

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012637.D
 Acq On : 16 Feb 2023 17:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 16 22:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80609	52.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.600%	
35) Dibromofluoromethane	7.716	113	70994	55.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.179	98	283841	53.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.477	95	100812	54.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34761	40.294	ug/l	97
3) Chloromethane	2.113	50	34865	37.273	ug/l	99
4) Vinyl Chloride	2.247	62	48247	41.400	ug/l	100
5) Bromomethane	2.644	94	40725	47.741	ug/l	95
6) Chloroethane	2.790	64	37123	45.765	ug/l	98
7) Trichlorofluoromethane	3.125	101	113264	47.285	ug/l	98
8) Diethyl Ether	3.528	74	35788	50.386	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	57307	47.377	ug/l	99
10) Methyl Iodide	4.088	142	71338	45.493	ug/l	97
11) Tert butyl alcohol	4.948	59	37258	252.871	ug/l	100
12) 1,1-Dichloroethene	3.875	96	55413	46.364	ug/l	92
13) Acrolein	3.729	56	41744	232.593	ug/l	100
14) Allyl chloride	4.479	41	65223	44.758	ug/l	96
15) Acrylonitrile	5.155	53	83799	255.727	ug/l	99
16) Acetone	3.942	43	87515	238.175	ug/l	99
17) Carbon Disulfide	4.192	76	119596	38.579	ug/l	98
18) Methyl Acetate	4.472	43	46189	52.299	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	185703	53.099	ug/l	98
20) Methylene Chloride	4.710	84	76854	56.540	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	61886	47.478	ug/l	96
22) Diisopropyl ether	6.112	45	149477	50.447	ug/l	95
23) Vinyl Acetate	6.058	43	446540	249.984	ug/l	97
24) 1,1-Dichloroethane	6.015	63	103781	48.994	ug/l	99
25) 2-Butanone	6.978	43	98961	242.743	ug/l	94
26) 2,2-Dichloropropane	6.978	77	115589	49.667	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	76725	50.723	ug/l	98
28) Bromochloromethane	7.332	49	41172	53.472	ug/l	97
29) Tetrahydrofuran	7.344	42	57222	259.630	ug/l	97
30) Chloroform	7.502	83	131226	51.383	ug/l	99
31) Cyclohexane	7.783	56	73671	41.738	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	127390	51.403	ug/l	99
36) 1,1-Dichloropropene	7.917	75	82427	47.938	ug/l	99
37) Ethyl Acetate	7.070	43	37861	48.799	ug/l	99
38) Carbon Tetrachloride	7.899	117	118780	51.462	ug/l	97
39) Methylcyclohexane	9.179	83	97412	47.082	ug/l	100
40) Benzene	8.155	78	255093	50.230	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	57333	134.882	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	88096	53.520	ug/l	100
43) Isopropyl Acetate	8.271	43	74557	51.829	ug/l	98
44) Trichloroethene	8.935	130	79471	51.406	ug/l	97
45) 1,2-Dichloropropane	9.209	63	55616	50.505	ug/l	97
46) Dibromomethane	9.301	93	38638	52.991	ug/l	98
47) Bromodichloromethane	9.496	83	102119	54.015	ug/l	100
48) Methyl methacrylate	9.289	41	35086	53.360	ug/l	94
49) 1,4-Dioxane	9.295	88	11835	1175.789	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	211348	272.313	ug/l	100
52) Toluene	10.240	92	177920	51.662	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	102753	53.937	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	109632	53.178	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	59096	55.467	ug/l	97
56) Ethyl methacrylate	10.508	69	75178	56.163	ug/l	96
57) 1,3-Dichloropropane	10.788	76	91922	53.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	169799	282.220	ug/l	98
59) 2-Hexanone	10.831	43	155999	265.971	ug/l	100
60) Dibromochloromethane	10.984	129	81112	57.113	ug/l	100
61) 1,2-Dibromoethane	11.087	107	53599	53.692	ug/l	96
64) Tetrachloroethene	10.715	164	94259	54.915	ug/l	96
65) Chlorobenzene	11.514	112	201976	51.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	84340	55.192	ug/l	96
67) Ethyl Benzene	11.593	91	352789	51.533	ug/l	99
68) m/p-Xylenes	11.703	106	282337	103.321	ug/l	99
69) o-Xylene	12.026	106	138060	53.051	ug/l	99
70) Styrene	12.044	104	237424	53.795	ug/l	99
71) Bromoform	12.203	173	54944	56.884	ug/l #	100
73) Isopropylbenzene	12.325	105	374939	49.129	ug/l	99
74) N-amyl acetate	12.142	43	66449	48.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61208	49.600	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	89935	85.337	ug/l #	100
77) Bromobenzene	12.605	156	92840	50.190	ug/l	97
78) n-propylbenzene	12.666	91	427147	48.627	ug/l	100
79) 2-Chlorotoluene	12.751	91	243767	48.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	327513	49.851	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	22851	48.896	ug/l	98
82) 4-Chlorotoluene	12.855	91	254552	48.663	ug/l	100
83) tert-Butylbenzene	13.075	119	289234	50.204	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	323521	50.047	ug/l	99
85) sec-Butylbenzene	13.251	105	404927	49.130	ug/l	100
86) p-Isopropyltoluene	13.367	119	362144	50.649	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	185697	50.455	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	183444	49.759	ug/l	99
89) n-Butylbenzene	13.696	91	302342	49.476	ug/l	99
90) Hexachloroethane	13.959	117	62707	47.780	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	168330	50.841	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12647	51.500	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	109160	53.210	ug/l	99
94) Hexachlorobutadiene	15.111	225	63623	49.922	ug/l	99
95) Naphthalene	15.233	128	220264	55.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	95258	53.643	ug/l	99

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ClientSampleId :
VSTDCCC050EC

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QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

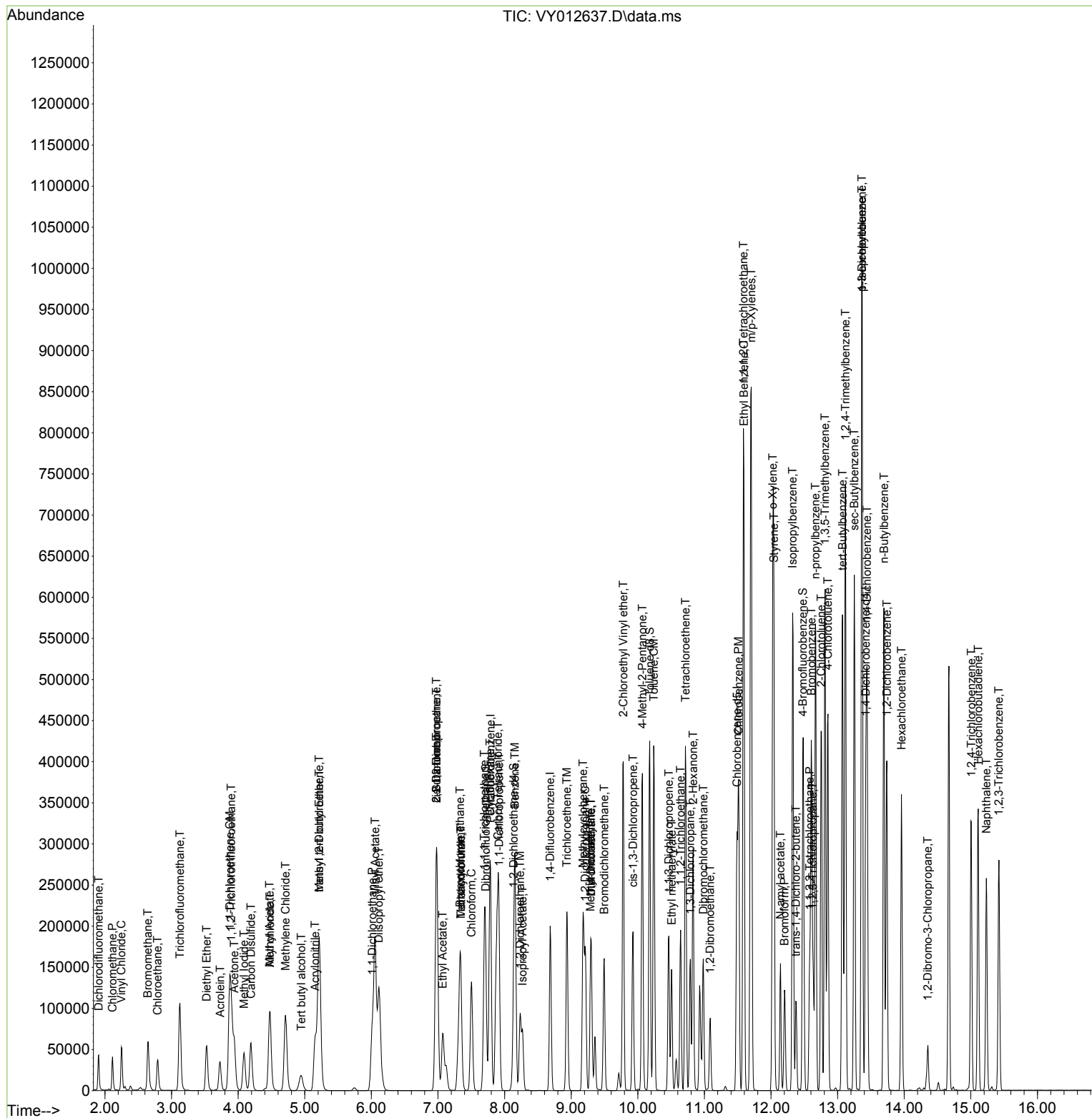
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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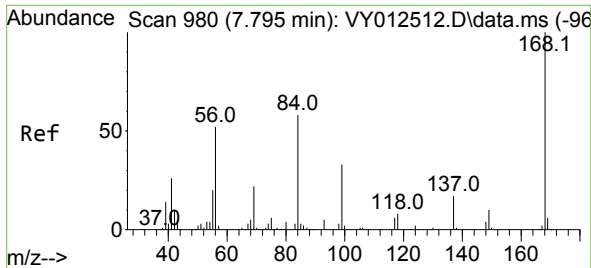
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY012637.D
 Acq On : 16 Feb 2023 17:14
 Operator : KP/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050EC

Quant Time: Feb 16 22:00:00 2023
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 Quant Title : SW846 8260
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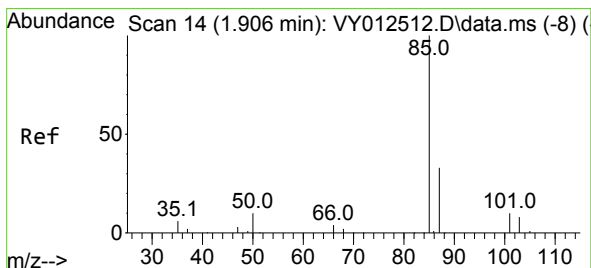
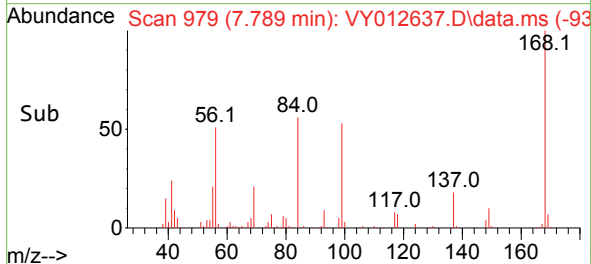
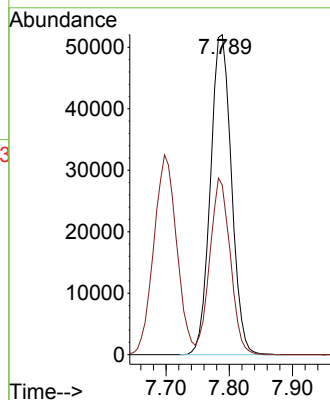
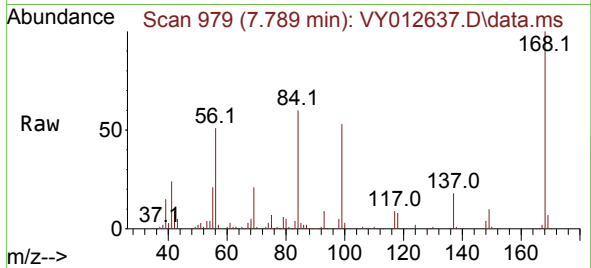




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012637.D
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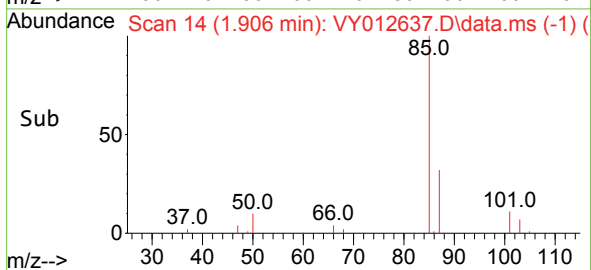
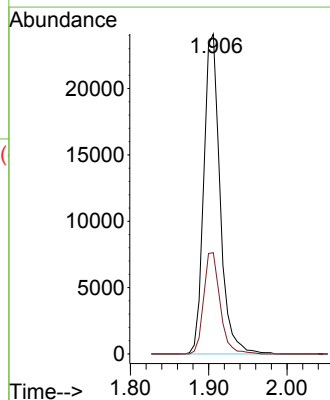
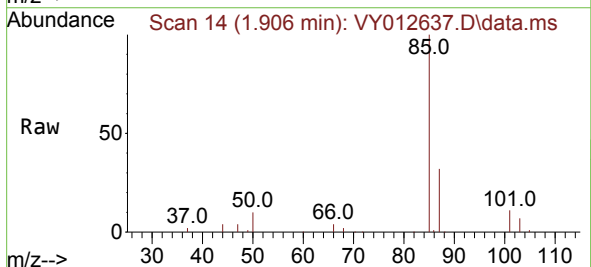
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

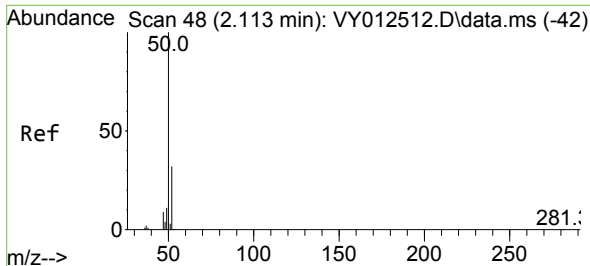
Tgt Ion:168 Resp: 120055
Ion Ratio Lower Upper
168 100
99 52.9 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 40.294 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 85 Resp: 34761
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

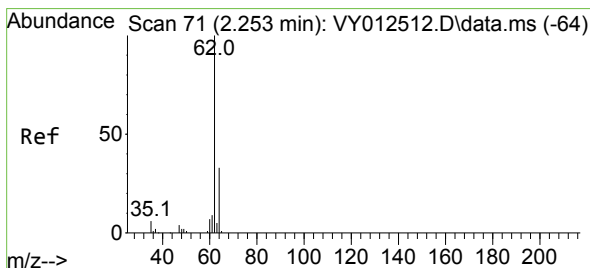
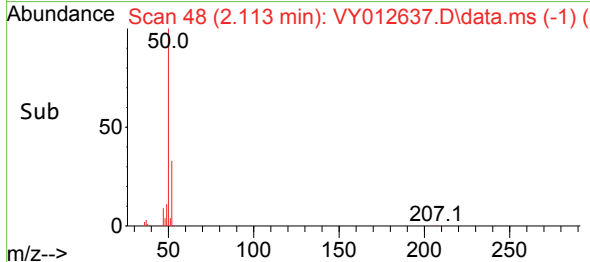
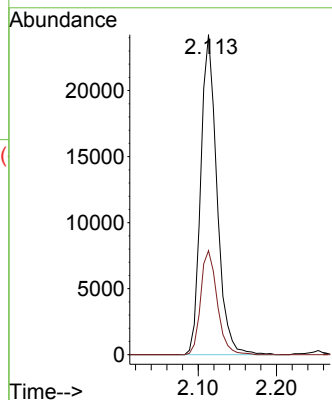
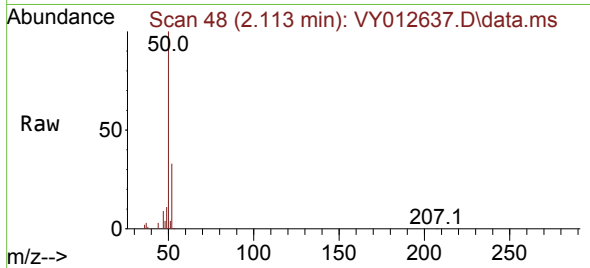




#3
Chloromethane
Concen: 37.273 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

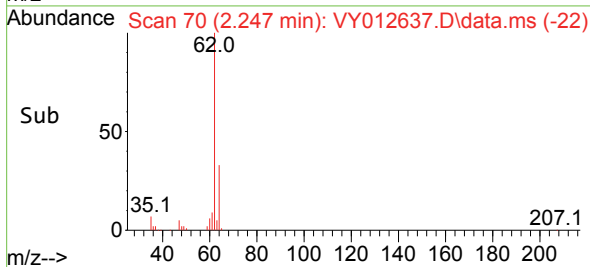
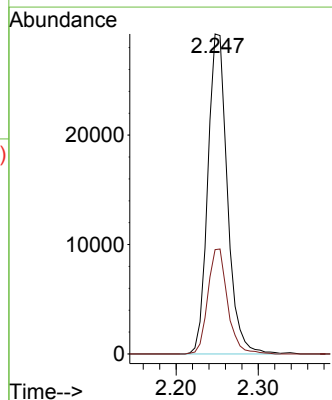
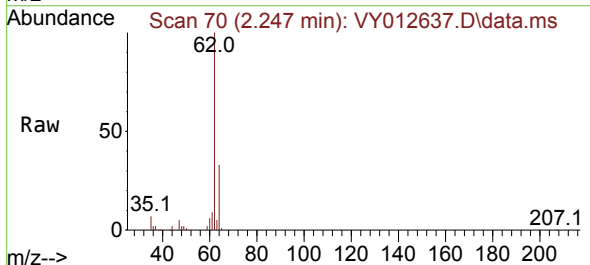
Instrument :
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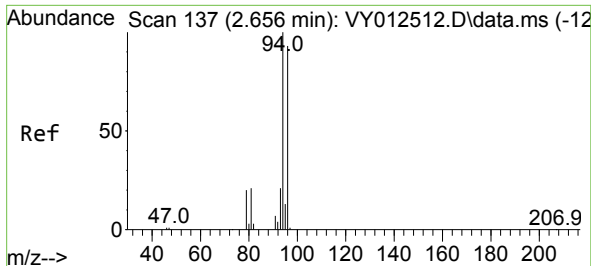
Tgt Ion: 50 Resp: 34865
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6



#4
Vinyl Chloride
Concen: 41.400 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 62 Resp: 48247
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

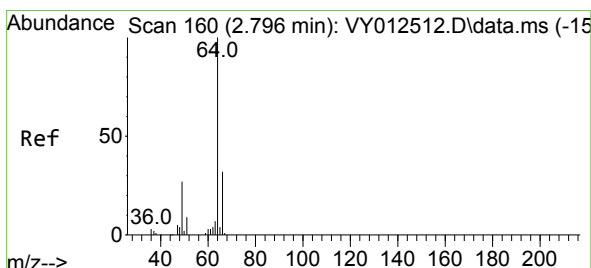
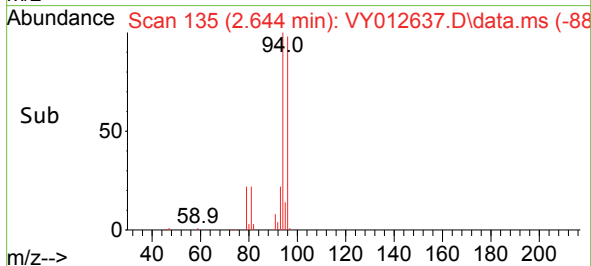
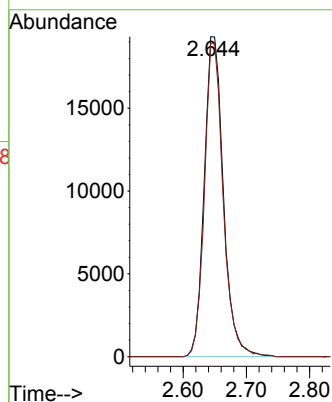
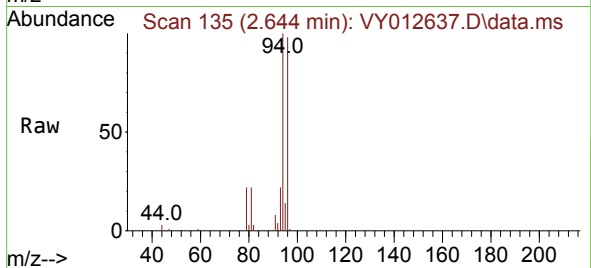




#5
Bromomethane
Concen: 47.741 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

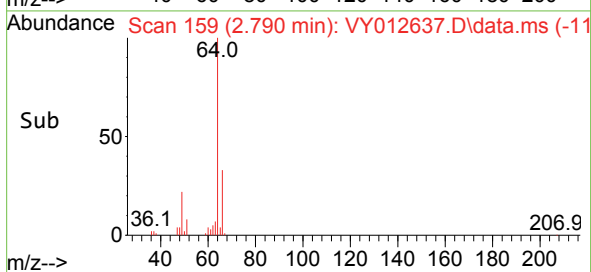
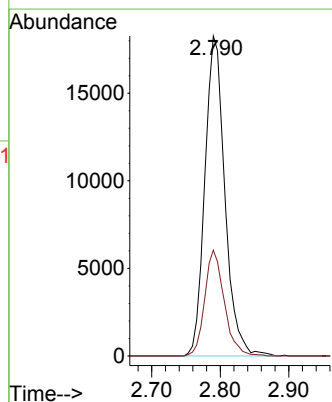
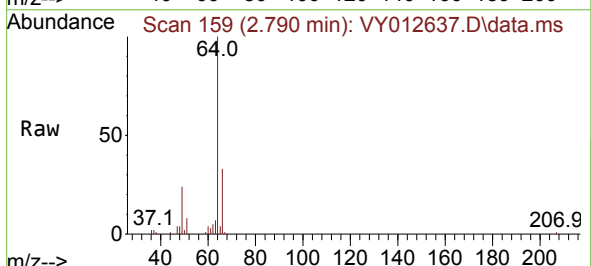
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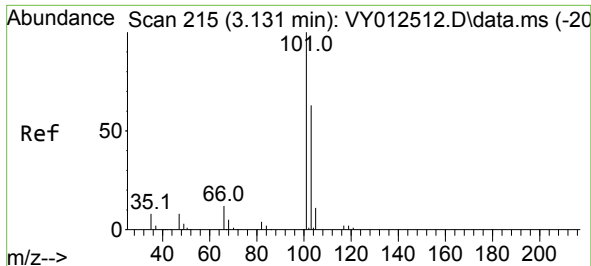
Tgt Ion: 94 Resp: 40725
Ion Ratio Lower Upper
94 100
96 97.9 74.7 112.1



#6
Chloroethane
Concen: 45.765 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 64 Resp: 37123
Ion Ratio Lower Upper
64 100
66 33.1 25.7 38.5

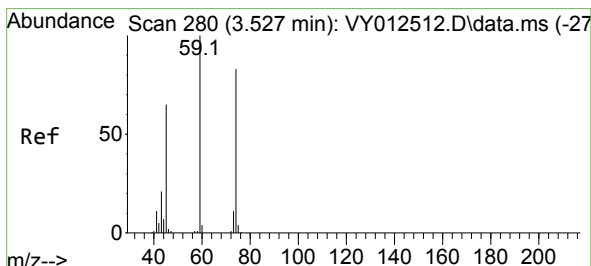
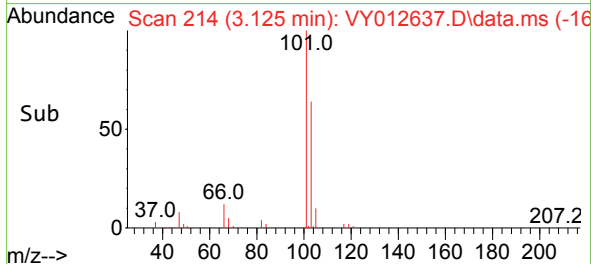
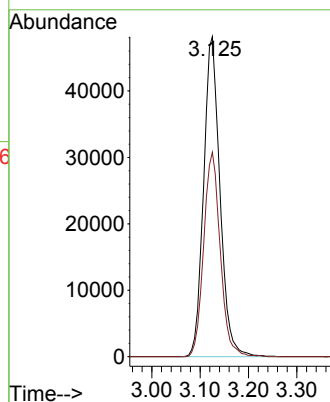
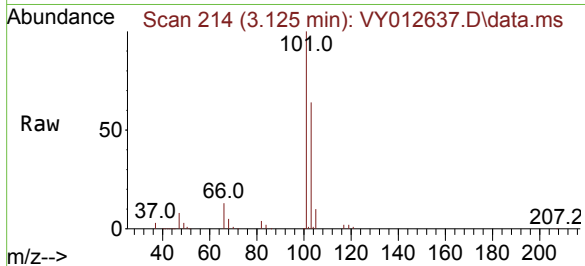




#7
 Trichlorofluoromethane
 Concen: 47.285 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

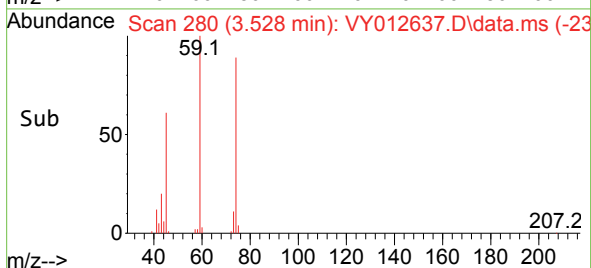
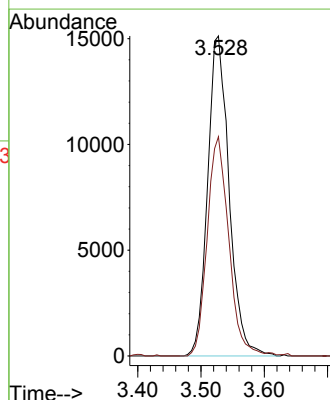
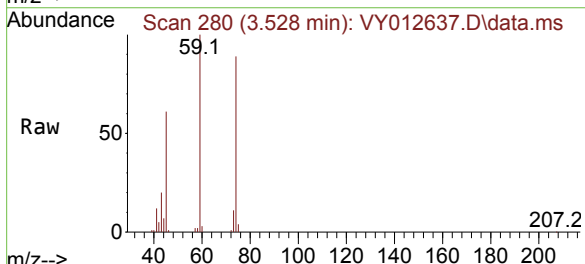
Instrument :
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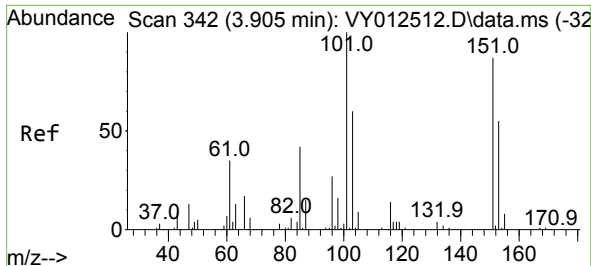
Tgt Ion:101 Resp: 113264
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.386 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

