

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014997.D
 Acq On : 08 Aug 2023 19:54
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 09 01:06:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	400946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	659692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	590724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	294045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	244453	50.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.600%	
35) Dibromofluoromethane	7.716	113	223806	53.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.179	98	813748	50.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.477	95	303291	53.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	95847	42.576	ug/l	98
3) Chloromethane	2.107	50	118328	37.500	ug/l	98
4) Vinyl Chloride	2.247	62	144256	37.101	ug/l	96
5) Bromomethane	2.637	94	104246	41.119	ug/l	96
6) Chloroethane	2.784	64	104979	39.105	ug/l	98
7) Trichlorofluoromethane	3.119	101	268165	43.645	ug/l	99
8) Diethyl Ether	3.527	74	106259	46.866	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	164852	45.323	ug/l	96
10) Methyl Iodide	4.088	142	222174	59.081	ug/l	97
11) Tert butyl alcohol	4.954	59	224531	191.445	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	145410	45.883	ug/l	87
13) Acrolein	3.729	56	105916	265.467	ug/l	98
14) Allyl chloride	4.472	41	251493	47.654	ug/l	95
15) Acrylonitrile	5.161	53	337186	243.431	ug/l	98
16) Acetone	3.948	43	300103	198.040	ug/l	93
17) Carbon Disulfide	4.192	76	300249	42.851	ug/l	100
18) Methyl Acetate	4.472	43	276001	50.014	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	577180	48.138	ug/l	99
20) Methylene Chloride	4.710	84	212566	31.500	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	165041	45.687	ug/l	94
22) Diisopropyl ether	6.118	45	588884	47.905	ug/l	91
23) Vinyl Acetate	6.057	43	1739088	235.345	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	328539	47.119	ug/l	97
25) 2-Butanone	6.984	43	476820	219.686	ug/l	96
26) 2,2-Dichloropropane	6.978	77	284815	40.369	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	214077	46.829	ug/l	95
28) Bromochloromethane	7.332	49	141082	44.885	ug/l	92
29) Tetrahydrofuran	7.344	42	303564	238.501	ug/l	91
30) Chloroform	7.502	83	360040	47.535	ug/l	99
31) Cyclohexane	7.783	56	240039	47.579	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	311680	46.693	ug/l	98
36) 1,1-Dichloropropene	7.917	75	232362	44.365	ug/l	98
37) Ethyl Acetate	7.069	43	198405	47.724	ug/l #	95
38) Carbon Tetrachloride	7.899	117	264899	44.990	ug/l	98
39) Methylcyclohexane	9.179	83	292824	47.014	ug/l	95
40) Benzene	8.161	78	704962	45.711	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	276876	137.045	ug/l	# 17
42) 1,2-Dichloroethane	8.234	62	246480	45.914	ug/l	94
43) Isopropyl Acetate	8.270	43	382342	49.501	ug/l	98
44) Trichloroethene	8.935	130	201241	45.476	ug/l	100
45) 1,2-Dichloropropane	9.215	63	193121	47.117	ug/l	97
46) Dibromomethane	9.301	93	123858	46.909	ug/l	98
47) Bromodichloromethane	9.496	83	291409	47.927	ug/l	100
48) Methyl methacrylate	9.289	41	161468	47.646	ug/l	92
49) 1,4-Dioxane	9.295	88	46982	956.621	ug/l	# 49
51) 4-Methyl-2-Pentanone	10.069	43	1040277	238.995	ug/l	92
52) Toluene	10.240	92	459599	46.310	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	298832	47.194	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	322809	47.187	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	196428	51.186	ug/l	98
56) Ethyl methacrylate	10.508	69	275793	50.190	ug/l	# 90
57) 1,3-Dichloropropane	10.788	76	301126	47.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	866608	333.541	ug/l	93
59) 2-Hexanone	10.831	43	765701	238.134	ug/l	92
60) Dibromochloromethane	10.983	129	218113	47.734	ug/l	99
61) 1,2-Dibromoethane	11.087	107	176044	48.061	ug/l	100
64) Tetrachloroethene	10.721	164	208367	46.892	ug/l	98
65) Chlorobenzene	11.514	112	523529	46.706	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	207175	47.168	ug/l	98
67) Ethyl Benzene	11.593	91	1018061	51.753	ug/l	98
68) m/p-Xylenes	11.697	106	816683	108.524	ug/l	97
69) o-Xylene	12.026	106	347349	47.171	ug/l	98
70) Styrene	12.044	104	596949	47.436	ug/l	98
71) Bromoform	12.209	173	147216	48.627	ug/l	# 99
73) Isopropylbenzene	12.331	105	959496	48.542	ug/l	100
74) N-amyl acetate	12.142	43	342223	50.675	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	234715	48.591	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	304870	86.528	ug/l	# 100
77) Bromobenzene	12.605	156	223372	46.589	ug/l	95
78) n-propylbenzene	12.672	91	1302019	55.074	ug/l	99
79) 2-Chlorotoluene	12.757	91	741825	55.057	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	1124773	69.052	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	76074	47.566	ug/l	96
82) 4-Chlorotoluene	12.855	91	661969	47.525	ug/l	100
83) tert-Butylbenzene	13.075	119	701293	47.064	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	2137410	130.971	ug/l	98
85) sec-Butylbenzene	13.251	105	1041128	47.606	ug/l	98
86) p-Isopropyltoluene	13.367	119	855854	47.278	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	439269	46.807	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	437617	46.758	ug/l	99
89) n-Butylbenzene	13.696	91	896811	52.726	ug/l	92
90) Hexachloroethane	13.958	117	191915	54.592	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	412585	47.635	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	45779	48.539	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	266198	48.029	ug/l	94
94) Hexachlorobutadiene	15.111	225	140889	46.878	ug/l	98
95) Naphthalene	15.233	128	886710	67.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	245110	48.858	ug/l	95

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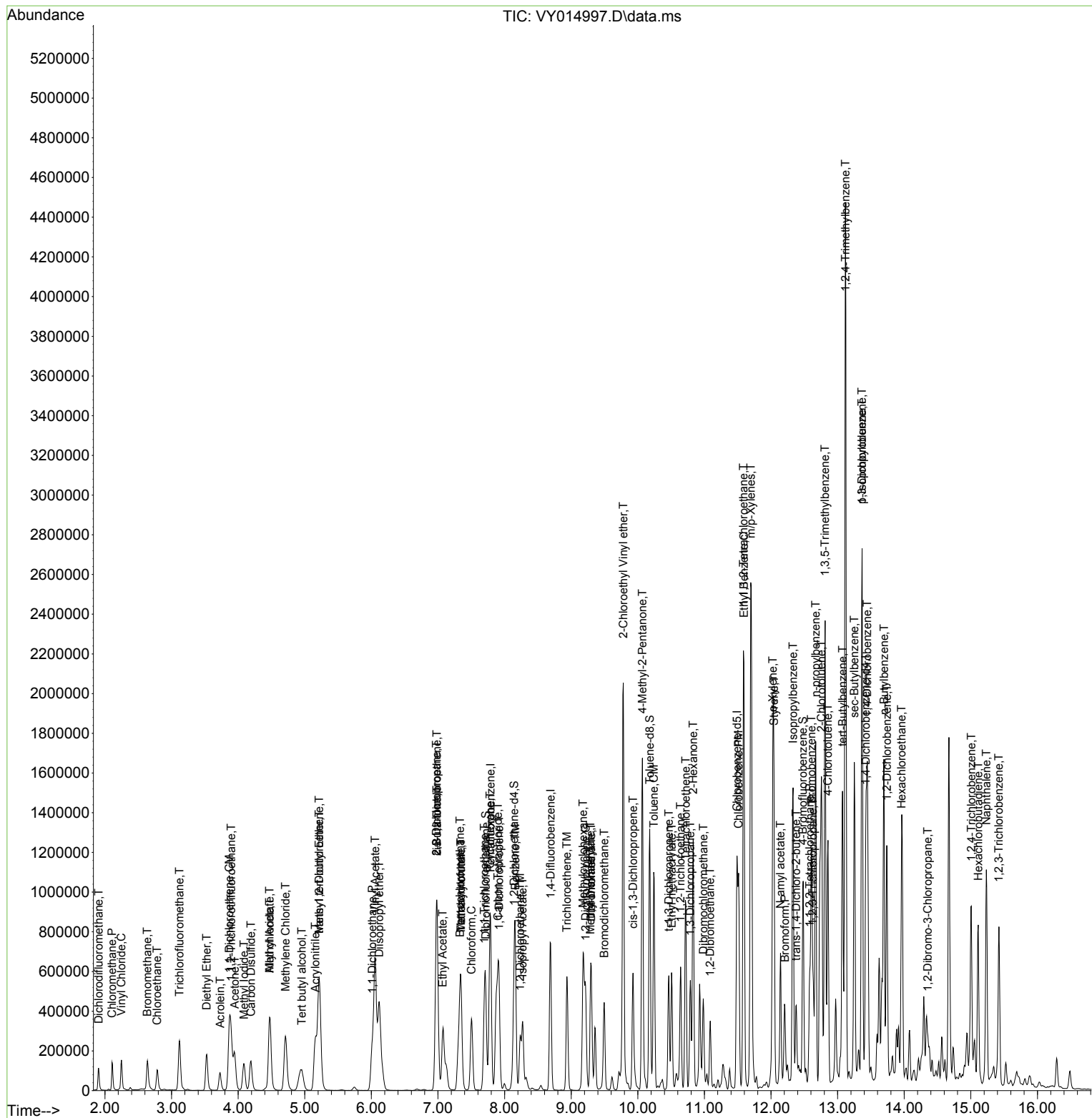
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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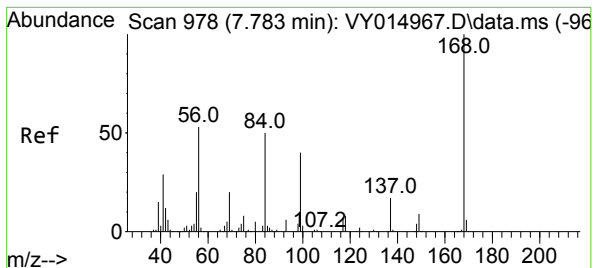
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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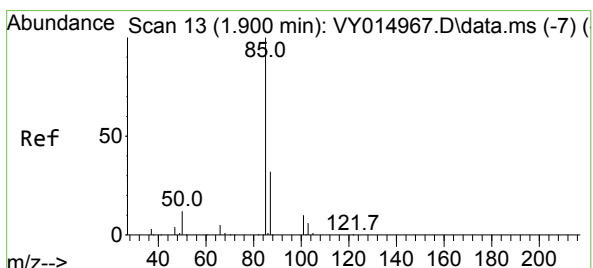
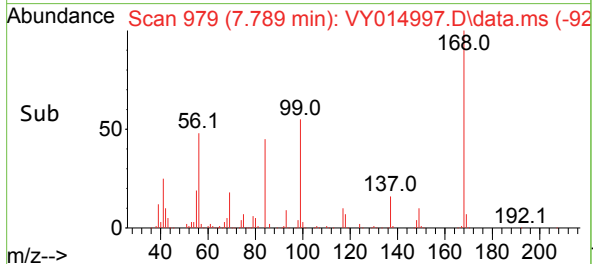
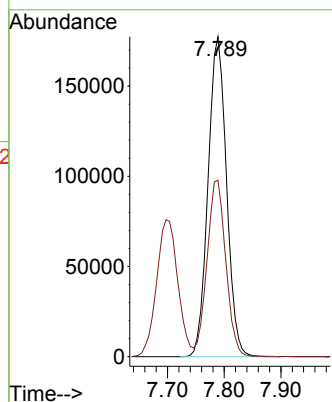
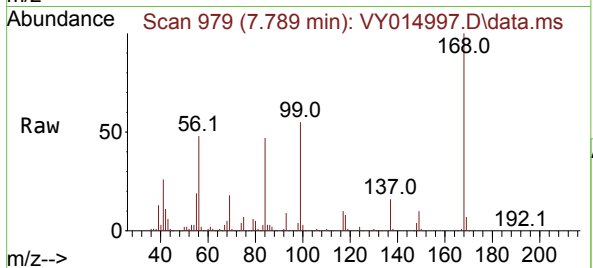




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014997.D
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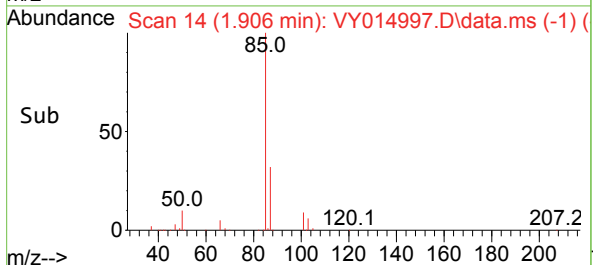
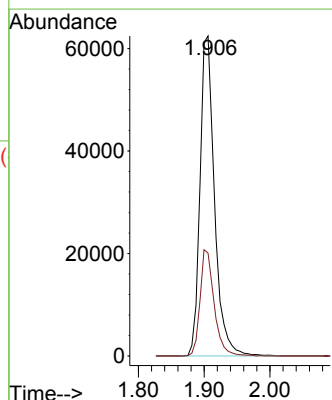
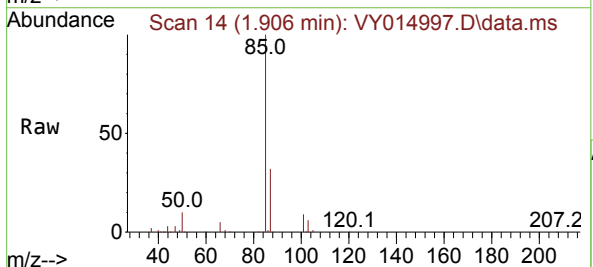
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

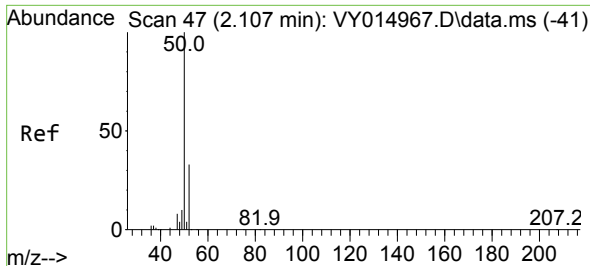
Tgt Ion:168 Resp: 400946
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.576 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 85 Resp: 95847
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8

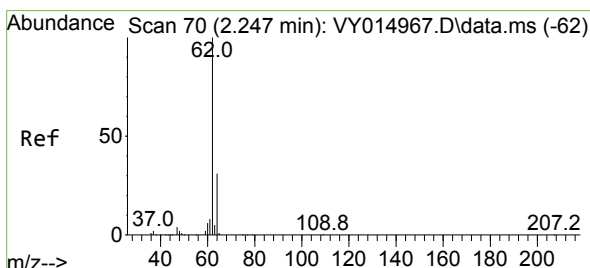
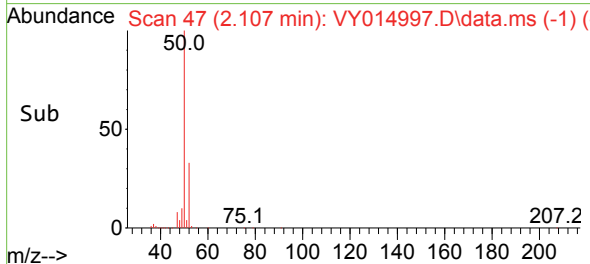
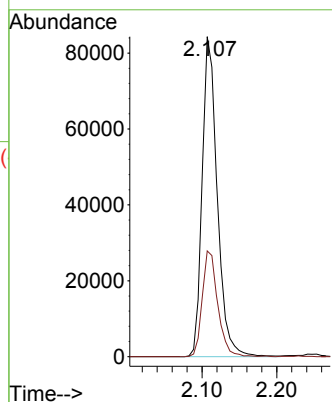
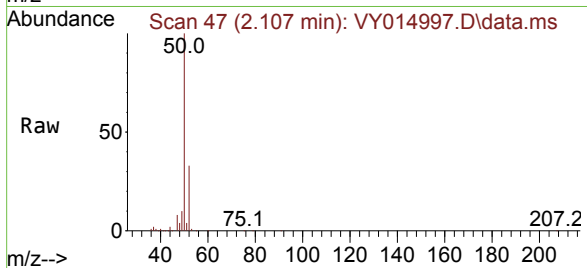




#3
Chloromethane
Concen: 37.500 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

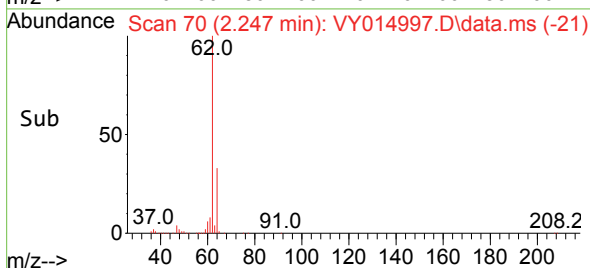
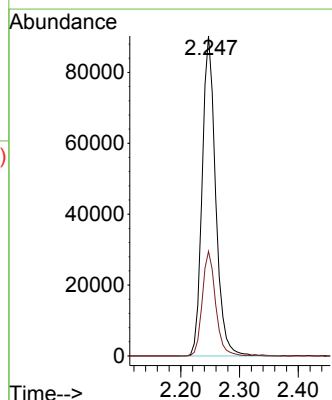
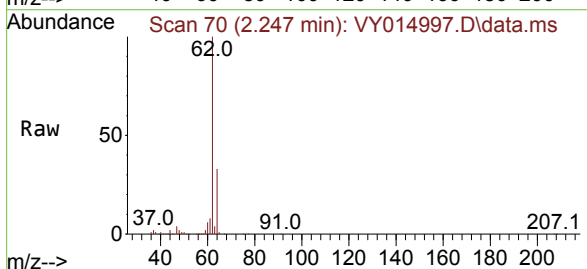
Instrument :
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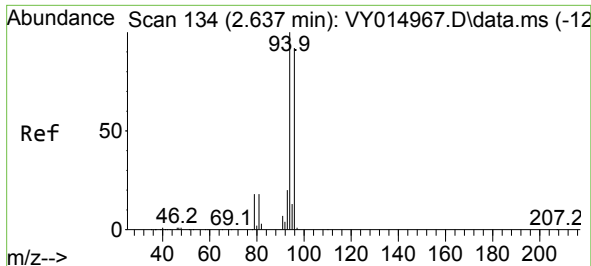
Tgt Ion: 50 Resp: 118328
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 37.101 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 62 Resp: 144256
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5

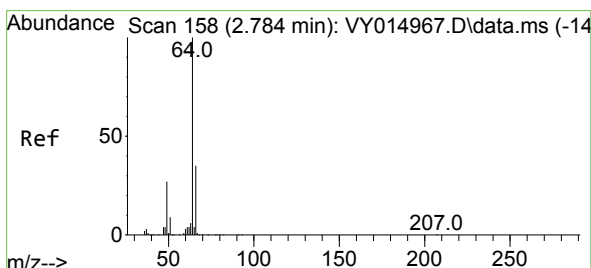
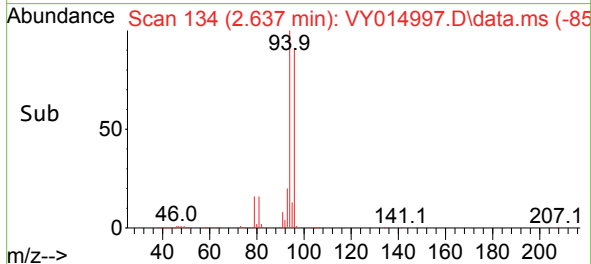
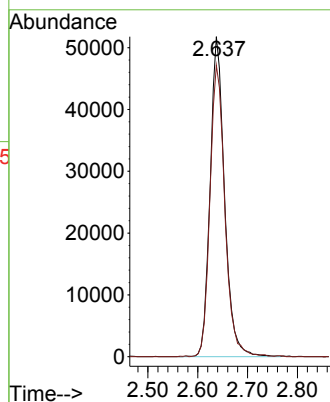
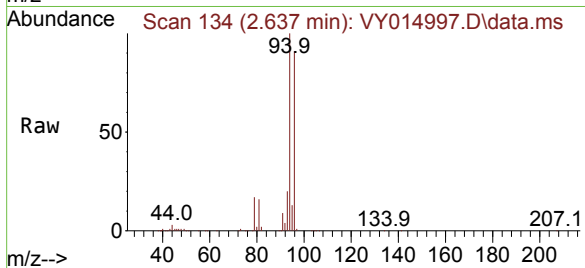




#5
Bromomethane
Concen: 41.119 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014997.D
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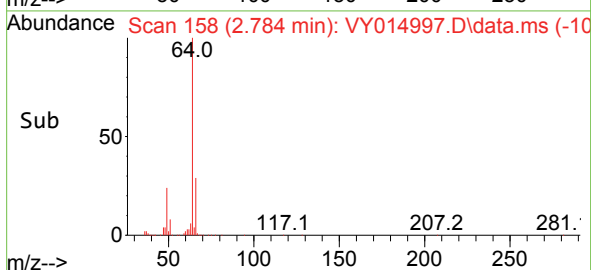
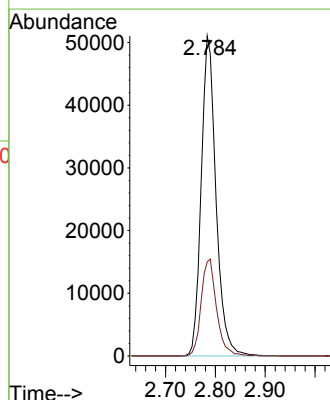
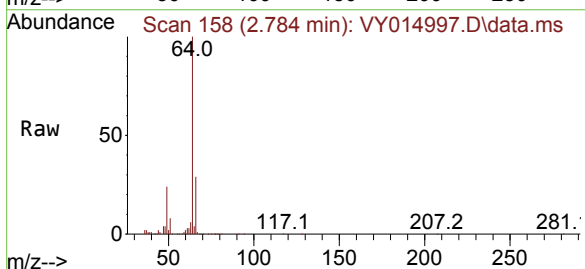
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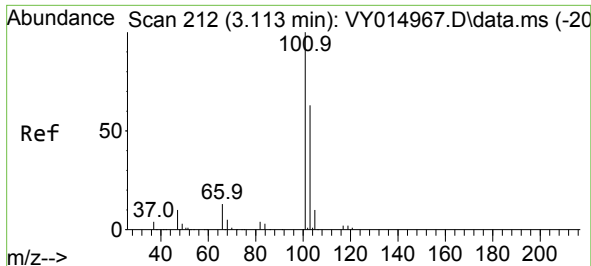
Tgt Ion: 94 Resp: 104246
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.6



#6
Chloroethane
Concen: 39.105 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY014997.D
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Tgt Ion: 64 Resp: 104979
Ion Ratio Lower Upper
64 100
66 29.4 24.4 36.6

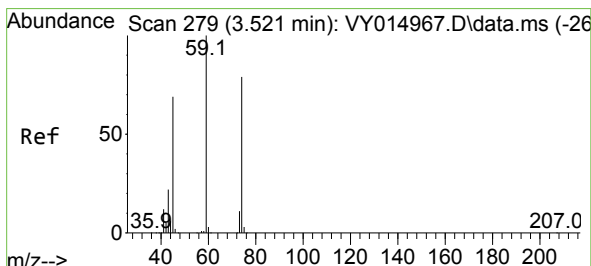
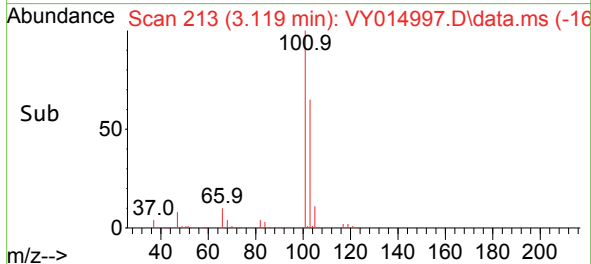
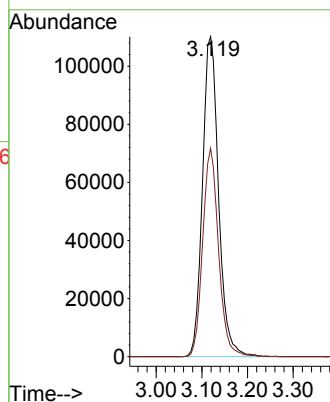
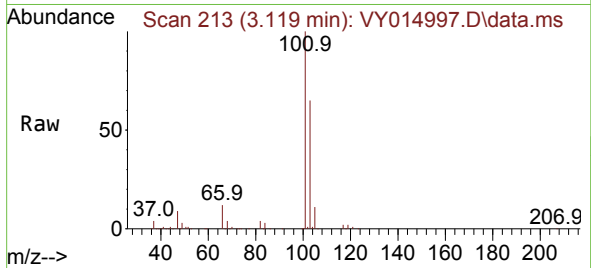




#7
 Trichlorofluoromethane
 Concen: 43.645 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014997.D
 Acq: 08 Aug 2023 19:54

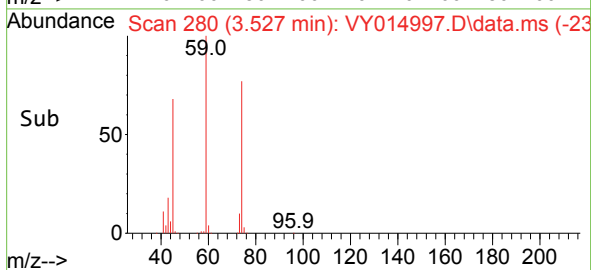
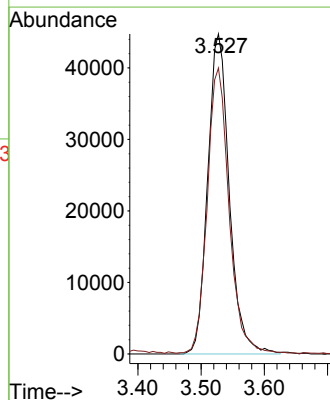
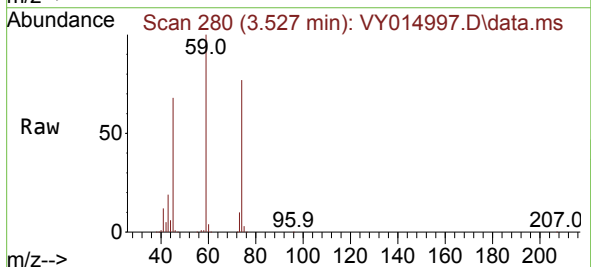
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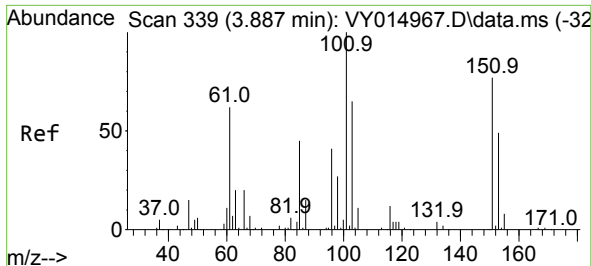
Tgt Ion:101 Resp: 268165
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.866 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY014997.D
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Tgt Ion: 74 Resp: 106259
 Ion Ratio Lower Upper
 74 100
 45 91.1 51.5 154.5

