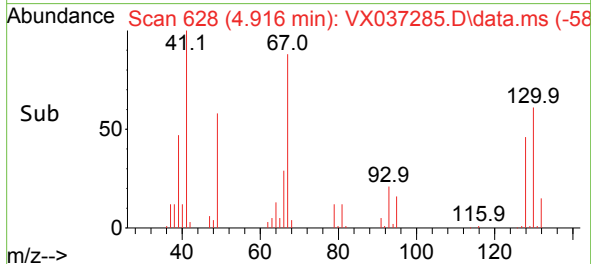
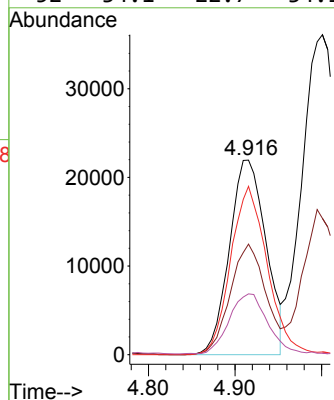
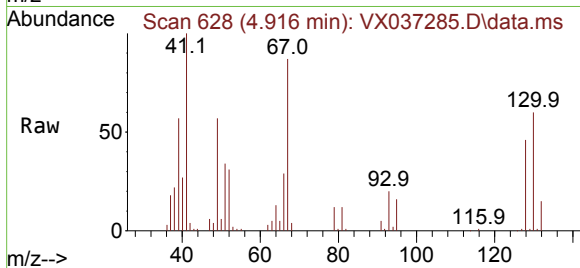


#41
Methacrylonitrile
Concen: 48.678 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 64595

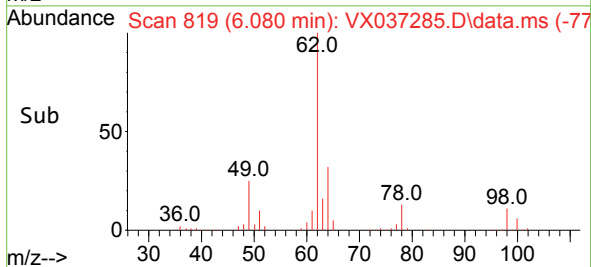
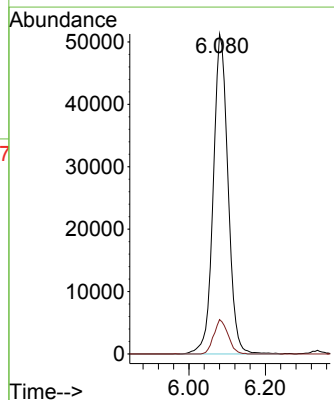
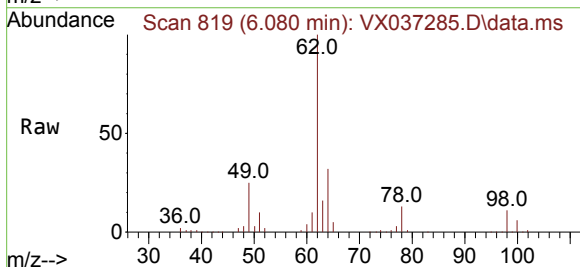
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.2	67.8
67	87.2	52.6	78.8#
52	34.1	22.7	34.1#

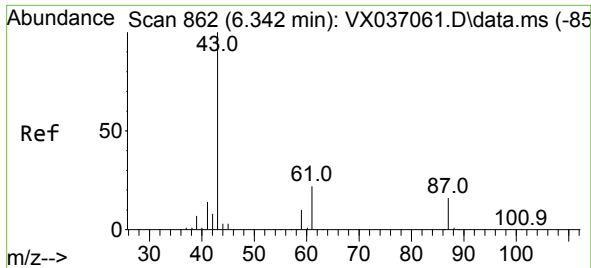


#42
1,2-Dichloroethane
Concen: 48.873 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 62 Resp: 137357

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	16.0

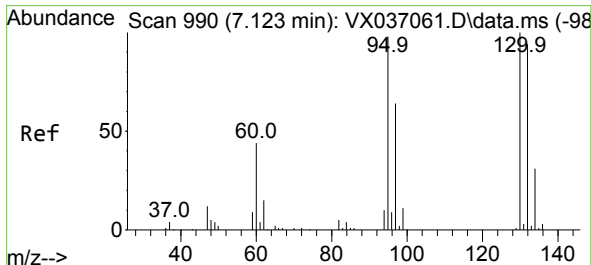
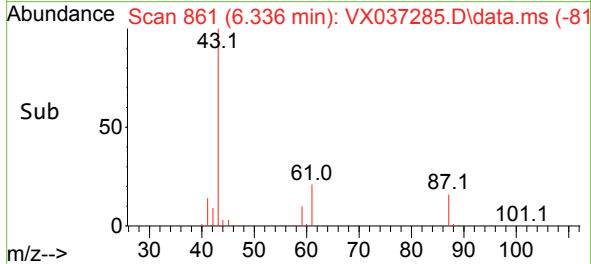
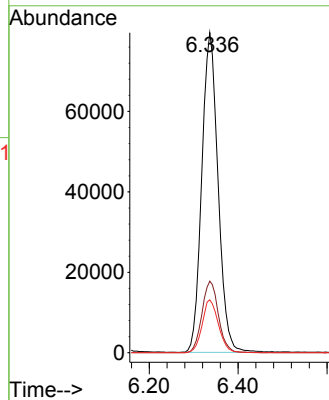
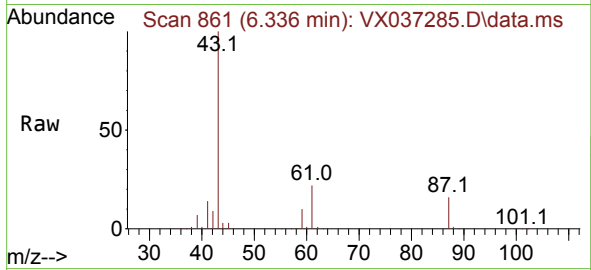




#43
Isopropyl Acetate
Concen: 50.052 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

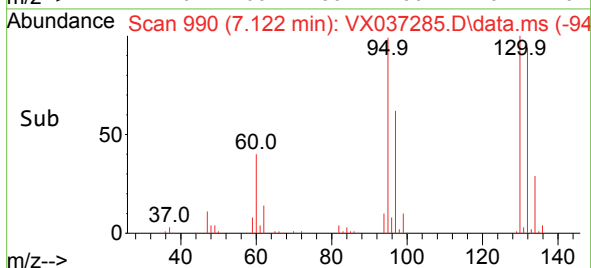
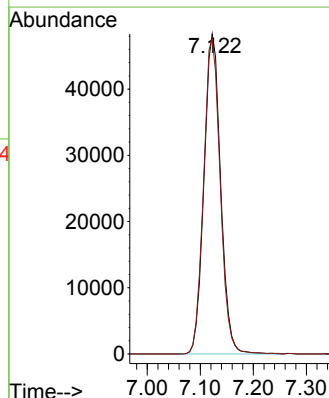
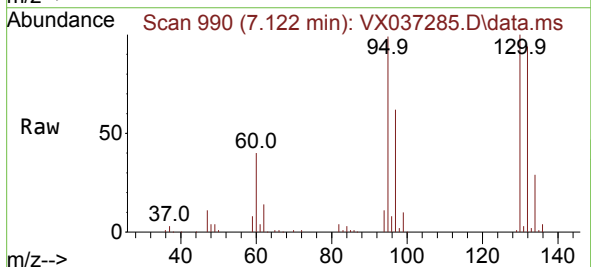
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

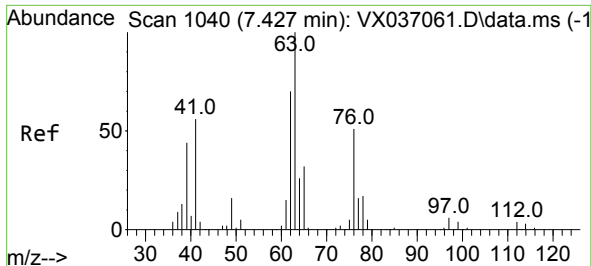
Tgt Ion: 43 Resp: 202838
Ion Ratio Lower Upper
43 100
61 22.6 15.2 22.8
87 16.5 9.8 14.6#



#44
Trichloroethene
Concen: 51.823 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion:130 Resp: 105312
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4

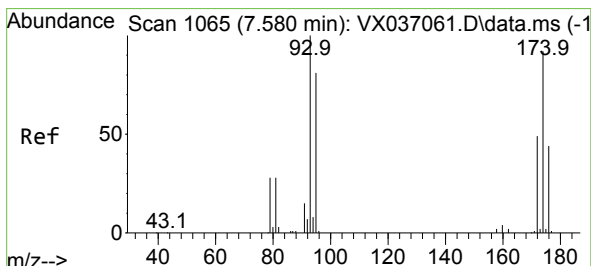
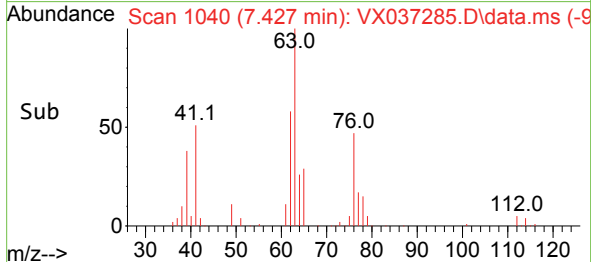
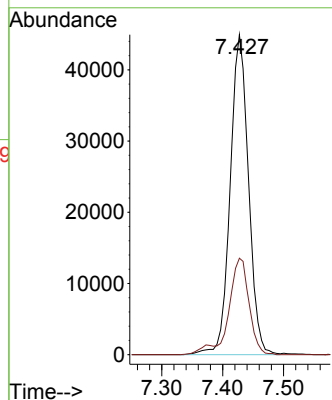
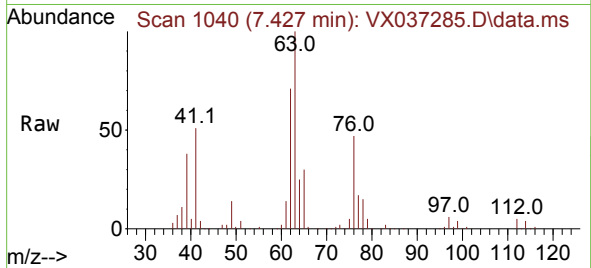




#45
1,2-Dichloropropane
Concen: 53.132 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

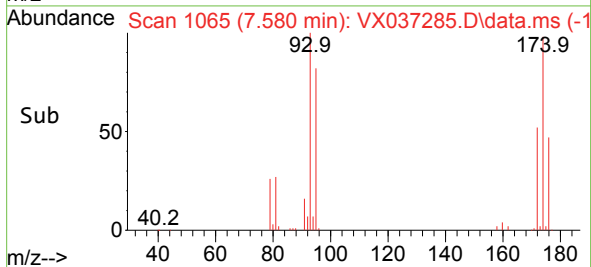
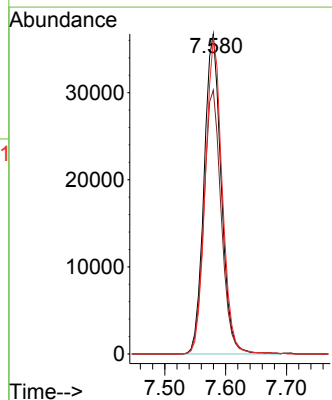
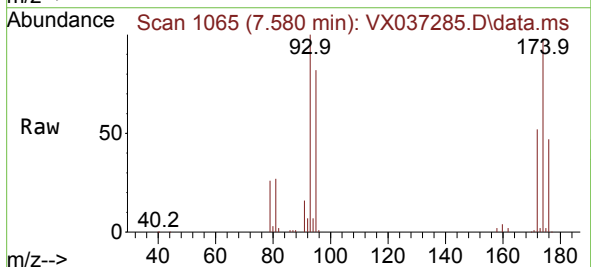
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

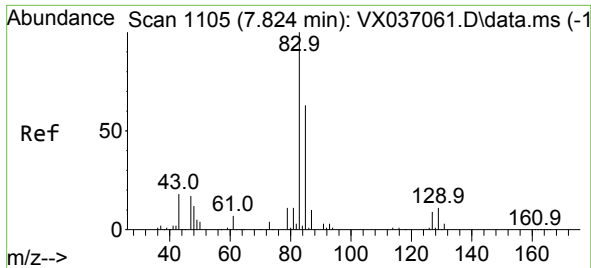
Tgt Ion: 63 Resp: 93890
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5



#46
Dibromomethane
Concen: 51.623 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 93 Resp: 71863
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 97.1 69.4 104.0

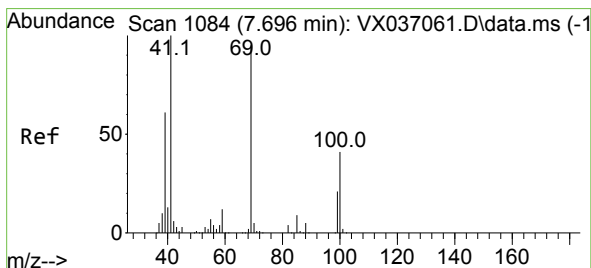
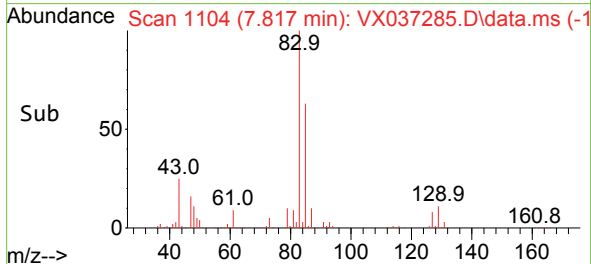
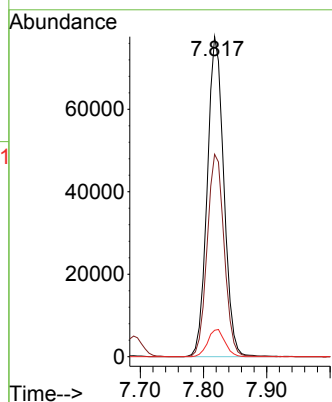
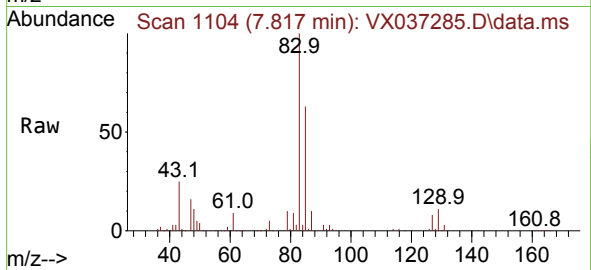




