

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037121.D
 Acq On : 19 Aug 2023 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 21 01:46:22 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	5.550	168	151016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	267707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115010	52.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.660%	
35) Dibromofluoromethane	5.385	113	92027	51.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	8.647	98	339028	52.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	11.079	95	134637	53.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94625	53.941	ug/l	99
3) Chloromethane	1.294	50	80525	52.470	ug/l	96
4) Vinyl Chloride	1.374	62	88144	52.765	ug/l	99
5) Bromomethane	1.599	94	38947	46.805	ug/l	98
6) Chloroethane	1.678	64	47717	48.541	ug/l	99
7) Trichlorofluoromethane	1.886	101	148669	54.330	ug/l	99
8) Diethyl Ether	2.136	74	54736	51.702	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	78588	49.229	ug/l	97
10) Methyl Iodide	2.453	142	107946	55.636	ug/l	96
11) Tert butyl alcohol	2.959	59	116076	227.282	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	79009	50.824	ug/l	86
13) Acrolein	2.233	56	70716	182.013	ug/l	98
14) Allyl chloride	2.666	41	113374	47.118	ug/l #	94
15) Acrylonitrile	3.062	53	225935	247.856	ug/l	99
16) Acetone	2.379	43	203084	238.438	ug/l	91
17) Carbon Disulfide	2.514	76	193939	49.046	ug/l	99
18) Methyl Acetate	2.703	43	155615	48.525	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	299616	50.818	ug/l	97
20) Methylene Chloride	2.788	84	92798	48.720	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	89034	50.382	ug/l	86
22) Diisopropyl ether	3.757	45	253169	51.274	ug/l #	90
23) Vinyl Acetate	3.721	43	962003	254.248	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	156523	50.551	ug/l	96
25) 2-Butanone	4.550	43	307843	240.043	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	76327	27.603	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	105144	50.469	ug/l	86
28) Bromochloromethane	4.897	49	74000	53.500	ug/l #	77
29) Tetrahydrofuran	5.001	42	196300	240.018	ug/l #	84
30) Chloroform	5.092	83	177219	50.987	ug/l	99
31) Cyclohexane	5.470	56	123693	50.527	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	160334	51.476	ug/l	97
36) 1,1-Dichloropropene	5.690	75	123021	48.839	ug/l	97
37) Ethyl Acetate	4.708	43	119625	46.491	ug/l #	94
38) Carbon Tetrachloride	5.678	117	137769	50.350	ug/l	99
39) Methylcyclohexane	7.379	83	127707	48.256	ug/l	90
40) Benzene	6.037	78	361256	50.006	ug/l	98

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	65191	48.737	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	143778	50.751	ug/l	96
43) Isopropyl Acetate	6.336	43	201073	49.222	ug/l #	92
44) Trichloroethene	7.122	130	101430	49.515	ug/l	99
45) 1,2-Dichloropropane	7.427	63	90403	50.752	ug/l	99
46) Dibromomethane	7.580	93	71980	51.295	ug/l	95
47) Bromodichloromethane	7.817	83	139254	51.810	ug/l	98
48) Methyl methacrylate	7.689	41	99696	50.043	ug/l #	87
49) 1,4-Dioxane	7.659	88	50607	943.222	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	611096	246.354	ug/l	92
52) Toluene	8.720	92	242723	50.852	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	139025	48.579	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	145942	47.191	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	101443	52.193	ug/l	98
56) Ethyl methacrylate	9.116	69	157115	51.608	ug/l	88
57) 1,3-Dichloropropane	9.305	76	168106	51.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	374265	256.173	ug/l	92
59) 2-Hexanone	9.427	43	460929	243.702	ug/l	89
60) Dibromochloromethane	9.518	129	112198	54.219	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109915	51.652	ug/l	100
64) Tetrachloroethene	9.275	164	91682	49.535	ug/l	98
65) Chlorobenzene	10.079	112	265810	49.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	102775	51.930	ug/l	99
67) Ethyl Benzene	10.195	91	470166	49.829	ug/l	99
68) m/p-Xylenes	10.299	106	364222	99.956	ug/l	99
69) o-Xylene	10.640	106	183521	51.048	ug/l	98
70) Styrene	10.652	104	303061	51.176	ug/l	98
71) Bromoform	10.799	173	79870	53.952	ug/l #	100
73) Isopropylbenzene	10.963	105	463826	51.968	ug/l	99
74) N-amyl acetate	10.841	43	172995	49.884	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	147139	48.952	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	161642	61.812	ug/l	90
77) Bromobenzene	11.195	156	112869	51.781	ug/l	93
78) n-propylbenzene	11.305	91	511766	51.494	ug/l	99
79) 2-Chlorotoluene	11.366	91	329290	51.849	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	395223	53.085	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37367	39.910	ug/l	90
82) 4-Chlorotoluene	11.451	91	375840	51.266	ug/l	98
83) tert-Butylbenzene	11.713	119	370776	52.219	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	394858	52.477	ug/l	97
85) sec-Butylbenzene	11.890	105	437977	52.809	ug/l	99
86) p-Isopropyltoluene	12.006	119	376968	52.800	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	205191	50.280	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	207779	49.280	ug/l	99
89) n-Butylbenzene	12.329	91	301947	51.011	ug/l	99
90) Hexachloroethane	12.536	117	65165	54.685	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	202639	50.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34325	49.147	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	112951	48.306	ug/l	97
94) Hexachlorobutadiene	13.725	225	42480	47.027	ug/l	99
95) Naphthalene	13.774	128	429000	41.885	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114969	49.490	ug/l	99

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QLast Update : Fri Aug 18 09:30:38 2023
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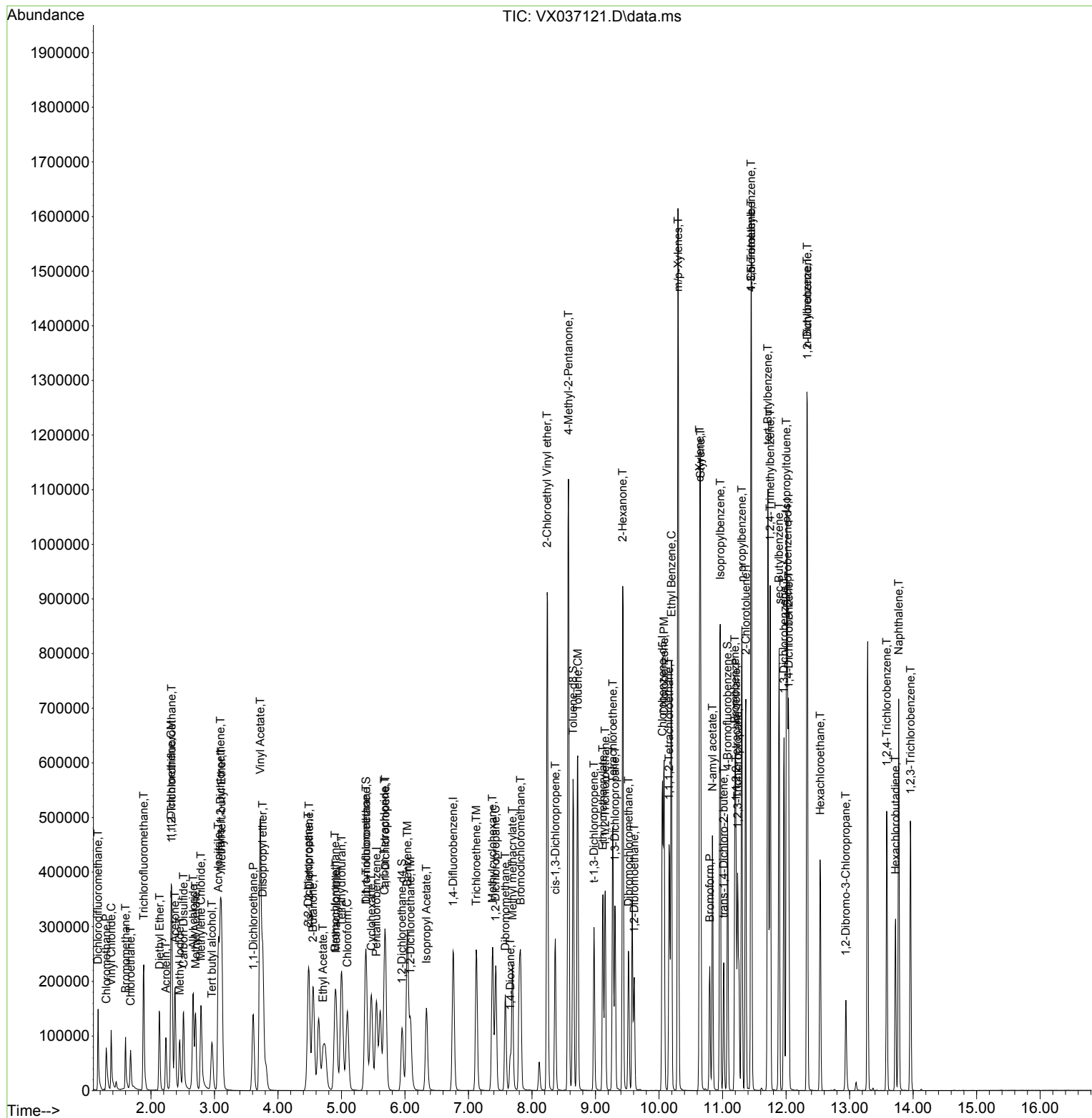
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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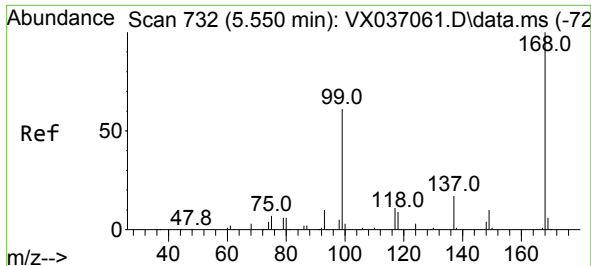
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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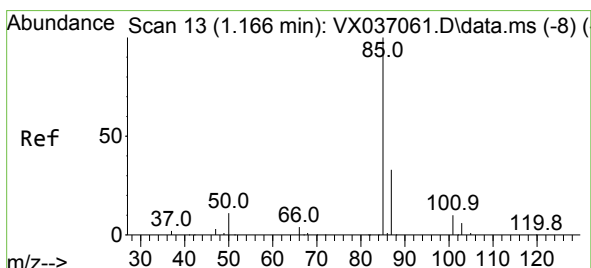
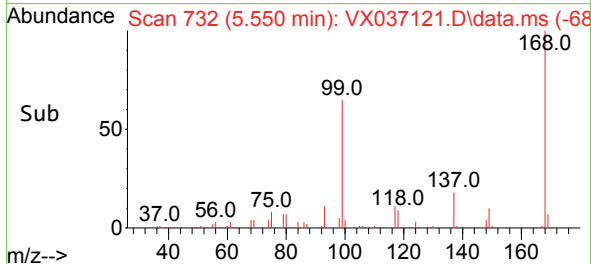
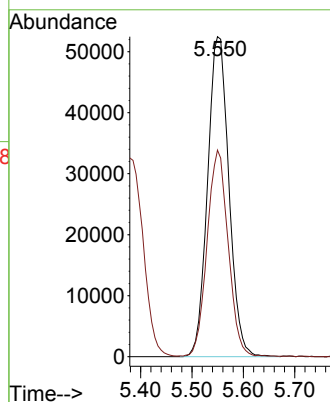
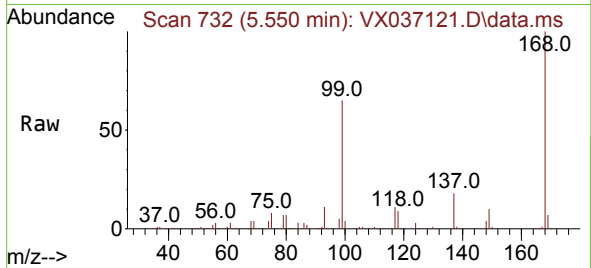




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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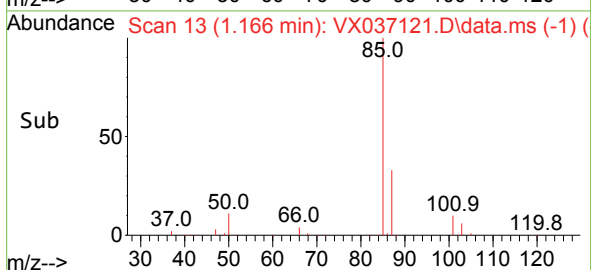
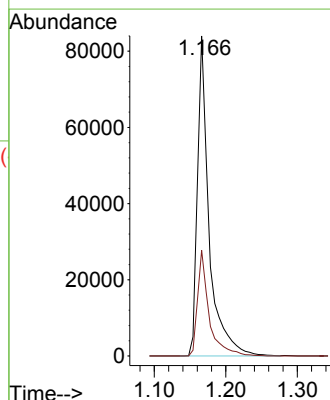
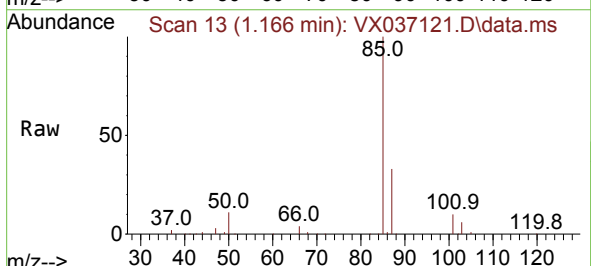
Instrument :
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ClientSampleId :
VSTDCCC050EC

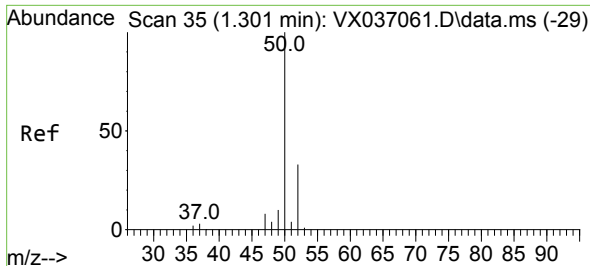
Tgt Ion:168 Resp: 151016
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 53.941 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 85 Resp: 94625
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1

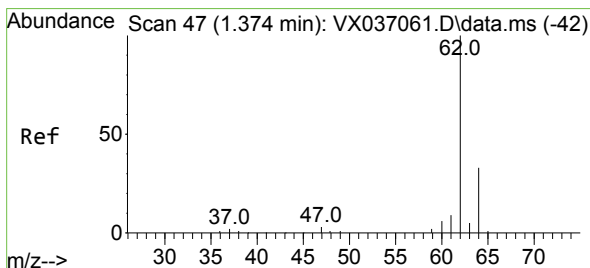
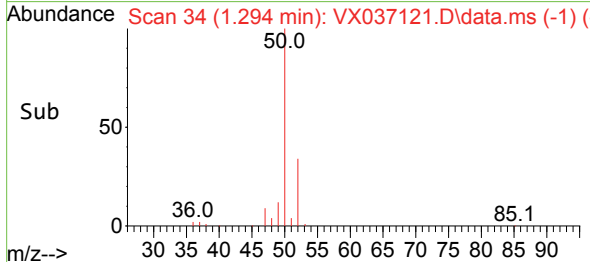
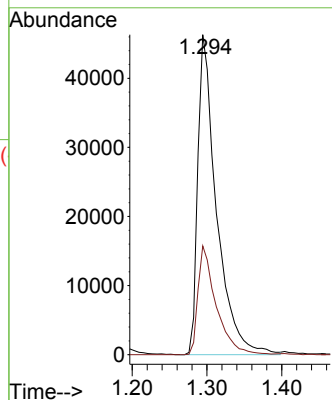
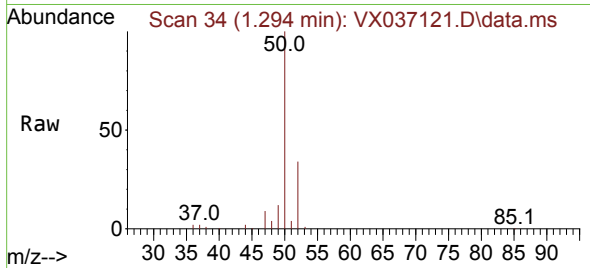




#3
Chloromethane
Concen: 52.470 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

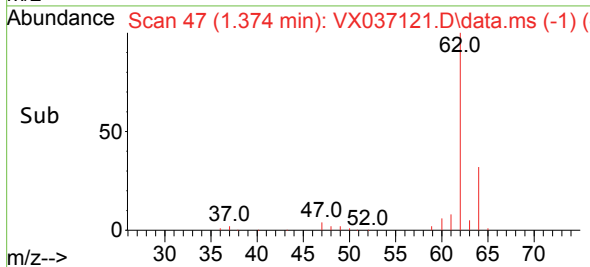
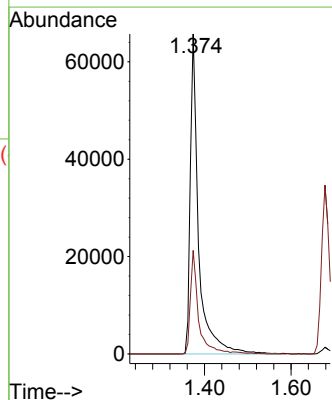
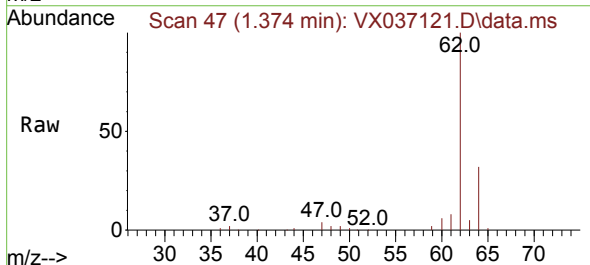
Instrument :
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ClientSampleId :
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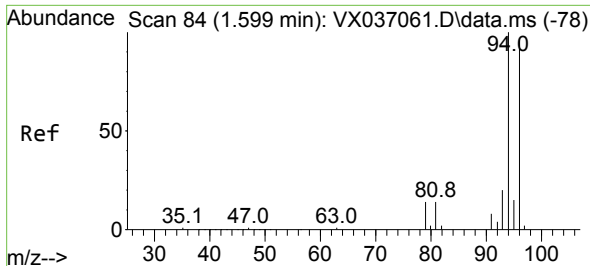
Tgt Ion: 50 Resp: 80525
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3



#4
Vinyl Chloride
Concen: 52.765 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 62 Resp: 88144
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0

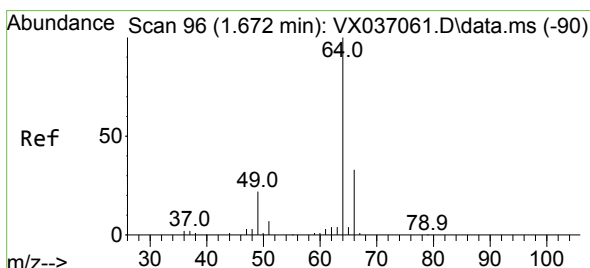
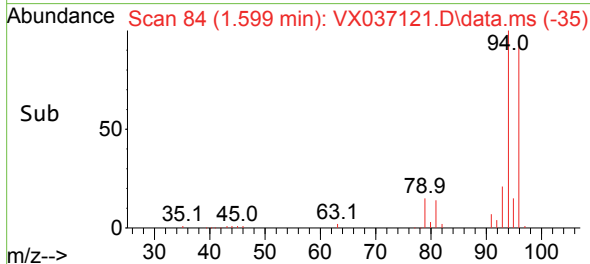
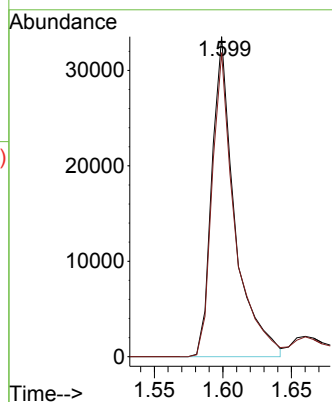
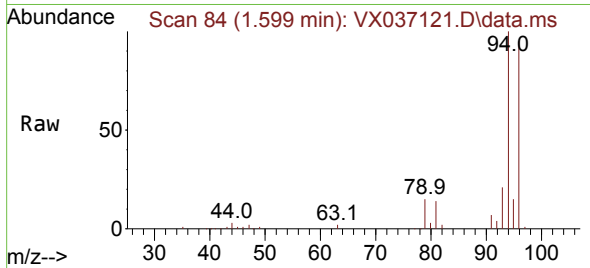




#5
Bromomethane
Concen: 46.805 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037121.D
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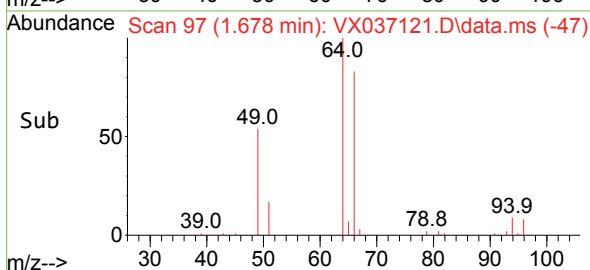
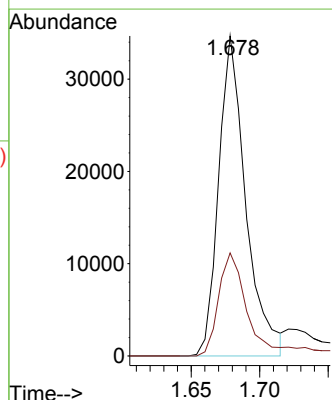
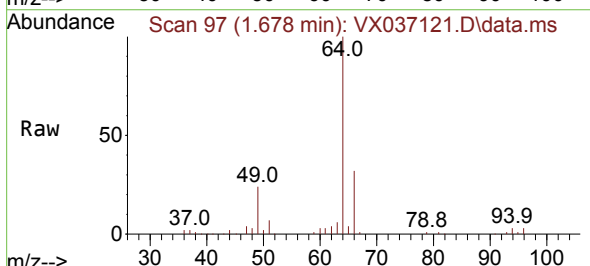
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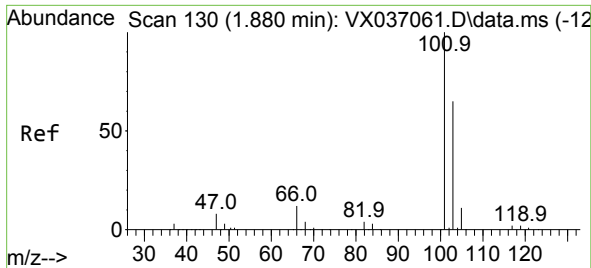
Tgt Ion: 94 Resp: 38947
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8



#6
Chloroethane
Concen: 48.541 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 64 Resp: 47717
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

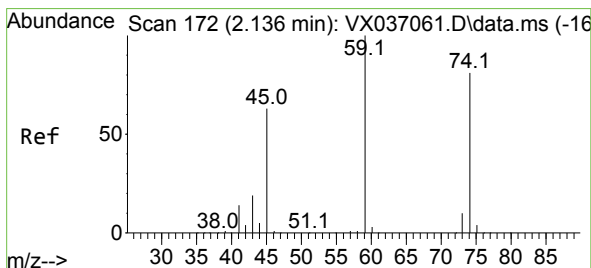
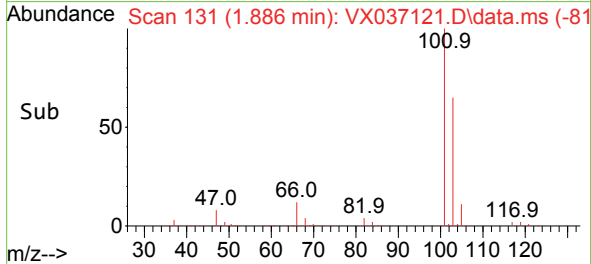
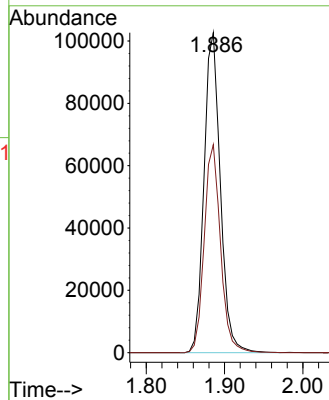
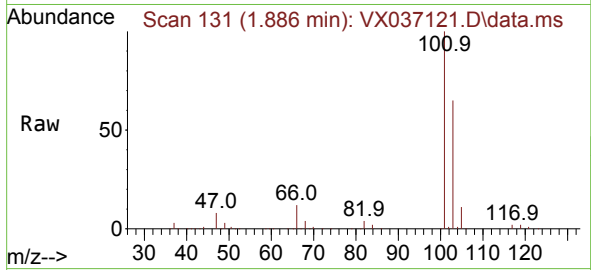




#7
Trichlorofluoromethane
Concen: 54.330 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

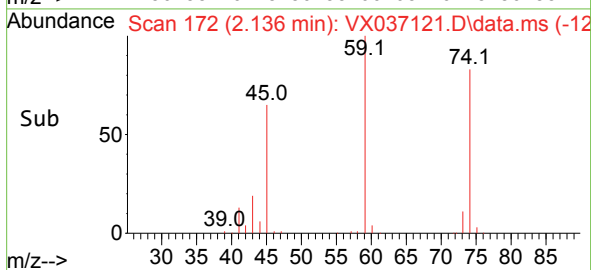
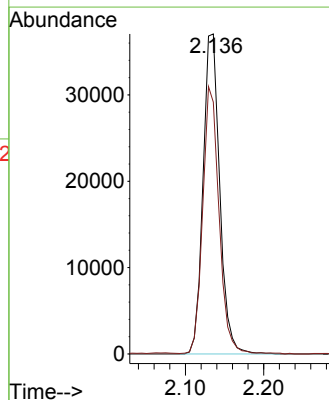
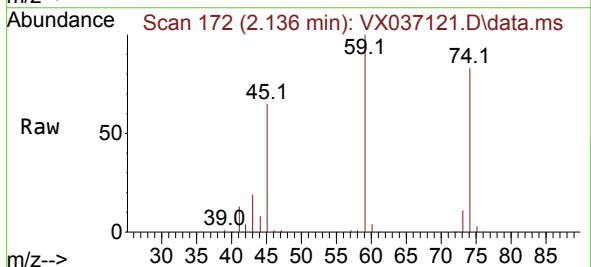
Instrument :
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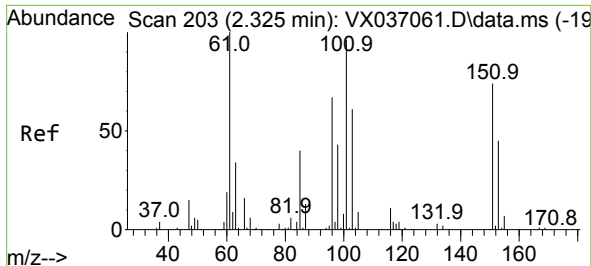
Tgt Ion:101 Resp: 148669
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2



#8
Diethyl Ether
Concen: 51.702 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 54736
Ion Ratio Lower Upper
74 100
45 82.3 53.3 159.8

