

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013529.D
 Acq On : 28 Apr 2023 17:38
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 28 23:14:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	298212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154008	47.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.716	113	141212	49.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.179	98	500750	49.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.477	95	184369	53.801	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	150468	53.074	ug/l	100
3) Chloromethane	2.113	50	183073	48.175	ug/l	100
4) Vinyl Chloride	2.253	62	182556	48.247	ug/l	98
5) Bromomethane	2.656	94	134019	44.446	ug/l	99
6) Chloroethane	2.796	64	119893	45.866	ug/l	99
7) Trichlorofluoromethane	3.125	101	285698	49.842	ug/l	95
8) Diethyl Ether	3.527	74	88359	45.267	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	158198	49.203	ug/l	96
10) Methyl Iodide	4.088	142	178931	44.308	ug/l	98
11) Tert butyl alcohol	4.997	59	62938	171.137	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	150870	48.679	ug/l	93
13) Acrolein	3.735	56	43782	149.730	ug/l	97
14) Allyl chloride	4.479	41	275675	47.937	ug/l	98
15) Acrylonitrile	5.167	53	235392	215.328	ug/l	99
16) Acetone	3.954	43	282036	219.076	ug/l	96
17) Carbon Disulfide	4.192	76	470502	46.735	ug/l	99
18) Methyl Acetate	4.479	43	173827	40.881	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	412260	46.075	ug/l	96
20) Methylene Chloride	4.716	84	195497	48.179	ug/l #	88
21) trans-1,2-Dichloroethene	5.216	96	169420	49.996	ug/l	93
22) Diisopropyl ether	6.119	45	572160	50.903	ug/l	96
23) Vinyl Acetate	6.058	43	1675668	263.299	ug/l	96
24) 1,1-Dichloroethane	6.015	63	318865	50.900	ug/l	99
25) 2-Butanone	6.984	43	348812	213.642	ug/l	93
26) 2,2-Dichloropropane	6.978	77	277892	51.479	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	190502	50.881	ug/l	96
28) Bromochloromethane	7.332	49	109759	49.373	ug/l #	81
29) Tetrahydrofuran	7.350	42	205412	202.114	ug/l	91
30) Chloroform	7.502	83	320955	51.530	ug/l	100
31) Cyclohexane	7.783	56	280955	48.002	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	288858	51.972	ug/l	97
36) 1,1-Dichloropropene	7.917	75	245266	51.719	ug/l	98
37) Ethyl Acetate	7.070	43	150388	42.140	ug/l	98
38) Carbon Tetrachloride	7.899	117	263972	53.108	ug/l	99
39) Methylcyclohexane	9.185	83	295421	52.841	ug/l	98
40) Benzene	8.161	78	692209	51.818	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	86760	52.170	ug/l	87
42) 1,2-Dichloroethane	8.234	62	220088	50.394	ug/l	99
43) Isopropyl Acetate	8.271	43	265984	44.156	ug/l	98
44) Trichloroethene	8.935	130	184242	51.850	ug/l	96
45) 1,2-Dichloropropane	9.216	63	182665	52.298	ug/l	99
46) Dibromomethane	9.307	93	102454	49.024	ug/l	95
47) Bromodichloromethane	9.496	83	246496	52.711	ug/l	99
48) Methyl methacrylate	9.295	41	129715	46.888	ug/l	92
49) 1,4-Dioxane	9.313	88	25568	856.618	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	754612	224.810	ug/l	96
52) Toluene	10.246	92	425356	52.913	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	253422	51.205	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	285621	51.288	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	136592	49.354	ug/l	95
56) Ethyl methacrylate	10.508	69	194057	50.541	ug/l	91
57) 1,3-Dichloropropane	10.788	76	240585	51.328	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	328051	227.846	ug/l	93
59) 2-Hexanone	10.831	43	562122	230.375	ug/l	96
60) Dibromochloromethane	10.983	129	168588	50.168	ug/l	99
61) 1,2-Dibromoethane	11.087	107	133895	49.208	ug/l	100
64) Tetrachloroethene	10.721	164	155602	49.388	ug/l	96
65) Chlorobenzene	11.514	112	457803	50.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	174530	51.703	ug/l	94
67) Ethyl Benzene	11.593	91	851809	53.744	ug/l	99
68) m/p-Xylenes	11.703	106	627570	104.158	ug/l	96
69) o-Xylene	12.026	106	301824	52.967	ug/l	94
70) Styrene	12.044	104	510831	53.615	ug/l	99
71) Bromoform	12.209	173	111194	47.028	ug/l	99
73) Isopropylbenzene	12.331	105	795814	53.006	ug/l	98
74) N-amyl acetate	12.142	43	252907	47.337	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	166247	45.302	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	217890	81.394	ug/l #	100
77) Bromobenzene	12.611	156	189214	52.013	ug/l	94
78) n-propylbenzene	12.672	91	983773	53.198	ug/l	97
79) 2-Chlorotoluene	12.758	91	538375	52.133	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	653662	53.343	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	58182	44.459	ug/l	96
82) 4-Chlorotoluene	12.855	91	566090	52.593	ug/l	97
83) tert-Butylbenzene	13.075	119	570012	53.691	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	643048	53.975	ug/l	100
85) sec-Butylbenzene	13.251	105	846948	53.156	ug/l	98
86) p-Isopropyltoluene	13.367	119	692557	54.050	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	360552	52.022	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	358983	51.275	ug/l	99
89) n-Butylbenzene	13.696	91	690862	55.243	ug/l	98
90) Hexachloroethane	13.959	117	134871	50.013	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	324705	51.881	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29455	45.447	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	205864	55.170	ug/l	99
94) Hexachlorobutadiene	15.111	225	121250	55.833	ug/l	100
95) Naphthalene	15.239	128	417605	51.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	183224	55.092	ug/l	99

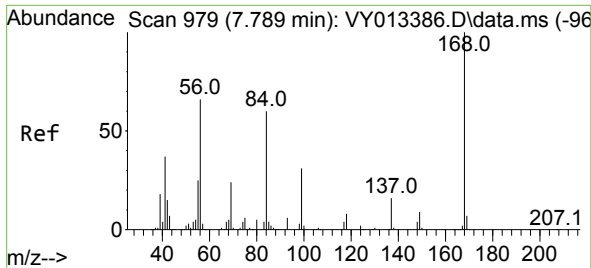
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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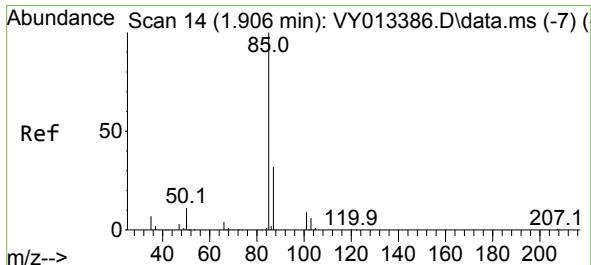
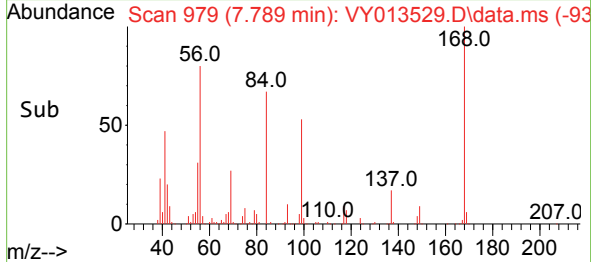
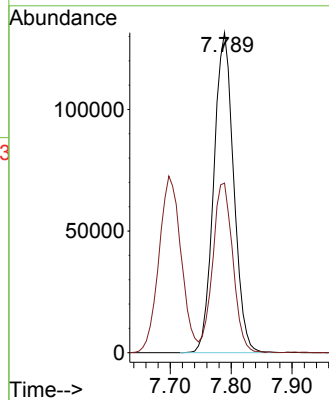
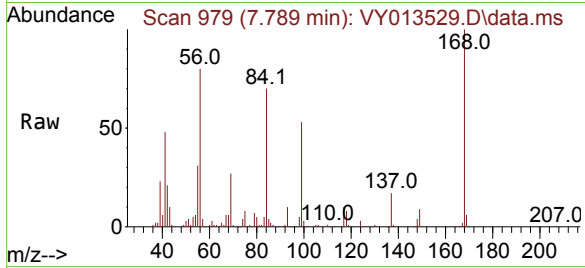
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013529.D
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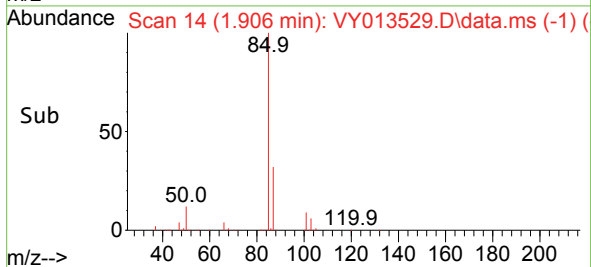
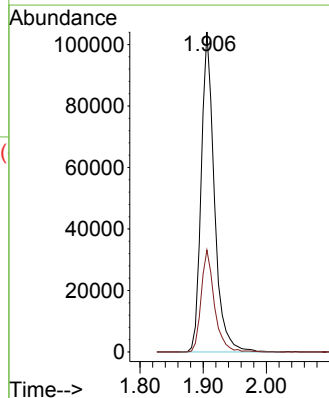
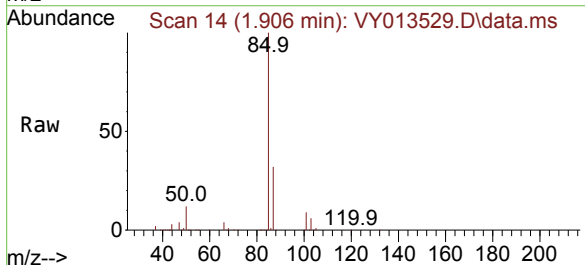
Instrument :
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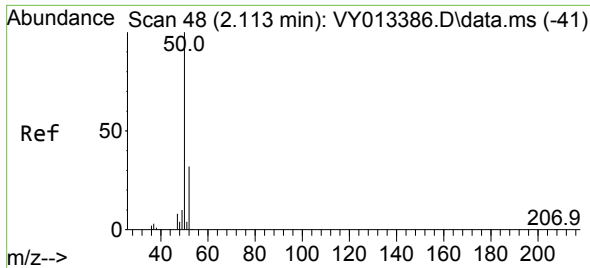
Tgt Ion:168 Resp: 298212
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 53.074 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 85 Resp: 150468
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2

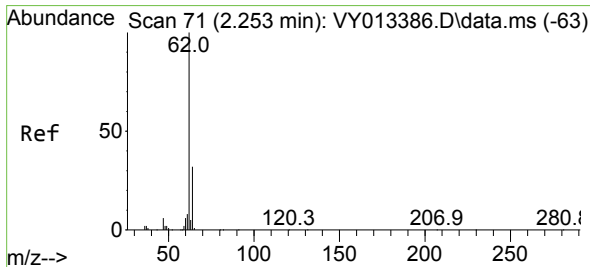
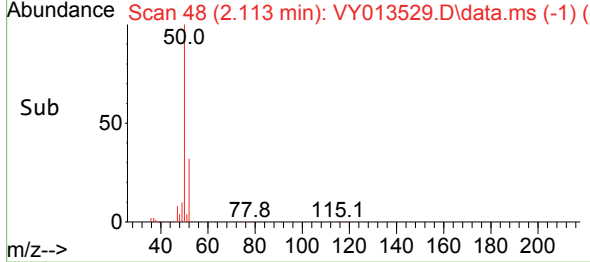
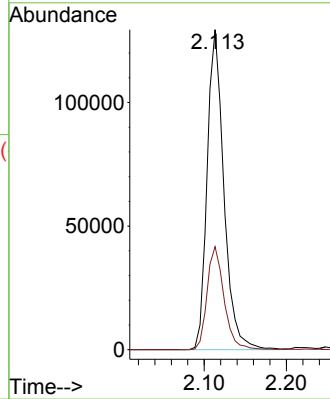
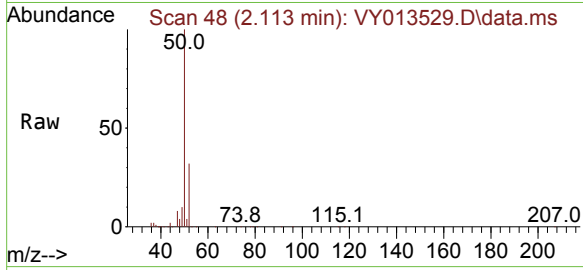




#3
Chloromethane
Concen: 48.175 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

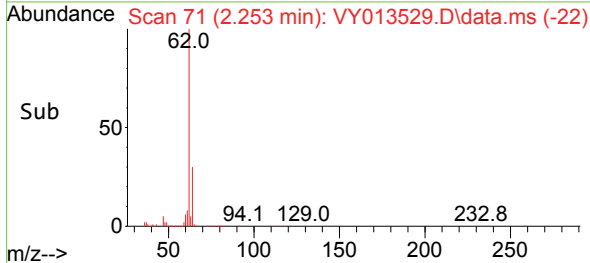
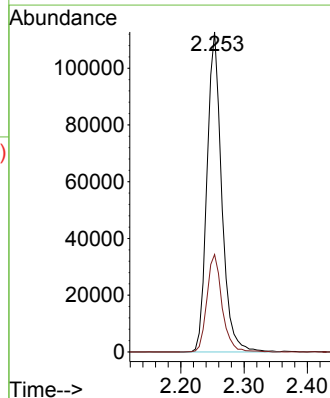
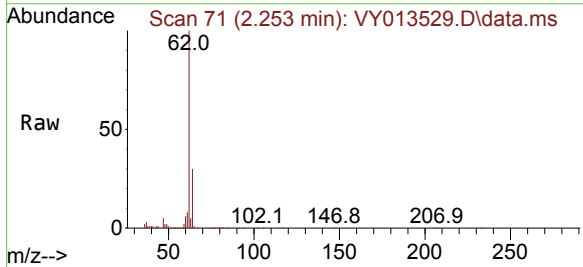
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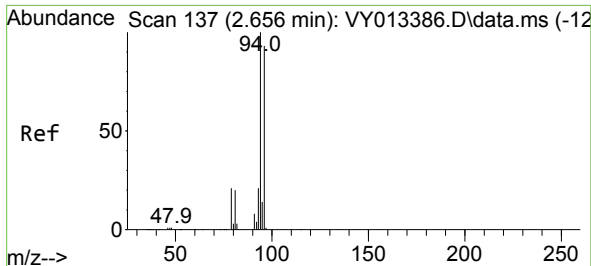
Tgt Ion: 50 Resp: 183073
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 48.247 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013529.D
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Tgt Ion: 62 Resp: 182556
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0

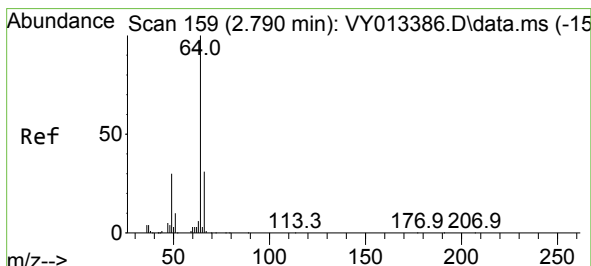
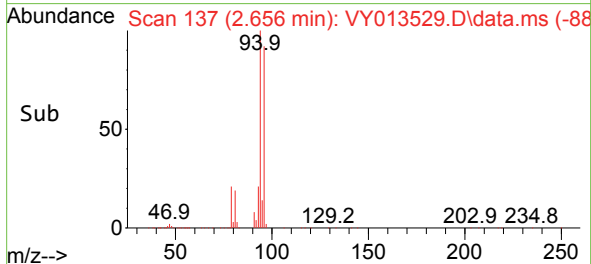
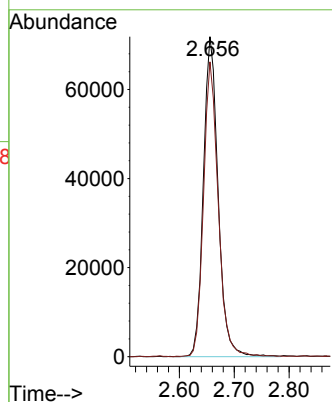
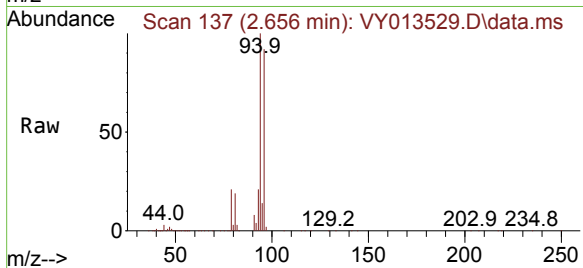




#5
Bromomethane
Concen: 44.446 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

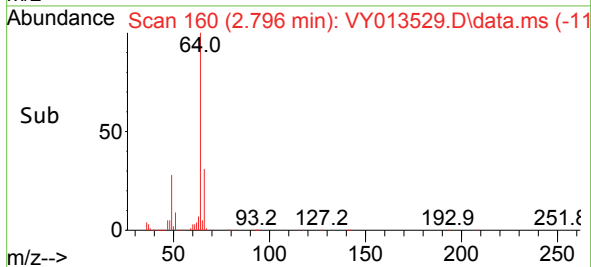
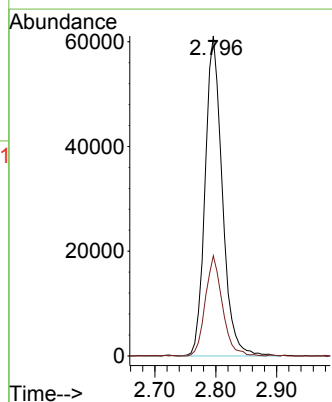
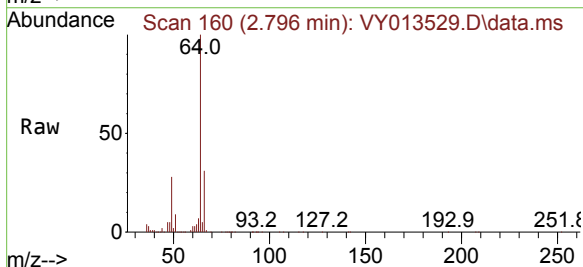
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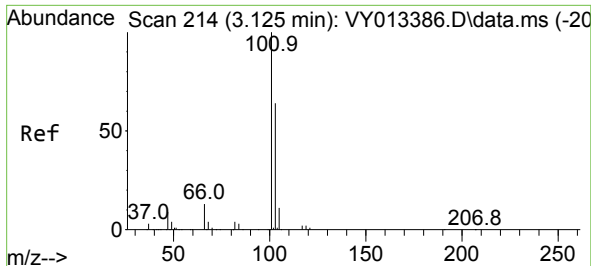
Tgt Ion: 94 Resp: 134019
Ion Ratio Lower Upper
94 100
96 92.1 74.2 111.2



#6
Chloroethane
Concen: 45.866 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 64 Resp: 119893
Ion Ratio Lower Upper
64 100
66 31.3 24.6 37.0

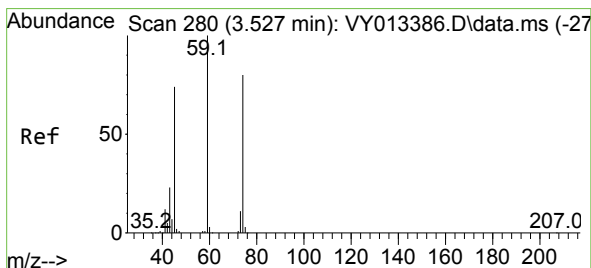
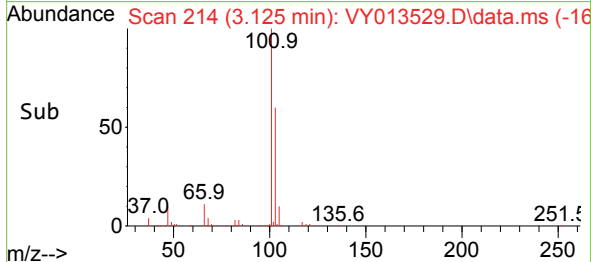
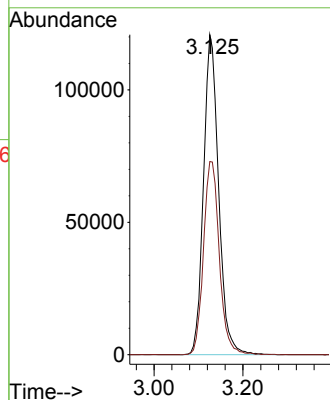
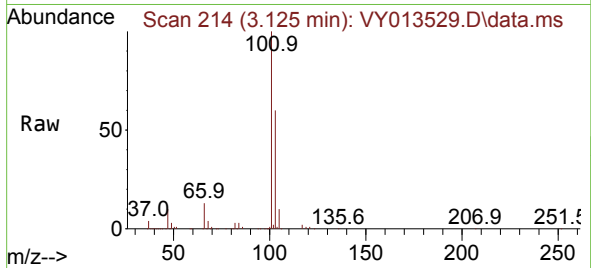