#47
Bromodichloromethane
Concen: 53.026 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

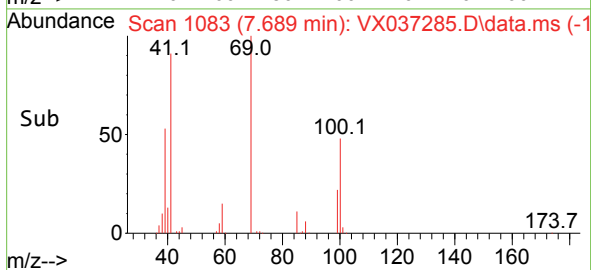
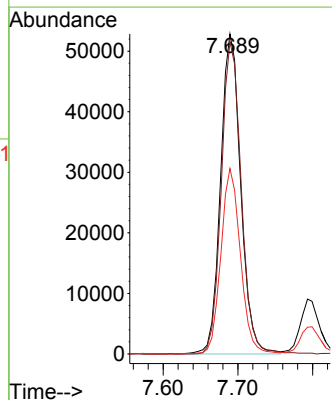
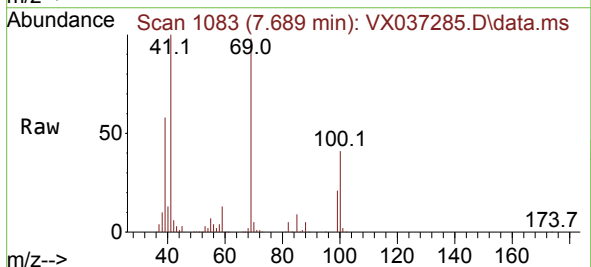
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

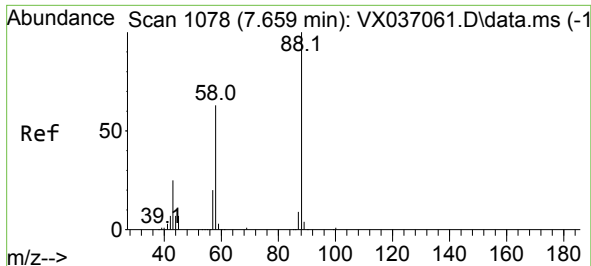
Tgt Ion: 83 Resp: 141386
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 50.084 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 41 Resp: 98983
Ion Ratio Lower Upper
41 100
69 96.8 59.2 88.8#
39 56.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1036.740 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

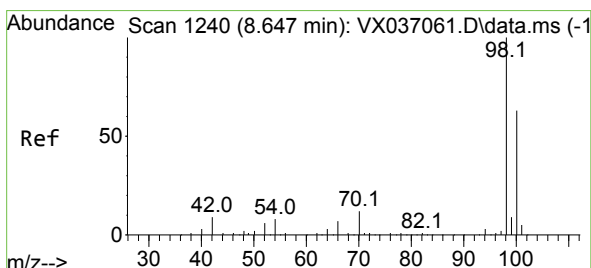
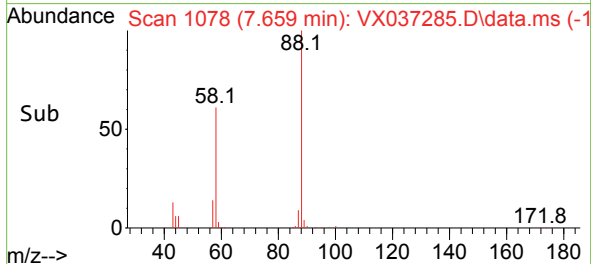
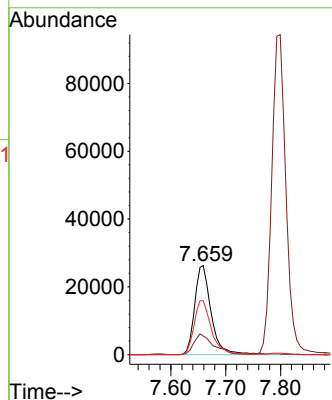
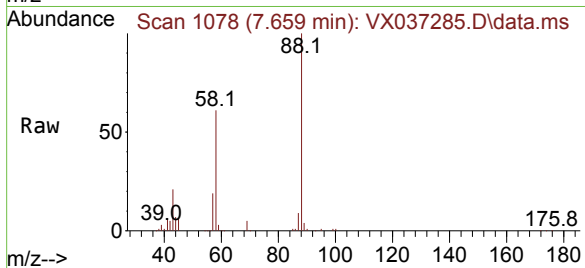
Tgt Ion: 88 Resp: 55182

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

58 63.8 60.1 90.1



#50

Toluene-d8

Concen: 51.415 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037285.D

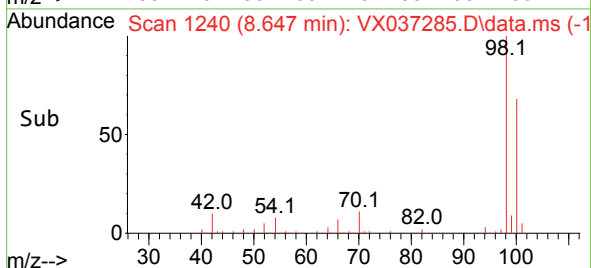
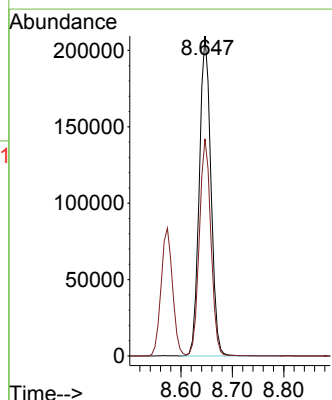
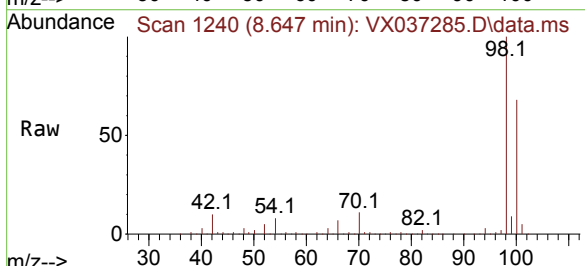
Acq: 28 Aug 2023 11:12

Tgt Ion: 98 Resp: 328027

Ion Ratio Lower Upper

98 100

100 67.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 249.755 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

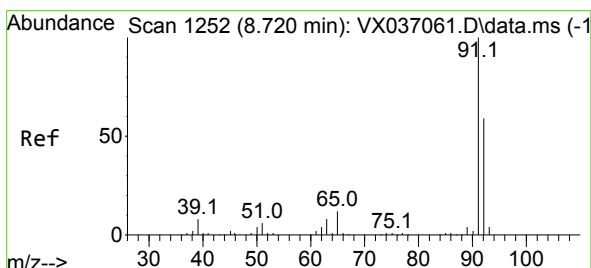
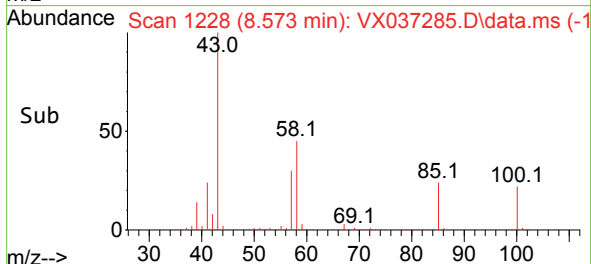
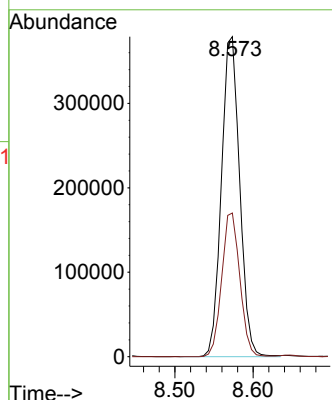
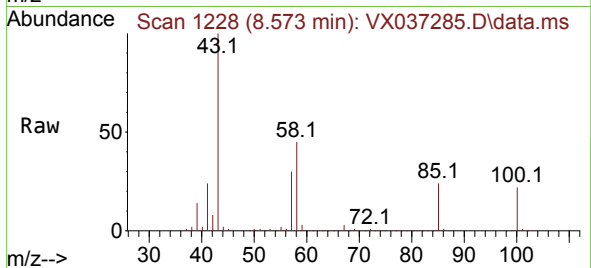
VSTDCCC050

Tgt Ion: 43 Resp: 614602

Ion Ratio Lower Upper

43 100

58 44.7 30.4 45.6



#52

Toluene

Concen: 53.736 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX037285.D

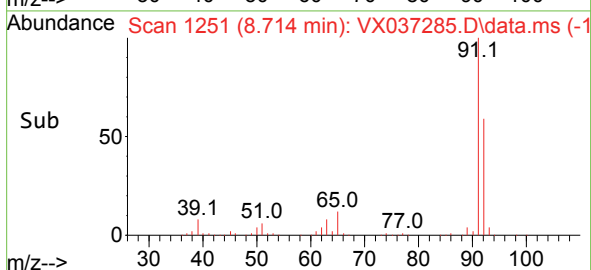
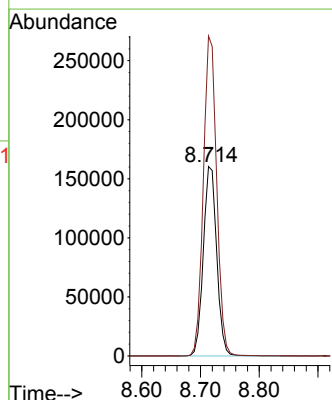
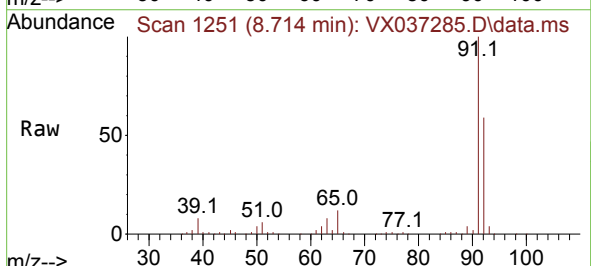
Acq: 28 Aug 2023 11:12

Tgt Ion: 92 Resp: 254452

Ion Ratio Lower Upper

92 100

91 168.0 134.2 201.2

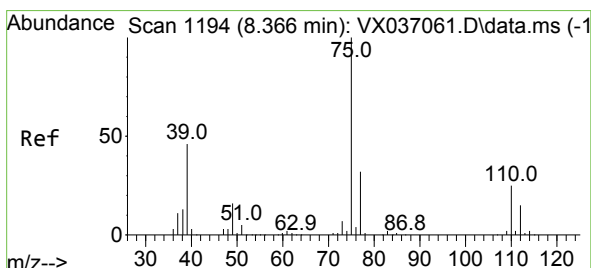
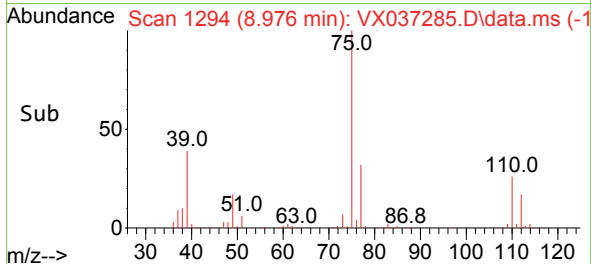
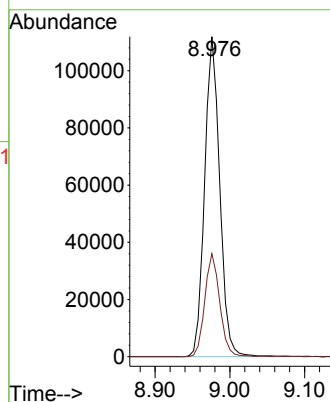
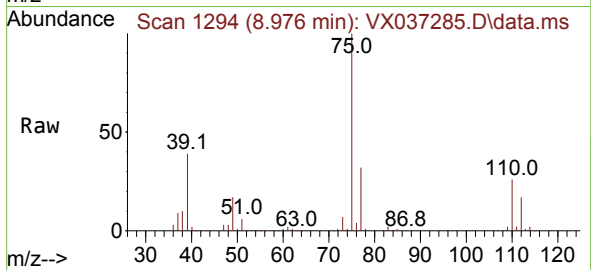




#53
 t-1,3-Dichloropropene
 Concen: 55.302 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

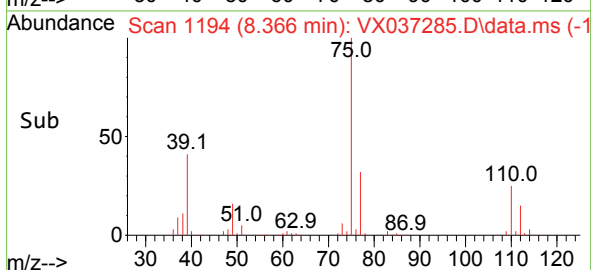
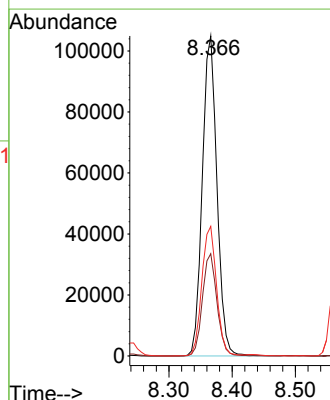
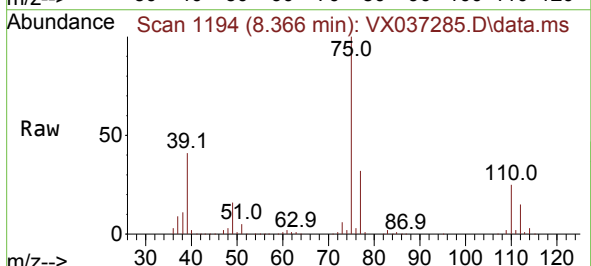
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

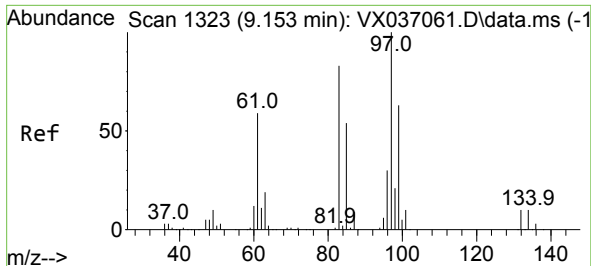
Tgt Ion: 75 Resp: 157005
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 55.142 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 75 Resp: 169175
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 40.4 46.7 70.1#