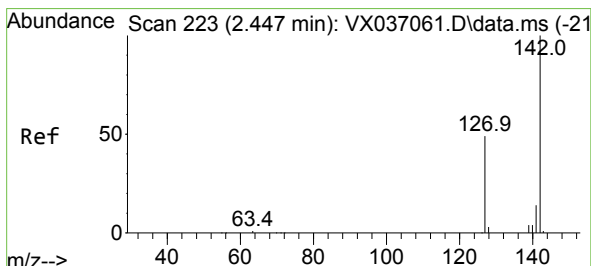
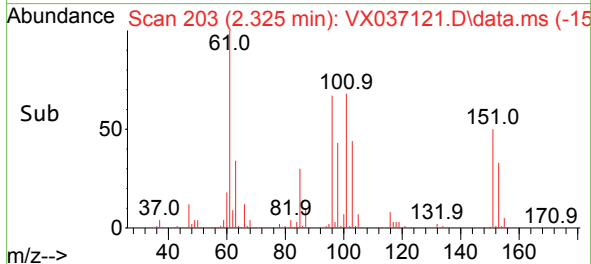
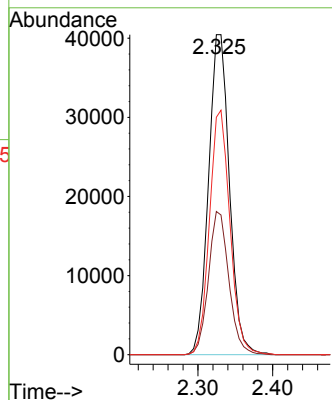
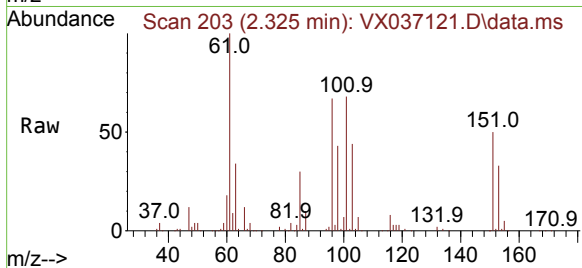




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.229 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

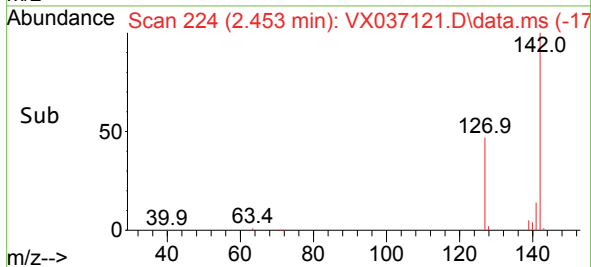
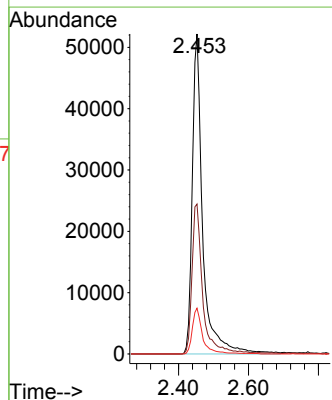
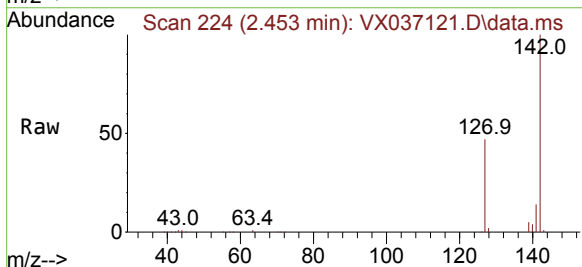
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

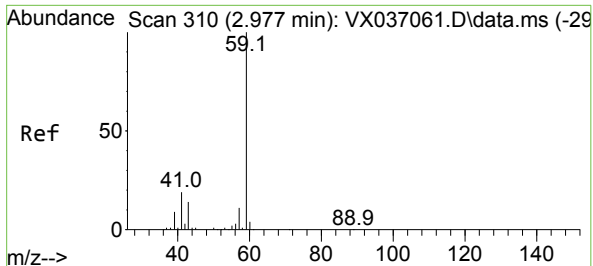
Tgt Ion:101 Resp: 78588
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 75.1 58.6 87.8



#10
Methyl Iodide
Concen: 55.636 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion:142 Resp: 107946
Ion Ratio Lower Upper
142 100
127 48.2 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 227.282 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

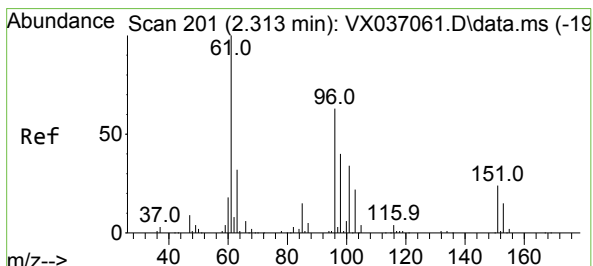
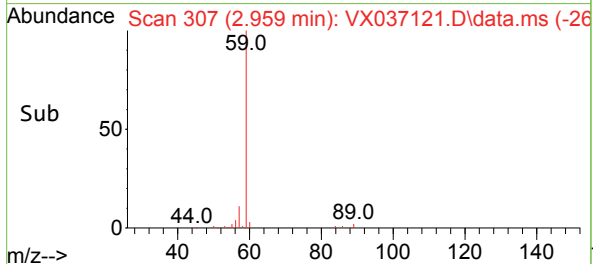
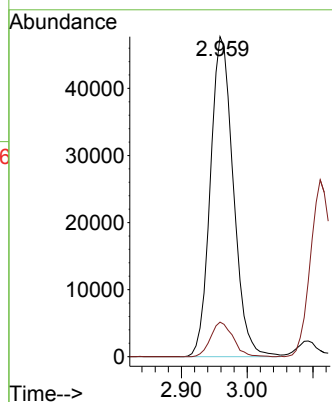
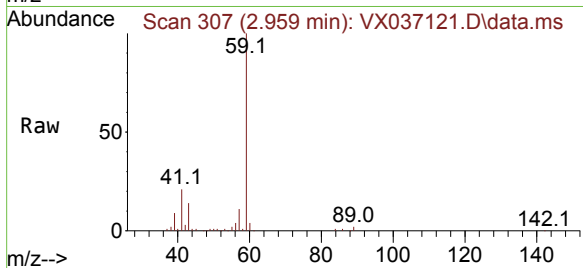
VSTDCCC050EC

Tgt Ion: 59 Resp: 116076

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 50.824 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

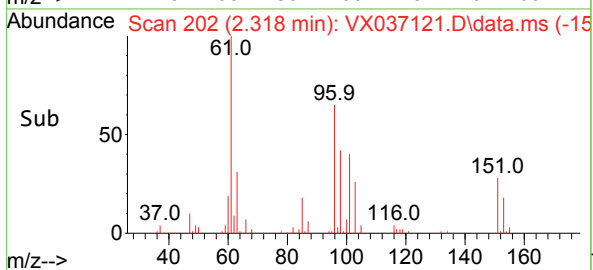
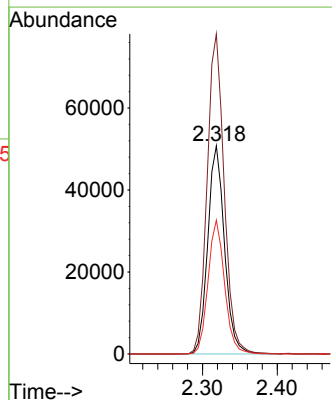
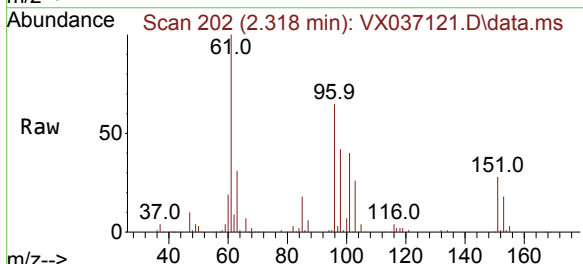
Tgt Ion: 96 Resp: 79009

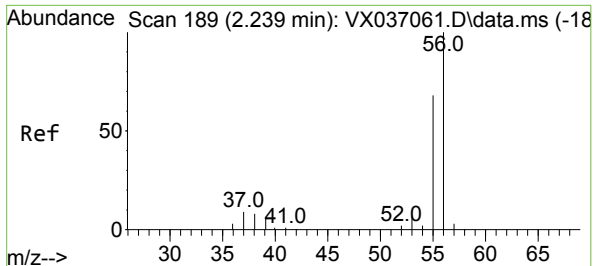
Ion Ratio Lower Upper

96 100

61 153.7 144.6 216.8

98 64.2 50.4 75.6





#13

Acrolein

Concen: 182.013 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

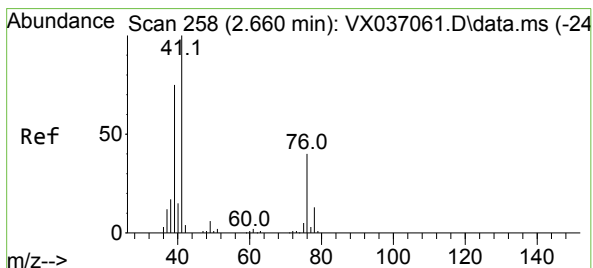
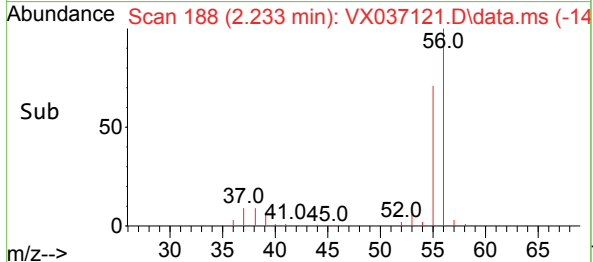
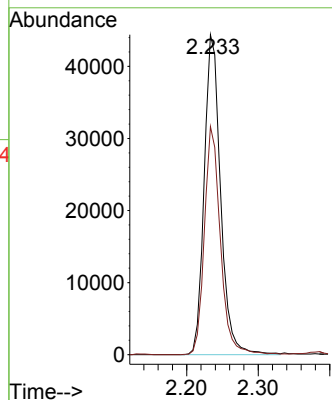
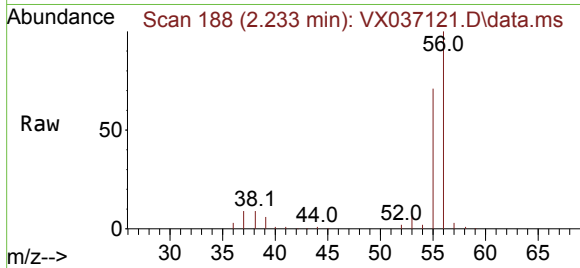
VSTDCCC050EC

Tgt Ion: 56 Resp: 70716

Ion Ratio Lower Upper

56 100

55 69.9 57.1 85.7



#14

Allyl chloride

Concen: 47.118 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

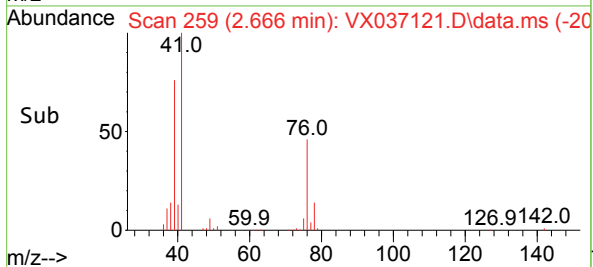
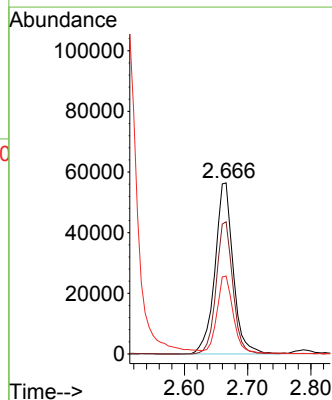
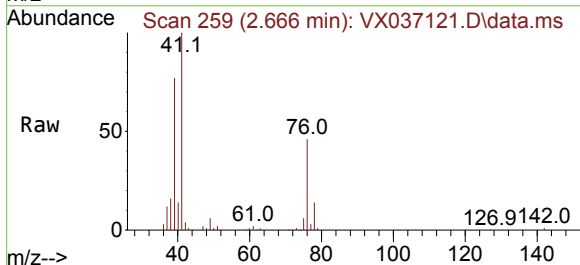
Tgt Ion: 41 Resp: 113374

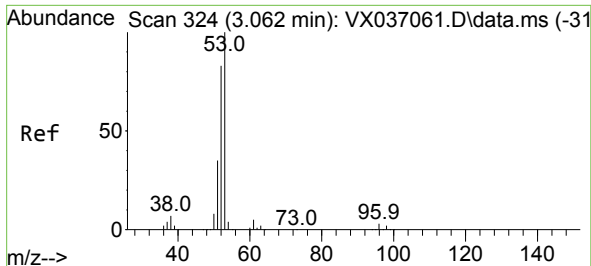
Ion Ratio Lower Upper

41 100

39 70.3 55.8 83.6

76 40.0 24.3 36.5#

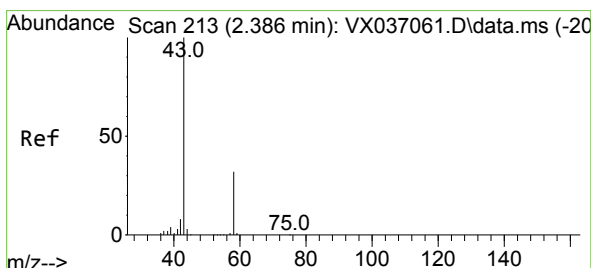
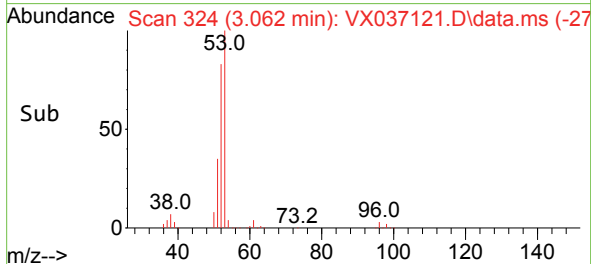
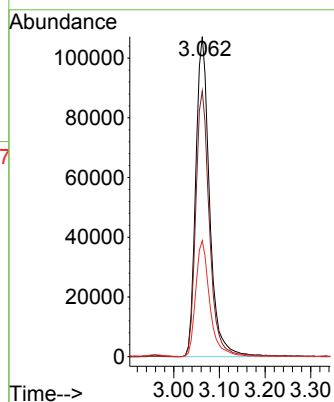
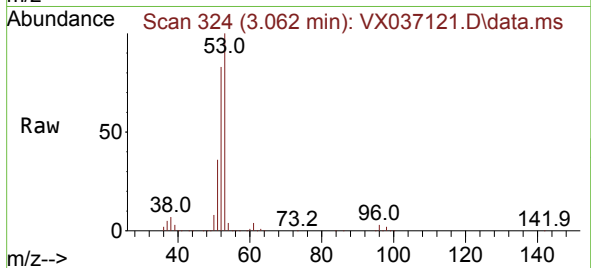




#15
Acrylonitrile
Concen: 247.856 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

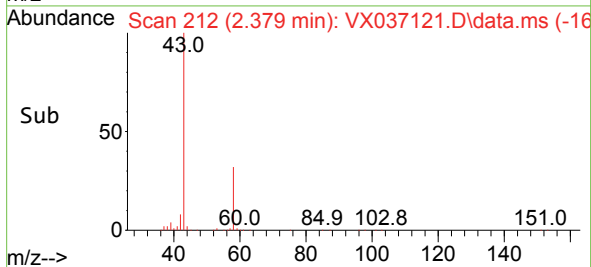
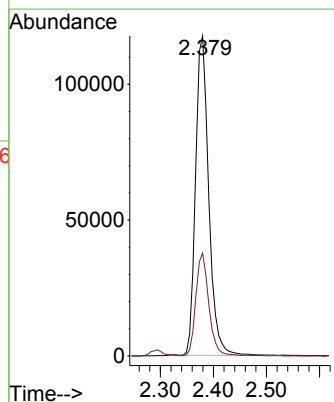
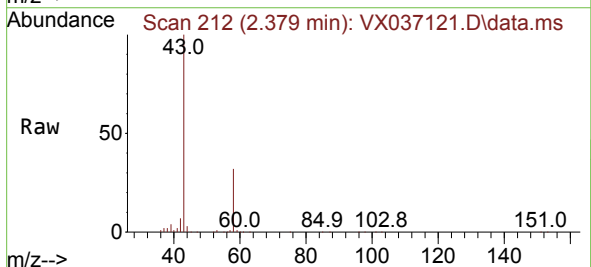
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

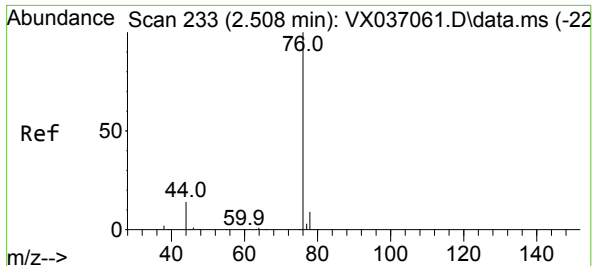
Tgt Ion: 53 Resp: 225935
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 36.6 29.8 44.6



#16
Acetone
Concen: 238.438 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 43 Resp: 203084
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9

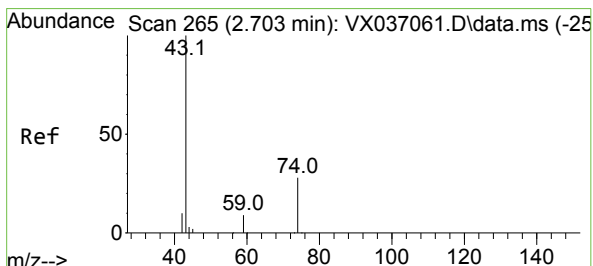
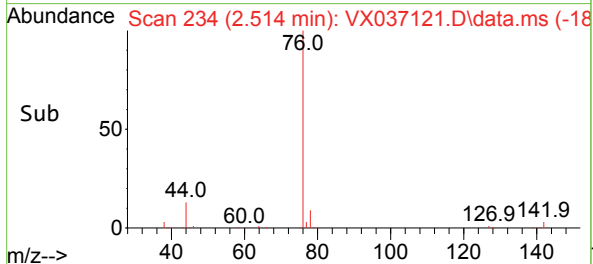
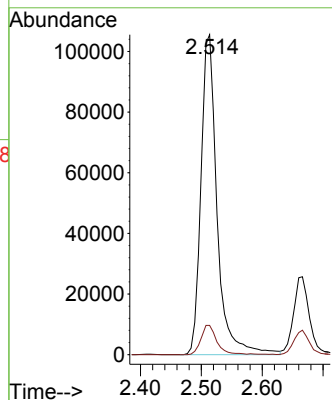
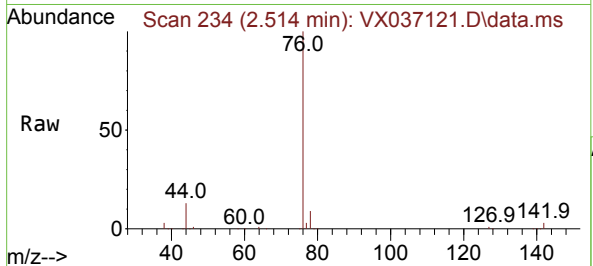




#17
Carbon Disulfide
Concen: 49.046 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

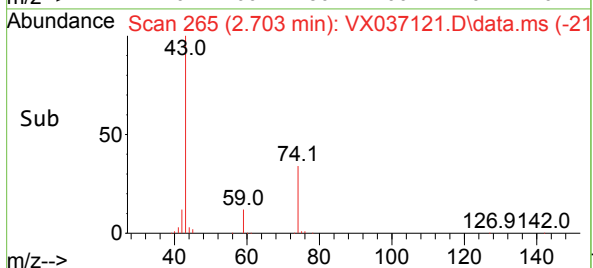
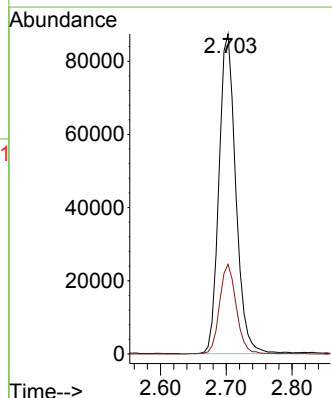
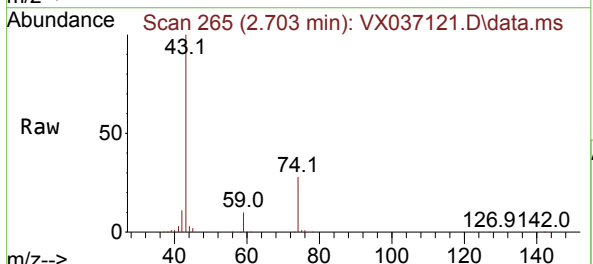
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

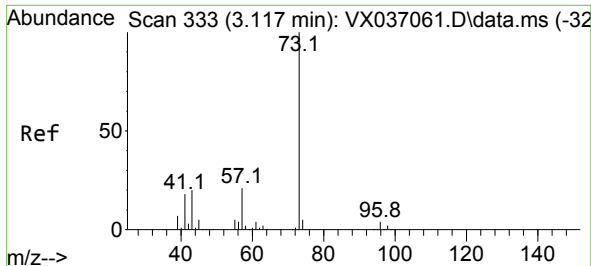
Tgt Ion: 76 Resp: 193939
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 48.525 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 43 Resp: 155615
Ion Ratio Lower Upper
43 100
74 28.0 17.8 26.8#

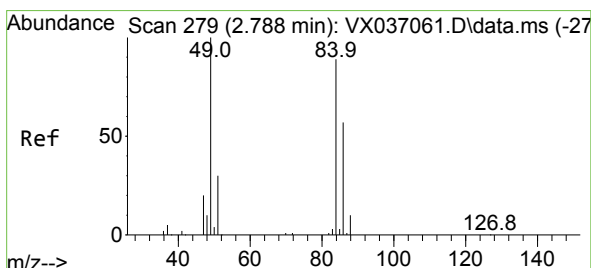
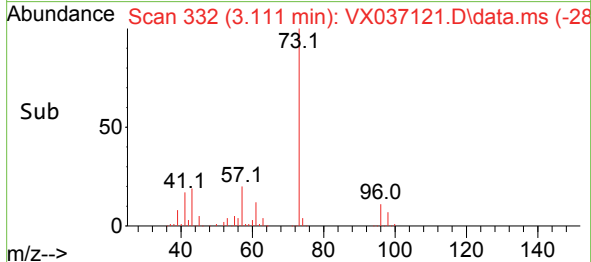
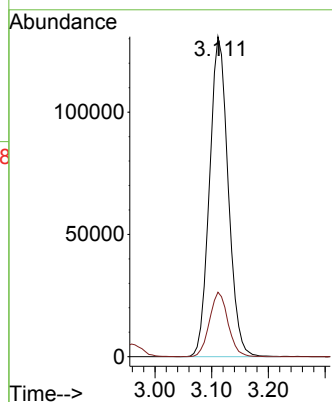
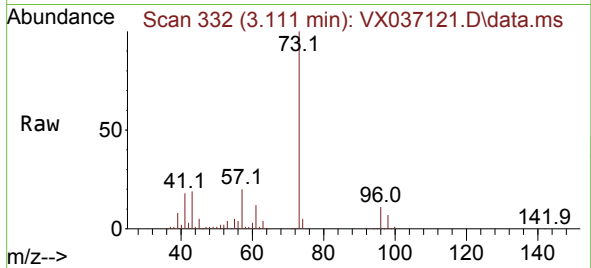




#19
Methyl tert-butyl Ether
Concen: 50.818 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

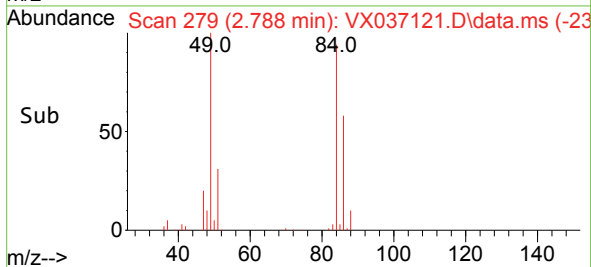
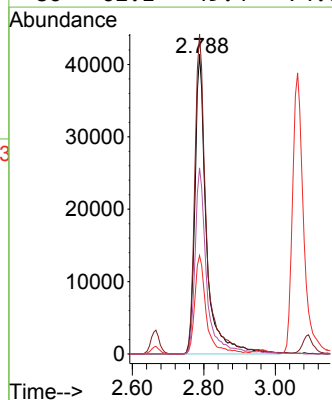
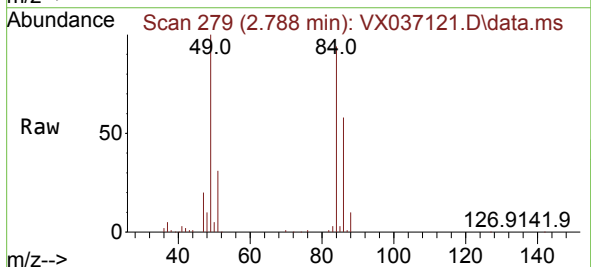
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

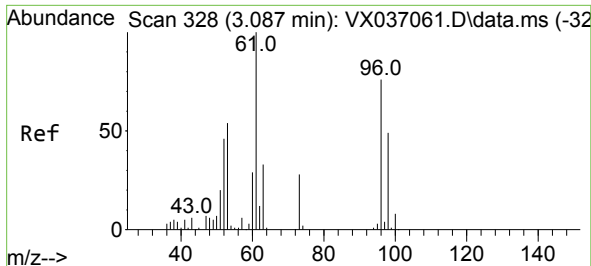
Tgt Ion: 73 Resp: 299616
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#20
Methylene Chloride
Concen: 48.720 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 84 Resp: 92798
Ion Ratio Lower Upper
84 100
49 106.8 103.6 155.4
51 32.8 33.8 50.6#
86 62.1 49.4 74.0

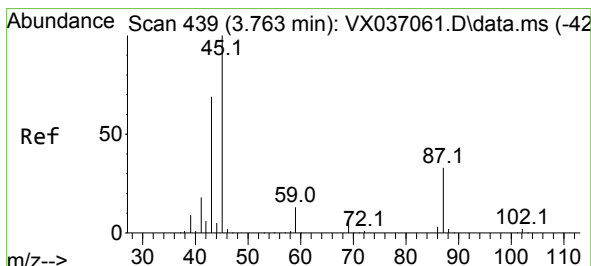
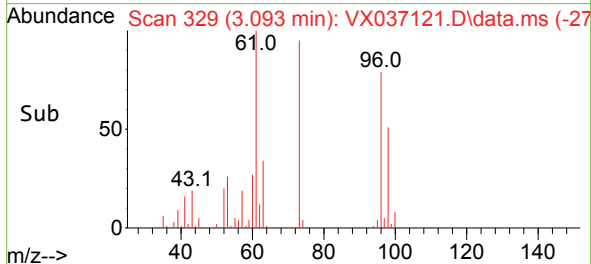
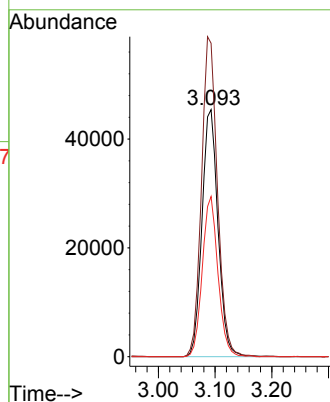
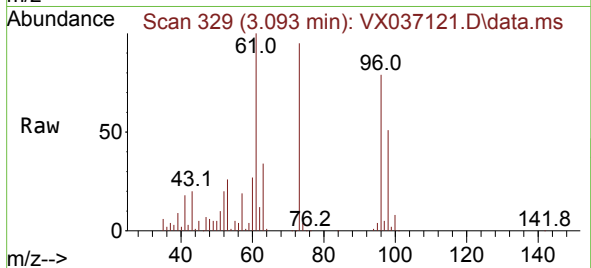