#7
 Trichlorofluoromethane
 Concen: 49.842 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

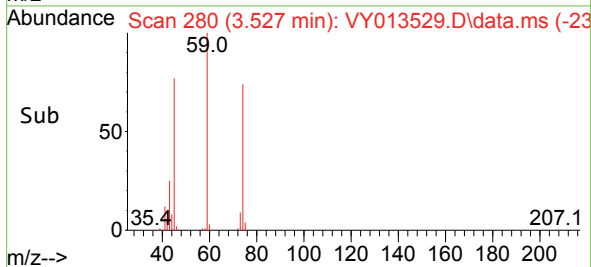
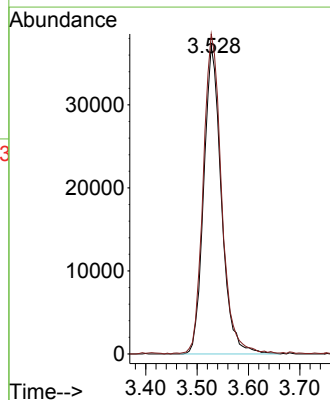
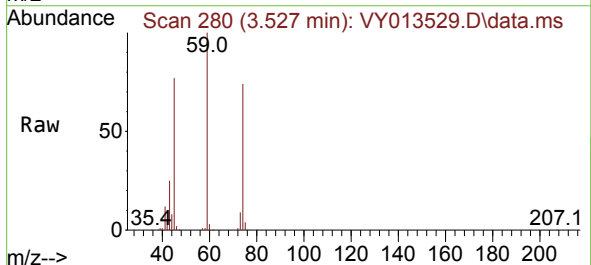
Instrument :
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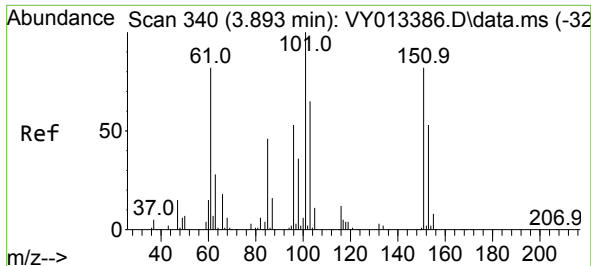
Tgt Ion:101 Resp: 285698
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 45.267 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

Tgt Ion: 74 Resp: 88359
 Ion Ratio Lower Upper
 74 100
 45 108.7 48.2 144.6

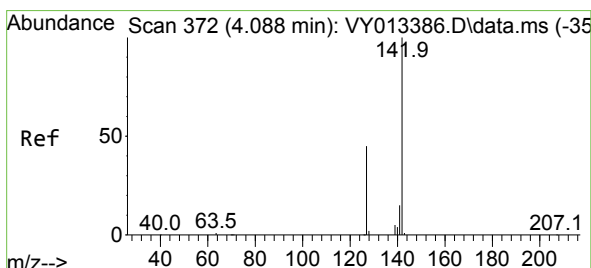
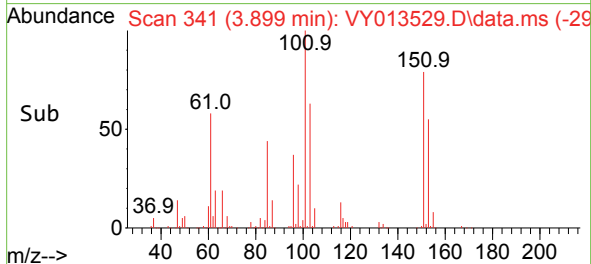
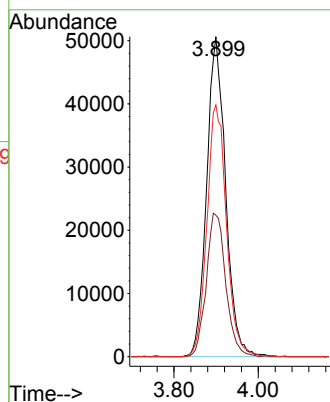
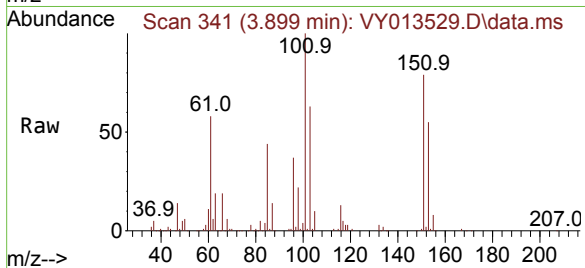




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.203 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
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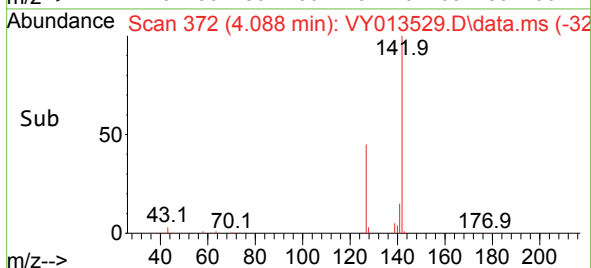
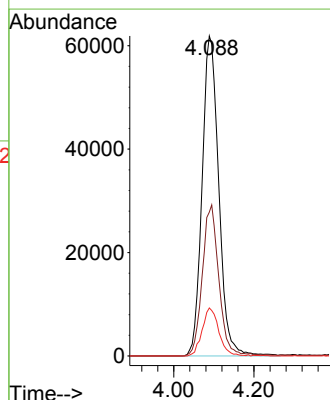
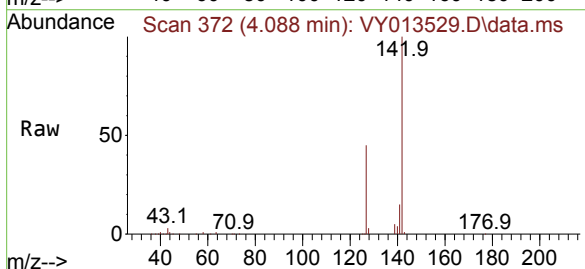
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

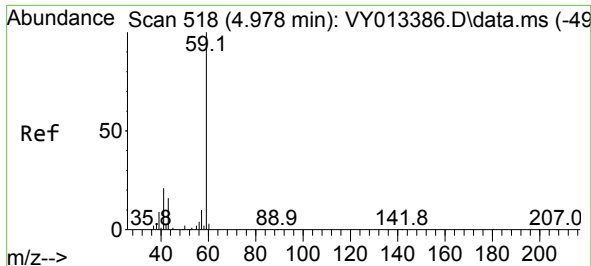
Tgt Ion:101 Resp: 158198
Ion Ratio Lower Upper
101 100
85 46.0 35.6 53.4
151 81.2 68.0 102.0



#10
Methyl Iodide
Concen: 44.308 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion:142 Resp: 178931
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 14.9 11.6 17.4

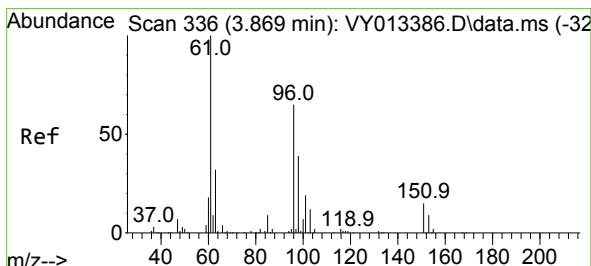
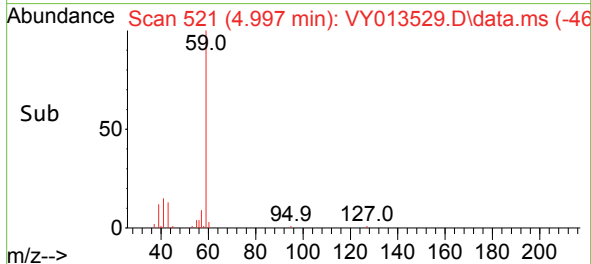
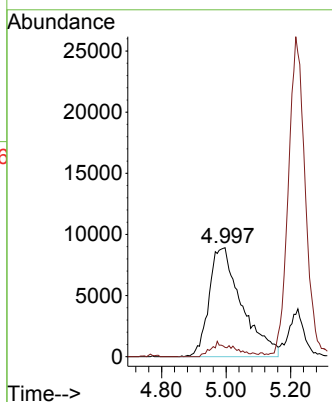
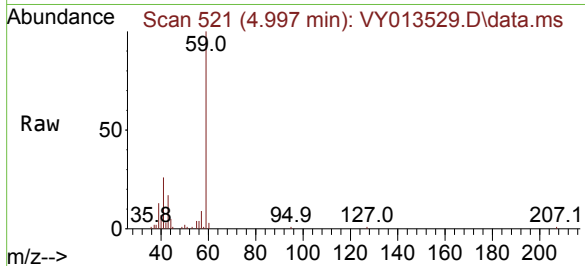




#11
Tert butyl alcohol
Concen: 171.137 ug/l
RT: 4.997 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

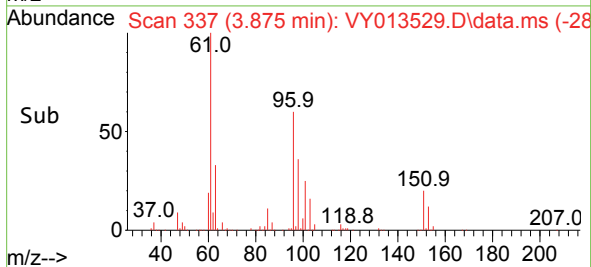
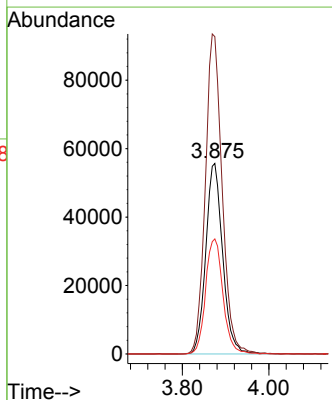
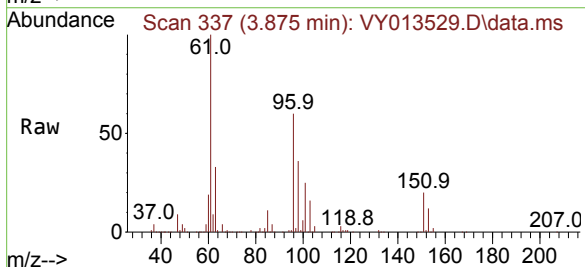
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

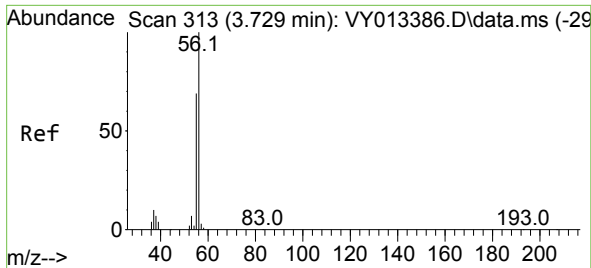
Tgt Ion: 59 Resp: 62938
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.679 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 96 Resp: 150870
Ion Ratio Lower Upper
96 100
61 166.5 123.9 185.9
98 60.4 48.9 73.3

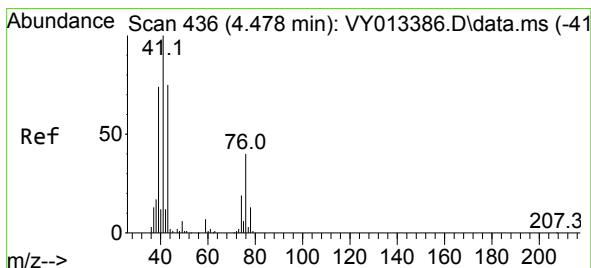
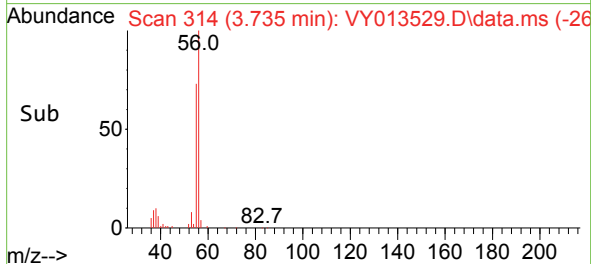
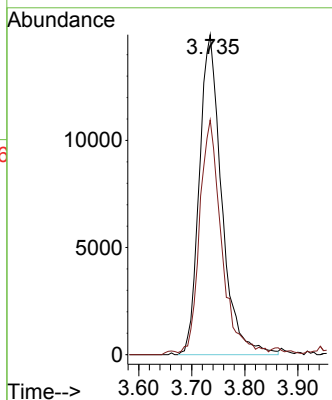
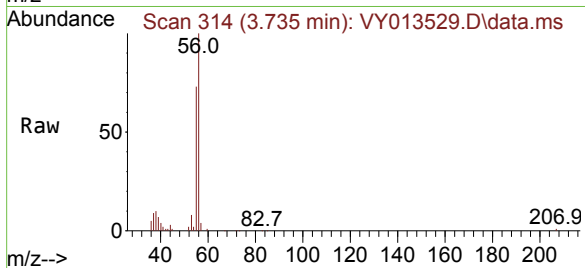




#13
Acrolein
Concen: 149.730 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

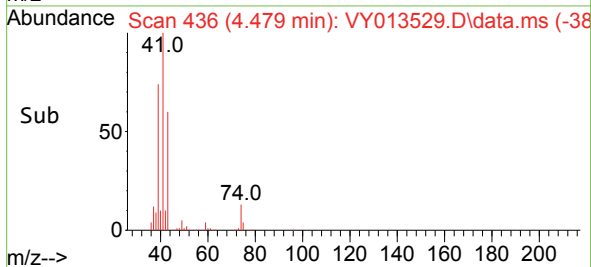
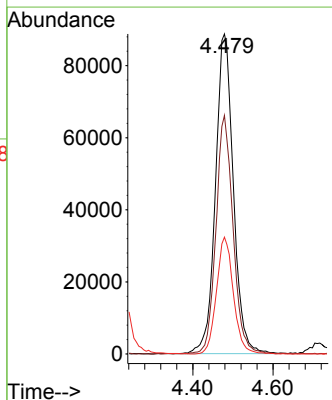
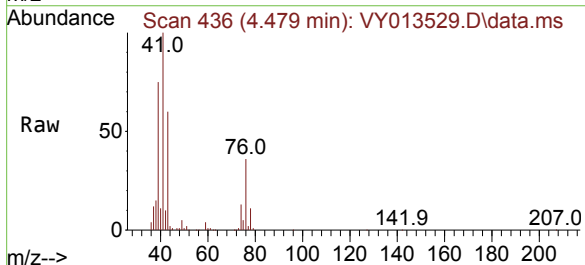
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

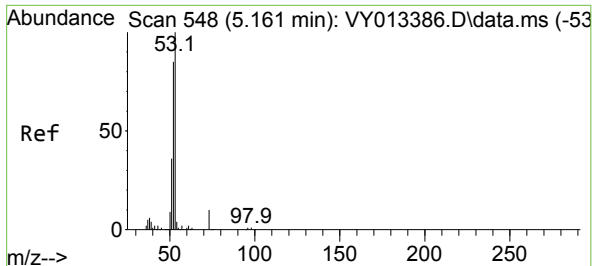
Tgt Ion: 56 Resp: 43782
Ion Ratio Lower Upper
56 100
55 69.6 54.1 81.1



#14
Allyl chloride
Concen: 47.937 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 41 Resp: 275675
Ion Ratio Lower Upper
41 100
39 71.0 56.6 85.0
76 34.5 30.5 45.7

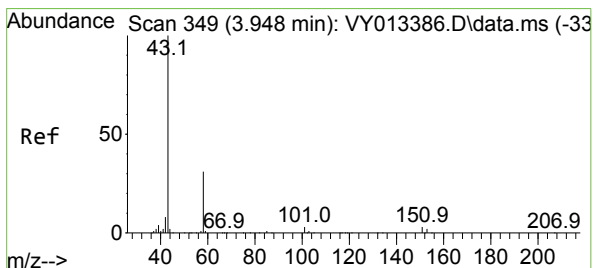
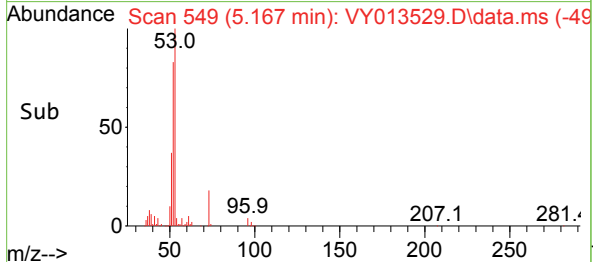
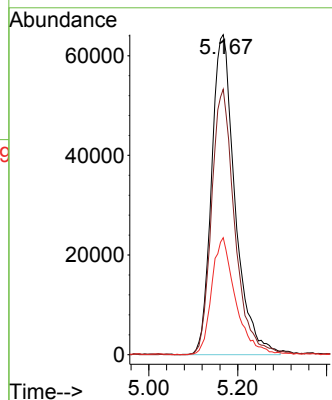
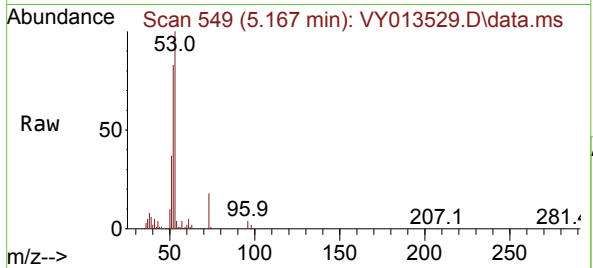




#15
Acrylonitrile
Concen: 215.328 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

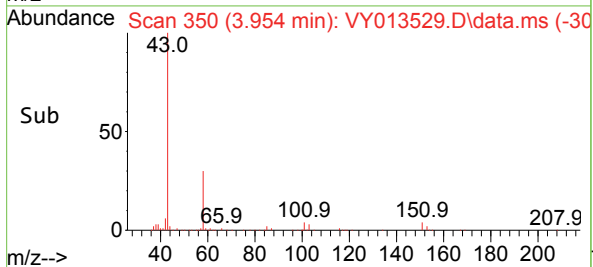
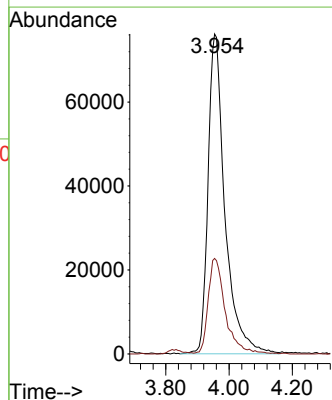
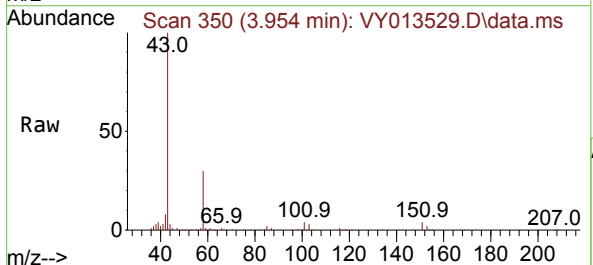
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

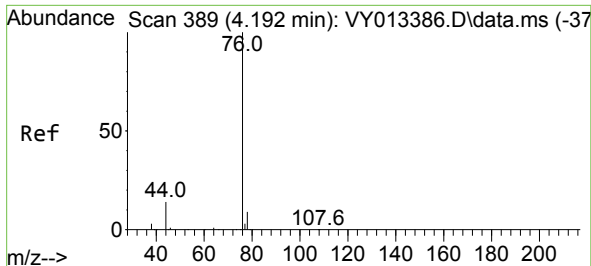
Tgt Ion: 53 Resp: 235392
Ion Ratio Lower Upper
53 100
52 82.3 65.4 98.0
51 37.3 29.3 43.9