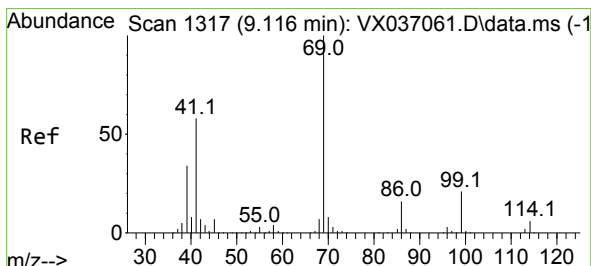
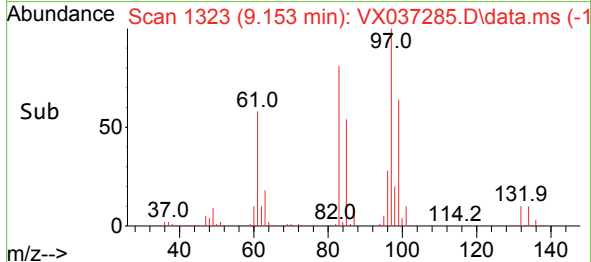
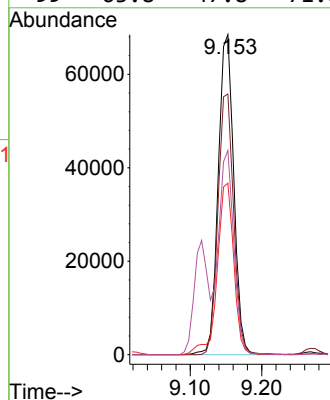
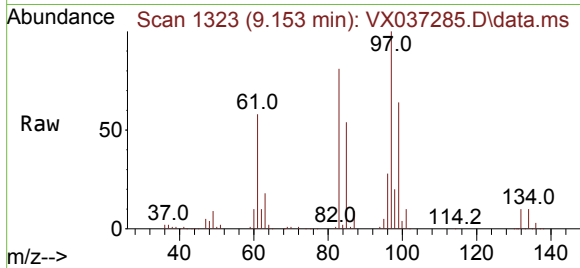


#55
1,1,2-Trichloroethane
Concen: 53.742 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 103622

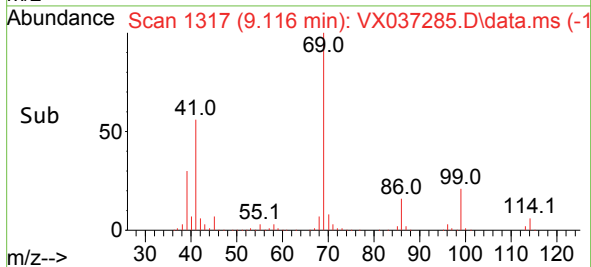
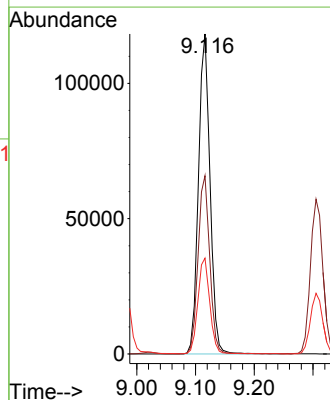
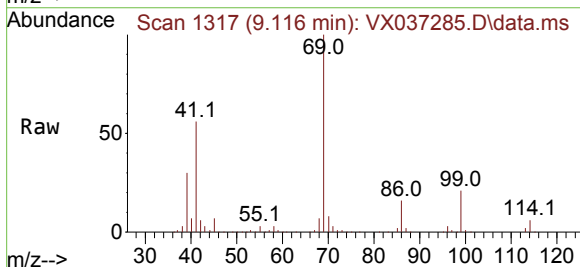
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.8	98.8
85	53.6	41.6	62.4
99	63.8	47.8	71.8

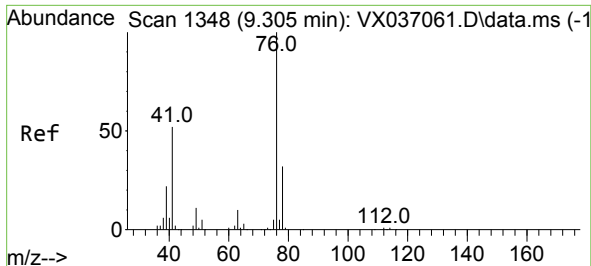


#56
Ethyl methacrylate
Concen: 53.560 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 69 Resp: 161760

Ion	Ratio	Lower	Upper
69	100		
41	56.1	56.8	85.2#
39	31.2	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 52.760 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

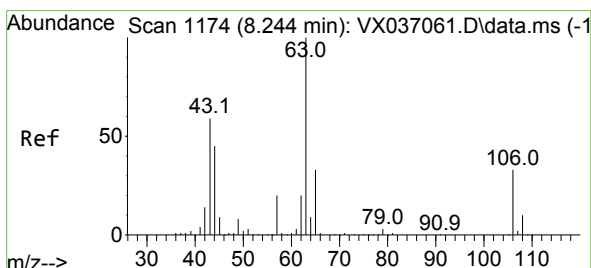
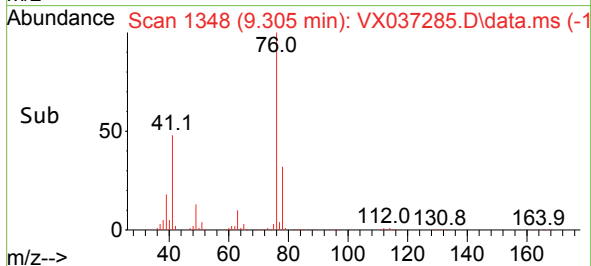
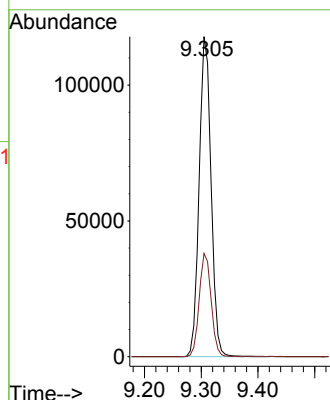
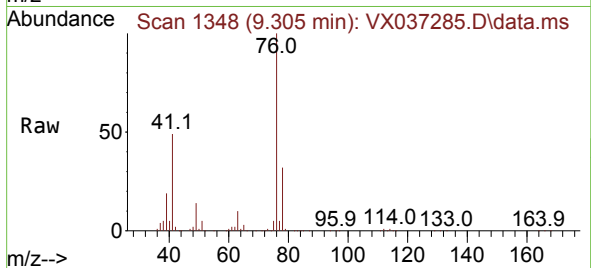
VSTDCCC050

Tgt Ion: 76 Resp: 171492

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 259.572 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037285.D

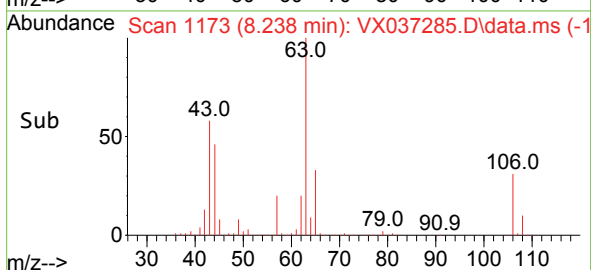
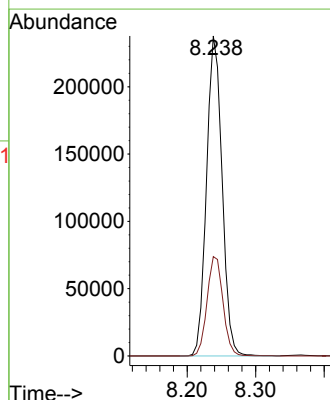
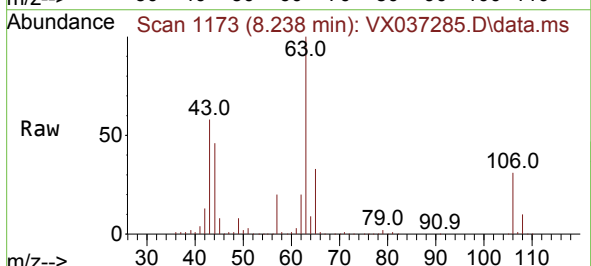
Acq: 28 Aug 2023 11:12

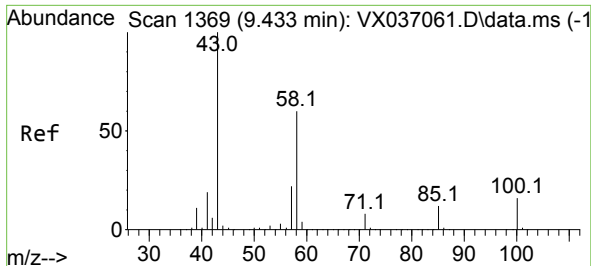
Tgt Ion: 63 Resp: 376213

Ion Ratio Lower Upper

63 100

106 31.8 22.5 33.7

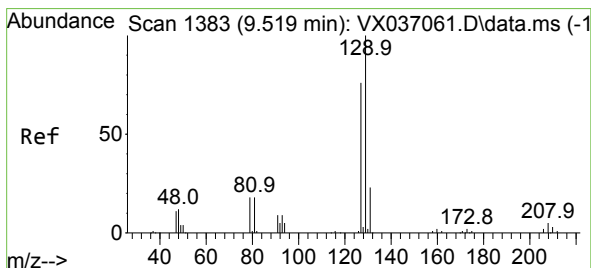
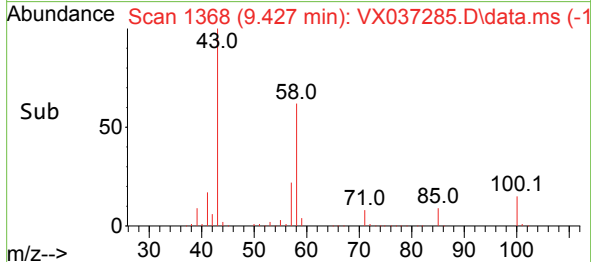
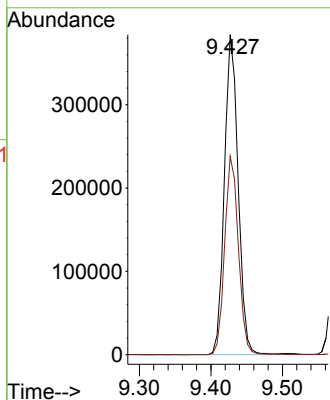
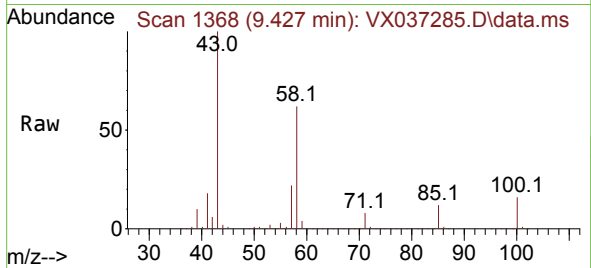




#59
2-Hexanone
Concen: 272.647 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

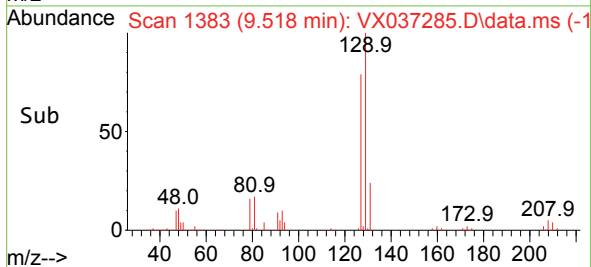
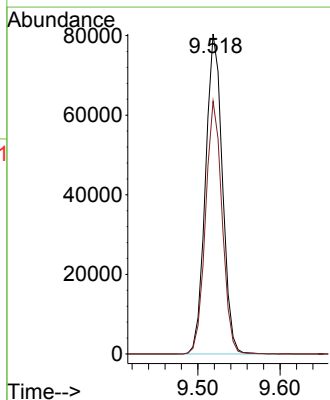
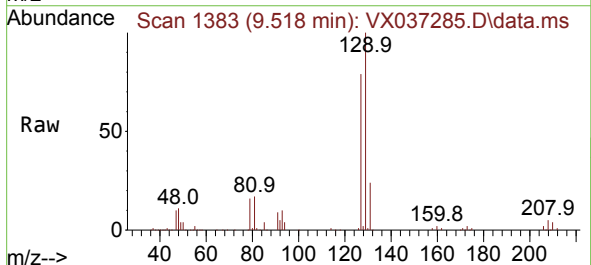
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

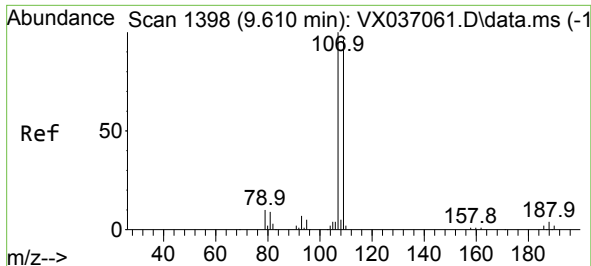
Tgt Ion: 43 Resp: 511573
Ion Ratio Lower Upper
43 100
58 62.2 26.2 78.5



#60
Dibromochloromethane
Concen: 55.853 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 129 Resp: 114661
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

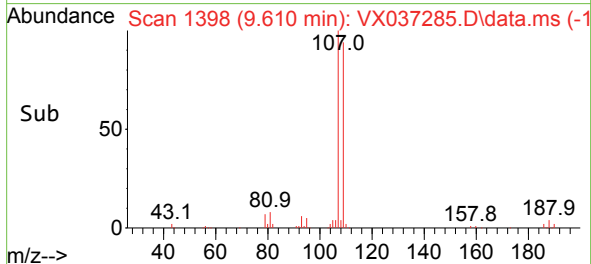
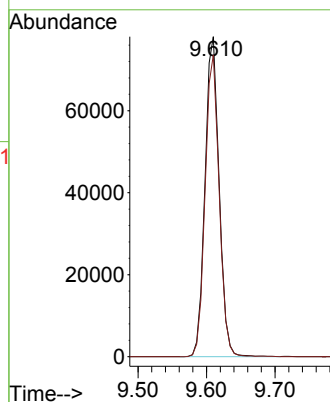
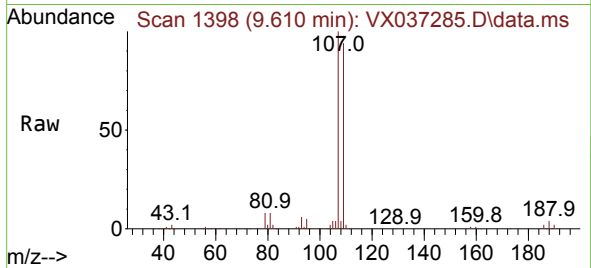