#21
trans-1,2-Dichloroethene
Concen: 50.382 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

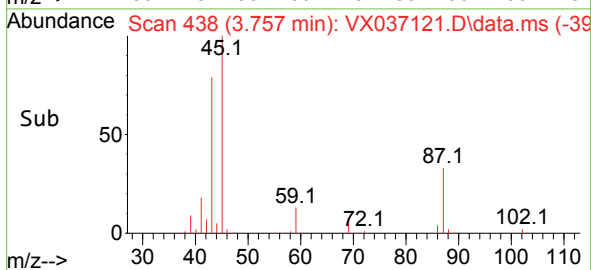
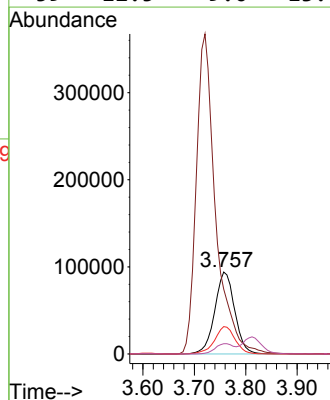
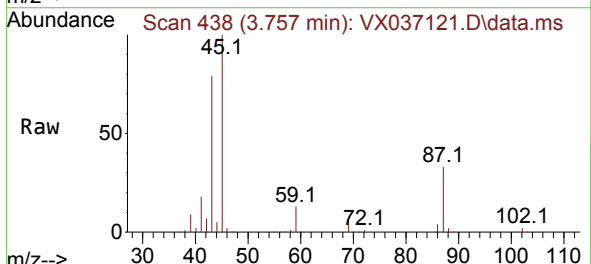
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

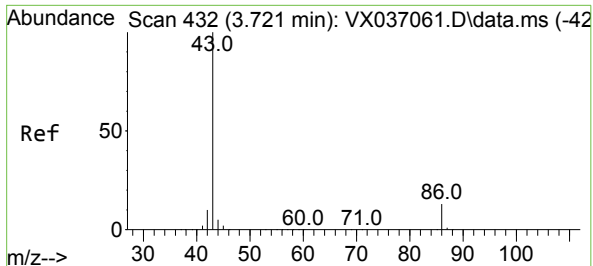
Tgt Ion: 96 Resp: 89034
Ion Ratio Lower Upper
96 100
61 126.9 119.2 178.8
98 64.8 48.7 73.1



#22
Diisopropyl ether
Concen: 51.274 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 45 Resp: 253169
Ion Ratio Lower Upper
45 100
43 78.6 69.7 104.5
87 33.4 20.8 31.2#
59 12.5 9.0 13.4

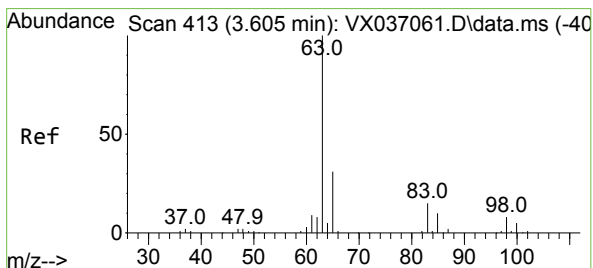
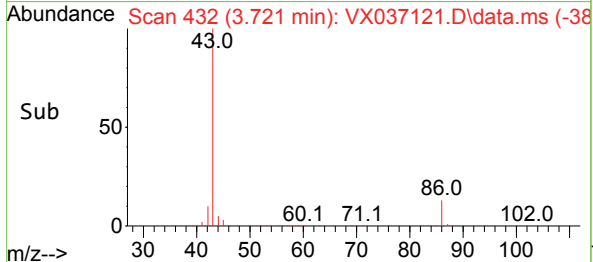
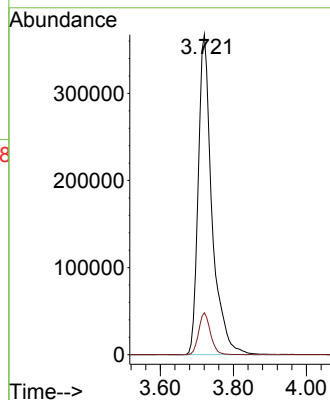
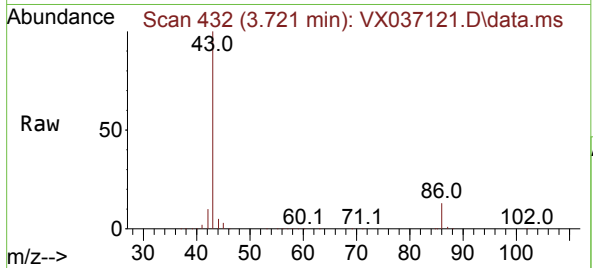




#23
 Vinyl Acetate
 Concen: 254.248 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037121.D
 Acq: 19 Aug 2023 09:56

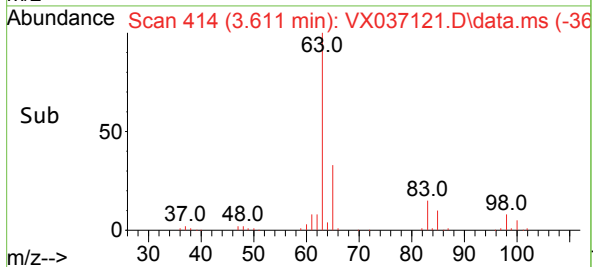
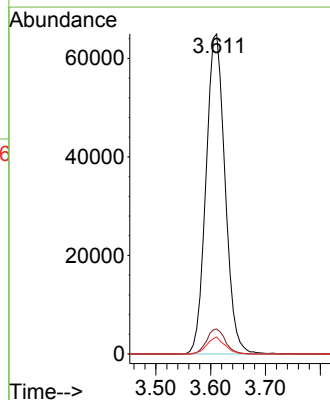
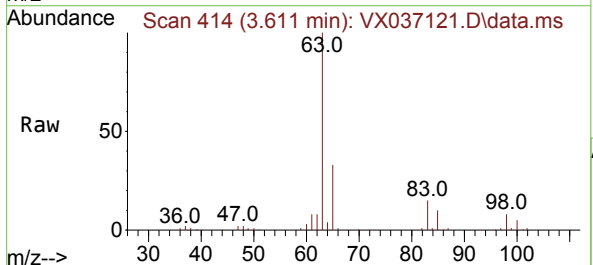
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

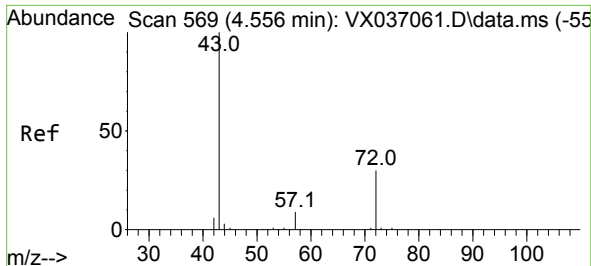
Tgt Ion: 43 Resp: 962003
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 50.551 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037121.D
 Acq: 19 Aug 2023 09:56

Tgt Ion: 63 Resp: 156523
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.3 2.1 6.5

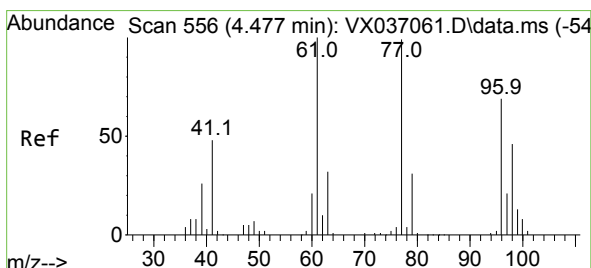
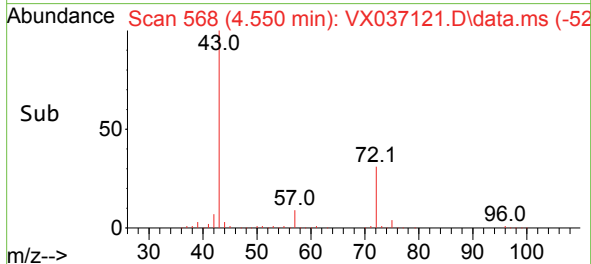
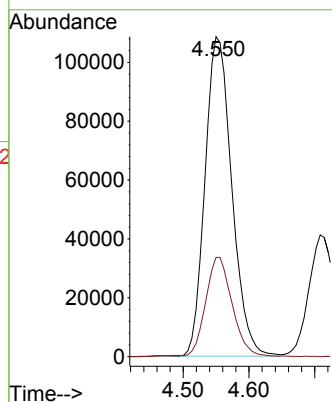
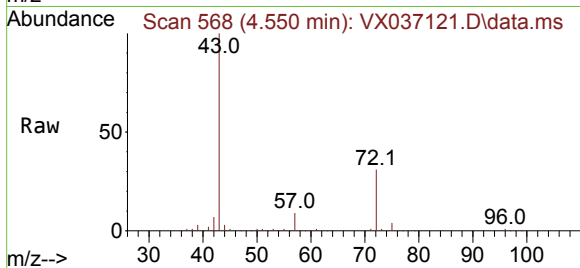




#25
2-Butanone
Concen: 240.043 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

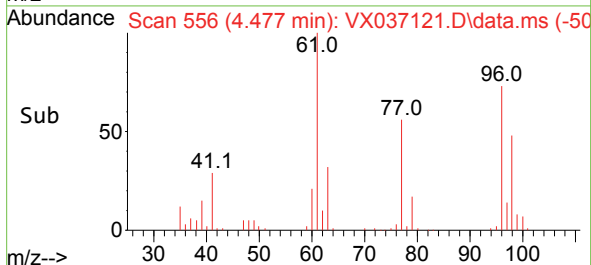
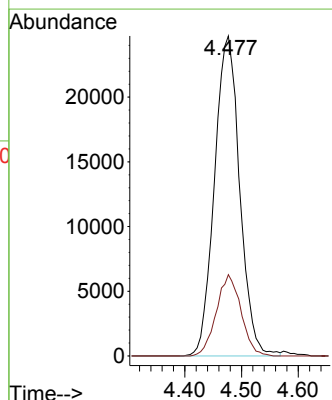
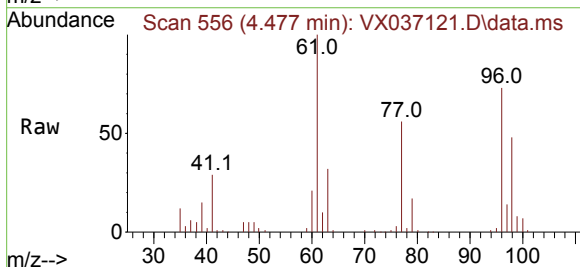
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

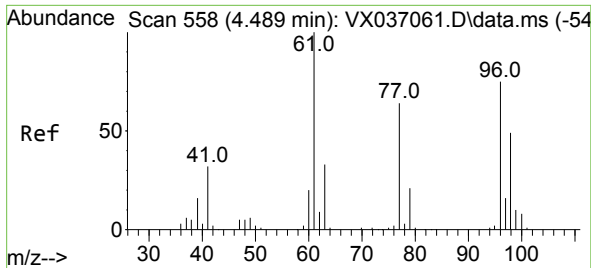
Tgt Ion: 43 Resp: 307843
Ion Ratio Lower Upper
43 100
72 30.9 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 27.603 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 77 Resp: 76327
Ion Ratio Lower Upper
77 100
97 24.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.469 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

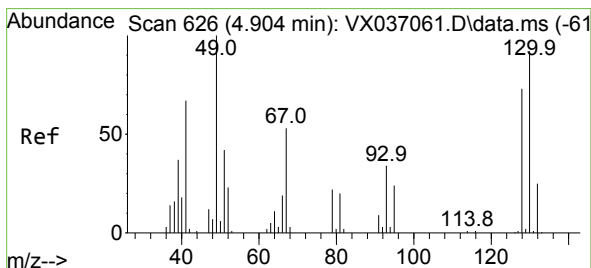
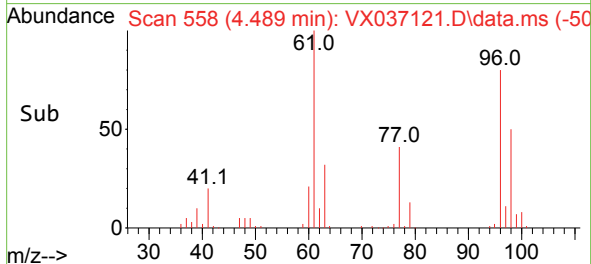
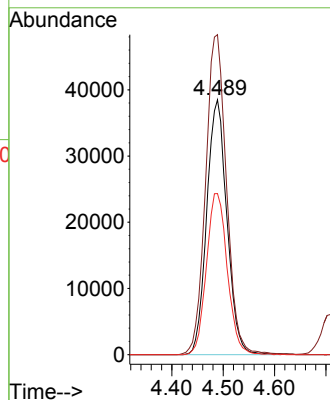
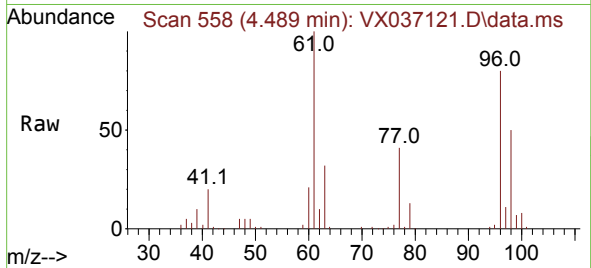
Tgt Ion: 96 Resp: 105144

Ion Ratio Lower Upper

96 100

61 130.2 0.0 312.2

98 65.3 0.0 129.0



#28

Bromochloromethane

Concen: 53.500 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

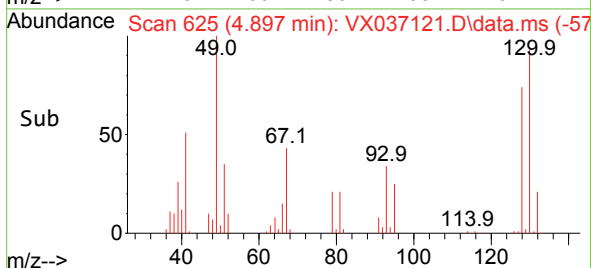
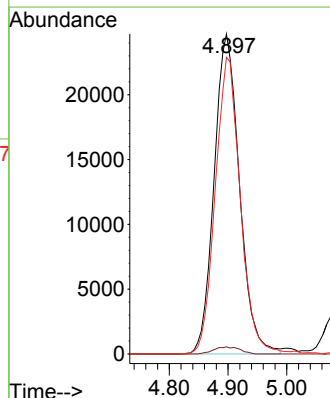
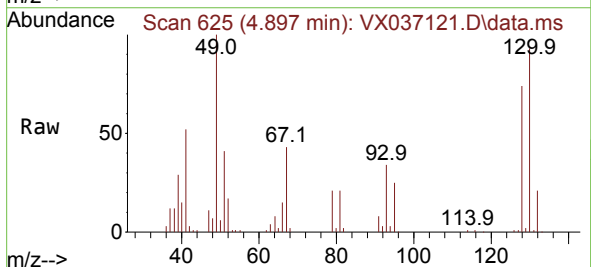
Tgt Ion: 49 Resp: 74000

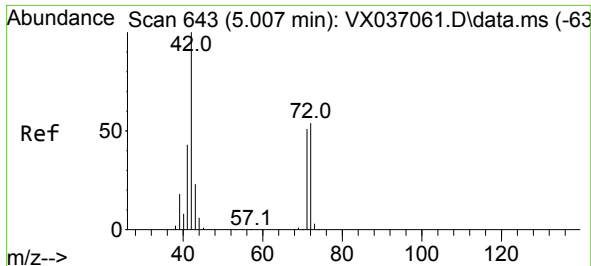
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 91.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 240.018 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

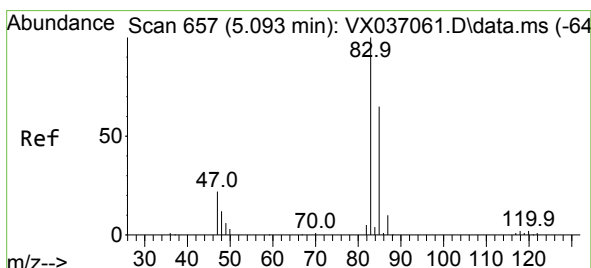
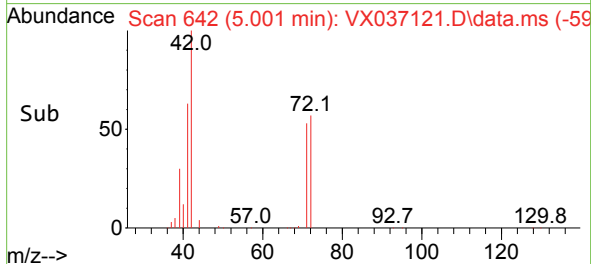
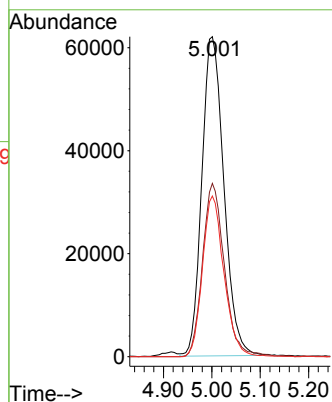
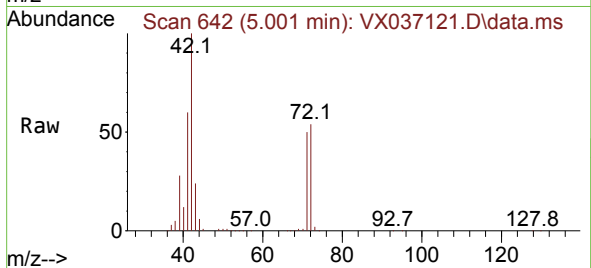
Tgt Ion: 42 Resp: 196300

Ion Ratio Lower Upper

42 100

72 53.9 34.2 51.4#

71 49.3 32.2 48.2#



#30

Chloroform

Concen: 50.987 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037121.D

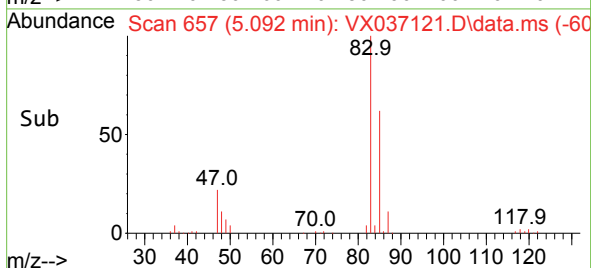
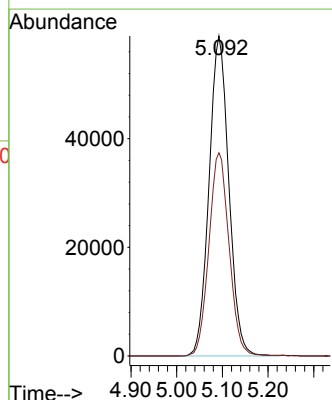
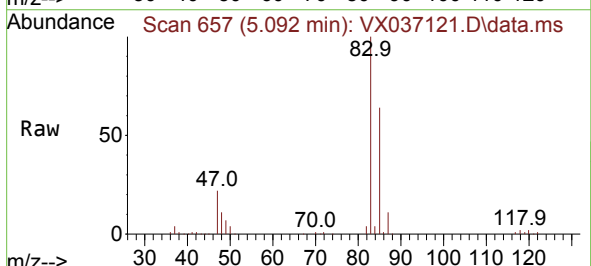
Acq: 19 Aug 2023 09:56

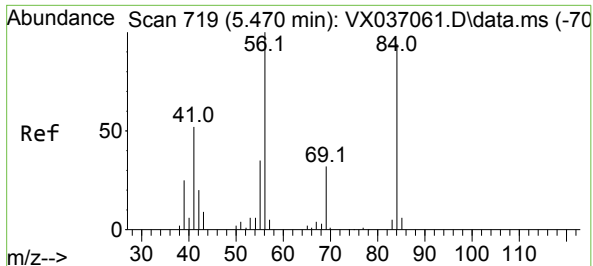
Tgt Ion: 83 Resp: 177219

Ion Ratio Lower Upper

83 100

85 63.5 50.3 75.5

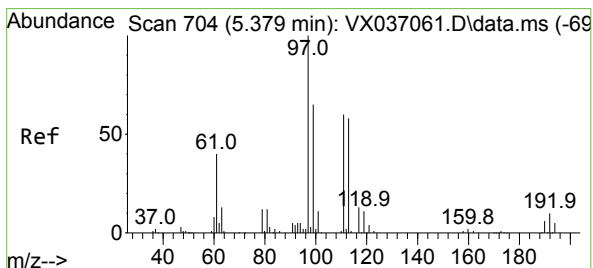
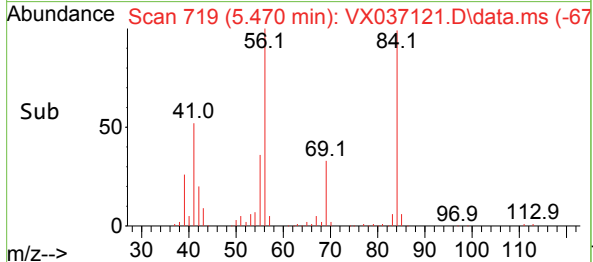
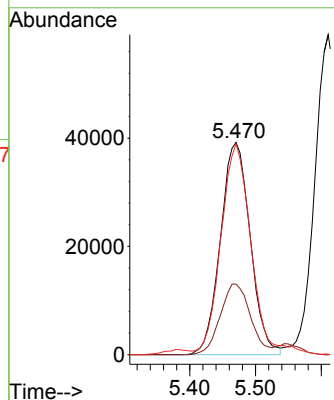
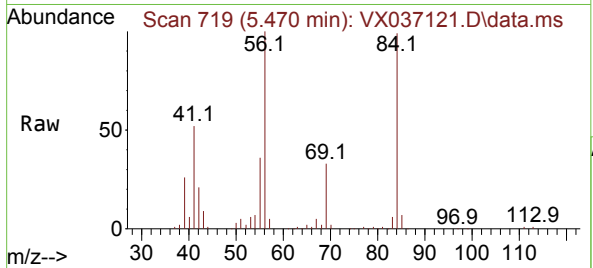




#31
Cyclohexane
Concen: 50.527 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

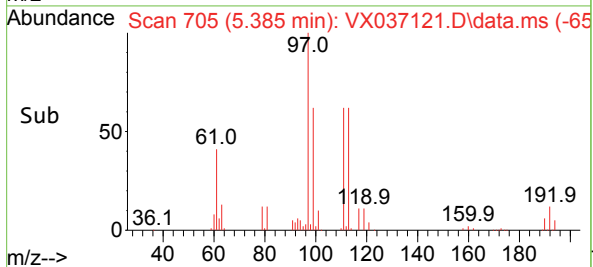
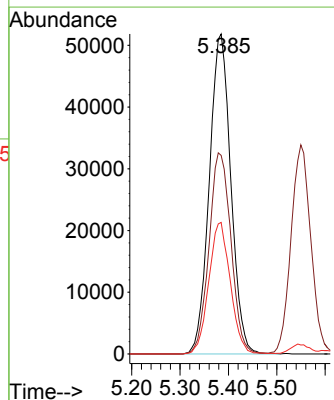
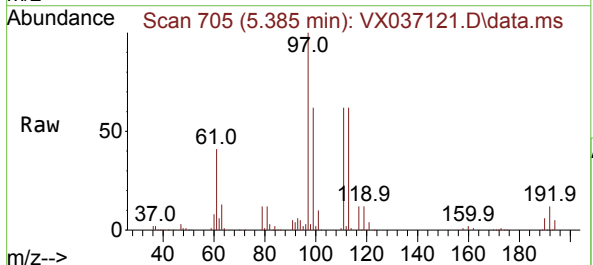
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

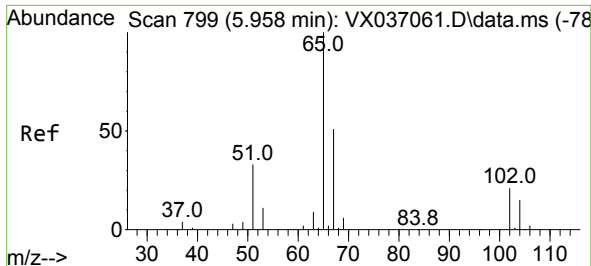
Tgt Ion: 56 Resp: 123693
Ion Ratio Lower Upper
56 100
69 33.2 23.4 35.2
84 97.0 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 51.476 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 97 Resp: 160334
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 41.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.826 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

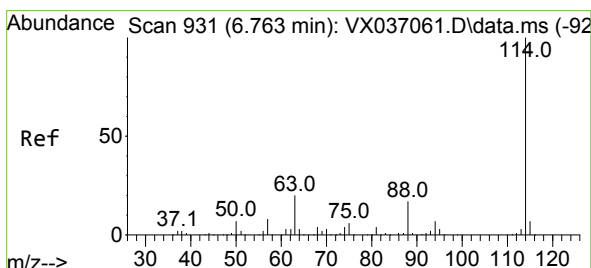
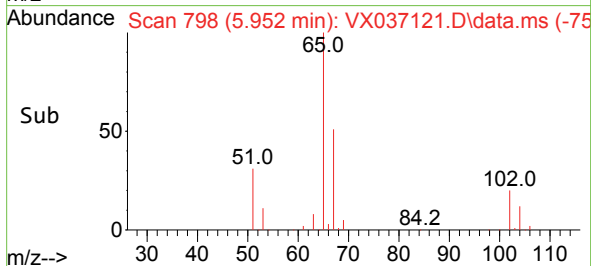
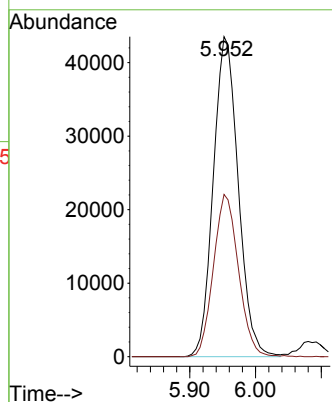
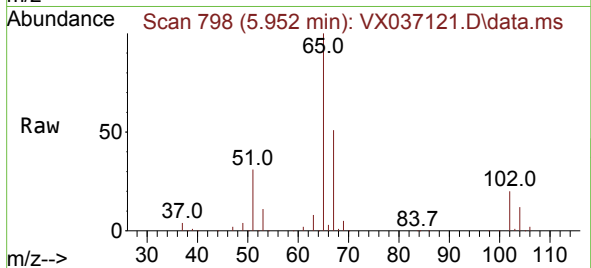
VSTDCCC050EC