#16
Acetone
Concen: 219.076 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 43 Resp: 282036
Ion Ratio Lower Upper
43 100
58 29.7 25.4 38.0

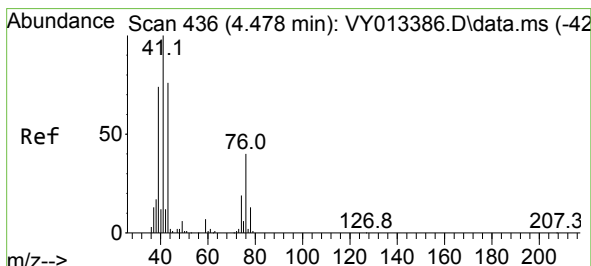
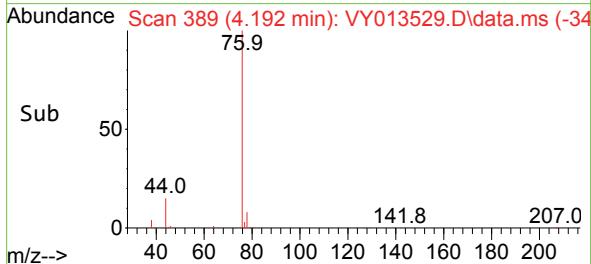
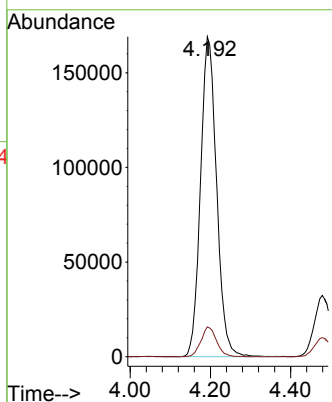
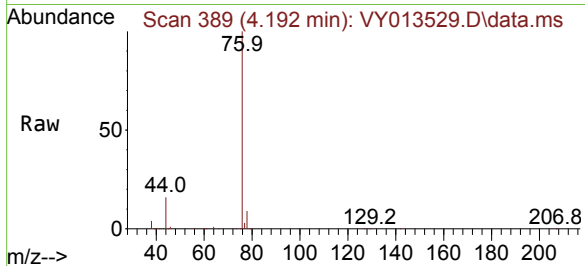




#17
Carbon Disulfide
Concen: 46.735 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

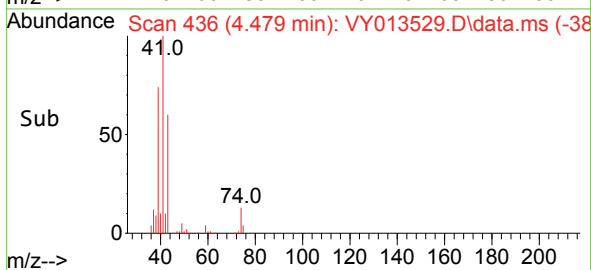
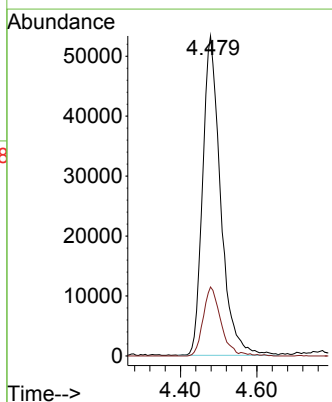
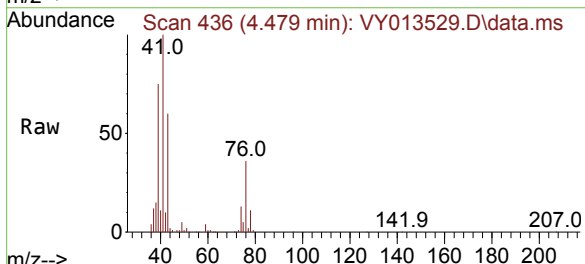
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

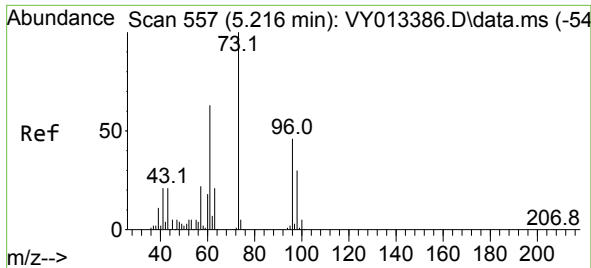
Tgt Ion: 76 Resp: 470502
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 40.881 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 43 Resp: 173827
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2

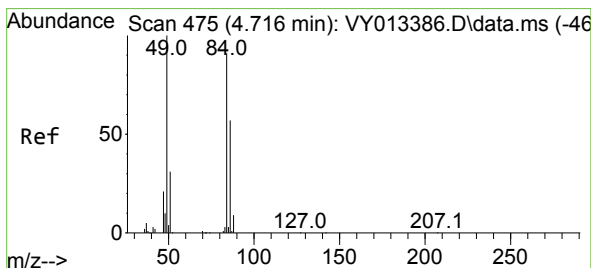
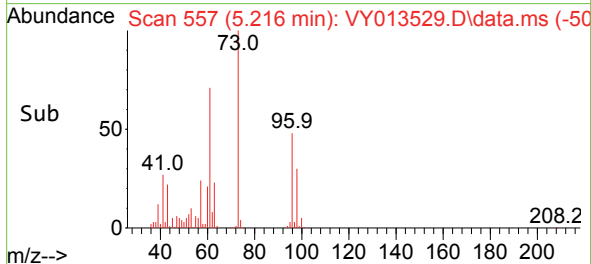
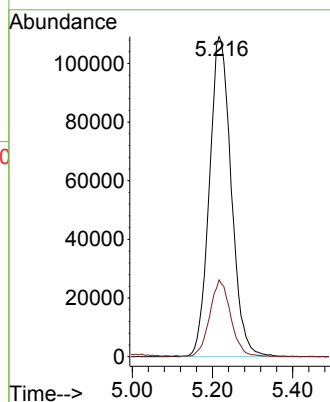
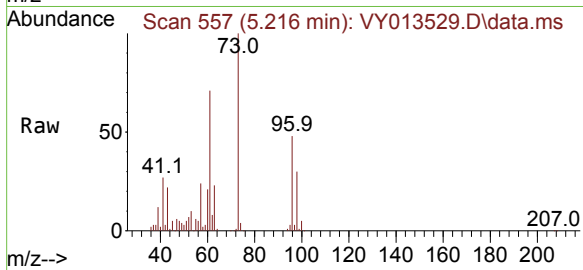




#19
Methyl tert-butyl Ether
Concen: 46.075 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

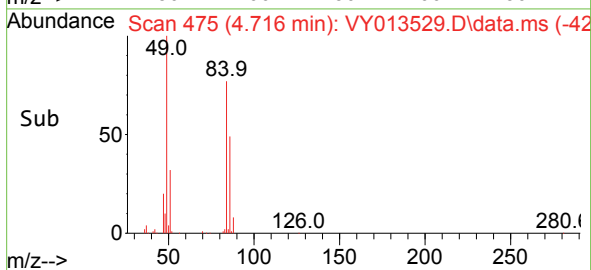
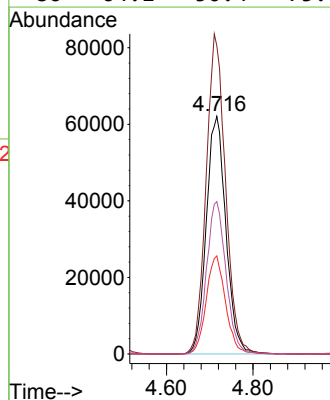
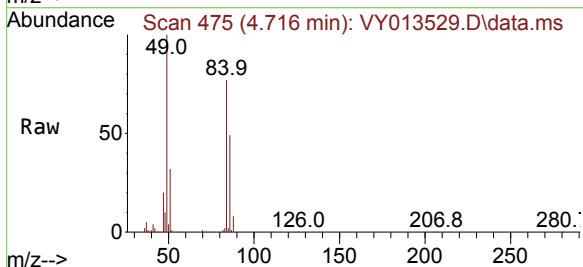
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

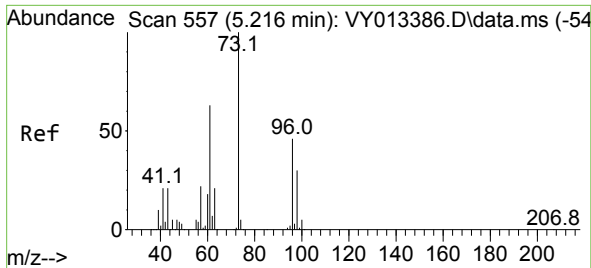
Tgt Ion: 73 Resp: 412260
Ion Ratio Lower Upper
73 100
57 24.0 17.8 26.8



#20
Methylene Chloride
Concen: 48.179 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 84 Resp: 195497
Ion Ratio Lower Upper
84 100
49 129.7 88.0 132.0
51 41.2 27.4 41.0#
86 64.1 50.4 75.6

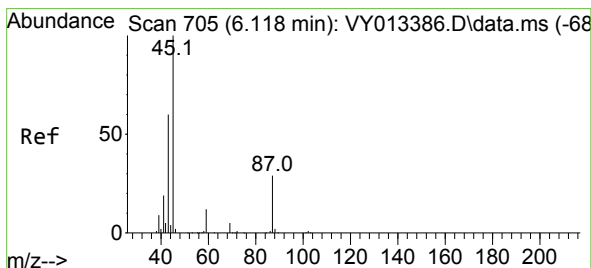
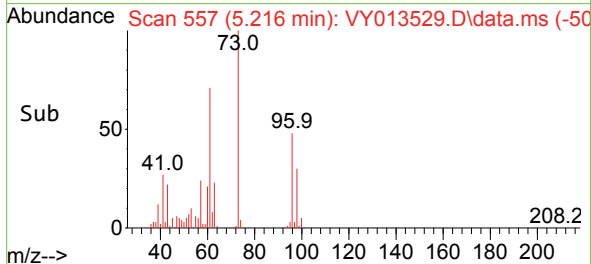
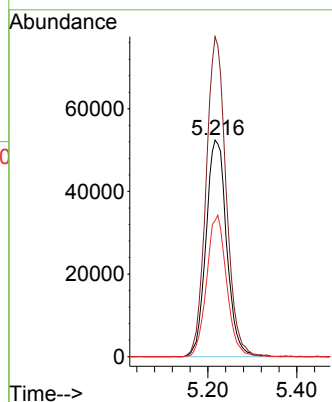
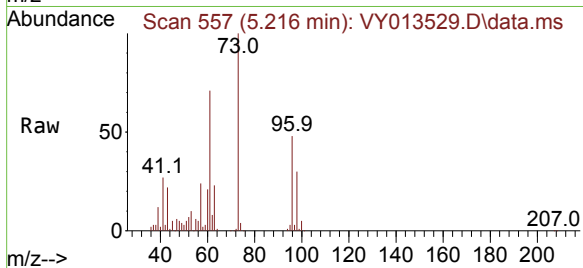




#21
trans-1,2-Dichloroethene
Concen: 49.996 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

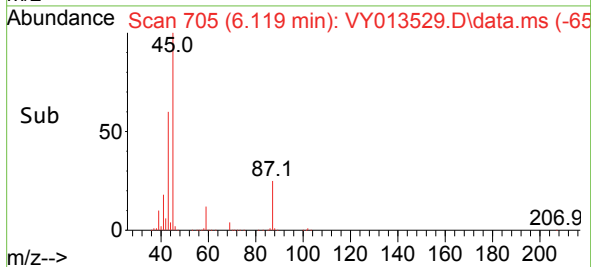
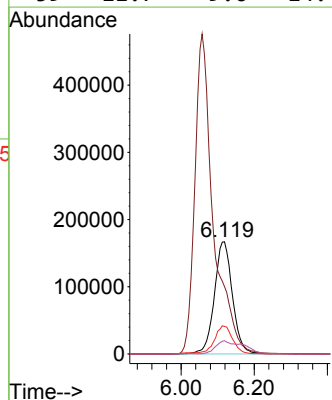
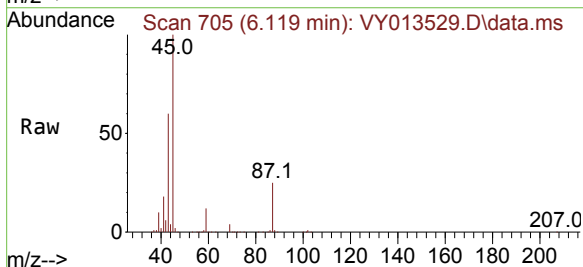
Instrument :
MSVOA_Y
ClientSampleId :
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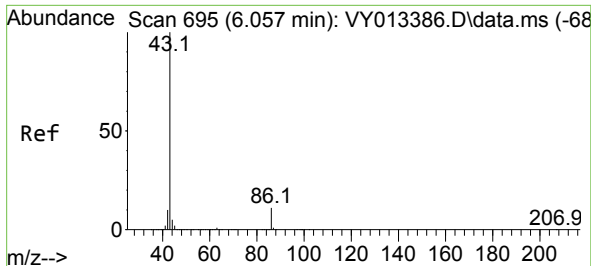
Tgt Ion: 96 Resp: 169420
Ion Ratio Lower Upper
96 100
61 147.7 110.6 165.8
98 62.8 53.1 79.7



#22
Diisopropyl ether
Concen: 50.903 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 45 Resp: 572160
Ion Ratio Lower Upper
45 100
43 59.5 48.4 72.6
87 24.5 23.8 35.6
59 11.7 9.6 14.4

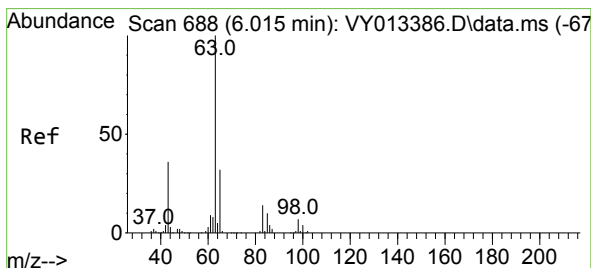
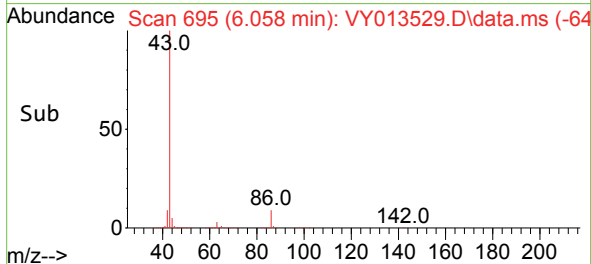
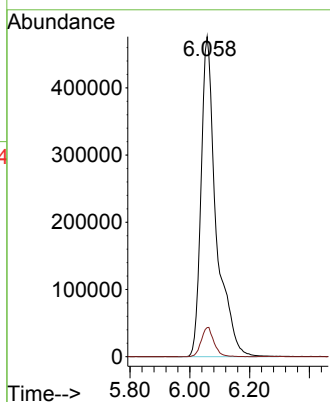
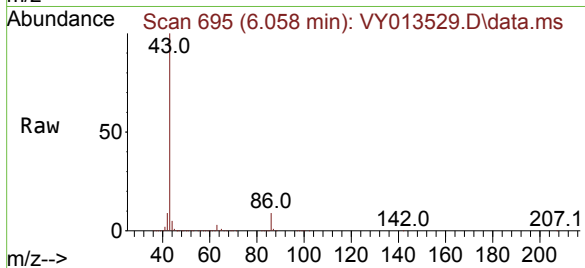




#23
 Vinyl Acetate
 Concen: 263.299 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

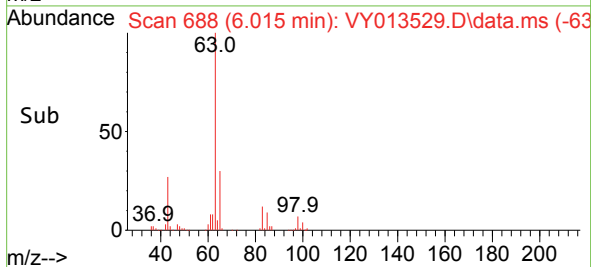
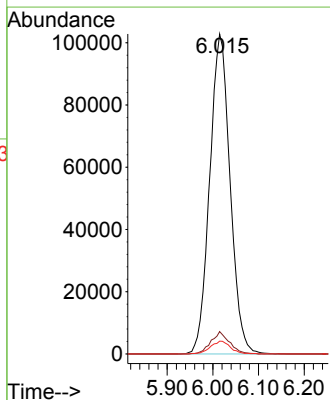
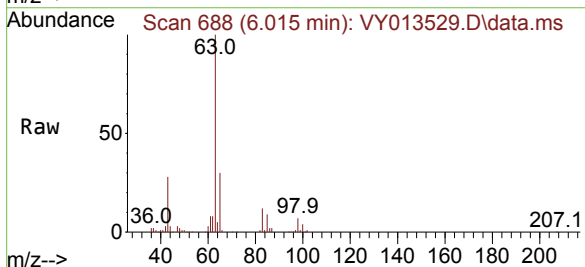
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

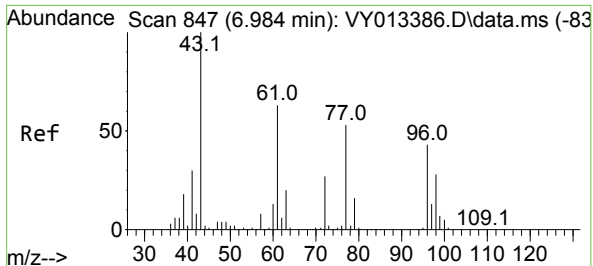
Tgt Ion: 43 Resp: 1675668
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.900 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

Tgt Ion: 63 Resp: 318865
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.0 2.2 6.6

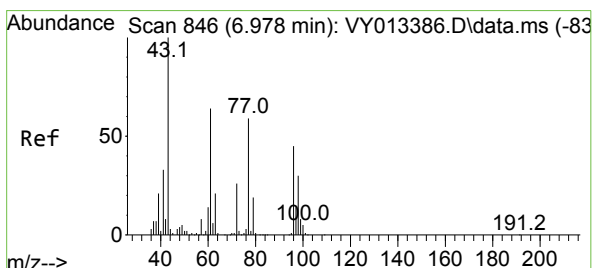
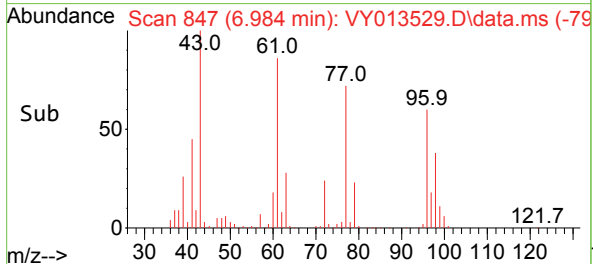
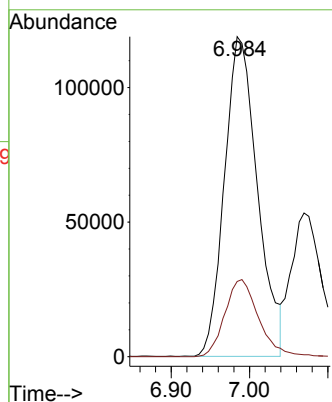
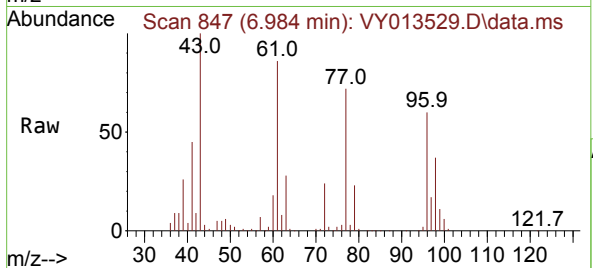




#25
2-Butanone
Concen: 213.642 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