#61
1,2-Dibromoethane
Concen: 53.005 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

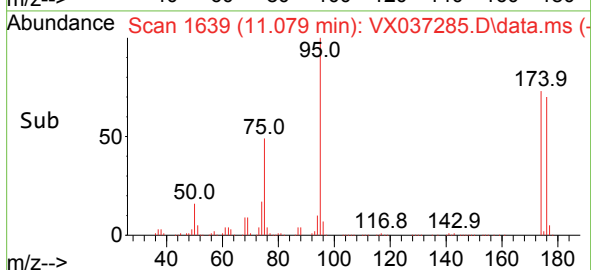
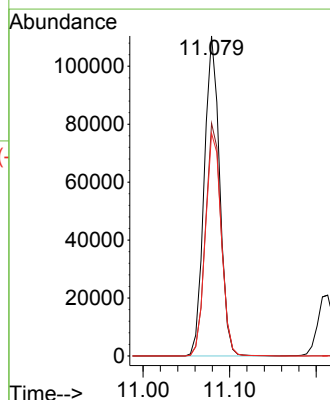
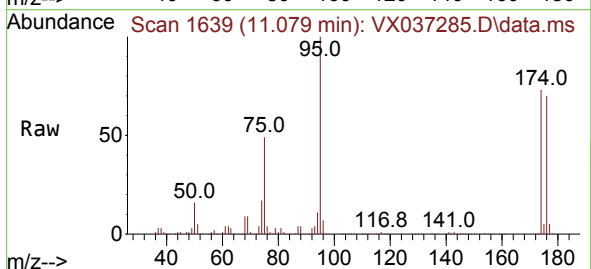
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

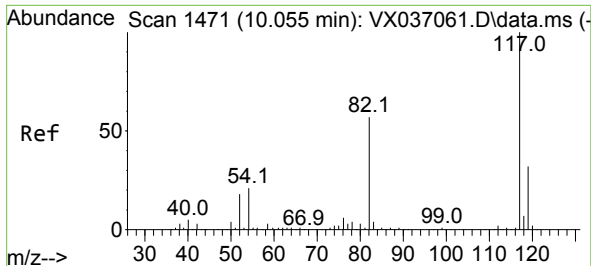
Tgt Ion:107 Resp: 111897
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 54.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 95 Resp: 136574
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.7 0.0 131.0

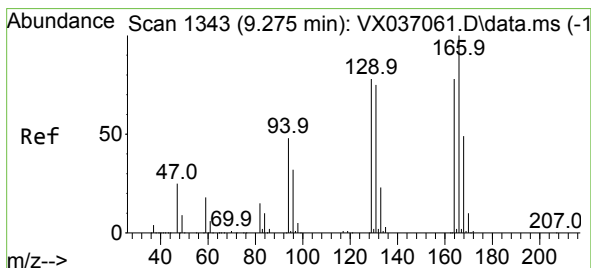
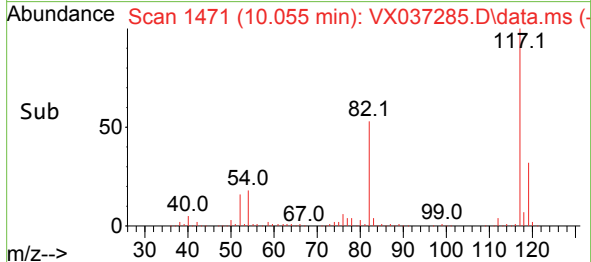
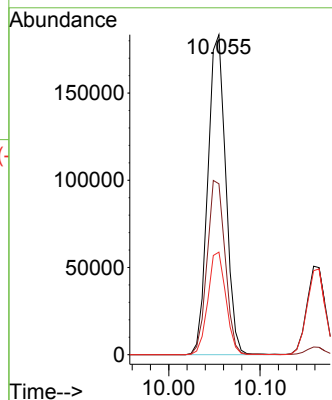
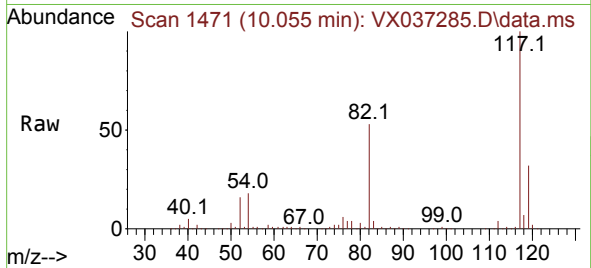




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

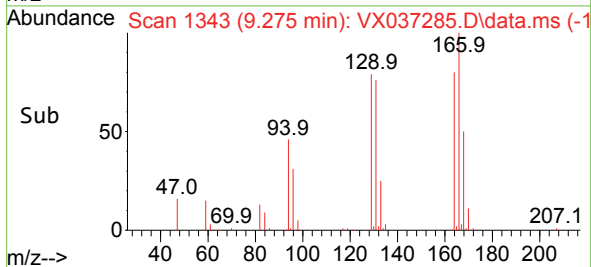
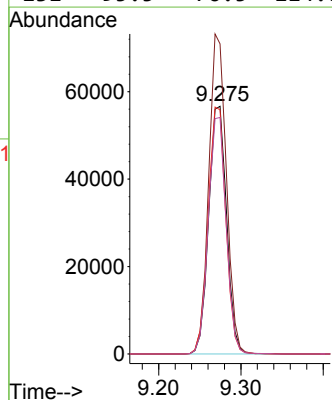
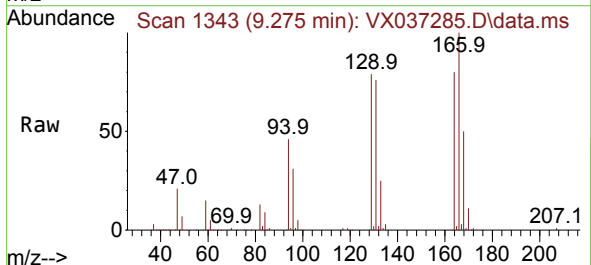
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

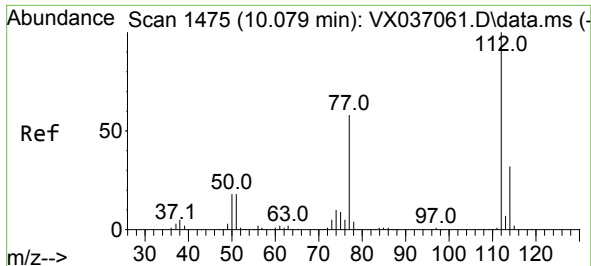
Tgt Ion:117 Resp: 249434
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 46.901 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion:164 Resp: 85343
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 98.5 80.4 120.6
131 95.5 76.5 114.7

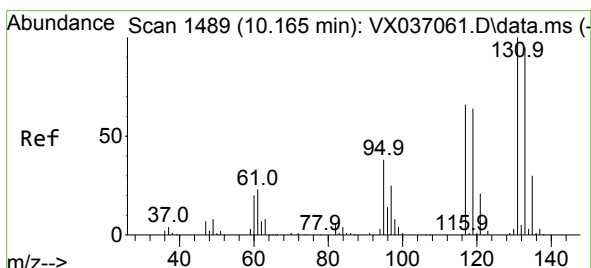
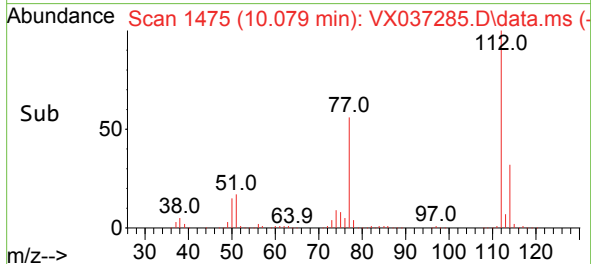
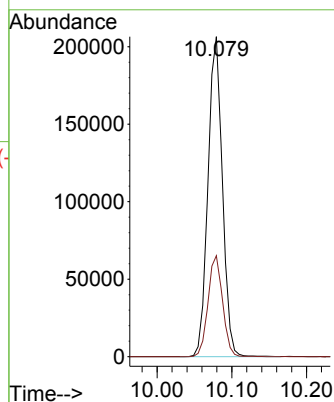
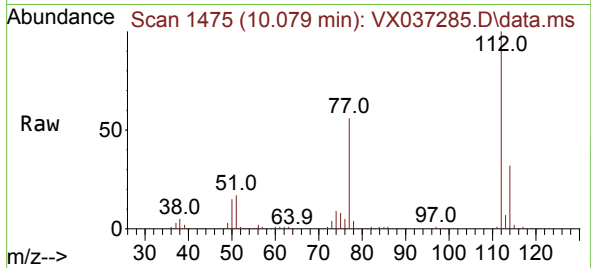




#65
Chlorobenzene
Concen: 52.354 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

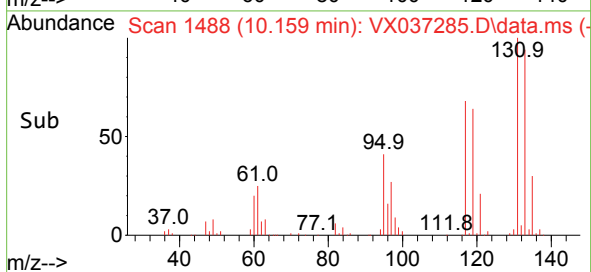
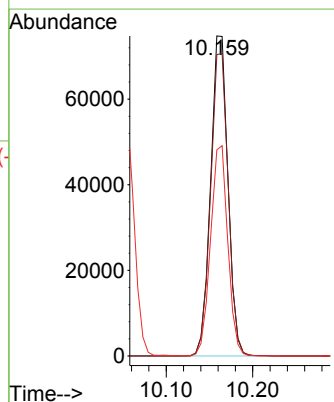
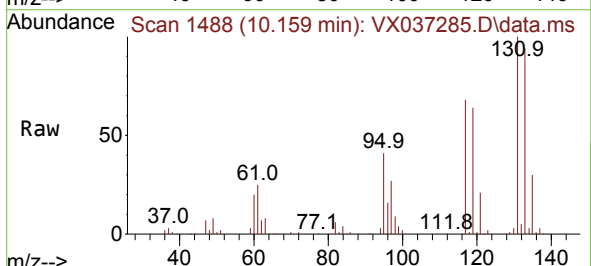
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

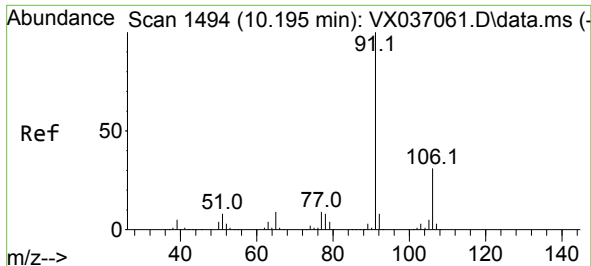
Tgt Ion:112 Resp: 276003
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.463 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion:131 Resp: 104025
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 65.5 32.2 96.6





#67

Ethyl Benzene

Concen: 53.111 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

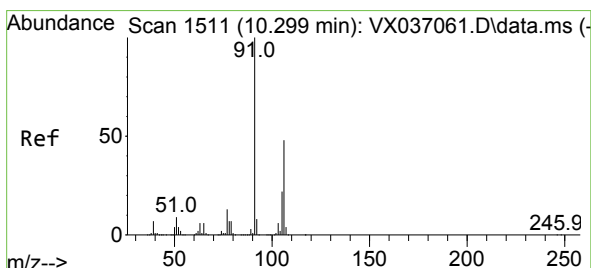
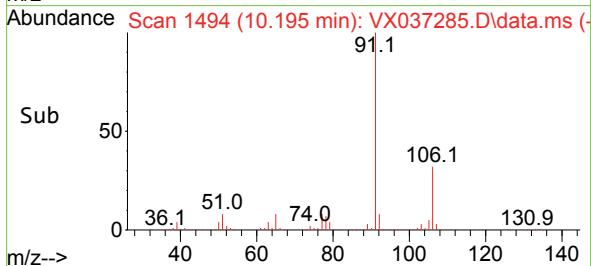
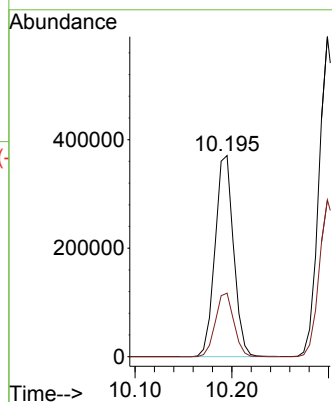
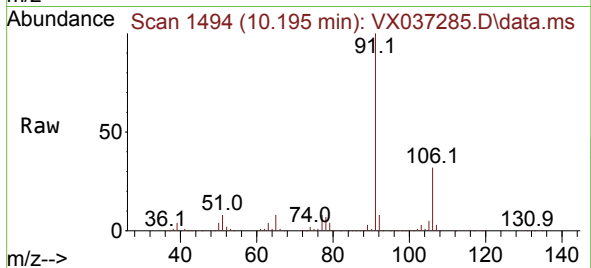
VSTDCCC050

Tgt Ion: 91 Resp: 492688

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 108.003 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037285.D

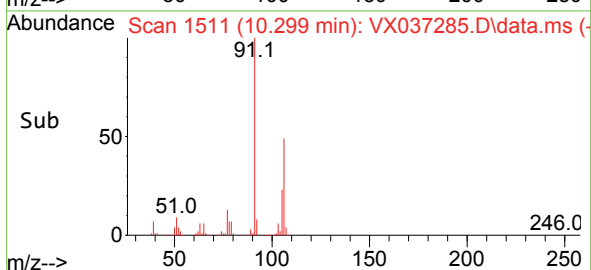
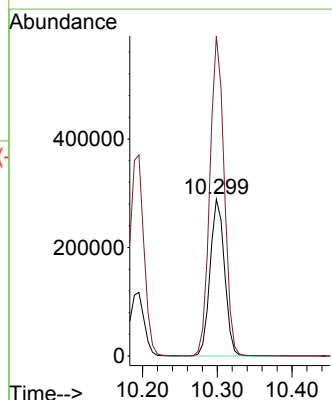
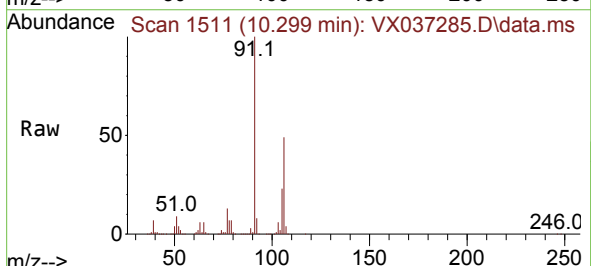
Acq: 28 Aug 2023 11:12