Tgt Ion: 65 Resp: 115010

Ion Ratio Lower Upper

65 100

67 50.8 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: VX037121.D

Acq: 19 Aug 2023 09:56

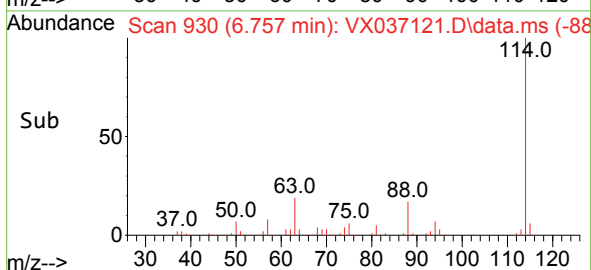
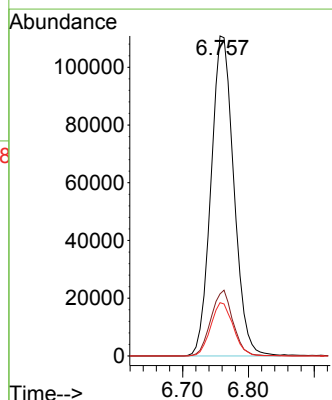
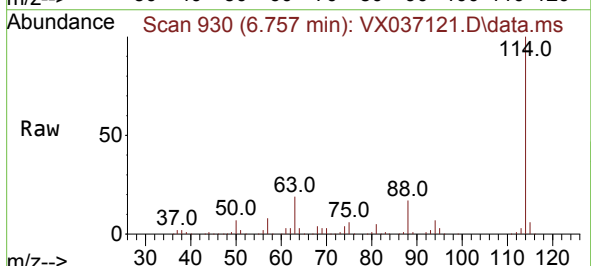
Tgt Ion: 114 Resp: 267707

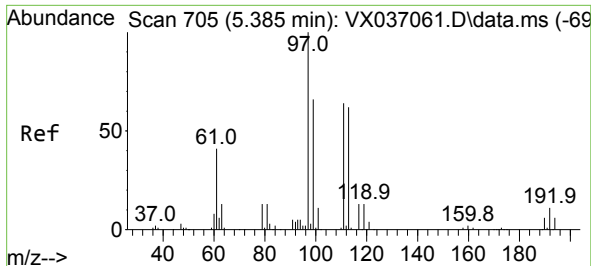
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 16.6 0.0 36.6

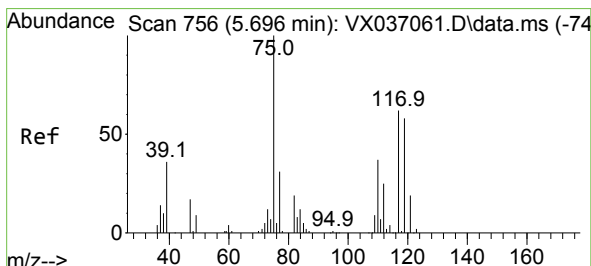
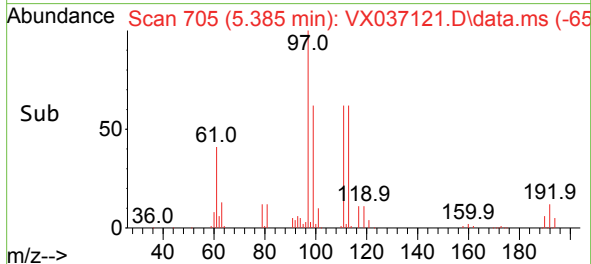
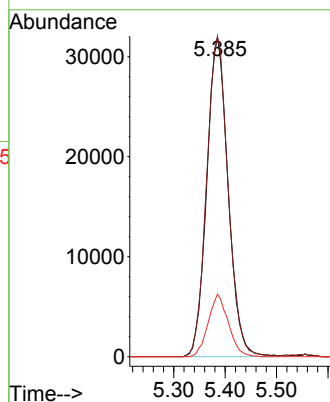
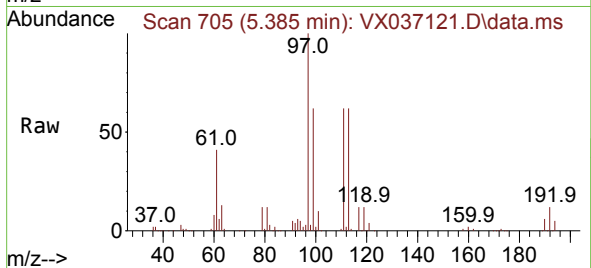




#35
Dibromofluoromethane
Concen: 51.906 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

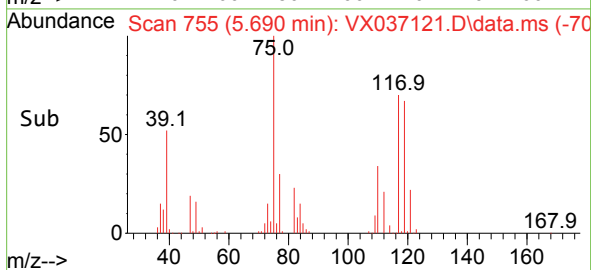
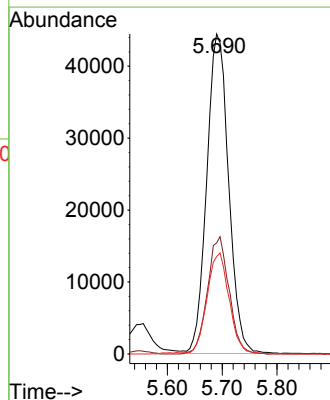
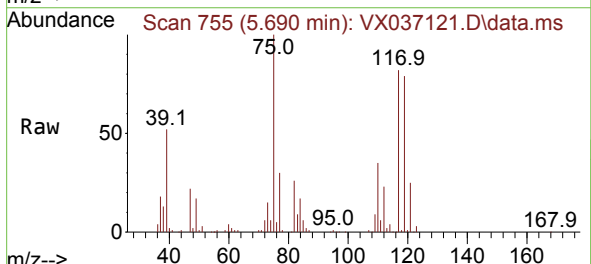
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

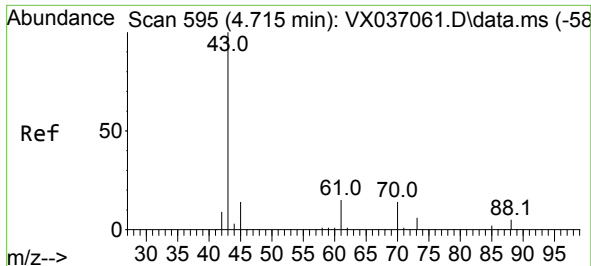
Tgt Ion:113 Resp: 92027
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 48.839 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 75 Resp: 123021
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 46.491 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

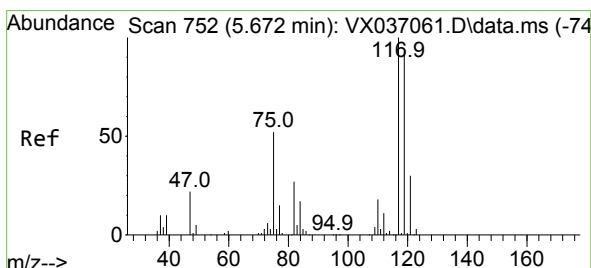
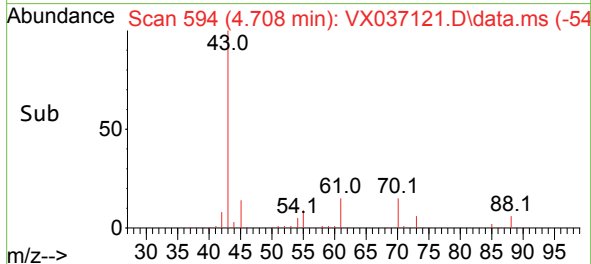
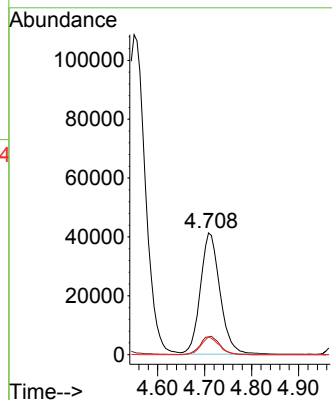
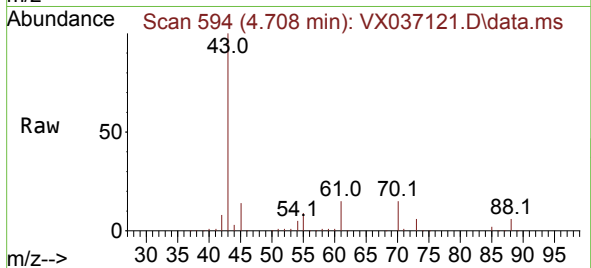
Tgt Ion: 43 Resp: 119625

Ion Ratio Lower Upper

43 100

61 15.3 10.6 16.0

70 13.4 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 50.350 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

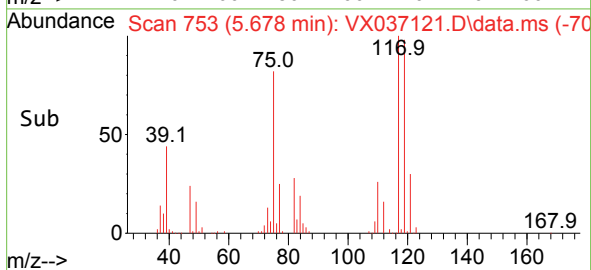
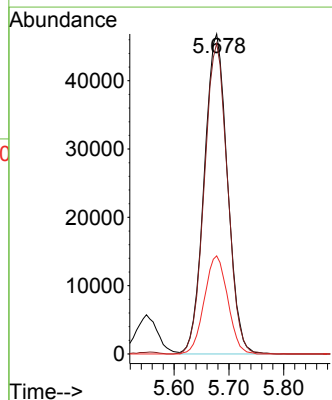
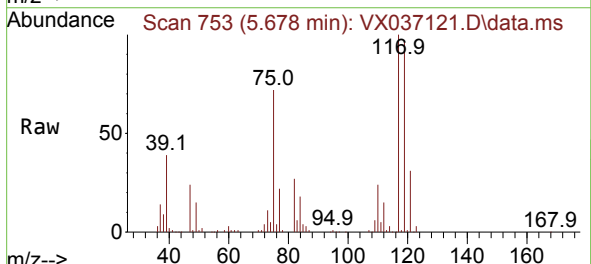
Tgt Ion: 117 Resp: 137769

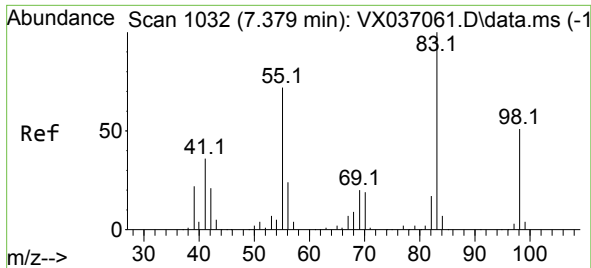
Ion Ratio Lower Upper

117 100

119 97.0 78.2 117.2

121 30.6 24.4 36.6

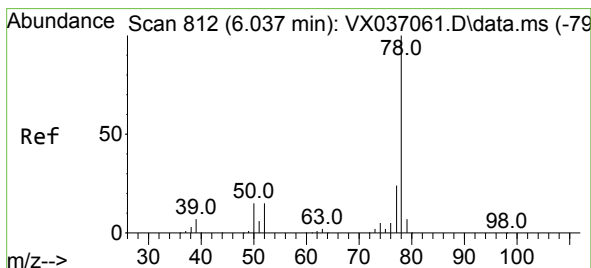
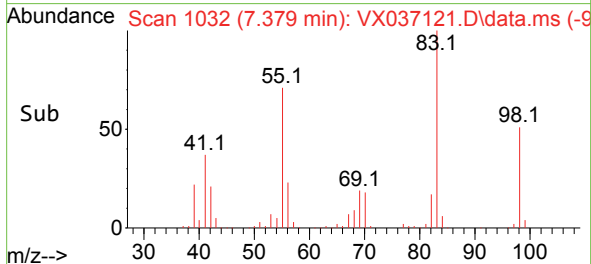
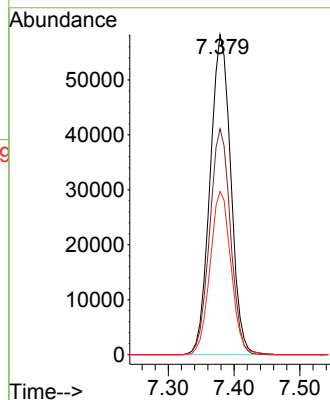
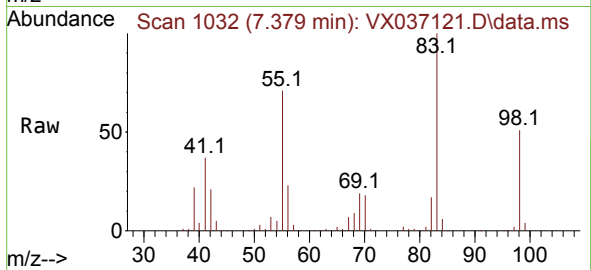




#39
Methylcyclohexane
Concen: 48.256 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

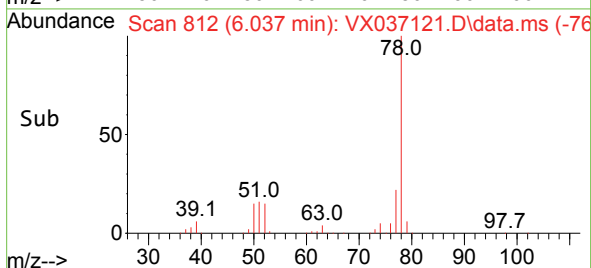
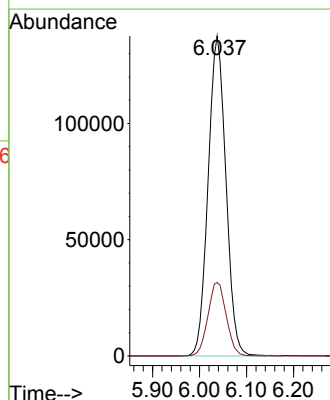
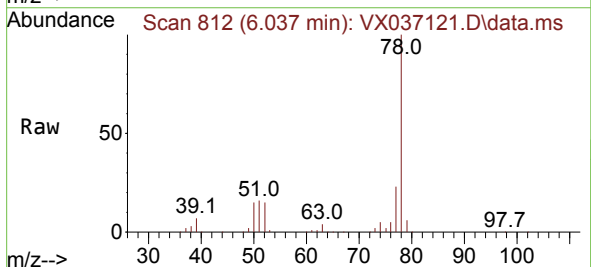
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

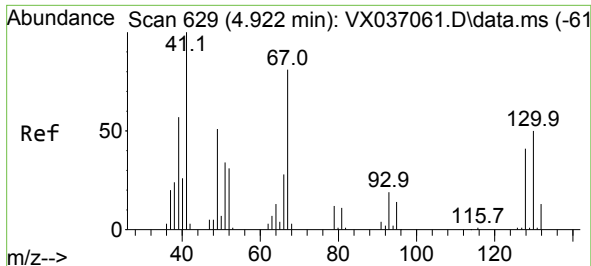
Tgt Ion: 83 Resp: 127707
Ion Ratio Lower Upper
83 100
55 70.6 64.6 97.0
98 51.0 36.7 55.1



#40
Benzene
Concen: 50.006 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 78 Resp: 361256
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9



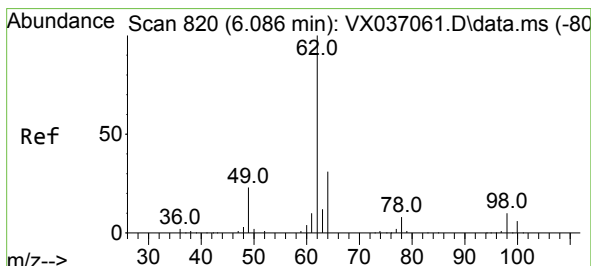
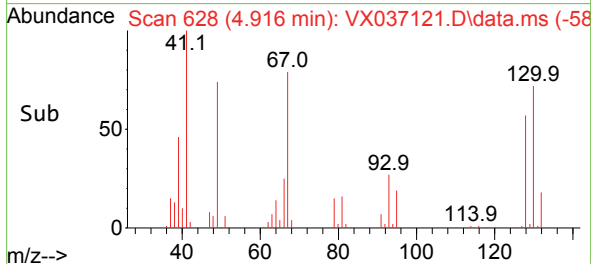
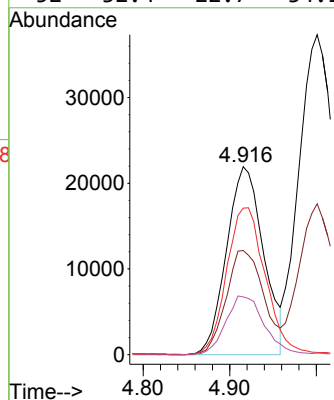
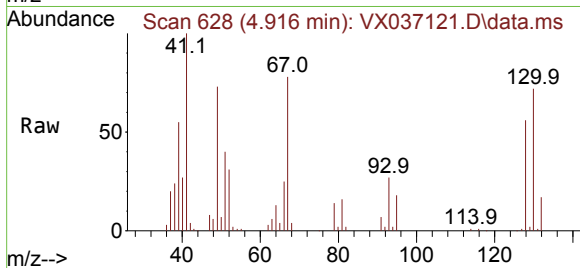


#41
Methacrylonitrile
Concen: 48.737 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 65191

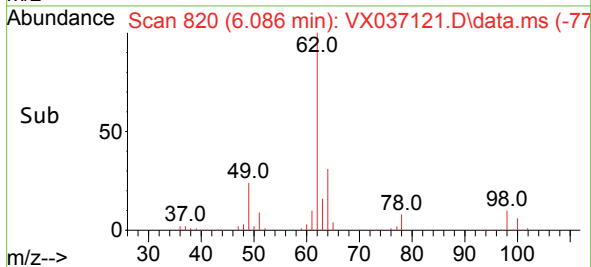
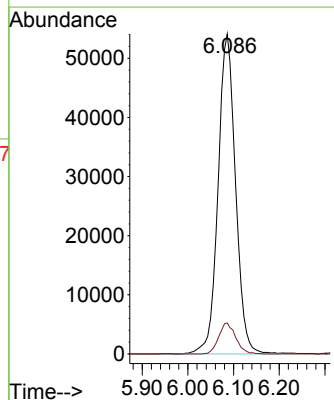
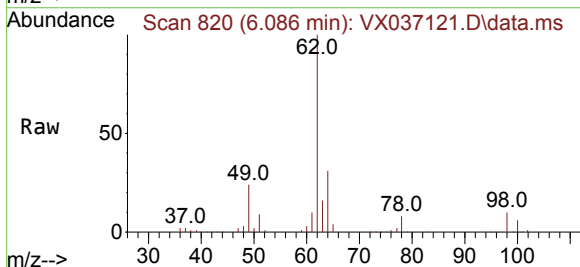
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	82.4	52.6	78.8
52	32.4	22.7	34.1

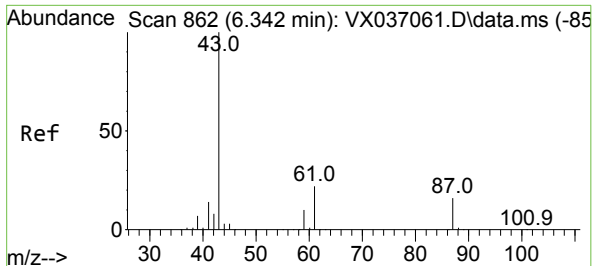


#42
1,2-Dichloroethane
Concen: 50.751 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 62 Resp: 143778

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.0

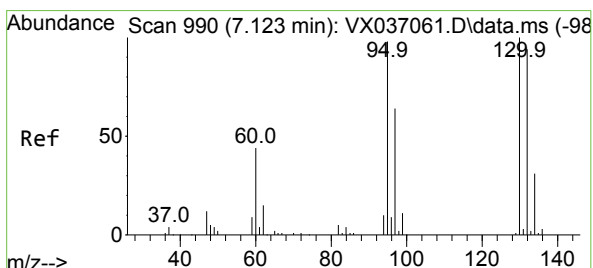
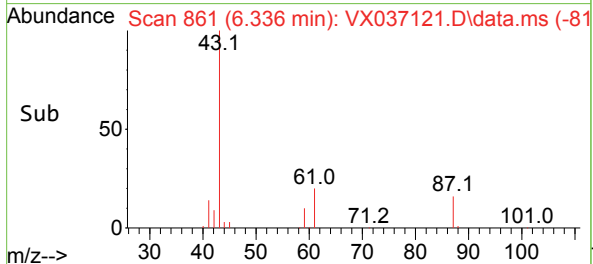
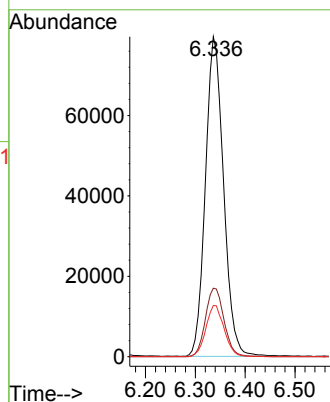
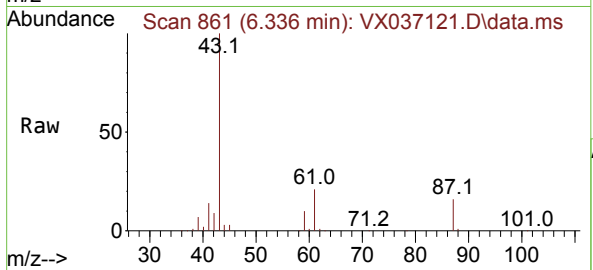




#43
Isopropyl Acetate
Concen: 49.222 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

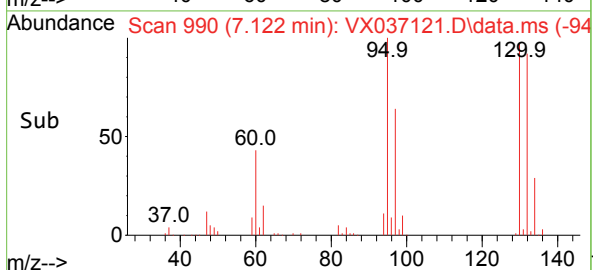
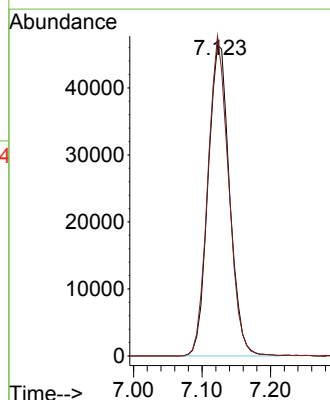
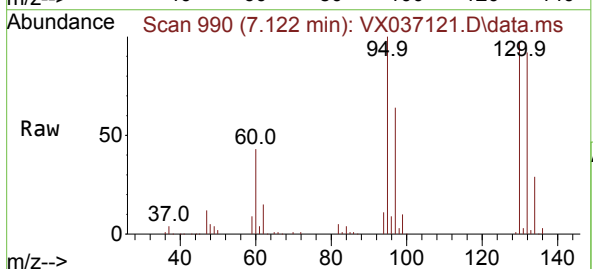
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

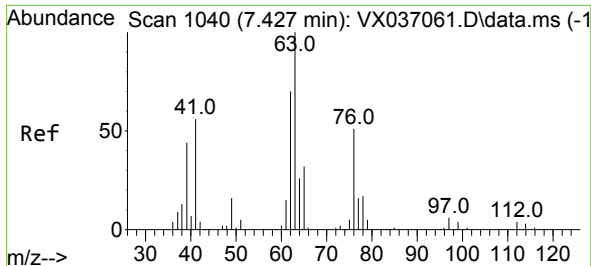
Tgt Ion: 43 Resp: 201073
Ion Ratio Lower Upper
43 100
61 22.0 15.2 22.8
87 16.2 9.8 14.6#



#44
Trichloroethene
Concen: 49.515 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion:130 Resp: 101430
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.4

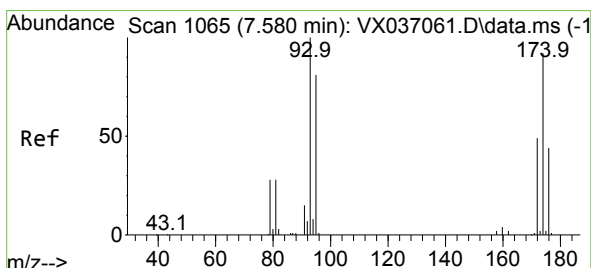
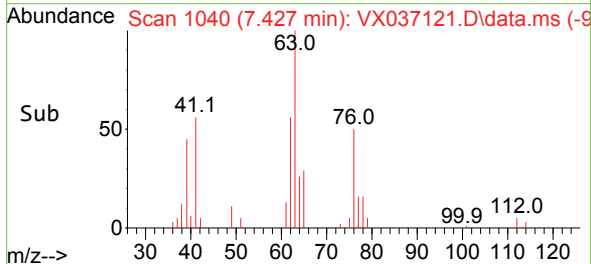
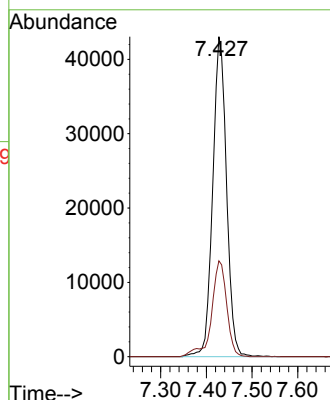
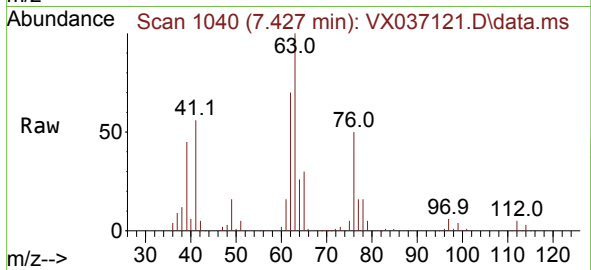




#45
1,2-Dichloropropane
Concen: 50.752 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