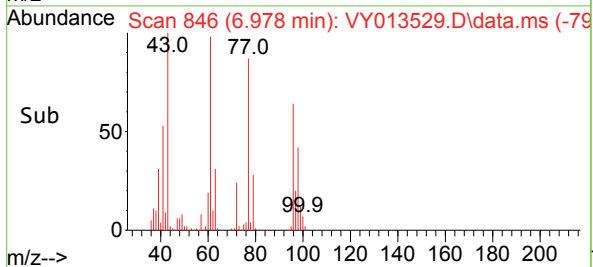
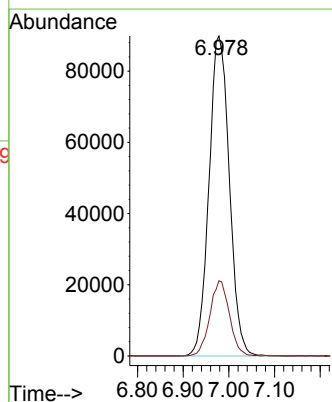
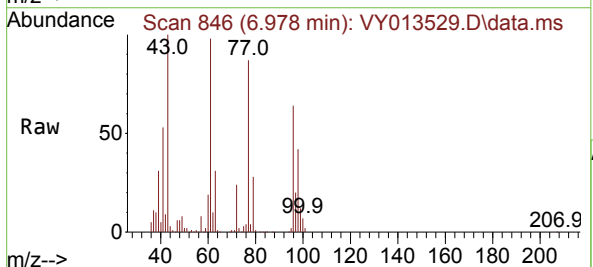
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

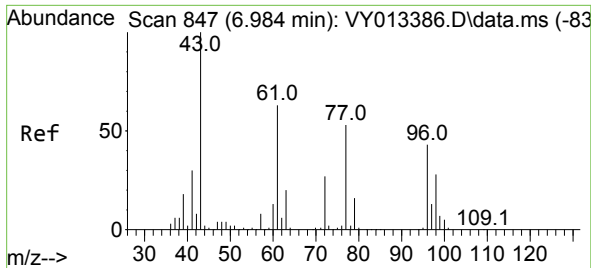
Tgt Ion: 43 Resp: 348812
Ion Ratio Lower Upper
43 100
72 23.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 51.479 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 77 Resp: 277892
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.4

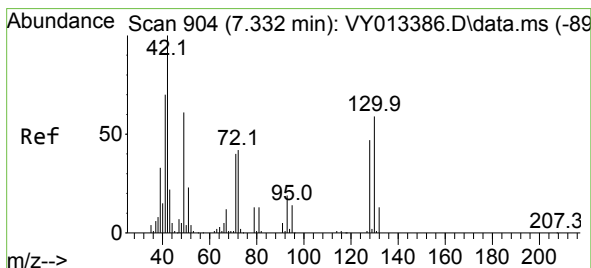
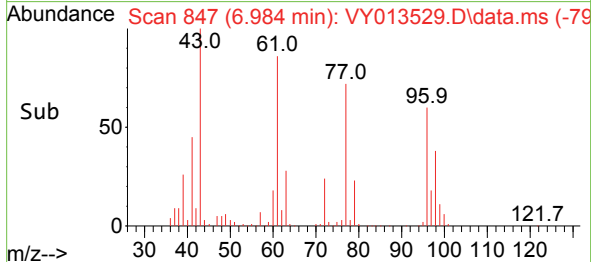
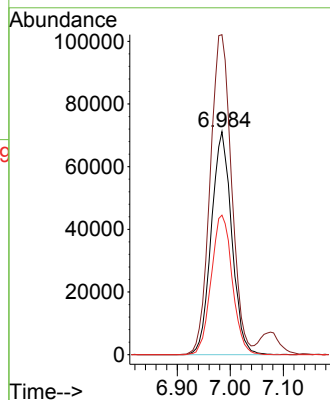
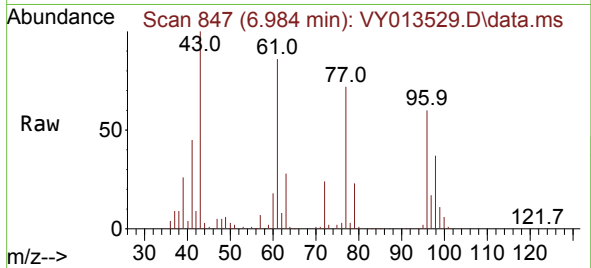




#27
 cis-1,2-Dichloroethene
 Concen: 50.881 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

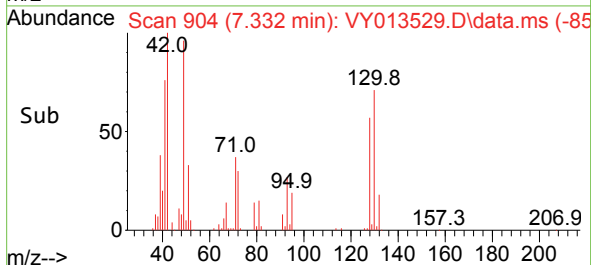
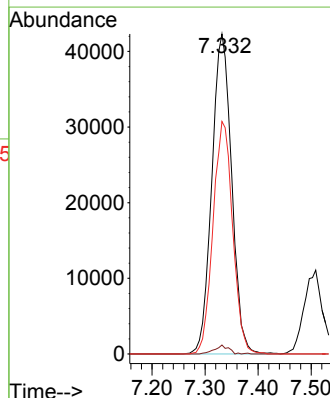
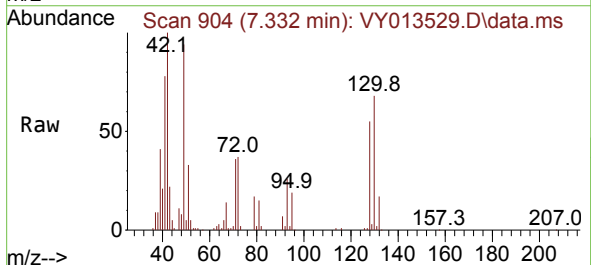
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

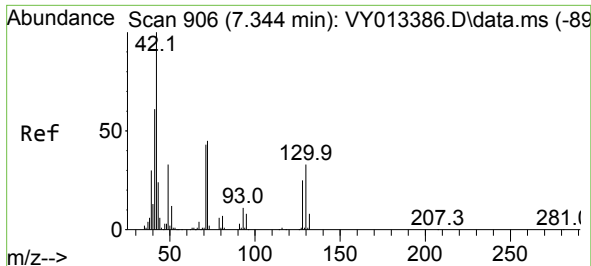
Tgt Ion: 96 Resp: 190502
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 285.0
 98 64.5 0.0 130.6



#28
 Bromochloromethane
 Concen: 49.373 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

Tgt Ion: 49 Resp: 109759
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.2
 130 72.1 72.1 108.1#





#29

Tetrahydrofuran

Concen: 202.114 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

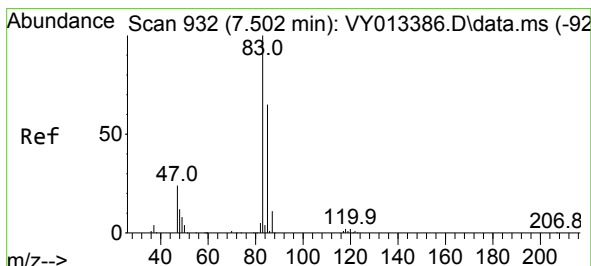
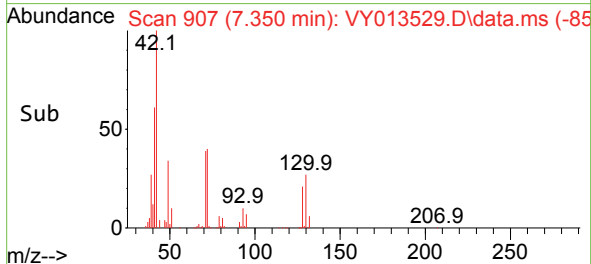
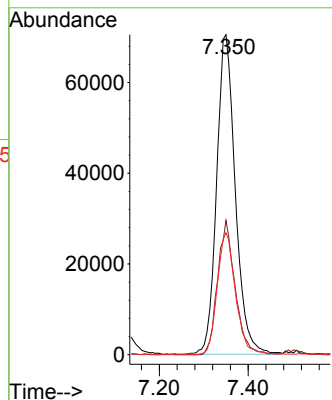
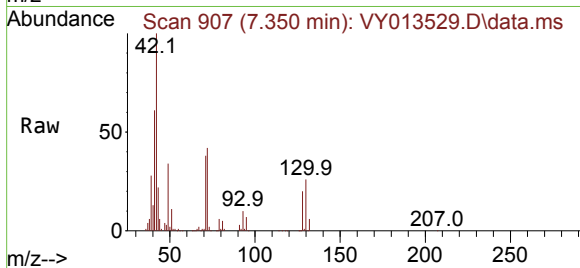
Tgt Ion: 42 Resp: 205412

Ion Ratio Lower Upper

42 100

72 39.3 35.9 53.9

71 37.5 34.3 51.5



#30

Chloroform

Concen: 51.530 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013529.D

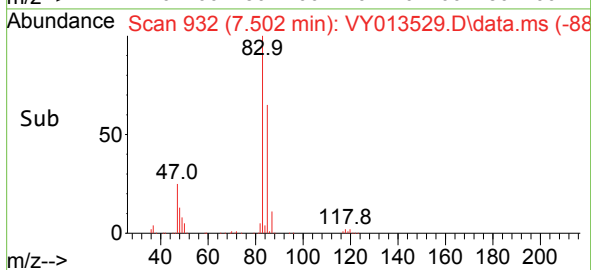
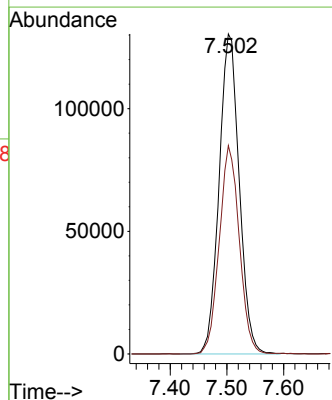
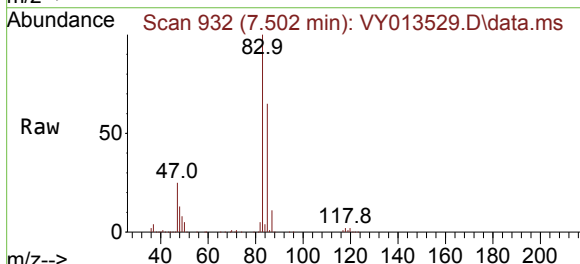
Acq: 28 Apr 2023 17:38

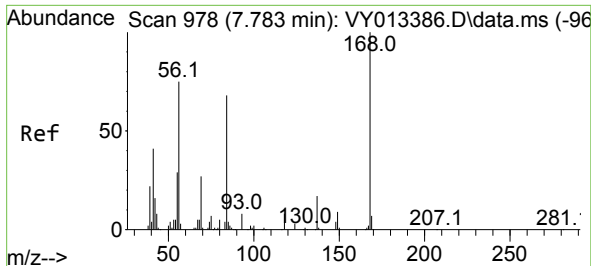
Tgt Ion: 83 Resp: 320955

Ion Ratio Lower Upper

83 100

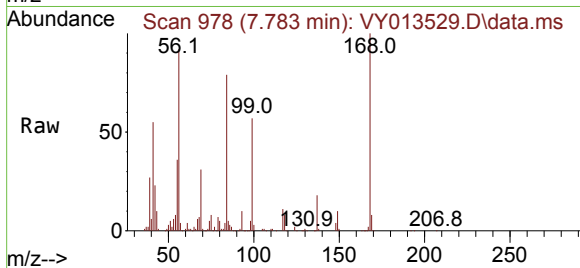
85 65.1 52.0 78.0



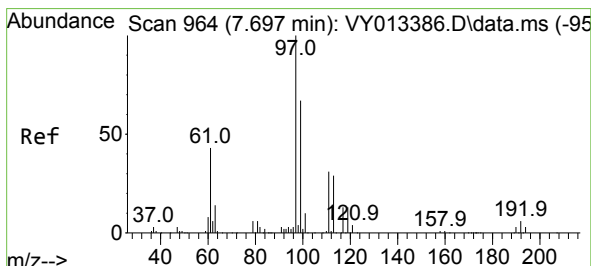
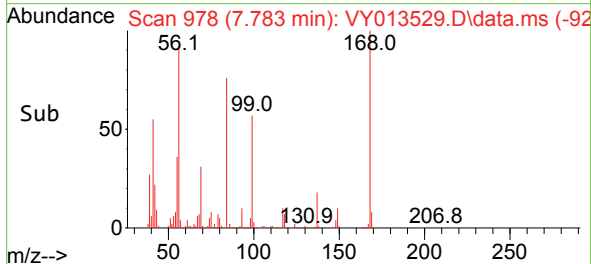
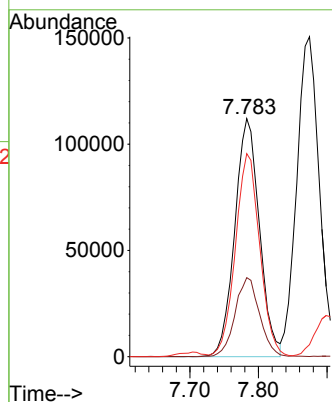


#31
Cyclohexane
Concen: 48.002 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

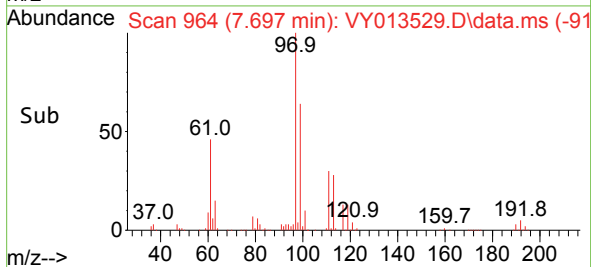
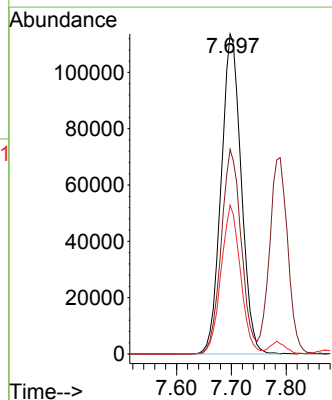
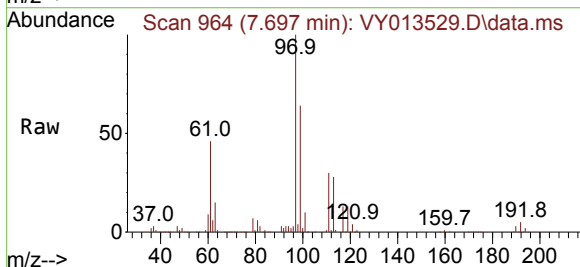


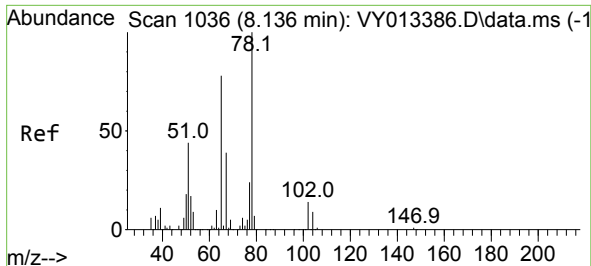
Tgt Ion: 56 Resp: 280955
Ion Ratio Lower Upper
56 100
69 33.1 29.2 43.8
84 84.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 51.972 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 97 Resp: 288858
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 45.3 33.8 50.8

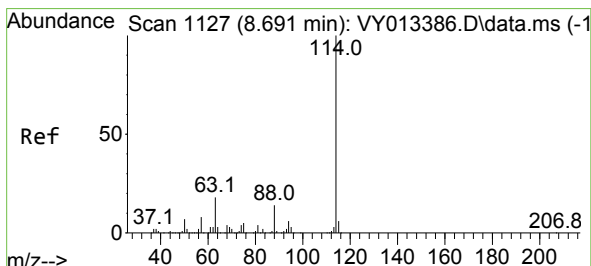
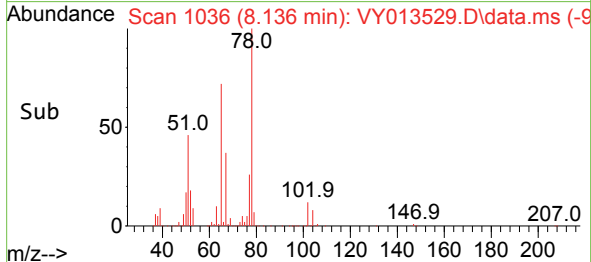
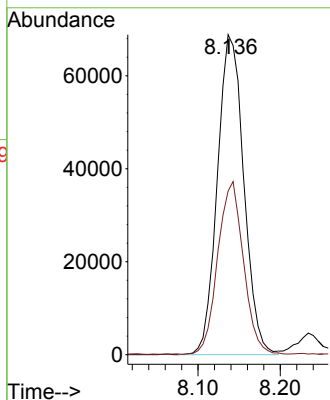
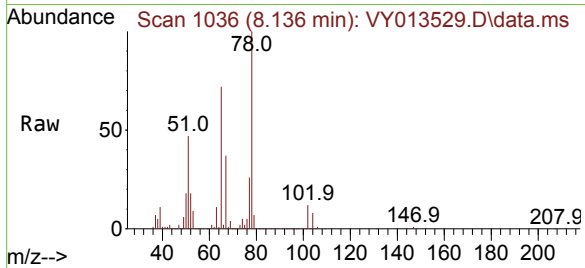




#33
1,2-Dichloroethane-d4
Concen: 47.111 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

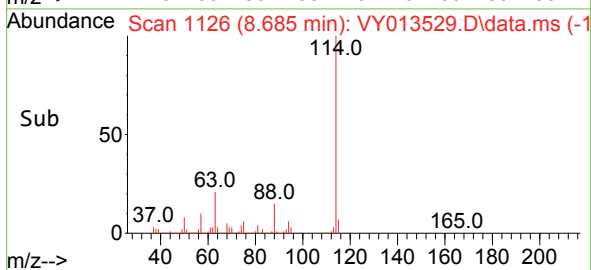
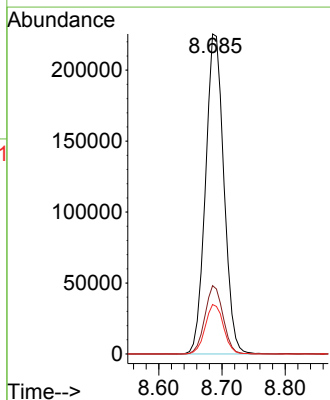
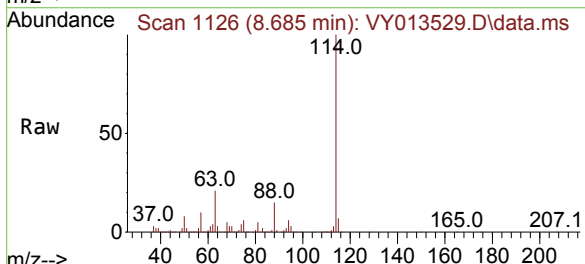
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

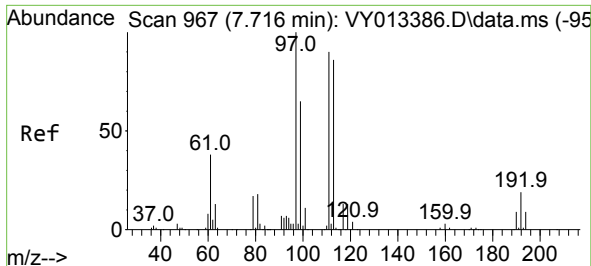
Tgt Ion: 65 Resp: 154008
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 114 Resp: 454315
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.6
88 15.5 0.0 28.8