Tgt Ion: 106 Resp: 386905

Ion Ratio Lower Upper

106 100

91 202.9 165.5 248.3





#69

o-Xylene

Concen: 53.968 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

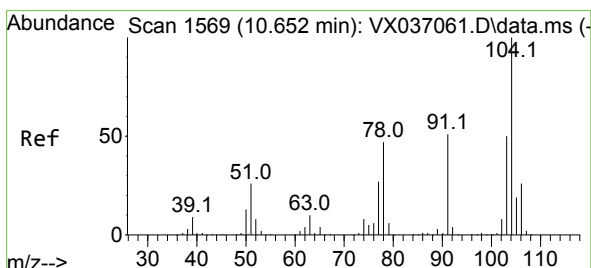
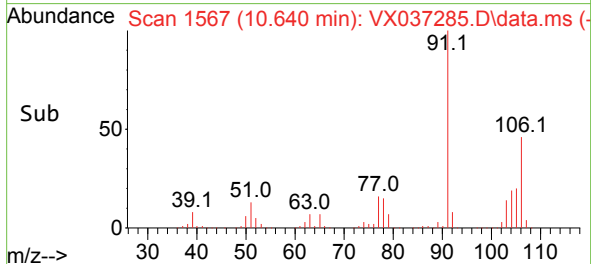
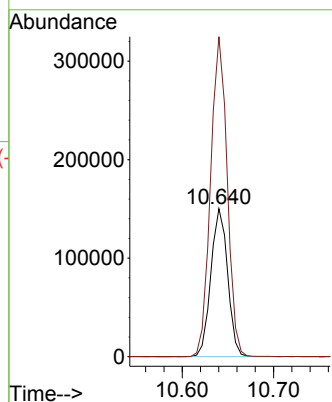
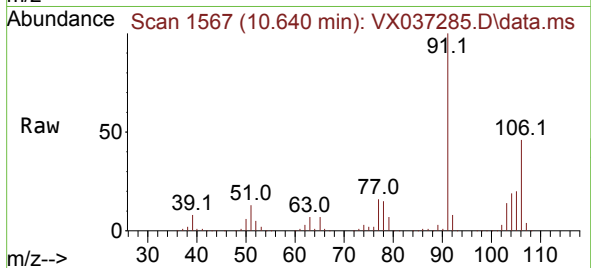
VSTDCCC050

Tgt Ion:106 Resp: 190743

Ion Ratio Lower Upper

106 100

91 214.8 108.9 326.8



#70

Styrene

Concen: 55.240 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

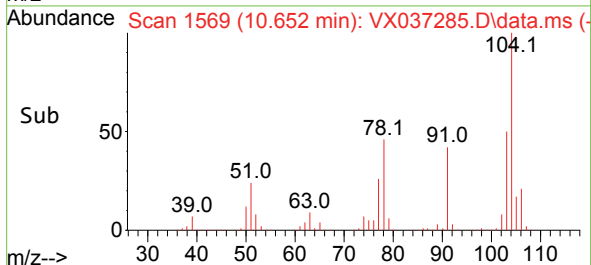
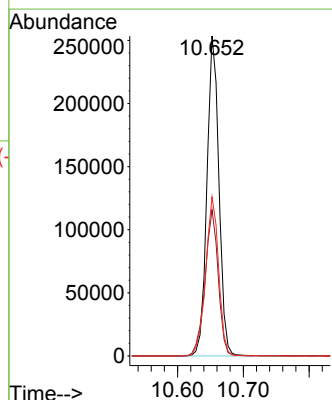
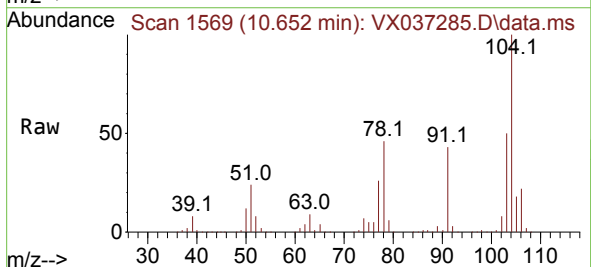
Tgt Ion:104 Resp: 321609

Ion Ratio Lower Upper

104 100

78 50.2 43.6 65.4

103 53.8 43.6 65.4





#71

Bromoform

Concen: 58.444 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

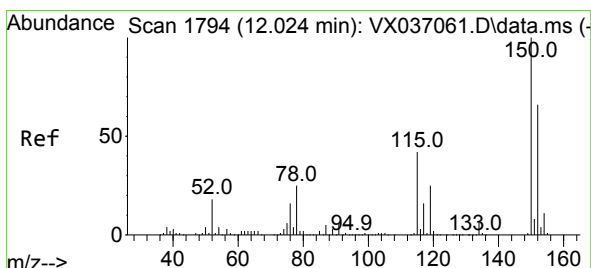
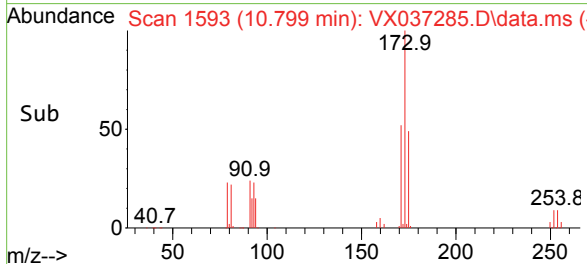
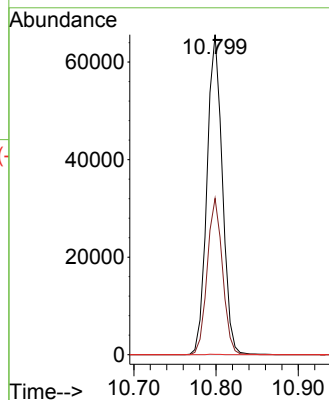
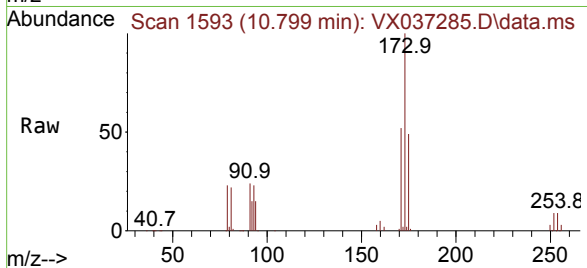
Tgt Ion:173 Resp: 85061

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

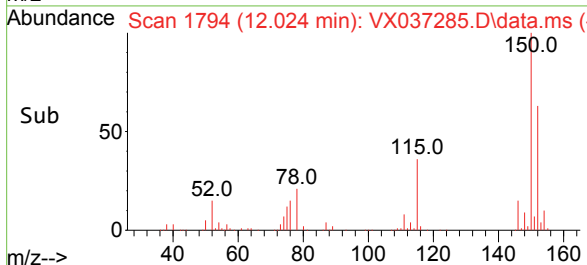
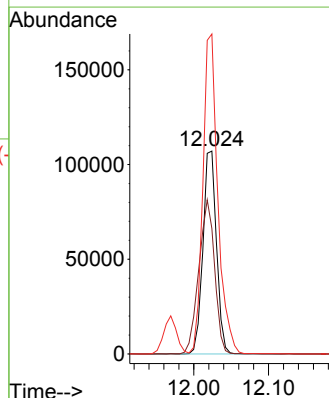
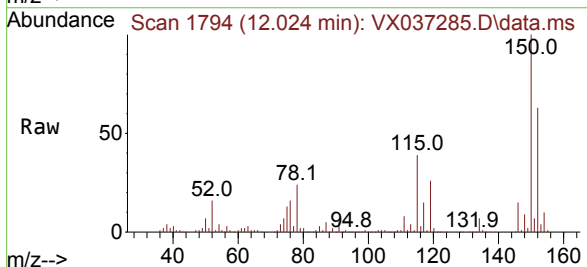
Tgt Ion:152 Resp: 134646

Ion Ratio Lower Upper

152 100

115 88.6 43.3 129.9

150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 51.499 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

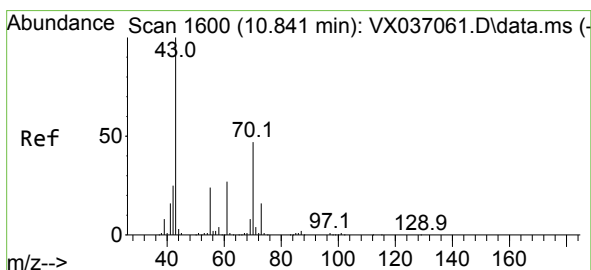
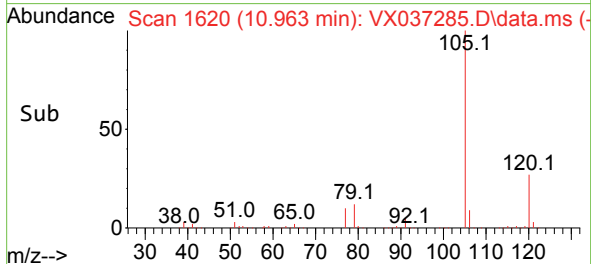
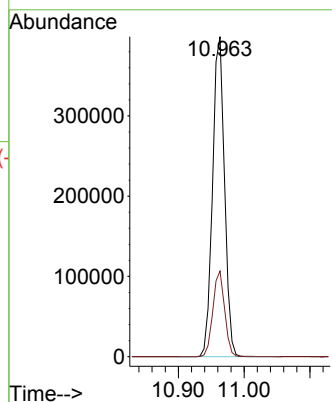
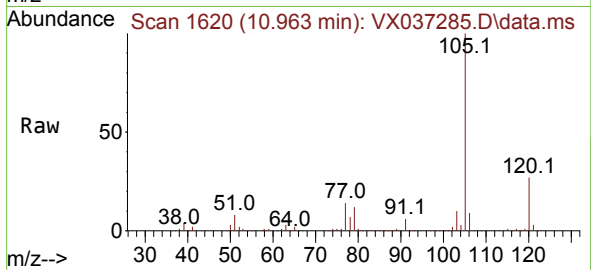
VSTDCCC050

Tgt Ion:105 Resp: 504004

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 48.597 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Tgt Ion: 43 Resp: 184801

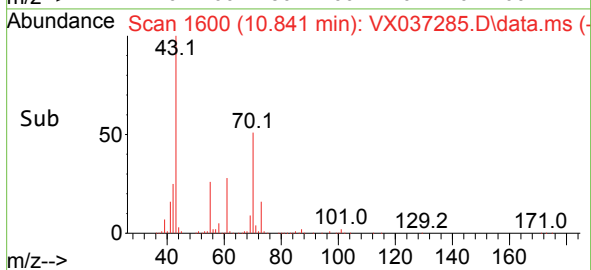
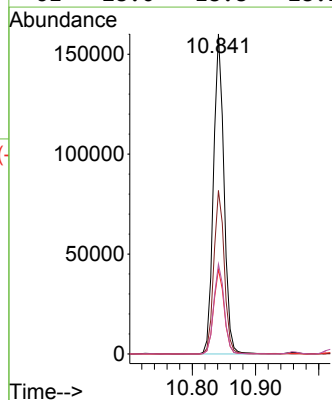
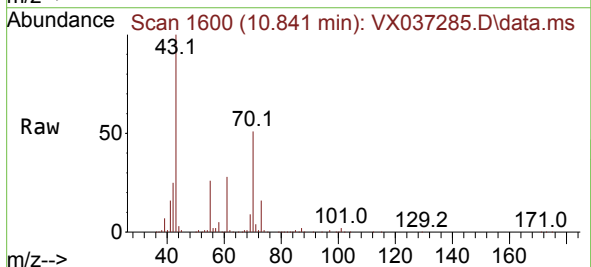
Ion Ratio Lower Upper

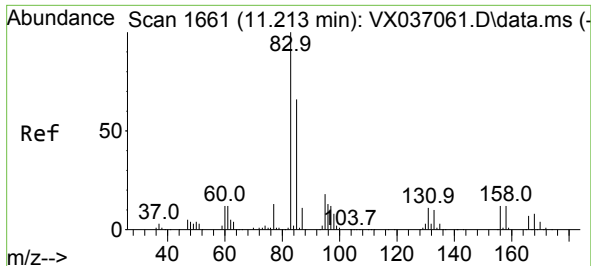
43 100

70 51.1 32.9 49.3#

55 26.5 19.3 28.9

61 28.0 18.8 28.2

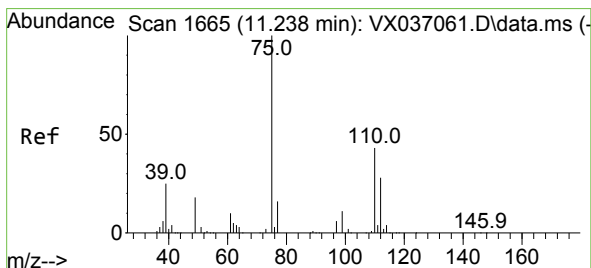
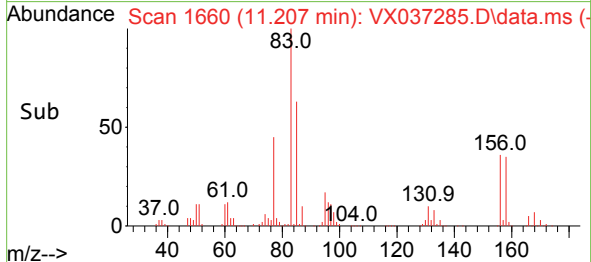
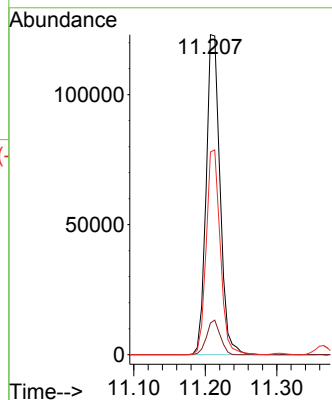
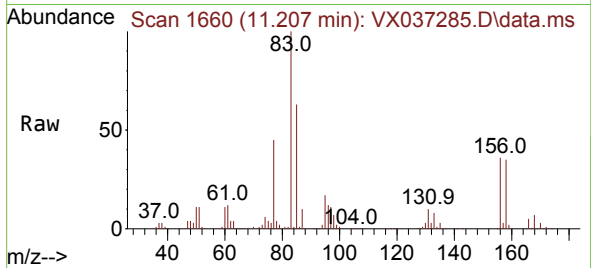