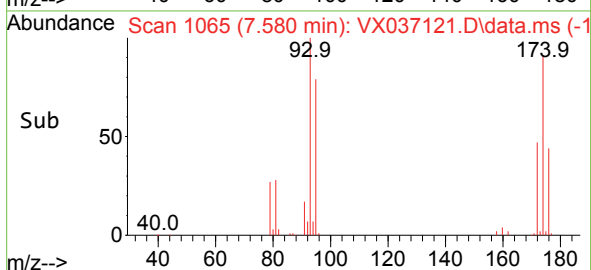
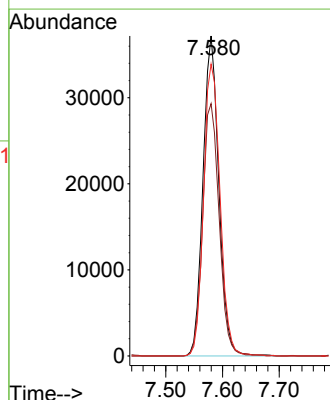
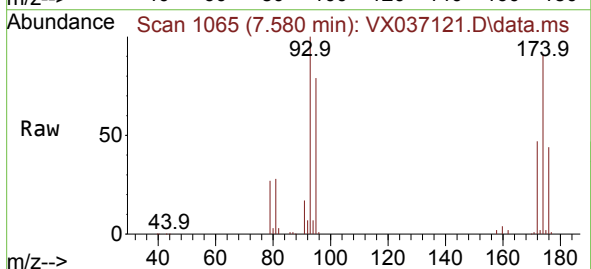
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

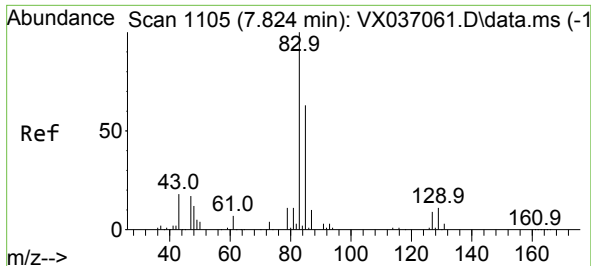
Tgt Ion: 63 Resp: 90403
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5



#46
Dibromomethane
Concen: 51.295 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 93 Resp: 71980
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 94.9 69.4 104.0

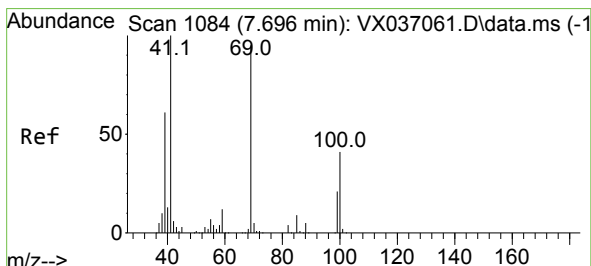
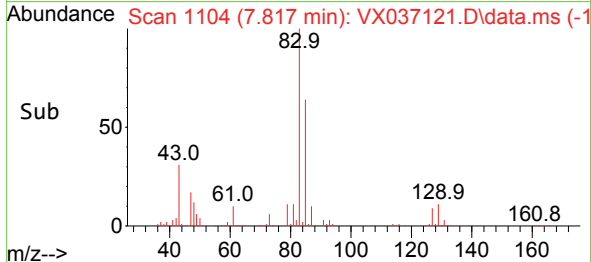
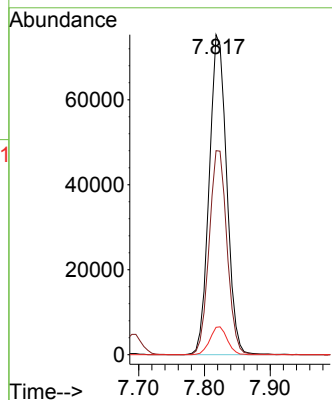
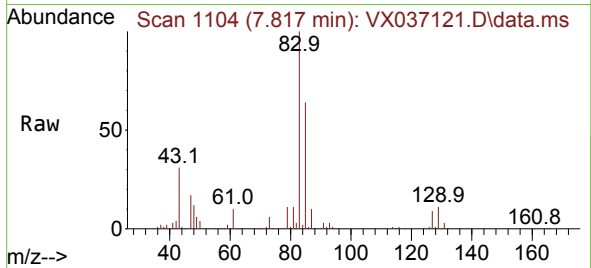




#47
Bromodichloromethane
Concen: 51.810 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

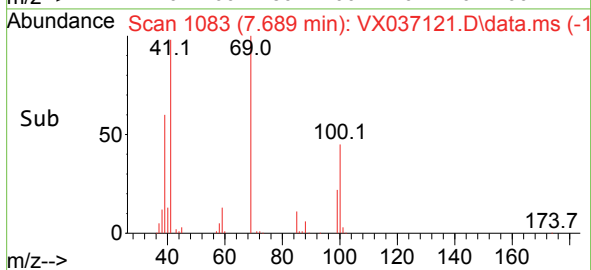
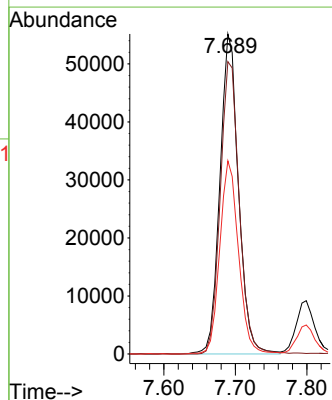
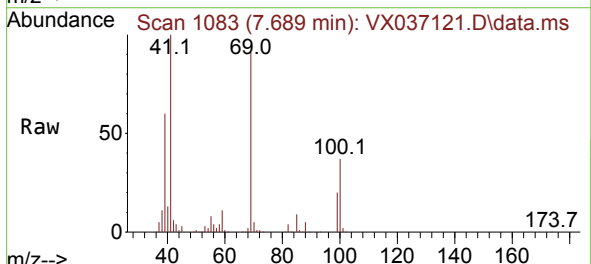
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

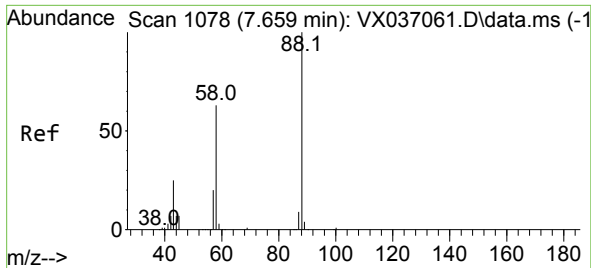
Tgt Ion: 83 Resp: 139254
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 50.043 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 41 Resp: 99696
Ion Ratio Lower Upper
41 100
69 93.3 59.2 88.8#
39 60.8 47.7 71.5

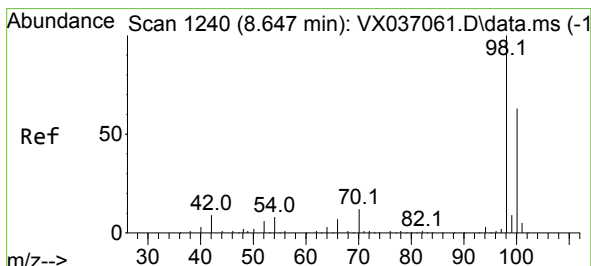
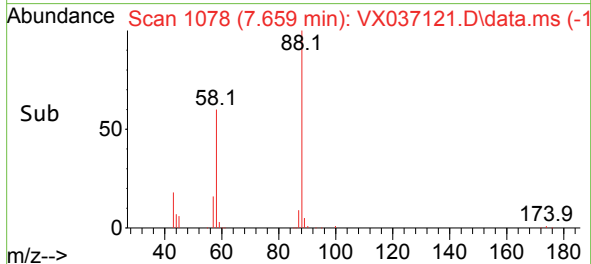
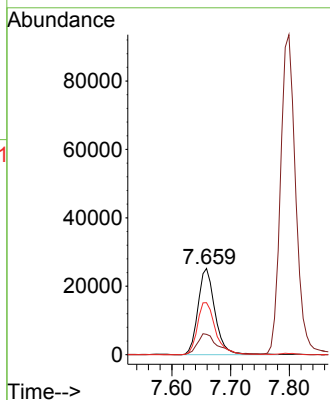
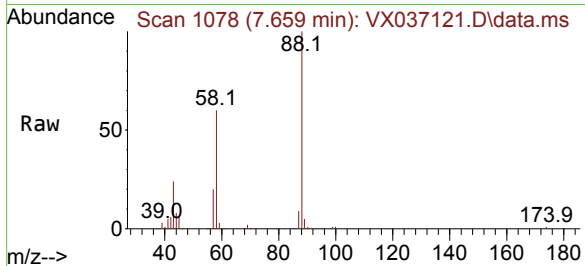




#49
1,4-Dioxane
Concen: 943.222 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

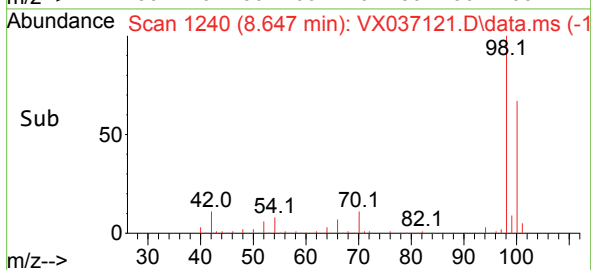
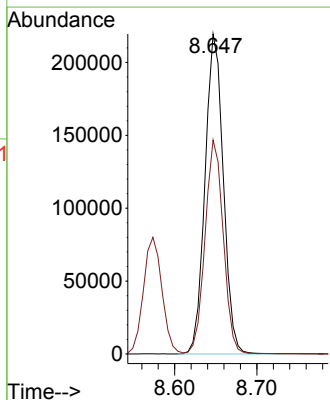
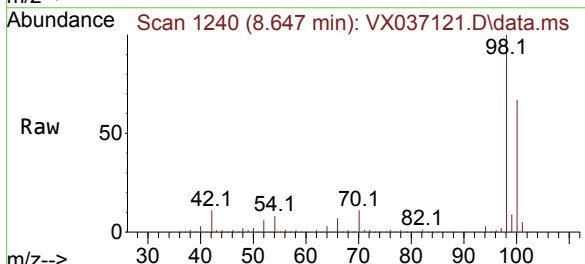
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

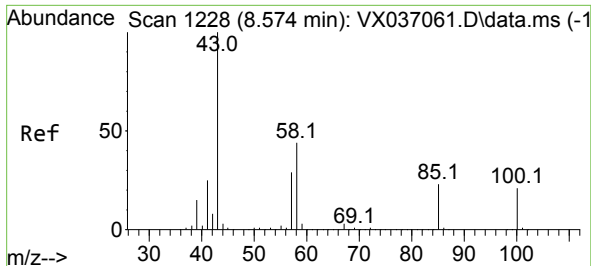
Tgt Ion: 88 Resp: 50607
Ion Ratio Lower Upper
88 100
43 29.2 0.0 0.0#
58 64.2 60.1 90.1



#50
Toluene-d8
Concen: 52.716 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 98 Resp: 339028
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

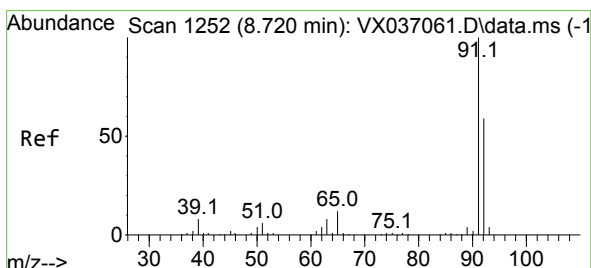
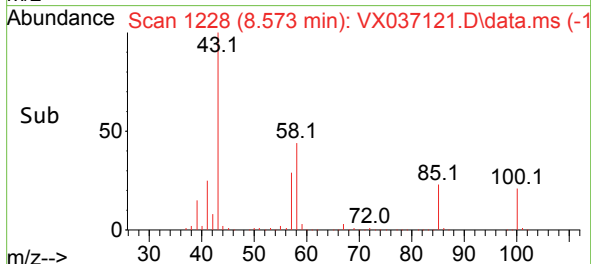
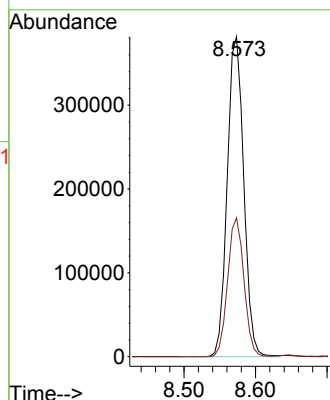
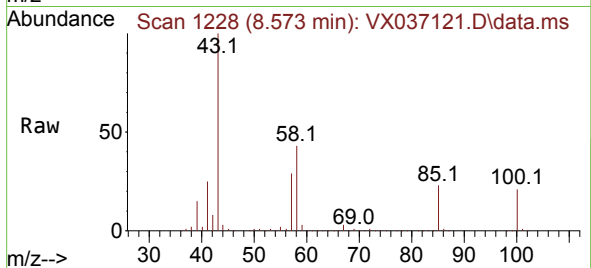




#51
4-Methyl-2-Pentanone
Concen: 246.354 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

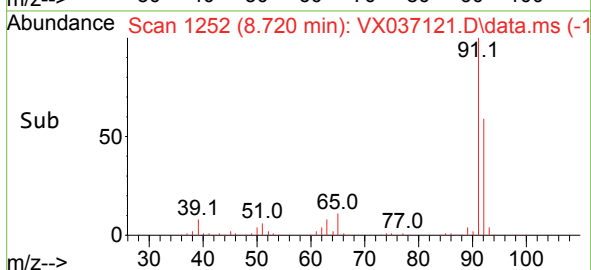
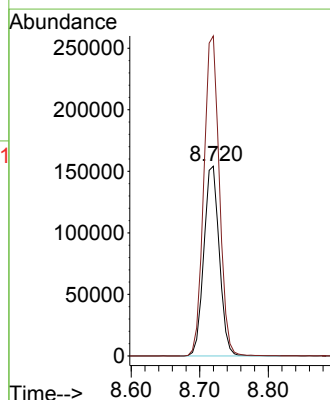
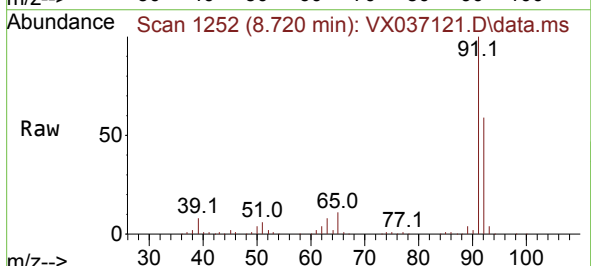
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

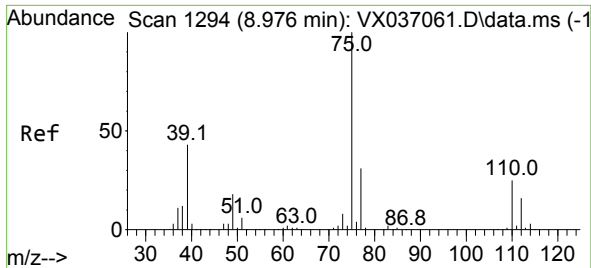
Tgt Ion: 43 Resp: 611096
Ion Ratio Lower Upper
43 100
58 42.9 30.4 45.6



#52
Toluene
Concen: 50.852 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 92 Resp: 242723
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2

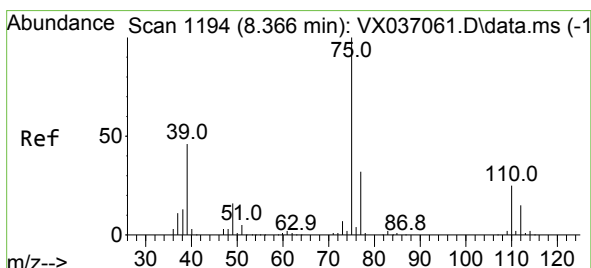
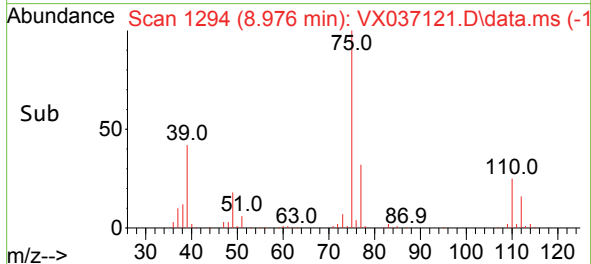
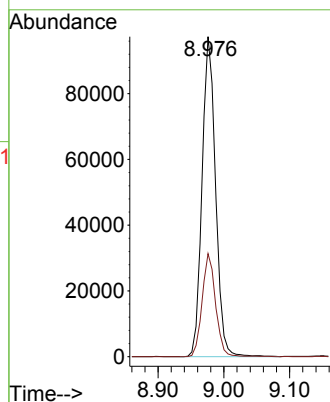
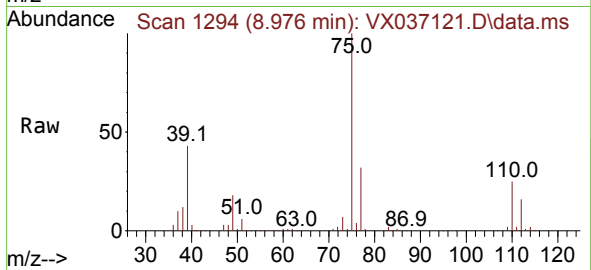




#53
 t-1,3-Dichloropropene
 Concen: 48.579 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX037121.D
 Acq: 19 Aug 2023 09:56

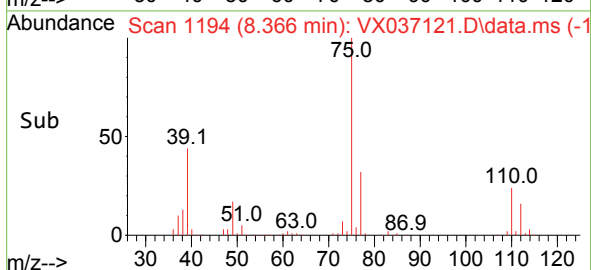
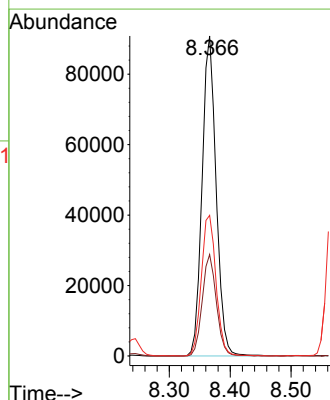
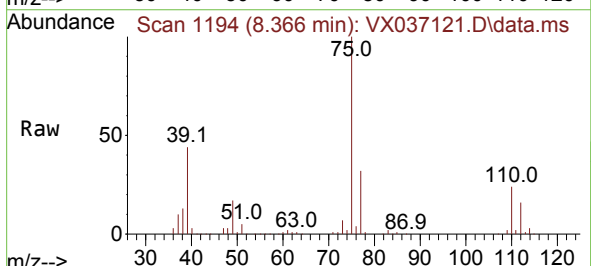
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

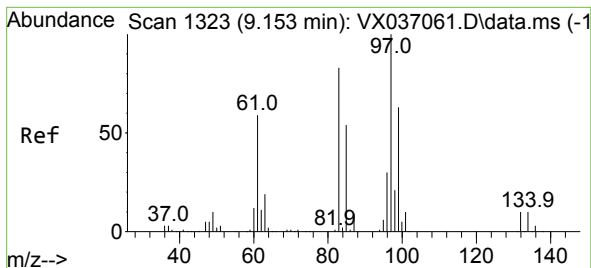
Tgt Ion: 75 Resp: 139025
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 47.191 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX037121.D
 Acq: 19 Aug 2023 09:56

Tgt Ion: 75 Resp: 145942
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 44.0 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 52.193 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 101443

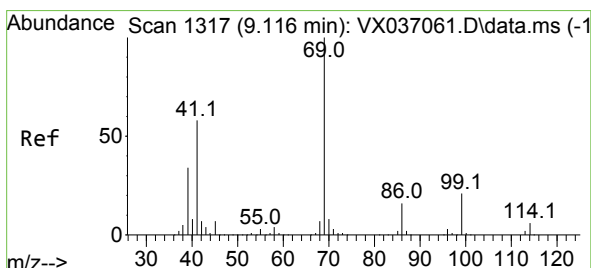
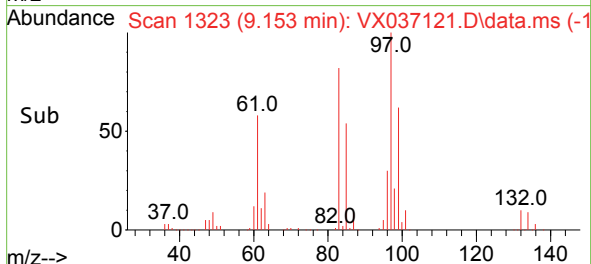
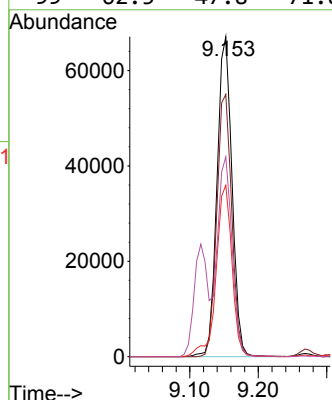
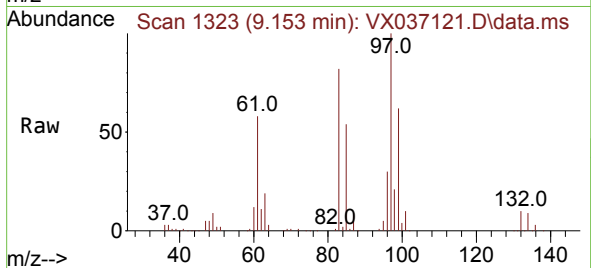
Ion Ratio Lower Upper

97 100

83 81.9 65.8 98.8

85 53.6 41.6 62.4

99 62.5 47.8 71.8



#56

Ethyl methacrylate

Concen: 51.608 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

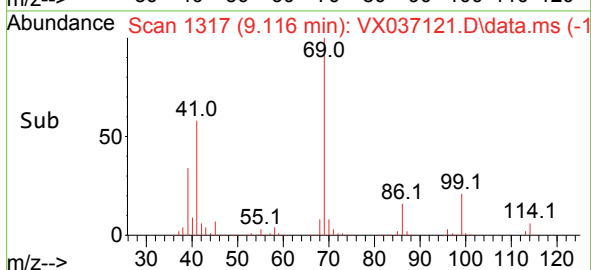
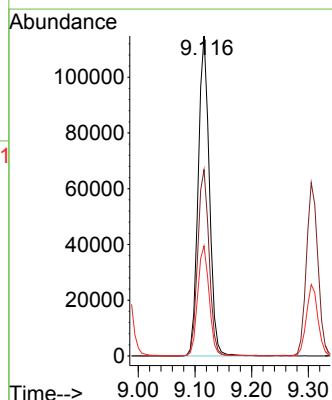
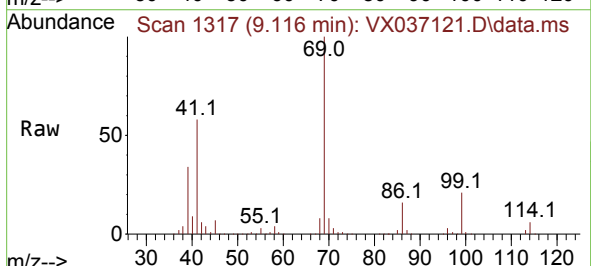
Tgt Ion: 69 Resp: 157115

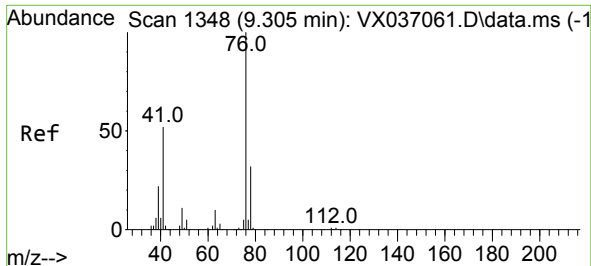
Ion Ratio Lower Upper

69 100

41 59.4 56.8 85.2

39 35.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 51.307 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

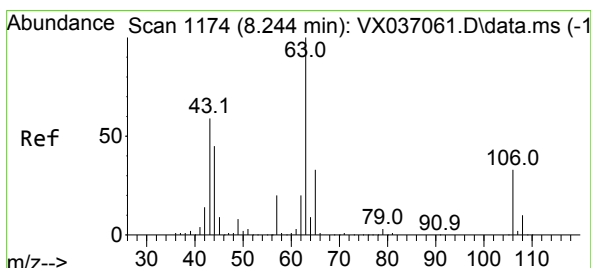
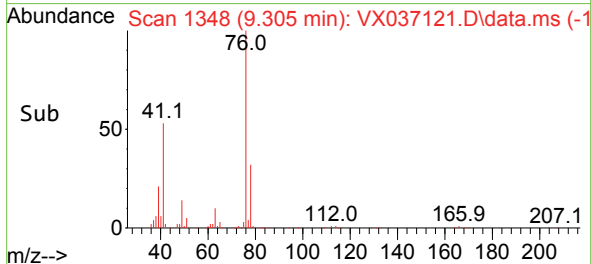
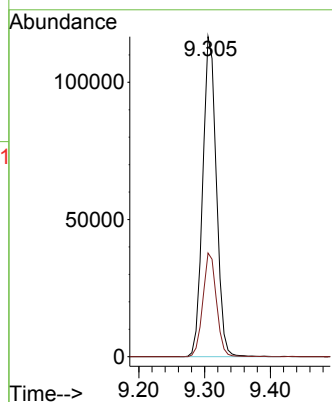
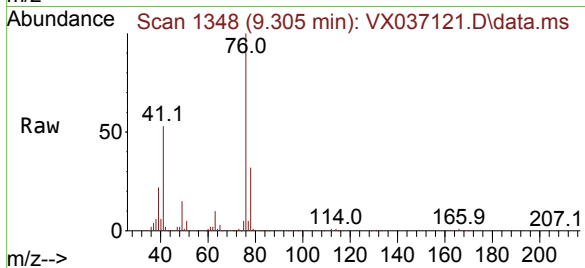
VSTDCCC050EC

Tgt Ion: 76 Resp: 168106

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 256.173 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037121.D

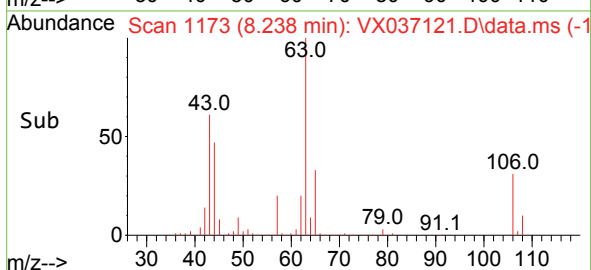
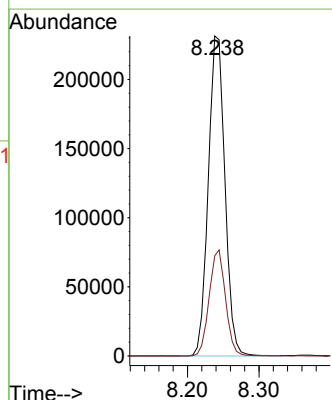
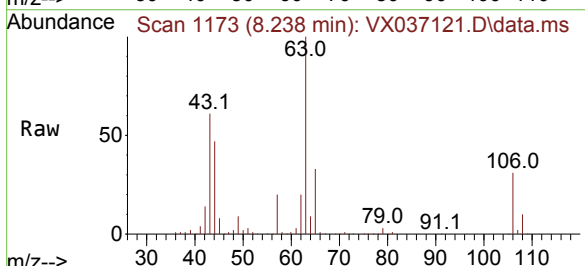
Acq: 19 Aug 2023 09:56