Tgt Ion: 74 Resp: 35788
 Ion Ratio Lower Upper
 74 100
 45 68.8 37.8 113.4

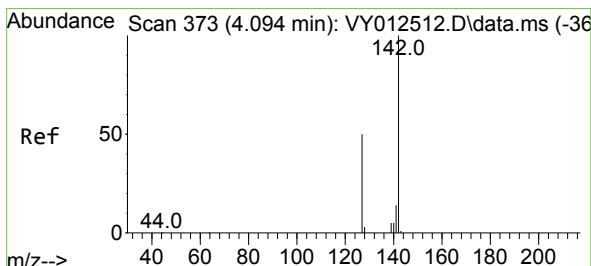
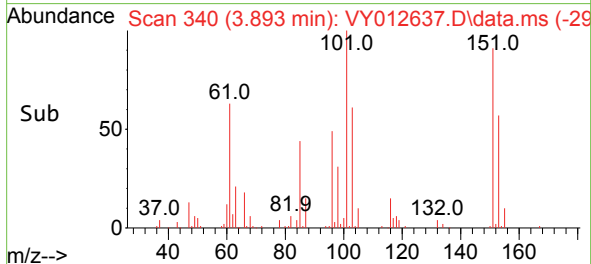
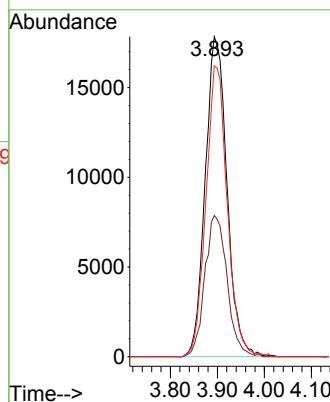
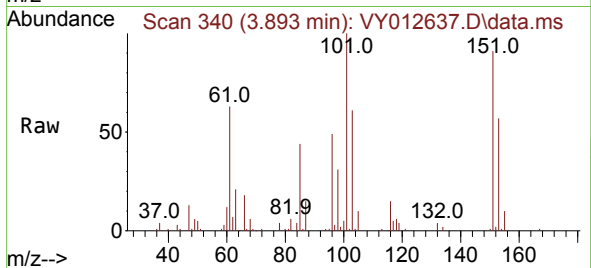




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.377 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

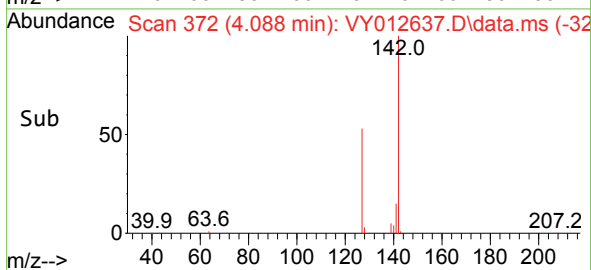
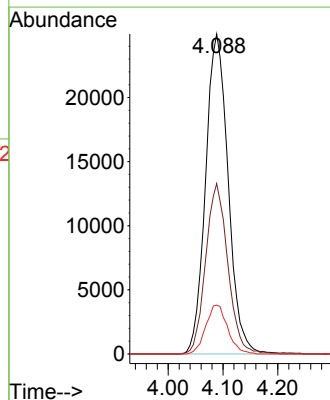
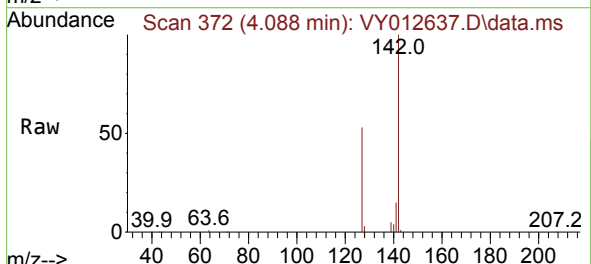
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

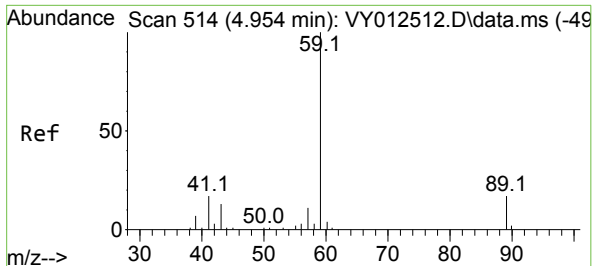
Tgt Ion:101 Resp: 57307
Ion Ratio Lower Upper
101 100
85 45.2 36.1 54.1
151 89.3 70.7 106.1



#10
Methyl Iodide
Concen: 45.493 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion:142 Resp: 71338
Ion Ratio Lower Upper
142 100
127 52.3 39.8 59.6
141 14.8 11.6 17.4

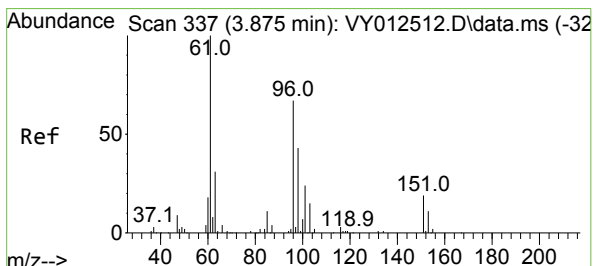
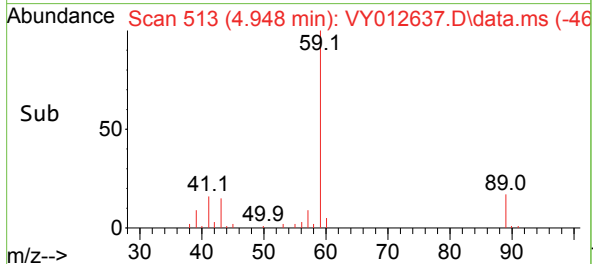
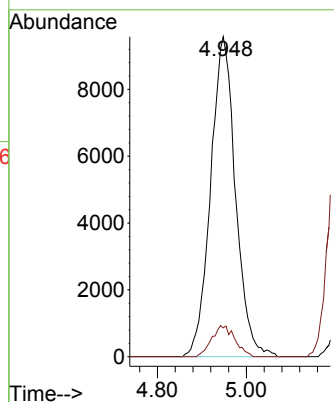
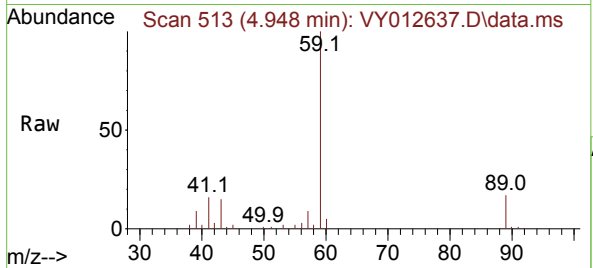




#11
Tert butyl alcohol
Concen: 252.871 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

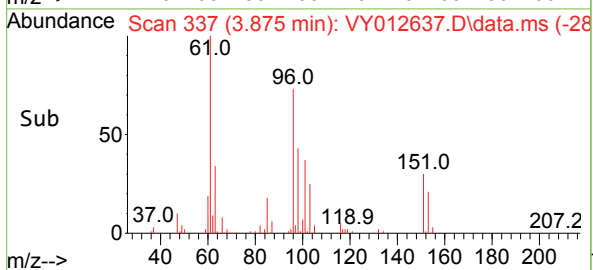
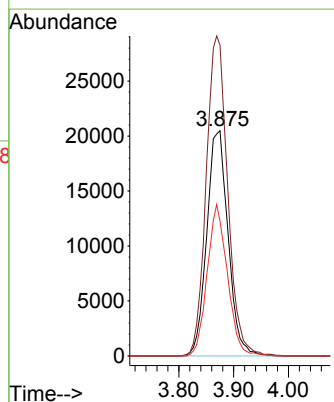
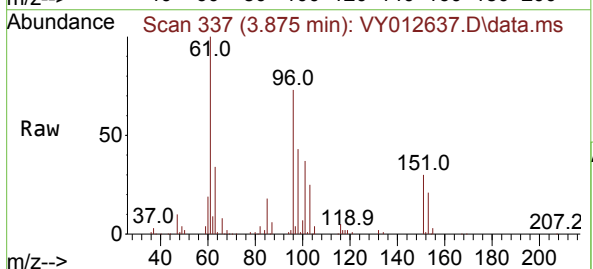
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

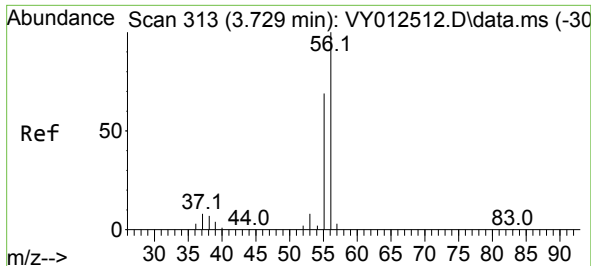
Tgt Ion: 59 Resp: 37258
Ion Ratio Lower Upper
59 100
57 9.0 7.2 10.8



#12
1,1-Dichloroethene
Concen: 46.364 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 96 Resp: 55413
Ion Ratio Lower Upper
96 100
61 137.9 119.4 179.2
98 59.9 51.9 77.9





#13

Acrolein

Concen: 232.593 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

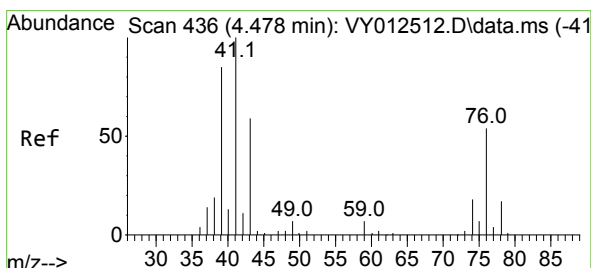
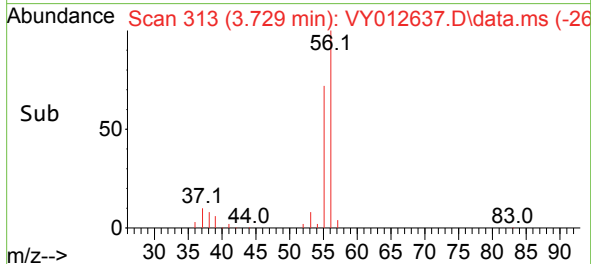
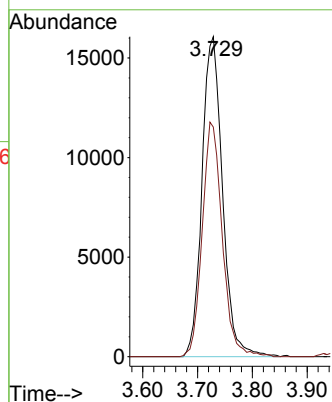
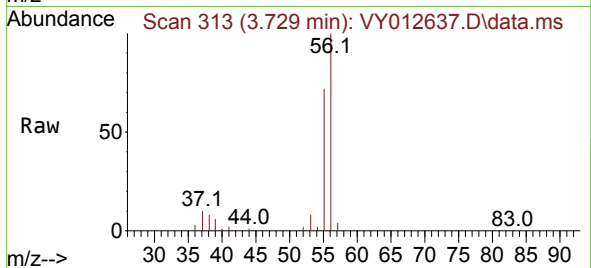
VSTDCCC050EC

Tgt Ion: 56 Resp: 41744

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 44.758 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

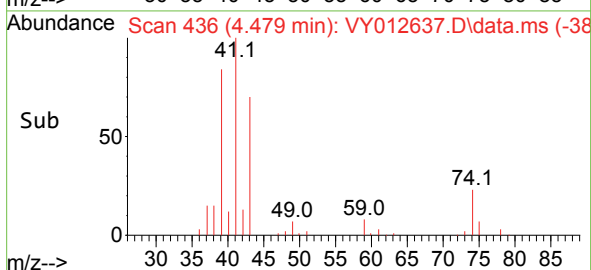
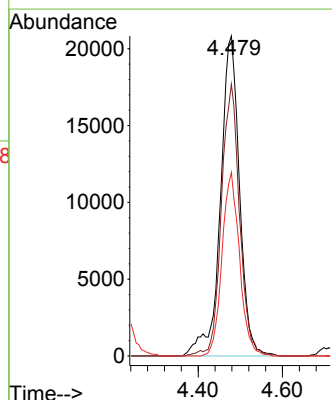
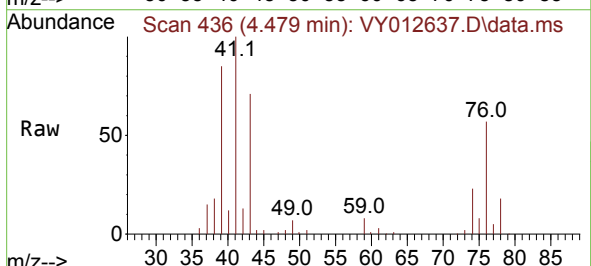
Tgt Ion: 41 Resp: 65223

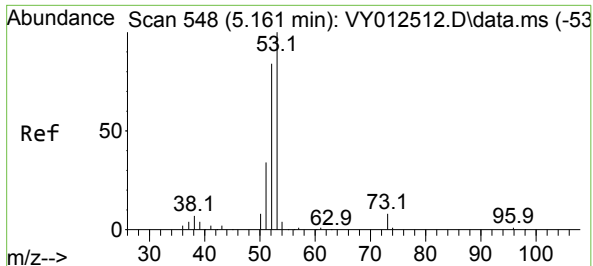
Ion Ratio Lower Upper

41 100

39 80.9 62.6 94.0

76 52.7 39.6 59.4

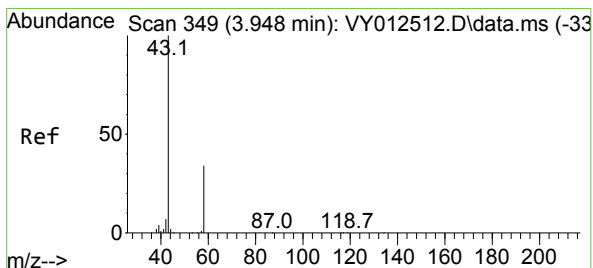
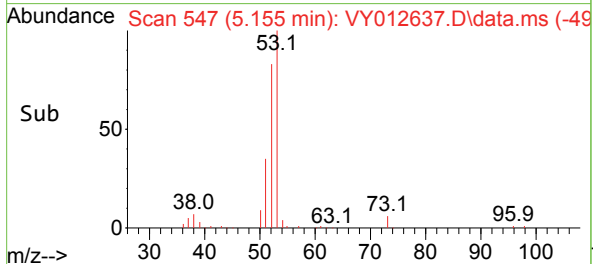
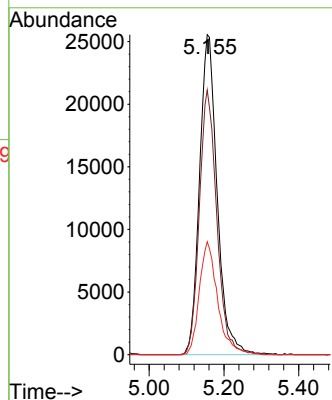
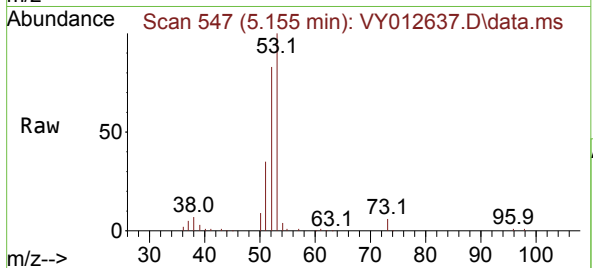




#15
Acrylonitrile
Concen: 255.727 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

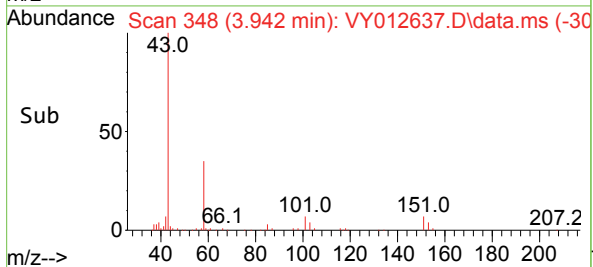
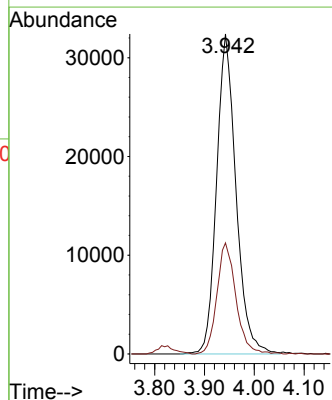
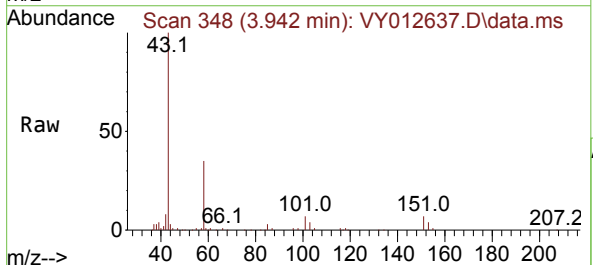
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

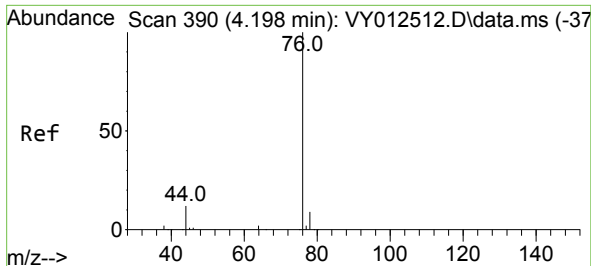
Tgt Ion: 53 Resp: 83799
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 36.7 28.7 43.1



#16
Acetone
Concen: 238.175 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 43 Resp: 87515
Ion Ratio Lower Upper
43 100
58 34.5 27.1 40.7

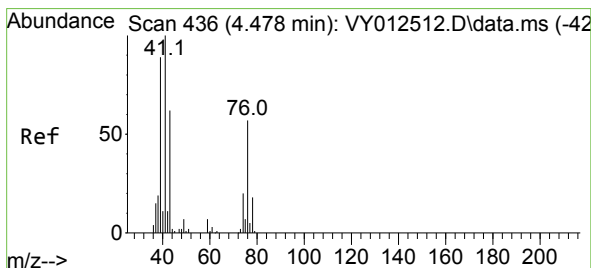
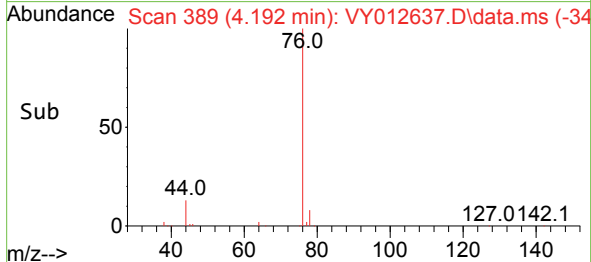
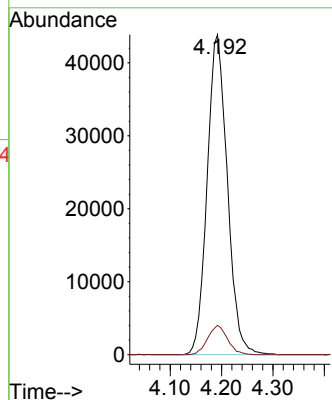
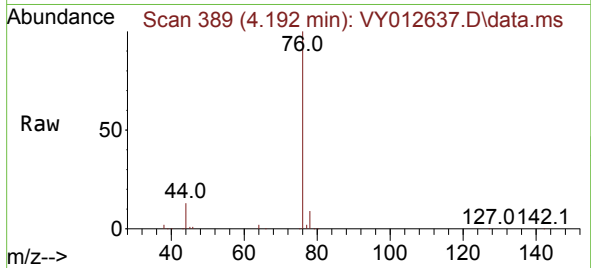




#17
Carbon Disulfide
Concen: 38.579 ug/l
RT: 4.192 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

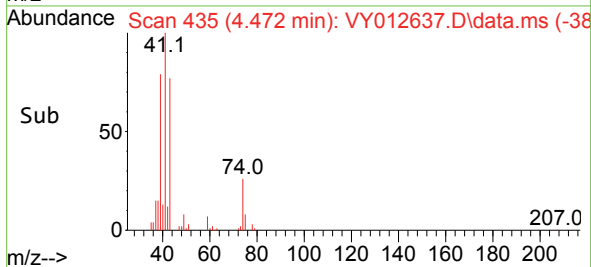
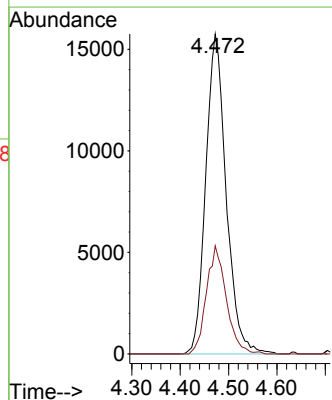
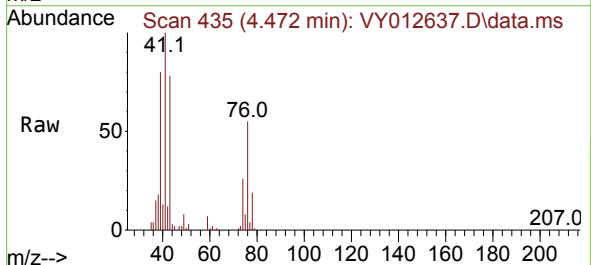
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

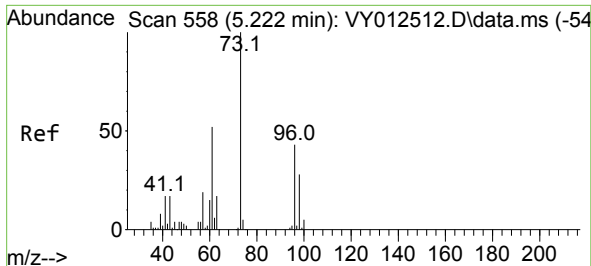
Tgt Ion: 76 Resp: 119596
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 52.299 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 43 Resp: 46189
Ion Ratio Lower Upper
43 100
74 32.9 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 53.099 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

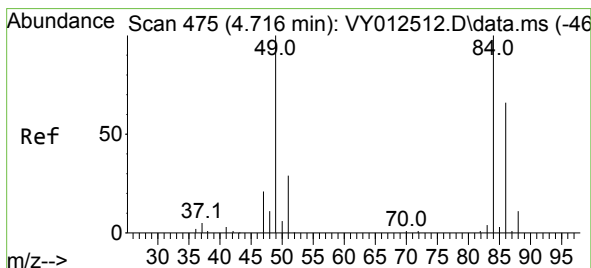
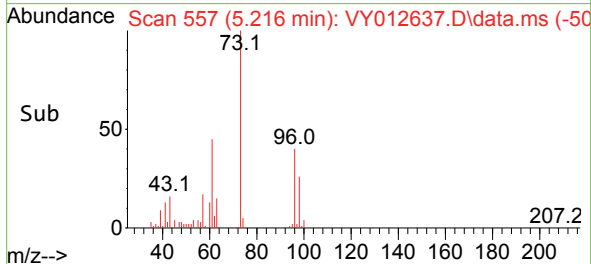
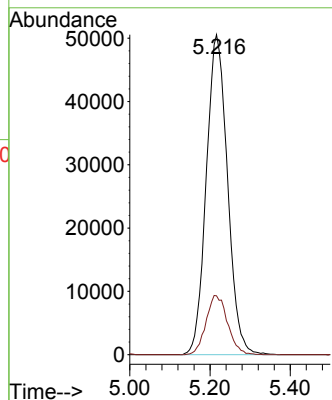
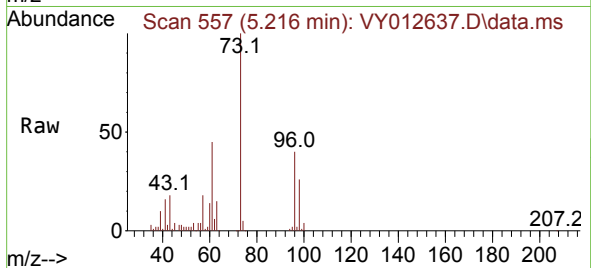
VSTDCCC050EC

Tgt Ion: 73 Resp: 185703

Ion Ratio Lower Upper

73 100

57 18.4 15.3 22.9



#20

Methylene Chloride

Concen: 56.540 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Tgt Ion: 84 Resp: 76854

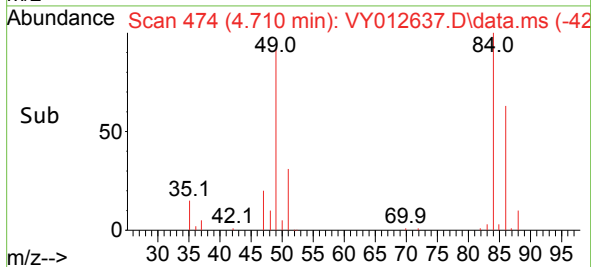
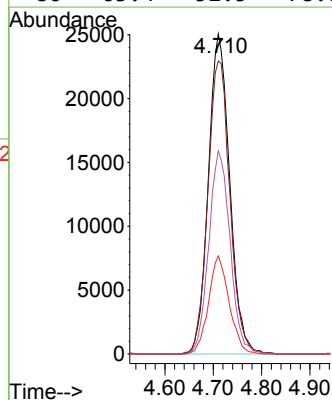
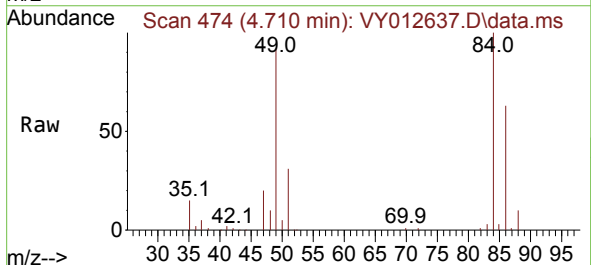
Ion Ratio Lower Upper

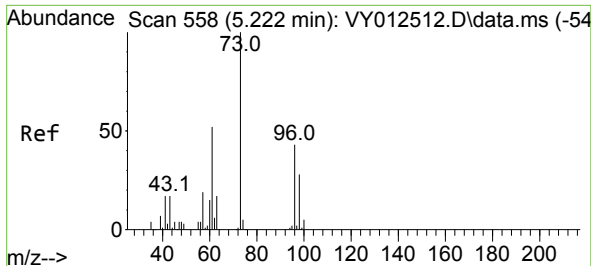
84 100

49 91.6 79.8 119.6

51 30.6 23.4 35.2

86 63.4 52.5 78.7

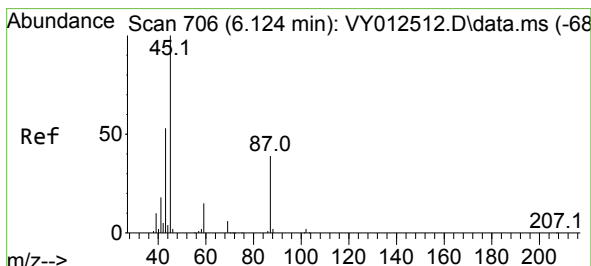
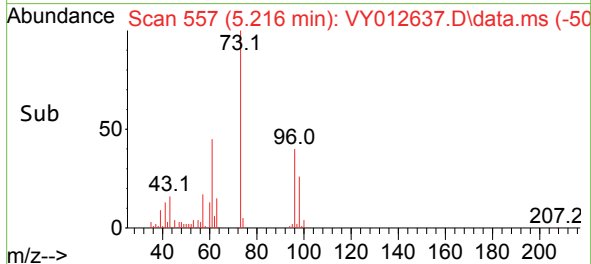
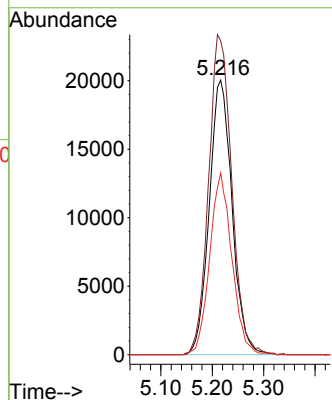
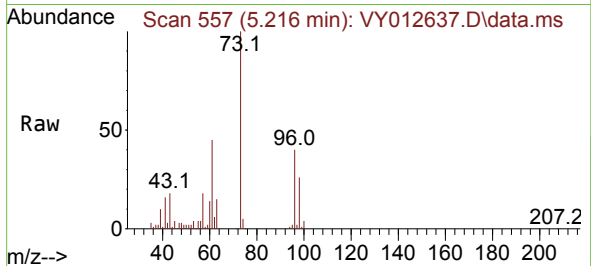