#75
1,1,2,2-Tetrachloroethane
Concen: 50.338 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

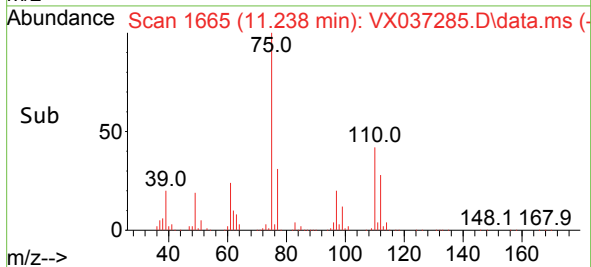
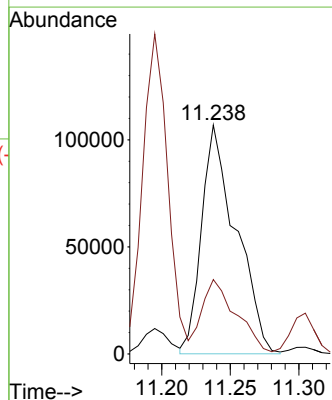
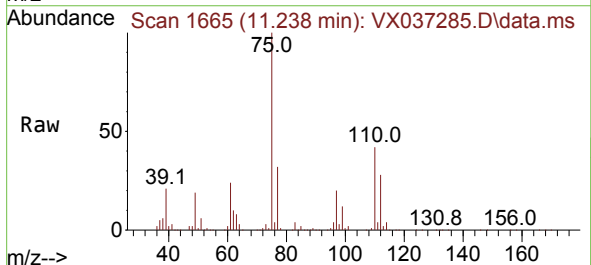
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

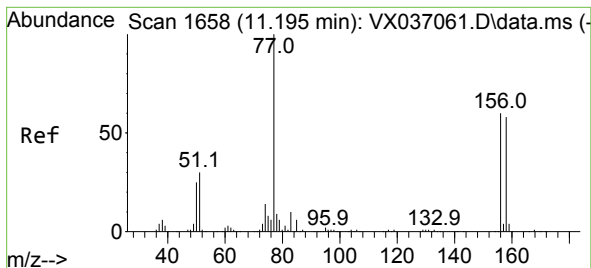
Tgt Ion: 83 Resp: 165911
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 64.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 65.346 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 75 Resp: 187381
Ion Ratio Lower Upper
75 100
77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 49.544 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

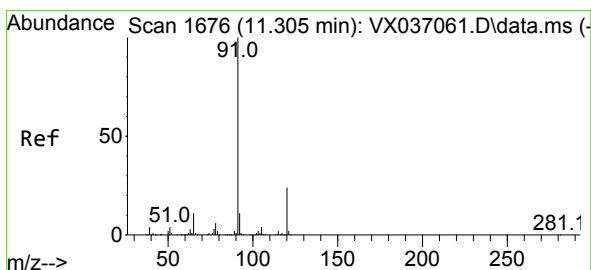
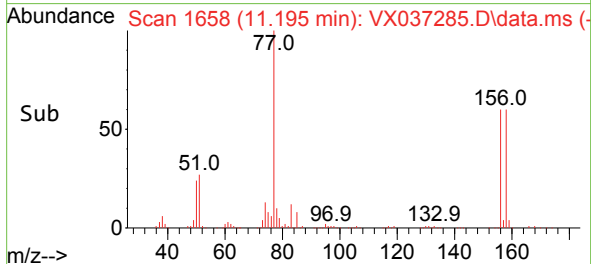
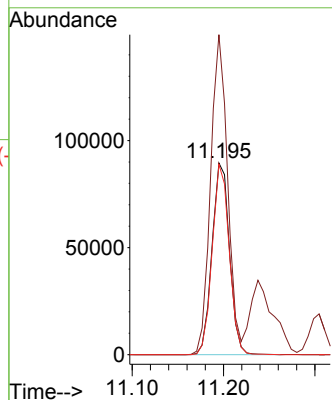
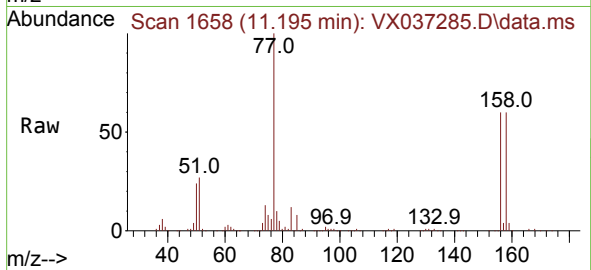
Tgt Ion:156 Resp: 118419

Ion Ratio Lower Upper

156 100

77 162.3 88.4 265.3

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 53.369 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037285.D

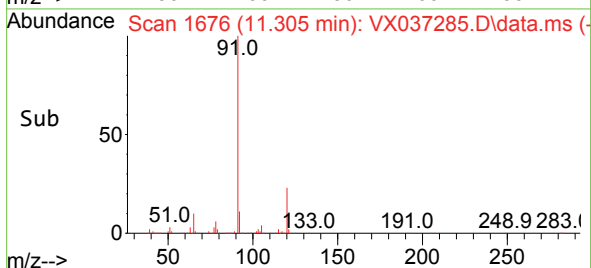
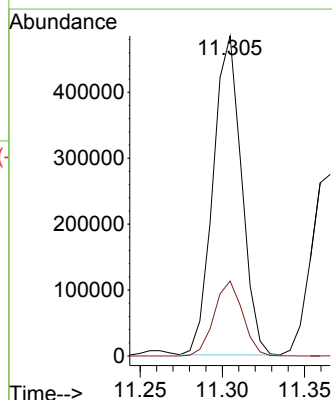
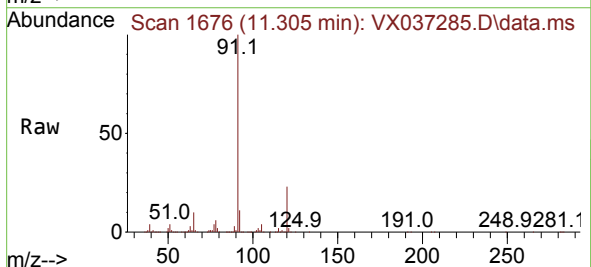
Acq: 28 Aug 2023 11:12

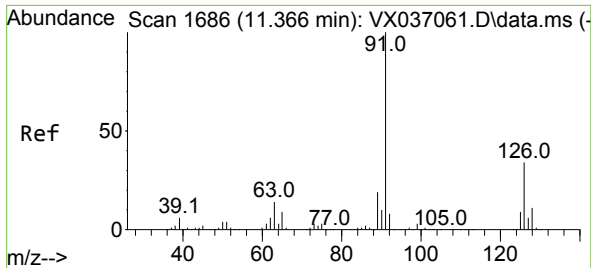
Tgt Ion: 91 Resp: 581597

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

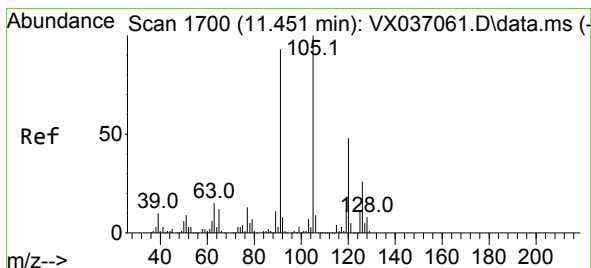
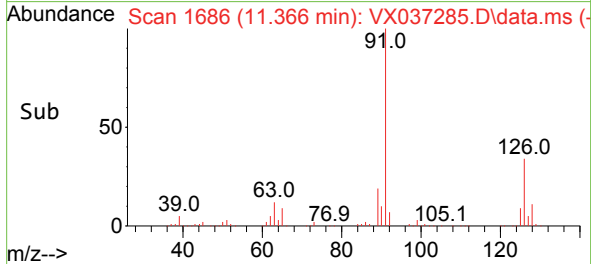
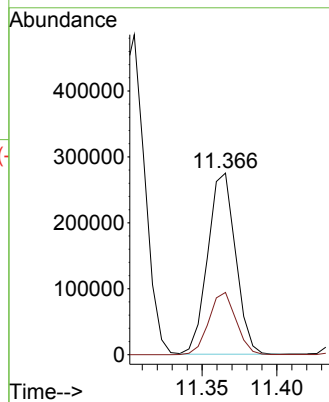
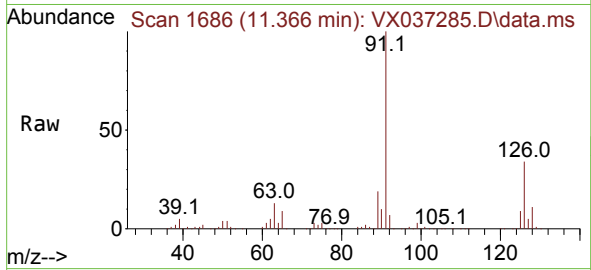




#79
2-Chlorotoluene
Concen: 51.051 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

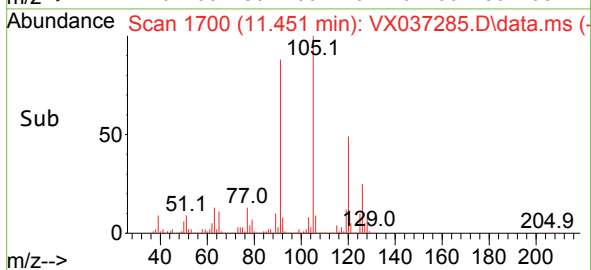
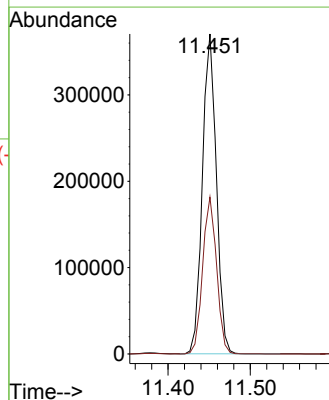
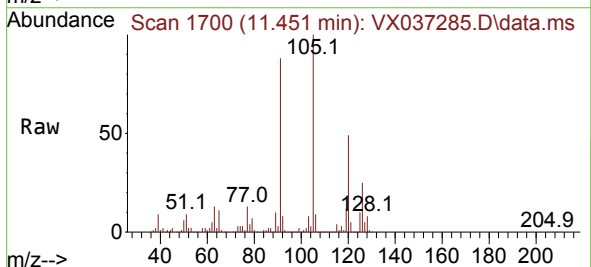
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

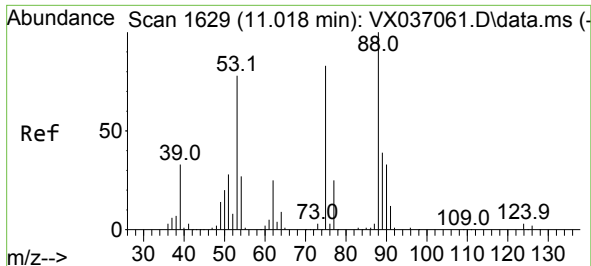
Tgt Ion: 91 Resp: 355521
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.450 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 105 Resp: 436364
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3

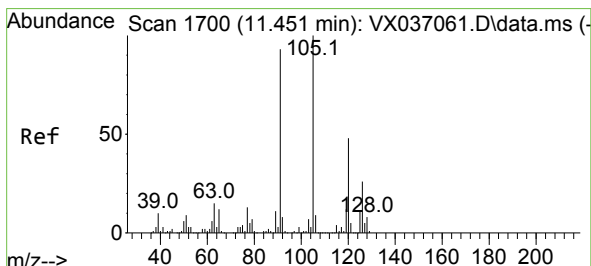
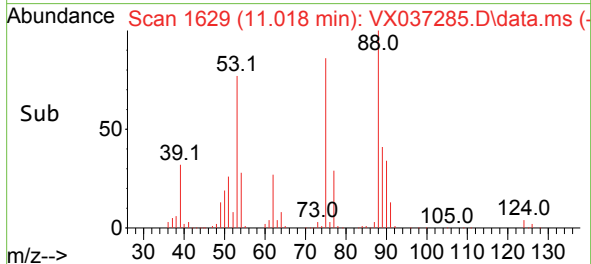
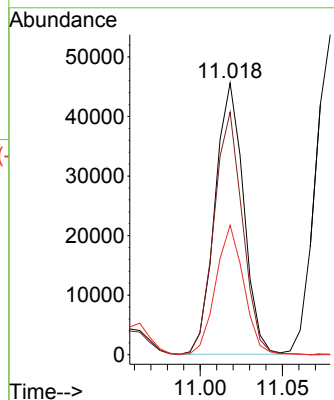
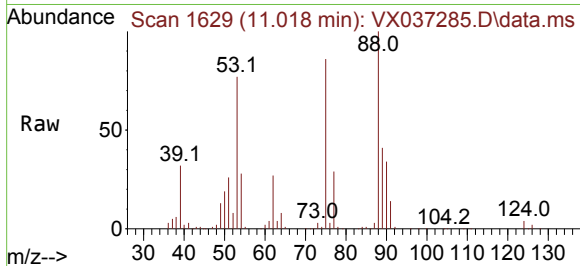




#81
trans-1,4-Dichloro-2-butene
Concen: 53.689 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

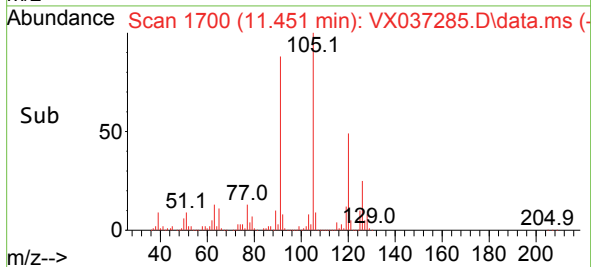
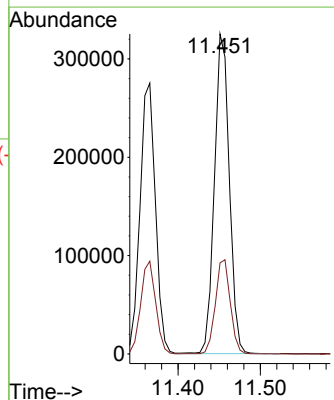
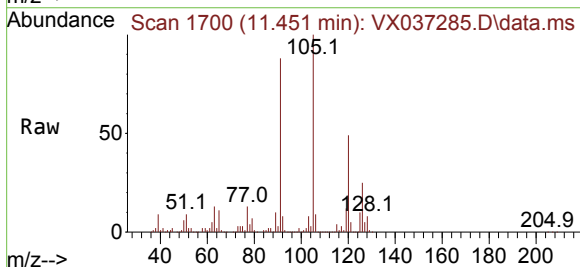
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