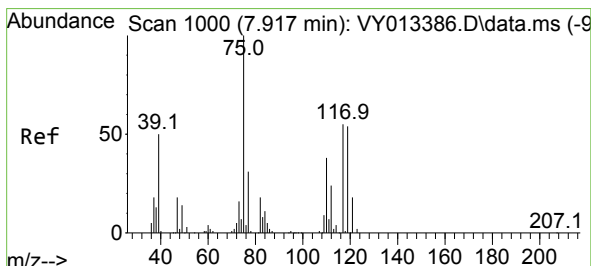
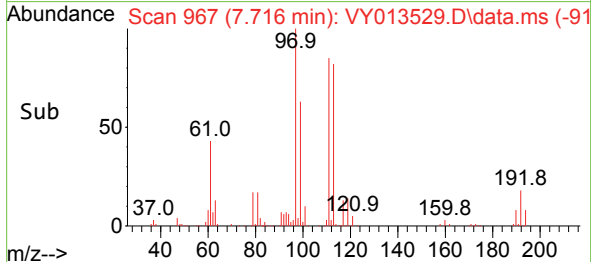
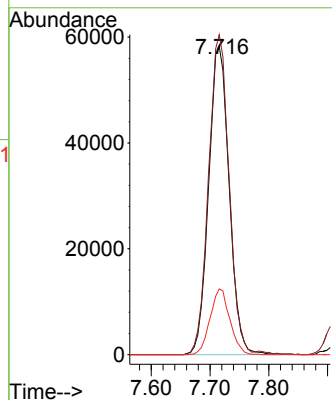
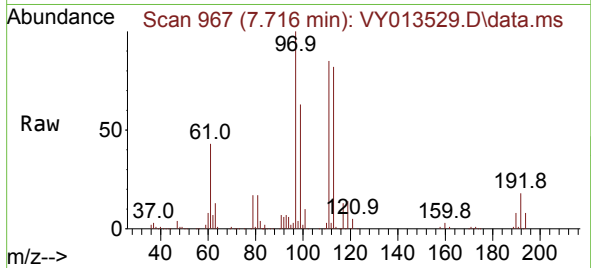




#35
Dibromofluoromethane
Concen: 49.419 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

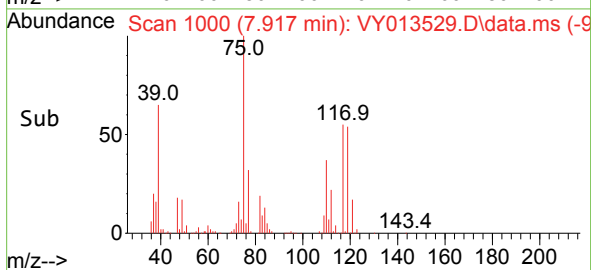
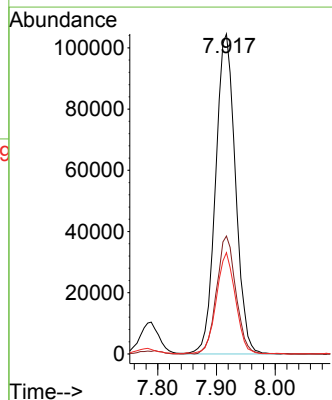
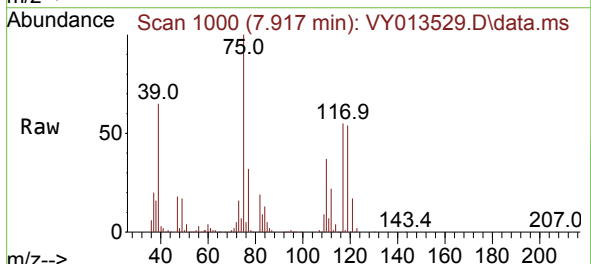
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

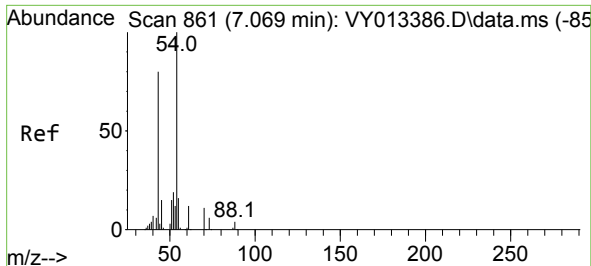
Tgt Ion:113 Resp: 141212
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.719 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 75 Resp: 245266
Ion Ratio Lower Upper
75 100
110 35.8 18.7 56.1
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 42.140 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

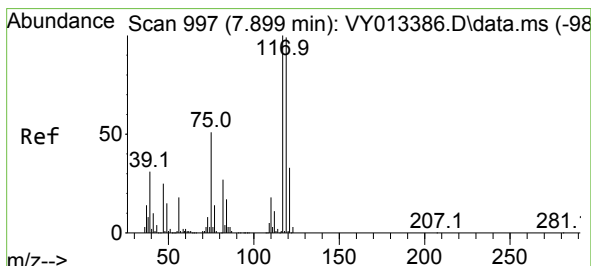
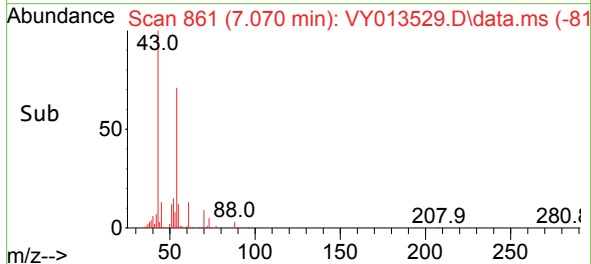
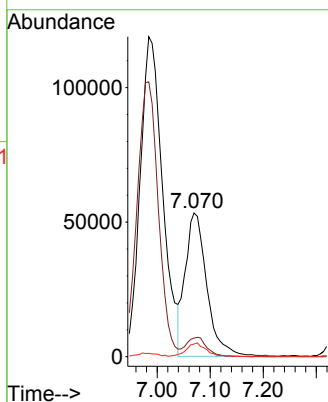
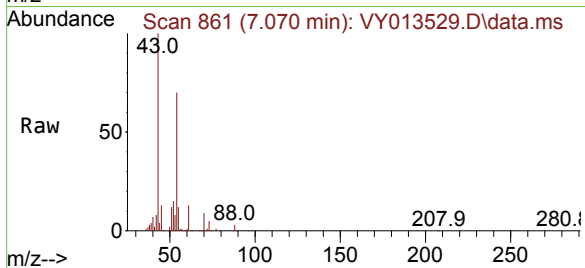
Tgt Ion: 43 Resp: 150388

Ion Ratio Lower Upper

43 100

61 13.3 11.4 17.0

70 8.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 53.108 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

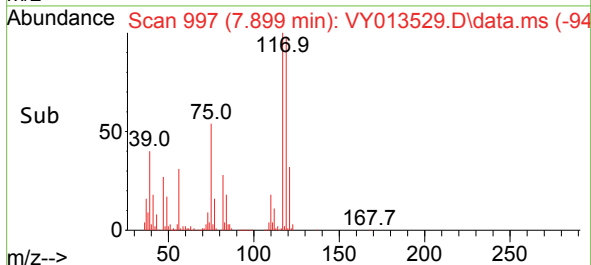
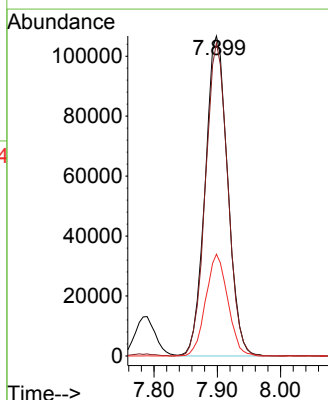
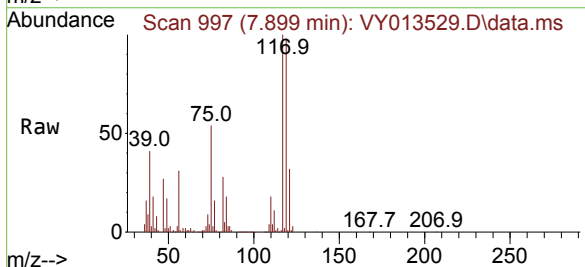
Tgt Ion: 117 Resp: 263972

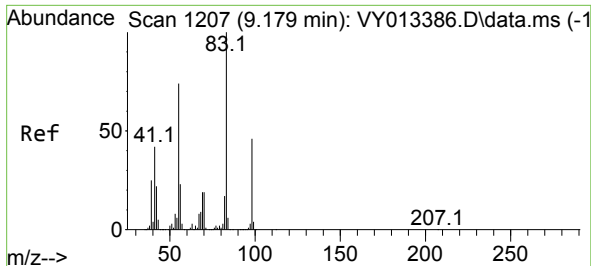
Ion Ratio Lower Upper

117 100

119 97.7 79.0 118.6

121 31.8 26.6 40.0





#39

Methylcyclohexane

Concen: 52.841 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

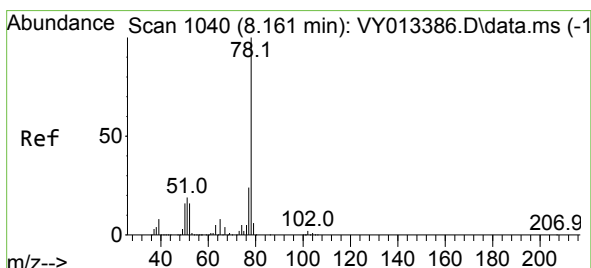
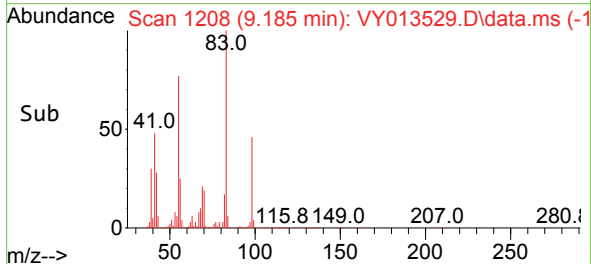
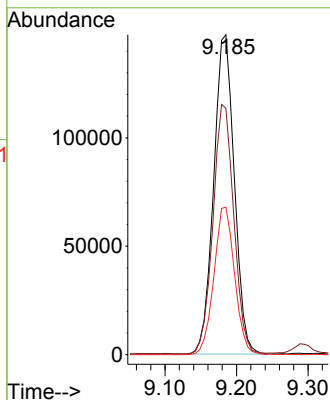
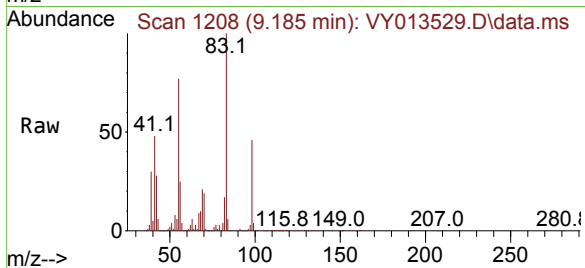
Tgt Ion: 83 Resp: 295421

Ion Ratio Lower Upper

83 100

55 76.9 59.0 88.4

98 46.2 37.0 55.4



#40

Benzene

Concen: 51.818 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013529.D

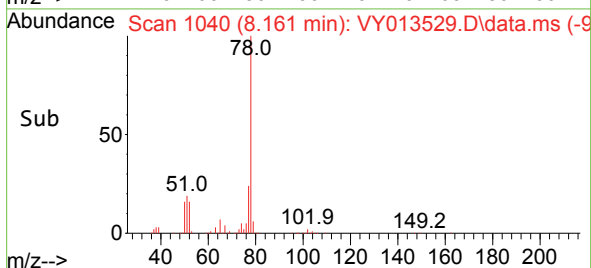
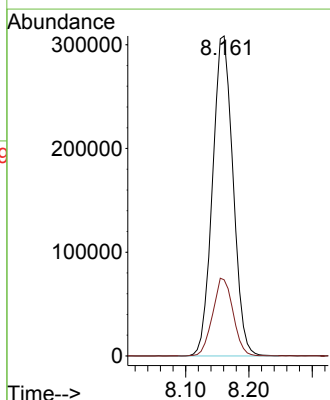
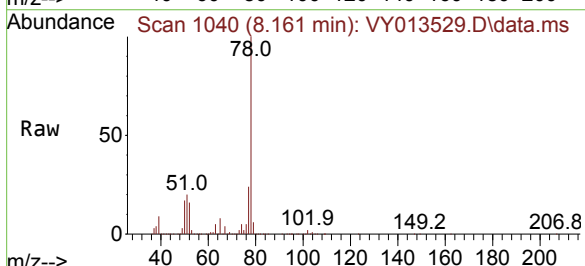
Acq: 28 Apr 2023 17:38

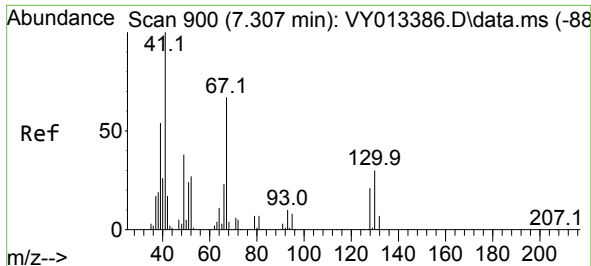
Tgt Ion: 78 Resp: 692209

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8

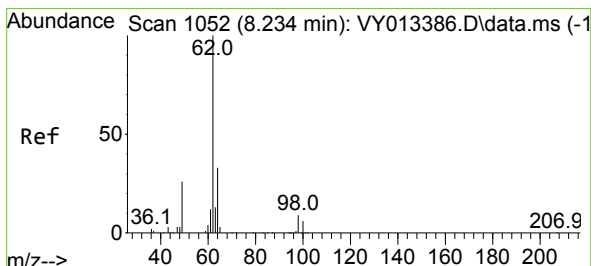
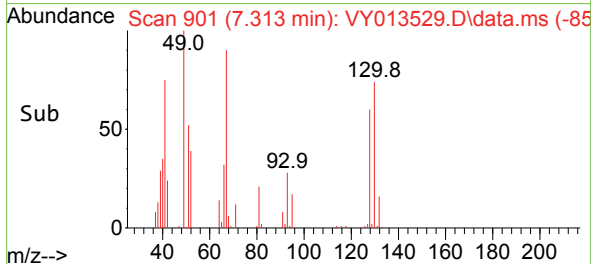
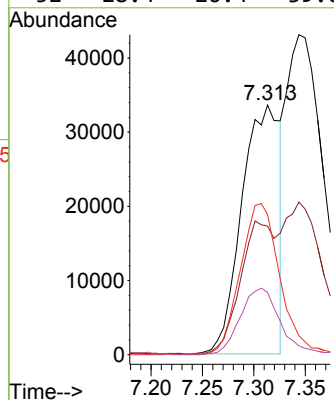
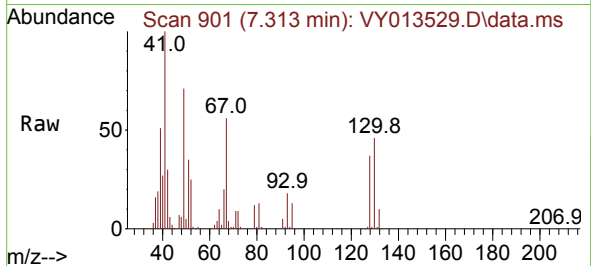




#41
Methacrylonitrile
Concen: 52.170 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

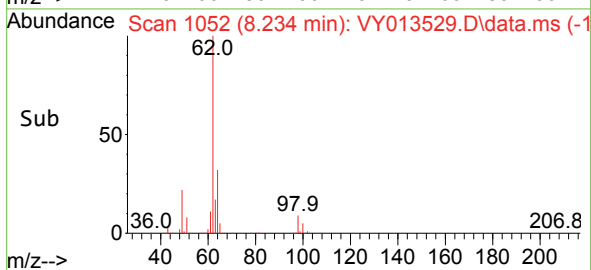
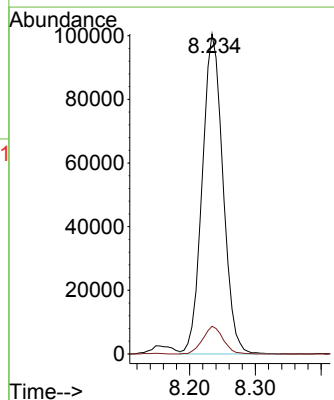
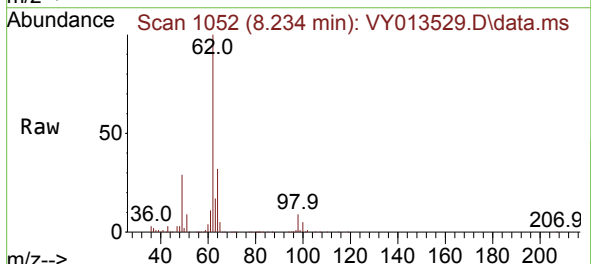
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

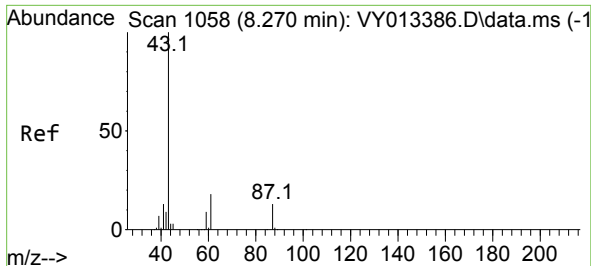
Tgt Ion:	41	Resp:	86760
Ion	Ratio	Lower	Upper
41	100		
39	47.0	44.2	66.4
67	63.8	62.9	94.3
52	28.4	26.4	39.6



#42
1,2-Dichloroethane
Concen: 50.394 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion:	62	Resp:	220088
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

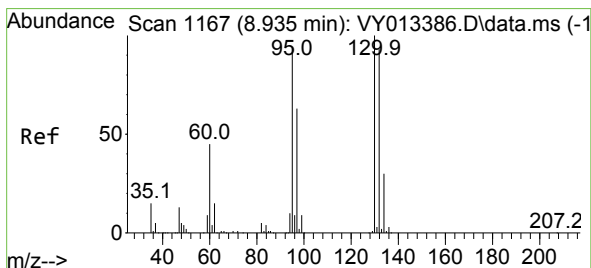
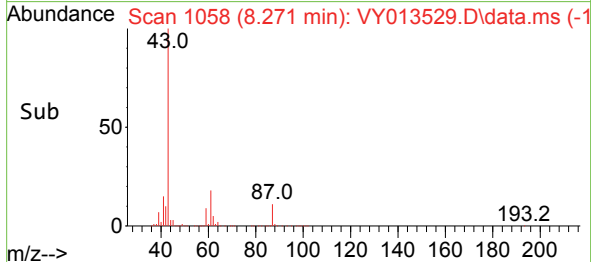
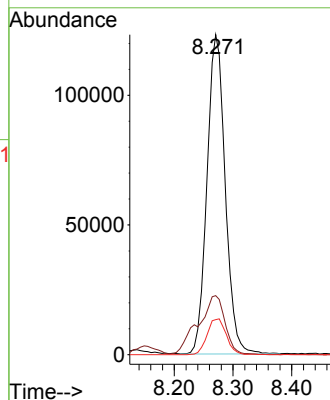
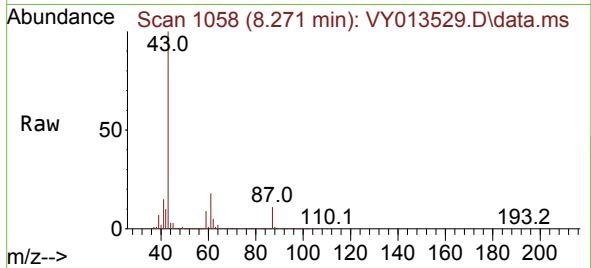




#43
Isopropyl Acetate
Concen: 44.156 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

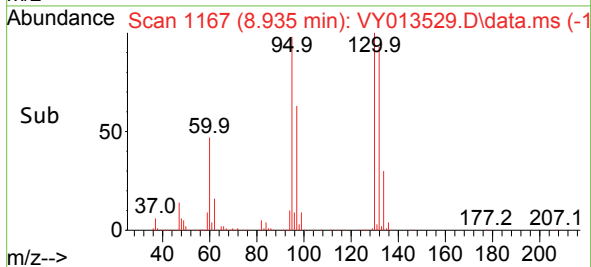
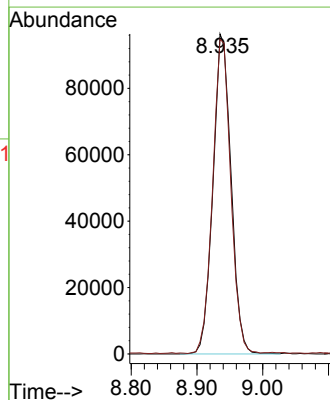
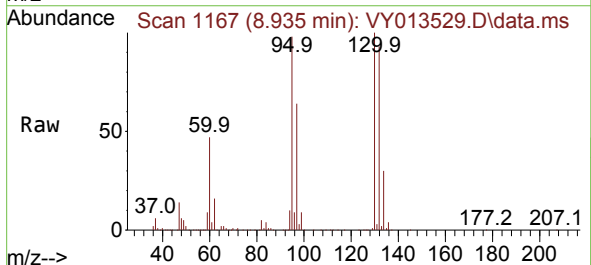
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