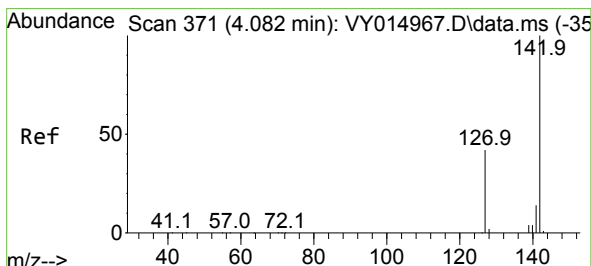
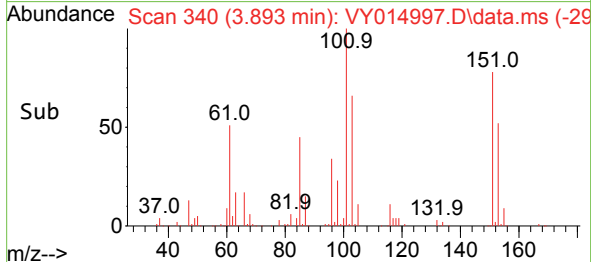
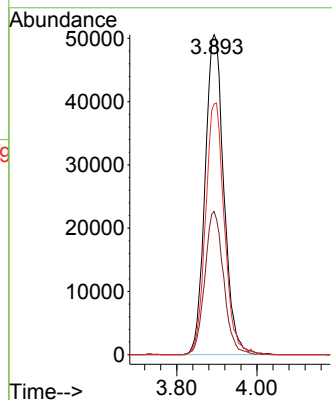
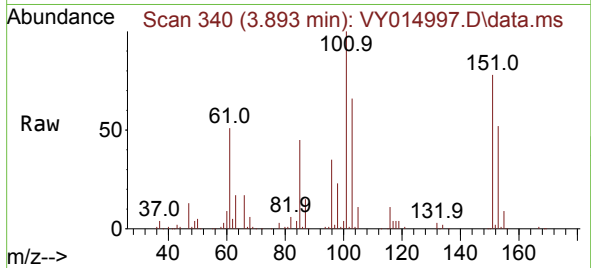




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.323 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

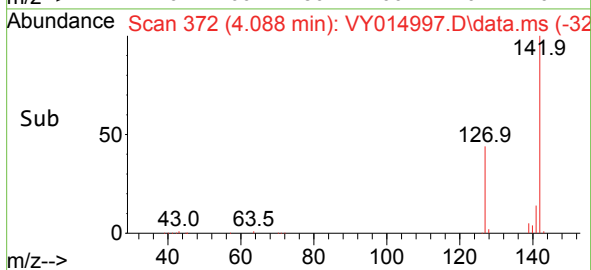
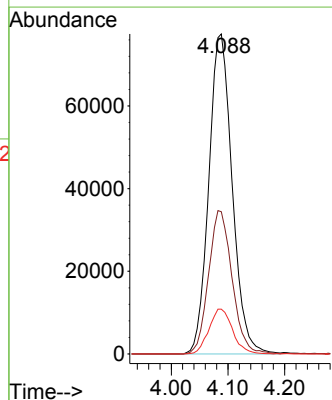
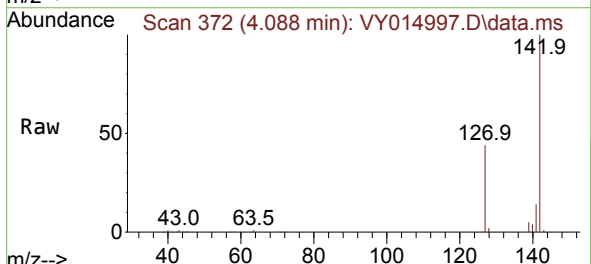
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

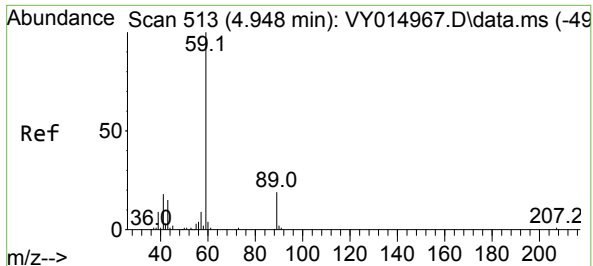
Tgt Ion:101 Resp: 164852
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 59.081 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion:142 Resp: 222174
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.2 11.8 17.8

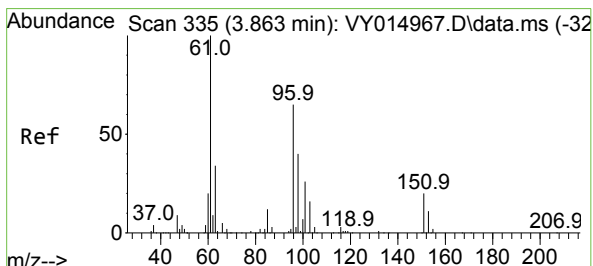
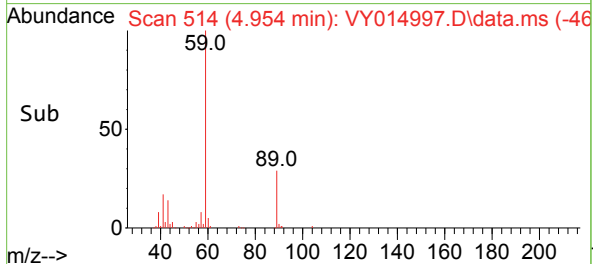
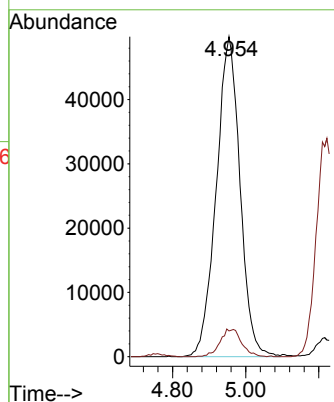
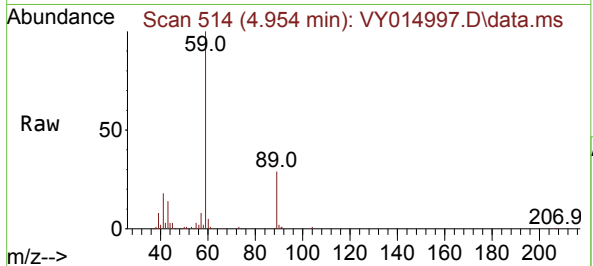




#11
Tert butyl alcohol
Concen: 191.445 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

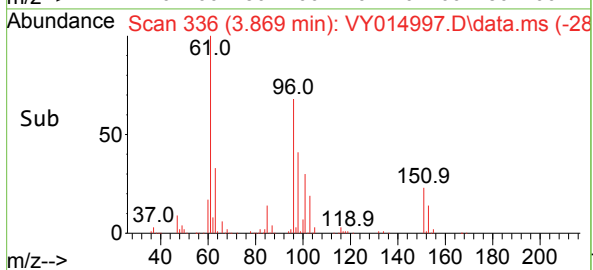
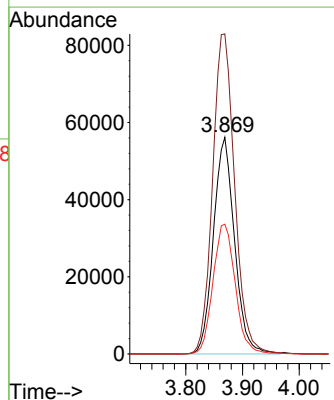
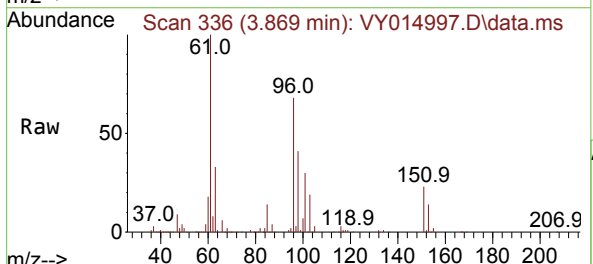
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

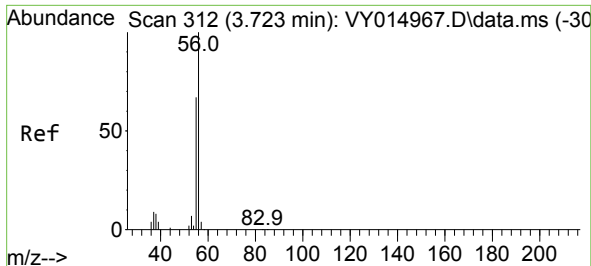
Tgt Ion: 59 Resp: 224531
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 45.883 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 96 Resp: 145410
Ion Ratio Lower Upper
96 100
61 147.7 136.4 204.6
98 59.9 49.4 74.2





#13

Acrolein

Concen: 265.467 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

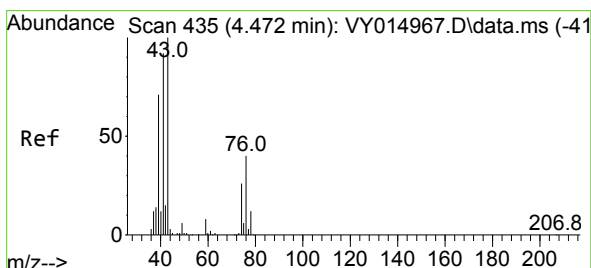
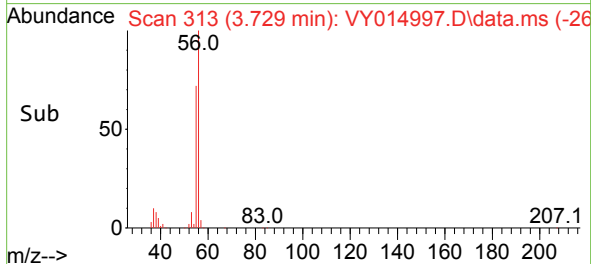
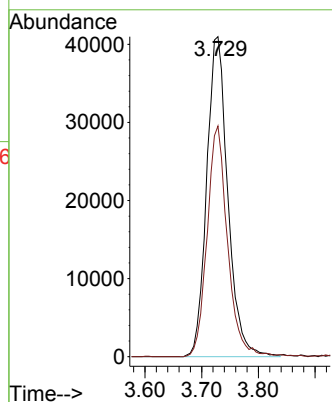
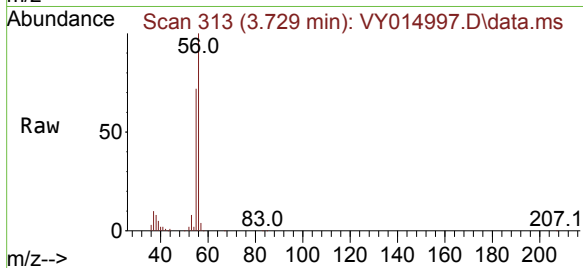
VSTDCCC050EC

Tgt Ion: 56 Resp: 105916

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.4



#14

Allyl chloride

Concen: 47.654 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

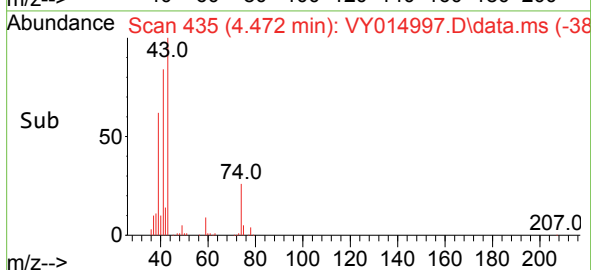
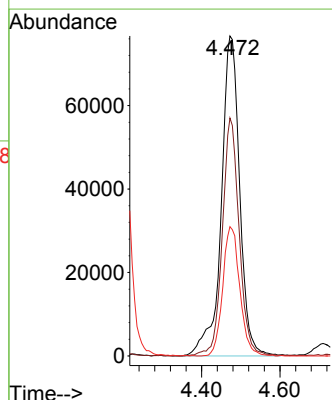
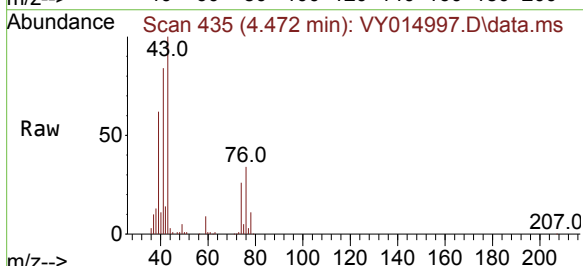
Tgt Ion: 41 Resp: 251493

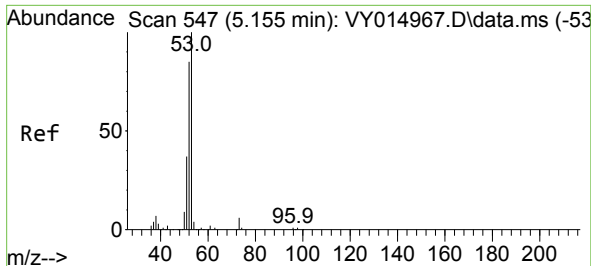
Ion Ratio Lower Upper

41 100

39 67.9 58.0 87.0

76 37.4 27.4 41.2

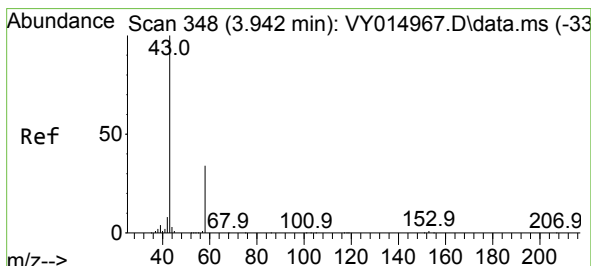
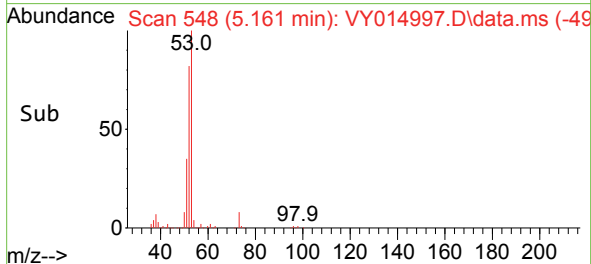
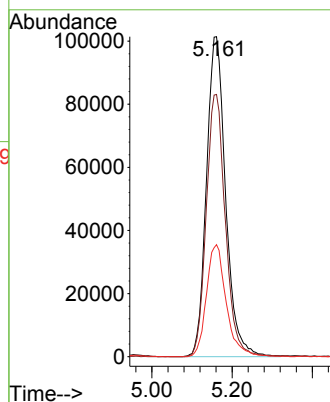
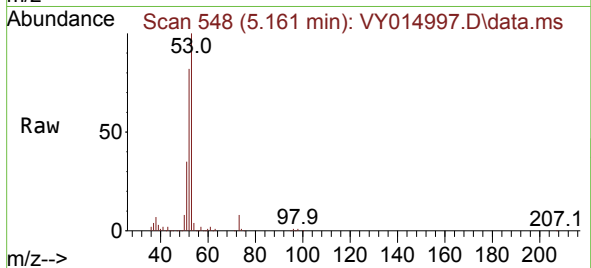




#15
Acrylonitrile
Concen: 243.431 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

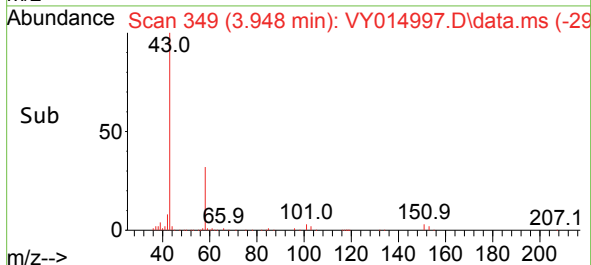
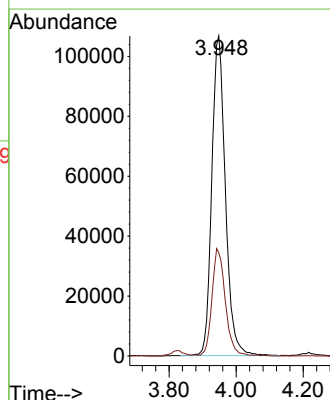
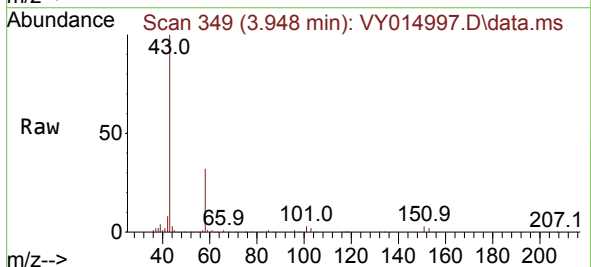
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

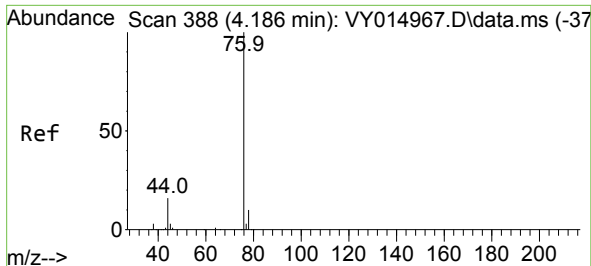
Tgt Ion: 53 Resp: 337186
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 198.040 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 43 Resp: 300103
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1

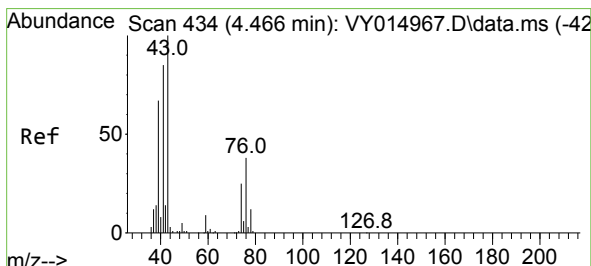
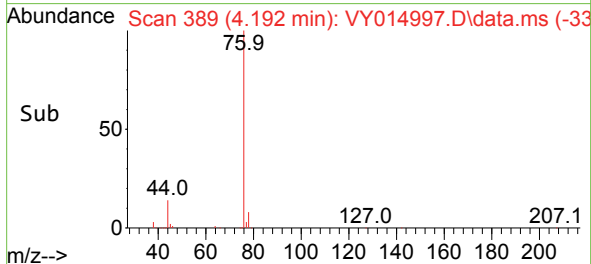
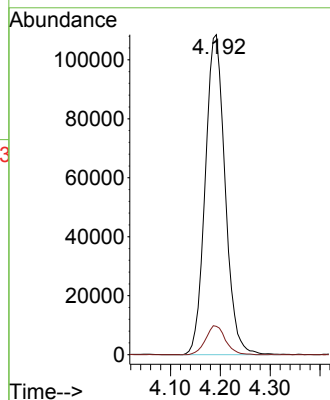
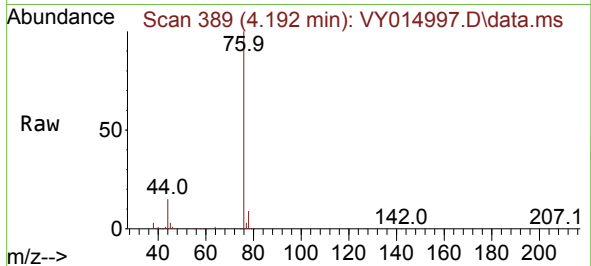




#17
Carbon Disulfide
Concen: 42.851 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

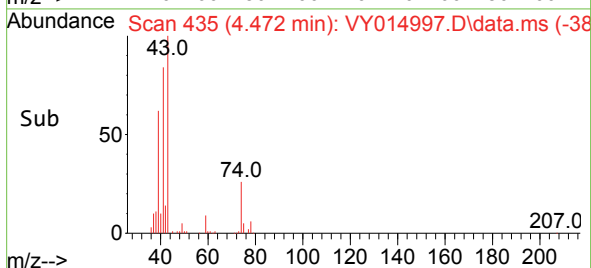
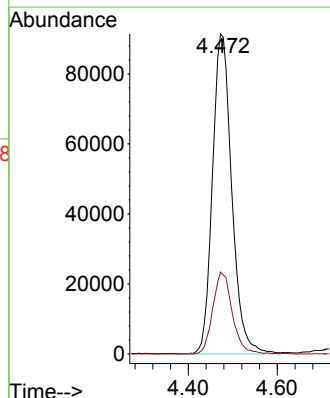
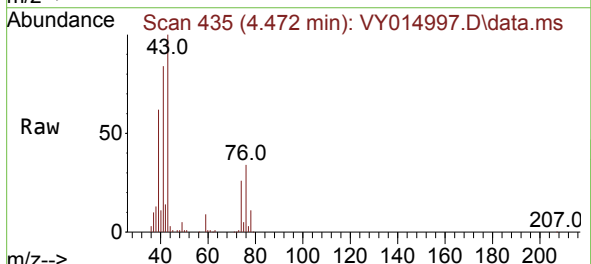
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

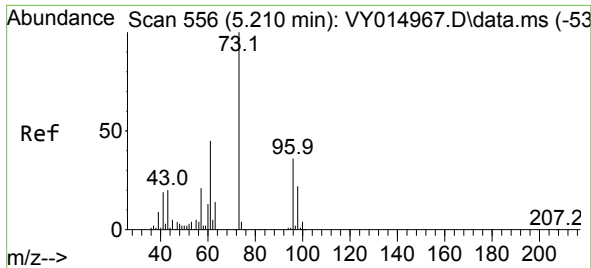
Tgt Ion: 76 Resp: 300249
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 50.014 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 43 Resp: 276001
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

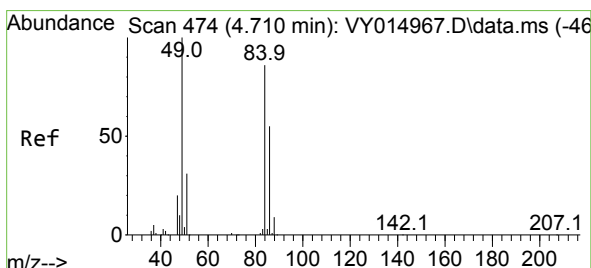
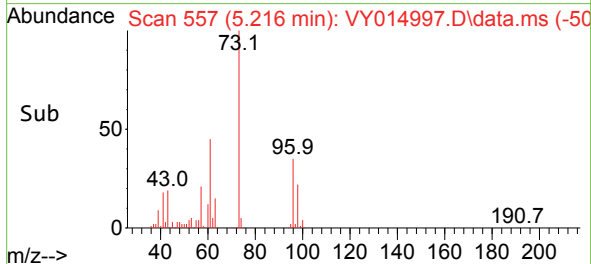
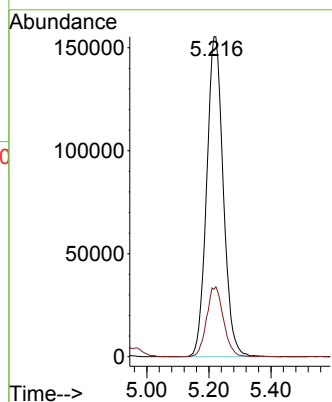
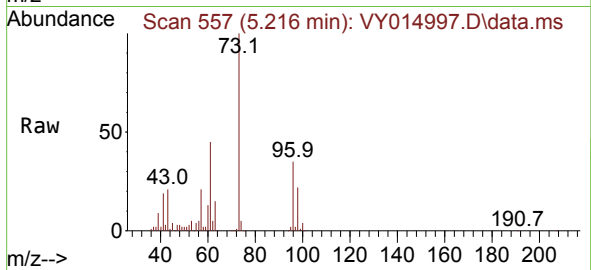




#19
Methyl tert-butyl Ether
Concen: 48.138 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

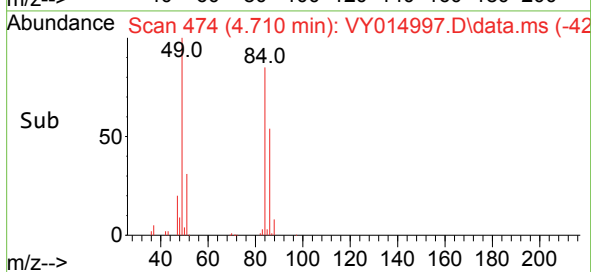
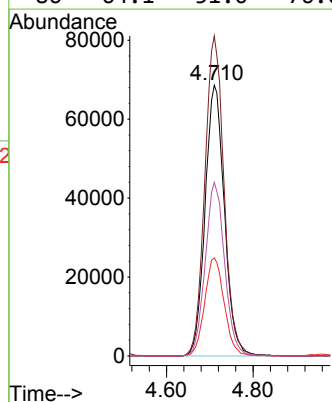
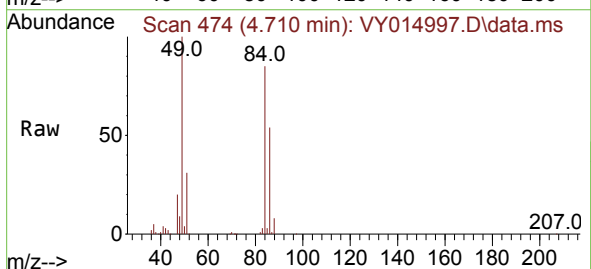
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

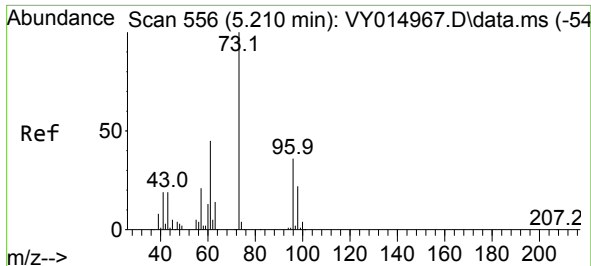
Tgt Ion: 73 Resp: 577180
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 31.500 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 84 Resp: 212566
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 36.2 33.2 49.8
86 64.1 51.0 76.6