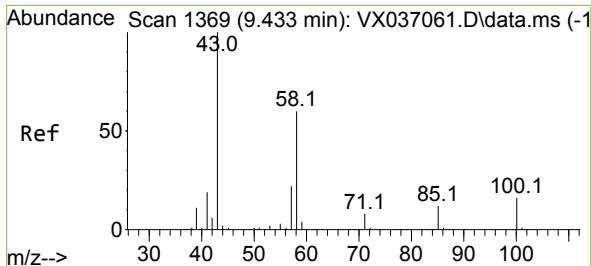
Tgt Ion: 63 Resp: 374265

Ion Ratio Lower Upper

63 100

106 32.5 22.5 33.7

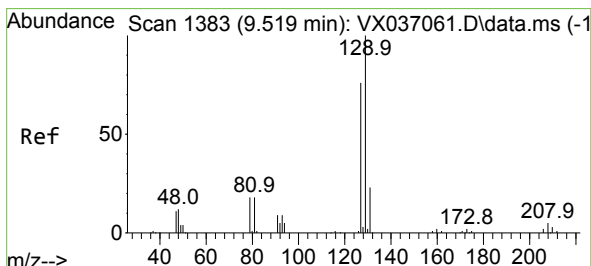
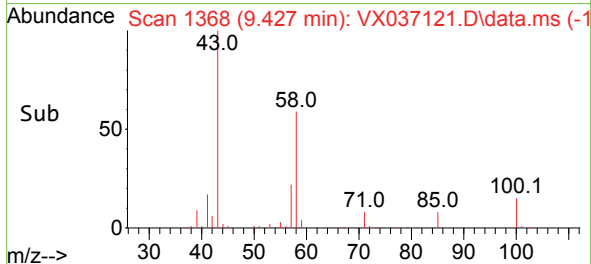
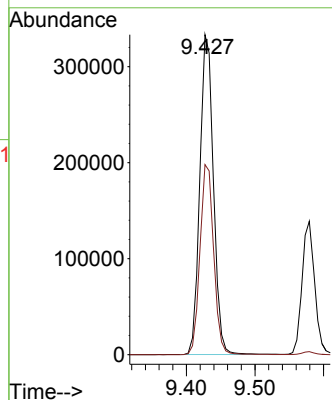
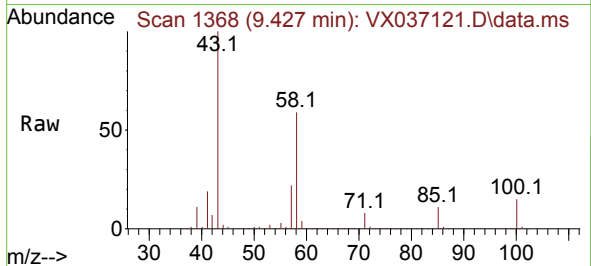




#59
2-Hexanone
Concen: 243.702 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

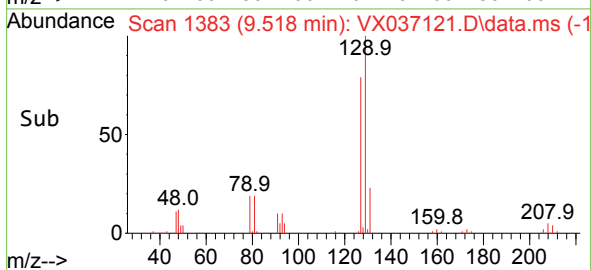
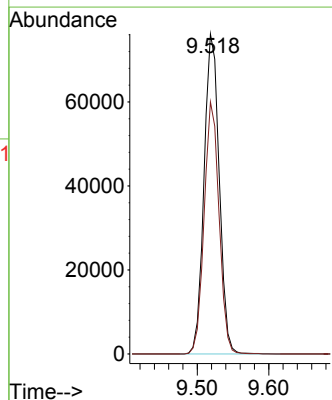
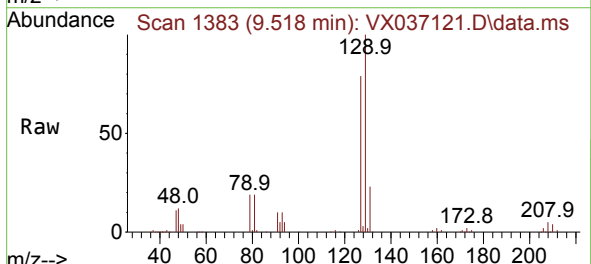
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

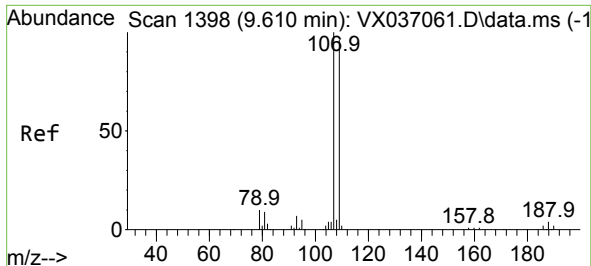
Tgt Ion: 43 Resp: 460929
Ion Ratio Lower Upper
43 100
58 59.9 26.2 78.5



#60
Dibromochloromethane
Concen: 54.219 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 129 Resp: 112198
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

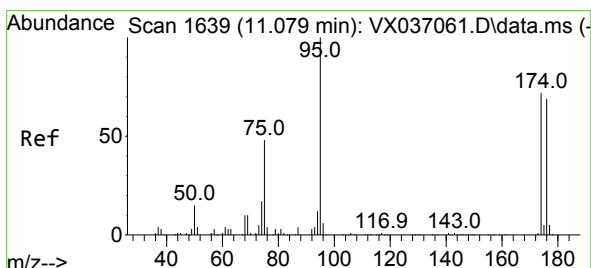
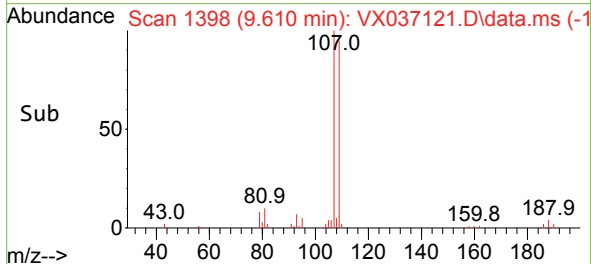
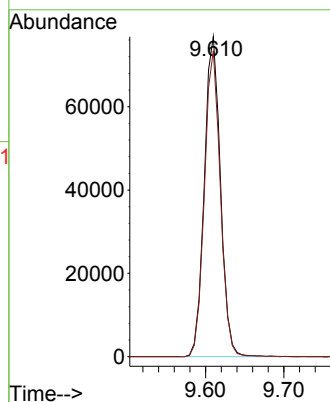
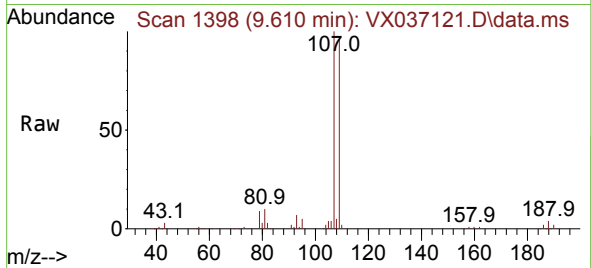




#61
1,2-Dibromoethane
Concen: 51.652 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

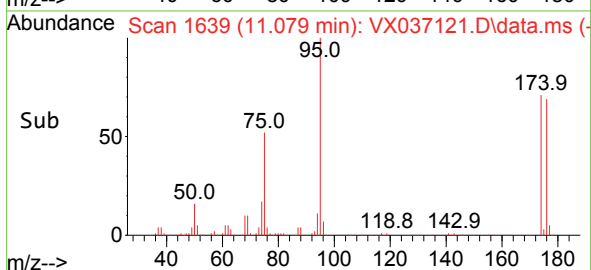
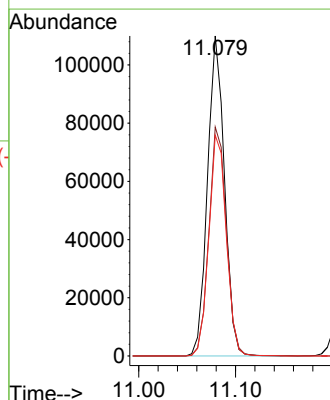
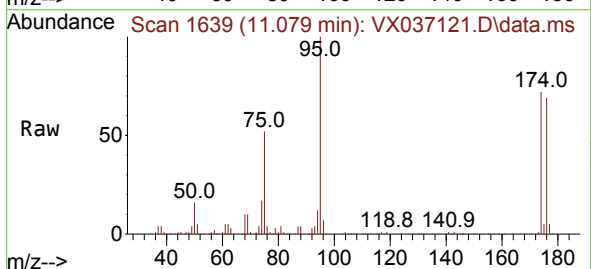
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

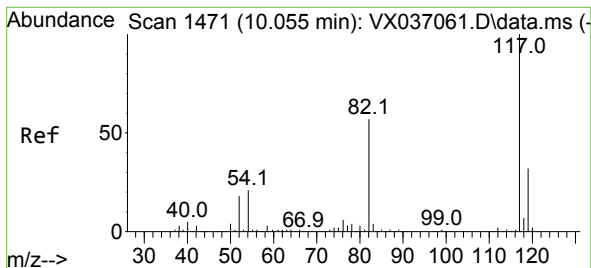
Tgt Ion:107 Resp: 109915
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 95 Resp: 134637
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.9 0.0 131.0

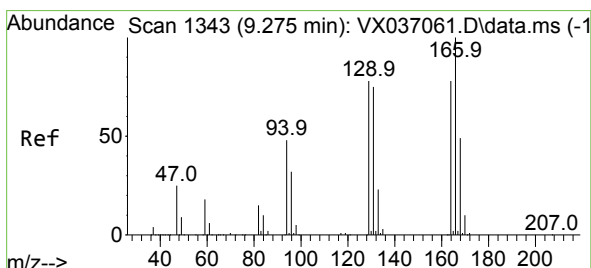
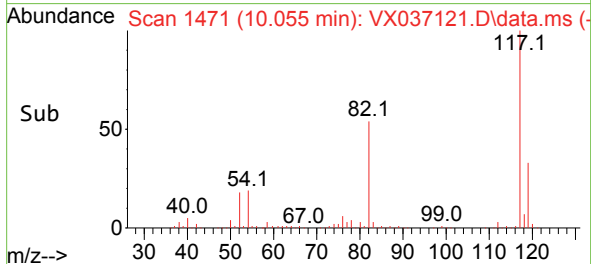
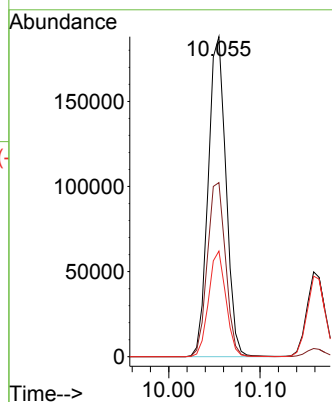
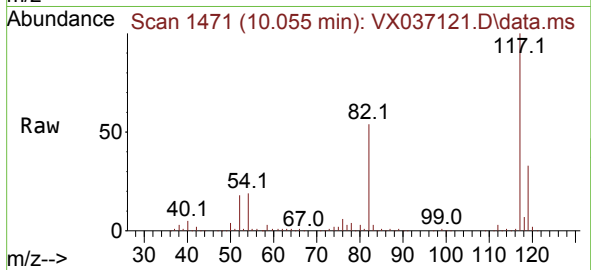




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

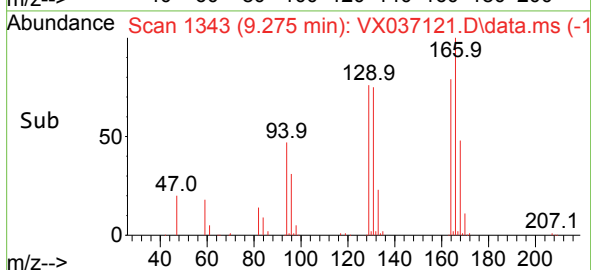
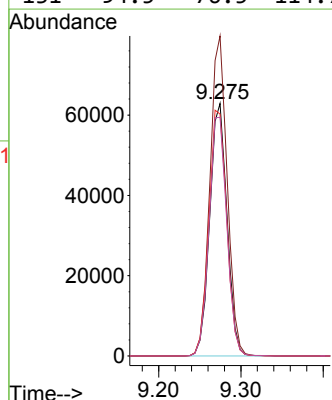
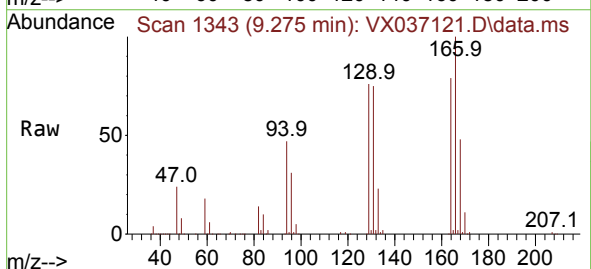
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

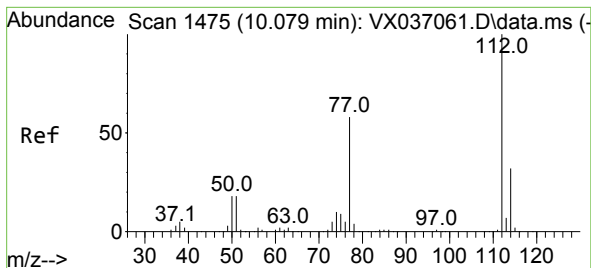
Tgt Ion:117 Resp: 253714
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 49.535 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion:164 Resp: 91682
Ion Ratio Lower Upper
164 100
166 126.7 102.7 154.1
129 95.8 80.4 120.6
131 94.5 76.5 114.7

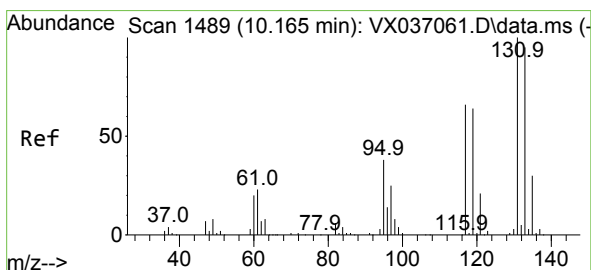
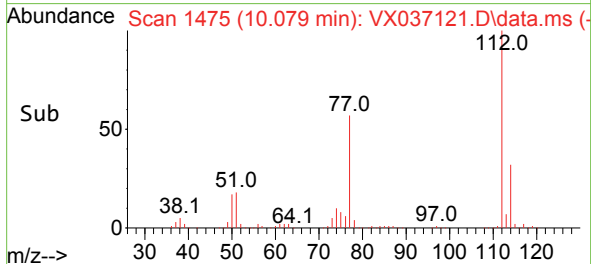
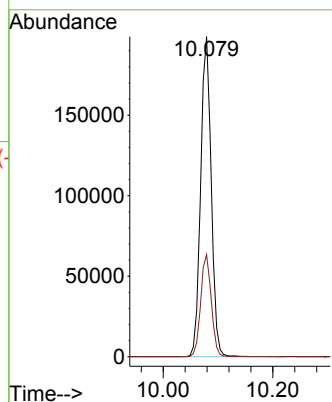
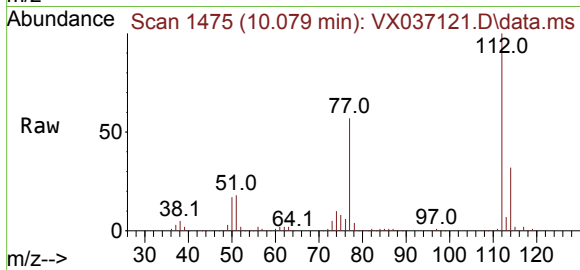




#65
Chlorobenzene
Concen: 49.570 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

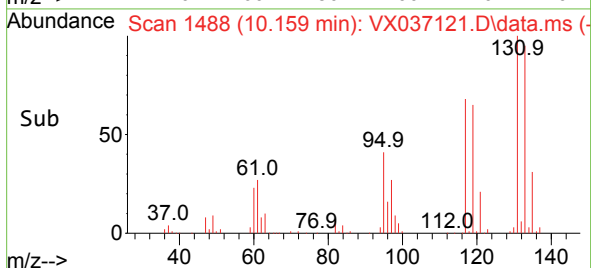
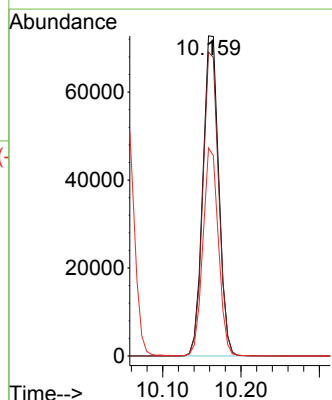
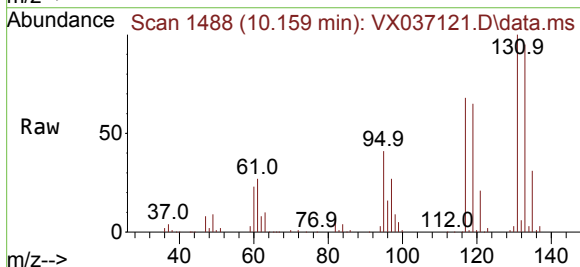
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

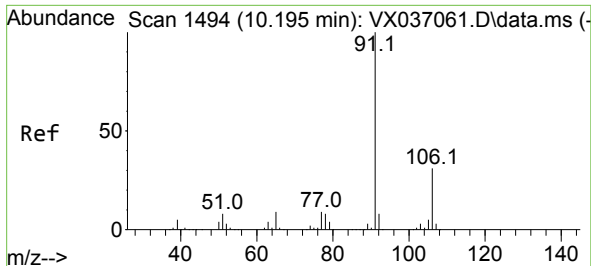
Tgt Ion:112 Resp: 265810
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.930 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

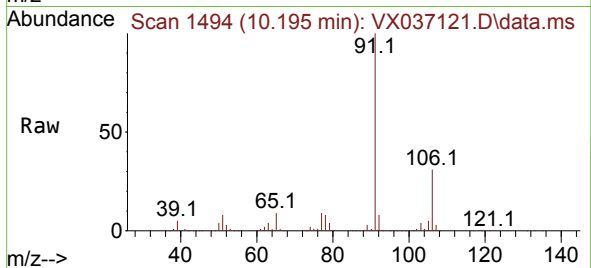
Tgt Ion:131 Resp: 102775
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 63.2 32.2 96.6



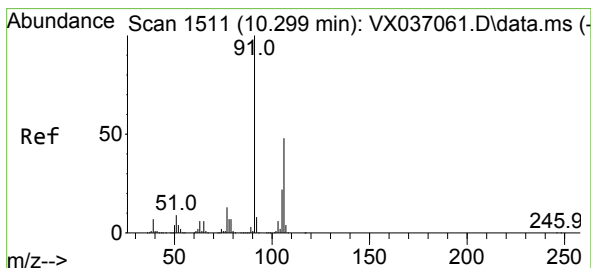
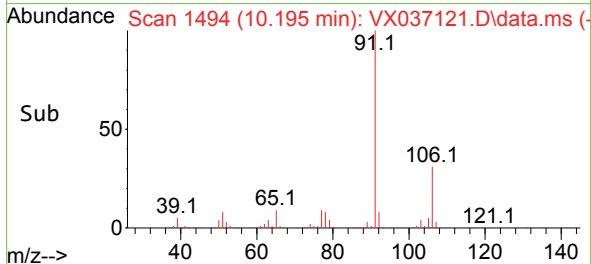
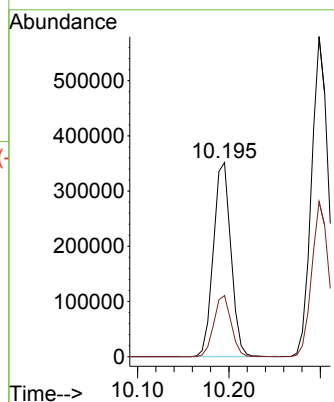


#67
Ethyl Benzene
Concen: 49.829 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

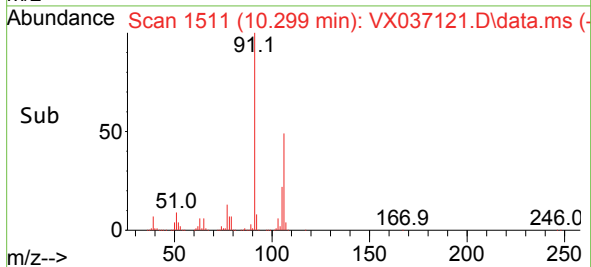
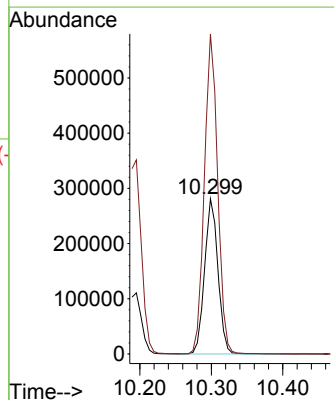
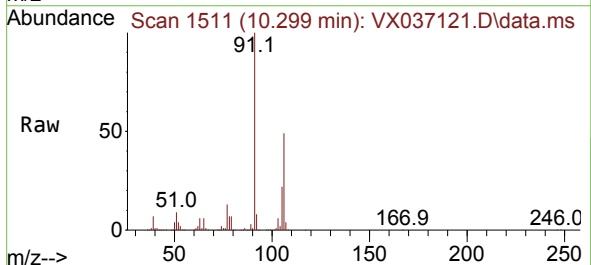


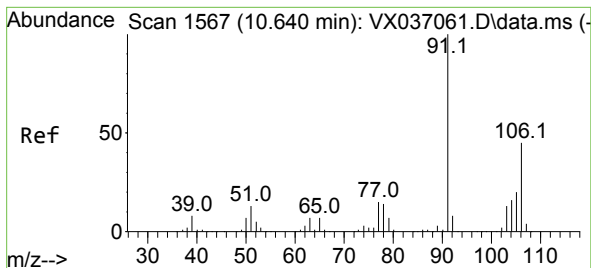
Tgt Ion: 91 Resp: 470166
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 99.956 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 106 Resp: 364222
Ion Ratio Lower Upper
106 100
91 205.4 165.5 248.3





#69

o-Xylene

Concen: 51.048 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

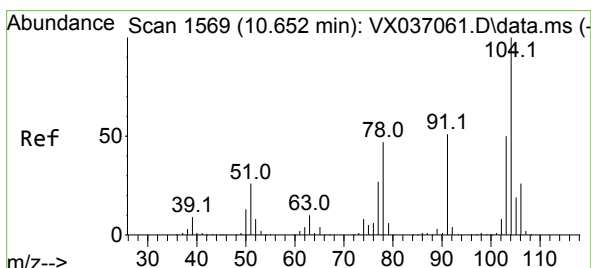
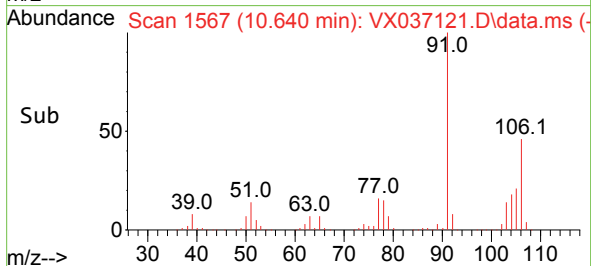
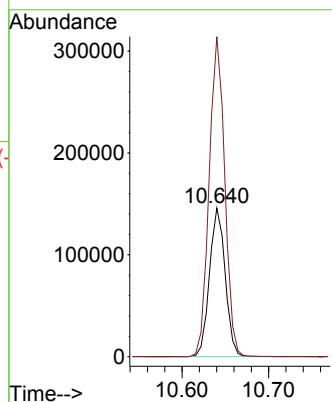
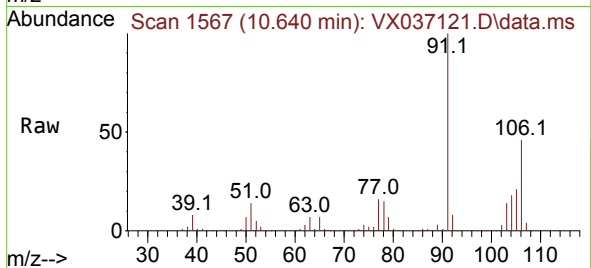
VSTDCCC050EC

Tgt Ion:106 Resp: 183521

Ion Ratio Lower Upper

106 100

91 214.3 108.9 326.8



#70

Styrene

Concen: 51.176 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

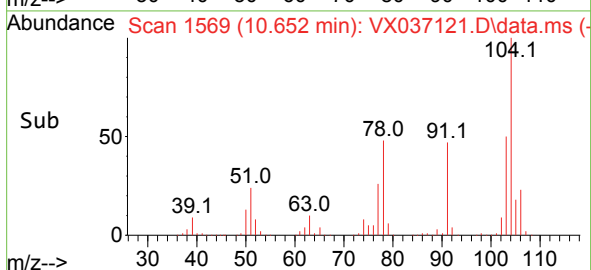
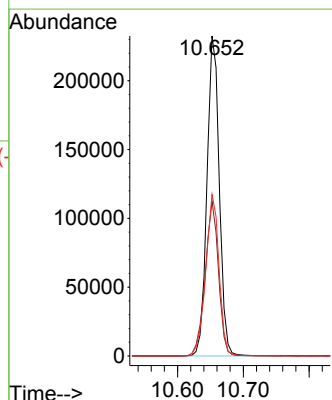
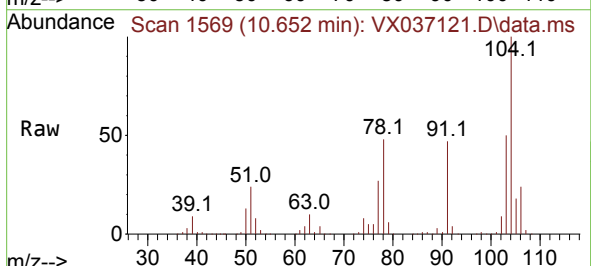
Tgt Ion:104 Resp: 303061