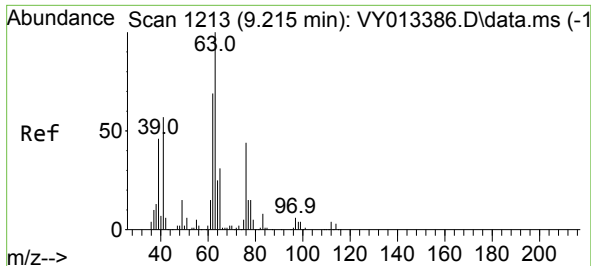
Tgt Ion: 43 Resp: 265984
Ion Ratio Lower Upper
43 100
61 27.4 22.2 33.4
87 11.7 11.0 16.6



#44
Trichloroethene
Concen: 51.850 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion:130 Resp: 184242
Ion Ratio Lower Upper
130 100
95 98.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 52.298 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

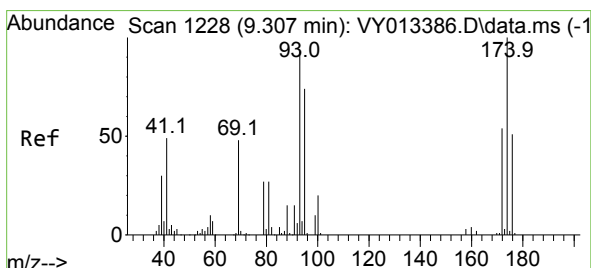
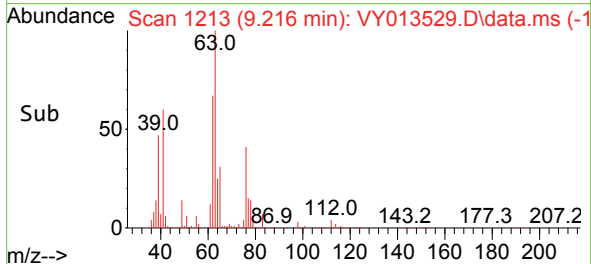
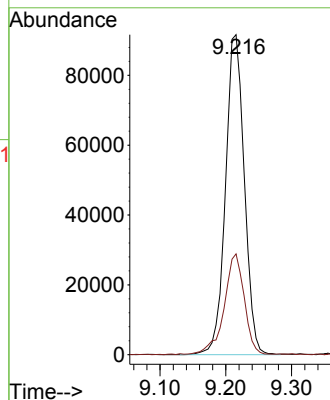
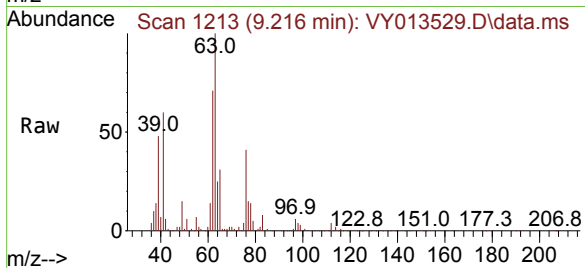
VSTDCCC050EC

Tgt Ion: 63 Resp: 182665

Ion Ratio Lower Upper

63 100

65 31.3 24.6 37.0



#46

Dibromomethane

Concen: 49.024 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

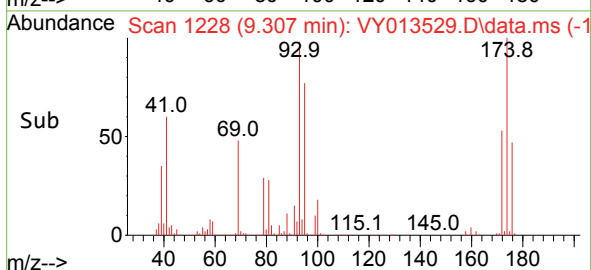
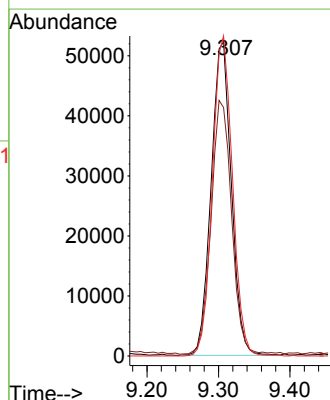
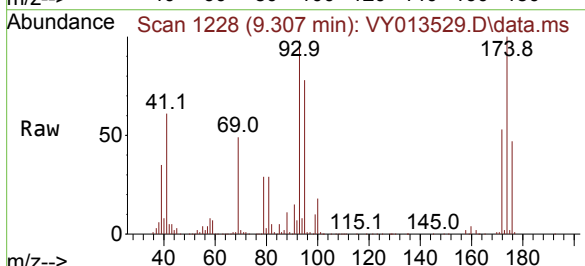
Tgt Ion: 93 Resp: 102454

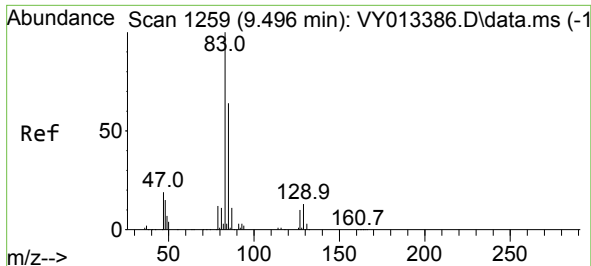
Ion Ratio Lower Upper

93 100

95 82.3 67.1 100.7

174 101.3 87.0 130.4

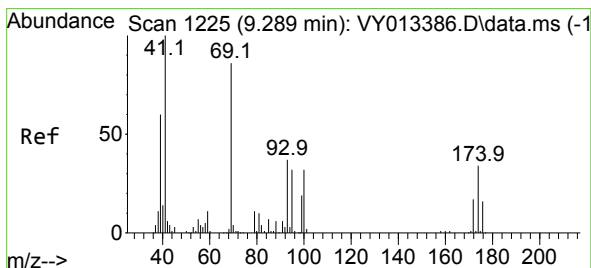
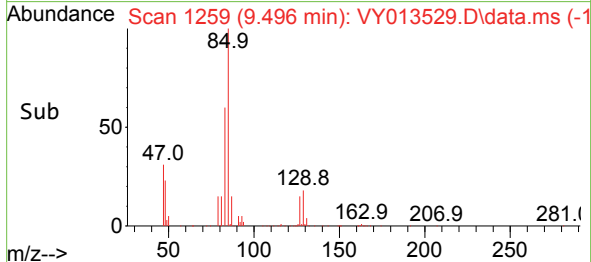
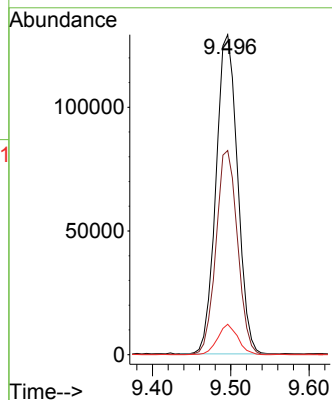
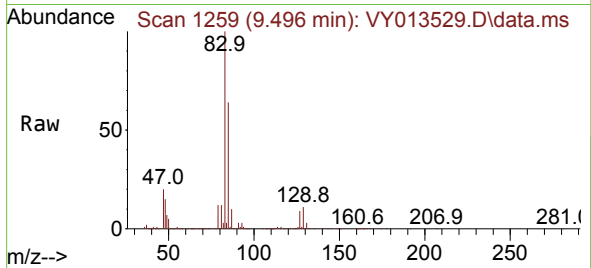




#47
Bromodichloromethane
Concen: 52.711 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

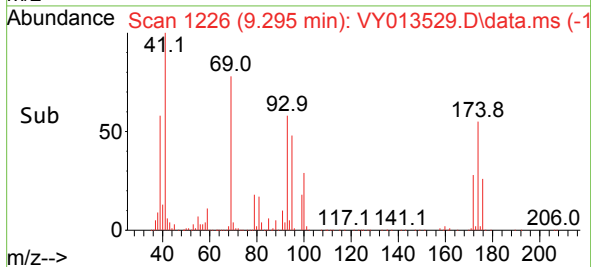
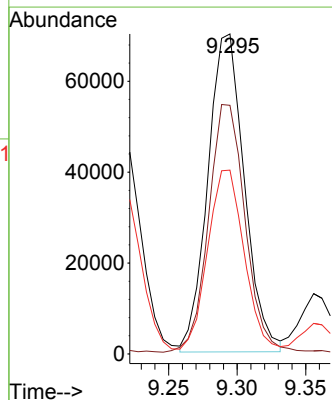
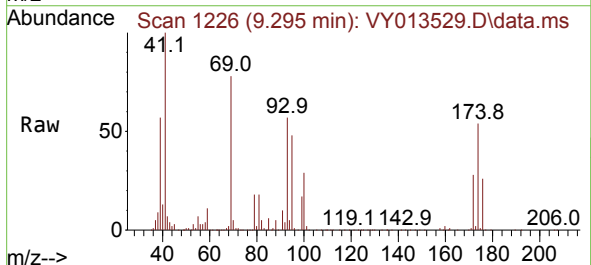
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

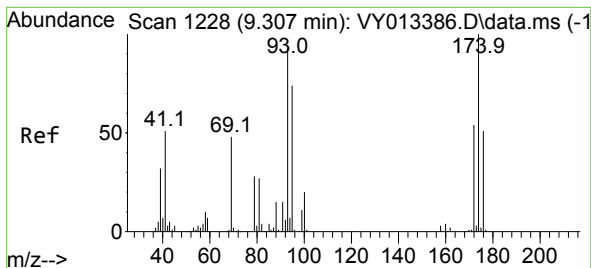
Tgt Ion: 83 Resp: 246496
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2
127 9.5 8.1 12.1



#48
Methyl methacrylate
Concen: 46.888 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 41 Resp: 129715
Ion Ratio Lower Upper
41 100
69 78.0 70.2 105.4
39 56.0 47.9 71.9





#49

1,4-Dioxane

Concen: 856.618 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

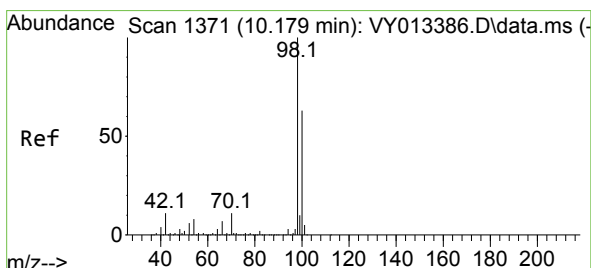
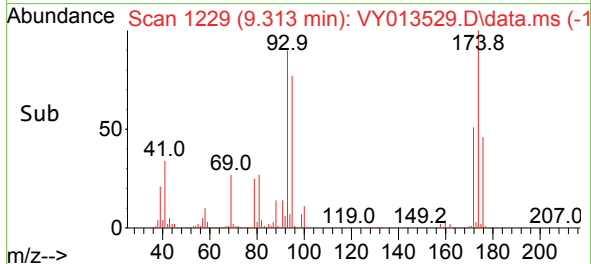
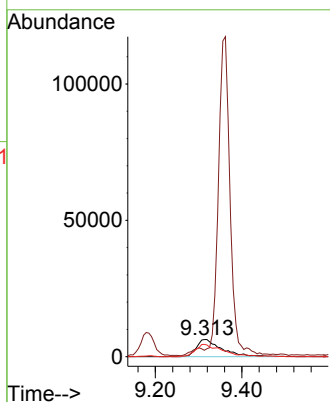
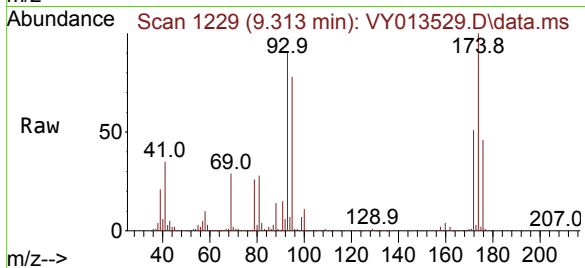
Tgt Ion: 88 Resp: 25568

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 76.0 54.3 81.5



#50

Toluene-d8

Concen: 49.262 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013529.D

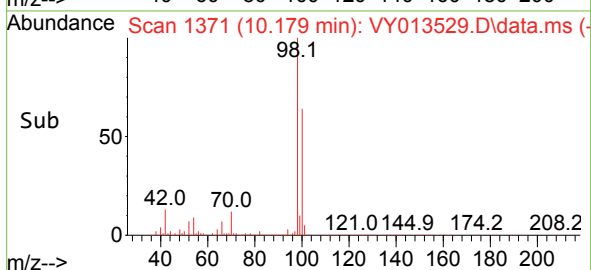
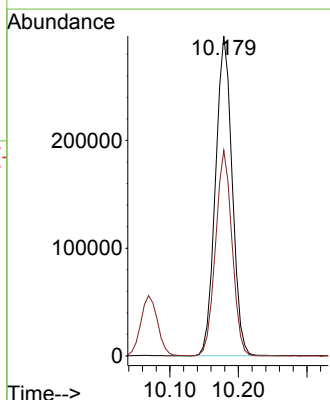
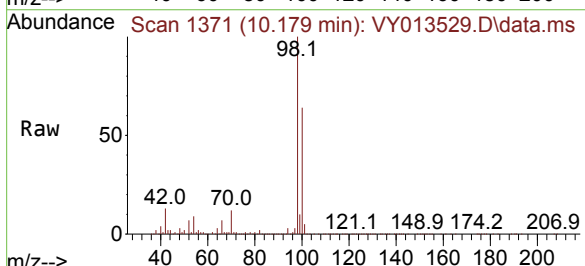
Acq: 28 Apr 2023 17:38

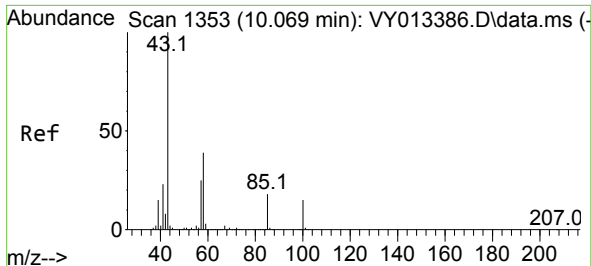
Tgt Ion: 98 Resp: 500750

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

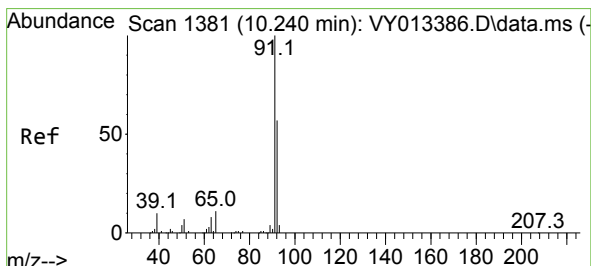
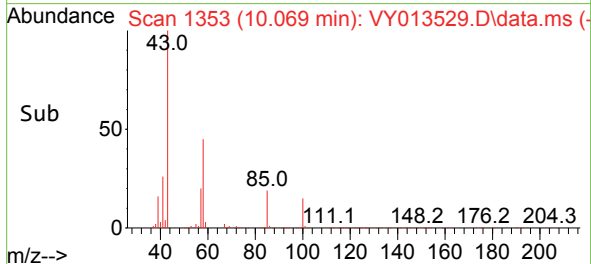
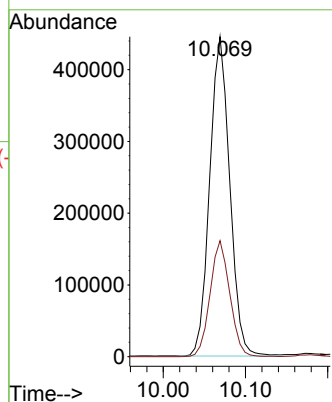
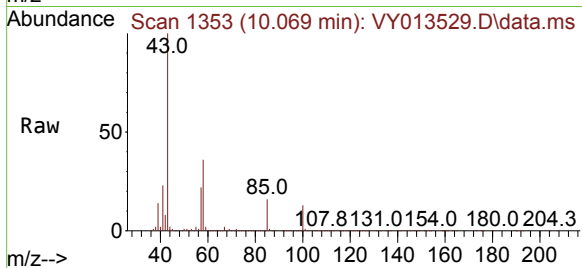




#51
4-Methyl-2-Pentanone
Concen: 224.810 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

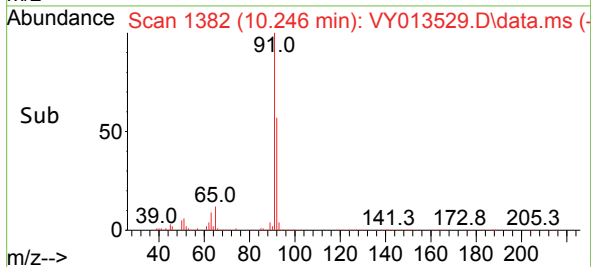
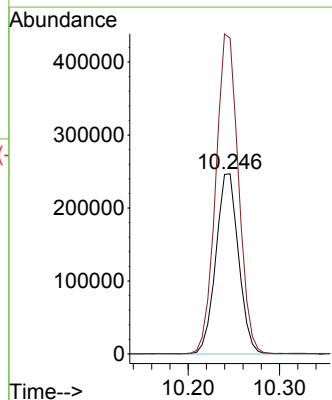
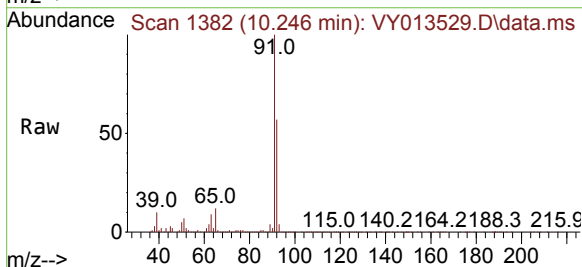
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

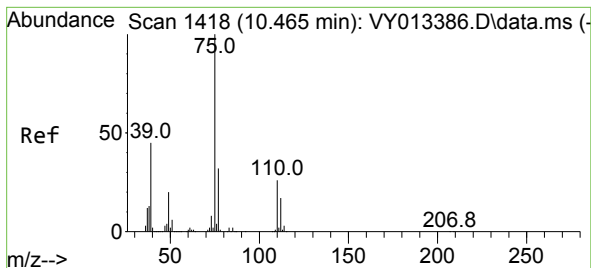
Tgt Ion: 43 Resp: 754612
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0



#52
Toluene
Concen: 52.913 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 92 Resp: 425356
Ion Ratio Lower Upper
92 100
91 177.6 140.2 210.4

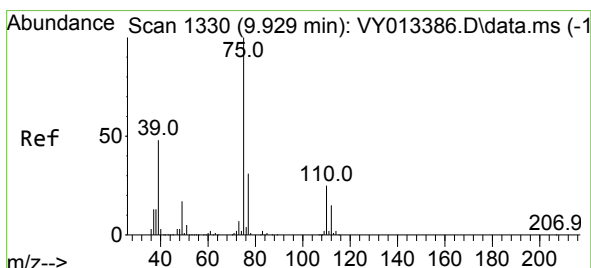
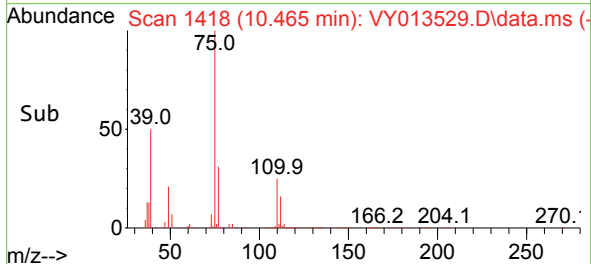
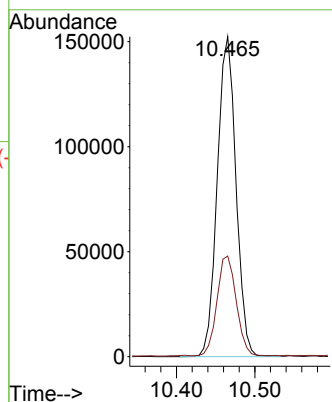
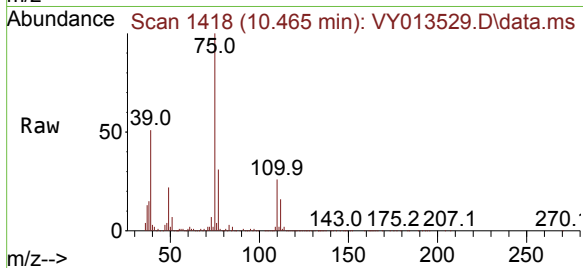