#21
trans-1,2-Dichloroethene
Concen: 47.478 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

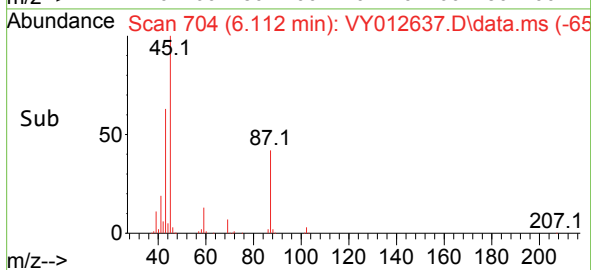
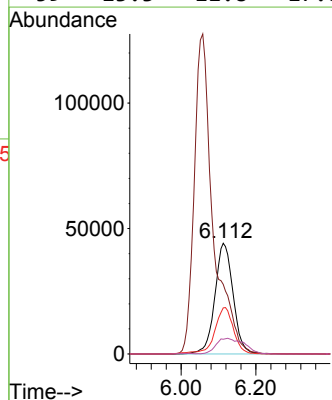
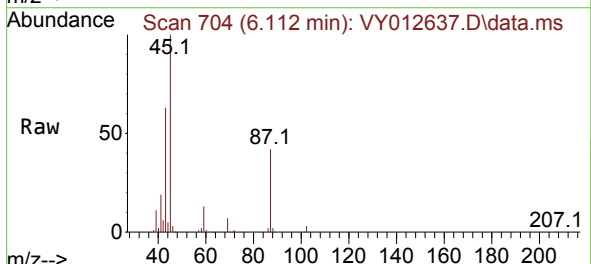
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

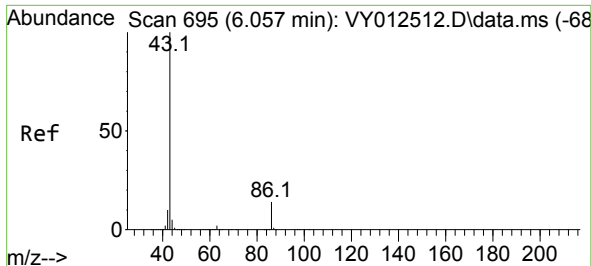
Tgt Ion: 96 Resp: 61886
Ion Ratio Lower Upper
96 100
61 114.3 96.2 144.4
98 66.2 51.6 77.4



#22
Diisopropyl ether
Concen: 50.447 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 45 Resp: 149477
Ion Ratio Lower Upper
45 100
43 62.5 45.9 68.9
87 41.6 32.2 48.4
59 13.3 11.8 17.8

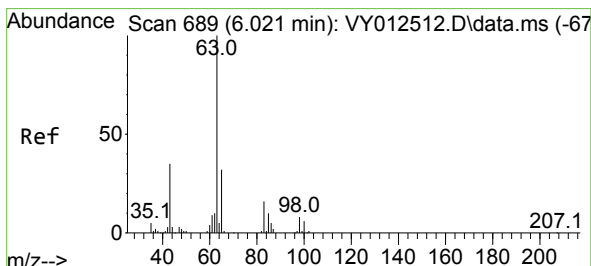
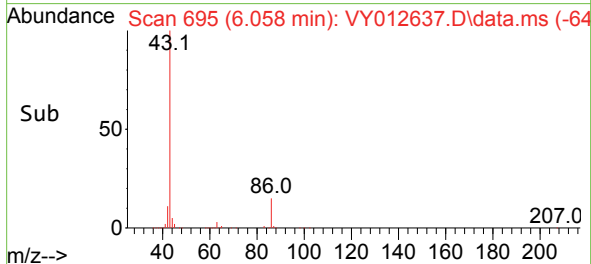
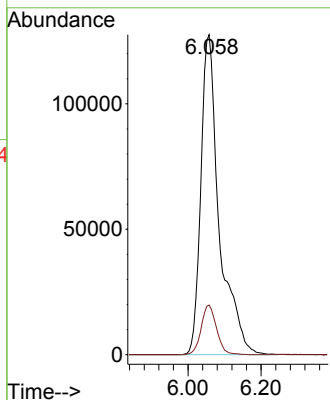
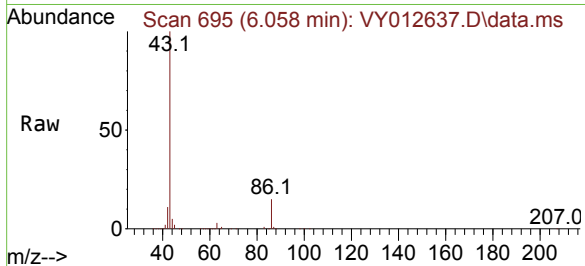




#23
 Vinyl Acetate
 Concen: 249.984 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

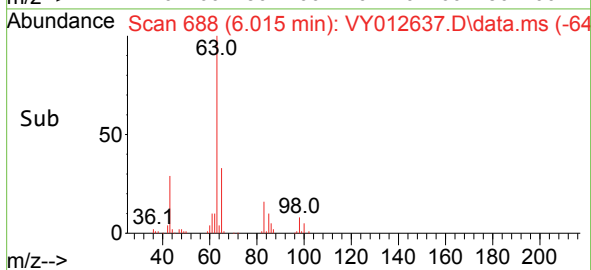
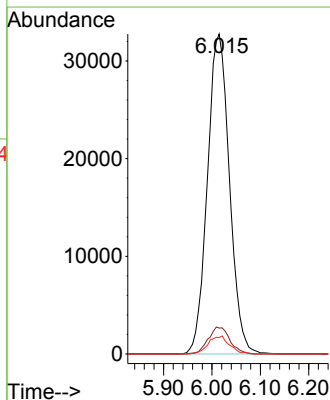
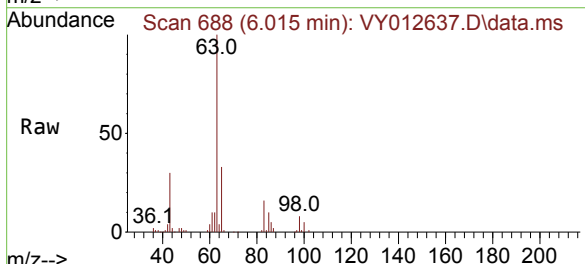
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

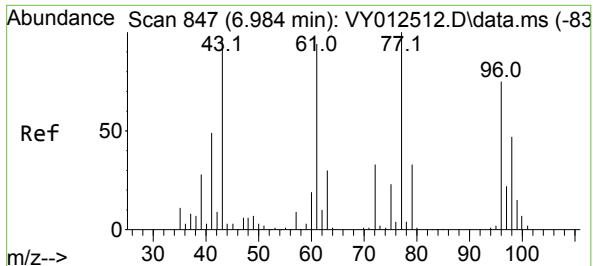
Tgt Ion: 43 Resp: 446540
 Ion Ratio Lower Upper
 43 100
 86 15.5 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 48.994 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

Tgt Ion: 63 Resp: 103781
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.1 12.3
 100 5.1 2.9 8.8





#25

2-Butanone

Concen: 242.743 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

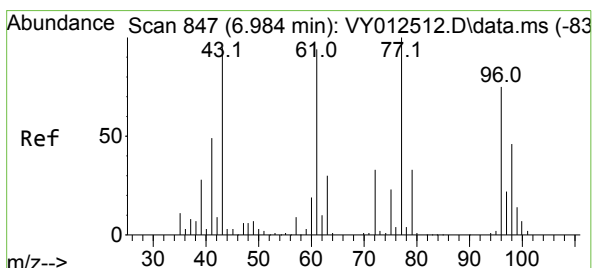
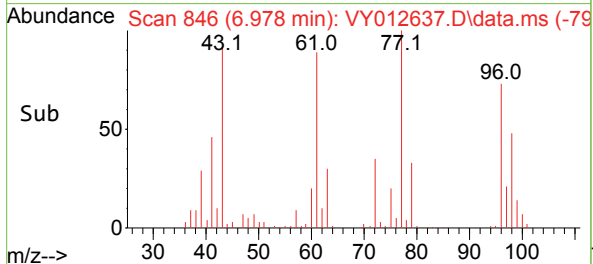
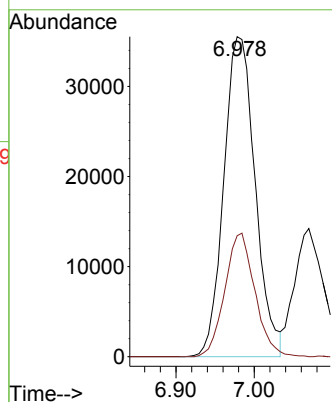
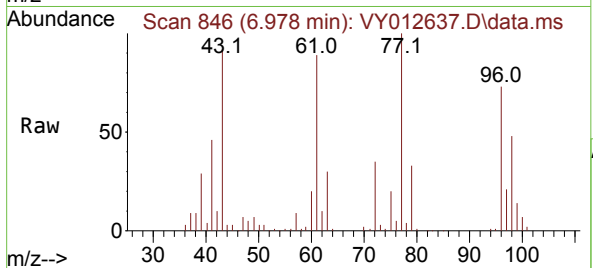
VSTDCCC050EC

Tgt Ion: 43 Resp: 98961

Ion Ratio Lower Upper

43 100

72 37.8 27.4 41.2



#26

2,2-Dichloropropane

Concen: 49.667 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012637.D

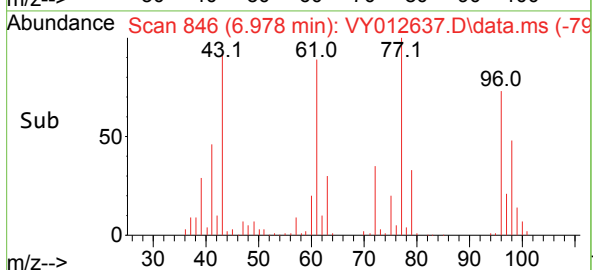
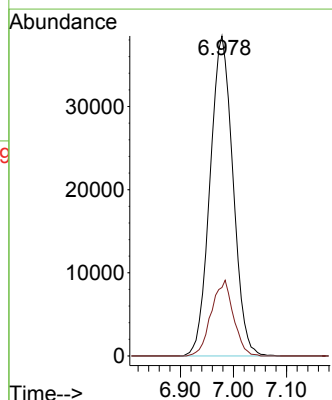
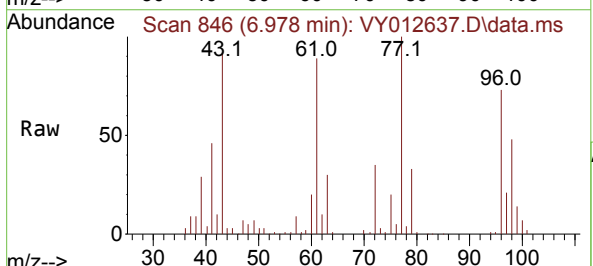
Acq: 16 Feb 2023 17:14

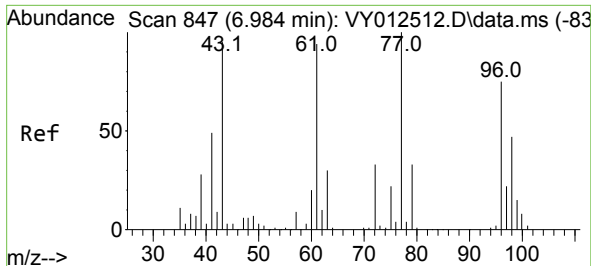
Tgt Ion: 77 Resp: 115589

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.723 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

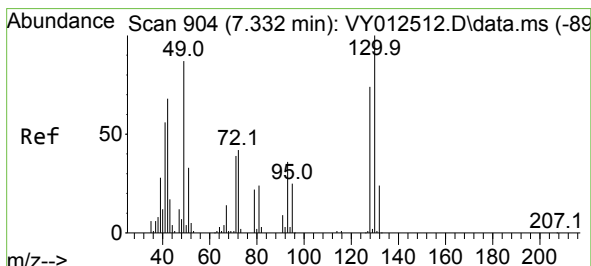
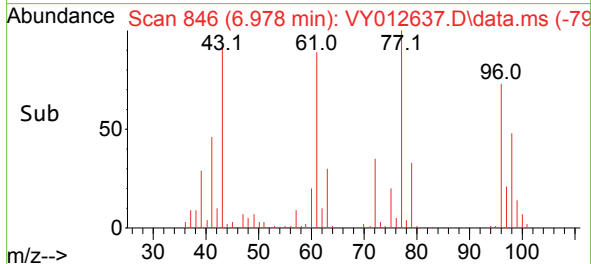
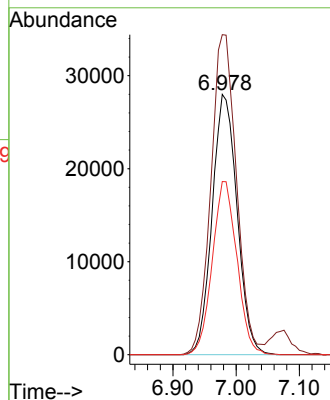
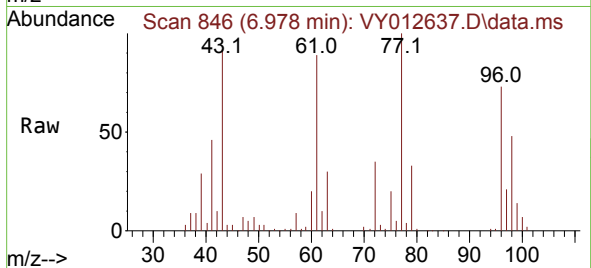
Tgt Ion: 96 Resp: 76725

Ion Ratio Lower Upper

96 100

61 126.5 0.0 259.2

98 65.7 0.0 129.0



#28

Bromochloromethane

Concen: 53.472 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

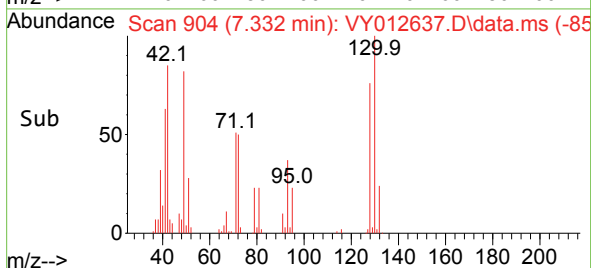
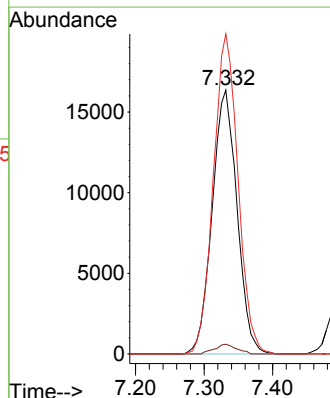
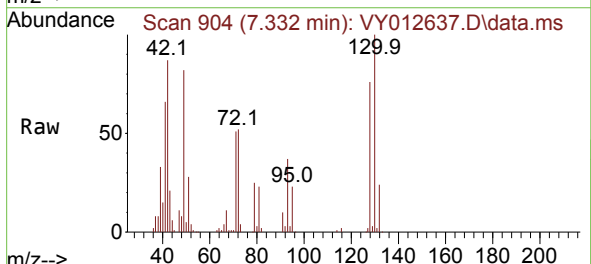
Tgt Ion: 49 Resp: 41172

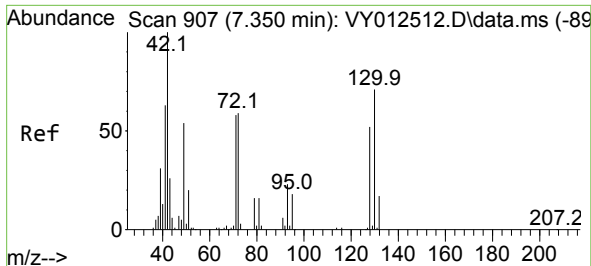
Ion Ratio Lower Upper

49 100

129 3.3 0.0 6.0

130 120.2 93.1 139.7





#29

Tetrahydrofuran

Concen: 259.630 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

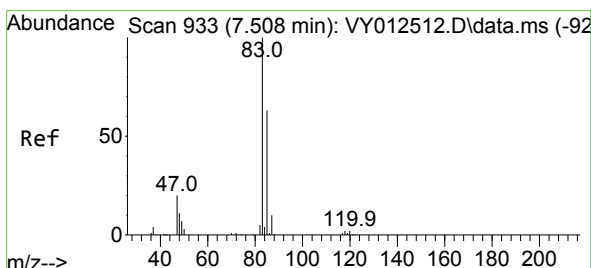
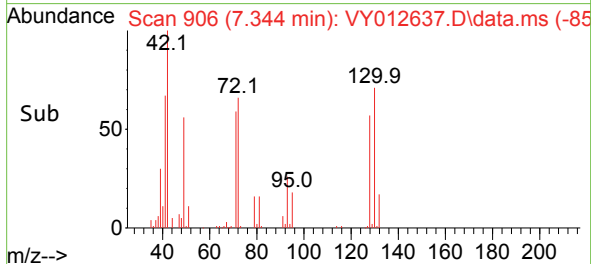
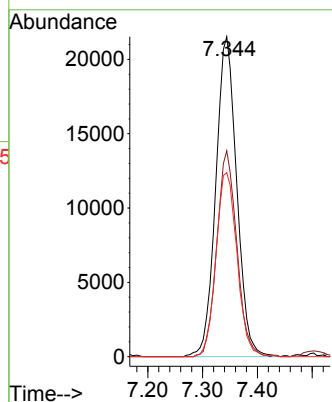
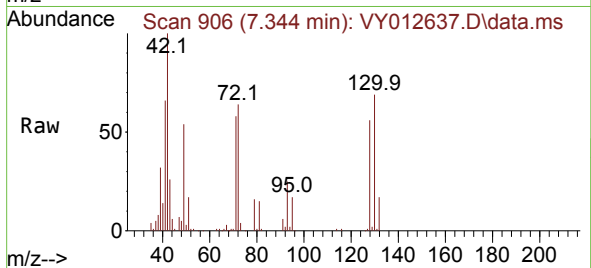
Tgt Ion: 42 Resp: 57222

Ion Ratio Lower Upper

42 100

72 61.4 47.0 70.6

71 57.8 44.6 66.8



#30

Chloroform

Concen: 51.383 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012637.D

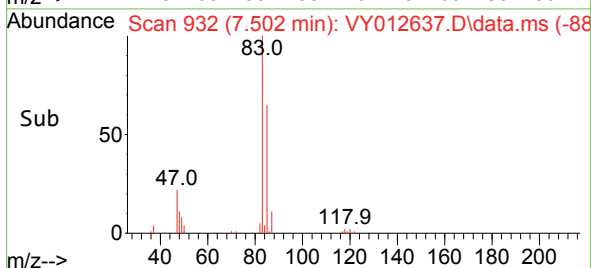
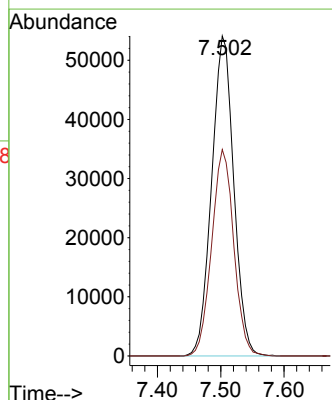
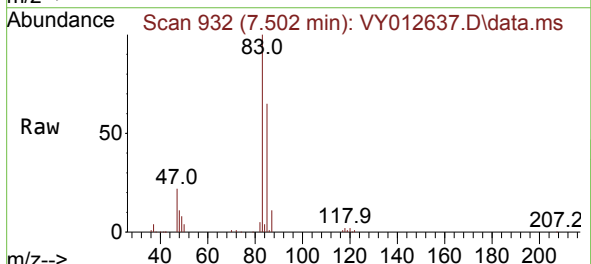
Acq: 16 Feb 2023 17:14

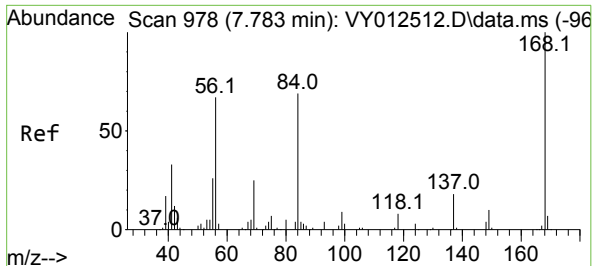
Tgt Ion: 83 Resp: 131226

Ion Ratio Lower Upper

83 100

85 64.5 50.8 76.2

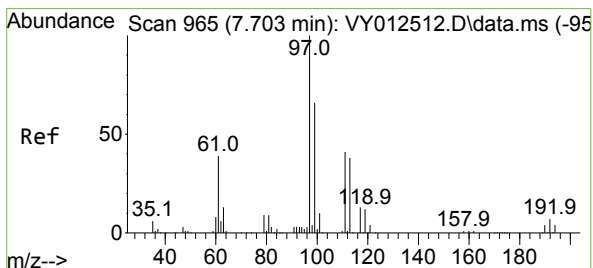
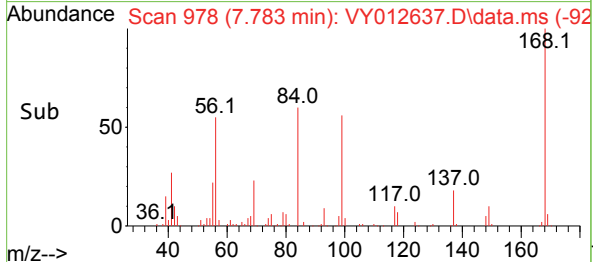
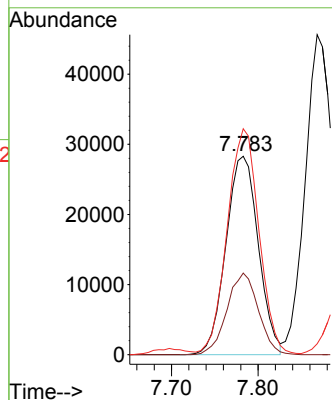
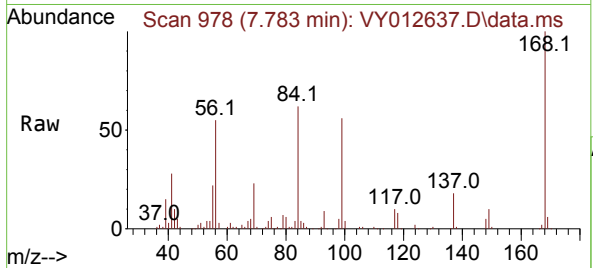




#31
Cyclohexane
Concen: 41.738 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

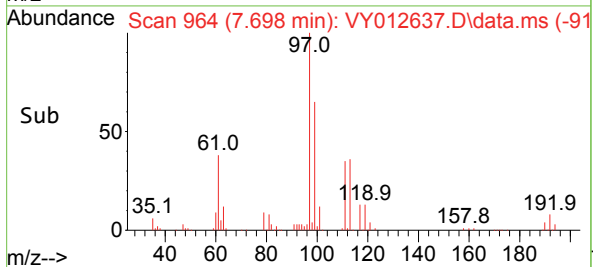
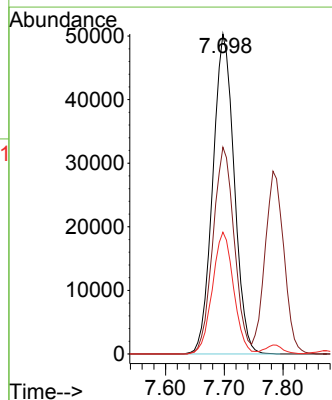
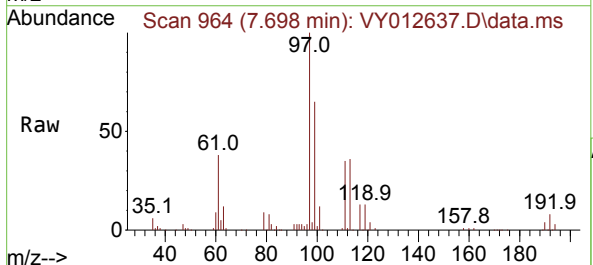
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

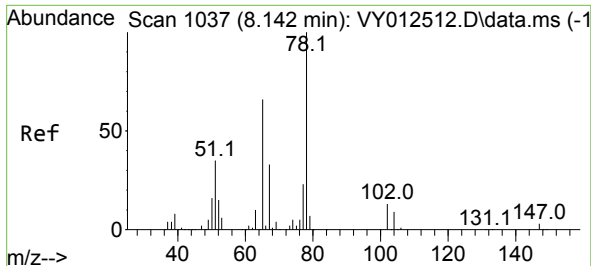
Tgt Ion: 56 Resp: 73671
Ion Ratio Lower Upper
56 100
69 41.2 29.5 44.3
84 111.3 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 51.403 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 97 Resp: 127390
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 37.8 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 52.801 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

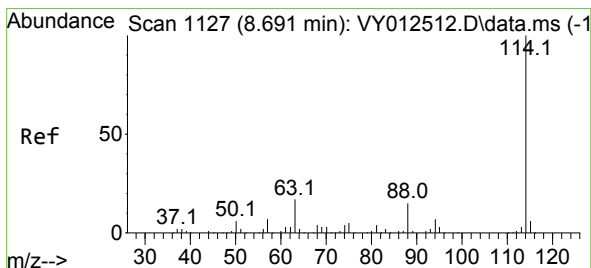
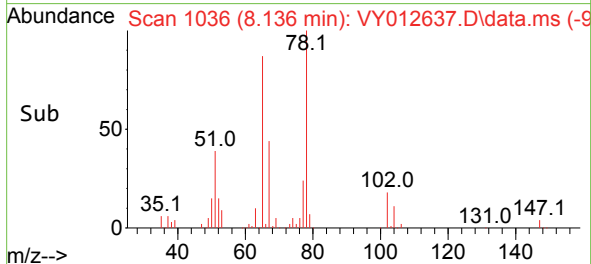
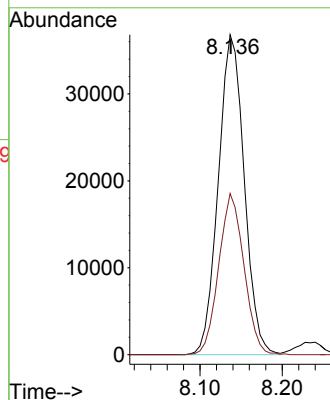
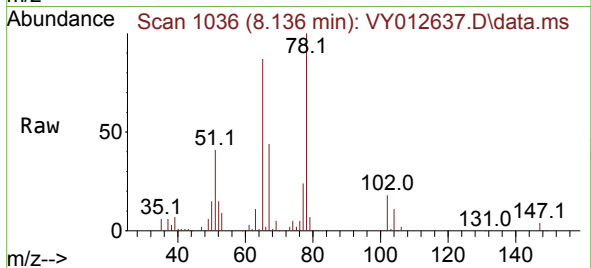
VSTDCCC050EC