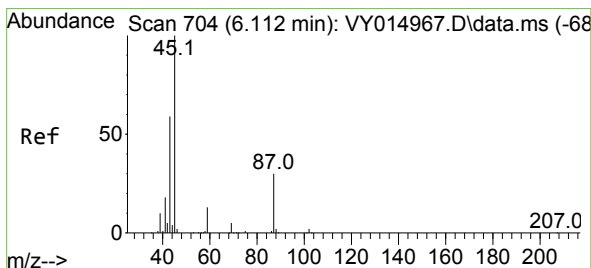
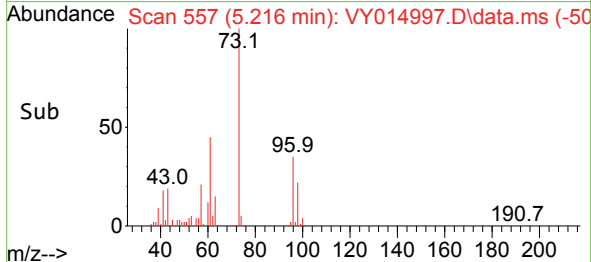
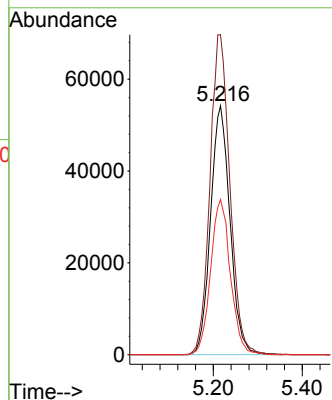
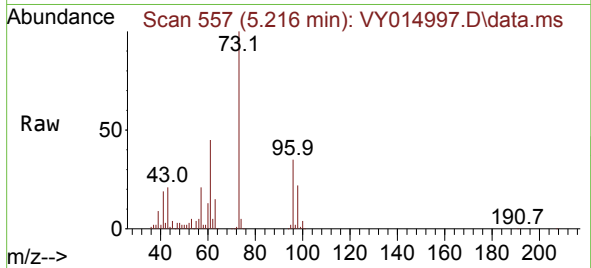




#21
trans-1,2-Dichloroethene
Concen: 45.687 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

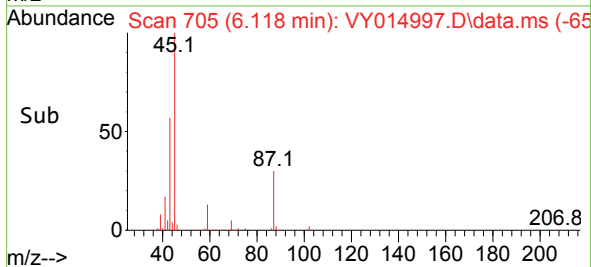
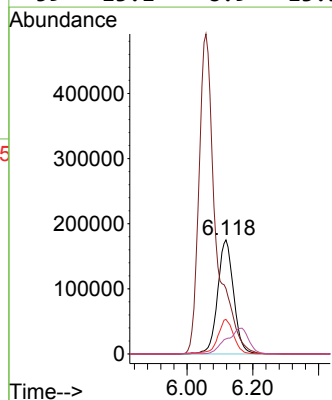
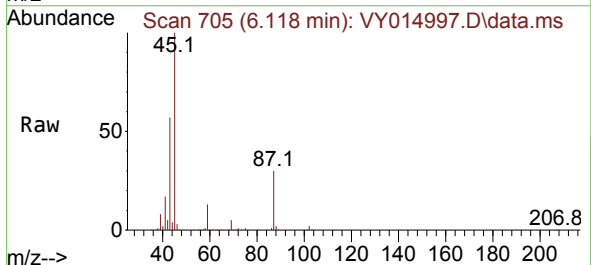
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

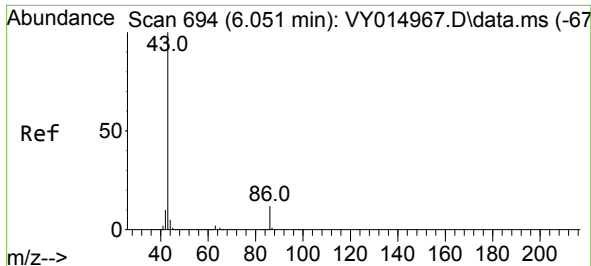
Tgt Ion: 96 Resp: 165041
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 62.3 51.8 77.6



#22
Diisopropyl ether
Concen: 47.905 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 45 Resp: 588884
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 30.2 21.0 31.6
59 13.1 8.9 13.3

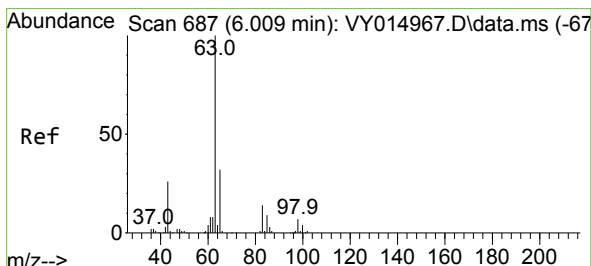
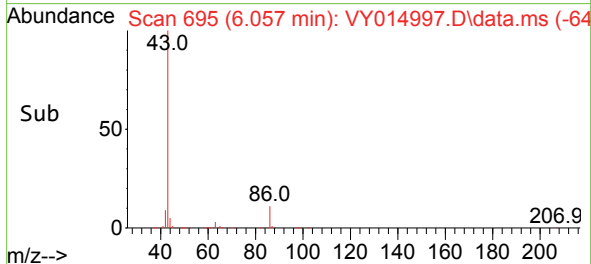
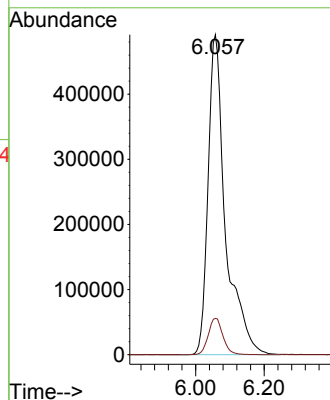
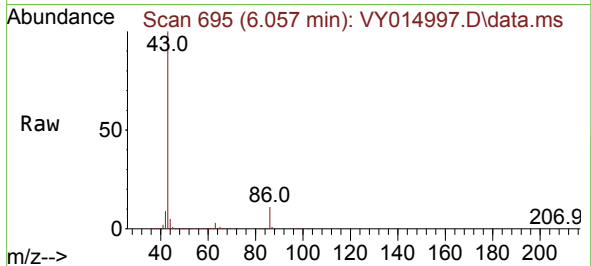




#23
 Vinyl Acetate
 Concen: 235.345 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014997.D
 Acq: 08 Aug 2023 19:54

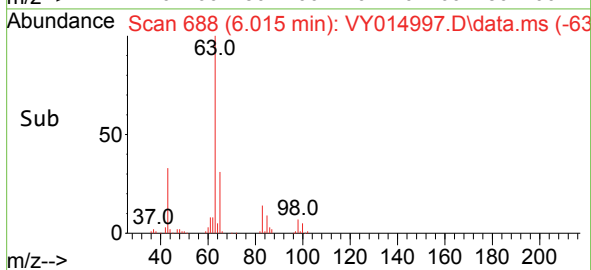
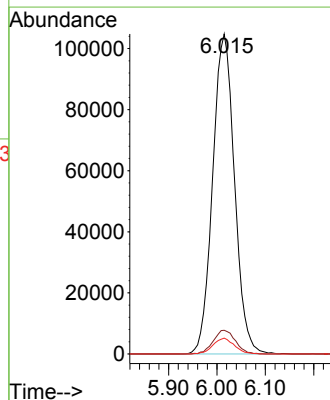
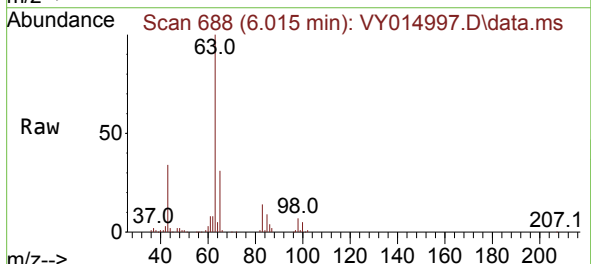
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

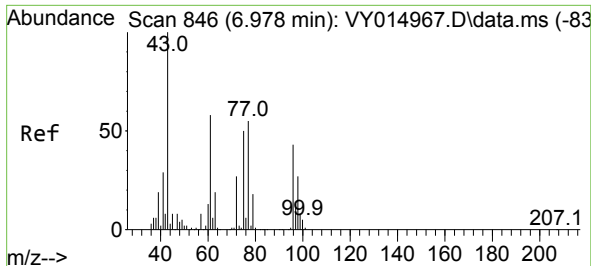
Tgt Ion: 43 Resp: 1739088
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 47.119 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014997.D
 Acq: 08 Aug 2023 19:54

Tgt Ion: 63 Resp: 328539
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.9 1.8 5.5

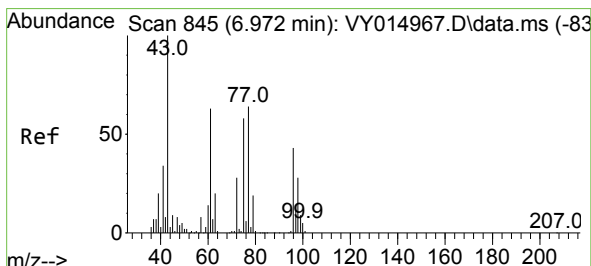
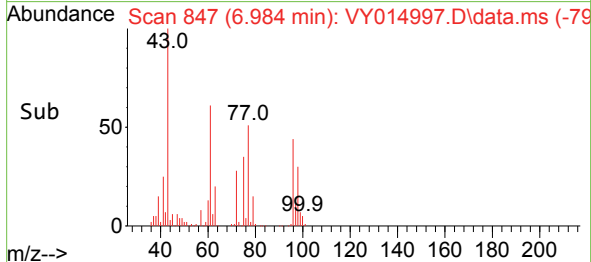
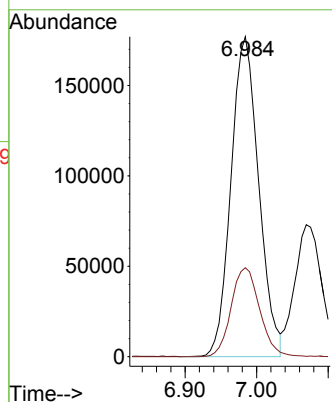
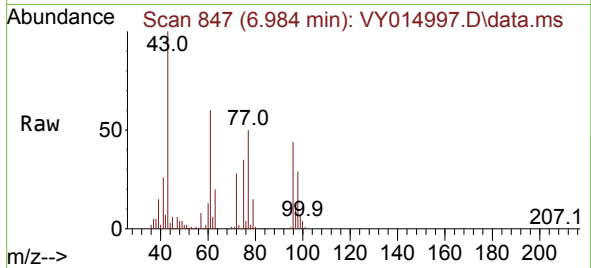




#25
2-Butanone
Concen: 219.686 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

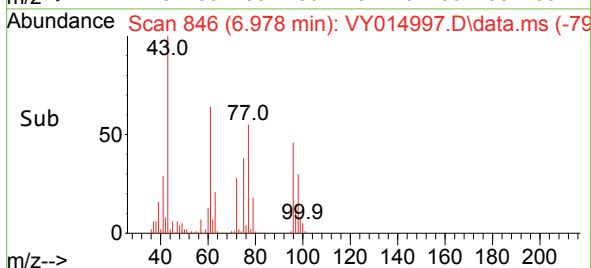
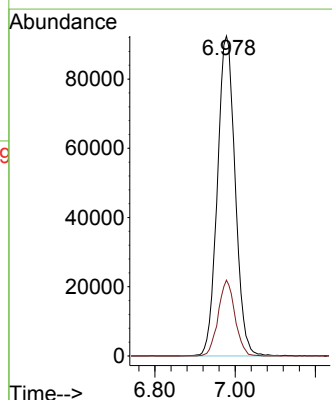
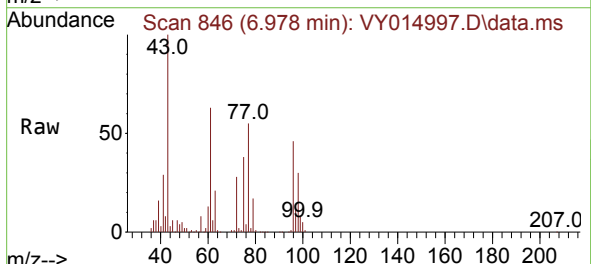
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

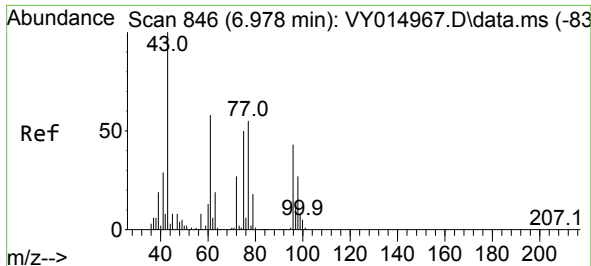
Tgt Ion: 43 Resp: 476820
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 40.369 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 77 Resp: 284815
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.829 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014997.D

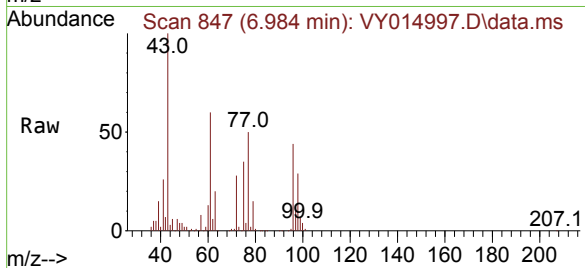
Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



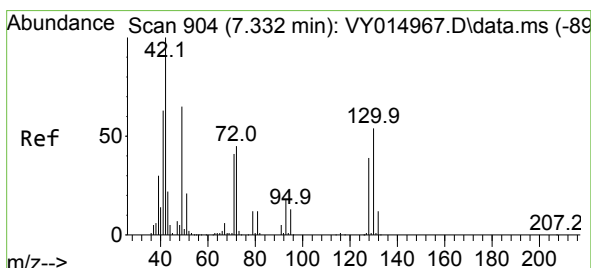
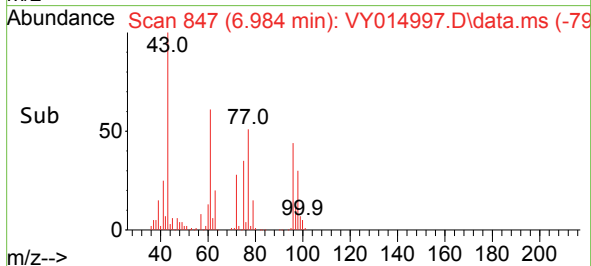
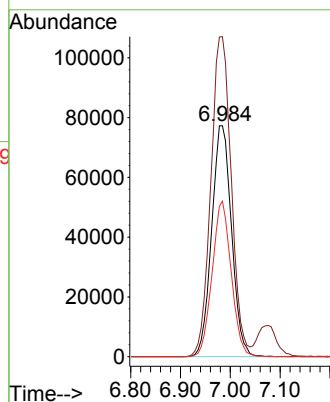
Tgt Ion: 96 Resp: 214077

Ion Ratio Lower Upper

96 100

61 142.1 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 44.885 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

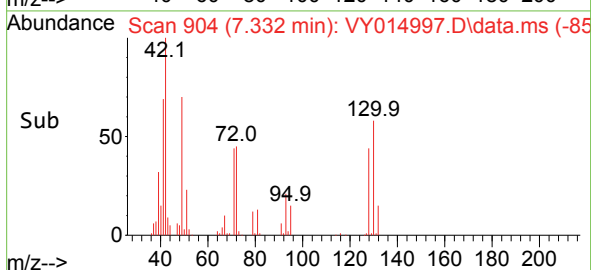
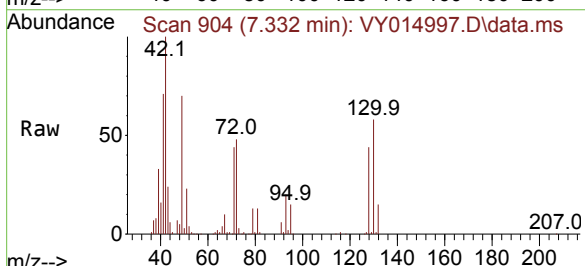
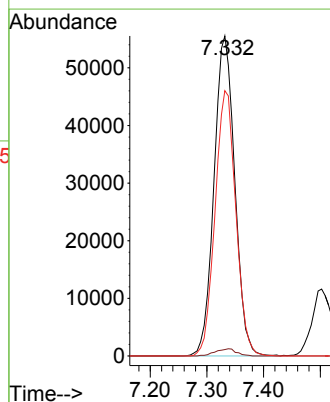
Tgt Ion: 49 Resp: 141082

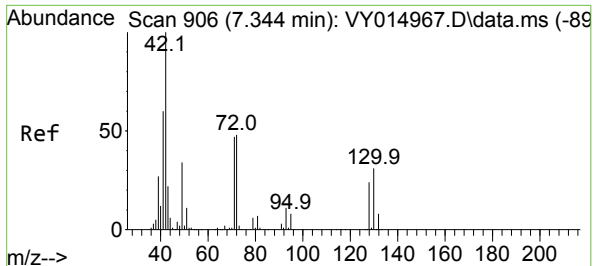
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 83.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 238.501 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

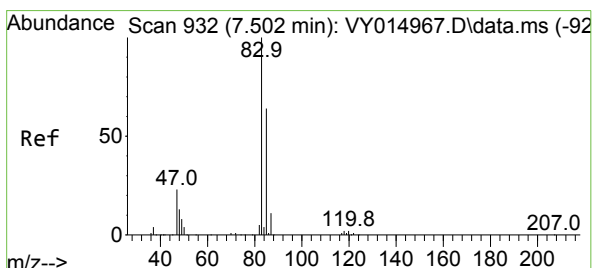
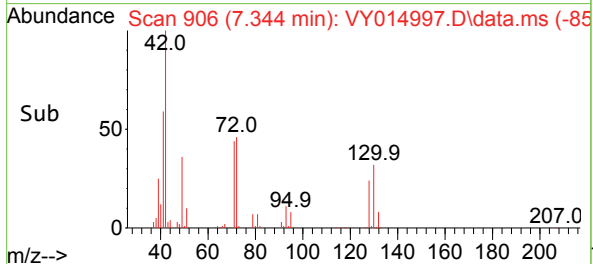
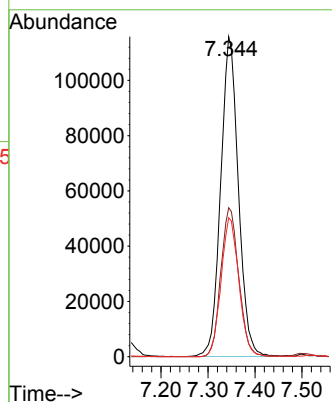
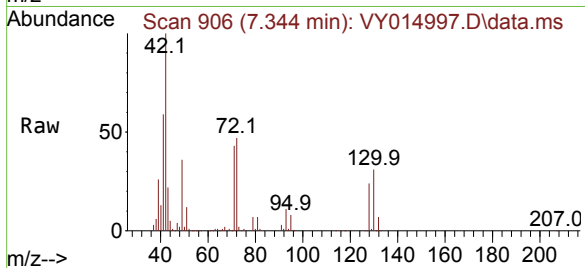
Tgt Ion: 42 Resp: 303564

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 47.535 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014997.D

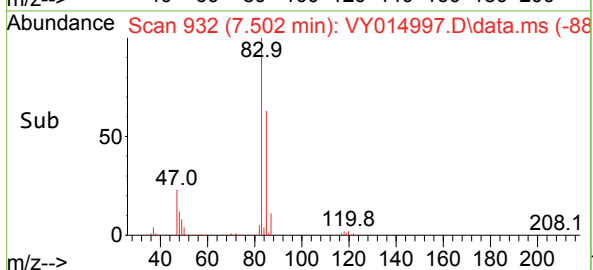
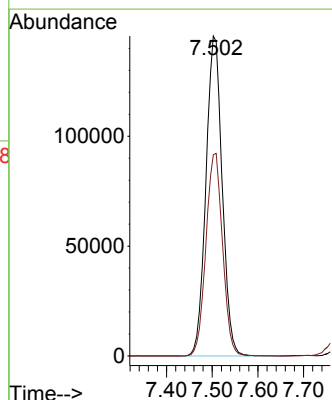
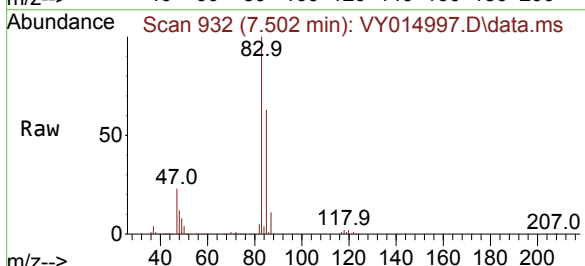
Acq: 08 Aug 2023 19:54

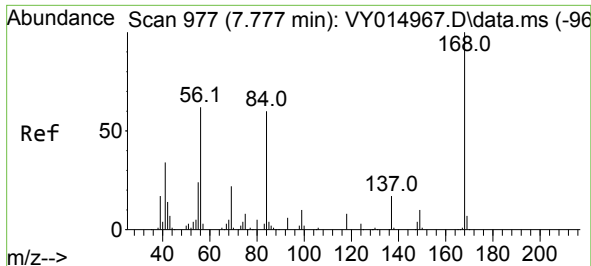
Tgt Ion: 83 Resp: 360040

Ion Ratio Lower Upper

83 100

85 62.9 49.7 74.5

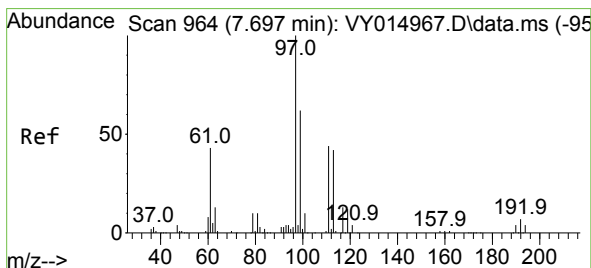
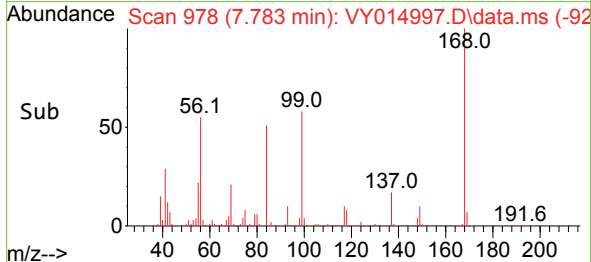
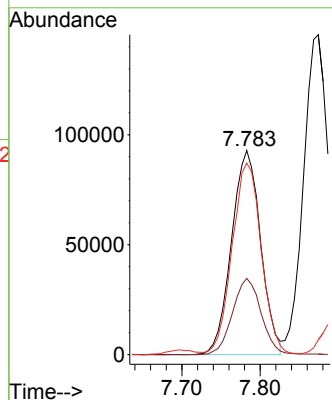
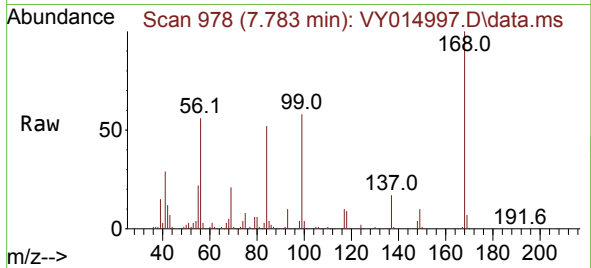




#31
Cyclohexane
Concen: 47.579 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

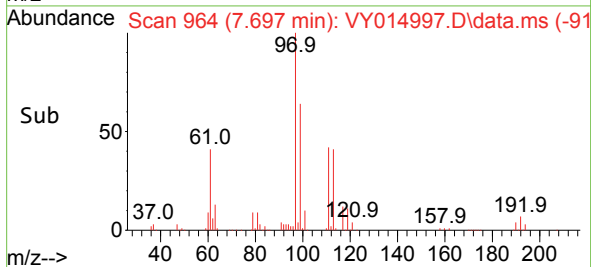
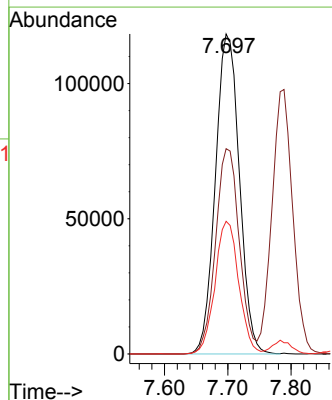
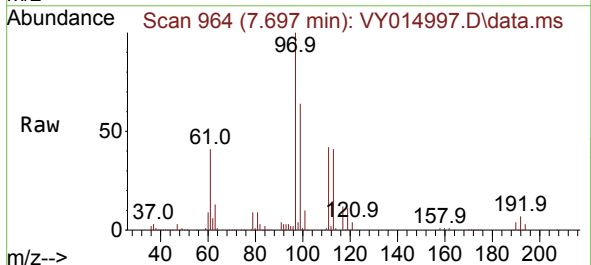
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

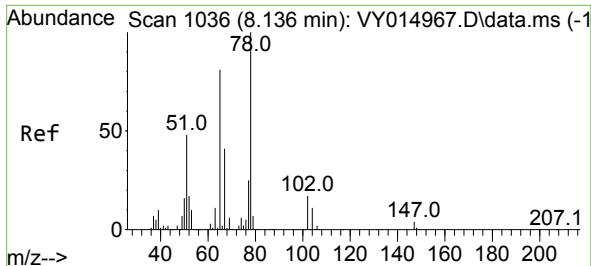
Tgt Ion: 56 Resp: 240039
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.6
84 91.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.693 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 97 Resp: 311680
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.0 35.1 52.7

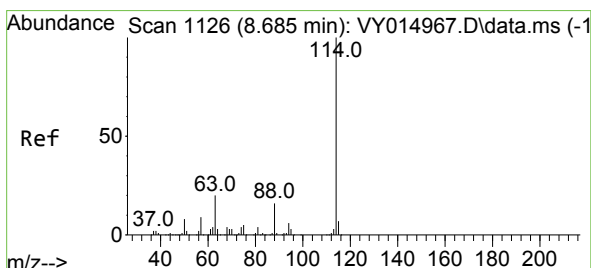
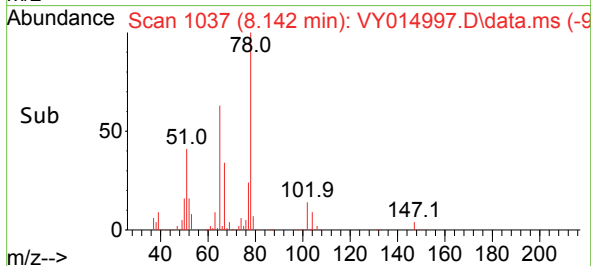
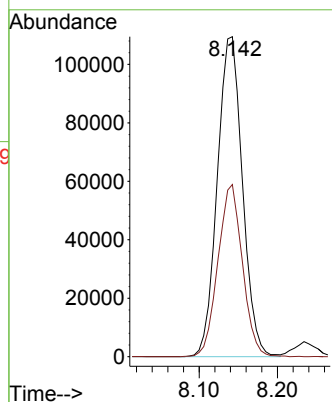
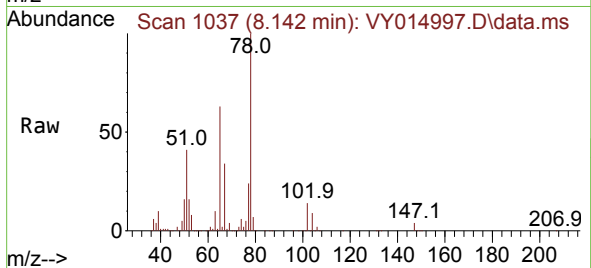