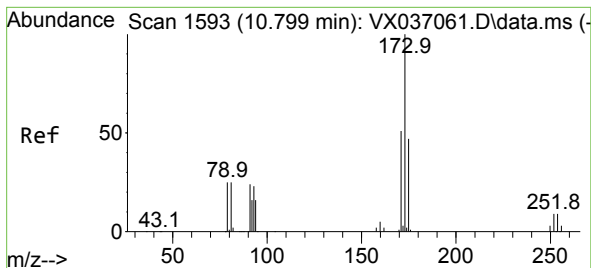
Ion Ratio Lower Upper

104 100

78 52.3 43.6 65.4

103 54.4 43.6 65.4





#71

Bromoform

Concen: 53.952 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

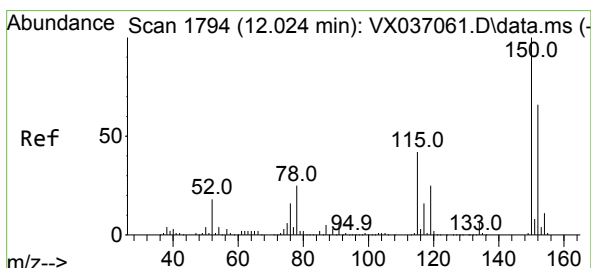
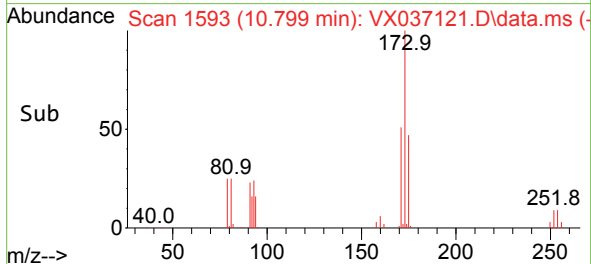
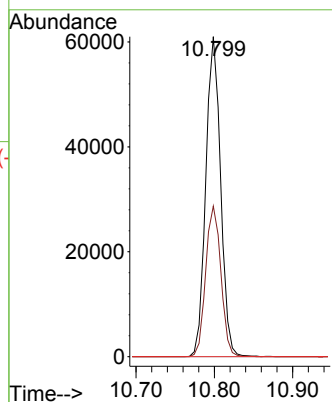
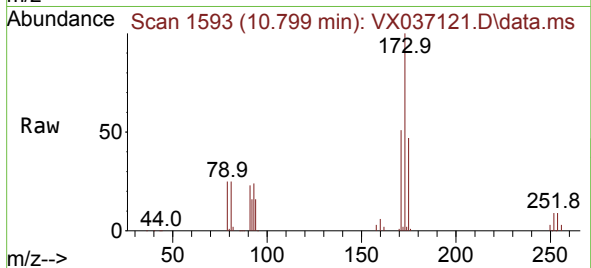
Tgt Ion:173 Resp: 79870

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.0 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: VX037121.D

Acq: 19 Aug 2023 09:56

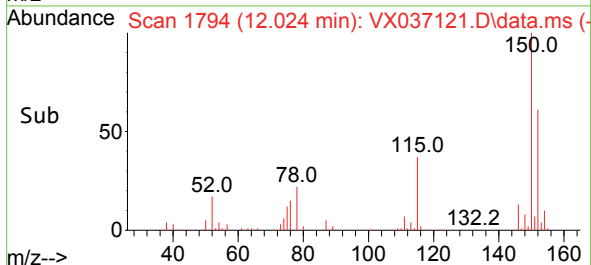
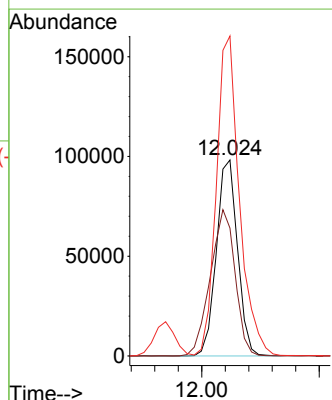
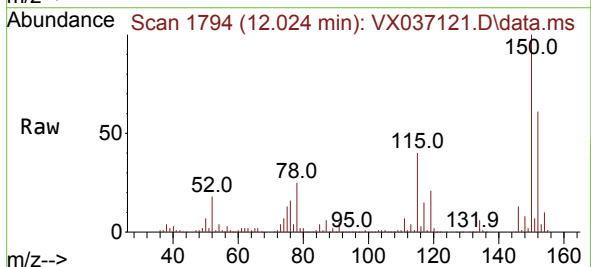
Tgt Ion:152 Resp: 122792

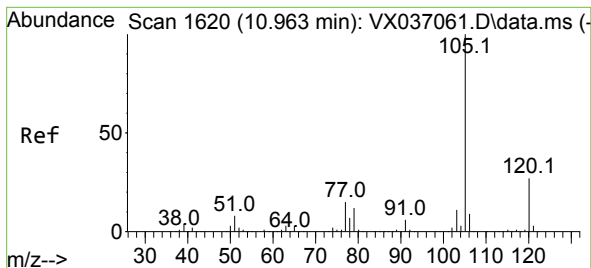
Ion Ratio Lower Upper

152 100

115 87.7 43.3 129.9

150 177.8 0.0 345.0





#73

Isopropylbenzene

Concen: 51.968 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

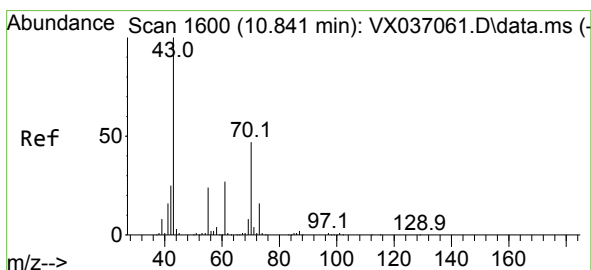
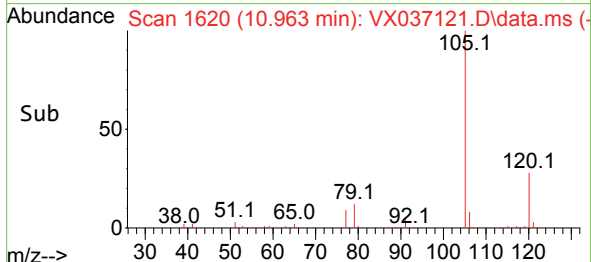
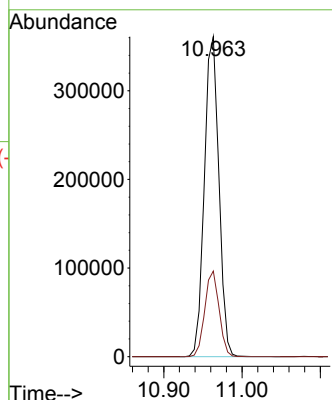
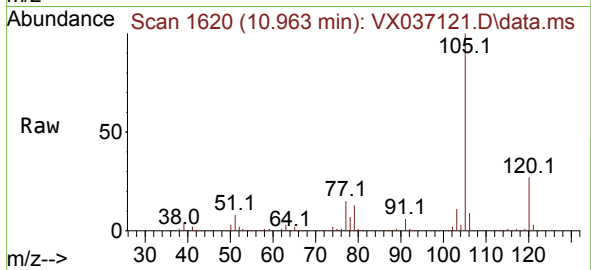
VSTDCCC050EC

Tgt Ion:105 Resp: 463826

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 49.884 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Tgt Ion: 43 Resp: 172995

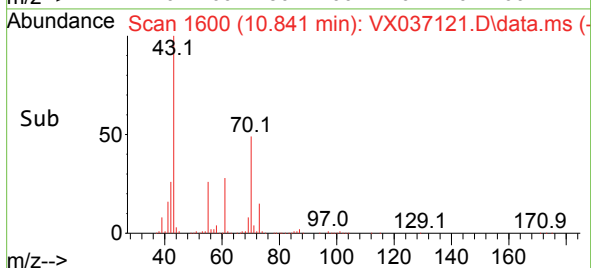
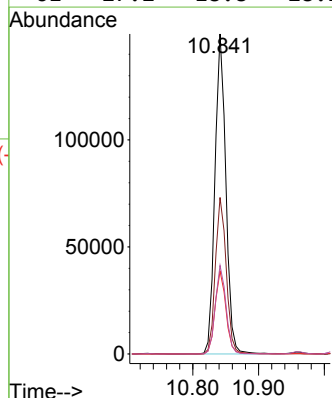
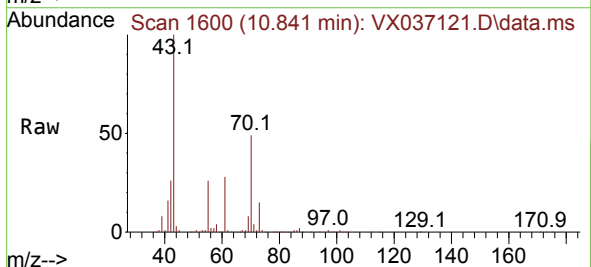
Ion Ratio Lower Upper

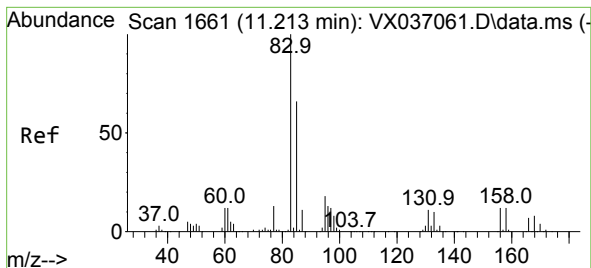
43 100

70 49.1 32.9 49.3

55 25.9 19.3 28.9

61 27.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.952 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

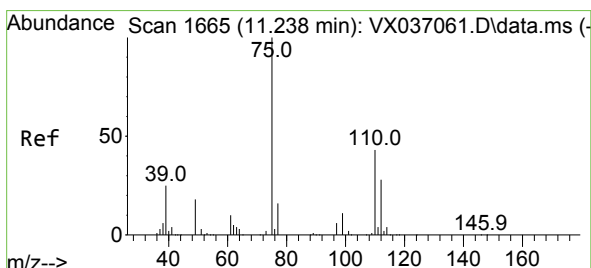
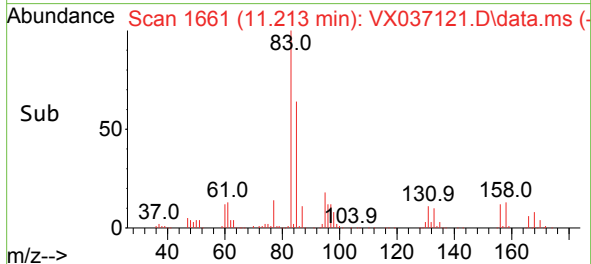
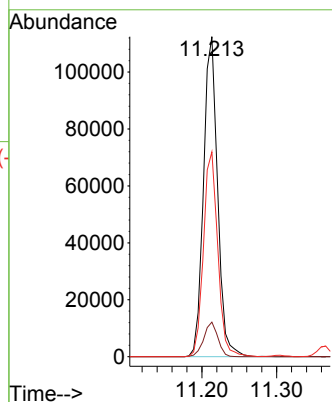
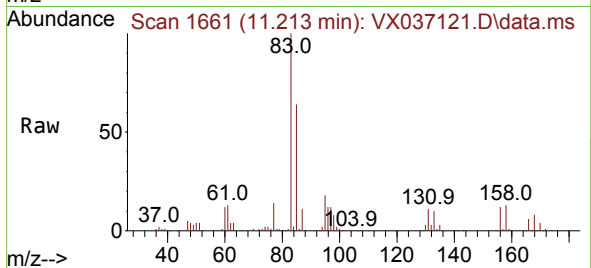
Tgt Ion: 83 Resp: 147139

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.8

85 65.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 61.812 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037121.D

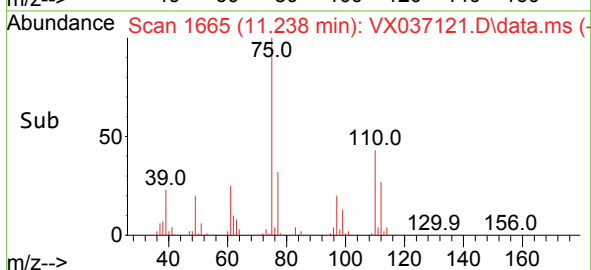
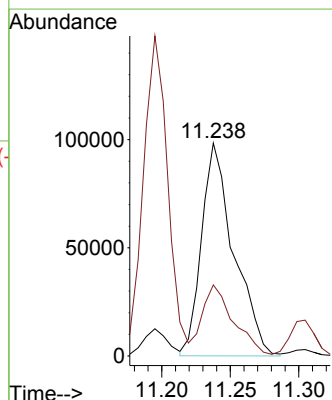
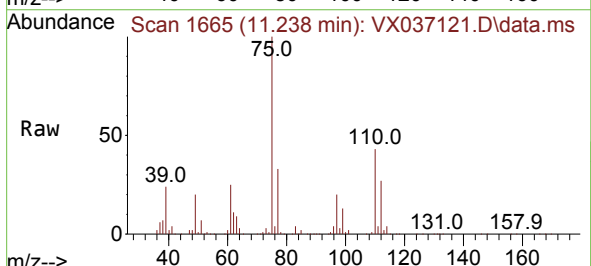
Acq: 19 Aug 2023 09:56

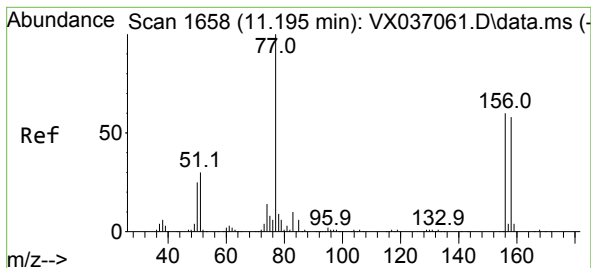
Tgt Ion: 75 Resp: 161642

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 51.781 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

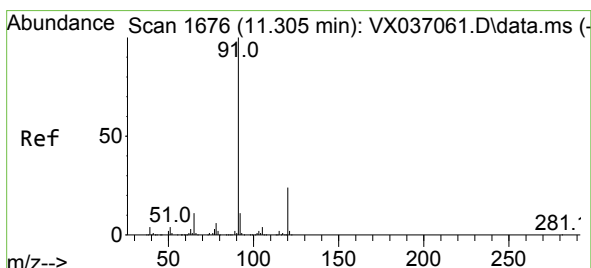
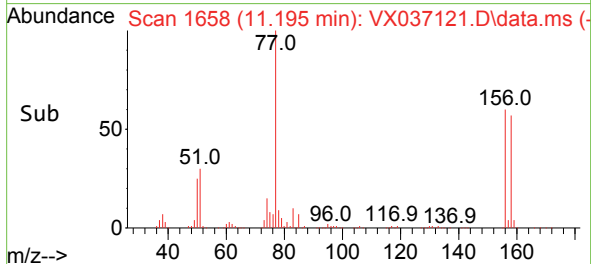
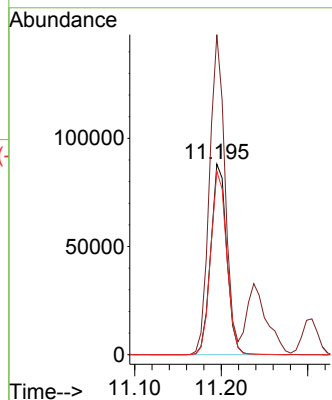
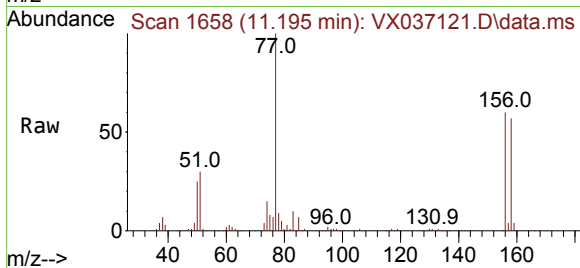
Tgt Ion:156 Resp: 112869

Ion Ratio Lower Upper

156 100

77 163.1 88.4 265.3

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 51.494 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037121.D

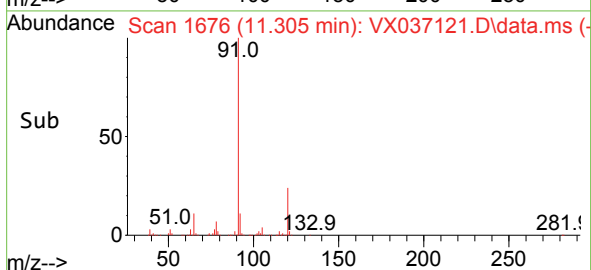
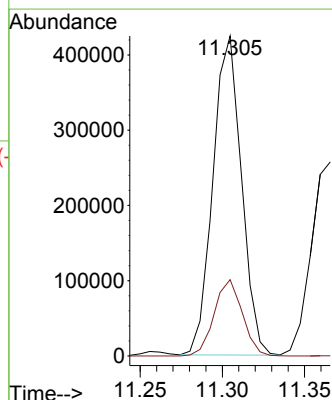
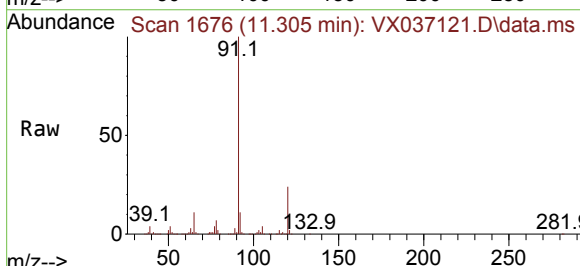
Acq: 19 Aug 2023 09:56

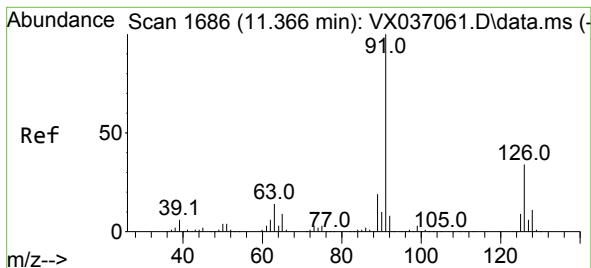
Tgt Ion: 91 Resp: 511766

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.849 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

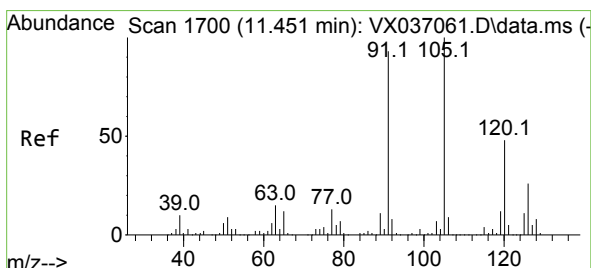
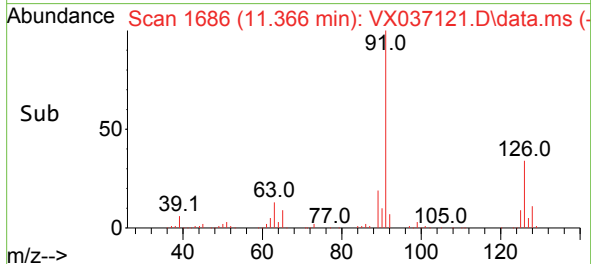
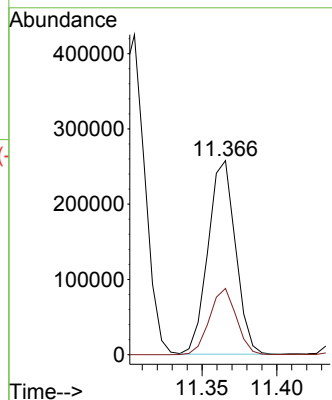
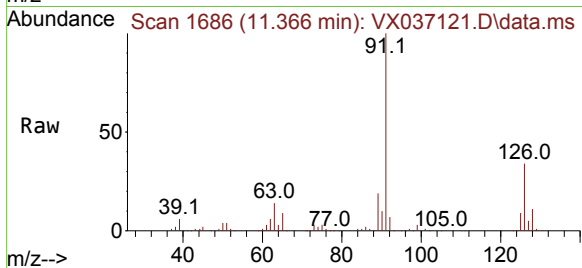
VSTDCCC050EC

Tgt Ion: 91 Resp: 329290

Ion Ratio Lower Upper

91 100

126 33.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 53.085 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037121.D

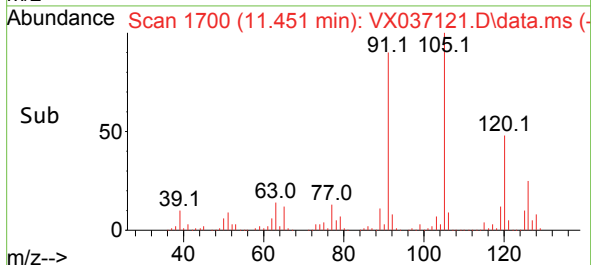
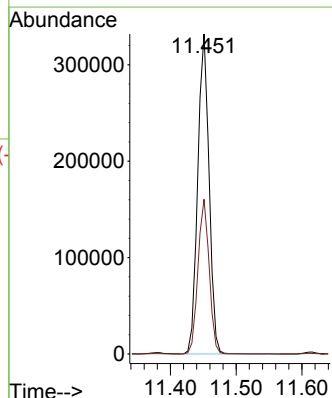
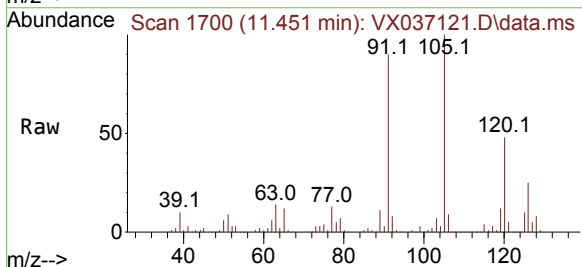
Acq: 19 Aug 2023 09:56

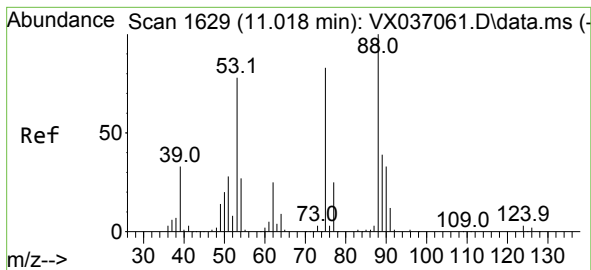
Tgt Ion: 105 Resp: 395223

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.3

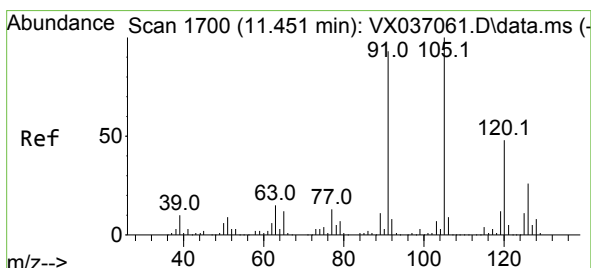
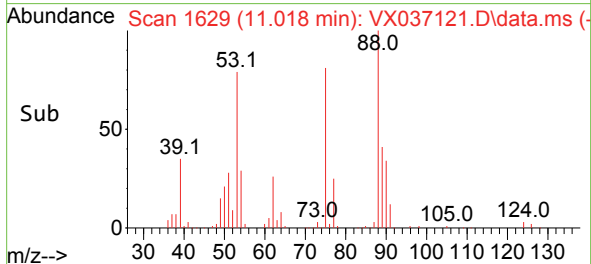
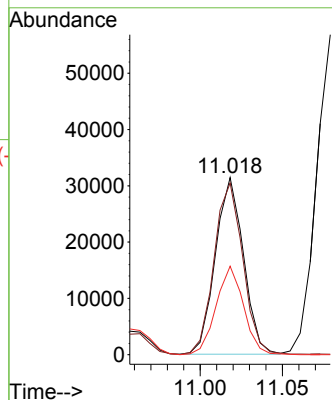
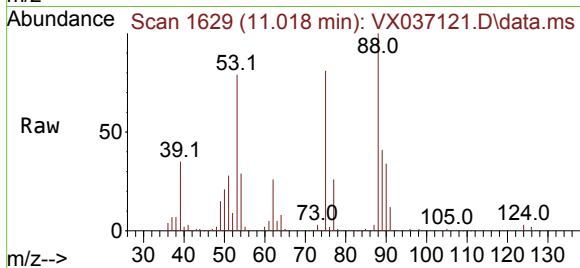




#81
trans-1,4-Dichloro-2-butene
Concen: 39.910 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

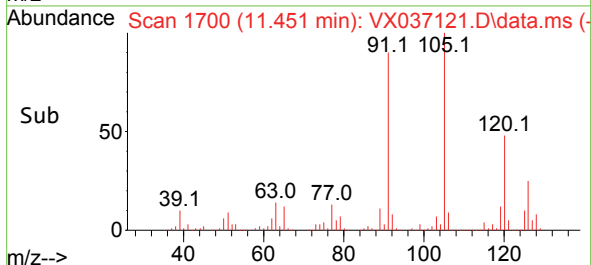
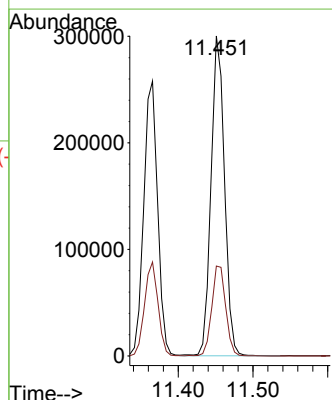
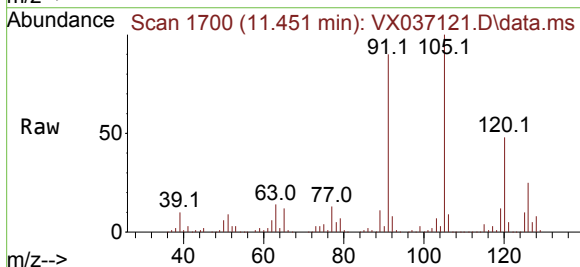
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

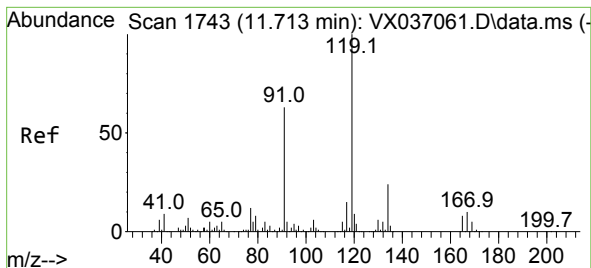
Tgt Ion: 75 Resp: 37367
Ion Ratio Lower Upper
75 100
53 99.2 90.5 135.7
89 48.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.266 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037121.D
Acq: 19 Aug 2023 09:56

Tgt Ion: 91 Resp: 375840
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.219 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