Tgt Ion: 65 Resp: 80609

Ion Ratio Lower Upper

65 100

67 49.0 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

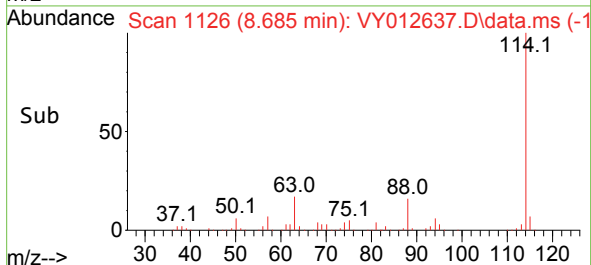
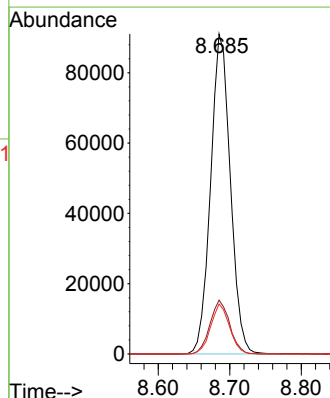
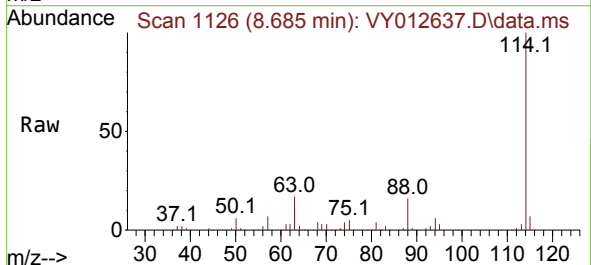
Tgt Ion: 114 Resp: 174450

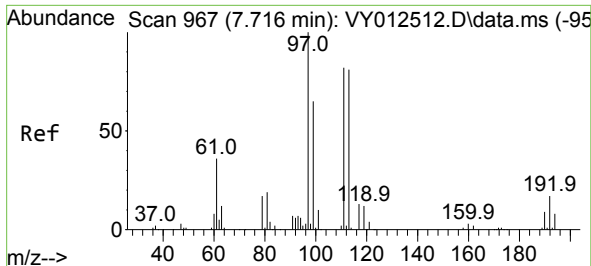
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

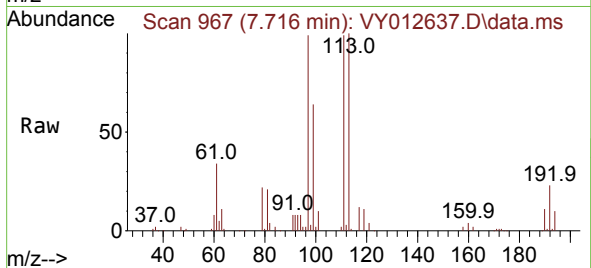
88 15.6 0.0 29.8



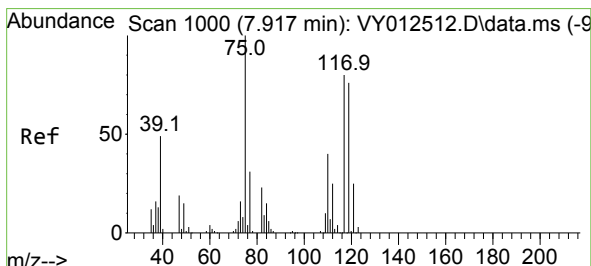
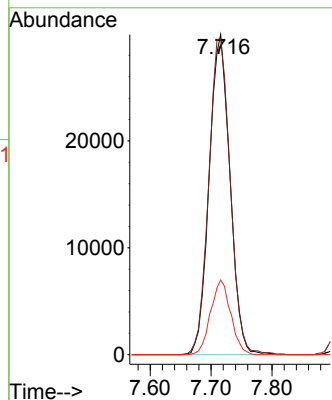
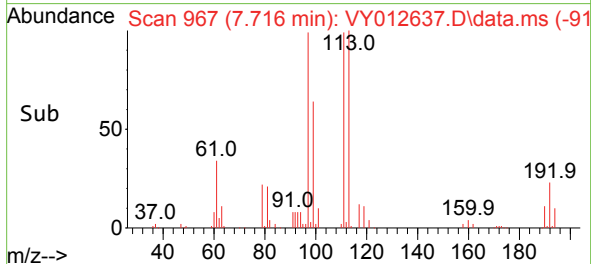


#35
Dibromofluoromethane
Concen: 55.881 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

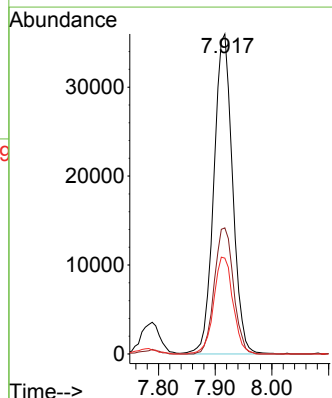
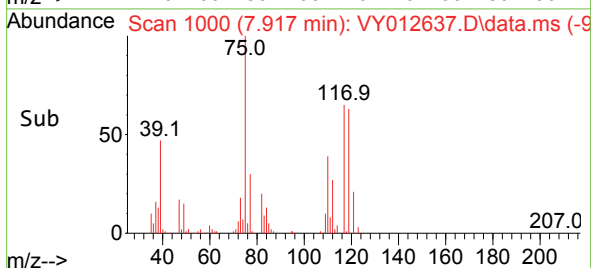
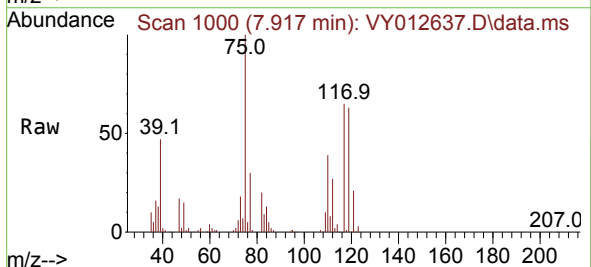


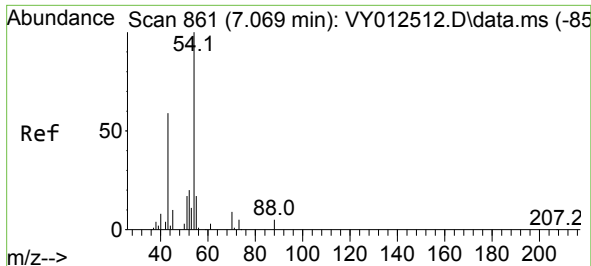
Tgt Ion:113 Resp: 70994
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 22.5 17.5 26.3



#36
1,1-Dichloropropene
Concen: 47.938 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 75 Resp: 82427
Ion Ratio Lower Upper
75 100
110 40.3 19.5 58.5
77 31.2 24.9 37.3





#37

Ethyl Acetate

Concen: 48.799 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

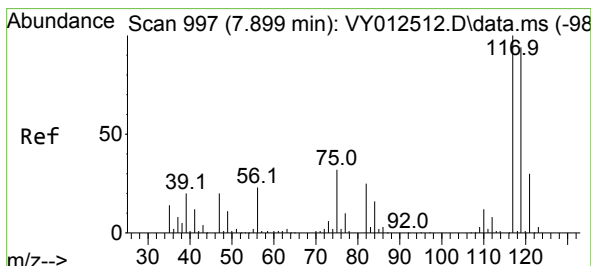
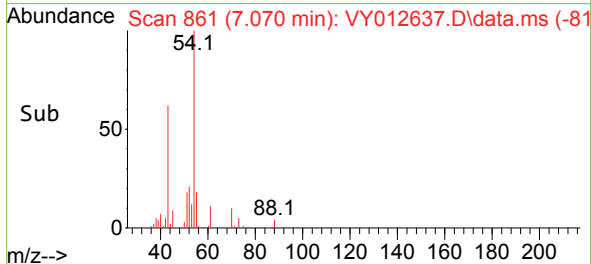
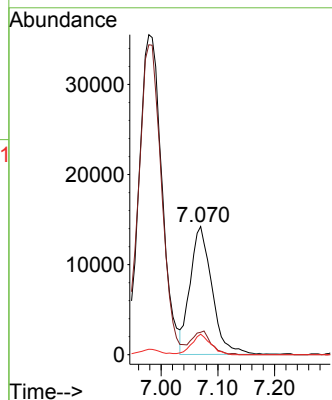
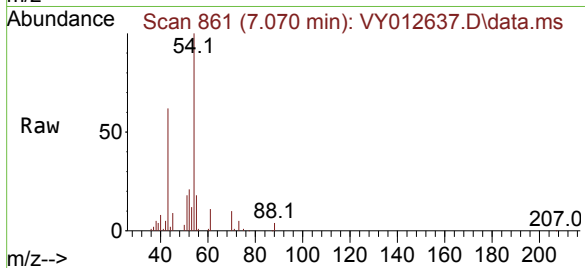
Tgt Ion: 43 Resp: 37861

Ion Ratio Lower Upper

43 100

61 15.8 12.5 18.7

70 14.1 11.0 16.4



#38

Carbon Tetrachloride

Concen: 51.462 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

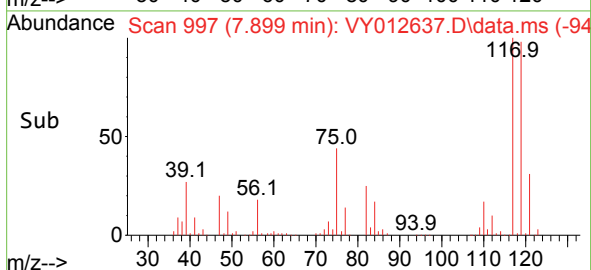
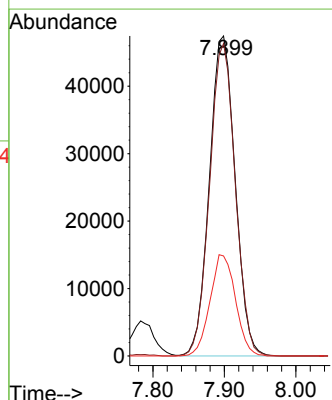
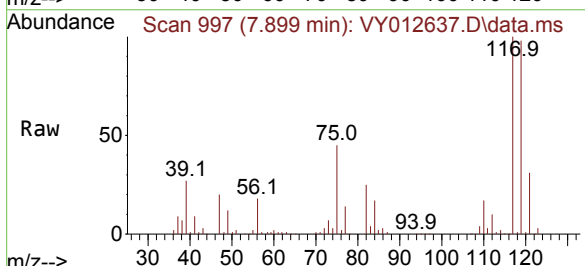
Tgt Ion: 117 Resp: 118780

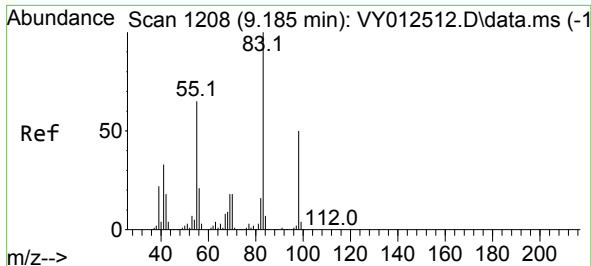
Ion Ratio Lower Upper

117 100

119 97.7 75.1 112.7

121 31.3 24.3 36.5

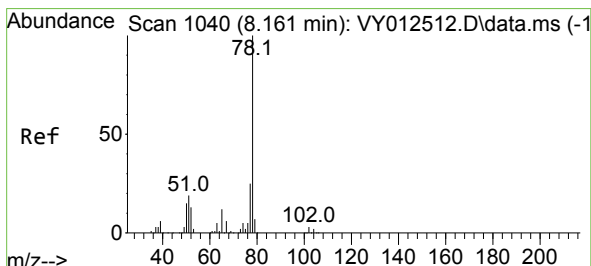
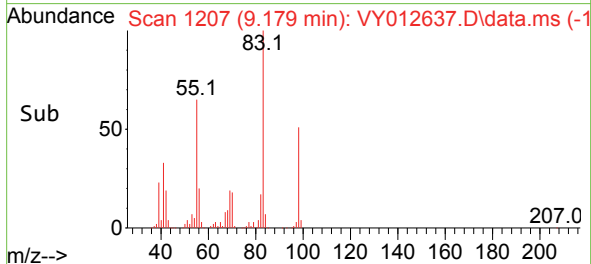
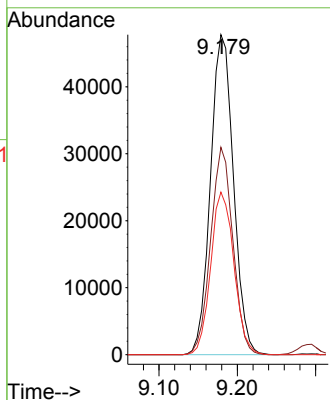
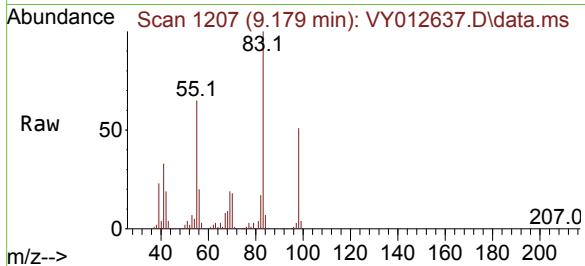




#39
Methylcyclohexane
Concen: 47.082 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

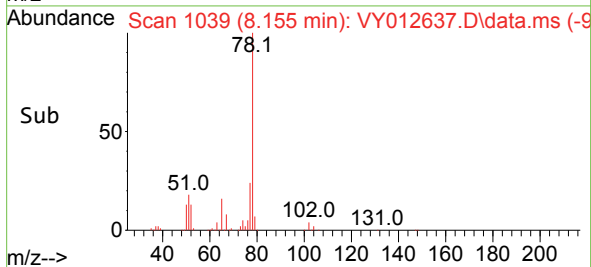
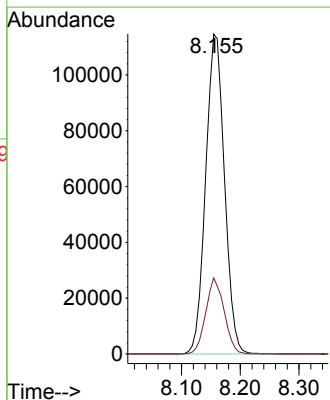
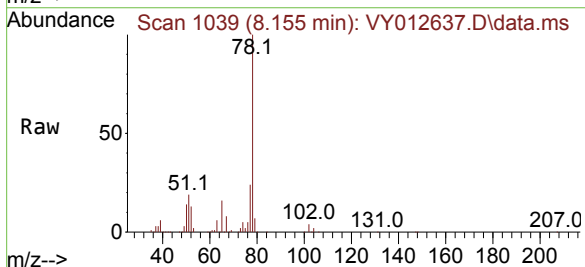
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

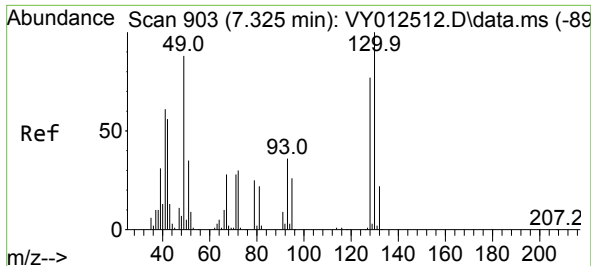
Tgt Ion: 83 Resp: 97412
Ion Ratio Lower Upper
83 100
55 64.8 52.0 78.0
98 50.8 40.4 60.6



#40
Benzene
Concen: 50.230 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 78 Resp: 255093
Ion Ratio Lower Upper
78 100
77 23.7 19.9 29.9

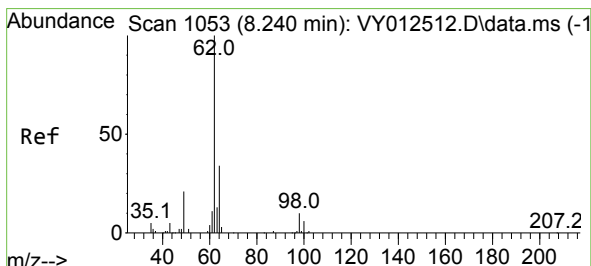
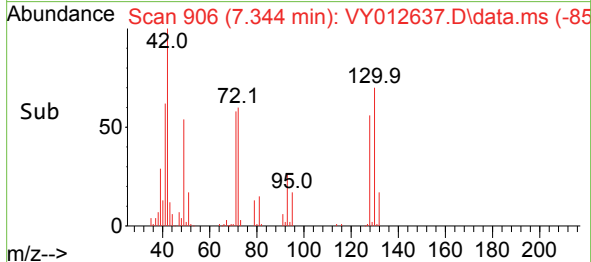
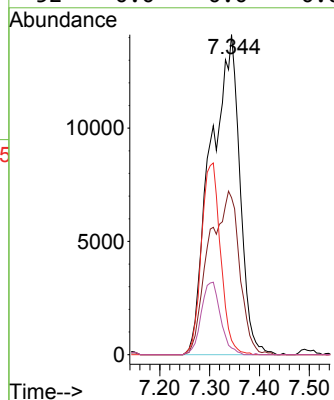
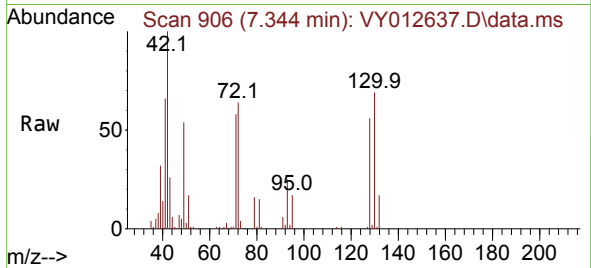




#41
Methacrylonitrile
Concen: 134.882 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

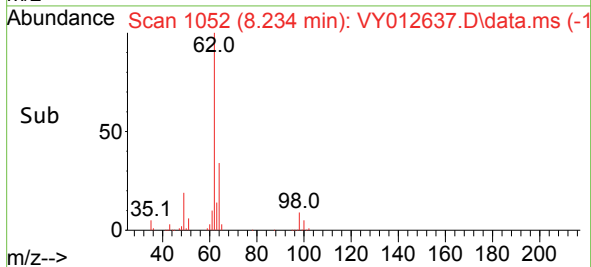
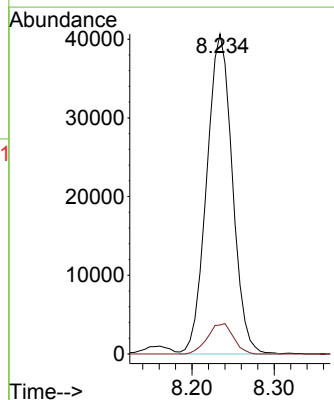
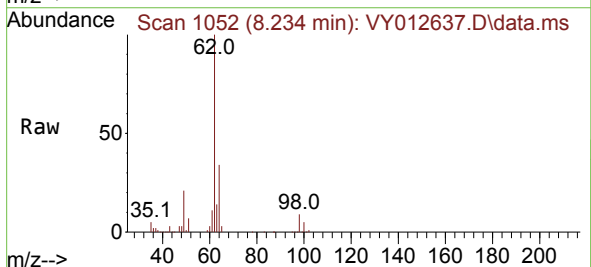
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

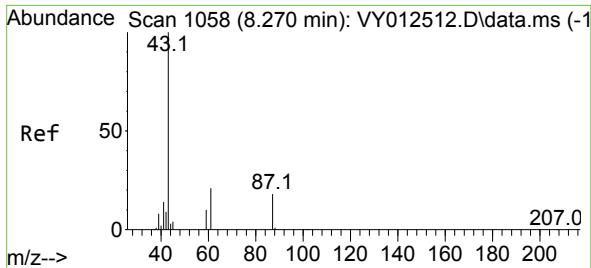
Tgt Ion: 41 Resp: 57333
Ion Ratio Lower Upper
41 100
39 53.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.520 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 62 Resp: 88096
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2

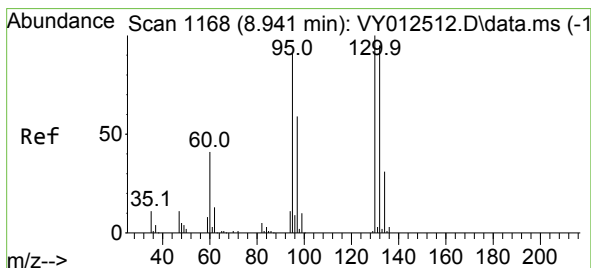
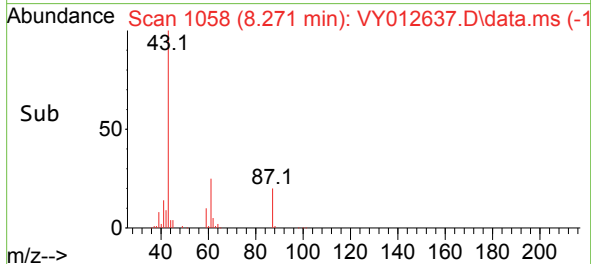
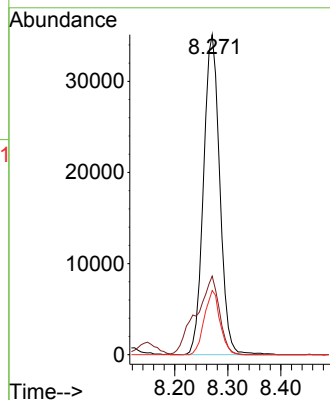
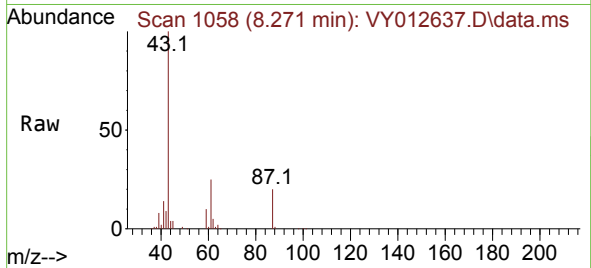




#43
Isopropyl Acetate
Concen: 51.829 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

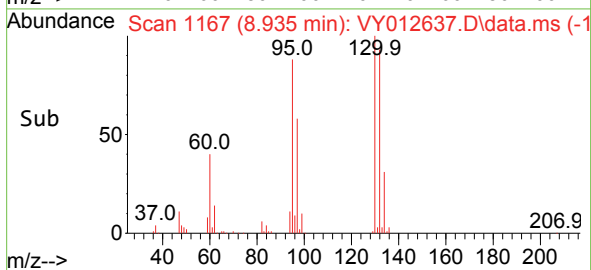
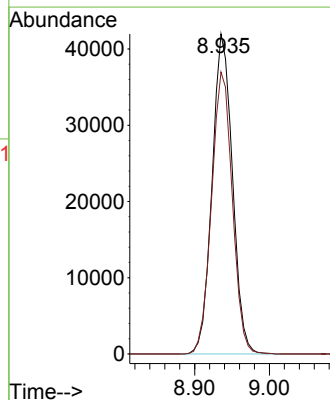
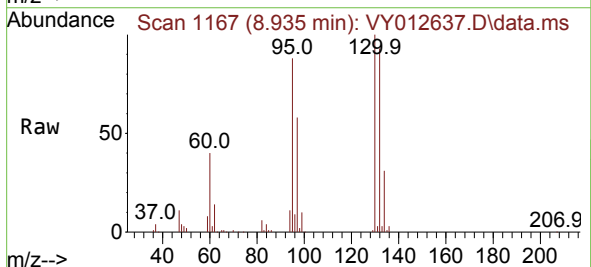
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

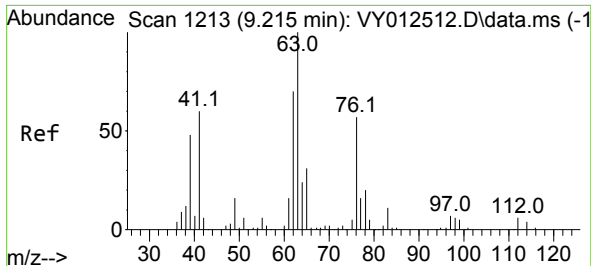
Tgt Ion:	43	Resp:	74557
Ion	Ratio	Lower	Upper
43	100		
61	34.9	27.2	40.8
87	19.3	15.0	22.4



#44
Trichloroethene
Concen: 51.406 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion:	130	Resp:	79471
Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	181.2

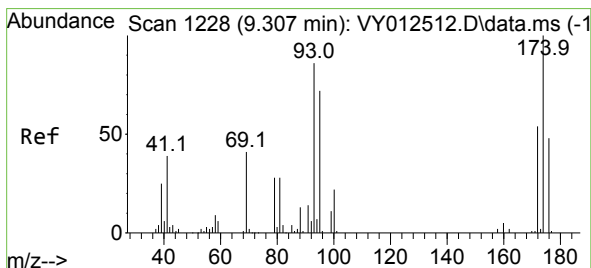
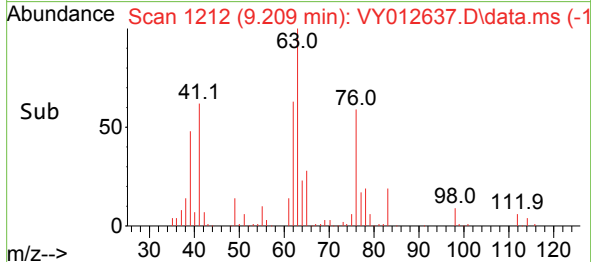
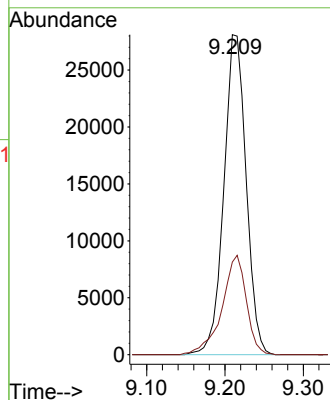
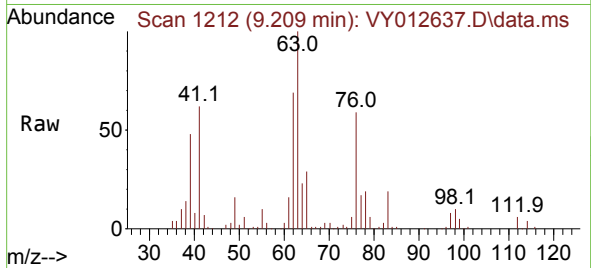




#45
1,2-Dichloropropane
Concen: 50.505 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