#33
1,2-Dichloroethane-d4
Concen: 50.303 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

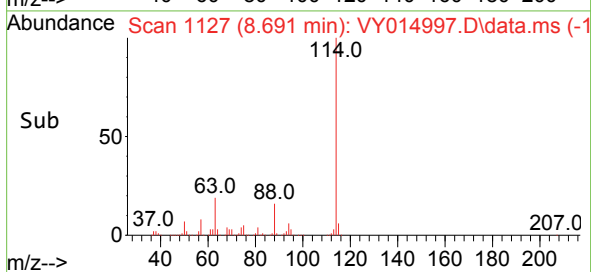
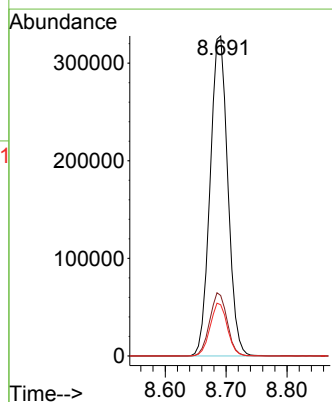
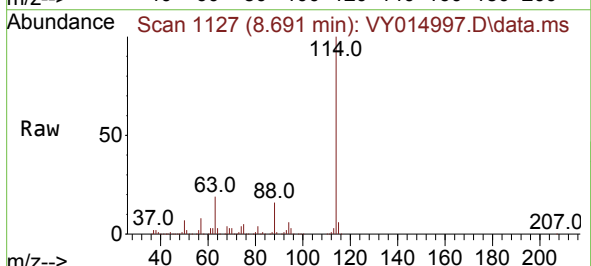
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

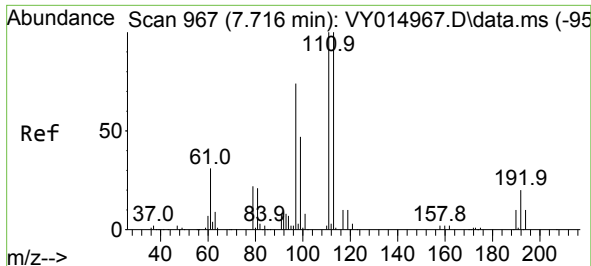
Tgt Ion: 65 Resp: 244453
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 114 Resp: 659692
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 16.0 0.0 30.6

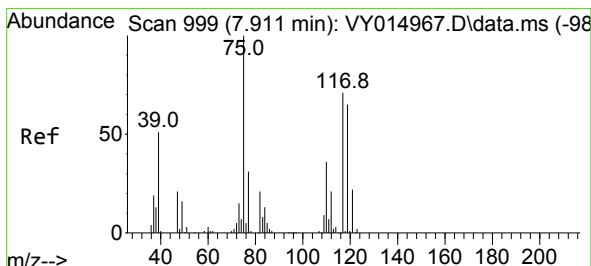
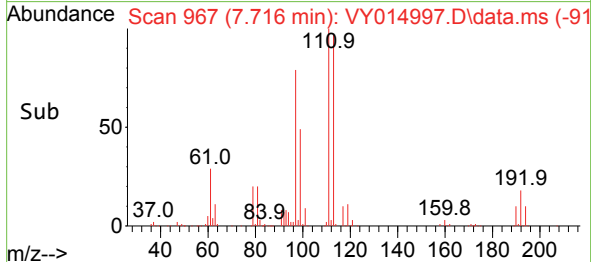
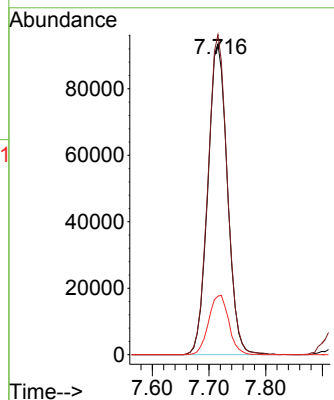
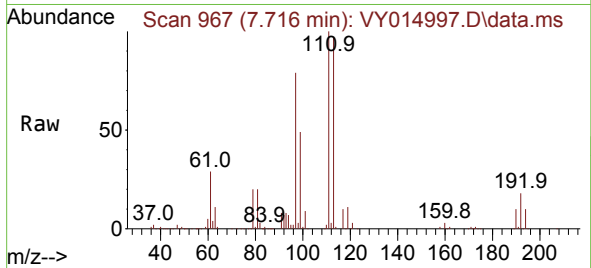




#35
Dibromofluoromethane
Concen: 53.052 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

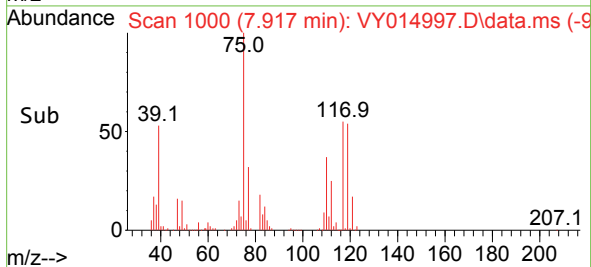
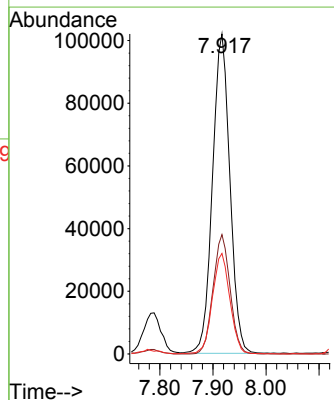
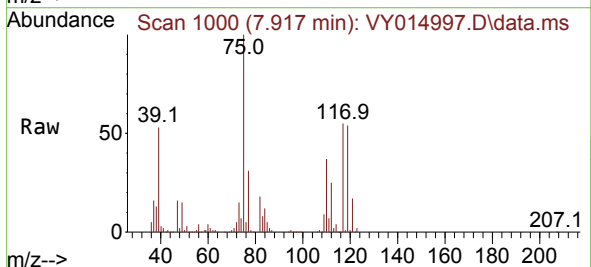
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

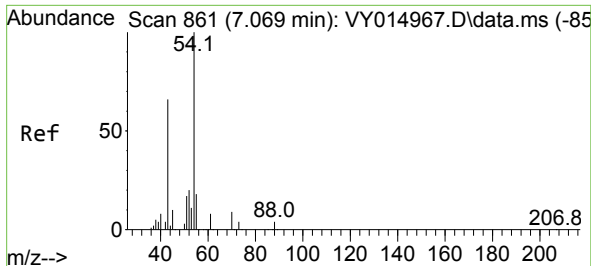
Tgt Ion:113 Resp: 223806
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.365 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 75 Resp: 232362
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 47.724 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

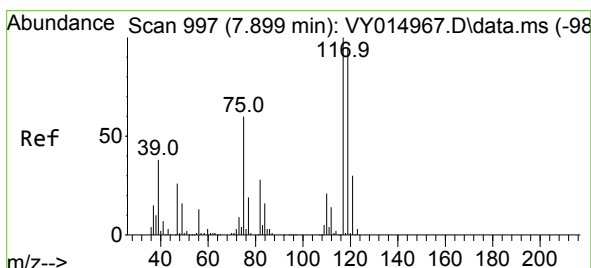
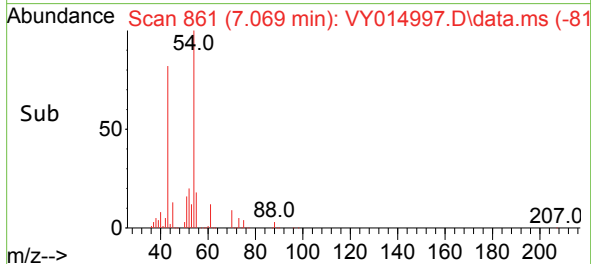
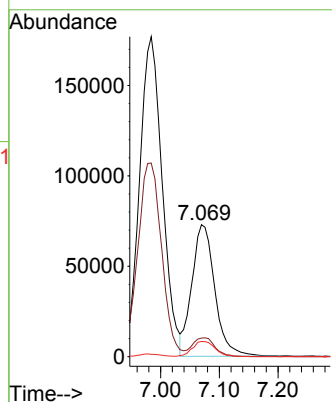
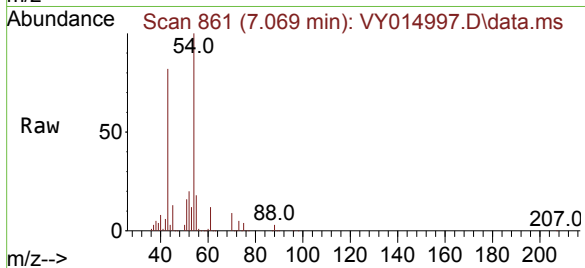
Tgt Ion: 43 Resp: 198405

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 11.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 44.990 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

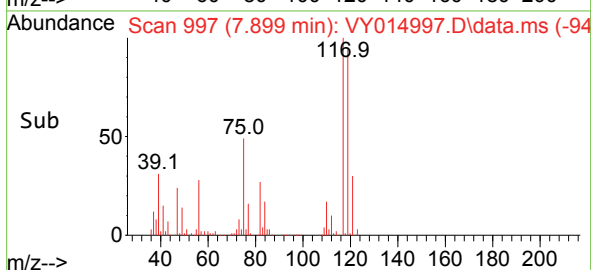
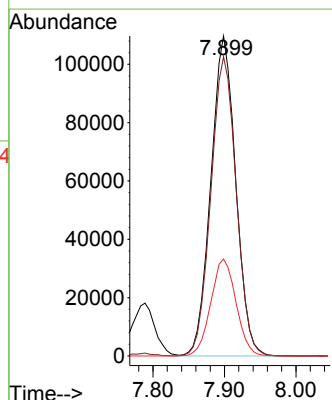
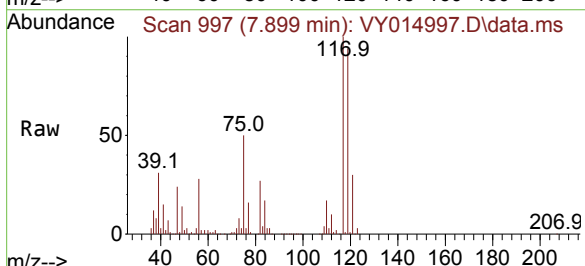
Tgt Ion: 117 Resp: 264899

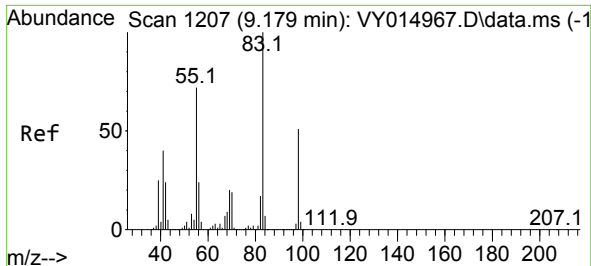
Ion Ratio Lower Upper

117 100

119 93.4 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 47.014 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

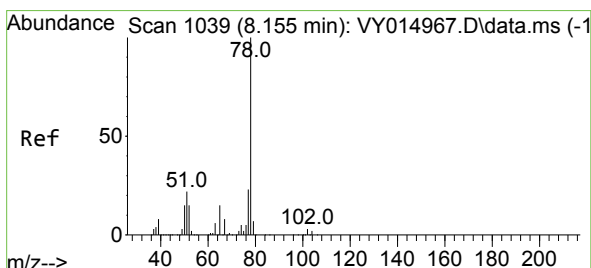
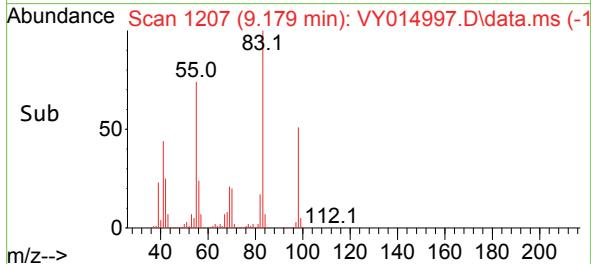
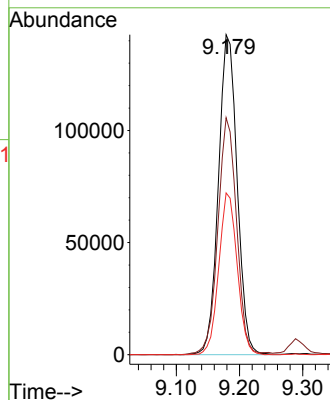
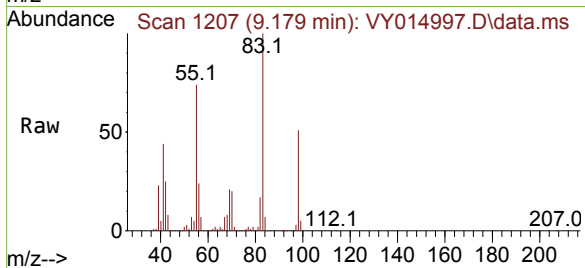
Tgt Ion: 83 Resp: 292824

Ion Ratio Lower Upper

83 100

55 74.1 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 45.711 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014997.D

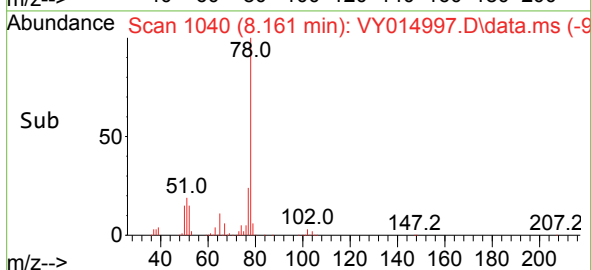
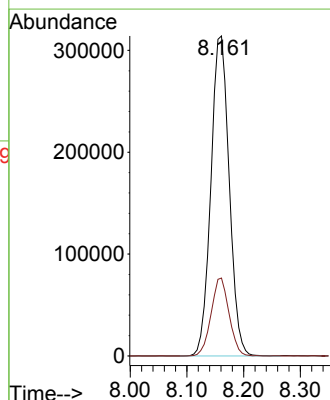
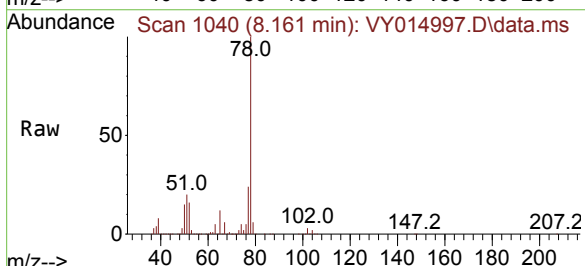
Acq: 08 Aug 2023 19:54

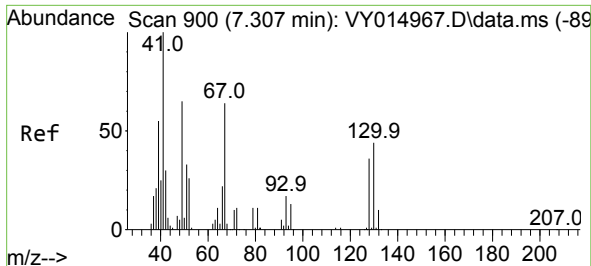
Tgt Ion: 78 Resp: 704962

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

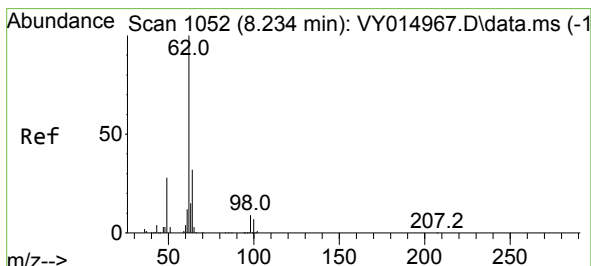
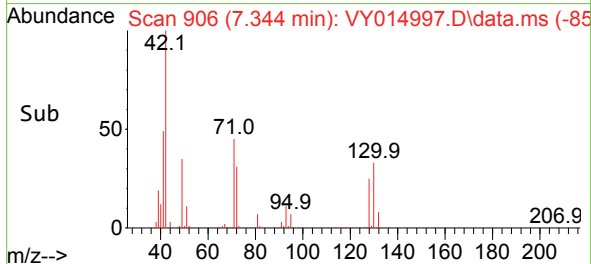
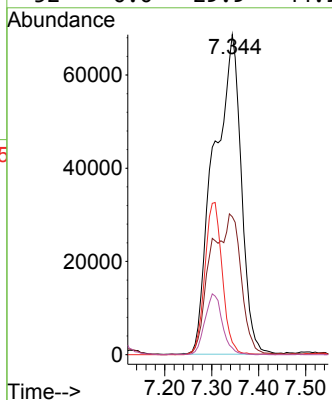
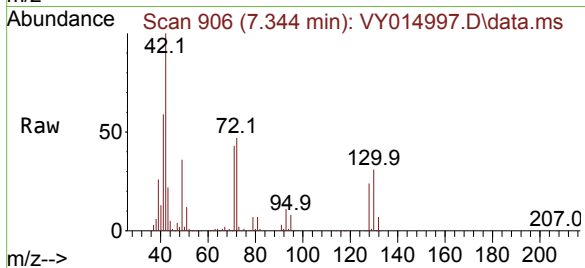




#41
Methacrylonitrile
Concen: 137.045 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

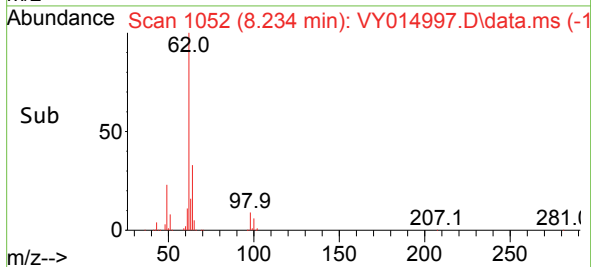
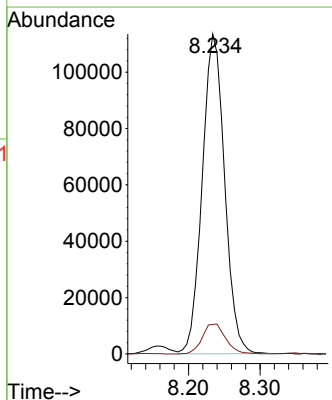
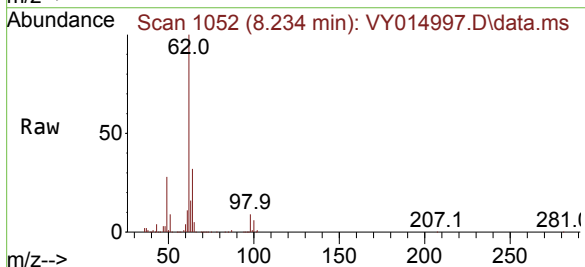
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

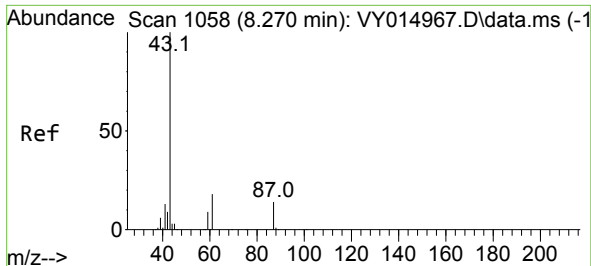
Tgt Ion: 41 Resp: 276876
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 45.914 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 62 Resp: 246480
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8

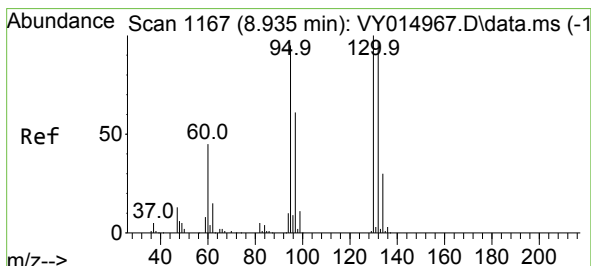
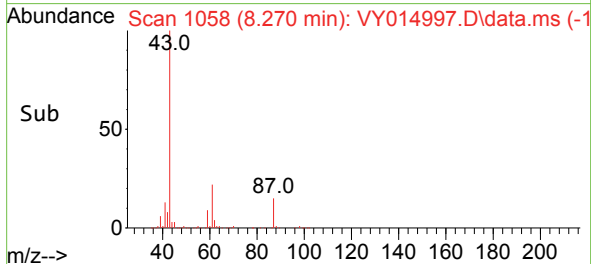
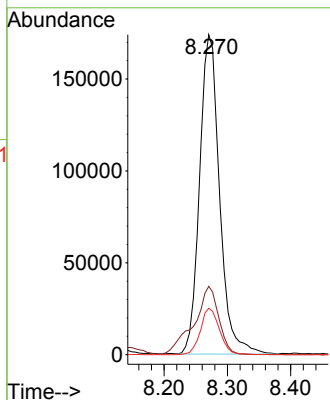
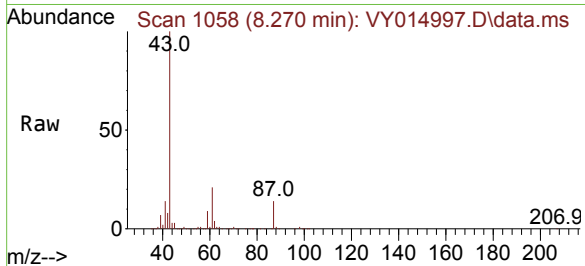




#43
Isopropyl Acetate
Concen: 49.501 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

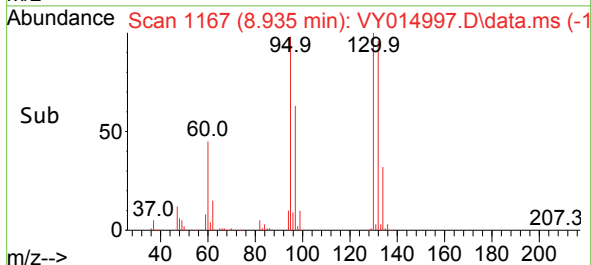
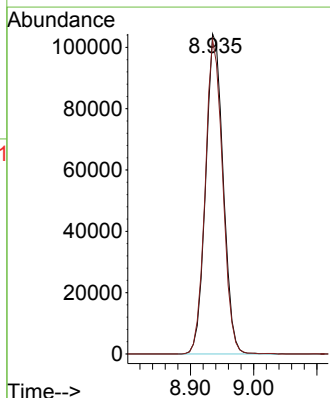
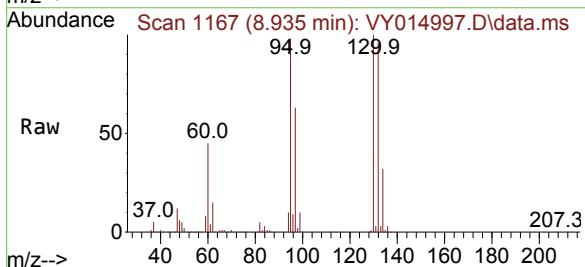
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

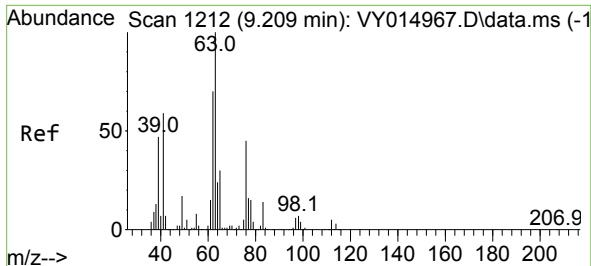
Tgt Ion: 43 Resp: 382342
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 45.476 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion:130 Resp: 201241
Ion Ratio Lower Upper
130 100
95 98.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.117 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

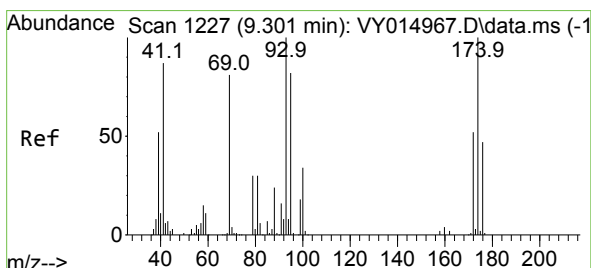
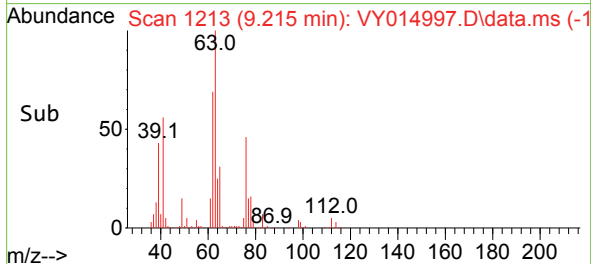
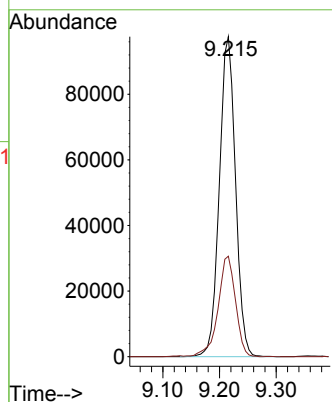
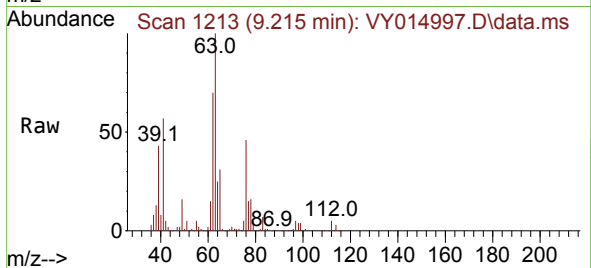
VSTDCCC050EC

Tgt Ion: 63 Resp: 193121

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 46.909 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