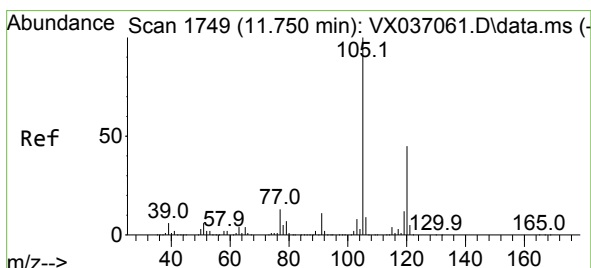
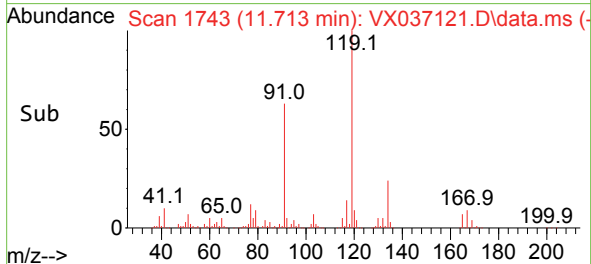
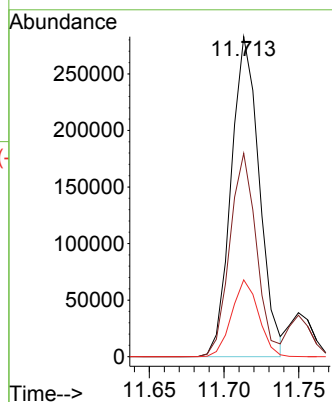
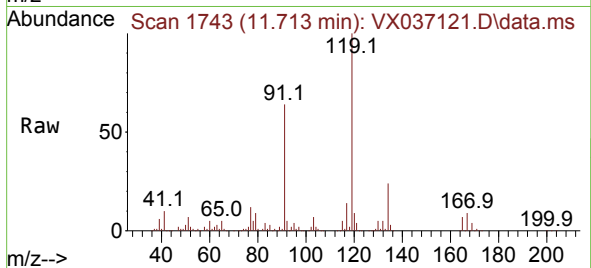
Tgt Ion:119 Resp: 370776

Ion Ratio Lower Upper

119 100

91 60.5 31.2 93.6

134 22.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.477 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037121.D

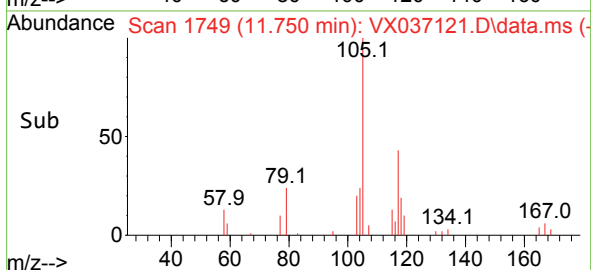
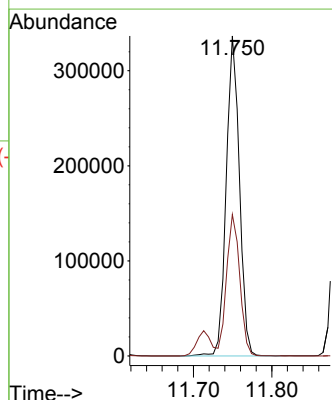
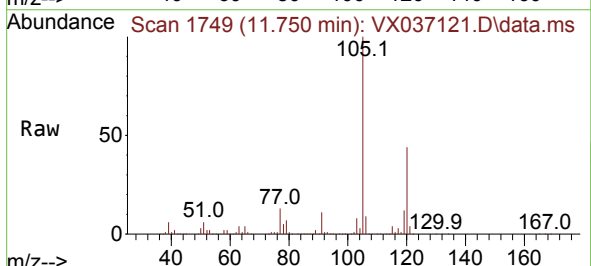
Acq: 19 Aug 2023 09:56

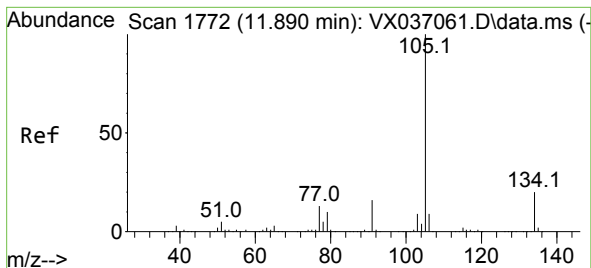
Tgt Ion:105 Resp: 394858

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6





#85

sec-Butylbenzene

Concen: 52.809 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

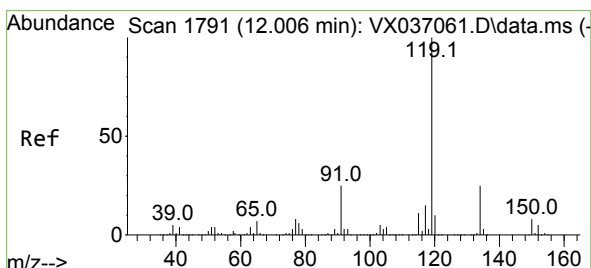
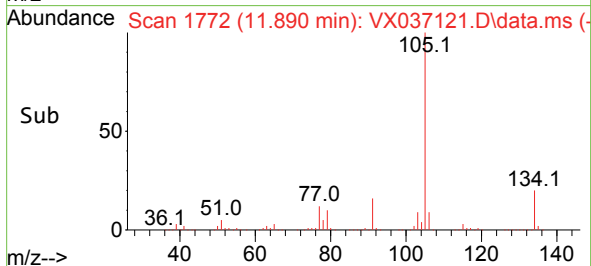
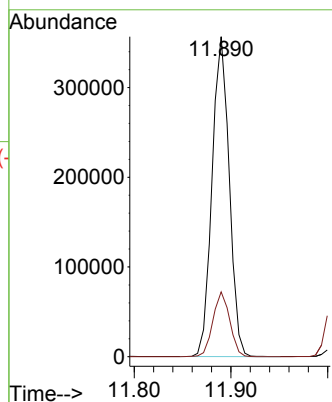
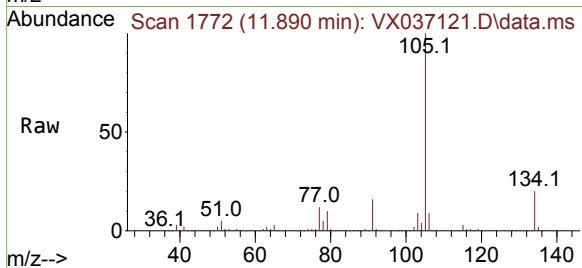
VSTDCCC050EC

Tgt Ion:105 Resp: 437977

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 52.800 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

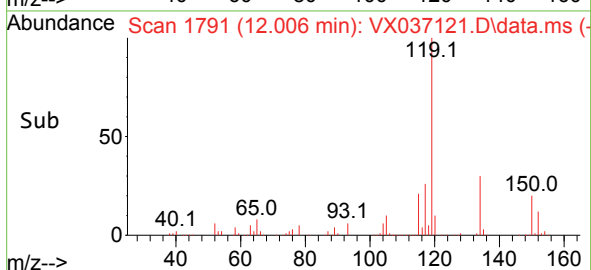
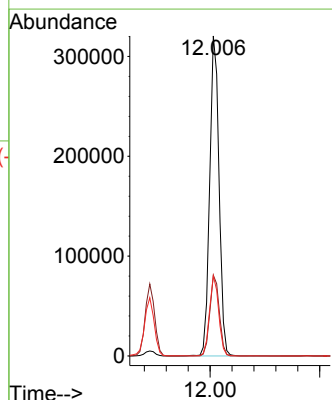
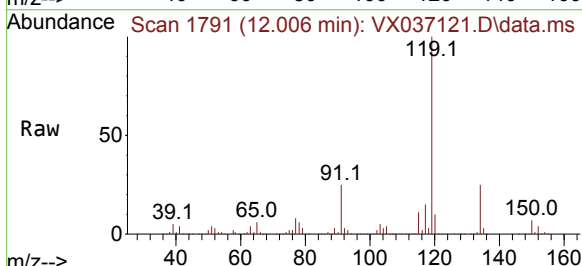
Tgt Ion:119 Resp: 376968

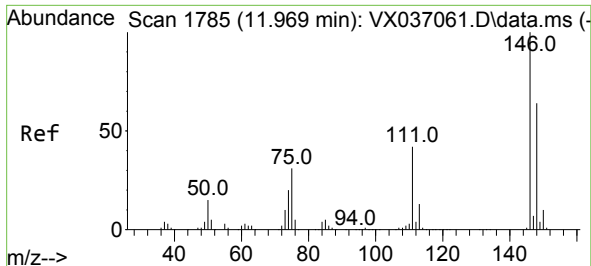
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.280 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

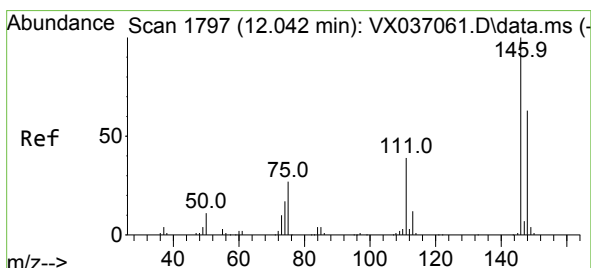
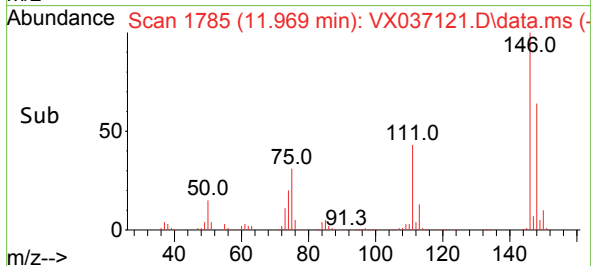
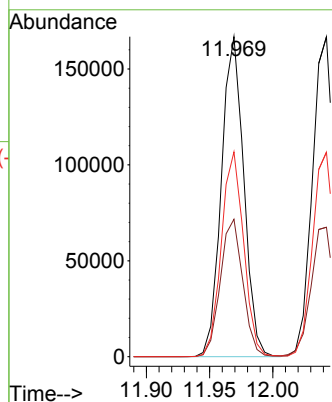
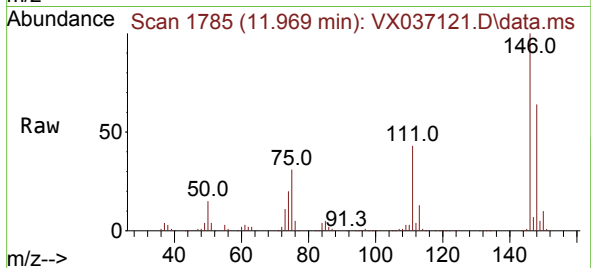
Tgt Ion:146 Resp: 205191

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.280 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

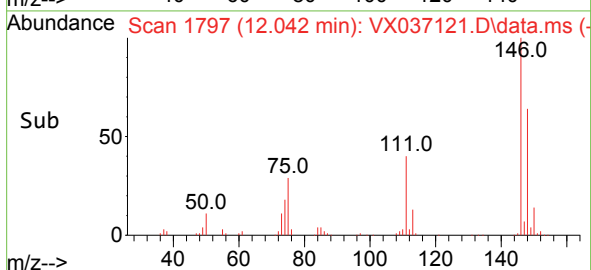
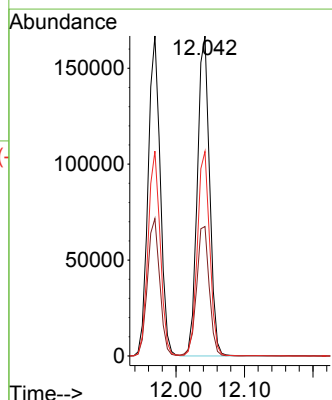
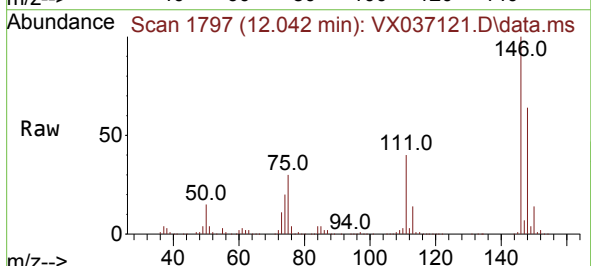
Tgt Ion:146 Resp: 207779

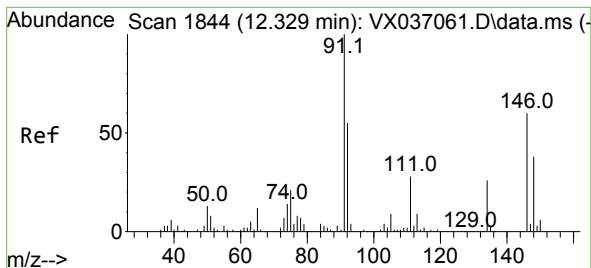
Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 51.011 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

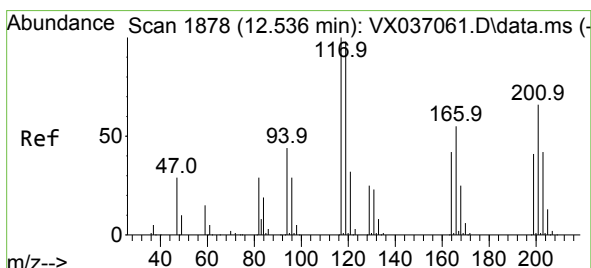
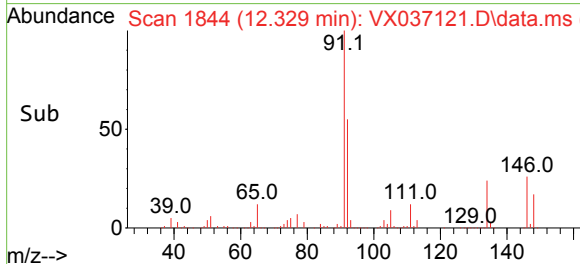
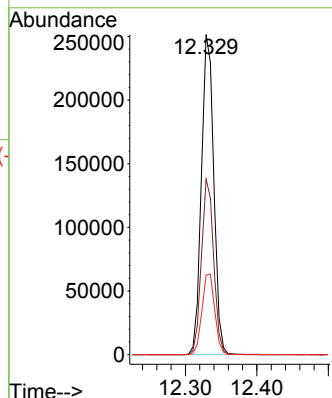
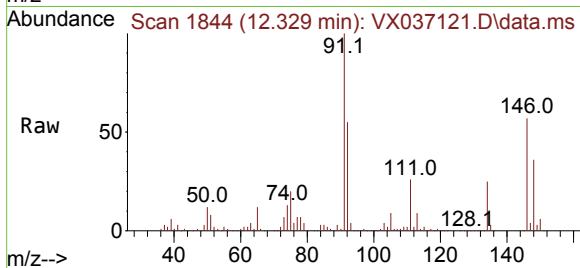
Tgt Ion: 91 Resp: 301947

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

134 26.2 12.6 37.8



#90

Hexachloroethane

Concen: 54.685 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037121.D

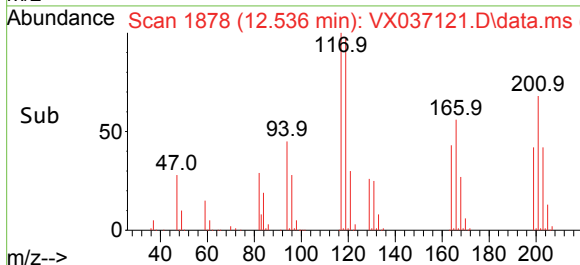
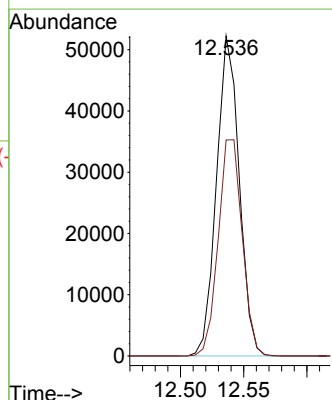
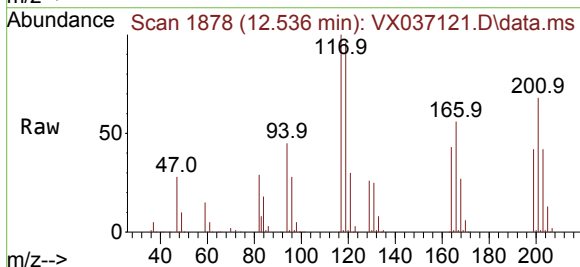
Acq: 19 Aug 2023 09:56

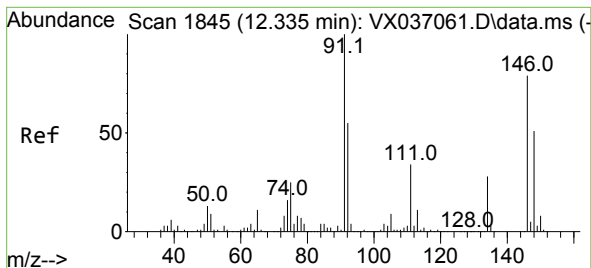
Tgt Ion: 117 Resp: 65165

Ion Ratio Lower Upper

117 100

201 71.4 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 50.708 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

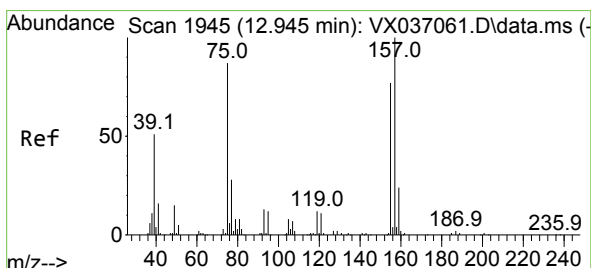
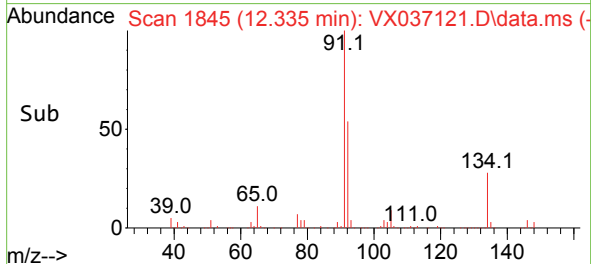
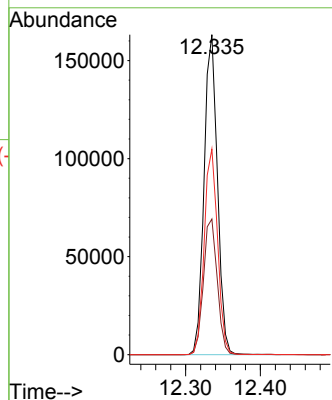
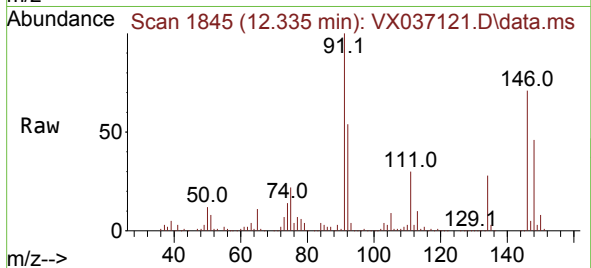
Tgt Ion:146 Resp: 202639

Ion Ratio Lower Upper

146 100

111 44.0 22.4 67.0

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.147 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

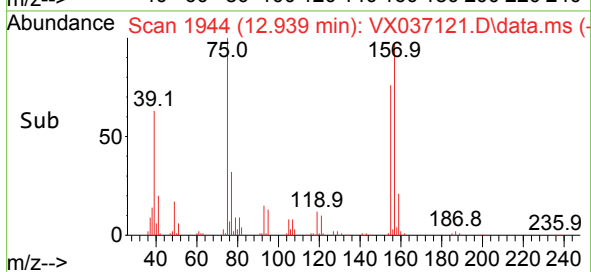
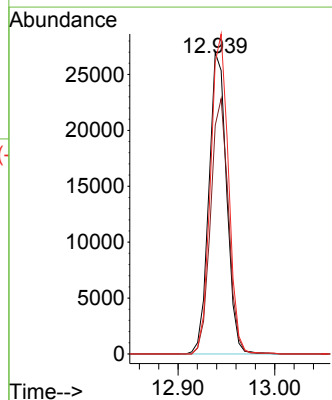
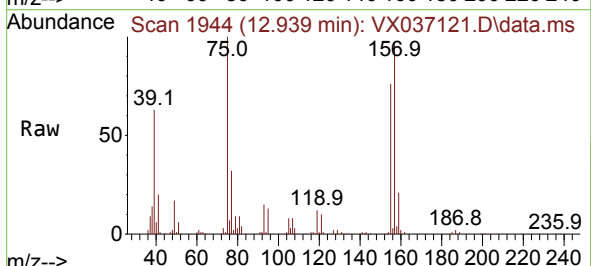
Tgt Ion: 75 Resp: 34325

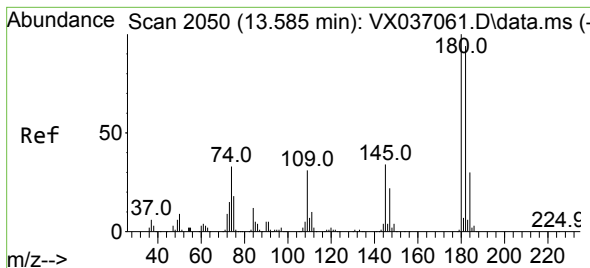
Ion Ratio Lower Upper

75 100

155 84.9 36.1 108.5

157 107.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.306 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

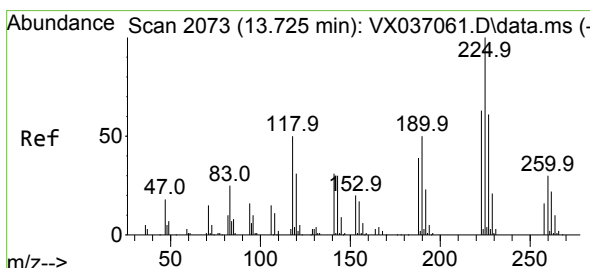
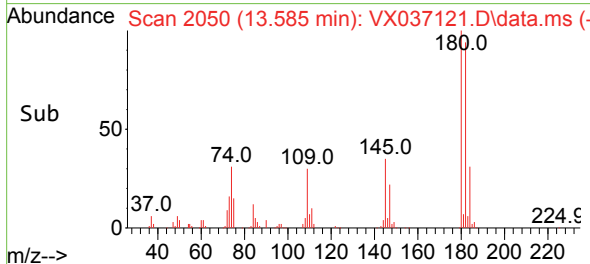
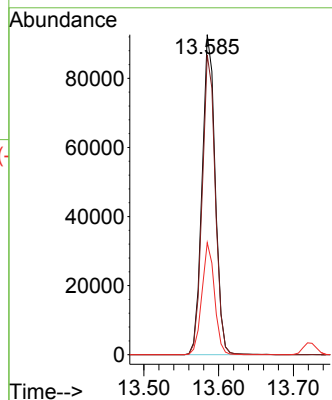
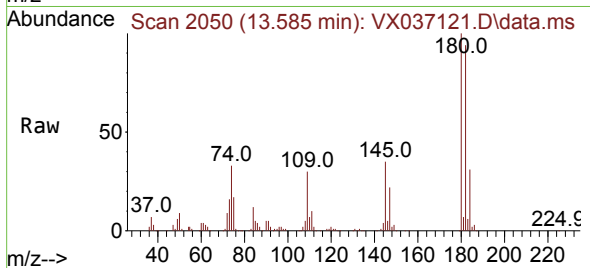
Tgt Ion:180 Resp: 112951

Ion Ratio Lower Upper

180 100

182 93.4 48.3 144.8

145 33.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 47.027 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

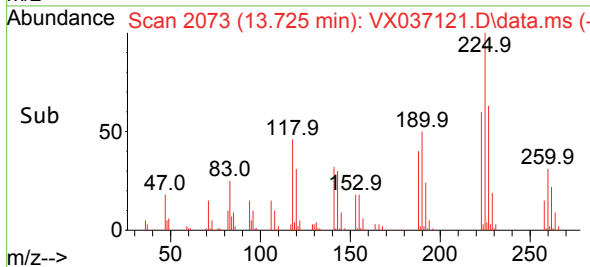
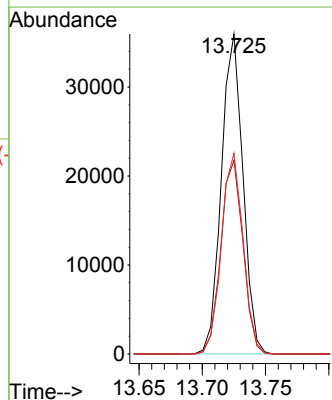
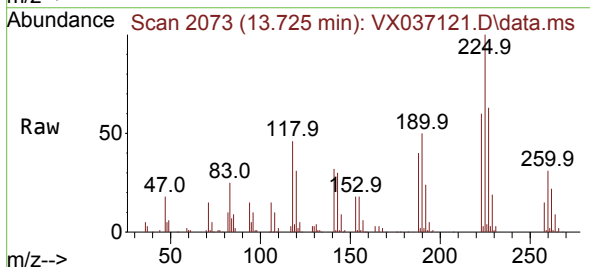
Tgt Ion:225 Resp: 42480

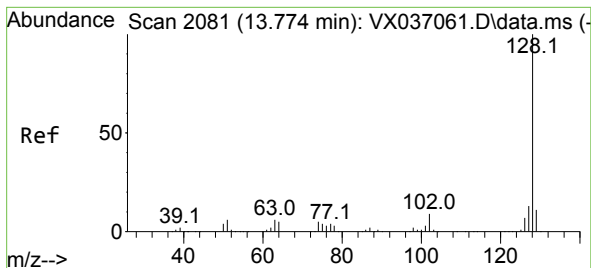
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.2

227 63.2 32.5 97.5





#95

Naphthalene

Concen: 41.885 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

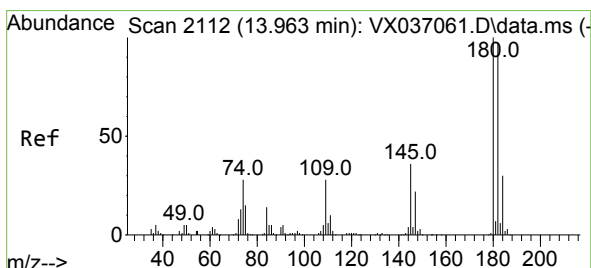
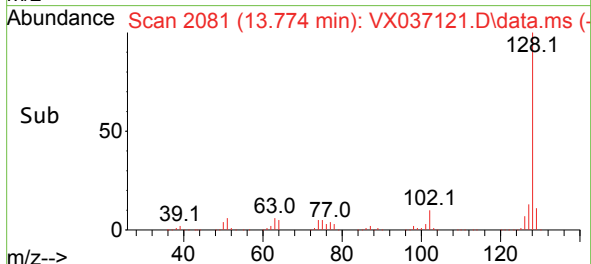
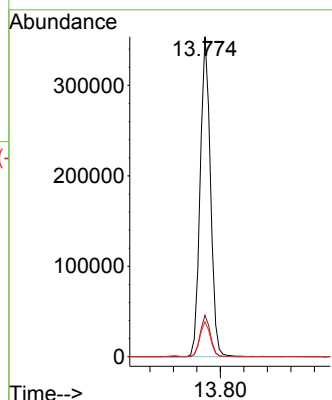
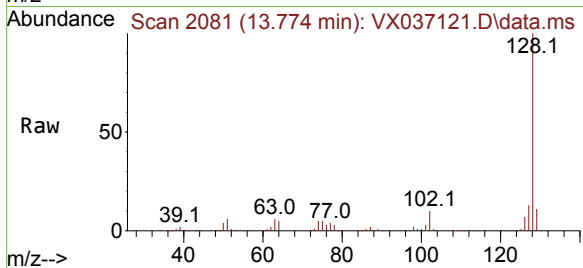
Tgt Ion:128 Resp: 429000

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.490 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037121.D

Acq: 19 Aug 2023 09:56

Tgt Ion:180 Resp: 114969

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.6

145 34.7 17.8 53.5