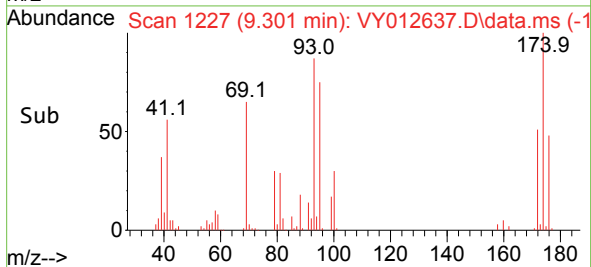
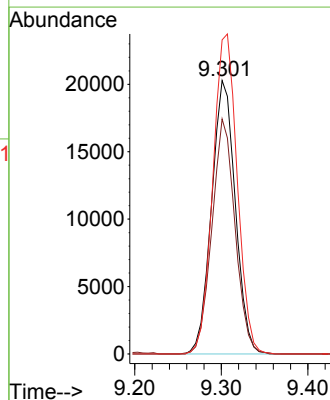
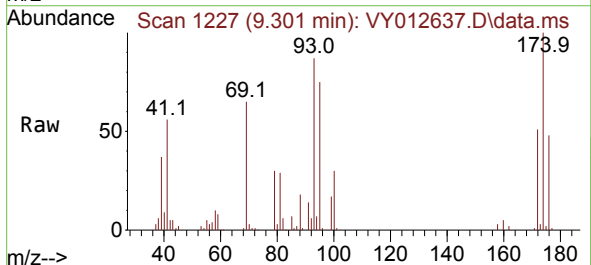
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

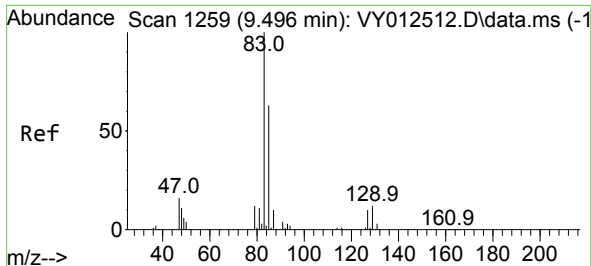
Tgt Ion: 63 Resp: 55616
Ion Ratio Lower Upper
63 100
65 28.9 24.6 37.0



#46
Dibromomethane
Concen: 52.991 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 93 Resp: 38638
Ion Ratio Lower Upper
93 100
95 83.5 65.8 98.8
174 119.6 93.4 140.2

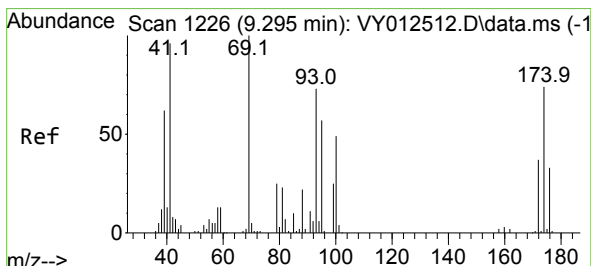
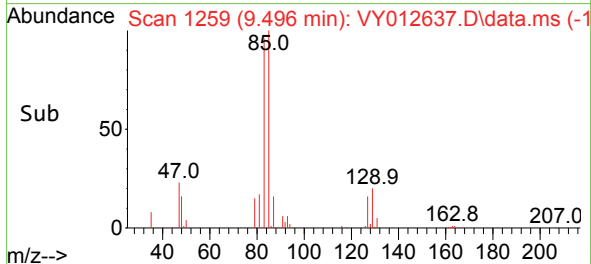
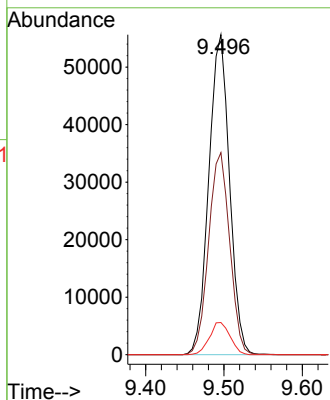
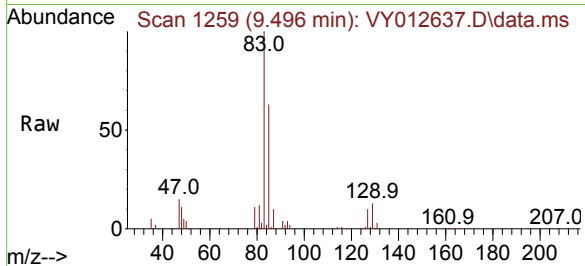




#47
Bromodichloromethane
Concen: 54.015 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

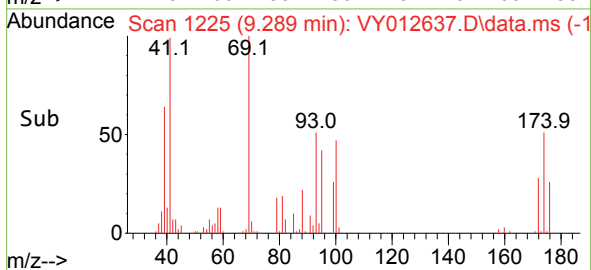
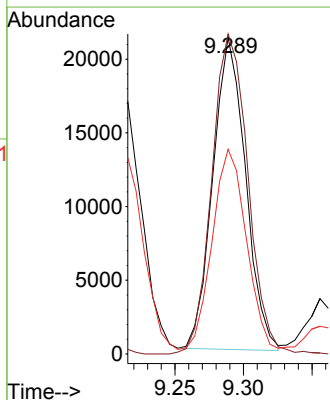
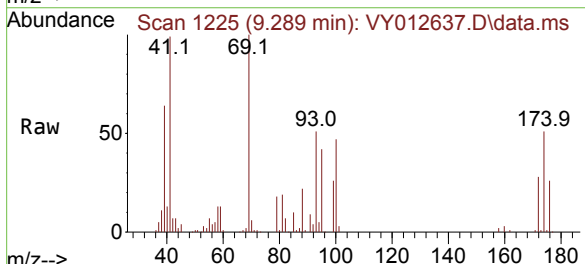
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

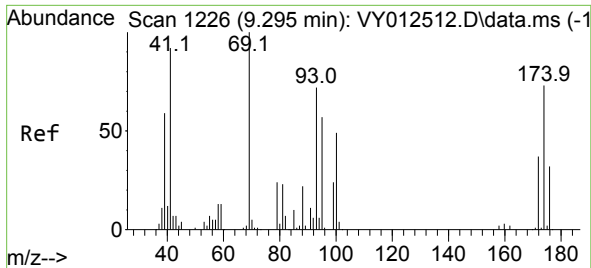
Tgt Ion: 83 Resp: 102119
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1
127 10.1 8.1 12.1



#48
Methyl methacrylate
Concen: 53.360 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 41 Resp: 35086
Ion Ratio Lower Upper
41 100
69 113.4 85.4 128.2
39 70.0 52.7 79.1





#49

1,4-Dioxane

Concen: 1175.789 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

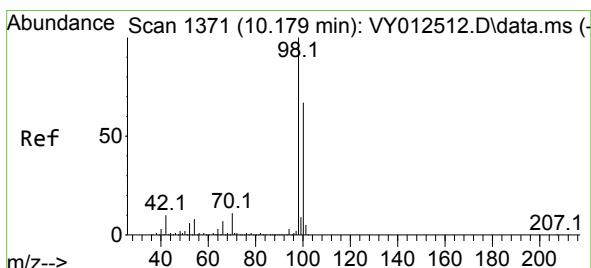
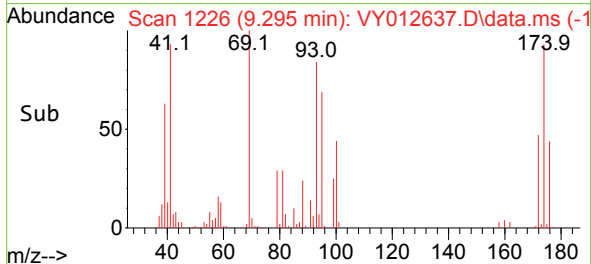
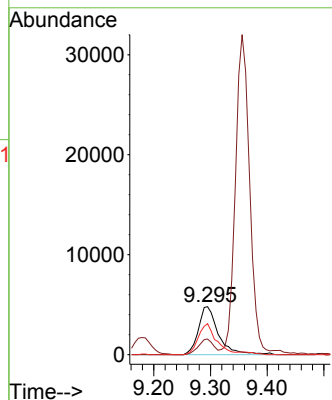
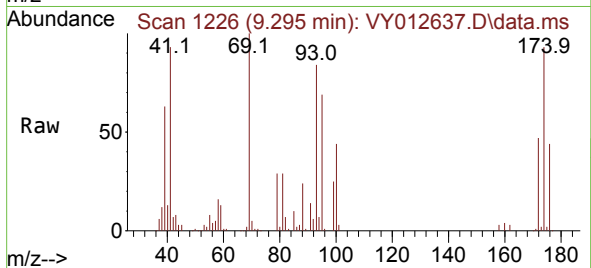
Tgt Ion: 88 Resp: 11835

Ion Ratio Lower Upper

88 100

43 24.7 22.6 33.8

58 58.3 45.4 68.0



#50

Toluene-d8

Concen: 53.677 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012637.D

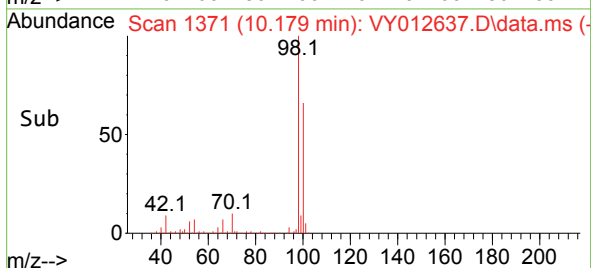
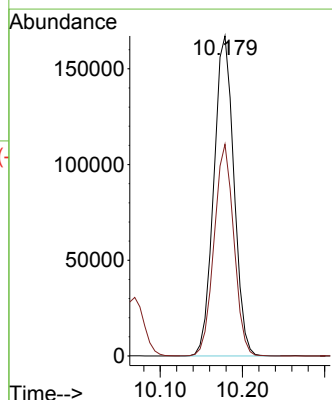
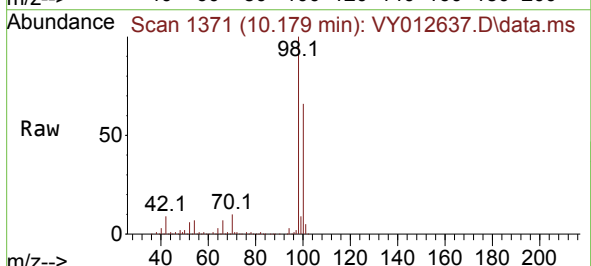
Acq: 16 Feb 2023 17:14

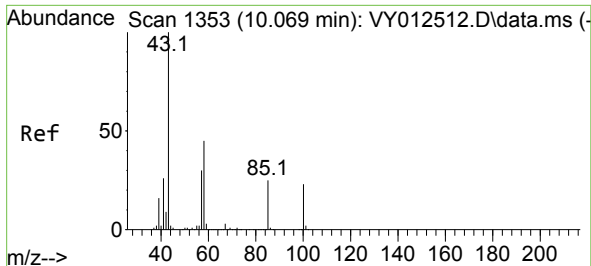
Tgt Ion: 98 Resp: 283841

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

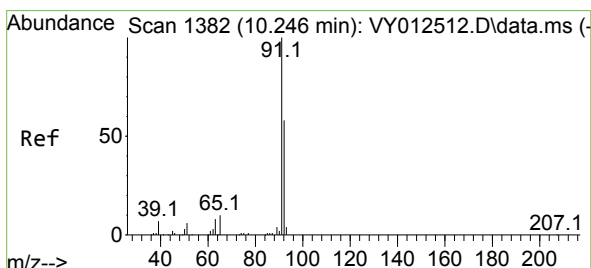
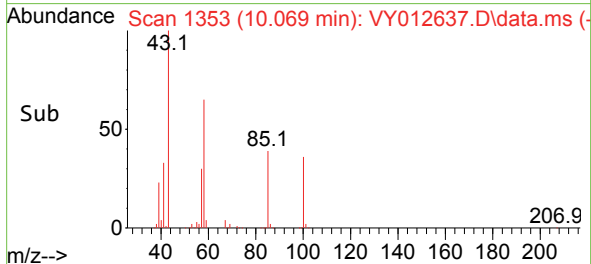
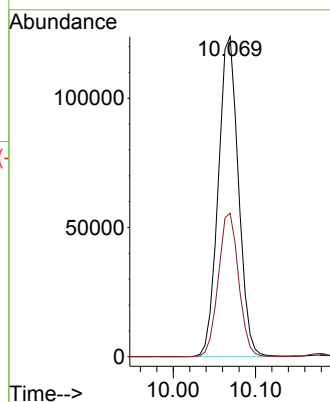
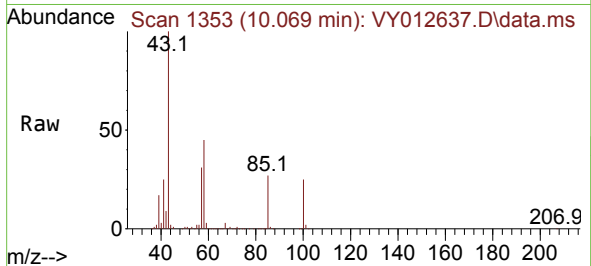




#51
4-Methyl-2-Pentanone
Concen: 272.313 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

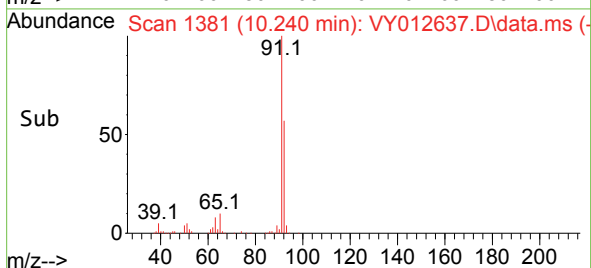
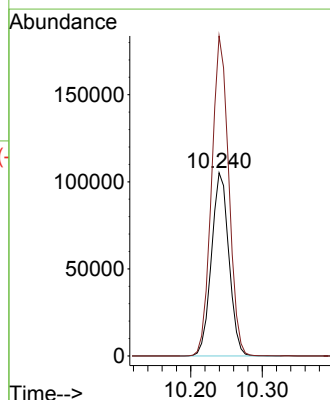
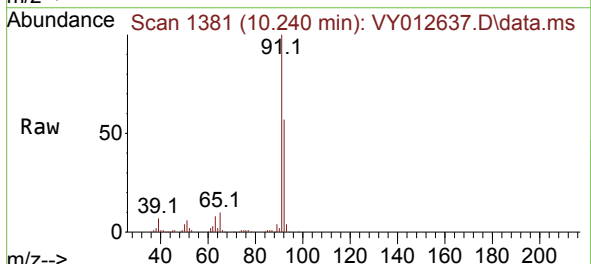
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

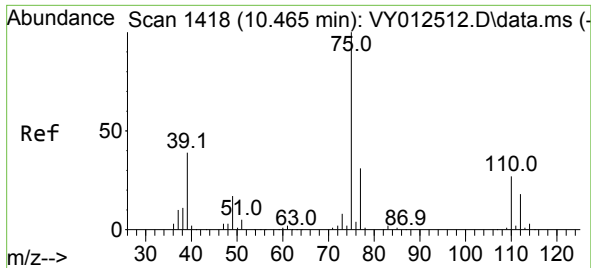
Tgt Ion: 43 Resp: 211348
Ion Ratio Lower Upper
43 100
58 45.1 36.2 54.2



#52
Toluene
Concen: 51.662 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 92 Resp: 177920
Ion Ratio Lower Upper
92 100
91 172.0 137.2 205.8

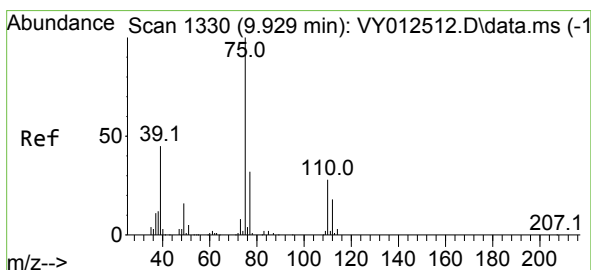
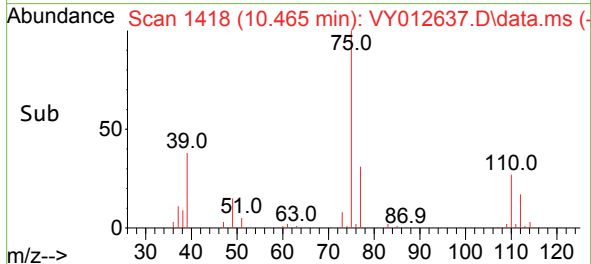
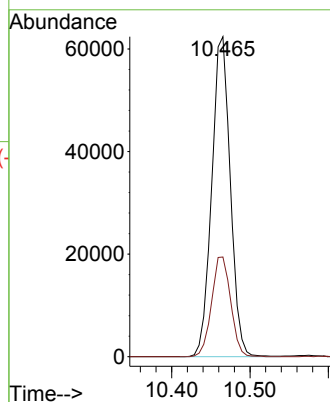
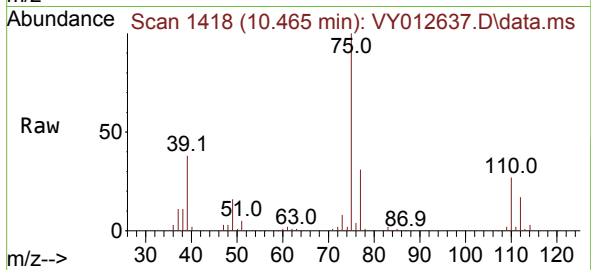




#53
 t-1,3-Dichloropropene
 Concen: 53.937 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

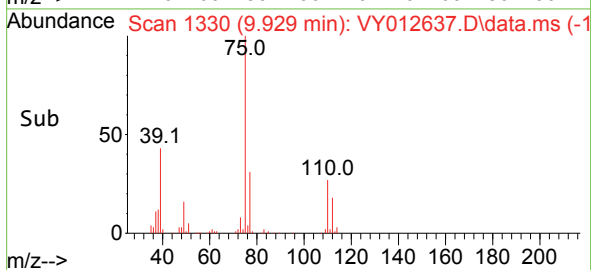
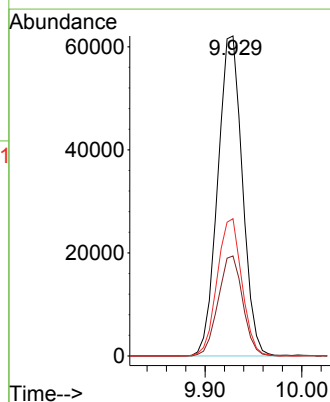
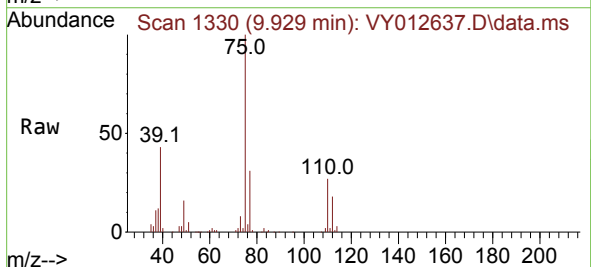
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

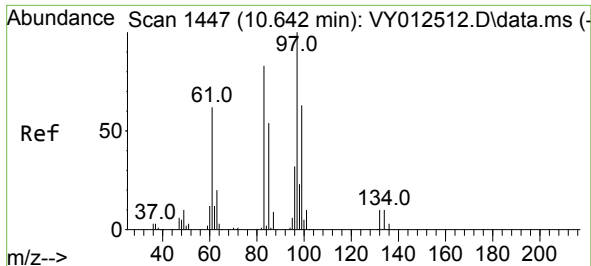
Tgt Ion: 75 Resp: 102753
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.178 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

Tgt Ion: 75 Resp: 109632
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 42.9 36.0 54.0

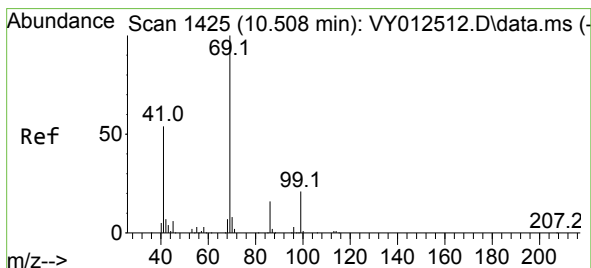
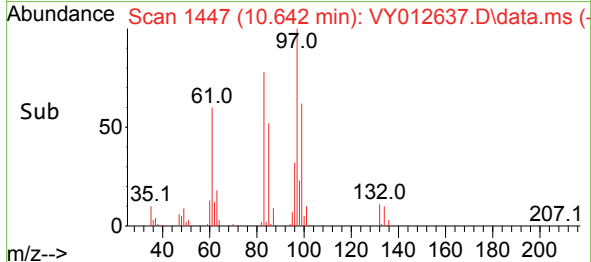
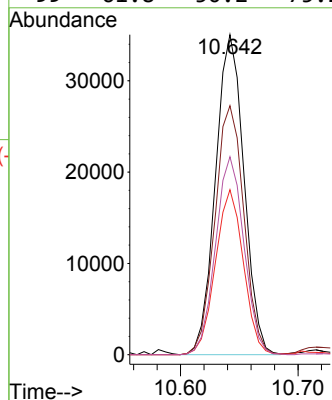
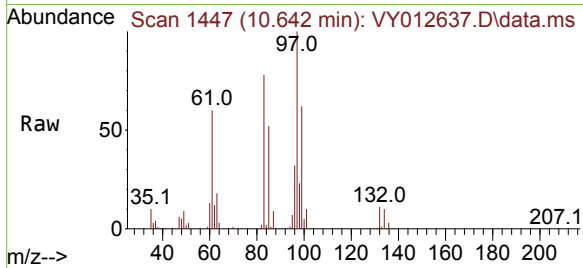




#55
1,1,2-Trichloroethane
Concen: 55.467 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

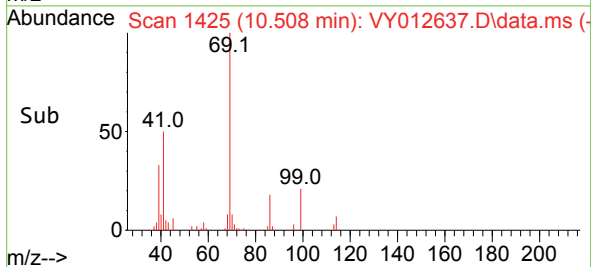
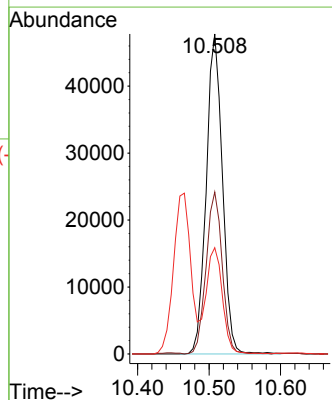
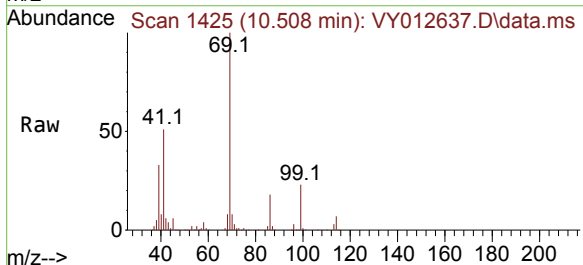
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

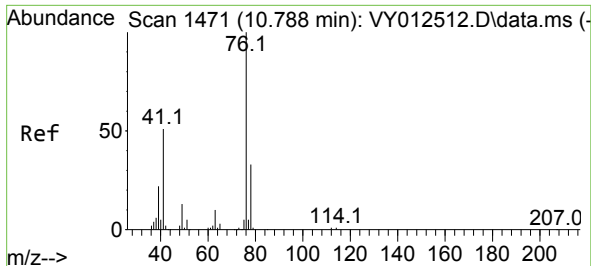
Tgt Ion: 97	Resp: 59096
Ion Ratio	Lower Upper
97 100	
83 77.8	66.0 99.0
85 51.6	43.1 64.7
99 61.8	50.2 75.2



#56
Ethyl methacrylate
Concen: 56.163 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 69	Resp: 75178
Ion Ratio	Lower Upper
69 100	
41 50.4	43.4 65.2
39 33.7	26.5 39.7





#57

1,3-Dichloropropane

Concen: 53.459 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

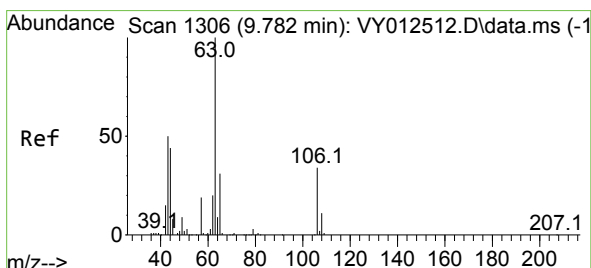
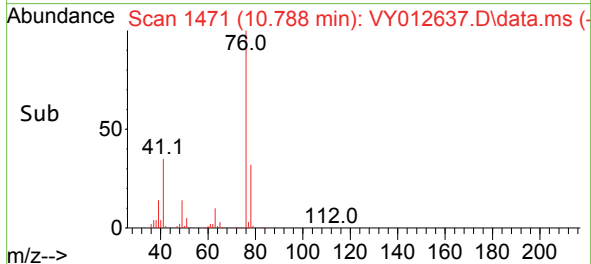
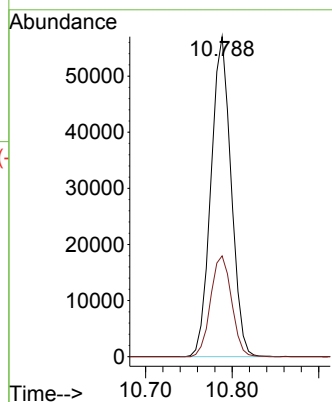
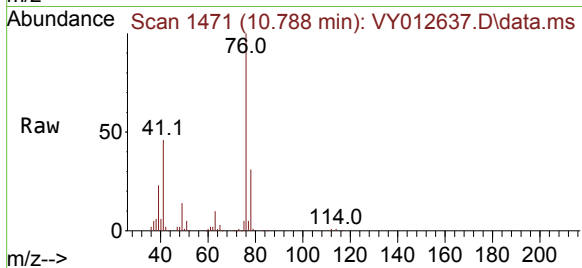
VSTDCCC050EC

Tgt Ion: 76 Resp: 91922

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 282.220 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012637.D

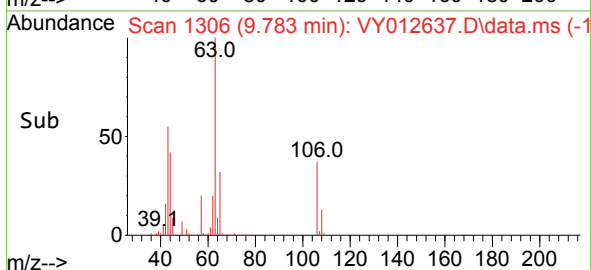
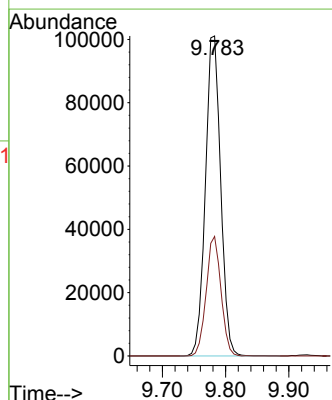
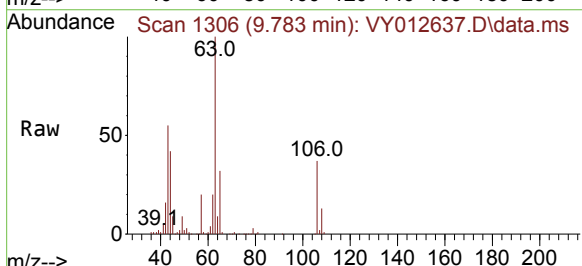
Acq: 16 Feb 2023 17:14