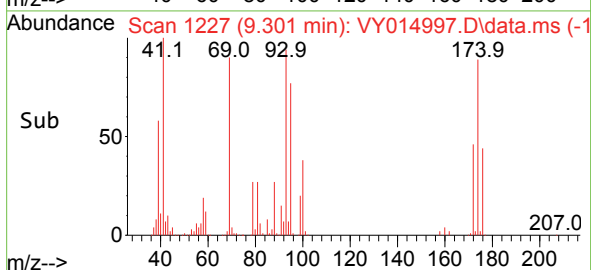
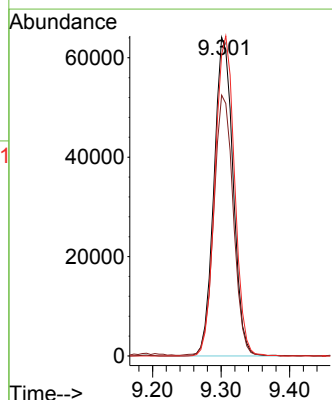
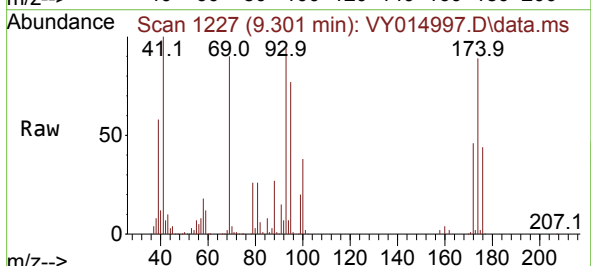
Tgt Ion: 93 Resp: 123858

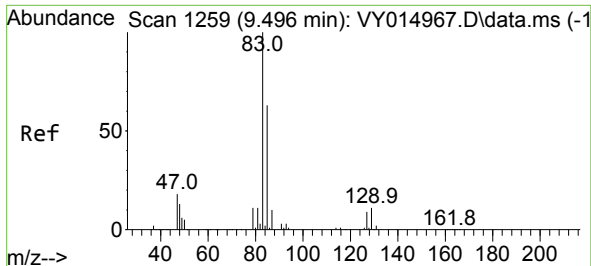
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 102.4 84.8 127.2

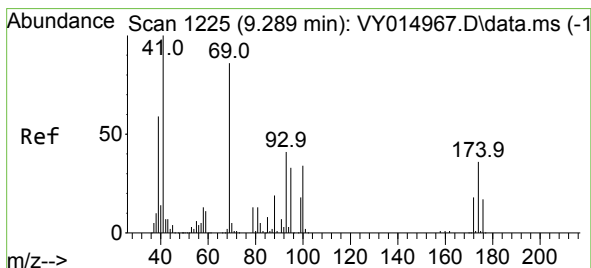
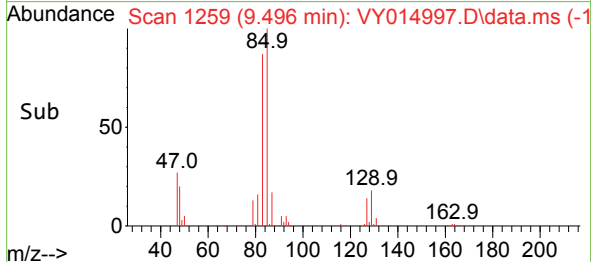
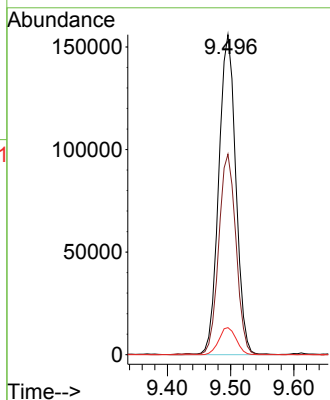
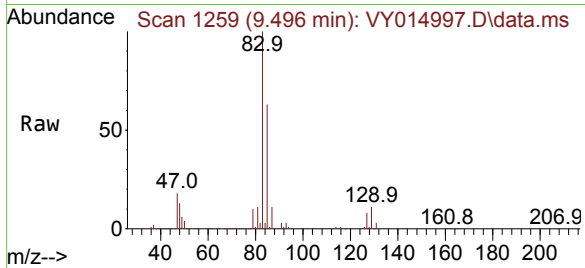




#47
Bromodichloromethane
Concen: 47.927 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

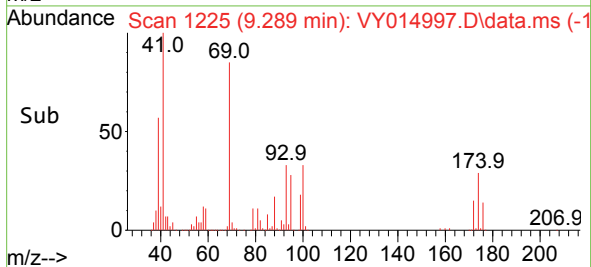
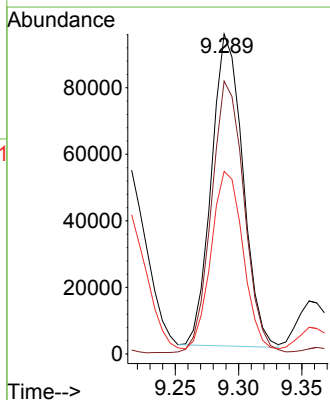
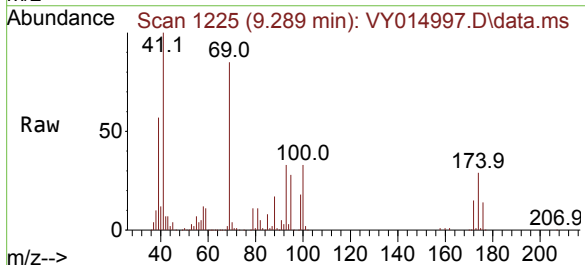
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

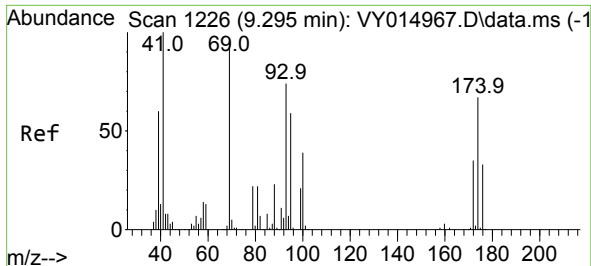
Tgt Ion: 83 Resp: 291409
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 47.646 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 41 Resp: 161468
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 61.2 50.8 76.2





#49

1,4-Dioxane

Concen: 956.621 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

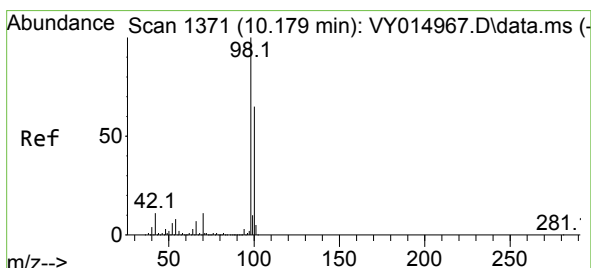
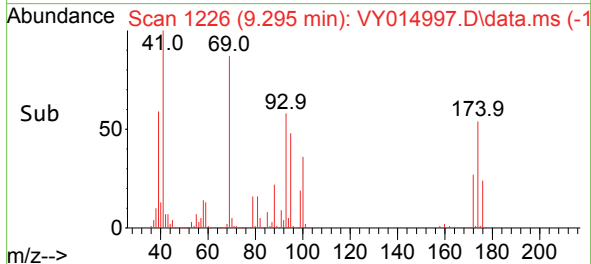
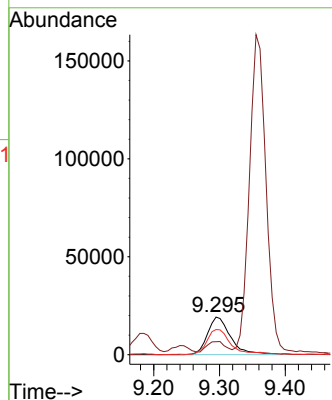
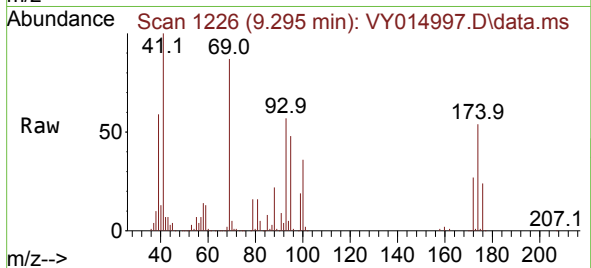
Tgt Ion: 88 Resp: 46982

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 69.5 30.9 46.3#



#50

Toluene-d8

Concen: 50.679 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY014997.D

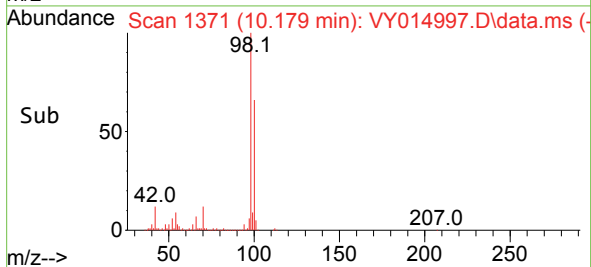
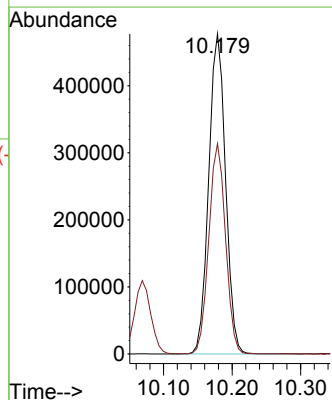
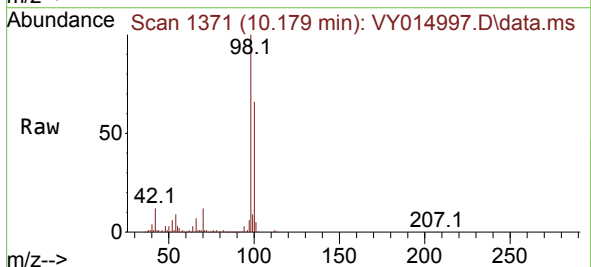
Acq: 08 Aug 2023 19:54

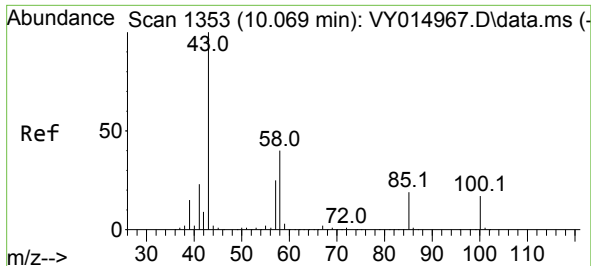
Tgt Ion: 98 Resp: 813748

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

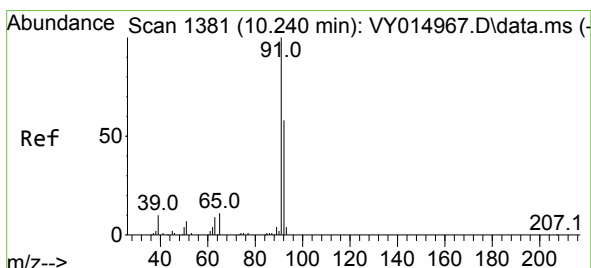
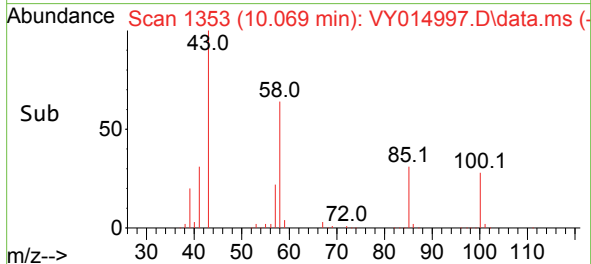
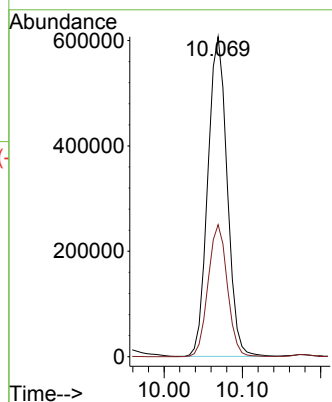
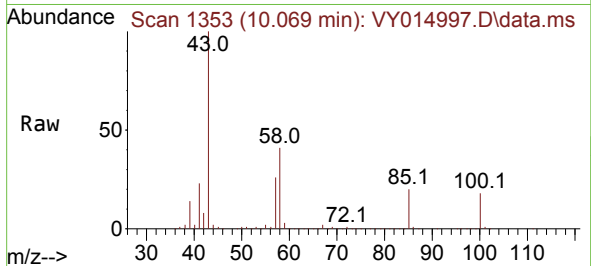




#51
4-Methyl-2-Pentanone
Concen: 238.995 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

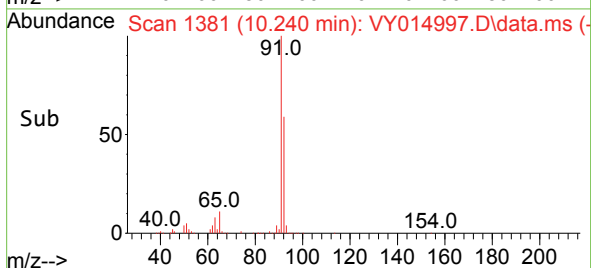
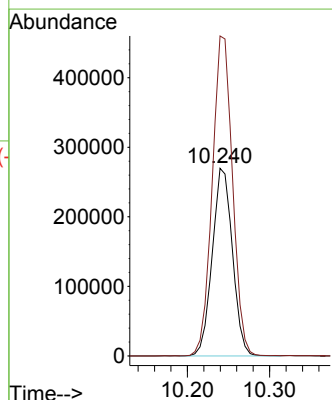
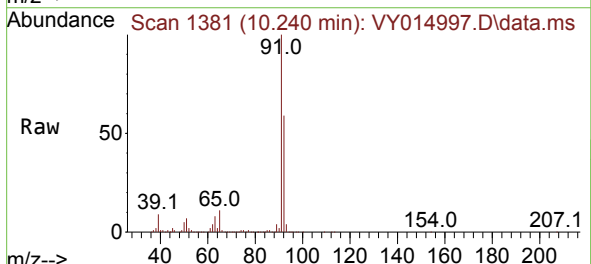
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

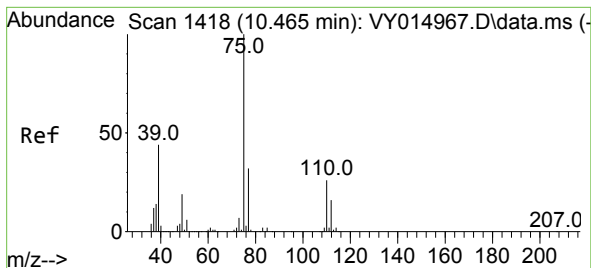
Tgt Ion: 43 Resp: 1040277
Ion Ratio Lower Upper
43 100
58 41.0 29.0 43.6



#52
Toluene
Concen: 46.310 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 92 Resp: 459599
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6

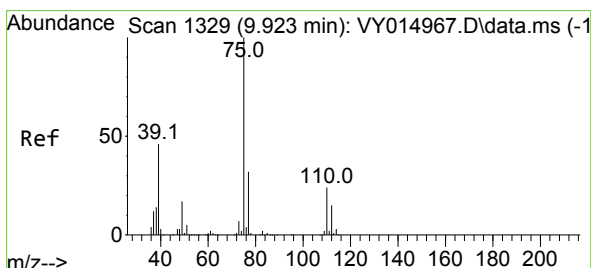
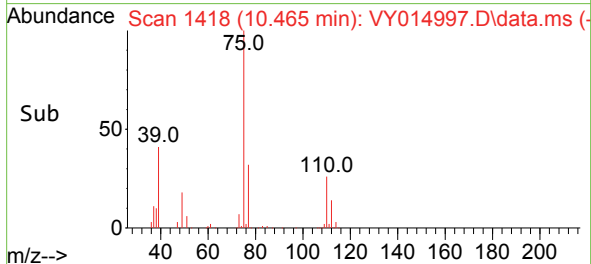
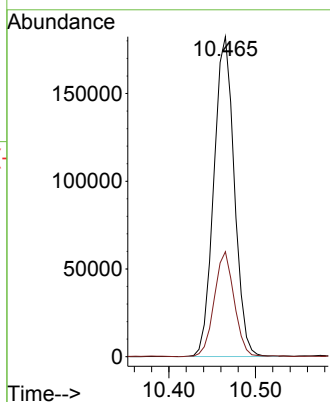
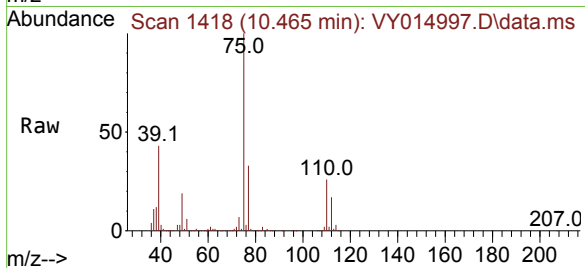




#53
t-1,3-Dichloropropene
Concen: 47.194 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

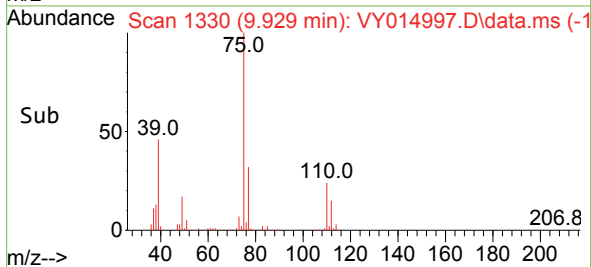
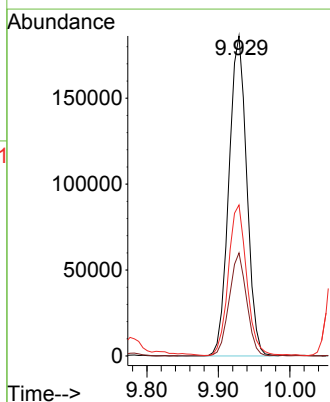
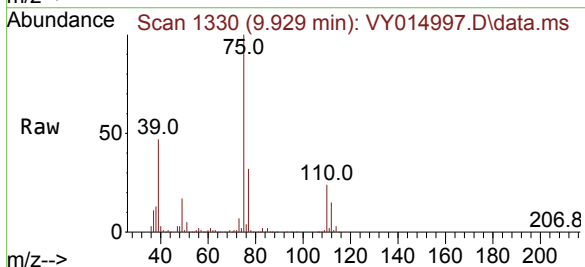
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

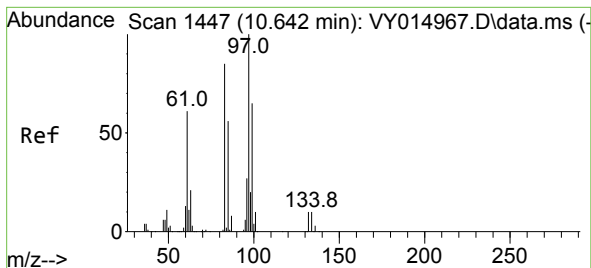
Tgt Ion: 75 Resp: 298832
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 47.187 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 75 Resp: 322809
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 46.8 42.2 63.4



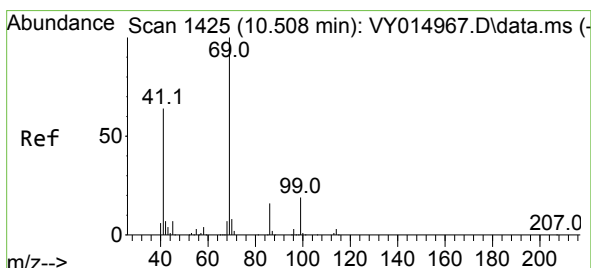
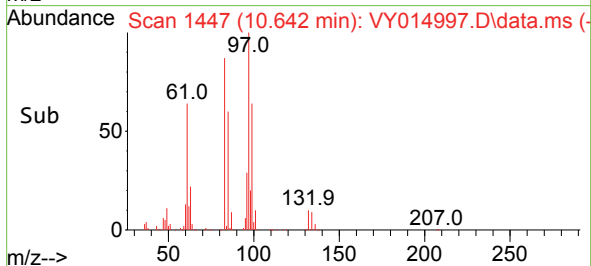
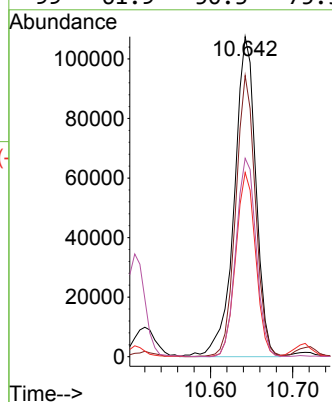
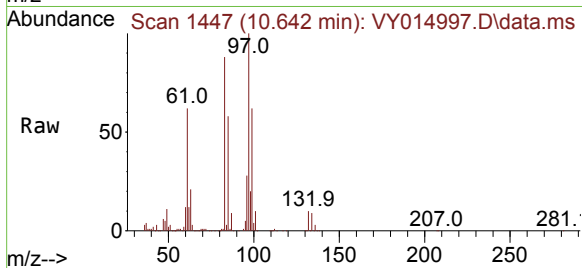


#55
1,1,2-Trichloroethane
Concen: 51.186 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 196428

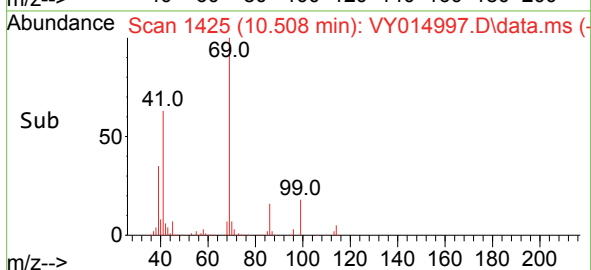
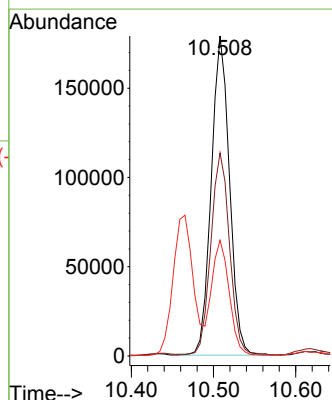
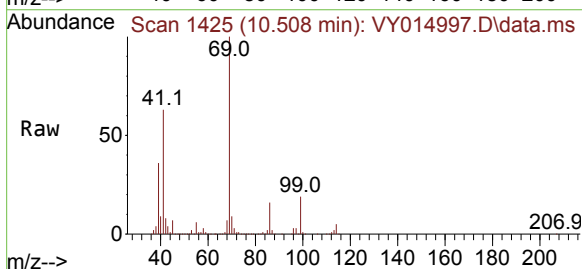
Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.0	108.0
85	57.4	45.4	68.0
99	61.9	50.3	75.5

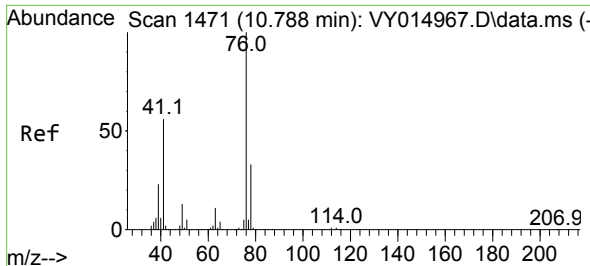


#56
Ethyl methacrylate
Concen: 50.190 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 69 Resp: 275793

Ion	Ratio	Lower	Upper
69	100		
41	65.1	57.6	86.4
39	34.0	34.1	51.1#

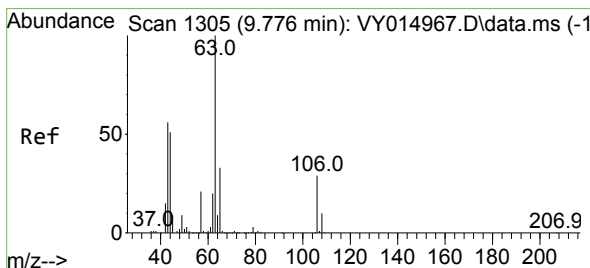
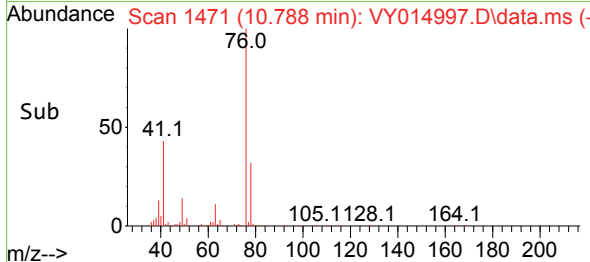
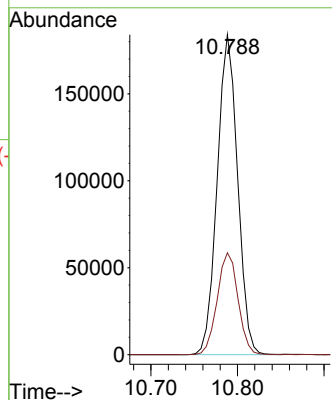
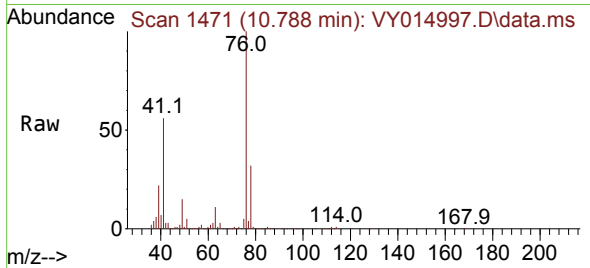




#57
1,3-Dichloropropane
Concen: 47.428 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

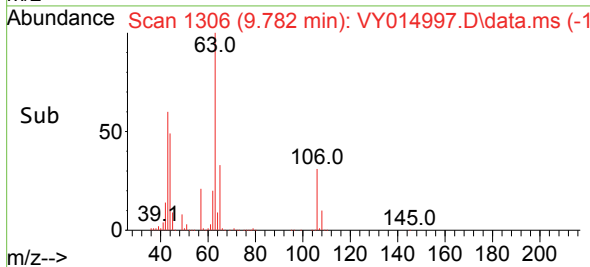
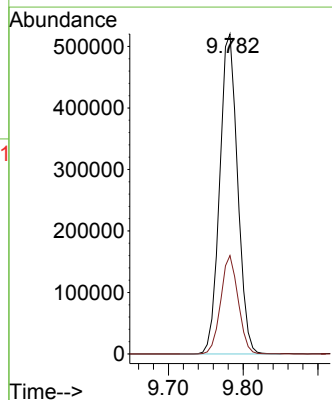
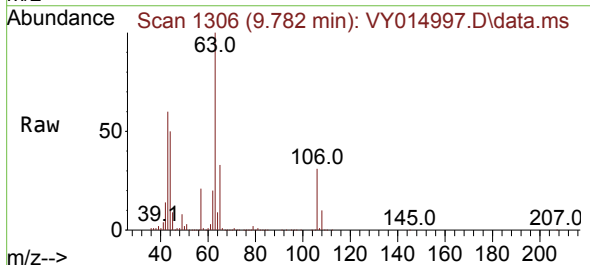
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