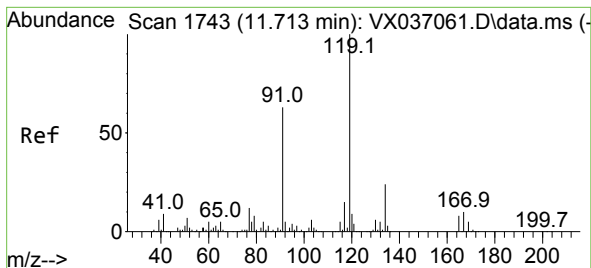
Tgt Ion: 75 Resp: 55120
Ion Ratio Lower Upper
75 100
53 89.3 90.5 135.7#
89 46.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.865 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037285.D
Acq: 28 Aug 2023 11:12

Tgt Ion: 91 Resp: 408900
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 56.370 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

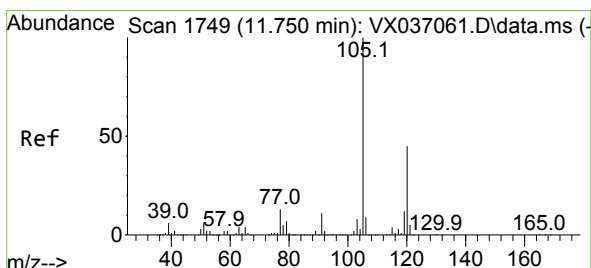
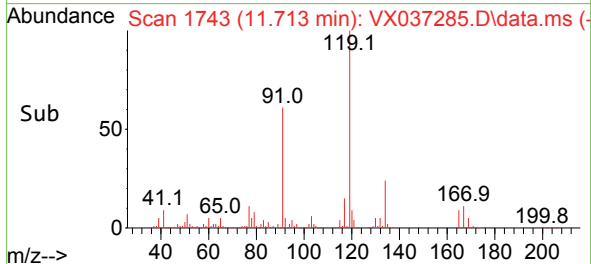
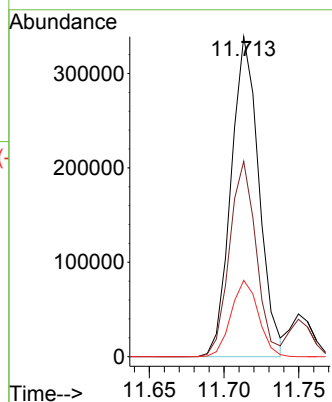
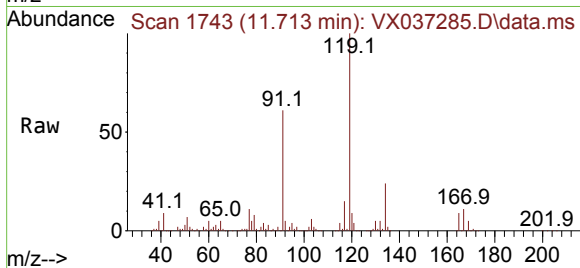
Tgt Ion:119 Resp: 438891

Ion Ratio Lower Upper

119 100

91 58.8 31.2 93.6

134 23.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.537 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037285.D

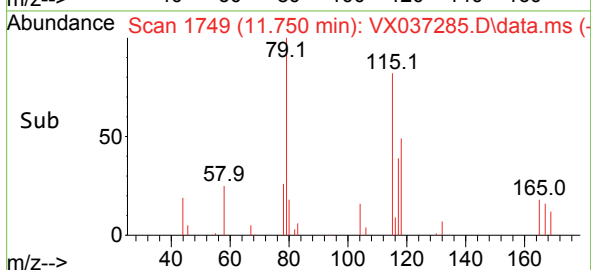
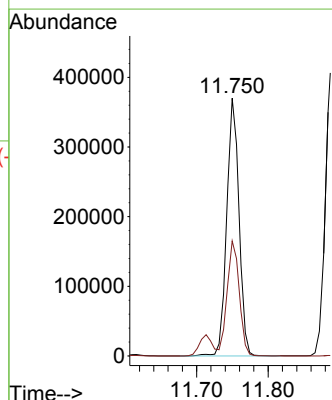
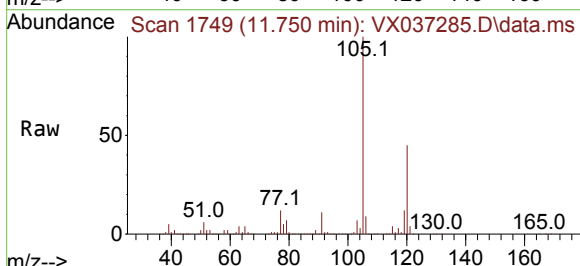
Acq: 28 Aug 2023 11:12

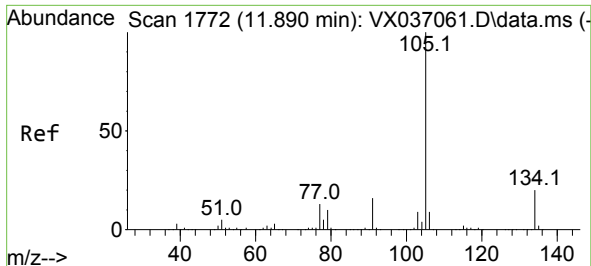
Tgt Ion:105 Resp: 441723

Ion Ratio Lower Upper

105 100

120 43.9 21.2 63.6

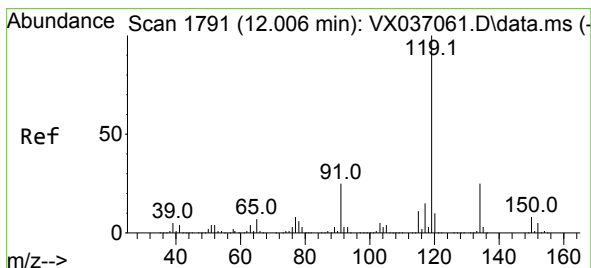
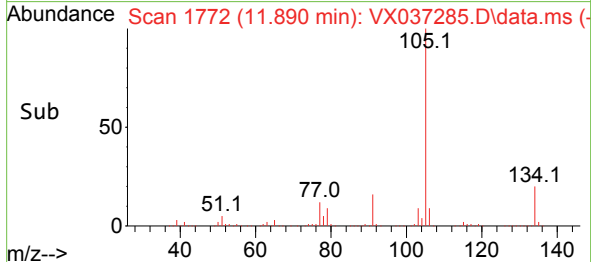
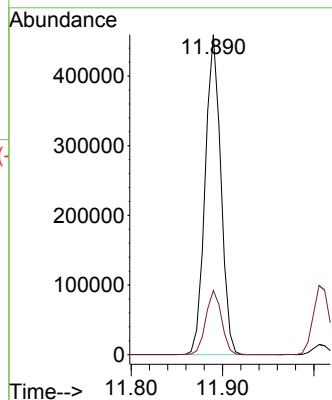
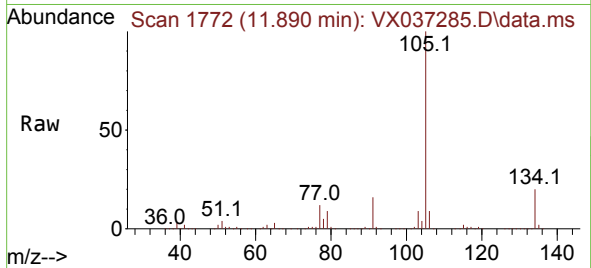




#85
 sec-Butylbenzene
 Concen: 60.005 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

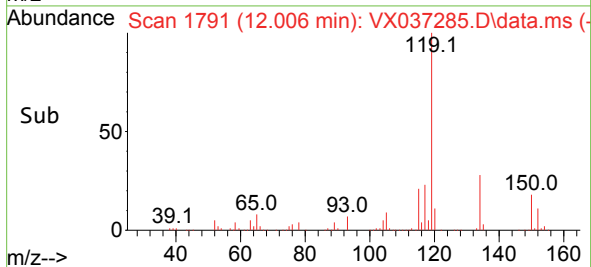
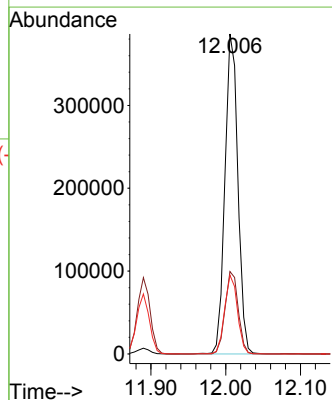
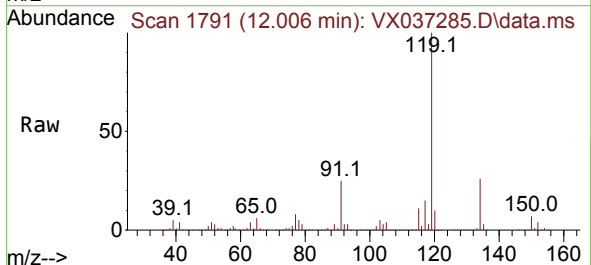
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

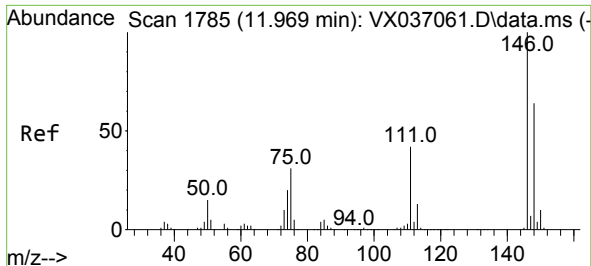
Tgt Ion:105 Resp: 545698
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 59.487 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

Tgt Ion:119 Resp: 465708
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.688 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

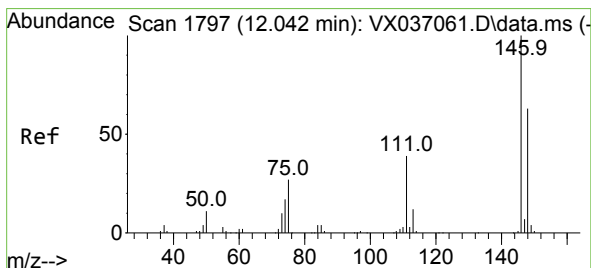
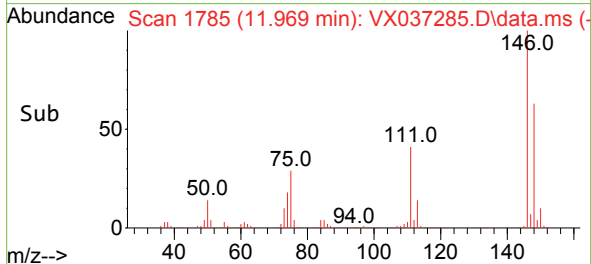
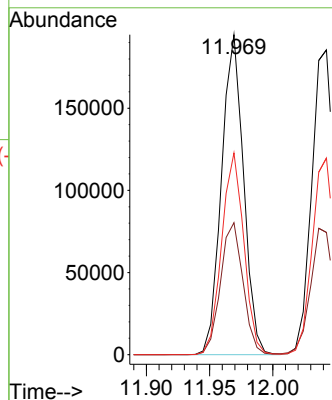
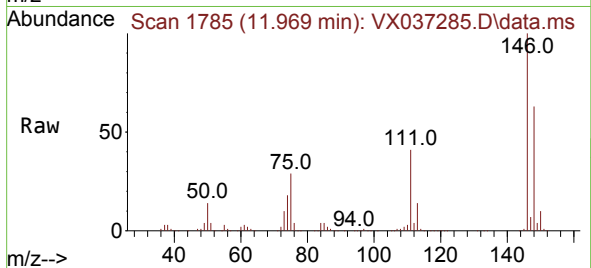
Tgt Ion:146 Resp: 235775

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.224 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

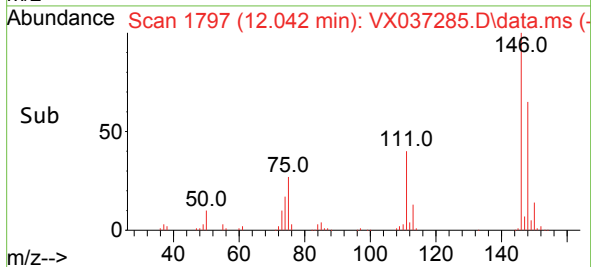
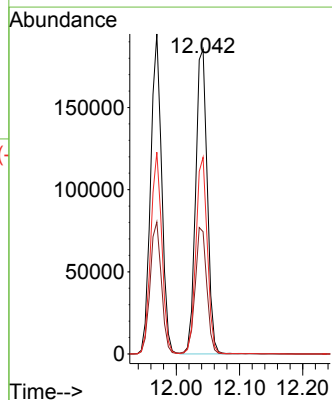
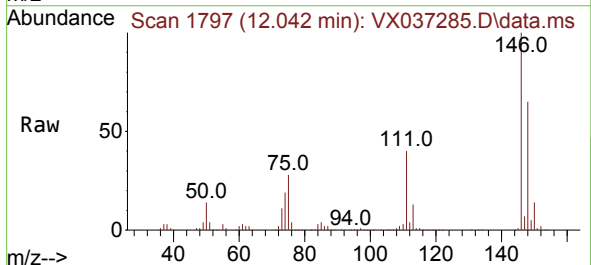
Tgt Ion:146 Resp: 236827

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 62.333 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