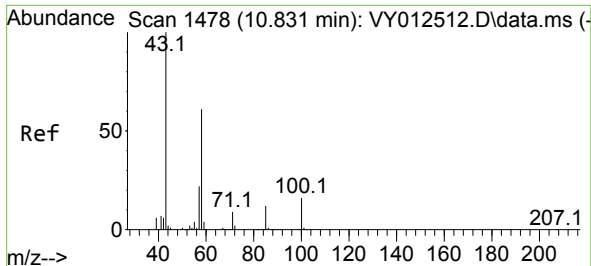
Tgt Ion: 63 Resp: 169799

Ion Ratio Lower Upper

63 100

106 36.3 28.0 42.0

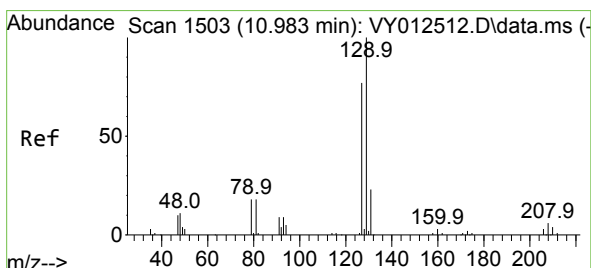
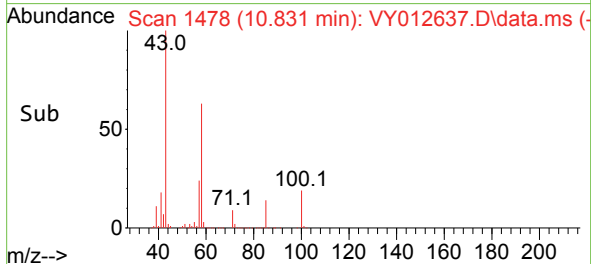
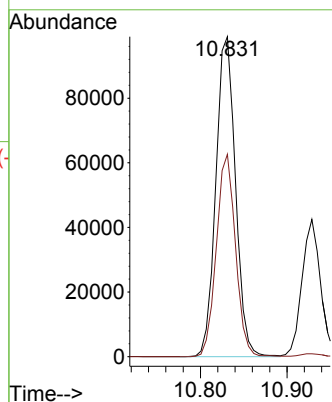
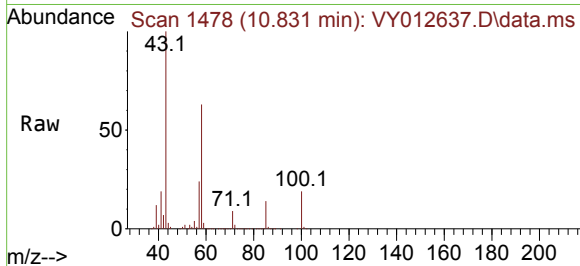




#59
2-Hexanone
Concen: 265.971 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

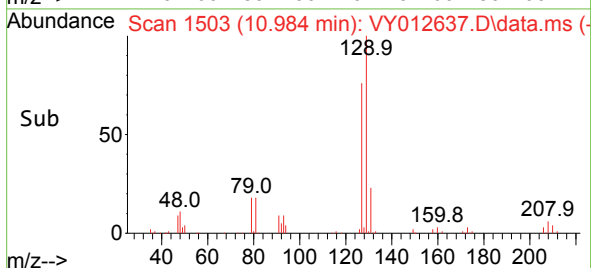
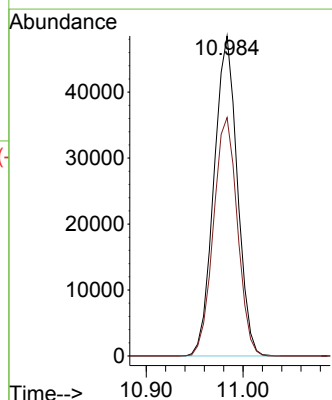
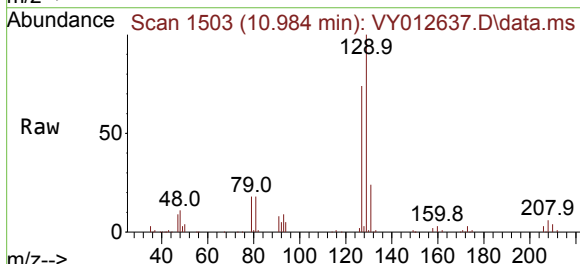
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

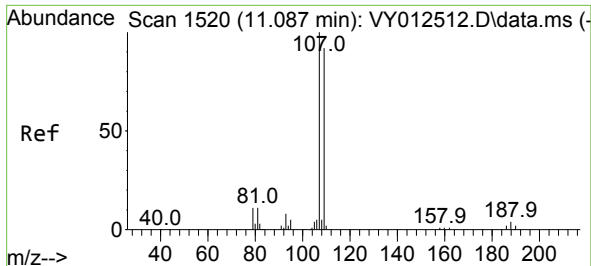
Tgt Ion: 43 Resp: 155999
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.5



#60
Dibromochloromethane
Concen: 57.113 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 129 Resp: 81112
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1

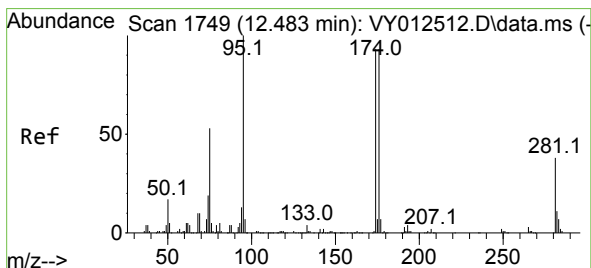
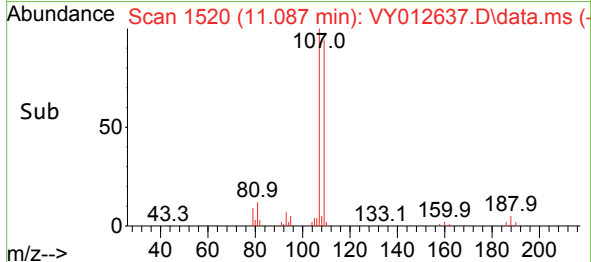
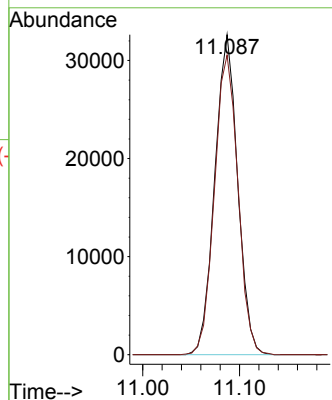
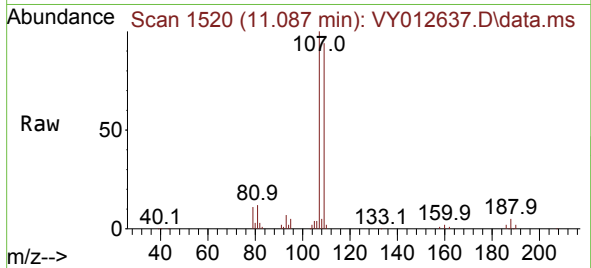




#61
1,2-Dibromoethane
Concen: 53.692 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

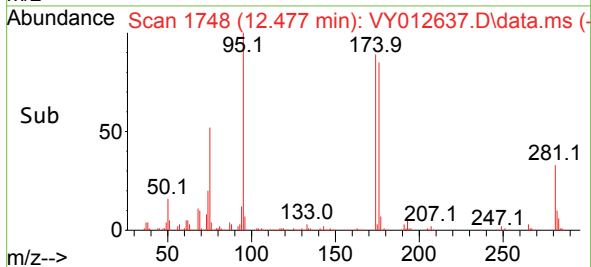
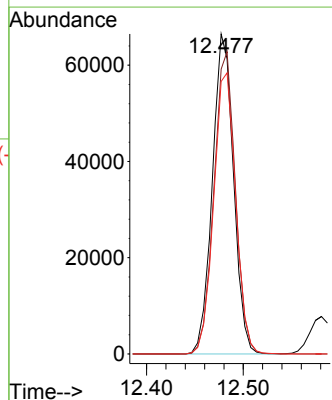
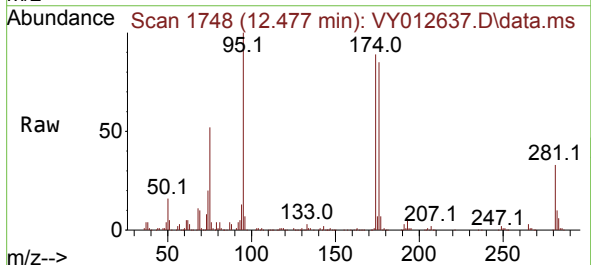
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

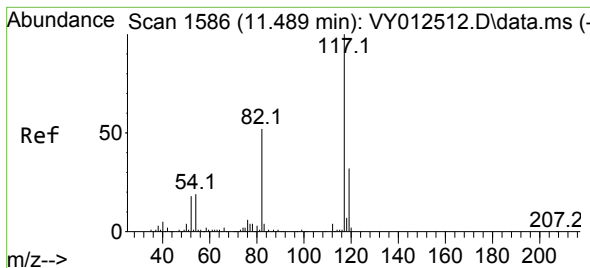
Tgt Ion:107 Resp: 53599
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 54.657 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 95 Resp: 100812
Ion Ratio Lower Upper
95 100
174 95.8 0.0 188.0
176 91.5 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

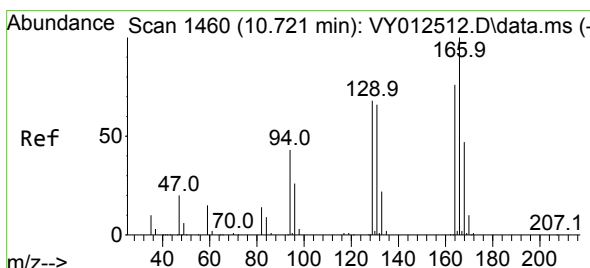
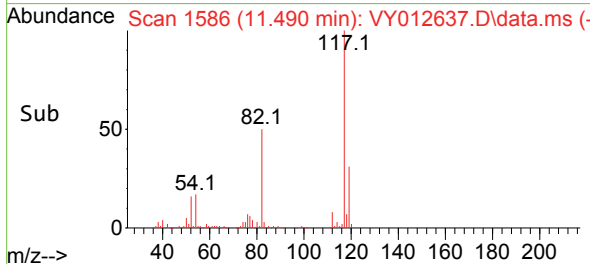
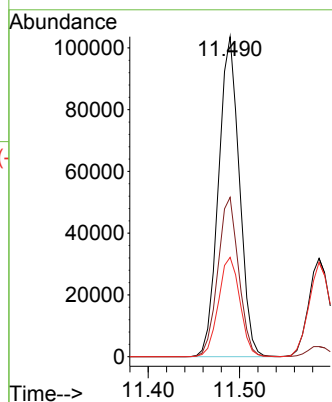
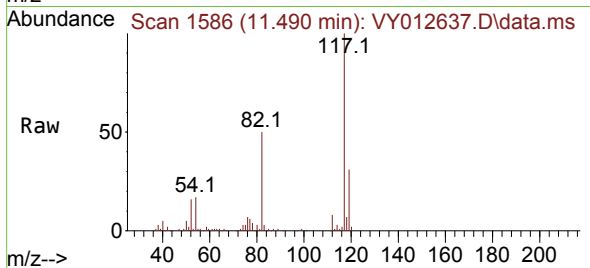
Tgt Ion:117 Resp: 164410

Ion Ratio Lower Upper

117 100

82 49.8 41.7 62.5

119 31.0 25.8 38.8



#64

Tetrachloroethene

Concen: 54.915 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Tgt Ion:164 Resp: 94259

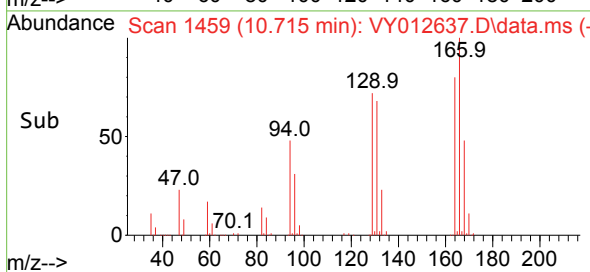
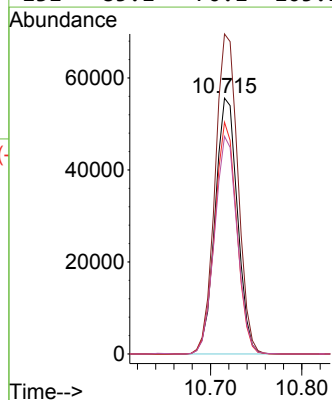
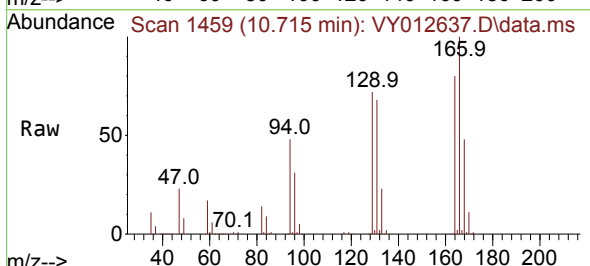
Ion Ratio Lower Upper

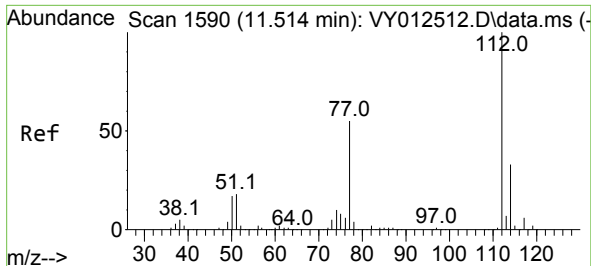
164 100

166 125.1 105.7 158.5

129 90.5 71.8 107.6

131 85.1 70.1 105.1

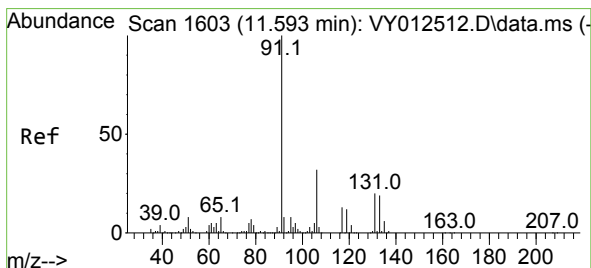
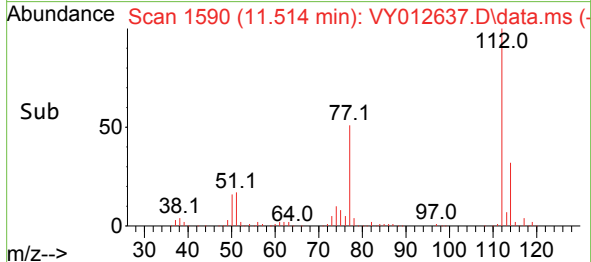
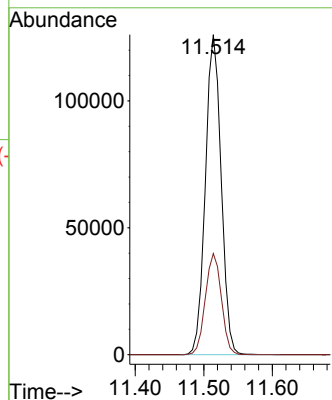
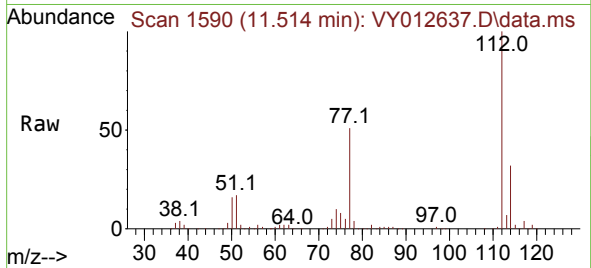




#65
Chlorobenzene
Concen: 51.795 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

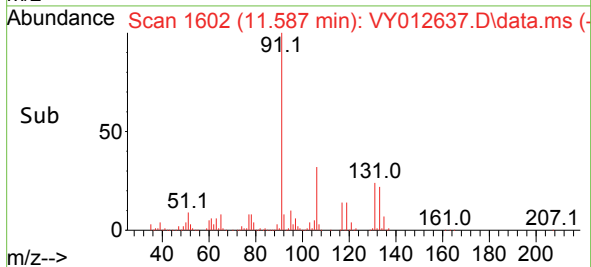
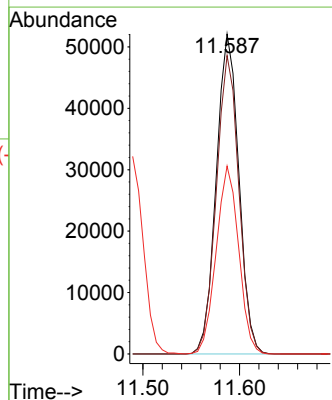
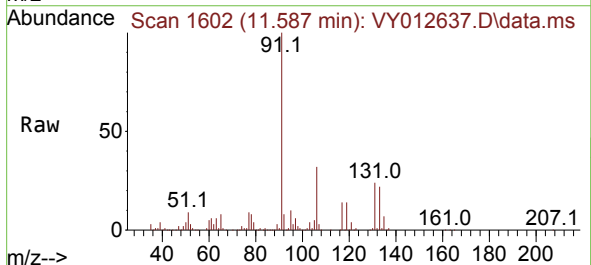
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

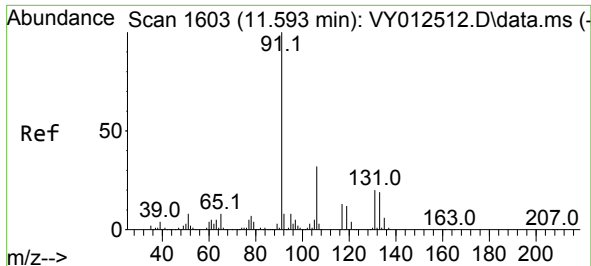
Tgt Ion:112 Resp: 201976
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.192 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion:131 Resp: 84340
Ion Ratio Lower Upper
131 100
133 93.0 48.5 145.5
119 58.5 30.7 92.1

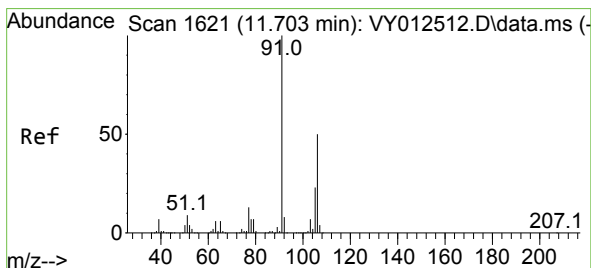
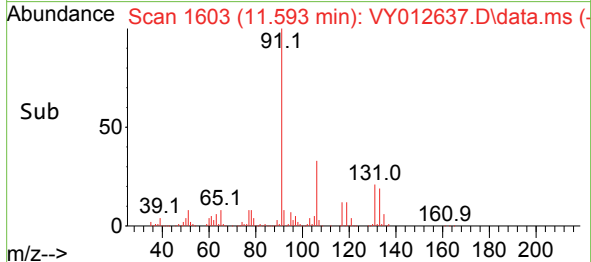
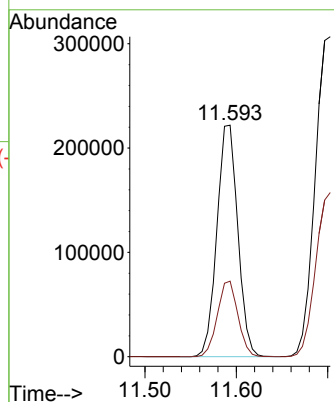
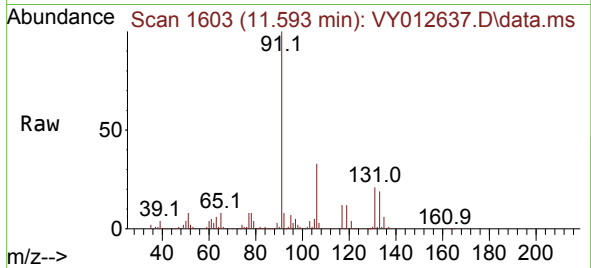




#67
Ethyl Benzene
Concen: 51.533 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

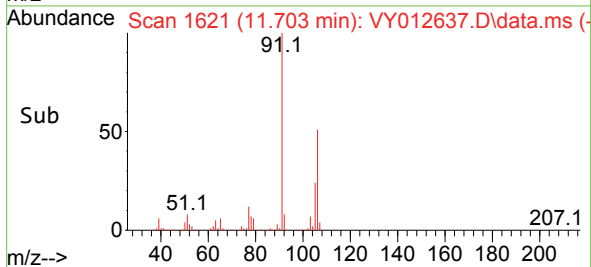
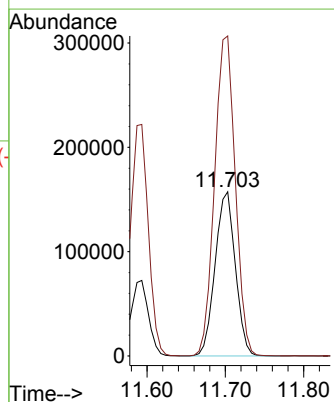
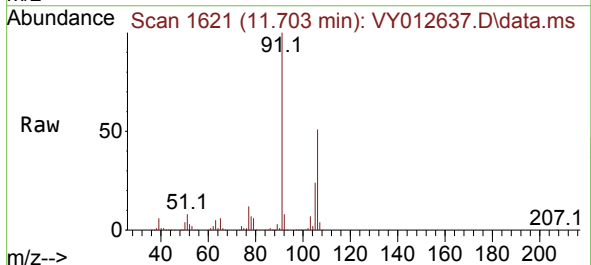
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

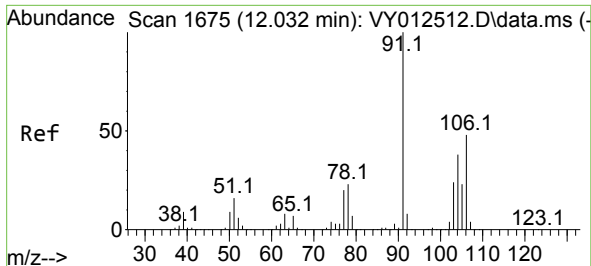
Tgt Ion: 91 Resp: 352789
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 103.321 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 106 Resp: 282337
Ion Ratio Lower Upper
106 100
91 199.3 160.3 240.5

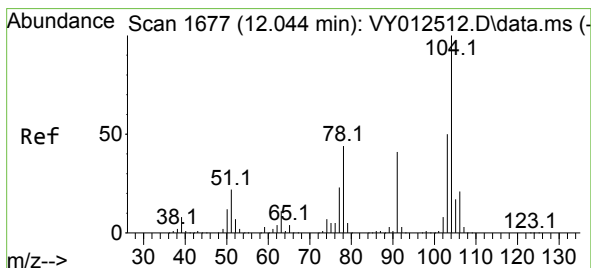
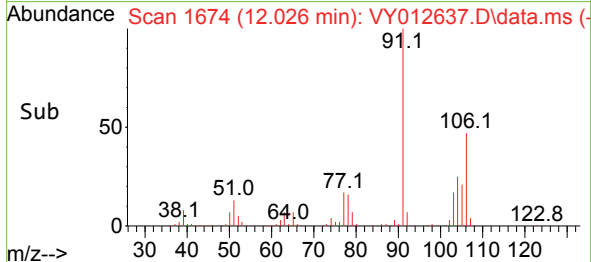
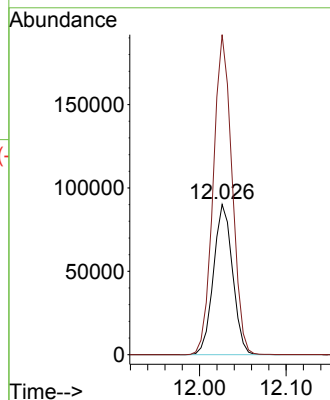
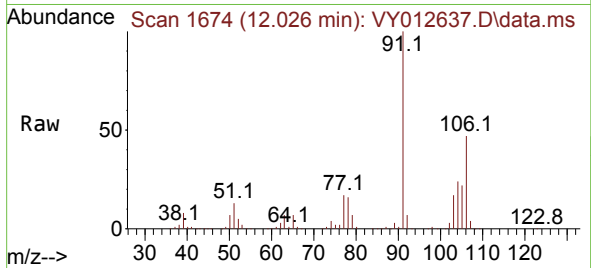




#69
o-Xylene
Concen: 53.051 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

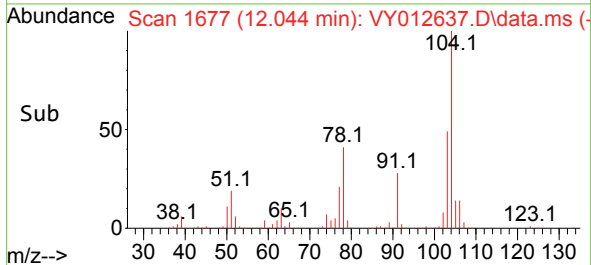
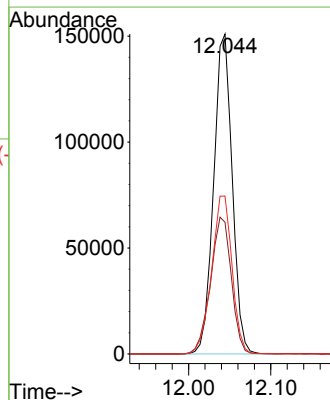
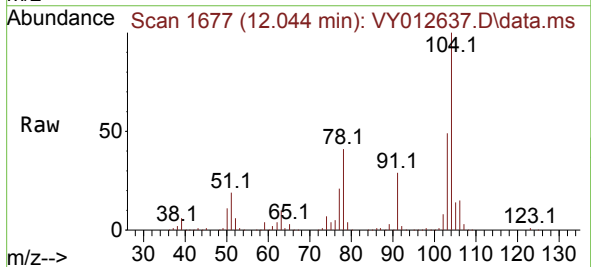
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

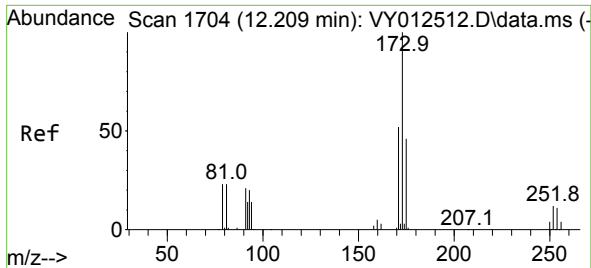
Tgt Ion:106 Resp: 138060
Ion Ratio Lower Upper
106 100
91 210.1 104.2 312.5