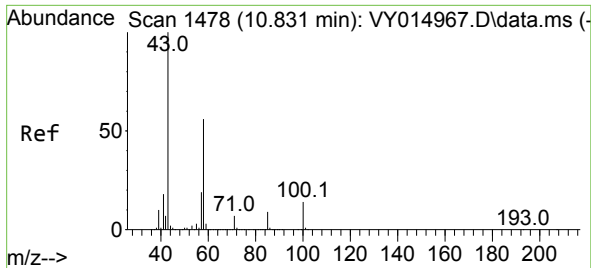
Tgt Ion: 76 Resp: 301126
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 333.541 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 63 Resp: 866608
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8

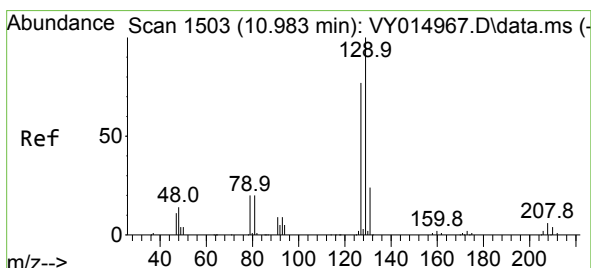
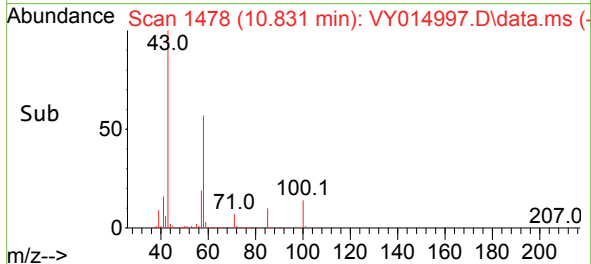
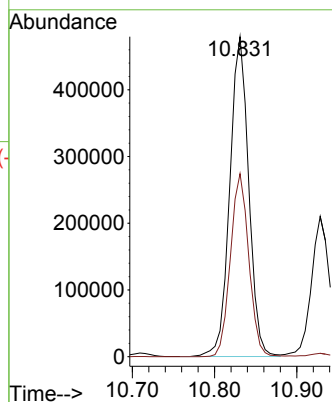
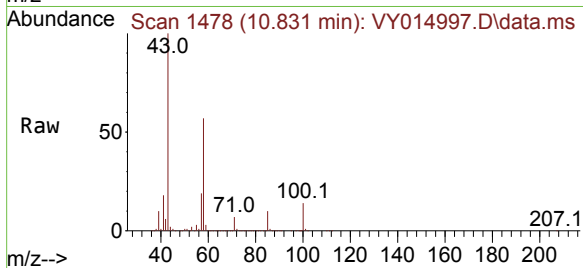




#59
2-Hexanone
Concen: 238.134 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

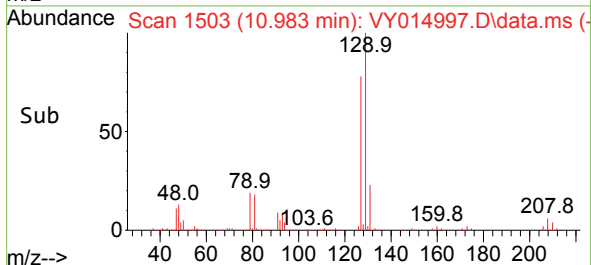
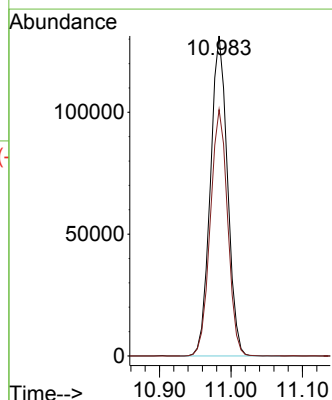
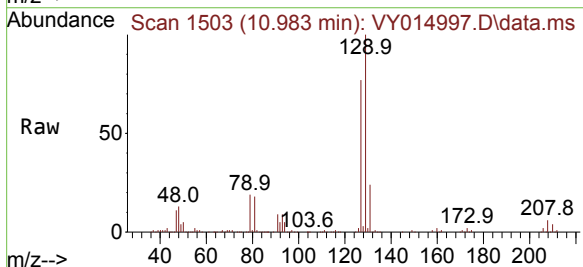
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

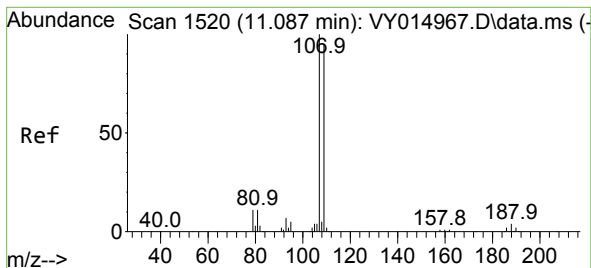
Tgt Ion: 43 Resp: 765701
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 47.734 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 129 Resp: 218113
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

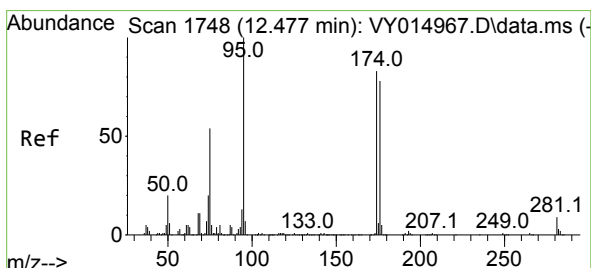
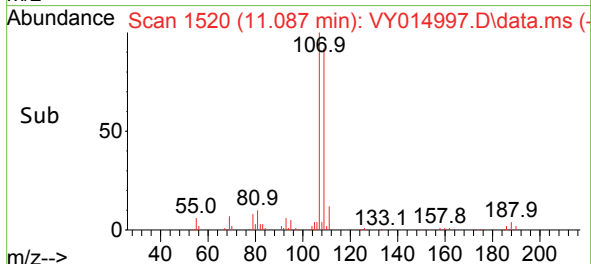
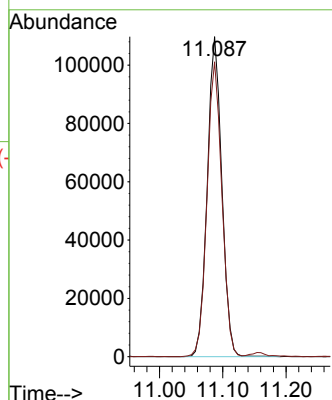
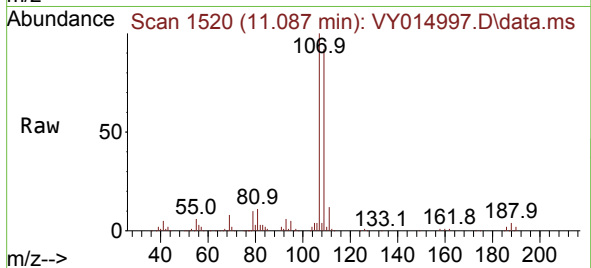




#61
1,2-Dibromoethane
Concen: 48.061 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

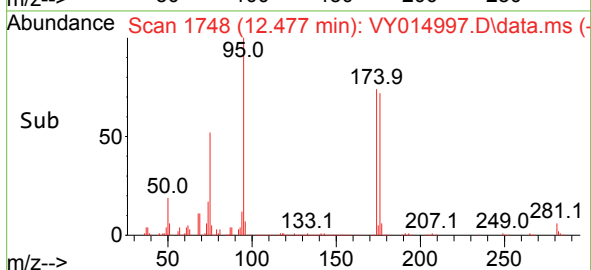
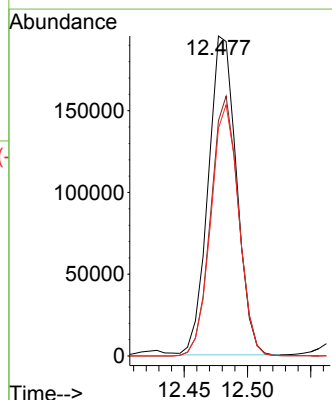
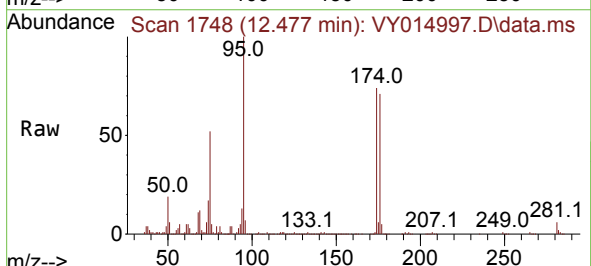
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

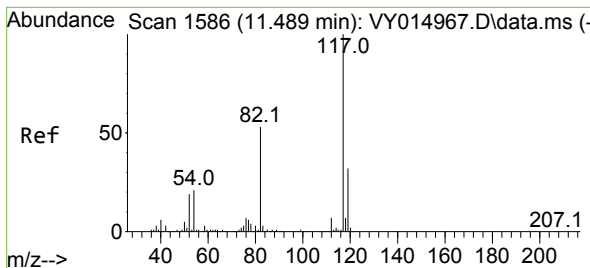
Tgt Ion:107 Resp: 176044
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.294 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 95 Resp: 303291
Ion Ratio Lower Upper
95 100
174 80.1 0.0 178.2
176 78.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

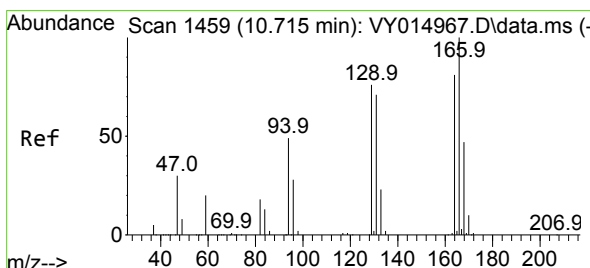
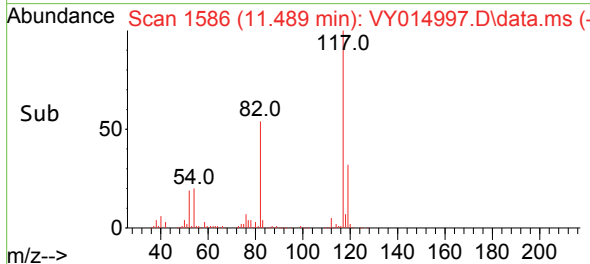
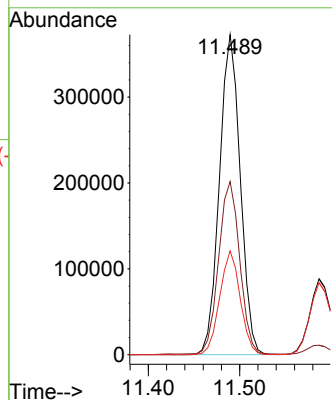
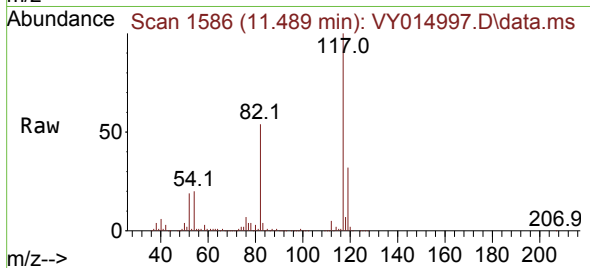
Tgt Ion:117 Resp: 590724

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 46.892 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Tgt Ion:164 Resp: 208367

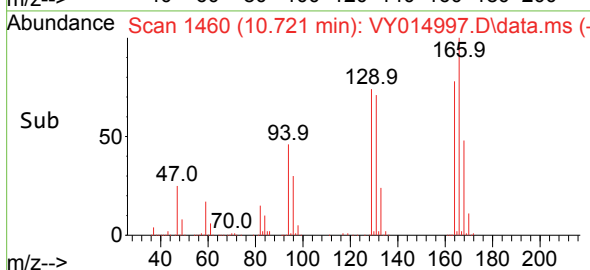
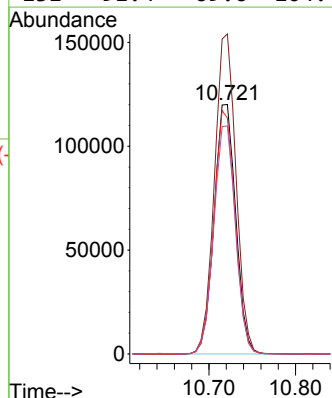
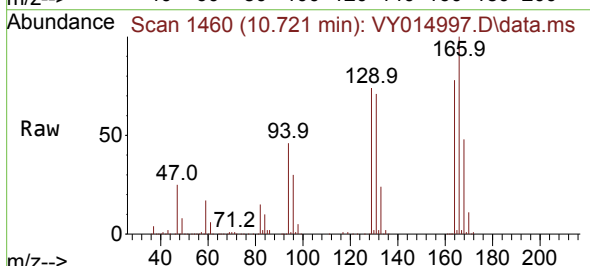
Ion Ratio Lower Upper

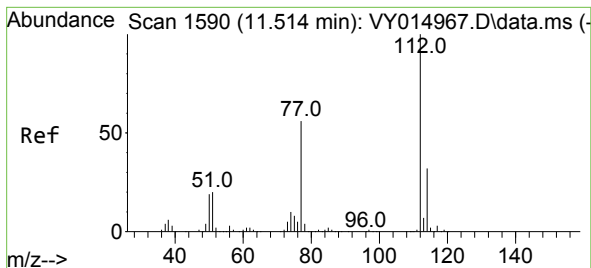
164 100

166 128.3 103.0 154.6

129 94.6 77.2 115.8

131 91.4 69.6 104.4

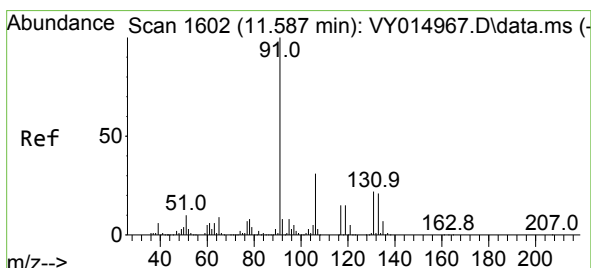
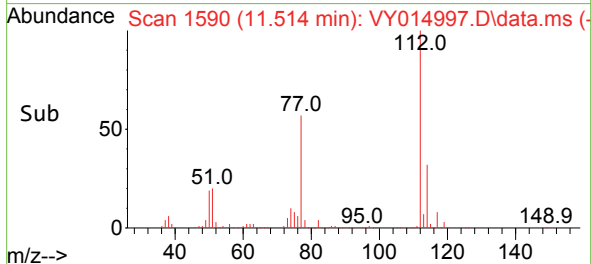
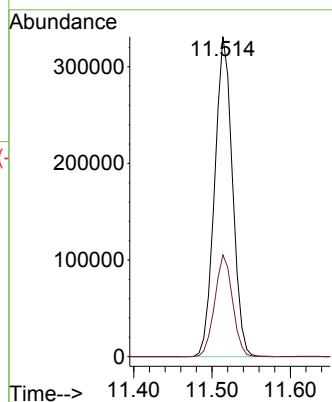
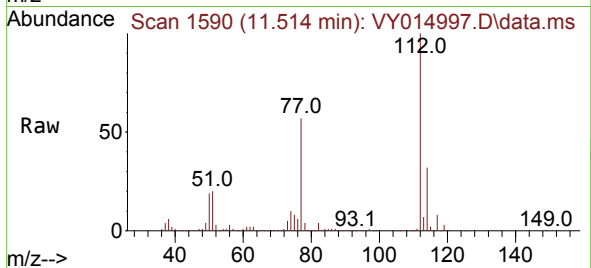




#65
Chlorobenzene
Concen: 46.706 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

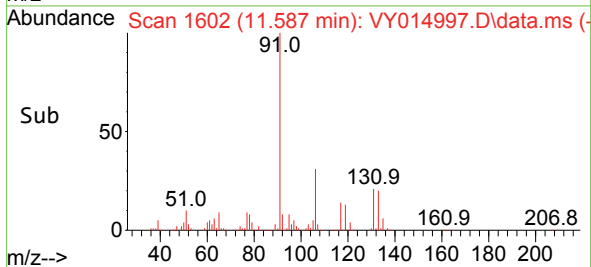
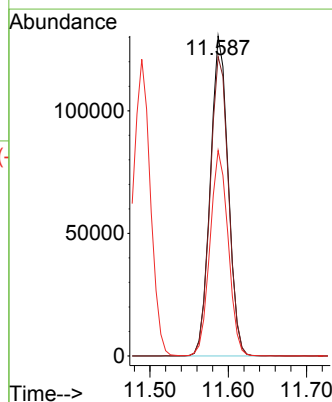
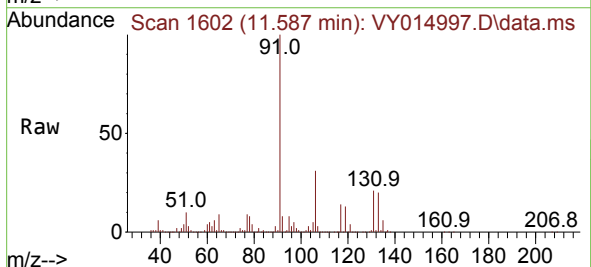
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

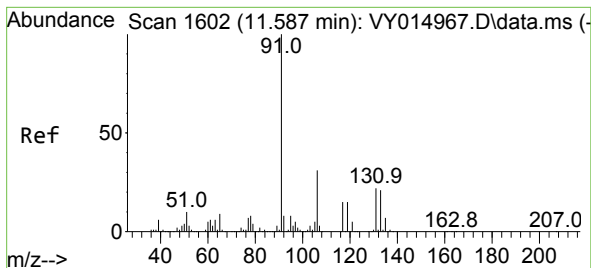
Tgt Ion:112 Resp: 523529
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.168 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion:131 Resp: 207175
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 51.753 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

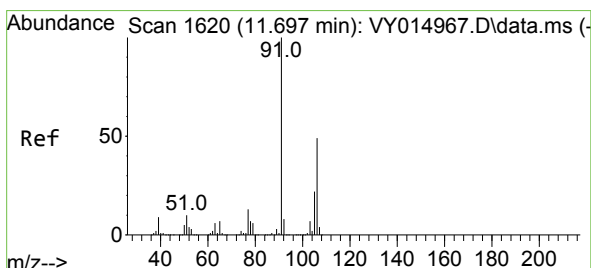
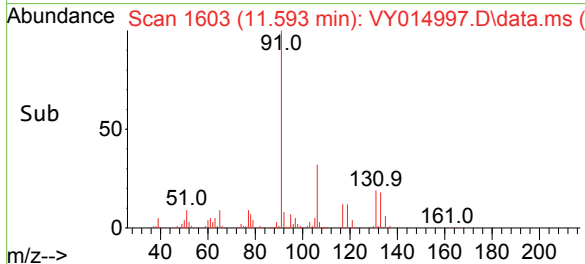
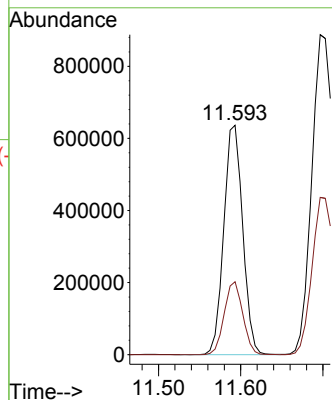
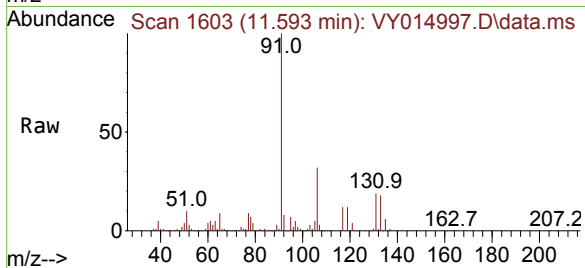
VSTDCCC050EC

Tgt Ion: 91 Resp: 1018061

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 108.524 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY014997.D

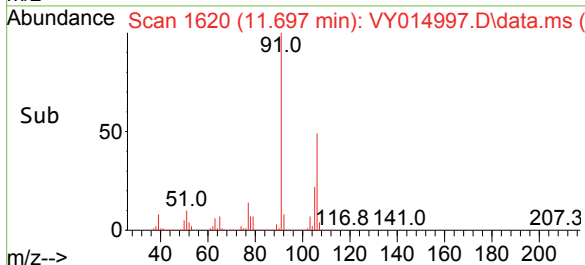
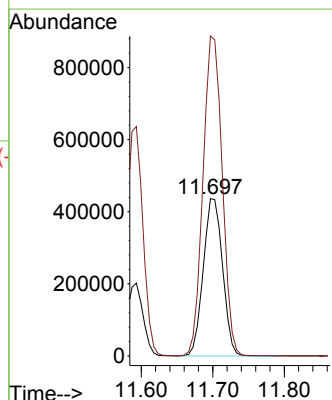
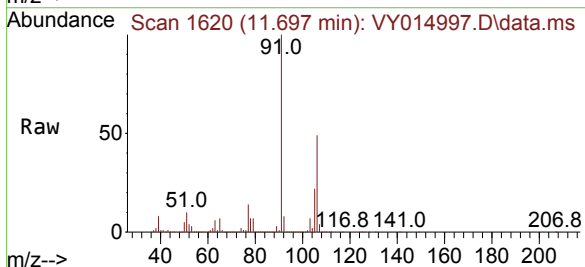
Acq: 08 Aug 2023 19:54

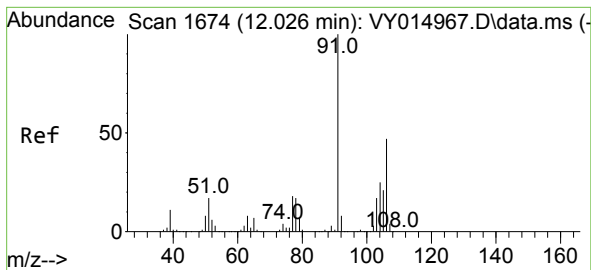
Tgt Ion:106 Resp: 816683

Ion Ratio Lower Upper

106 100

91 203.1 166.1 249.1

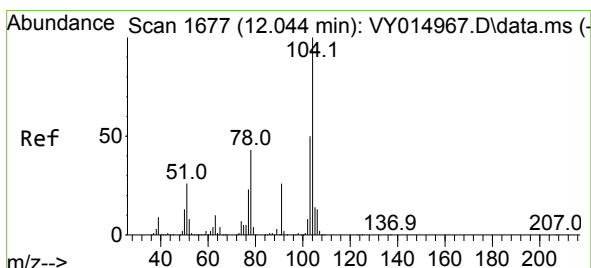
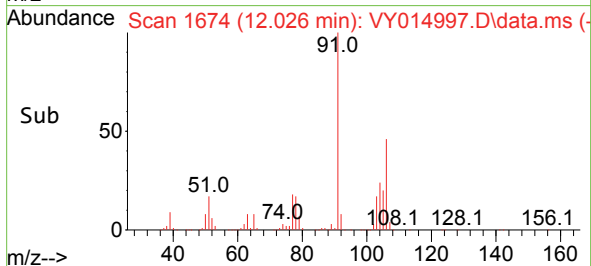
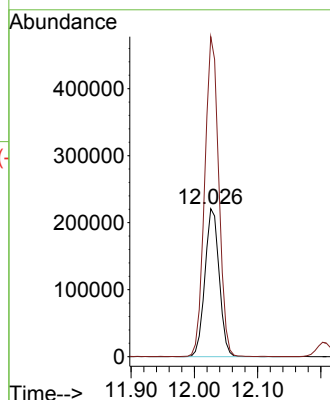
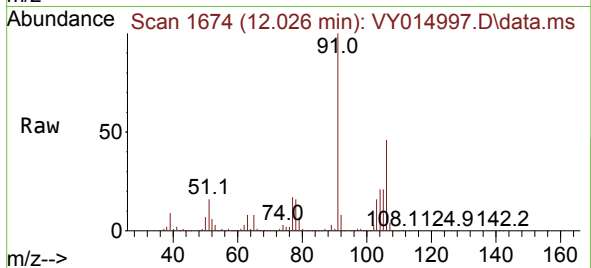




#69
o-Xylene
Concen: 47.171 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

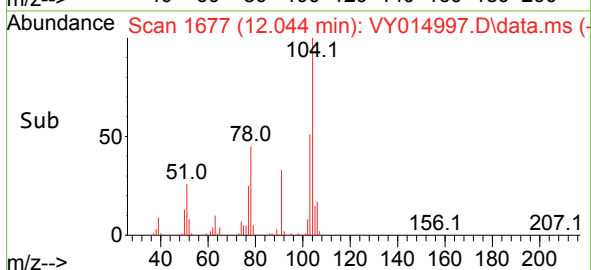
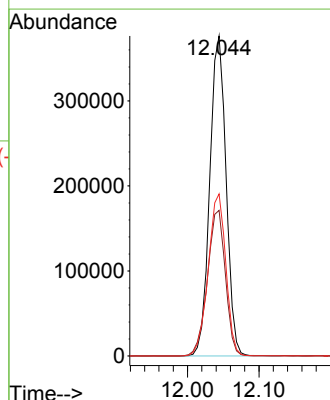
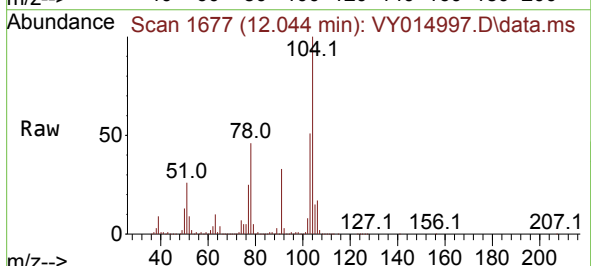
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

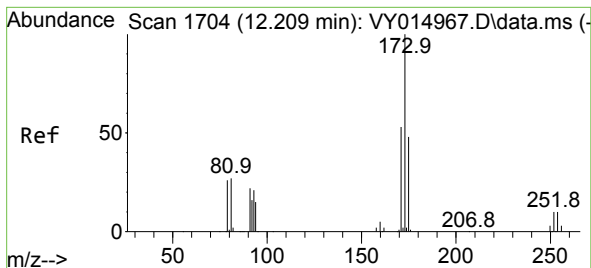
Tgt Ion:106 Resp: 347349
Ion Ratio Lower Upper
106 100
91 213.4 108.1 324.3



#70
Styrene
Concen: 47.436 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion:104 Resp: 596949
Ion Ratio Lower Upper
104 100
78 50.2 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 48.627 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