#53
 t-1,3-Dichloropropene
 Concen: 51.205 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

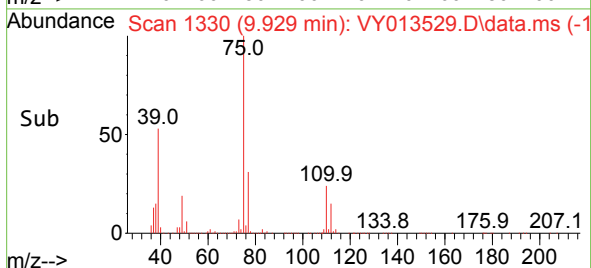
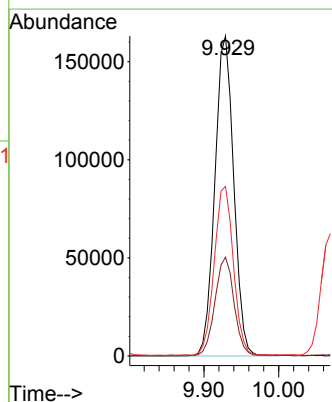
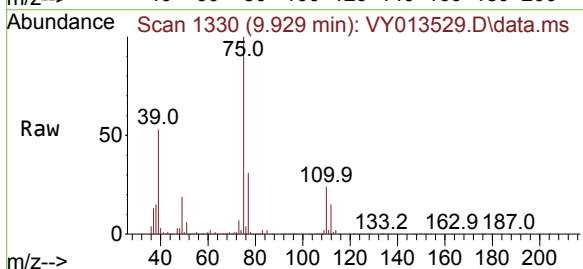
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

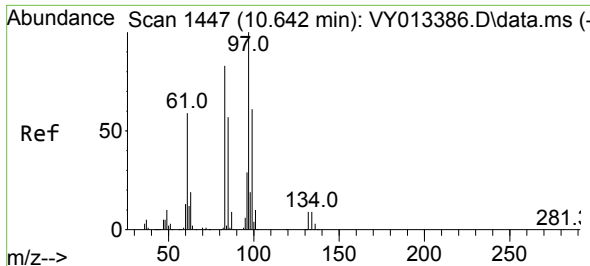
Tgt Ion: 75 Resp: 253422
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.288 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013529.D
 Acq: 28 Apr 2023 17:38

Tgt Ion: 75 Resp: 285621
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2
 39 52.8 38.1 57.1

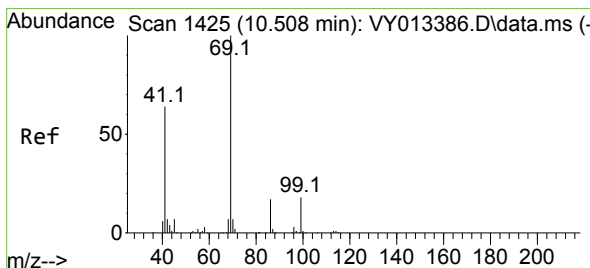
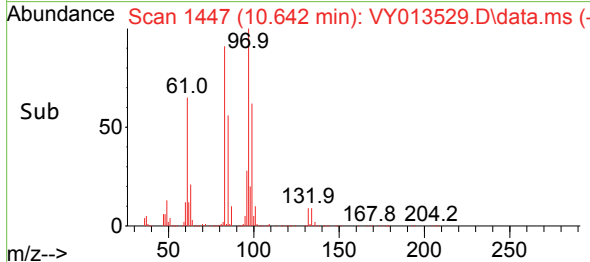
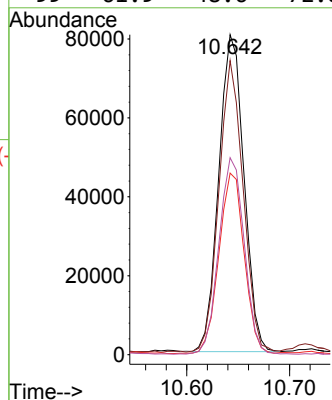
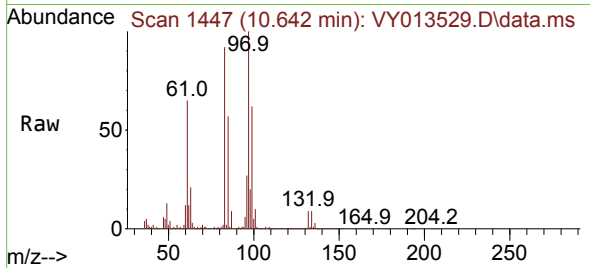




#55
1,1,2-Trichloroethane
Concen: 49.354 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

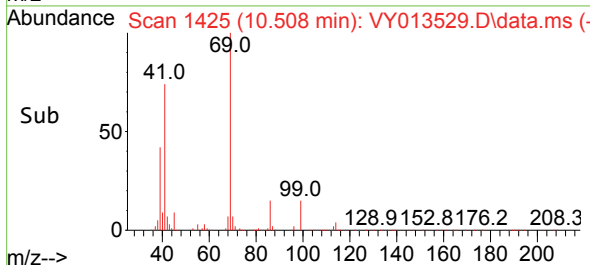
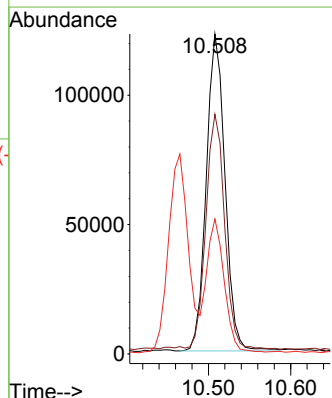
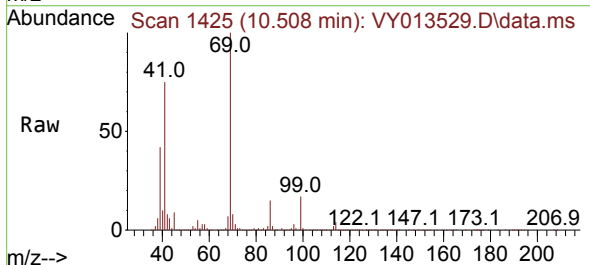
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

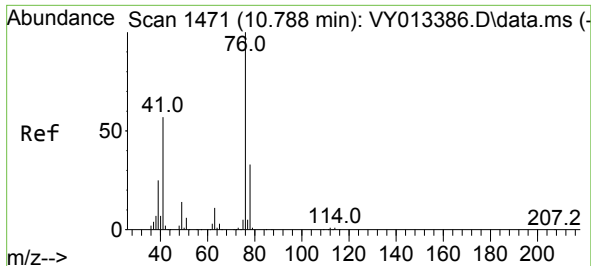
Tgt Ion: 97	Resp: 136592
Ion Ratio	Lower Upper
97 100	
83 91.7	66.4 99.6
85 56.8	45.6 68.4
99 61.9	48.6 72.8



#56
Ethyl methacrylate
Concen: 50.541 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 69	Resp: 194057
Ion Ratio	Lower Upper
69 100	
41 74.0	51.4 77.0
39 38.7	29.0 43.6





#57

1,3-Dichloropropane

Concen: 51.328 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

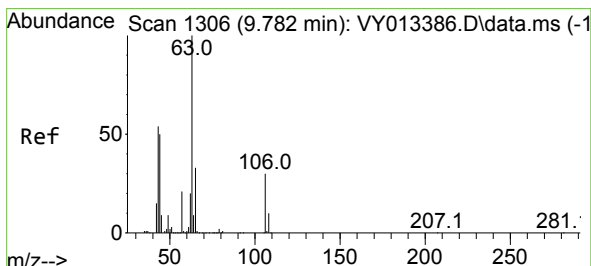
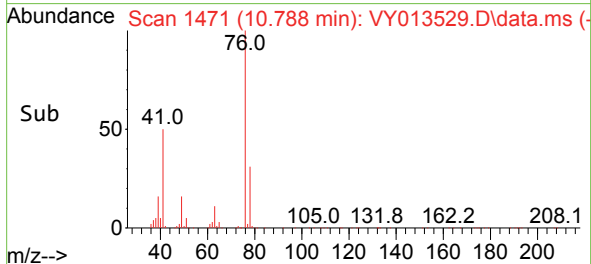
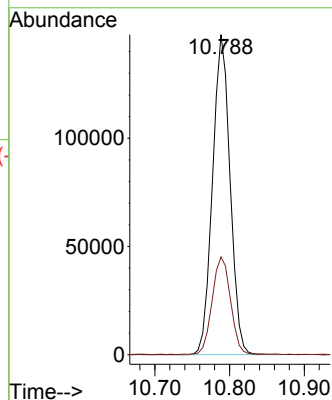
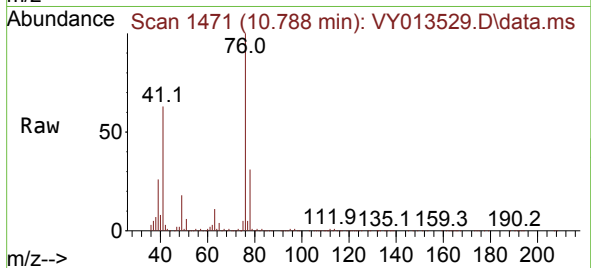
VSTDCCC050EC

Tgt Ion: 76 Resp: 240585

Ion Ratio Lower Upper

76 100

78 31.8 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 227.846 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013529.D

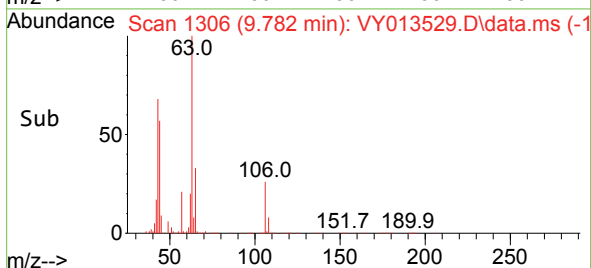
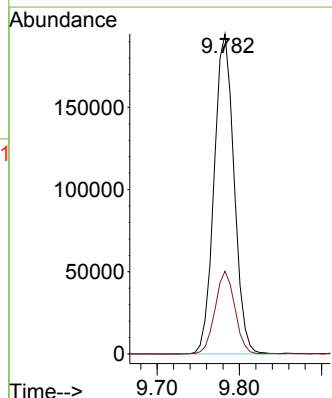
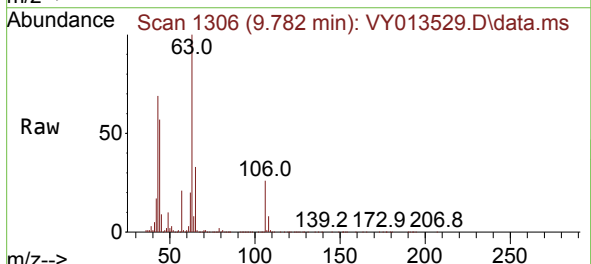
Acq: 28 Apr 2023 17:38

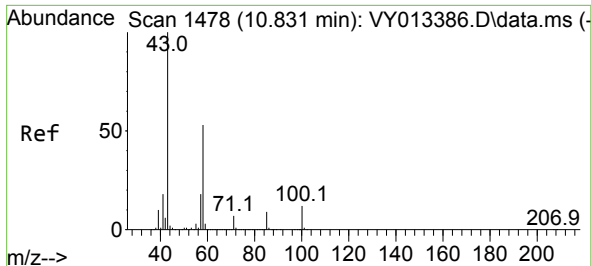
Tgt Ion: 63 Resp: 328051

Ion Ratio Lower Upper

63 100

106 25.7 23.5 35.3

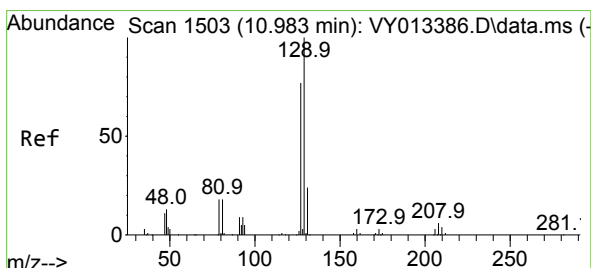
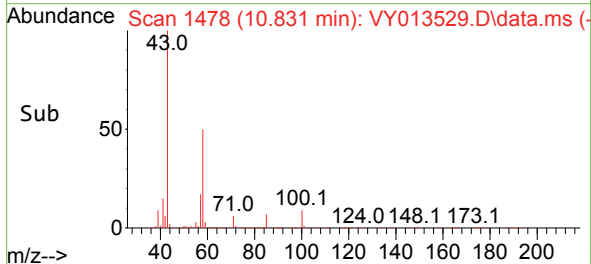
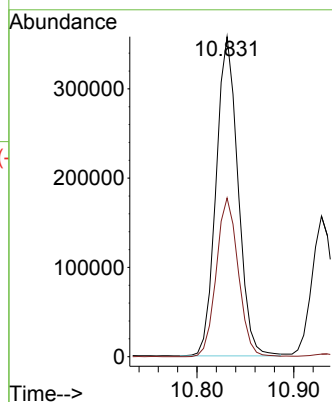
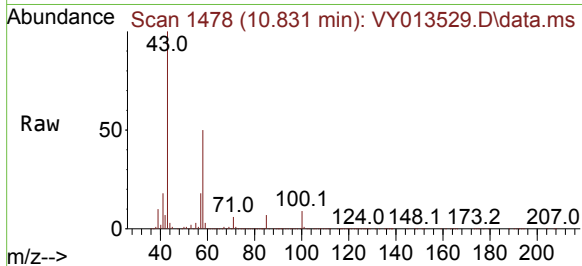




#59
2-Hexanone
Concen: 230.375 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

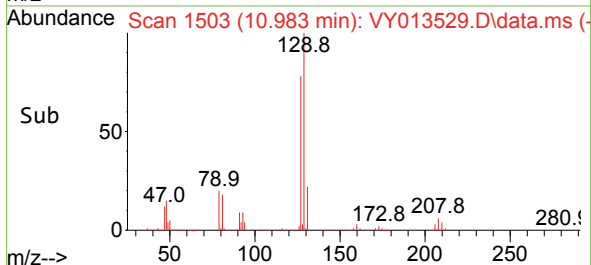
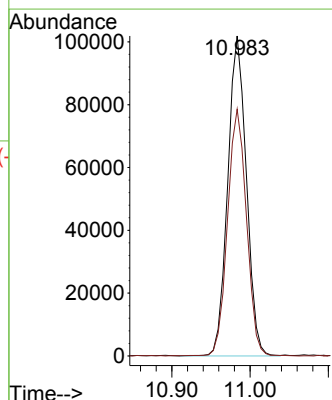
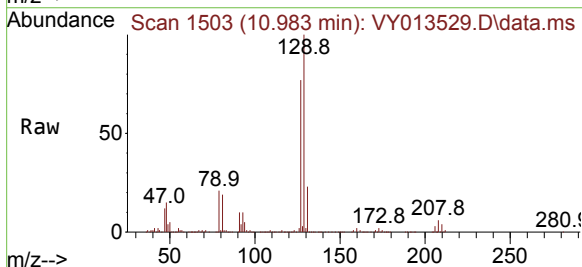
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

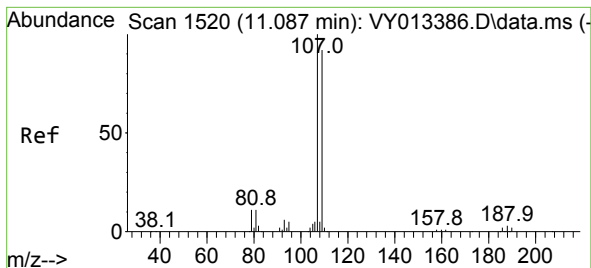
Tgt Ion: 43 Resp: 562122
Ion Ratio Lower Upper
43 100
58 49.9 26.3 78.8



#60
Dibromochloromethane
Concen: 50.168 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 129 Resp: 168588
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

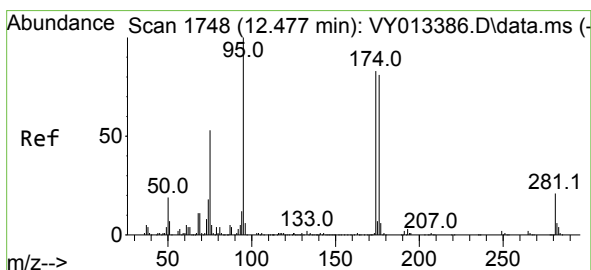
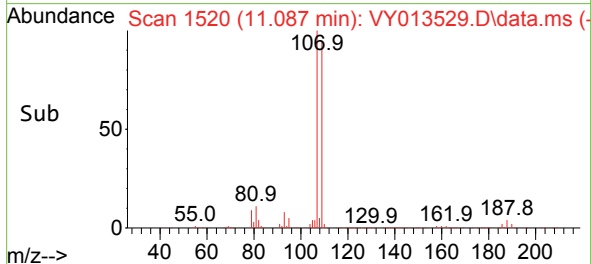
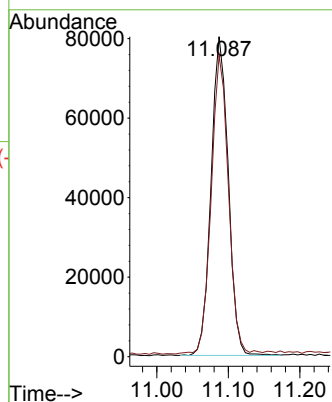
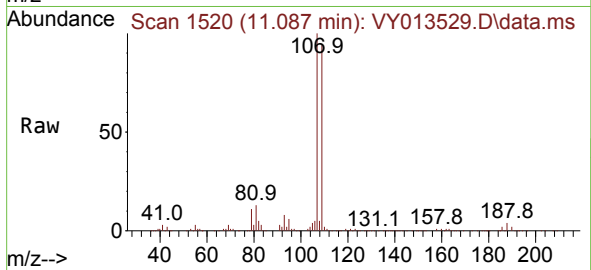




#61
1,2-Dibromoethane
Concen: 49.208 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

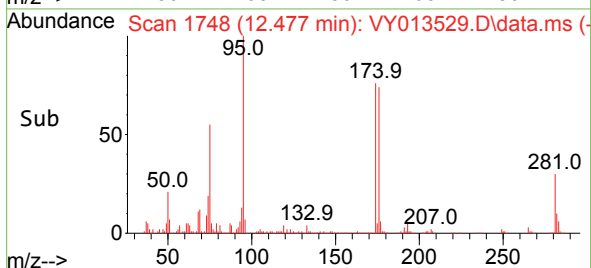
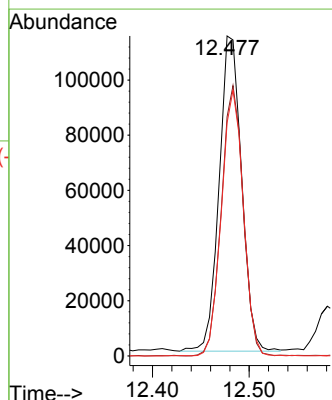
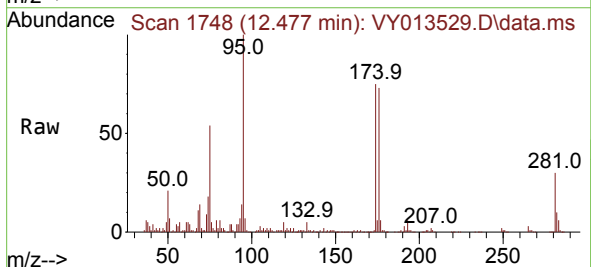
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

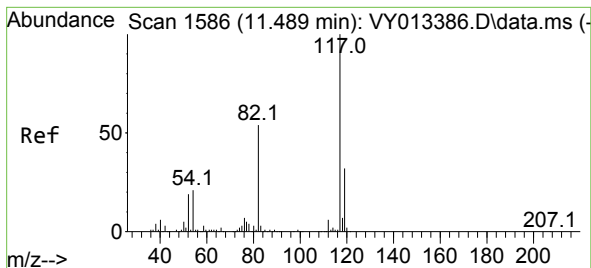
Tgt Ion:107 Resp: 133895
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.801 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 95 Resp: 184369
Ion Ratio Lower Upper
95 100
174 83.1 0.0 182.0
176 81.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