#70
Styrene
Concen: 53.795 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion:104 Resp: 237424
Ion Ratio Lower Upper
104 100
78 48.0 39.4 59.2
103 54.4 43.8 65.8

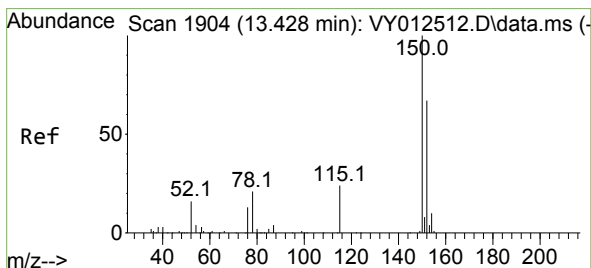
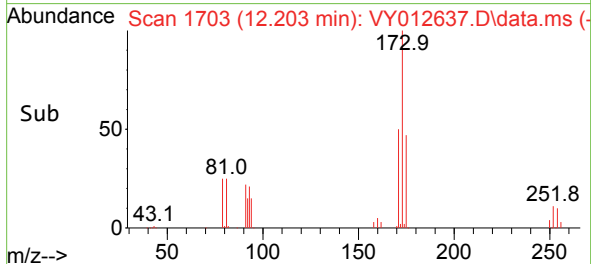
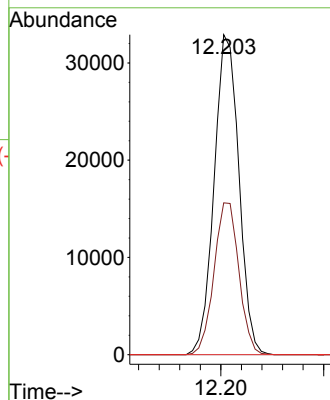
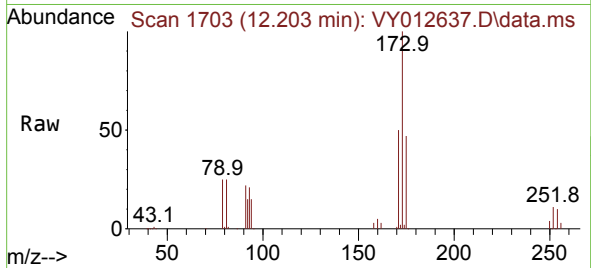




#71
Bromoform
Concen: 56.884 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

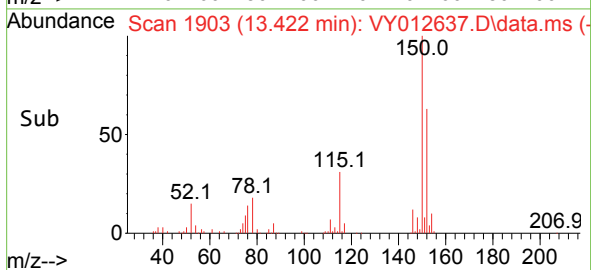
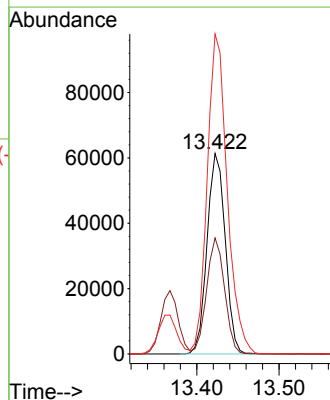
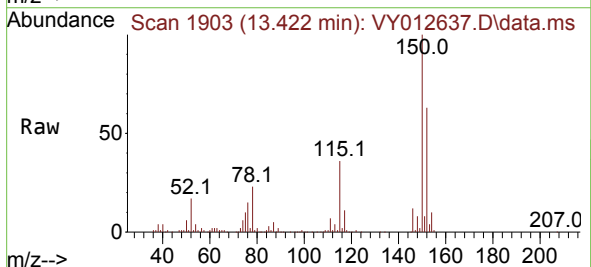
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

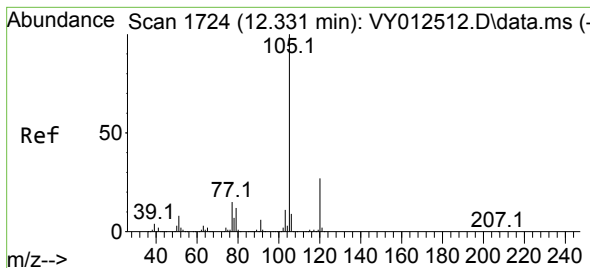
Tgt Ion:173 Resp: 54944
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion:152 Resp: 94329
Ion Ratio Lower Upper
152 100
115 57.1 28.1 84.3
150 175.4 0.0 351.0





#73

Isopropylbenzene

Concen: 49.129 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

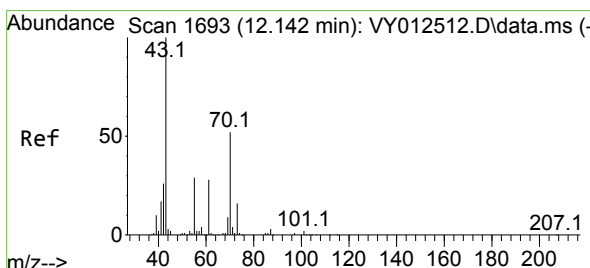
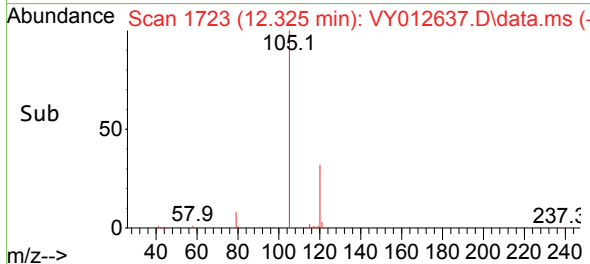
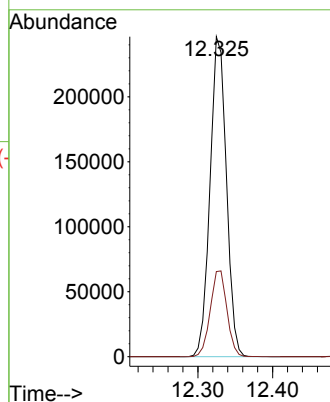
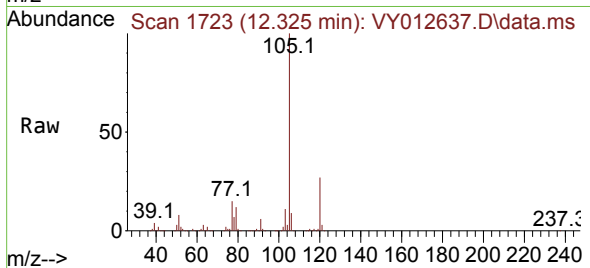
VSTDCCC050EC

Tgt Ion:105 Resp: 374939

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-amy1 acetate

Concen: 48.099 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Tgt Ion: 43 Resp: 66449

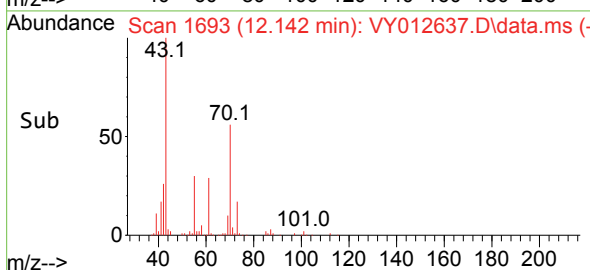
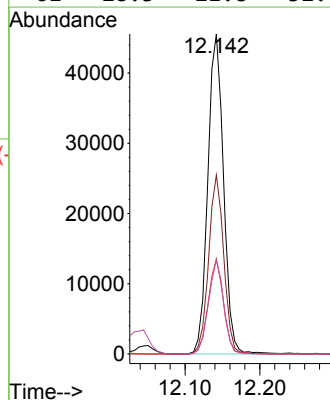
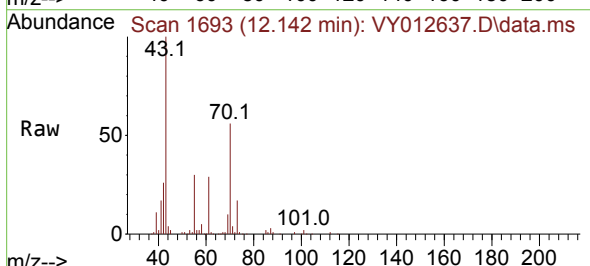
Ion Ratio Lower Upper

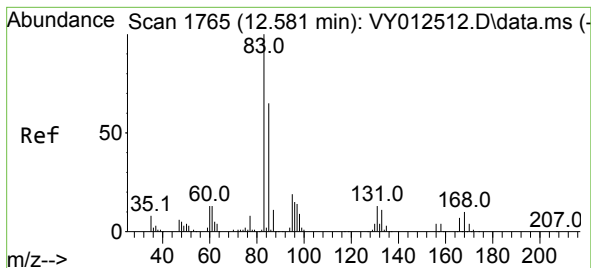
43 100

70 53.7 41.0 61.6

55 28.8 22.9 34.3

61 28.3 21.8 32.6





#75

1,1,2-Tetrachloroethane

Concen: 49.600 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

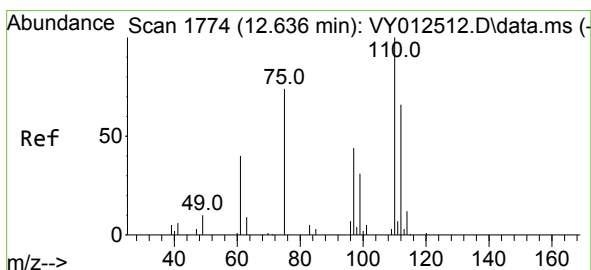
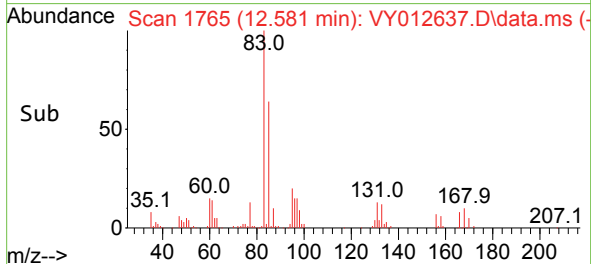
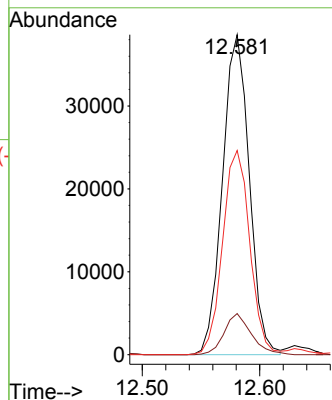
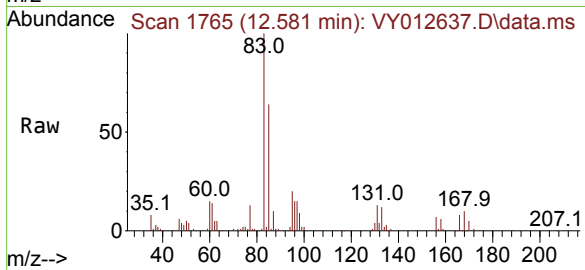
Tgt Ion: 83 Resp: 61208

Ion Ratio Lower Upper

83 100

131 13.0 6.5 19.4

85 64.8 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 85.337 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012637.D

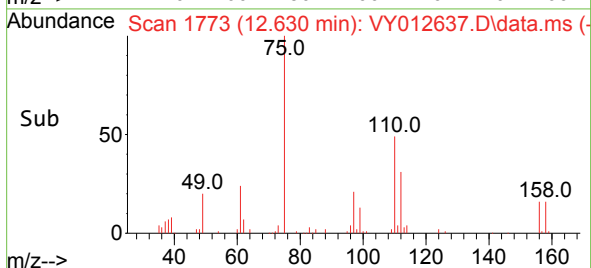
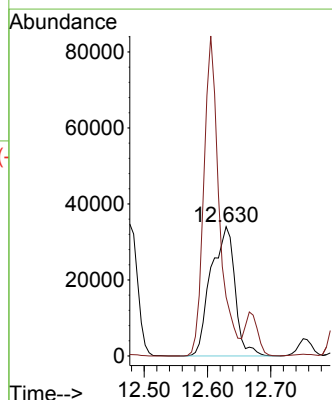
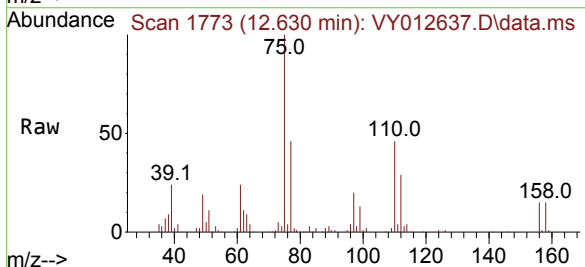
Acq: 16 Feb 2023 17:14

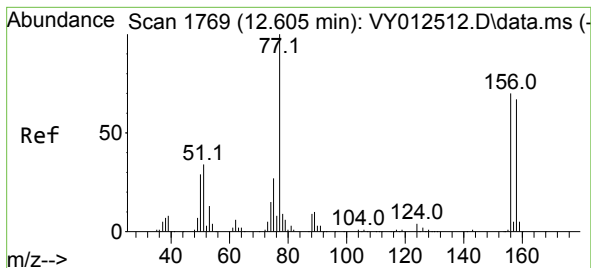
Tgt Ion: 75 Resp: 89935

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.190 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

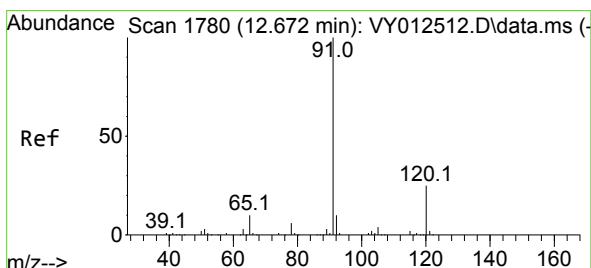
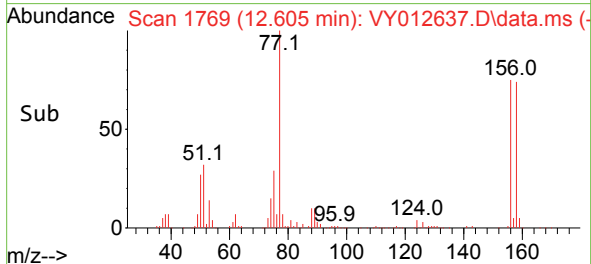
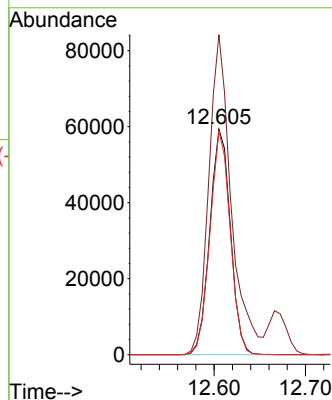
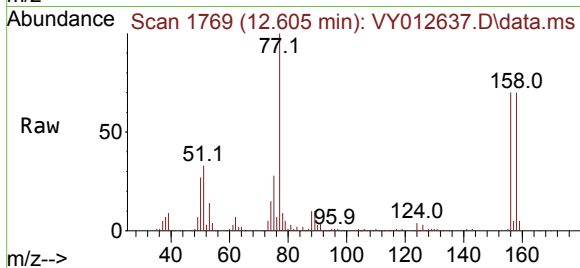
Tgt Ion:156 Resp: 92840

Ion Ratio Lower Upper

156 100

77 155.4 80.6 241.8

158 97.1 49.1 147.3



#78

n-propylbenzene

Concen: 48.627 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY012637.D

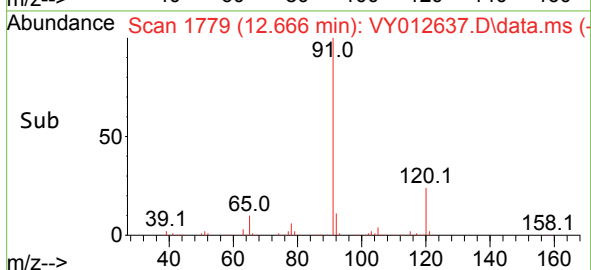
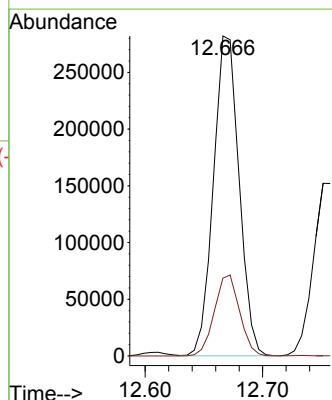
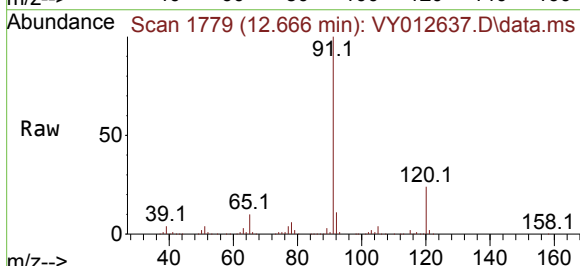
Acq: 16 Feb 2023 17:14

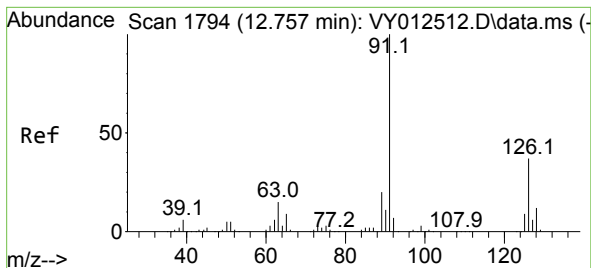
Tgt Ion: 91 Resp: 427147

Ion Ratio Lower Upper

91 100

120 25.0 12.4 37.4

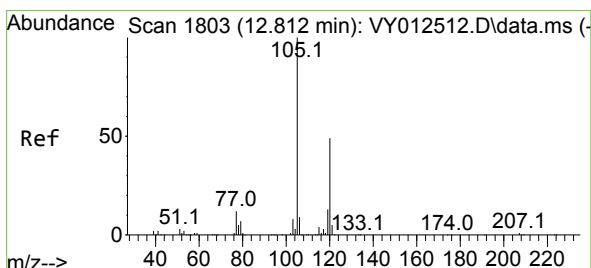
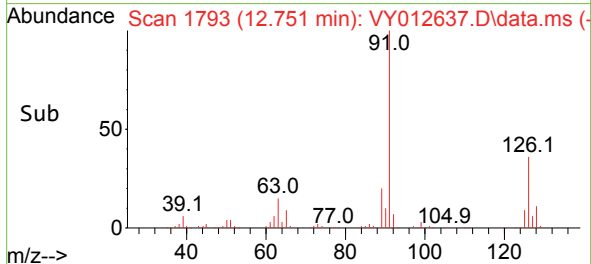
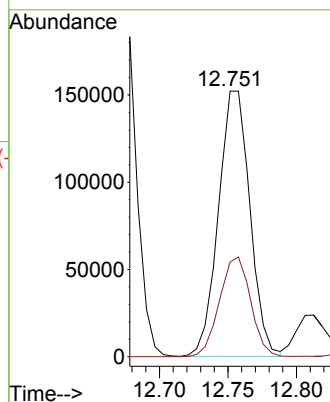
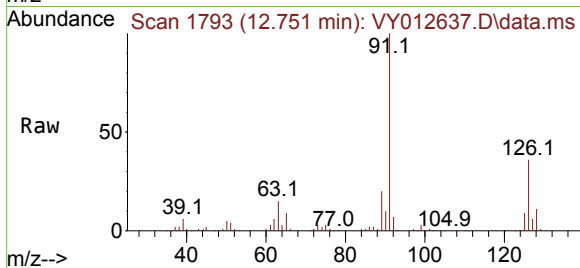




#79
2-Chlorotoluene
Concen: 48.885 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

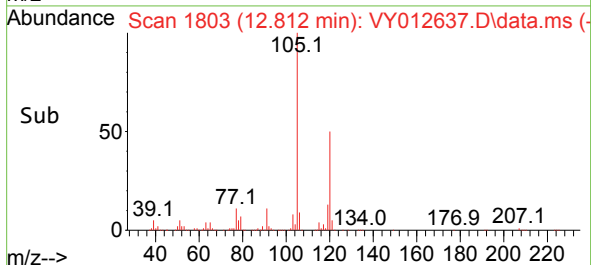
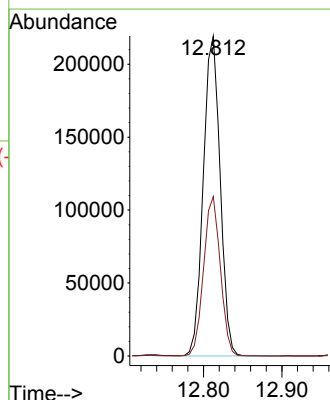
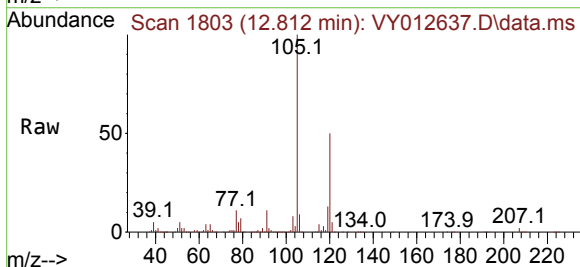
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

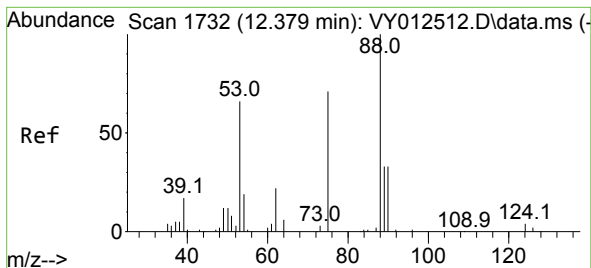
Tgt Ion: 91 Resp: 243767
Ion Ratio Lower Upper
91 100
126 37.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 49.851 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 105 Resp: 327513
Ion Ratio Lower Upper
105 100
120 49.5 24.6 74.0

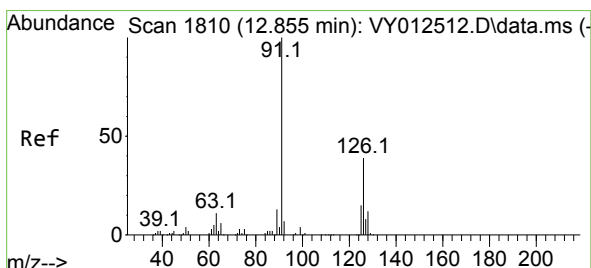
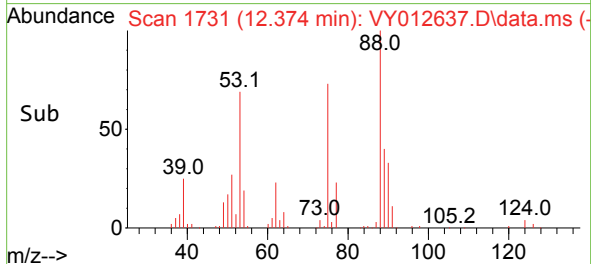
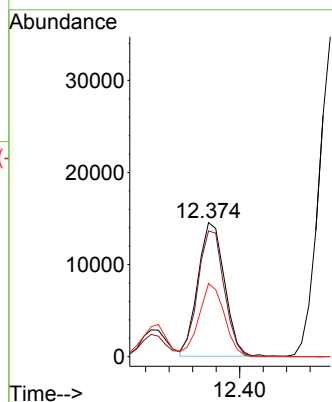
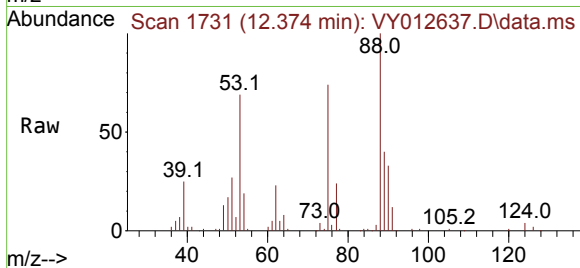




#81
trans-1,4-Dichloro-2-butene
Concen: 48.896 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

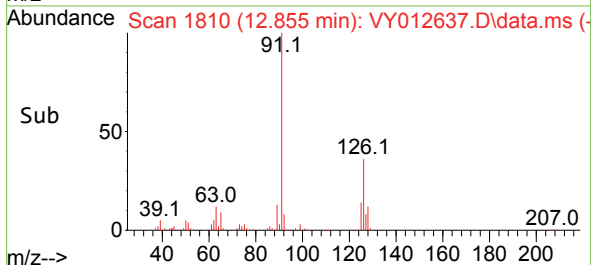
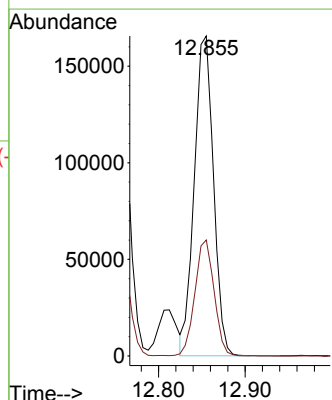
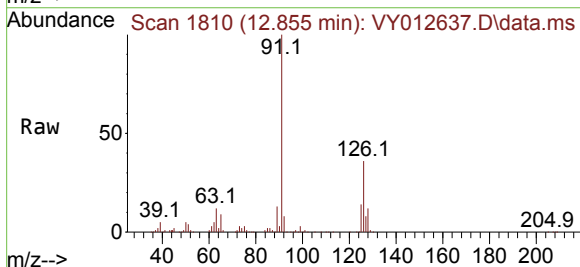
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

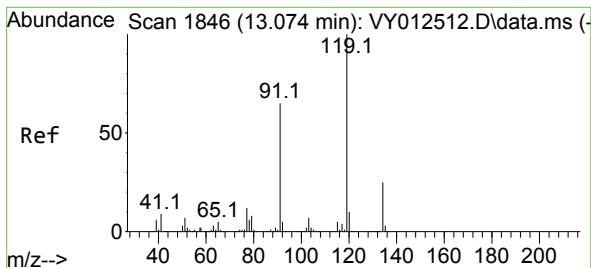
Tgt Ion: 75 Resp: 22851
Ion Ratio Lower Upper
75 100
53 93.1 73.1 109.7
89 51.9 39.9 59.9



#82
4-Chlorotoluene
Concen: 48.663 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012637.D
Acq: 16 Feb 2023 17:14