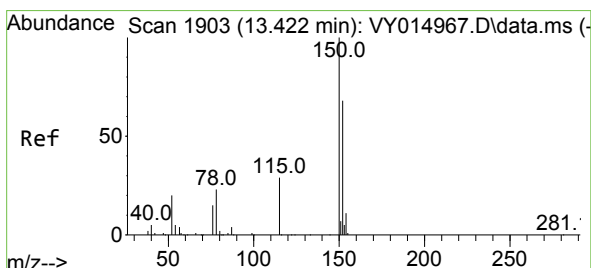
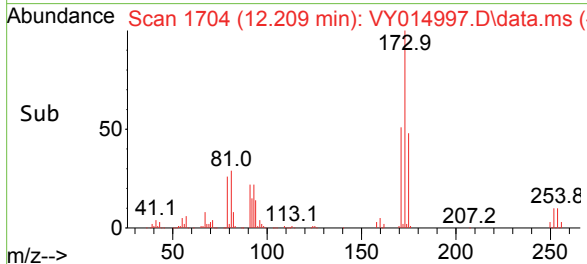
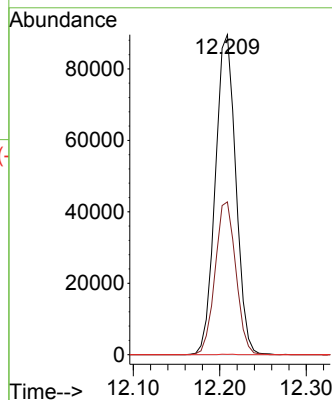
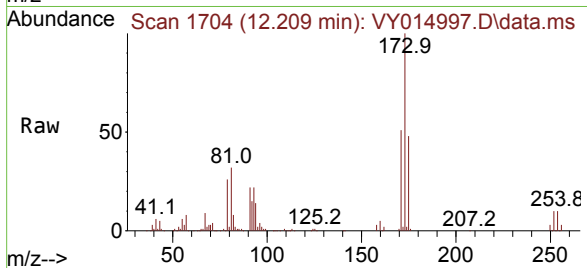
Tgt Ion:173 Resp: 147216

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

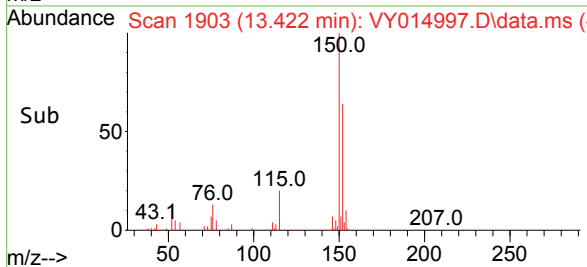
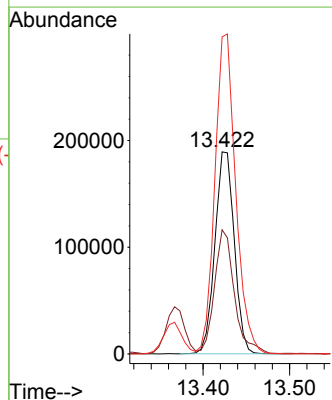
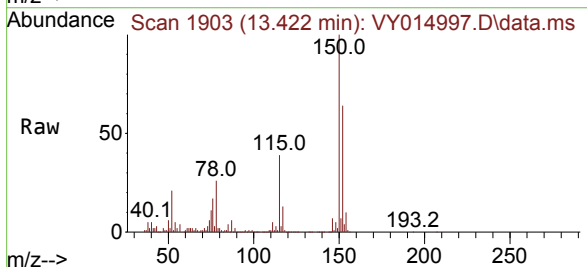
Tgt Ion:152 Resp: 294045

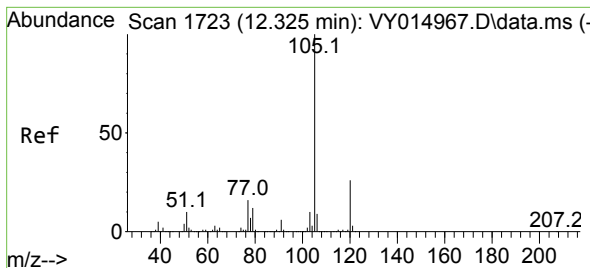
Ion Ratio Lower Upper

152 100

115 62.8 28.8 86.5

150 170.2 0.0 348.8





#73

Isopropylbenzene

Concen: 48.542 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

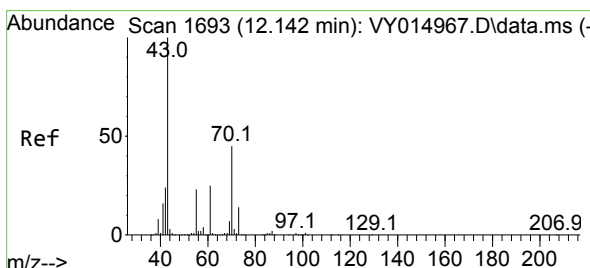
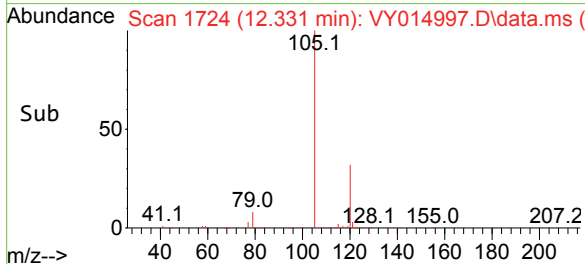
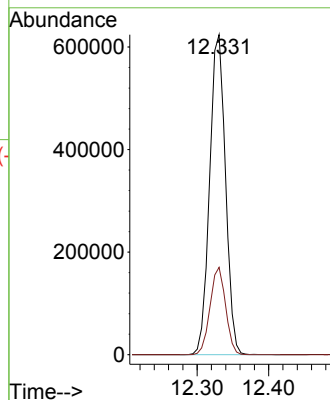
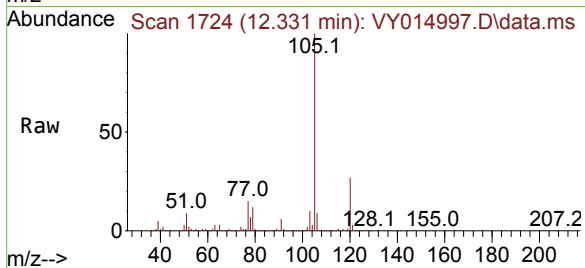
VSTDCCC050EC

Tgt Ion:105 Resp: 959496

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 50.675 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Tgt Ion: 43 Resp: 342223

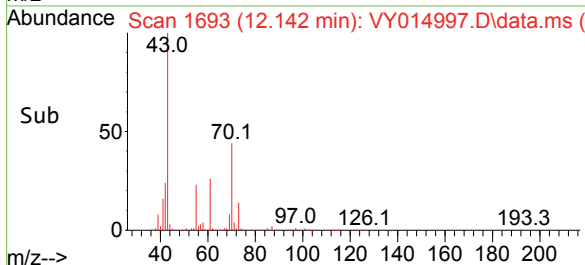
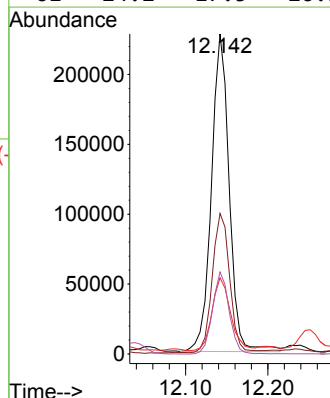
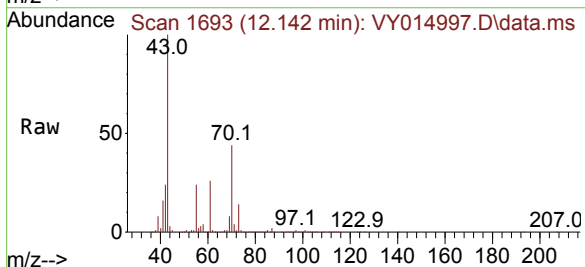
Ion Ratio Lower Upper

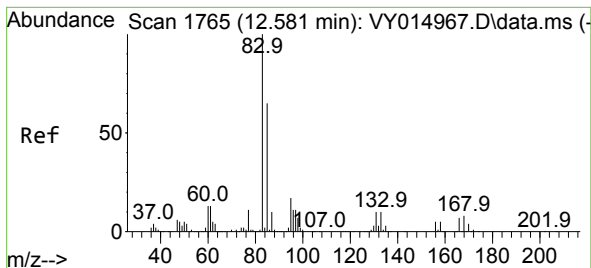
43 100

70 42.8 29.7 44.5

55 23.8 18.3 27.5

61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.591 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

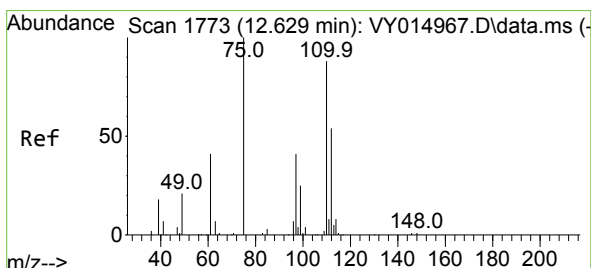
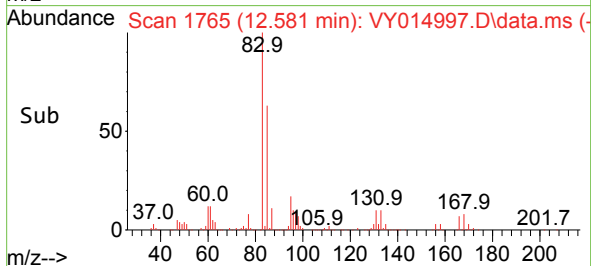
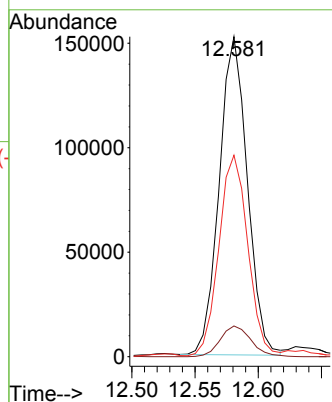
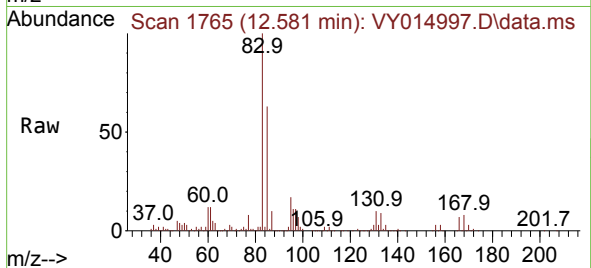
Tgt Ion: 83 Resp: 234715

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.528 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY014997.D

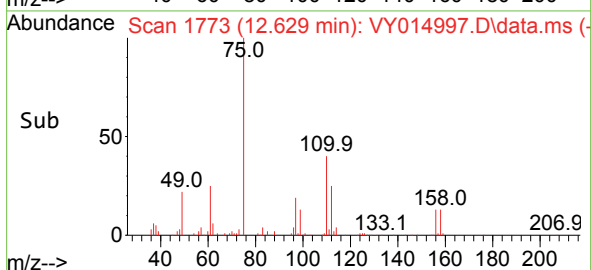
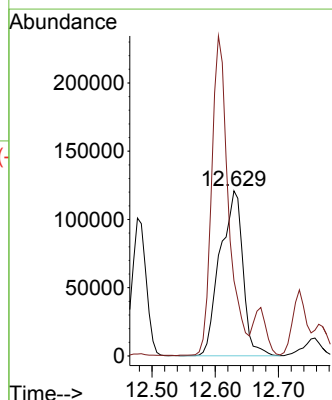
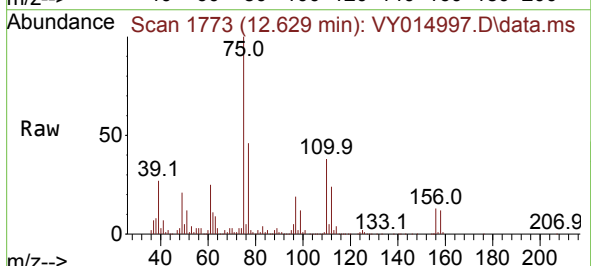
Acq: 08 Aug 2023 19:54

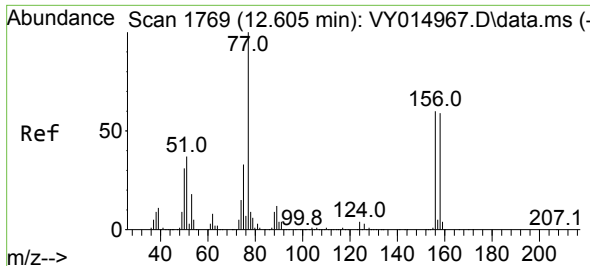
Tgt Ion: 75 Resp: 304870

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

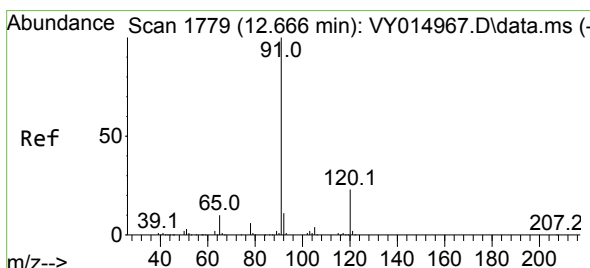
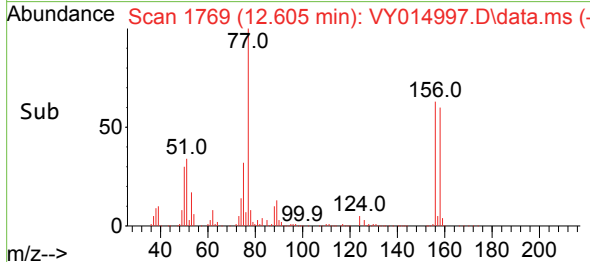
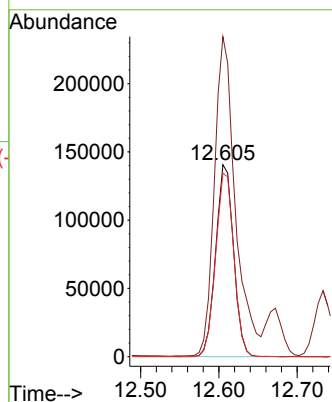
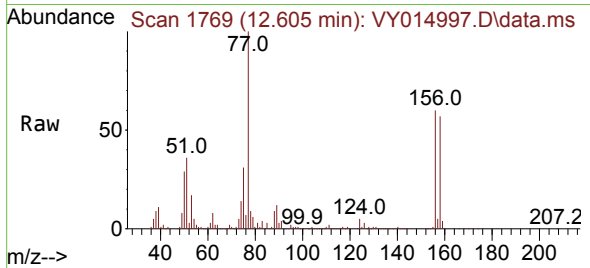




#77
Bromobenzene
Concen: 46.589 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

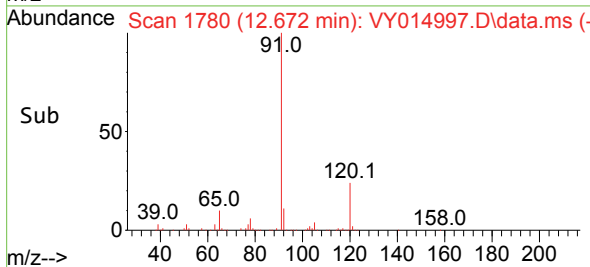
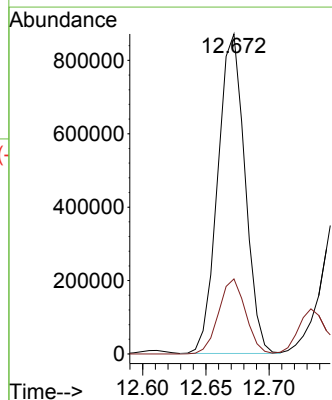
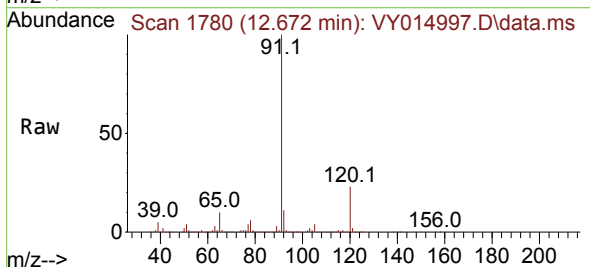
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

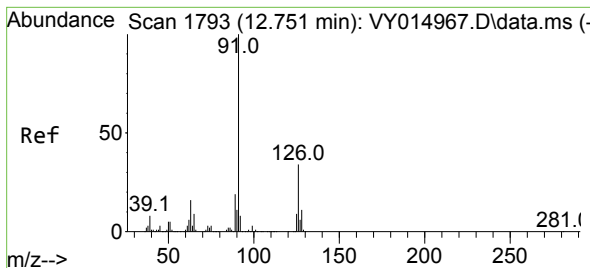
Tgt Ion:156 Resp: 223372
Ion Ratio Lower Upper
156 100
77 195.6 92.8 278.6
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 55.074 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 91 Resp: 1302019
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

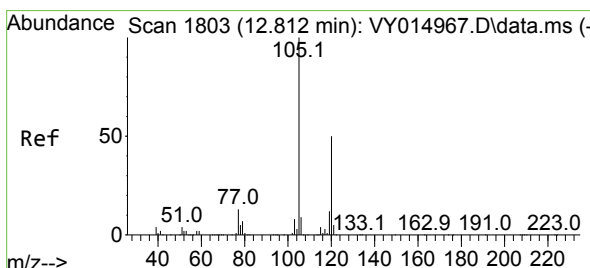
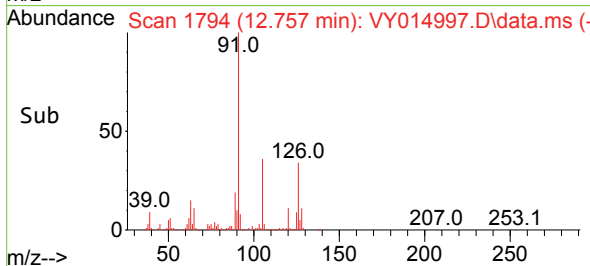
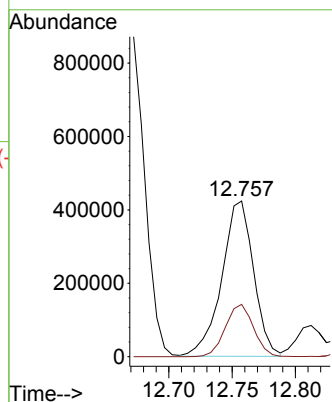
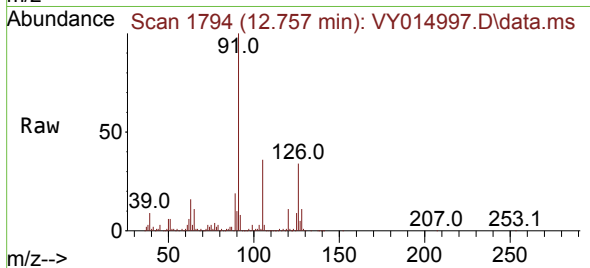




#79
2-Chlorotoluene
Concen: 55.057 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

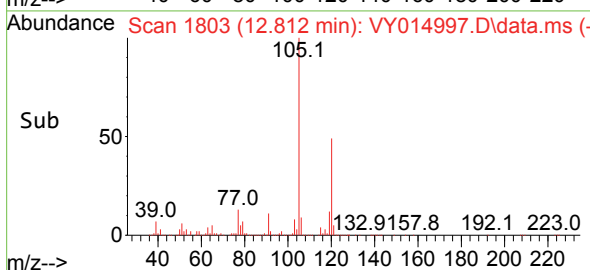
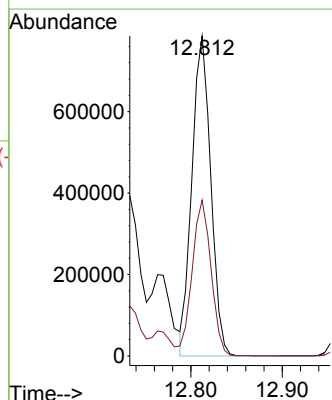
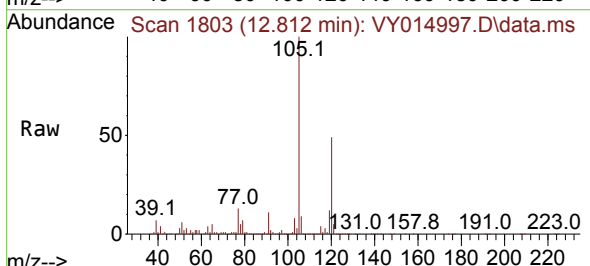
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

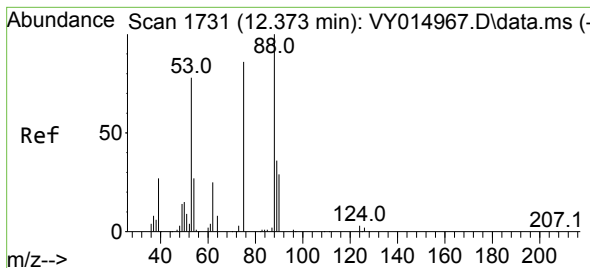
Tgt Ion: 91 Resp: 741825
Ion Ratio Lower Upper
91 100
126 29.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 69.052 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 105 Resp: 1124773
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

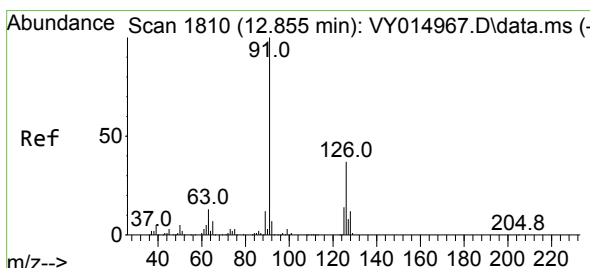
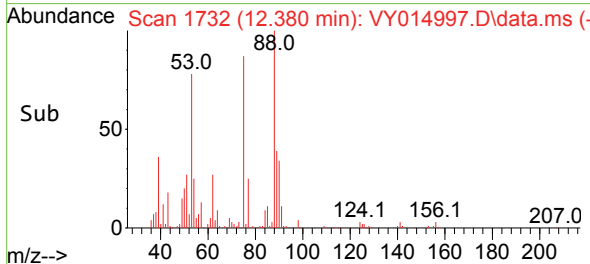
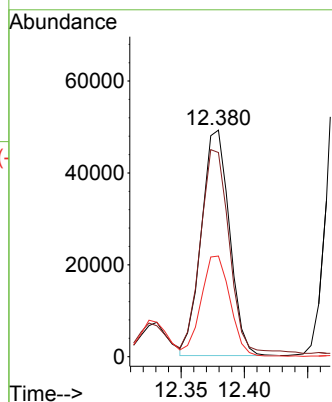
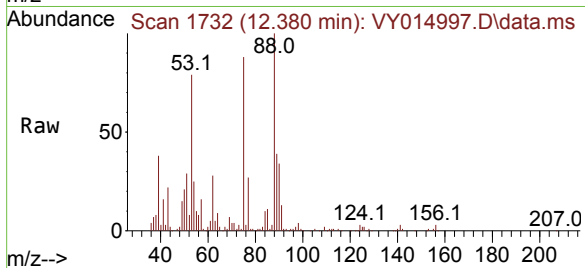




#81
trans-1,4-Dichloro-2-butene
Concen: 47.566 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

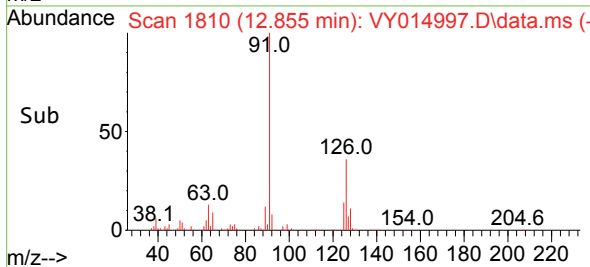
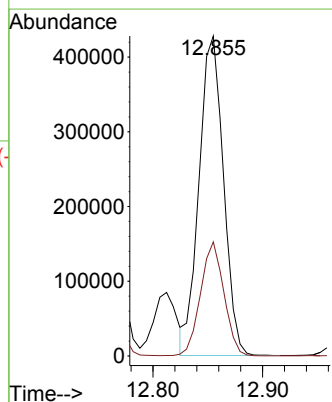
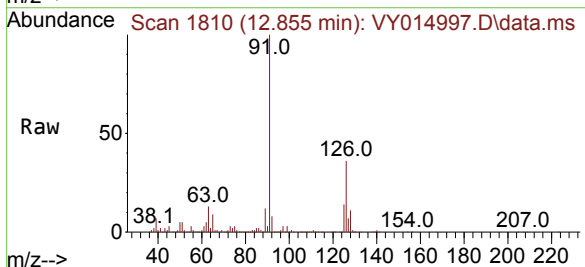
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

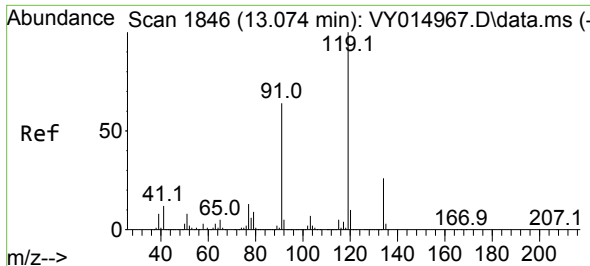
Tgt Ion: 75 Resp: 76074
Ion Ratio Lower Upper
75 100
53 92.5 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.525 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 91 Resp: 661969
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6

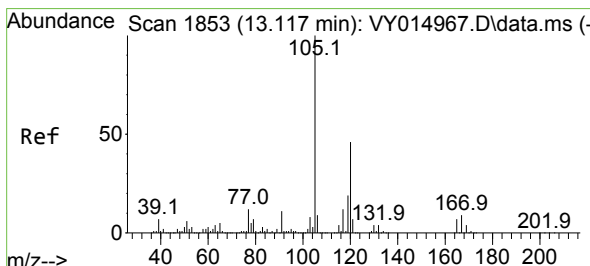
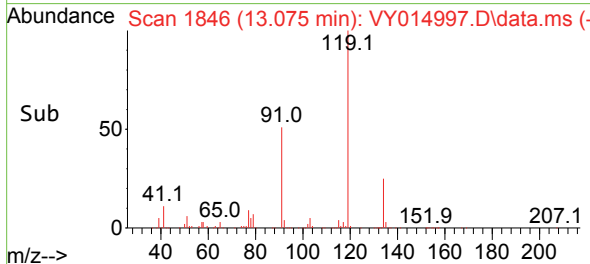
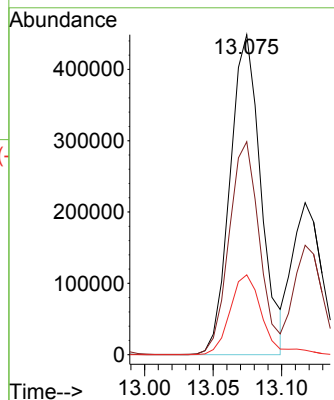
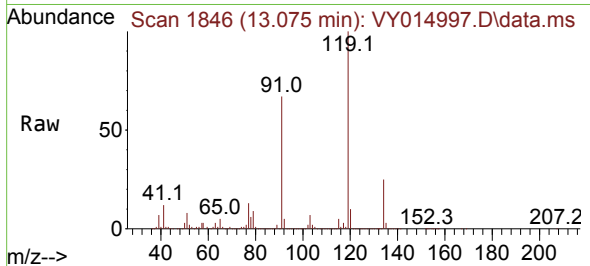