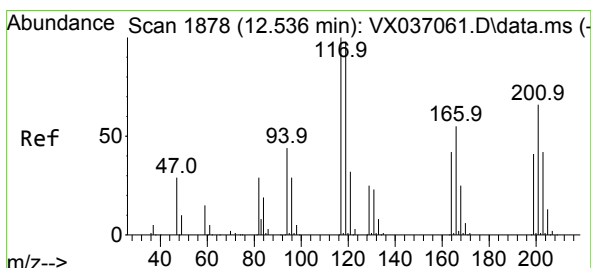
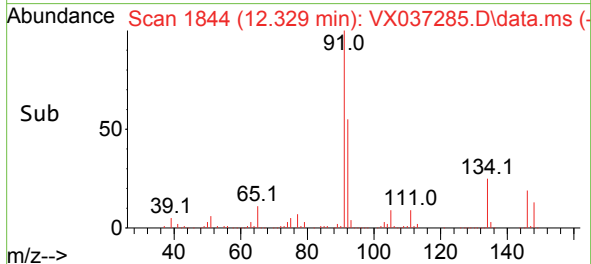
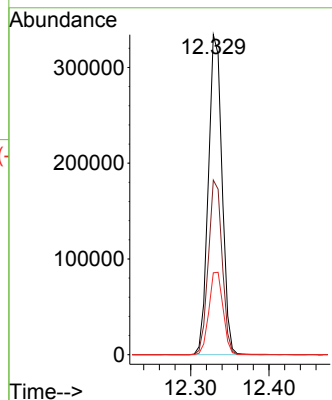
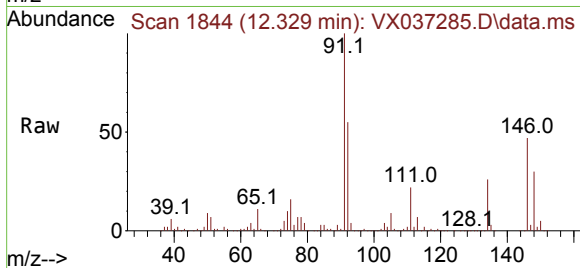
Tgt Ion: 91 Resp: 404579

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.0

134 26.6 12.6 37.8



#90

Hexachloroethane

Concen: 64.145 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037285.D

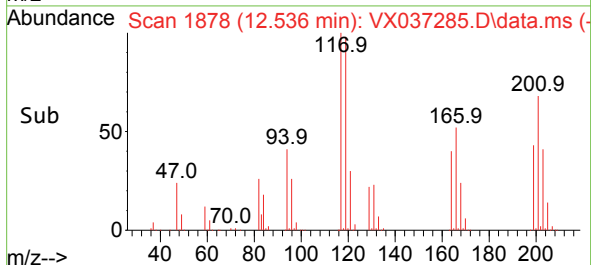
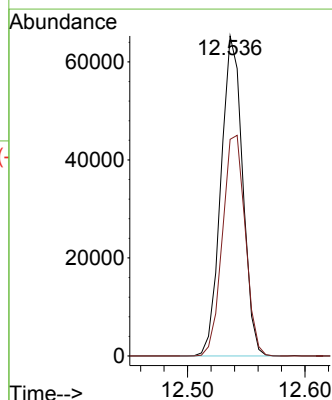
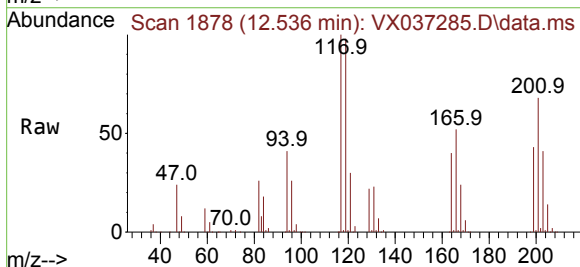
Acq: 28 Aug 2023 11:12

Tgt Ion: 117 Resp: 83817

Ion Ratio Lower Upper

117 100

201 72.3 32.9 98.6

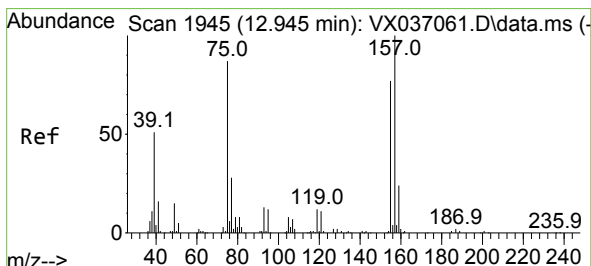
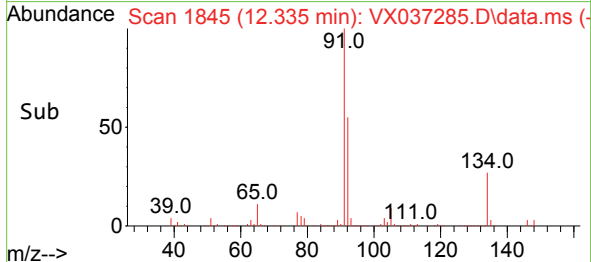
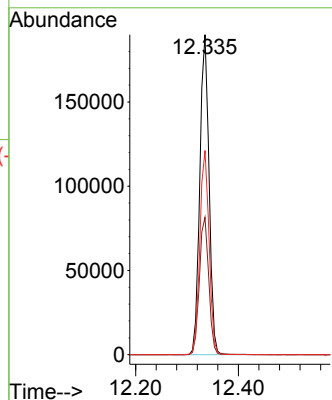
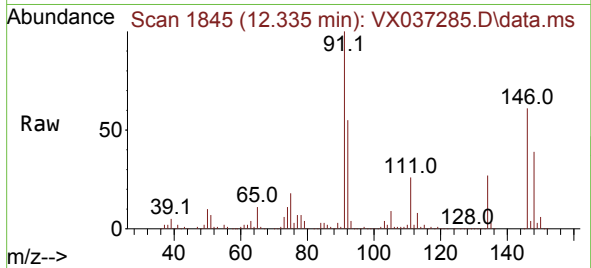




#91
 1,2-Dichlorobenzene
 Concen: 53.867 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

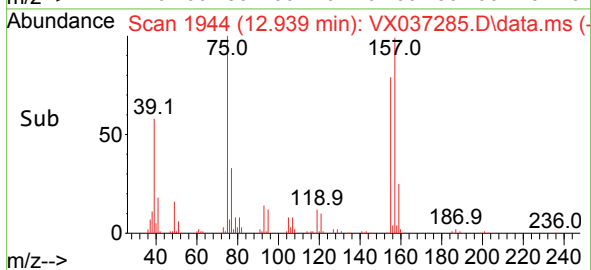
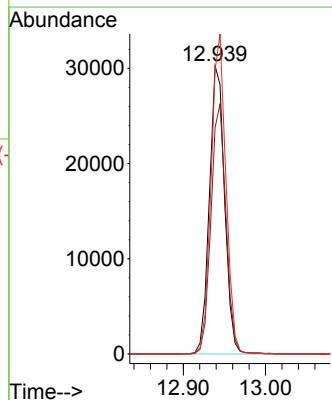
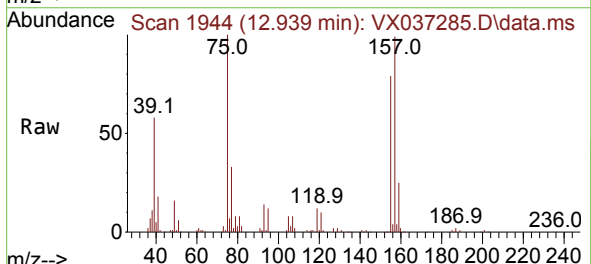
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

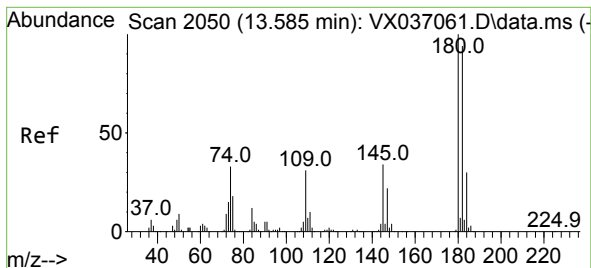
Tgt Ion:146 Resp: 236042
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.4 67.0
 148 63.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.682 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX037285.D
 Acq: 28 Aug 2023 11:12

Tgt Ion: 75 Resp: 38814
 Ion Ratio Lower Upper
 75 100
 155 85.8 36.1 108.5
 157 108.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 57.838 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

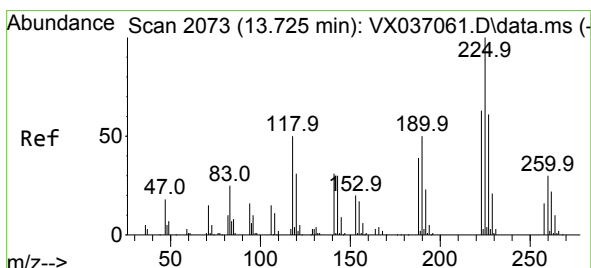
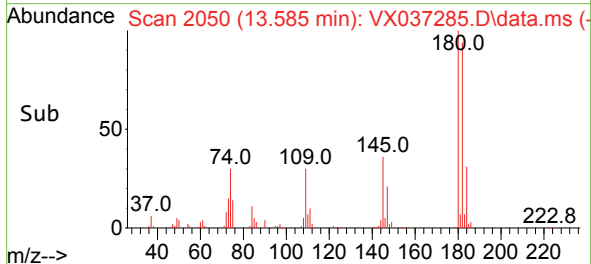
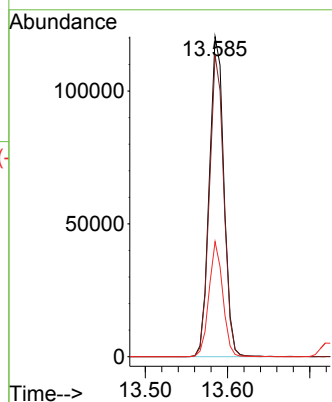
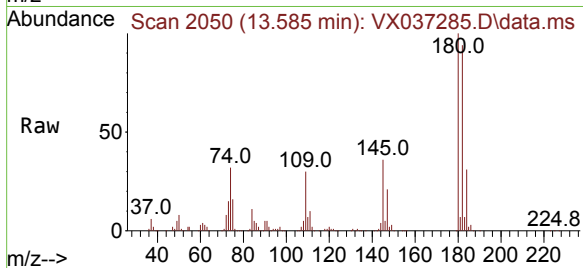
Tgt Ion:180 Resp: 148294

Ion Ratio Lower Upper

180 100

182 93.3 48.3 144.8

145 34.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 65.413 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

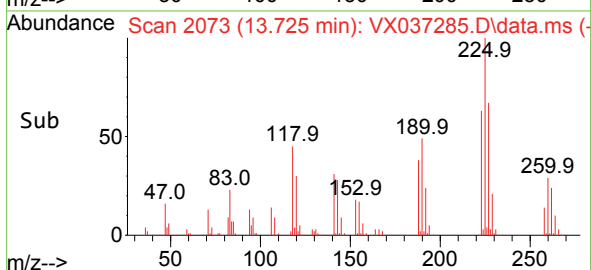
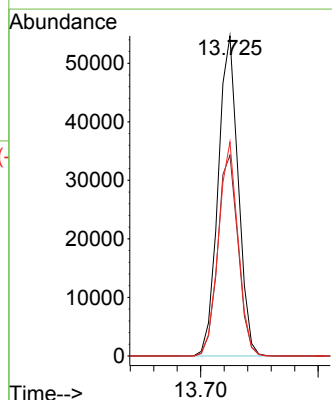
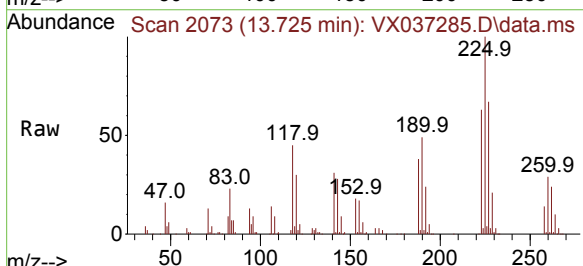
Tgt Ion:225 Resp: 64793

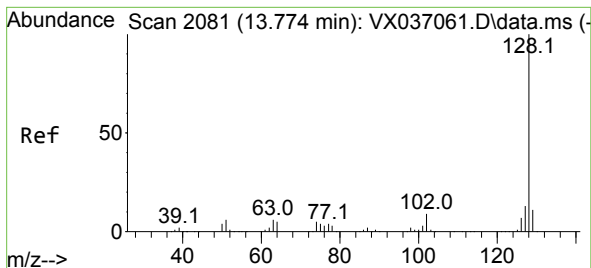
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 65.3 32.5 97.5





#95

Naphthalene

Concen: 44.908 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

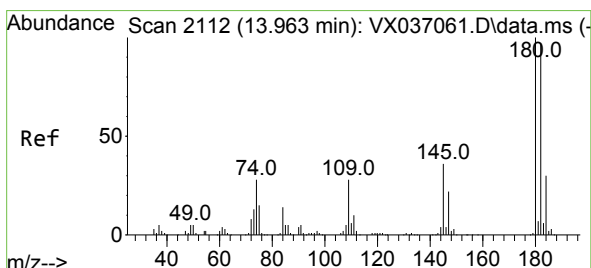
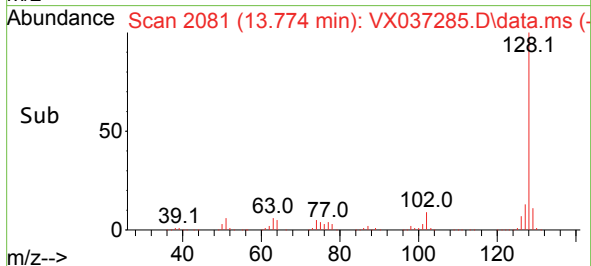
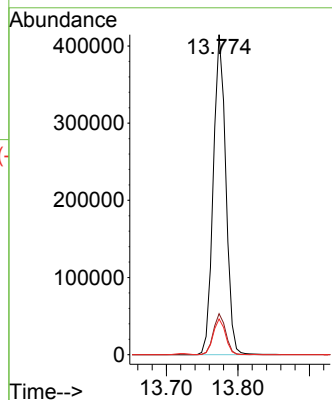
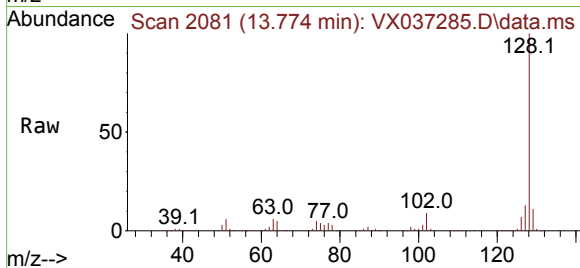
Tgt Ion:128 Resp: 504366

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 57.306 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037285.D

Acq: 28 Aug 2023 11:12

Tgt Ion:180 Resp: 145978

Ion Ratio Lower Upper

180 100

182 92.6 46.9 140.6

145 34.7 17.8 53.5