Tgt Ion: 91 Resp: 254552
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.3





#83

tert-Butylbenzene

Concen: 50.204 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

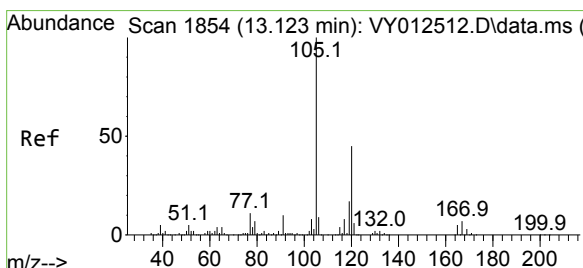
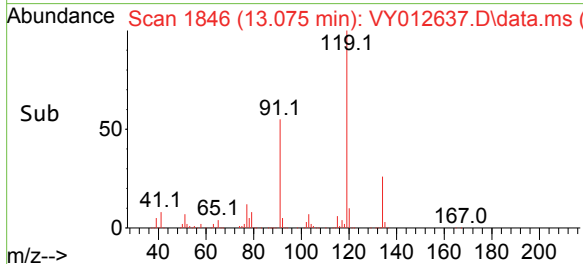
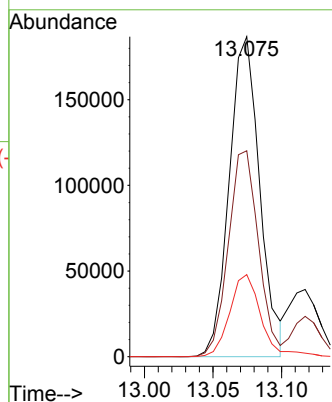
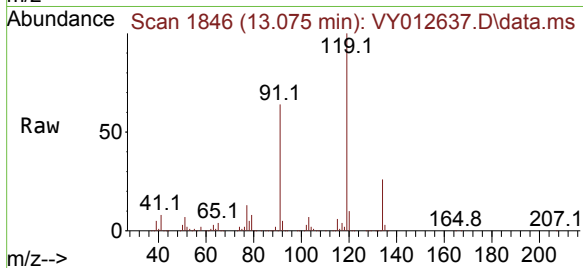
Tgt Ion:119 Resp: 289234

Ion Ratio Lower Upper

119 100

91 63.8 33.0 99.0

134 26.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.047 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012637.D

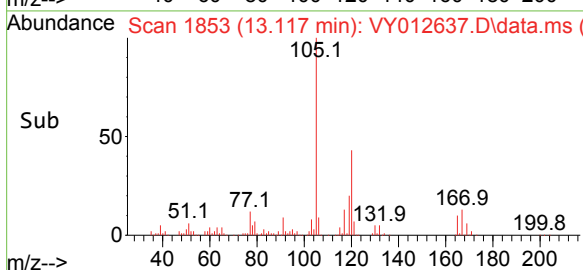
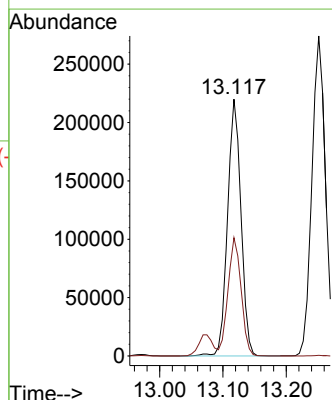
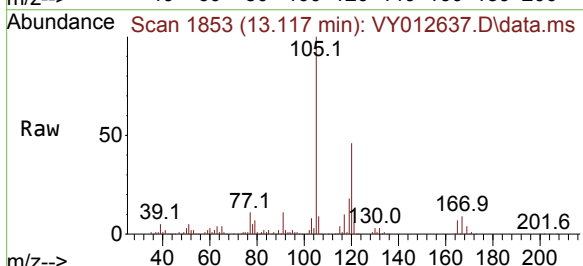
Acq: 16 Feb 2023 17:14

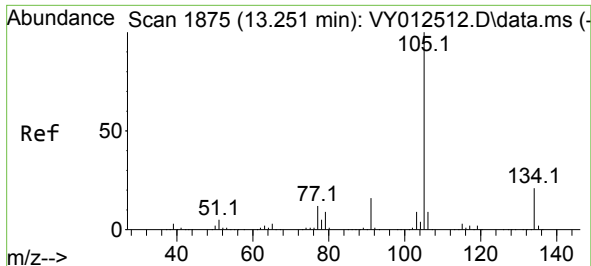
Tgt Ion:105 Resp: 323521

Ion Ratio Lower Upper

105 100

120 44.9 22.8 68.3

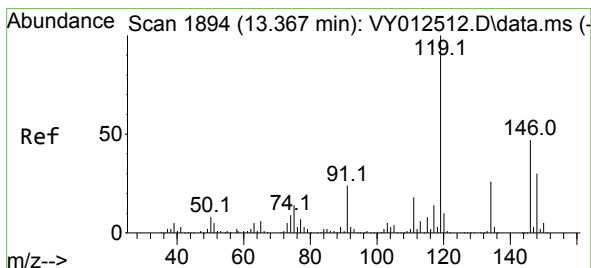
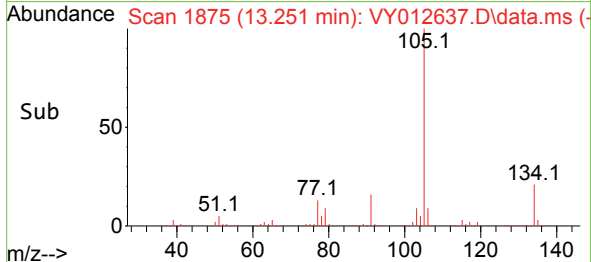
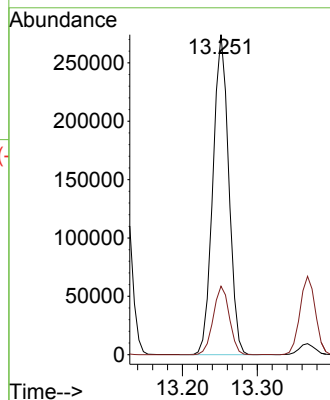
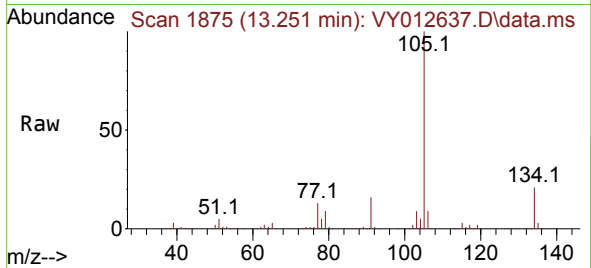




#85
 sec-Butylbenzene
 Concen: 49.130 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

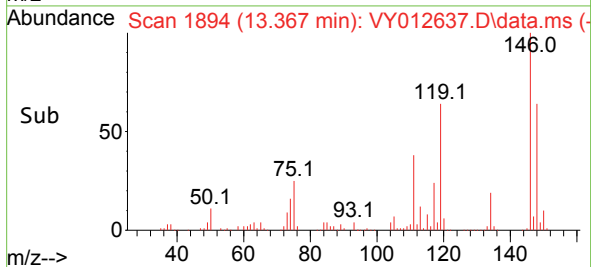
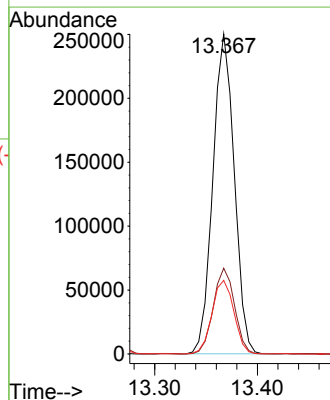
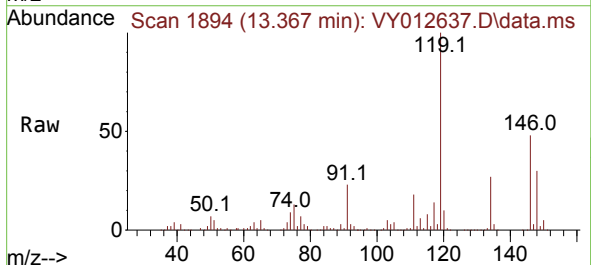
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

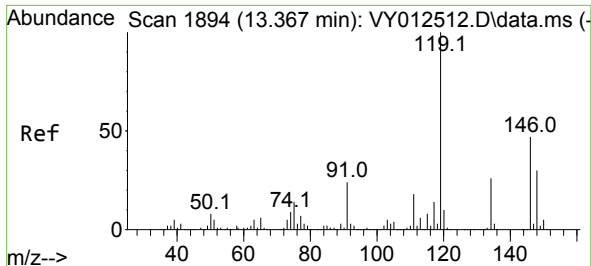
Tgt Ion:105 Resp: 404927
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 50.649 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012637.D
 Acq: 16 Feb 2023 17:14

Tgt Ion:119 Resp: 362144
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.455 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

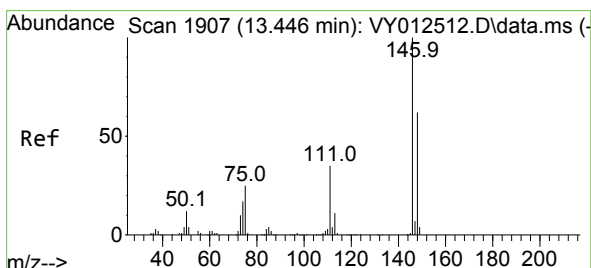
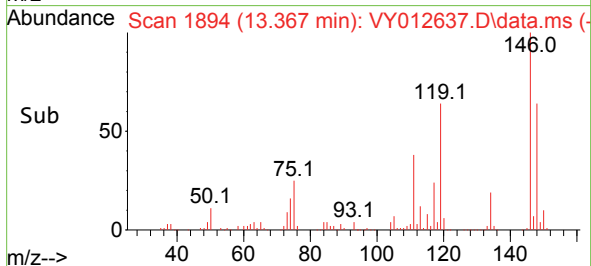
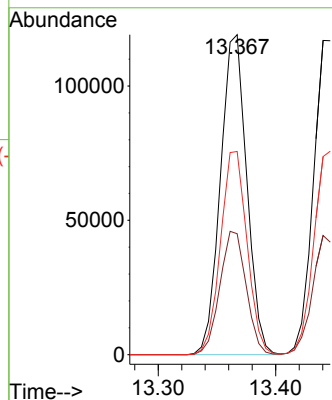
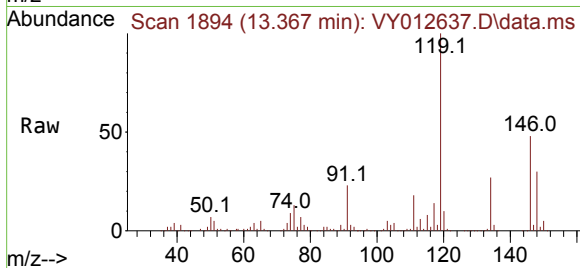
Tgt Ion:146 Resp: 185697

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 64.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.759 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

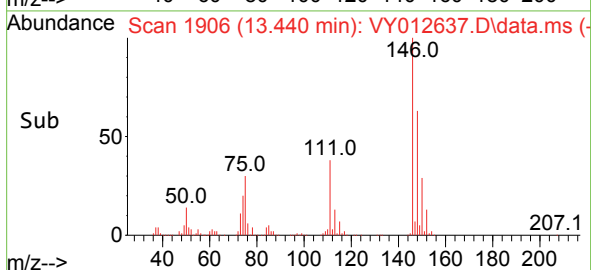
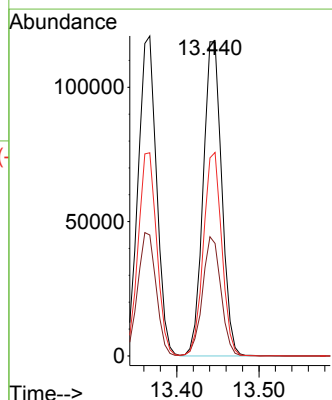
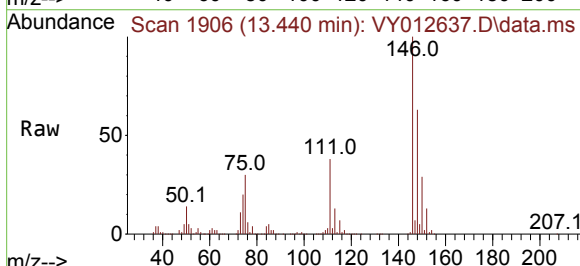
Tgt Ion:146 Resp: 183444

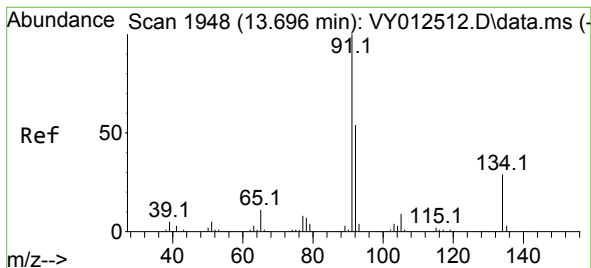
Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.2

148 64.1 31.6 95.0





#89

n-Butylbenzene

Concen: 49.476 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

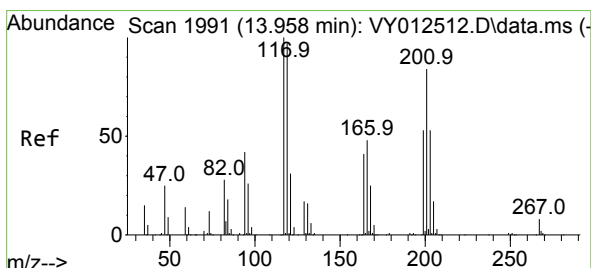
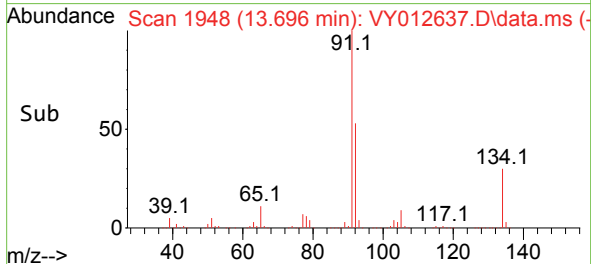
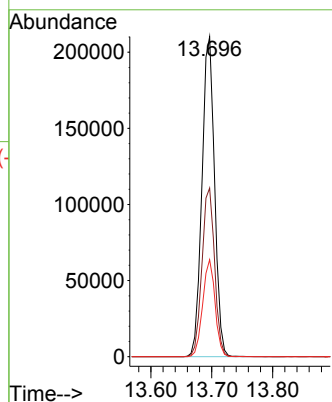
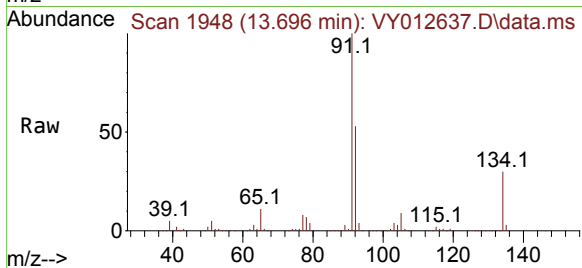
Tgt Ion: 91 Resp: 302342

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 29.7 14.5 43.5



#90

Hexachloroethane

Concen: 47.780 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012637.D

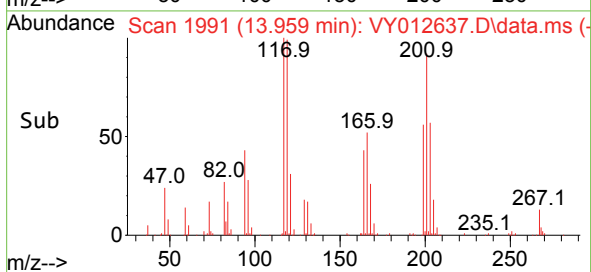
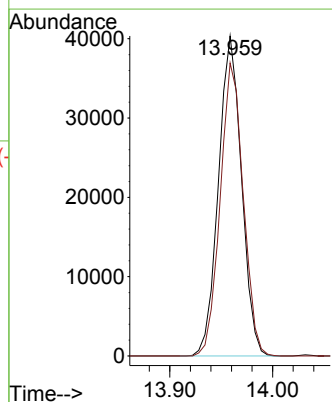
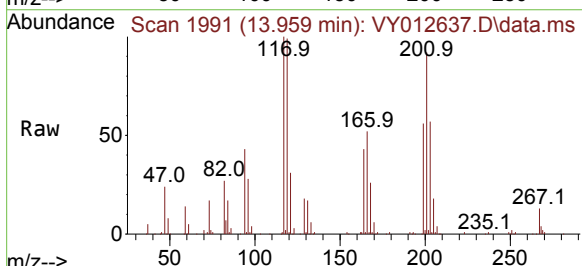
Acq: 16 Feb 2023 17:14

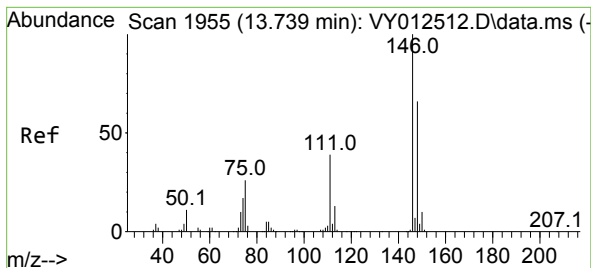
Tgt Ion: 117 Resp: 62707

Ion Ratio Lower Upper

117 100

201 91.4 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 50.841 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

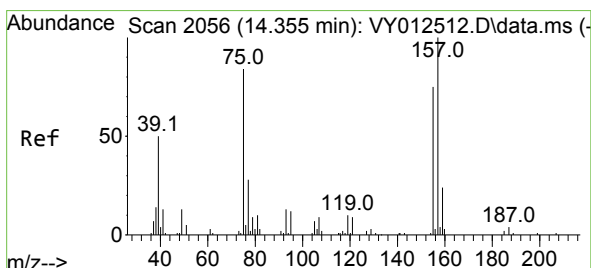
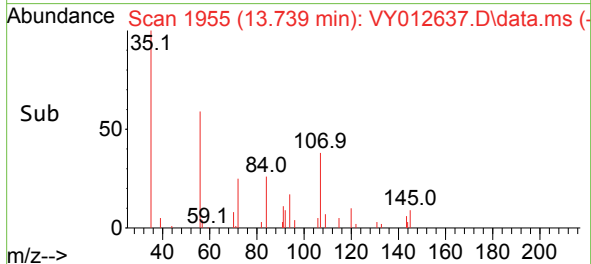
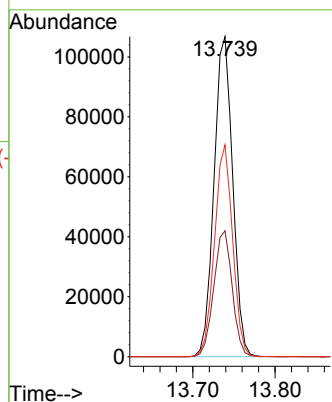
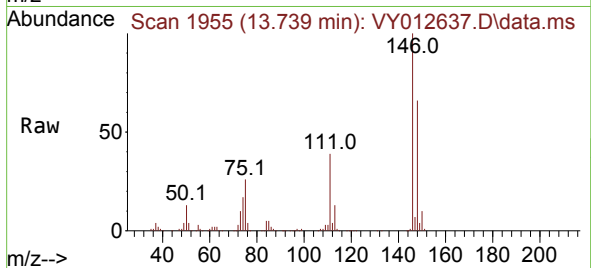
Tgt Ion:146 Resp: 168330

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.1

148 64.2 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.500 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

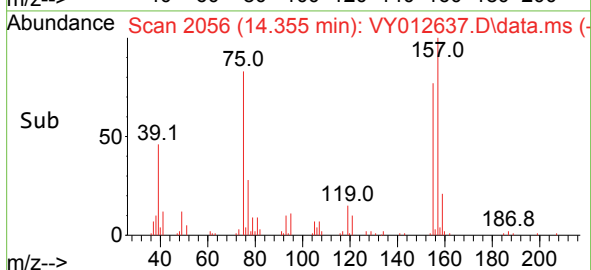
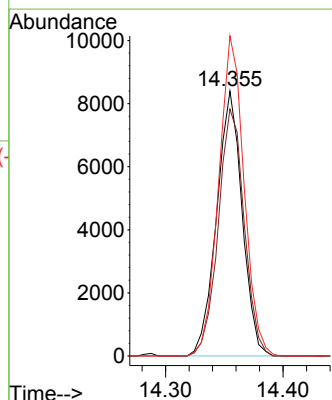
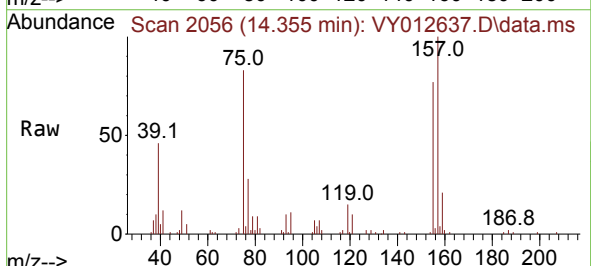
Tgt Ion: 75 Resp: 12647

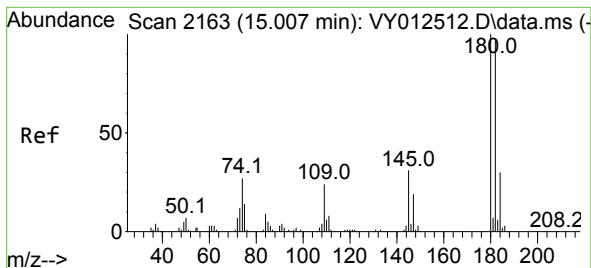
Ion Ratio Lower Upper

75 100

155 94.7 46.5 139.3

157 120.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.210 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

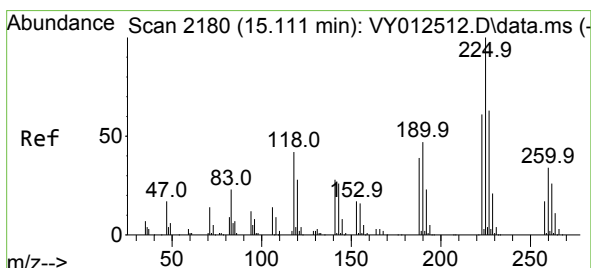
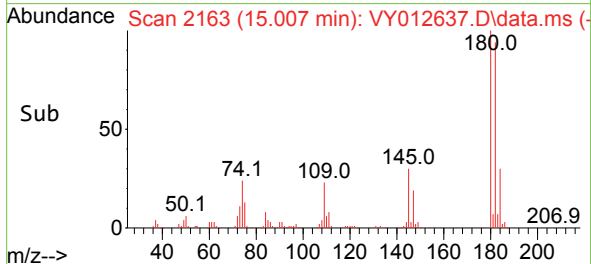
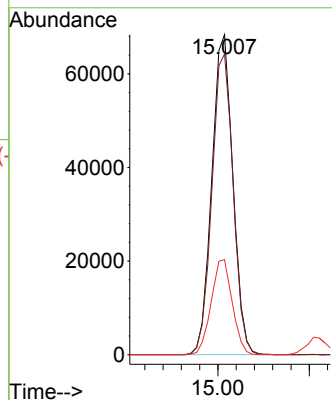
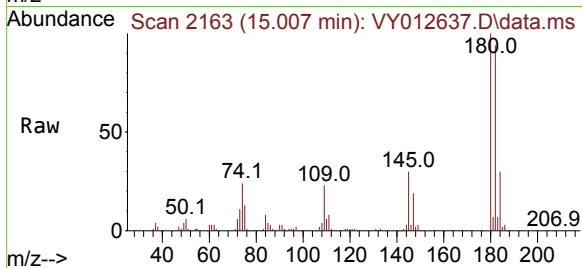
Tgt Ion:180 Resp: 109160

Ion Ratio Lower Upper

180 100

182 94.8 47.7 143.1

145 29.8 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.922 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

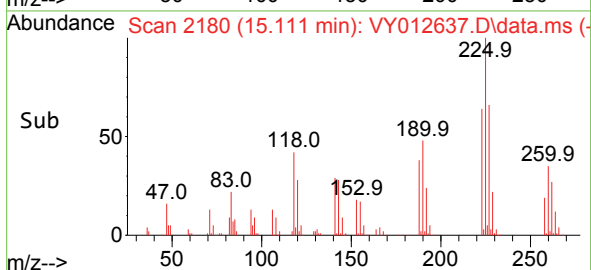
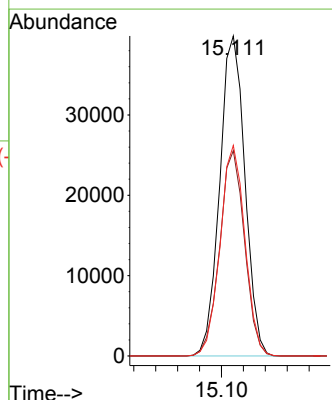
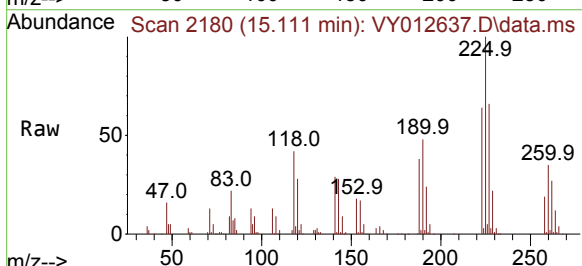
Tgt Ion:225 Resp: 63623

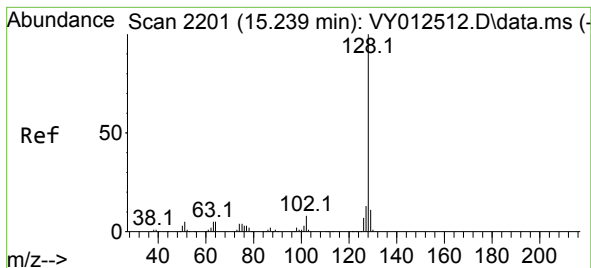
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.3

227 64.8 31.9 95.5





#95

Naphthalene

Concen: 55.930 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

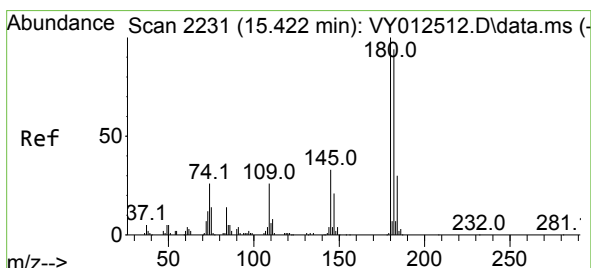
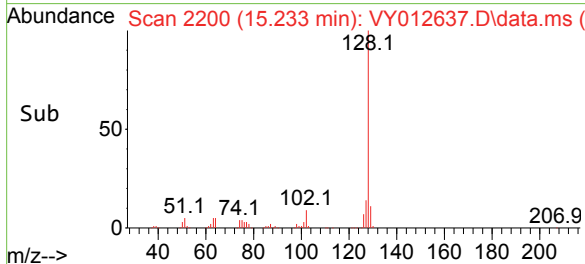
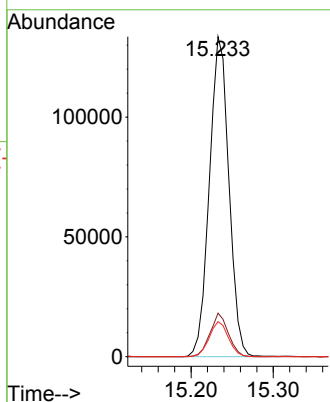
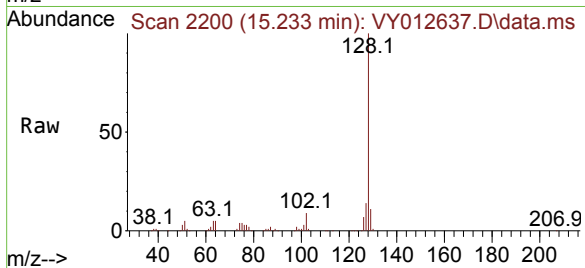
Tgt Ion:128 Resp: 220264

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.643 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012637.D

Acq: 16 Feb 2023 17:14

Tgt Ion:180 Resp: 95258

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.2

145 31.9 16.2 48.6