#83
tert-Butylbenzene
Concen: 47.064 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

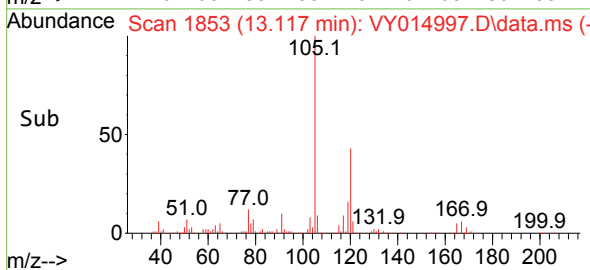
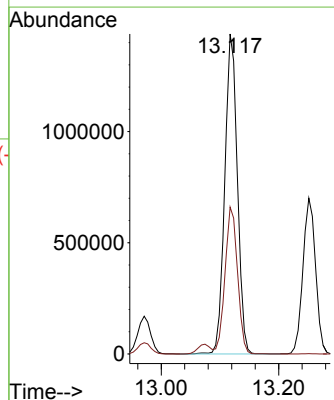
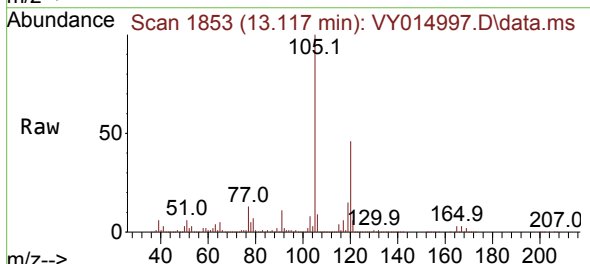
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

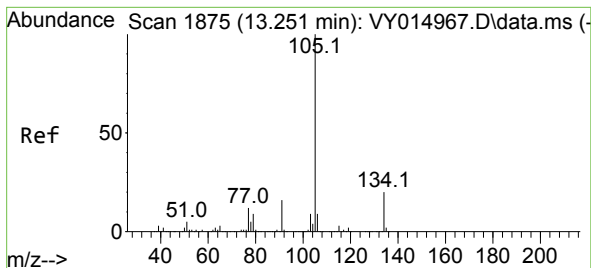
Tgt Ion:119 Resp: 701293
Ion Ratio Lower Upper
119 100
91 65.7 32.9 98.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 130.971 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion:105 Resp: 2137410
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.606 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

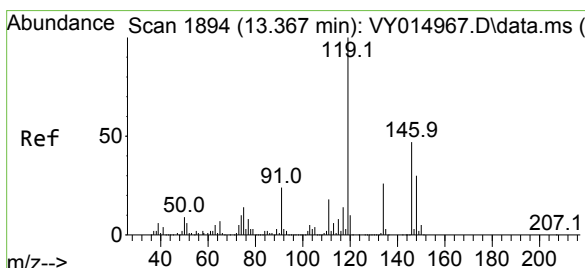
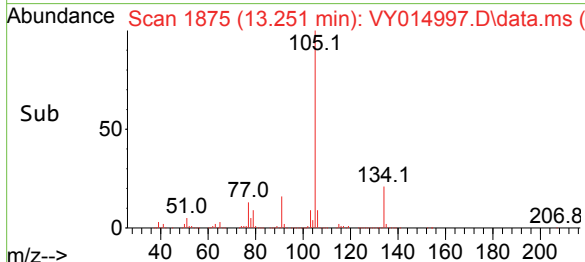
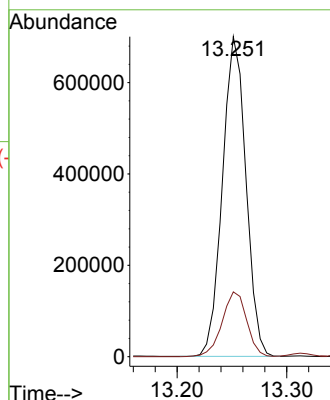
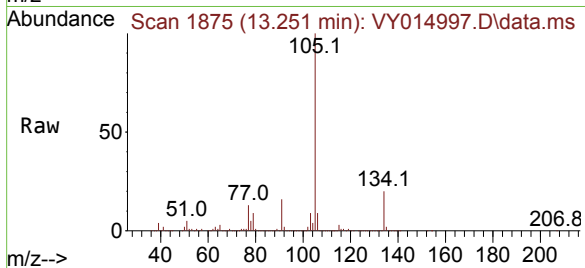
VSTDCCC050EC

Tgt Ion:105 Resp: 1041128

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.278 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

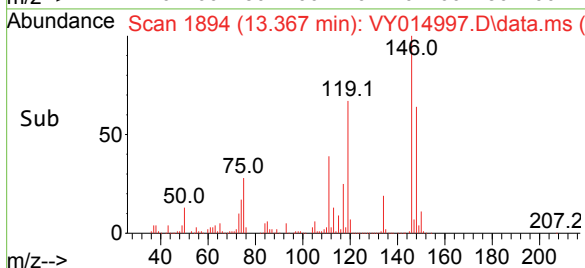
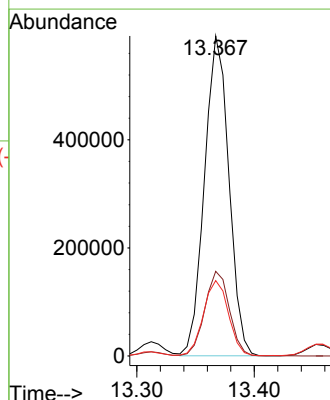
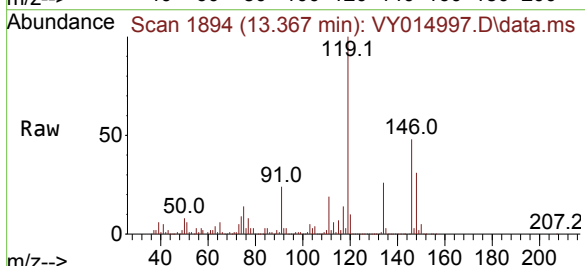
Tgt Ion:119 Resp: 855854

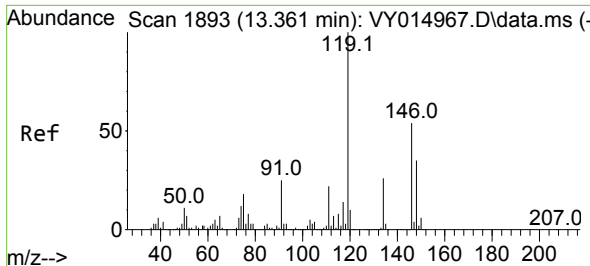
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.0 12.4 37.4

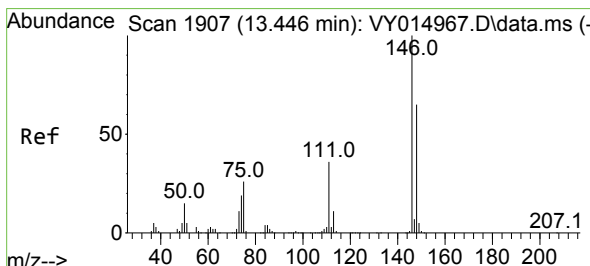
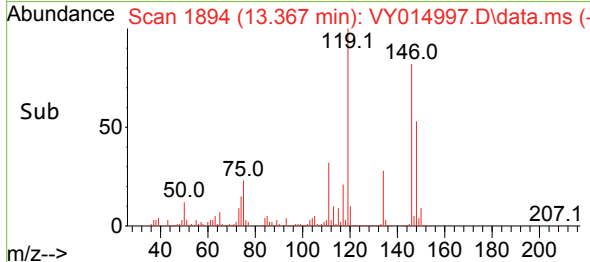
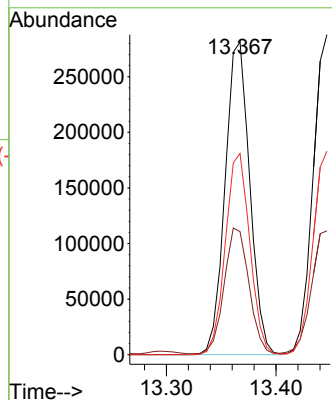
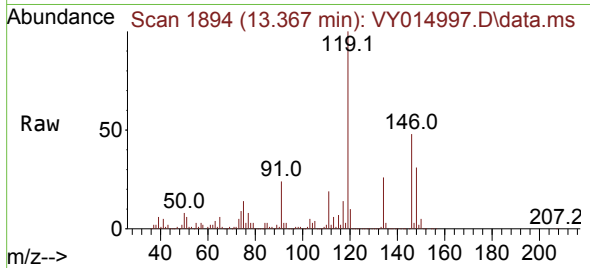




#87
 1,3-Dichlorobenzene
 Concen: 46.807 ug/l
 RT: 13.367 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VY014997.D
 Acq: 08 Aug 2023 19:54

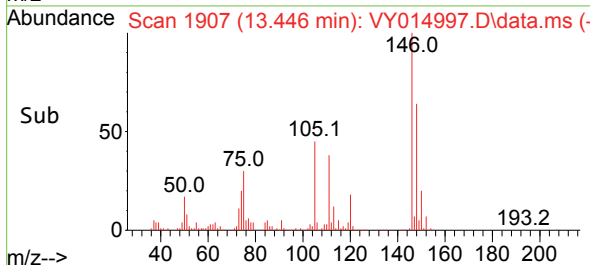
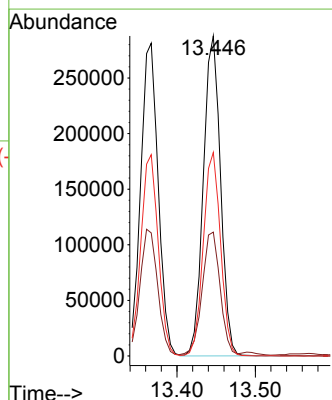
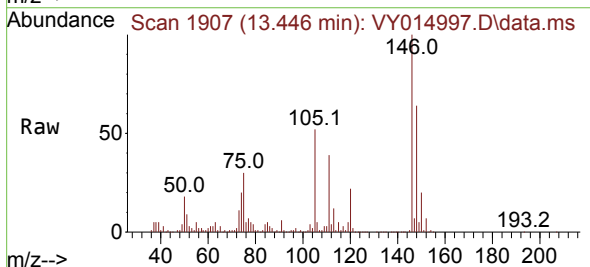
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

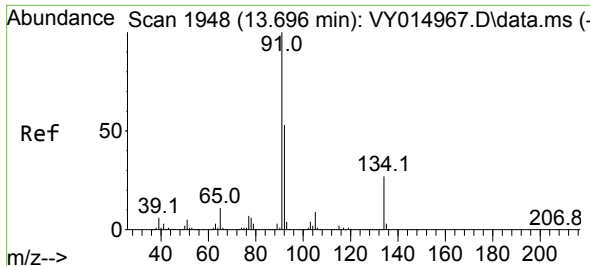
Tgt Ion:146 Resp: 439269
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.4 58.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.758 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY014997.D
 Acq: 08 Aug 2023 19:54

Tgt Ion:146 Resp: 437617
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.9 56.7
 148 64.0 32.1 96.5

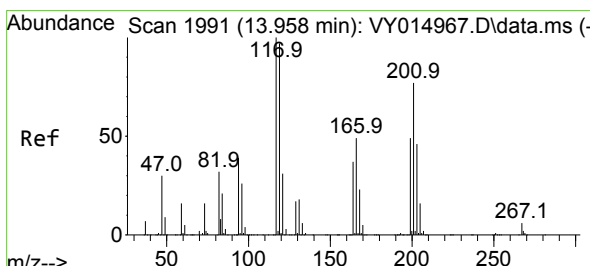
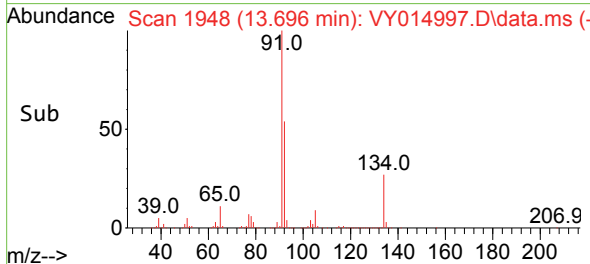
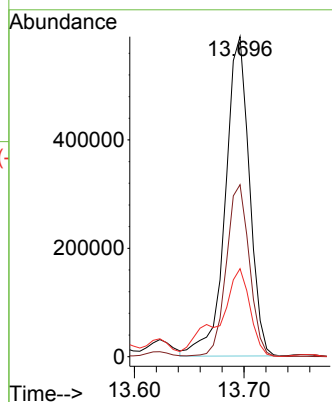
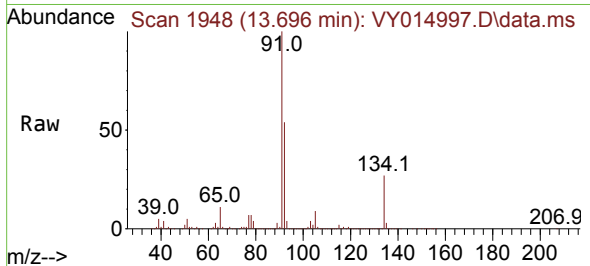




#89
n-Butylbenzene
Concen: 52.726 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

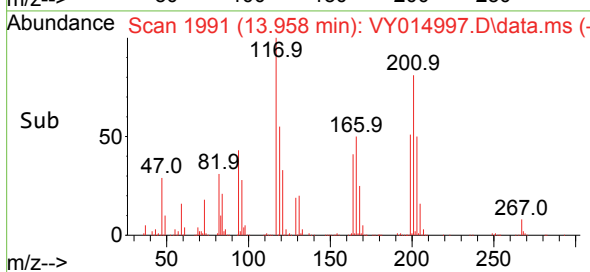
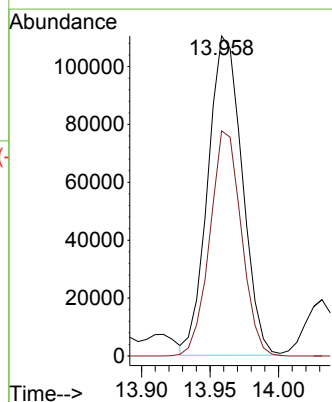
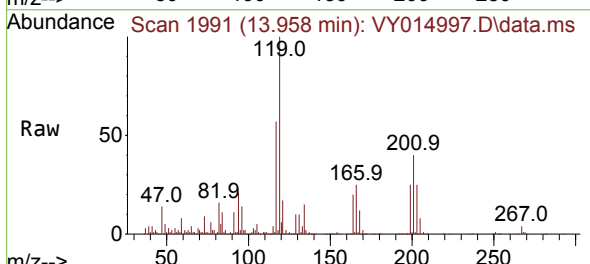
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

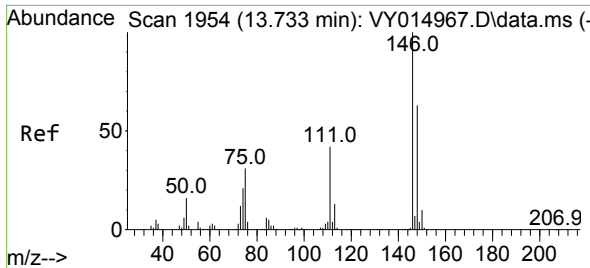
Tgt Ion: 91 Resp: 896811
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 35.7 12.6 37.6



#90
Hexachloroethane
Concen: 54.592 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 117 Resp: 191915
Ion Ratio Lower Upper
117 100
201 64.9 41.6 124.8

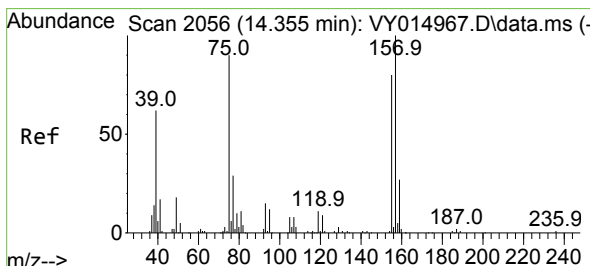
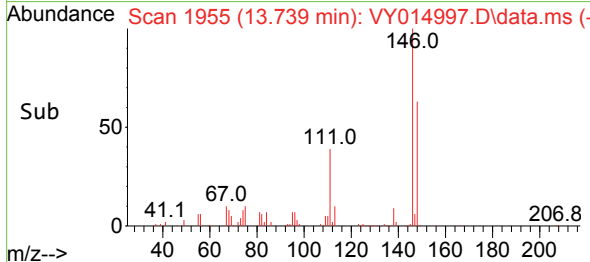
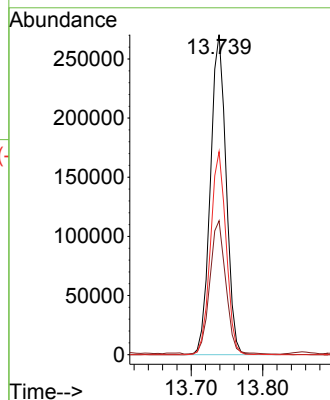
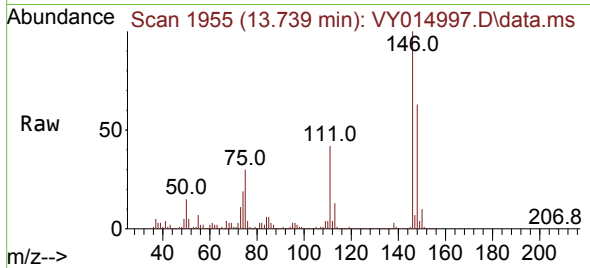




#91
1,2-Dichlorobenzene
Concen: 47.635 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

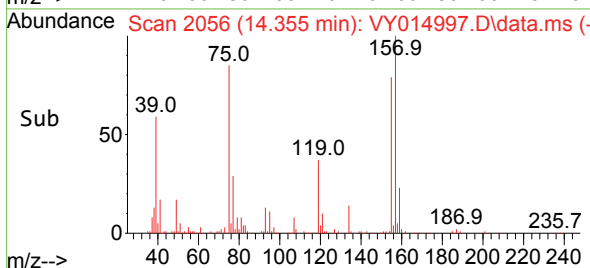
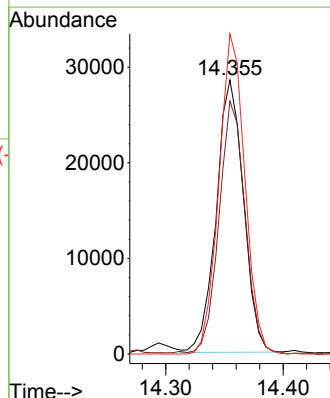
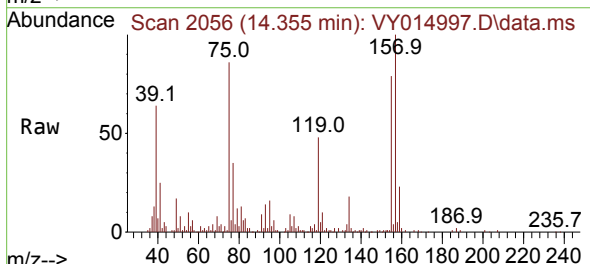
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

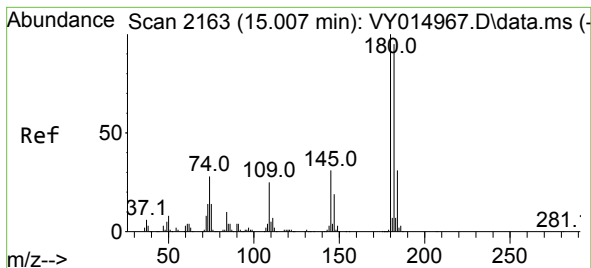
Tgt Ion:146 Resp: 412585
Ion Ratio Lower Upper
146 100
111 42.3 19.7 59.0
148 63.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.539 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY014997.D
Acq: 08 Aug 2023 19:54

Tgt Ion: 75 Resp: 45779
Ion Ratio Lower Upper
75 100
155 88.8 41.5 124.6
157 112.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.029 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

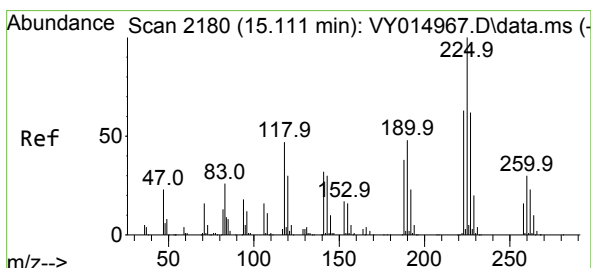
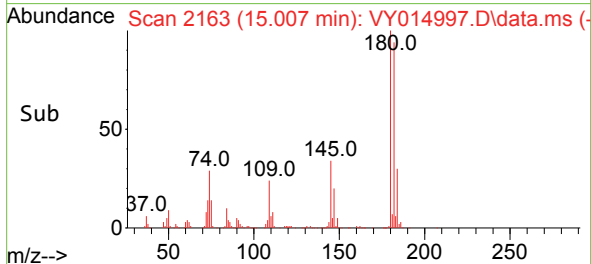
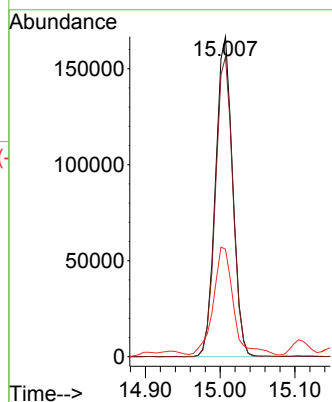
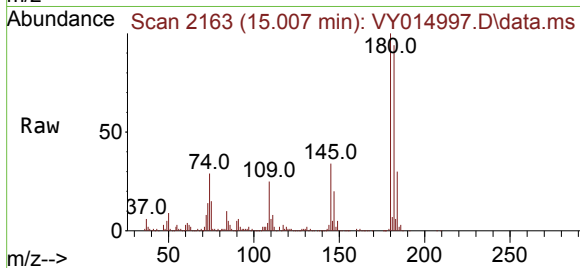
Tgt Ion:180 Resp: 266198

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 41.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.878 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

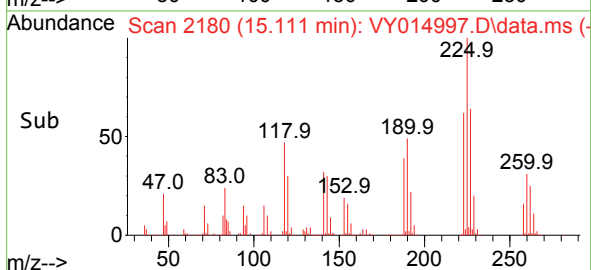
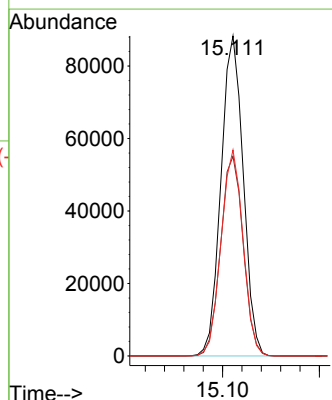
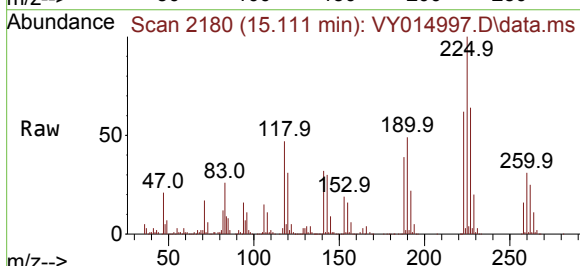
Tgt Ion:225 Resp: 140889

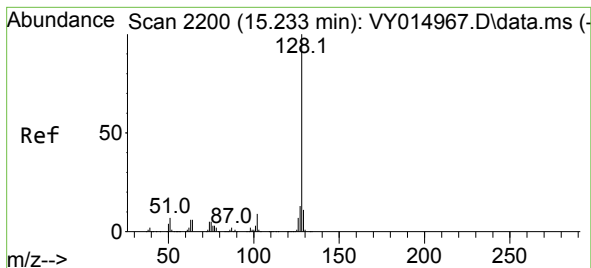
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 67.994 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

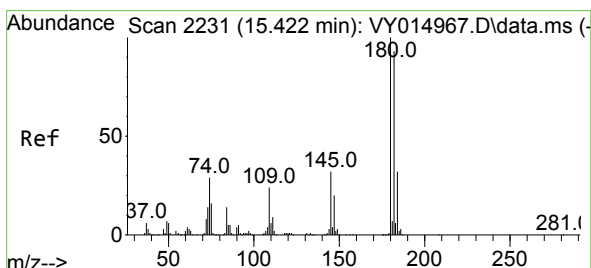
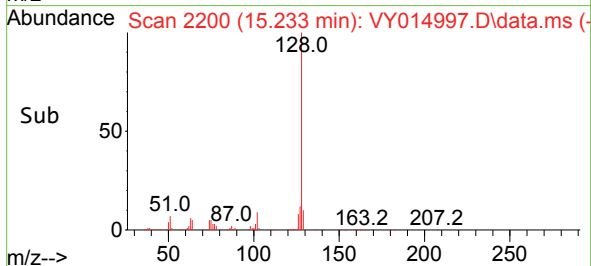
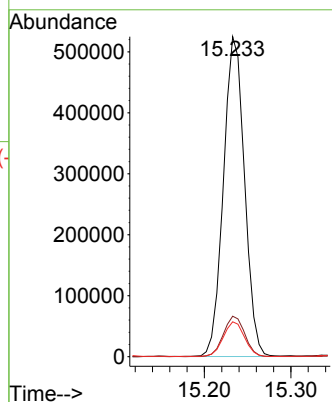
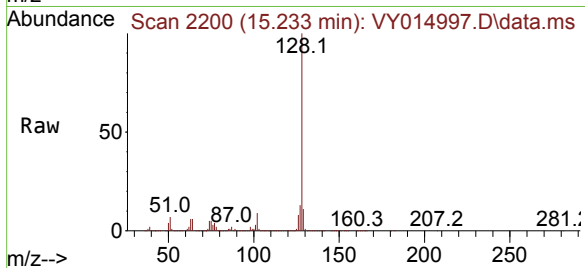
Tgt Ion:128 Resp: 886710

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.858 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY014997.D

Acq: 08 Aug 2023 19:54

Tgt Ion:180 Resp: 245110

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 41.2 15.4 46.2