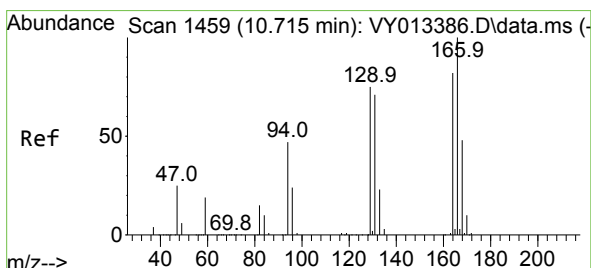
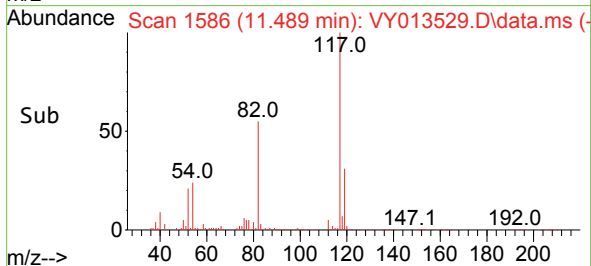
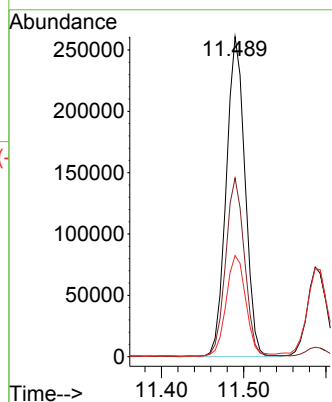
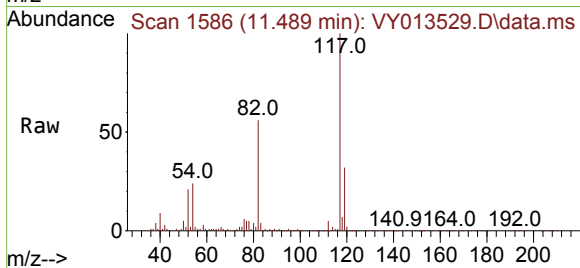
Tgt Ion:117 Resp: 414335

Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.6

119 31.5 25.5 38.3



#64

Tetrachloroethene

Concen: 49.388 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Tgt Ion:164 Resp: 155602

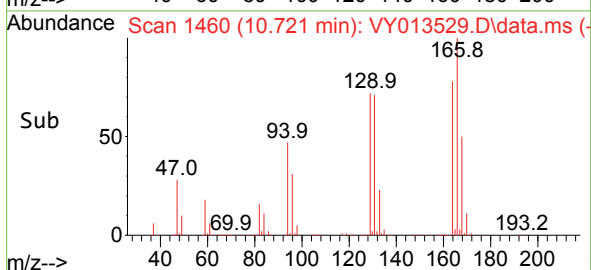
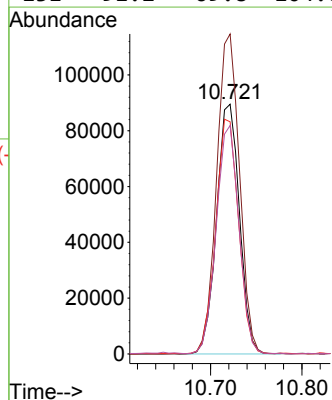
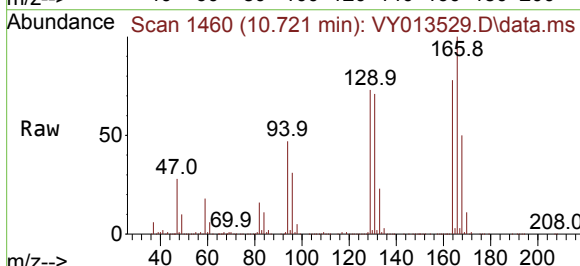
Ion Ratio Lower Upper

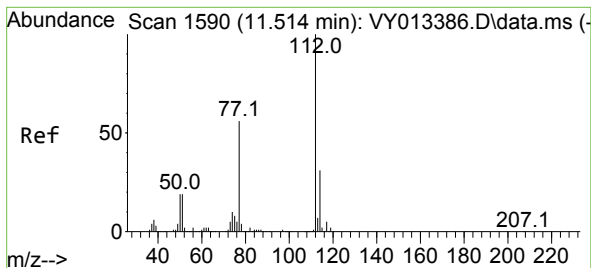
164 100

166 128.1 97.5 146.3

129 92.8 72.6 109.0

131 91.2 69.8 104.6

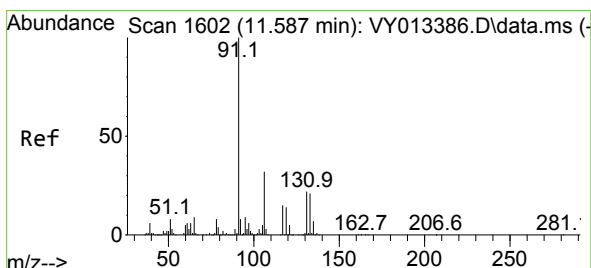
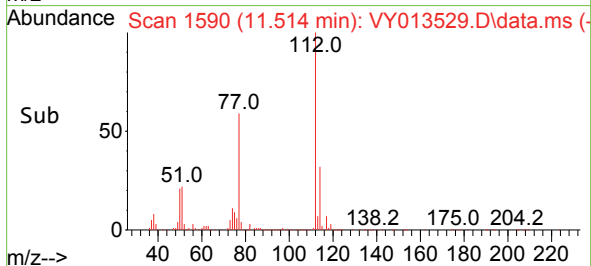
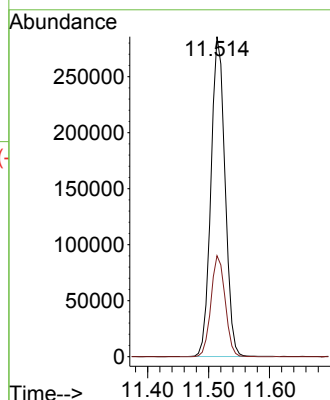
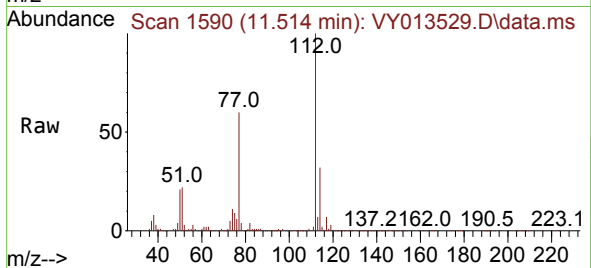




#65
Chlorobenzene
Concen: 50.722 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

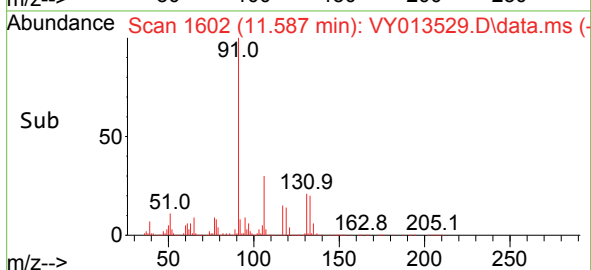
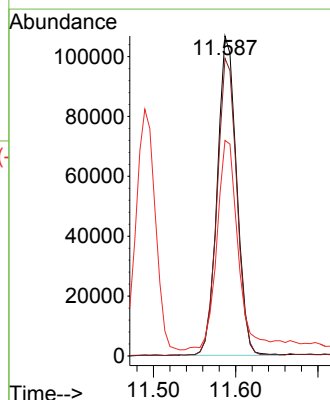
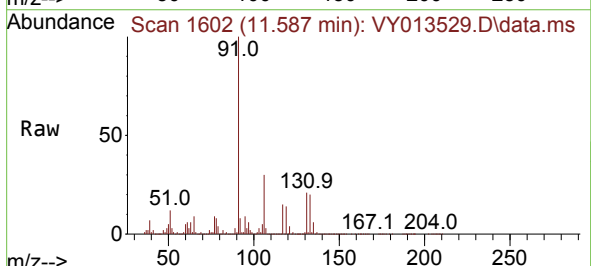
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

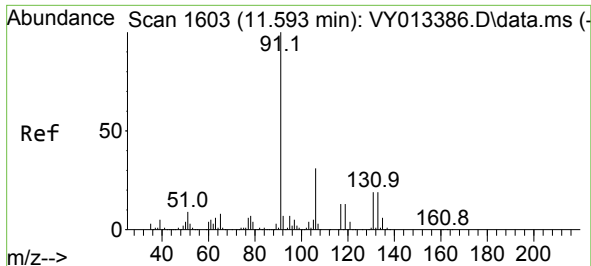
Tgt Ion:112 Resp: 457803
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.703 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion:131 Resp: 174530
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 75.9 32.6 98.0

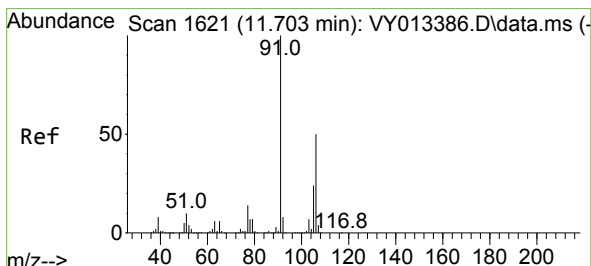
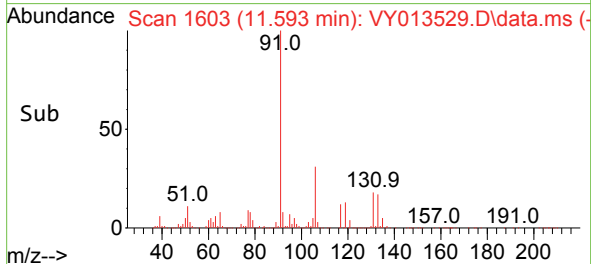
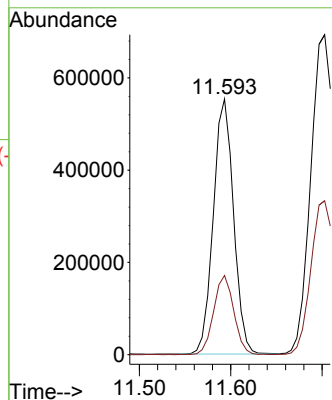
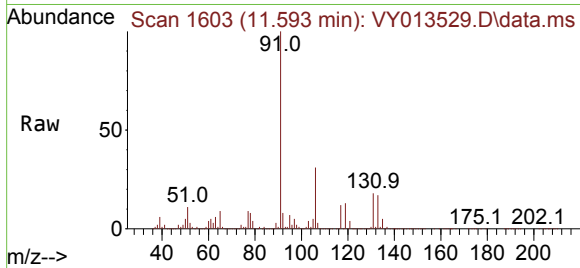




#67
Ethyl Benzene
Concen: 53.744 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

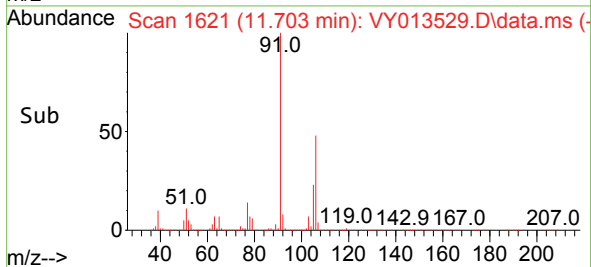
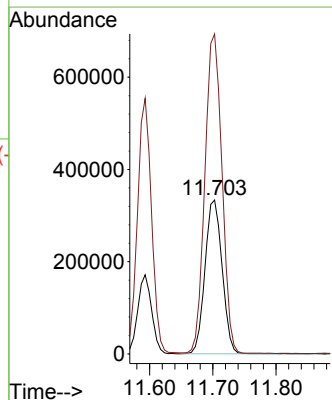
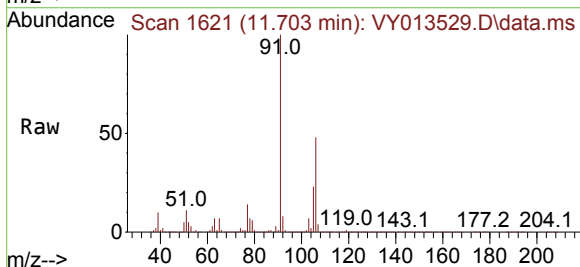
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

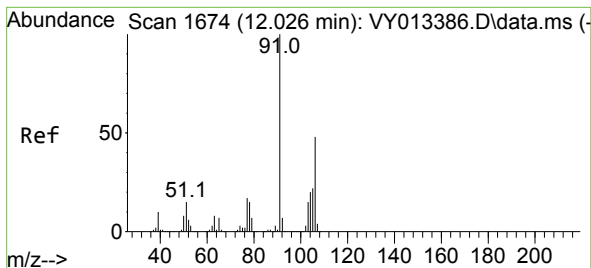
Tgt Ion: 91 Resp: 851809
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 104.158 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 106 Resp: 627570
Ion Ratio Lower Upper
106 100
91 207.5 160.9 241.3

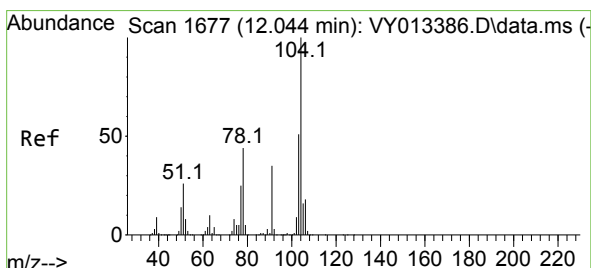
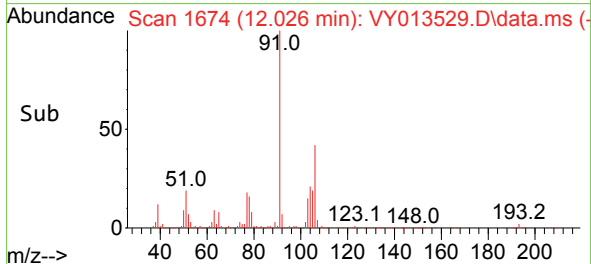
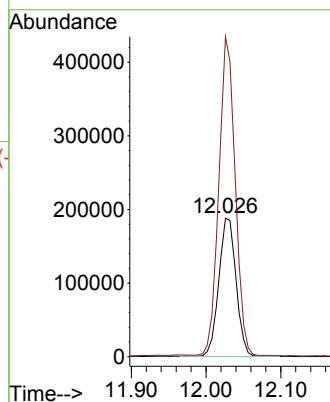
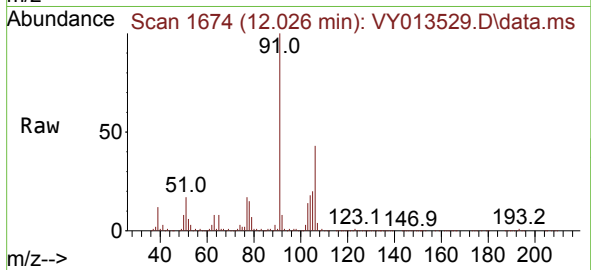




#69
o-Xylene
Concen: 52.967 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

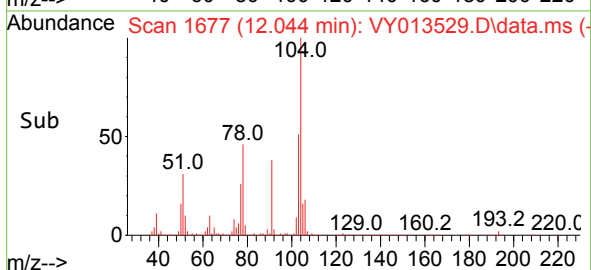
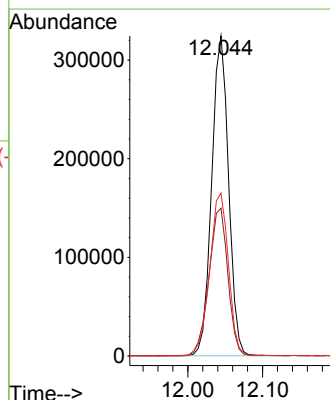
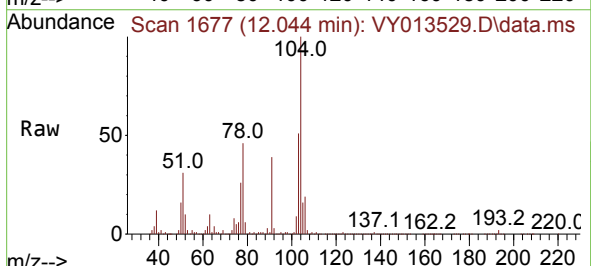
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

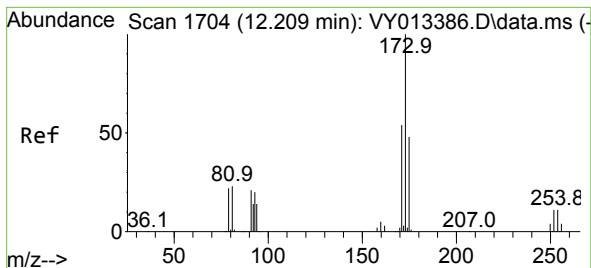
Tgt Ion:106 Resp: 301824
Ion Ratio Lower Upper
106 100
91 220.3 105.5 316.4



#70
Styrene
Concen: 53.615 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion:104 Resp: 510831
Ion Ratio Lower Upper
104 100
78 51.5 40.3 60.5
103 56.3 45.0 67.4





#71

Bromoform

Concen: 47.028 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

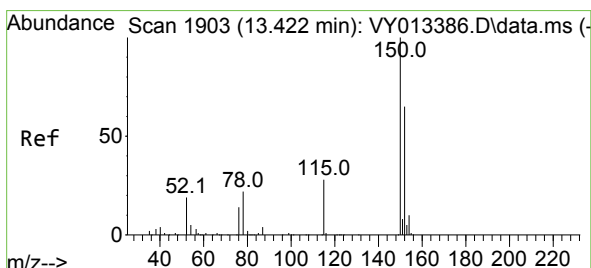
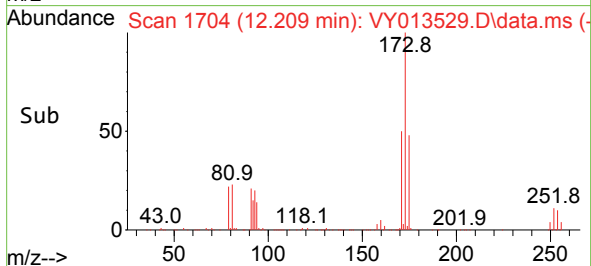
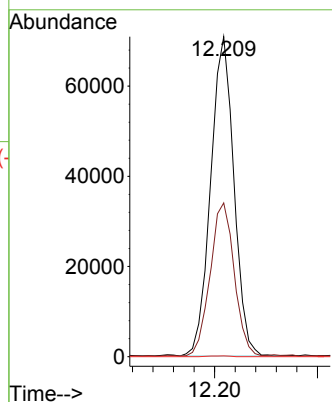
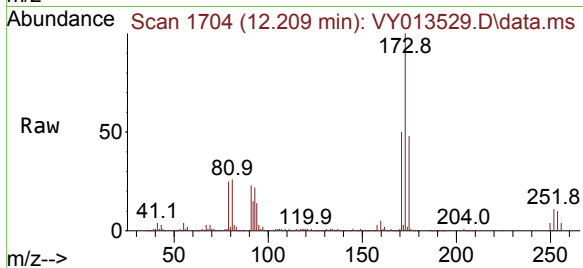
Tgt Ion:173 Resp: 111194

Ion Ratio Lower Upper

173 100

175 49.5 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

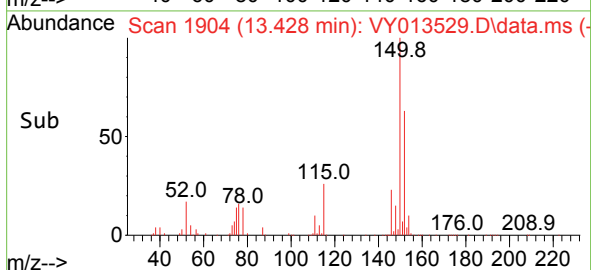
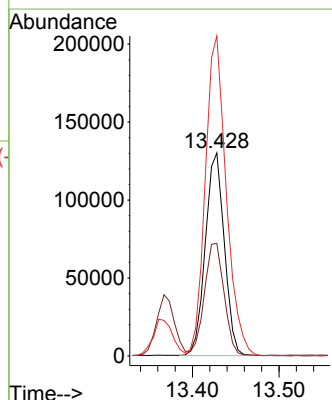
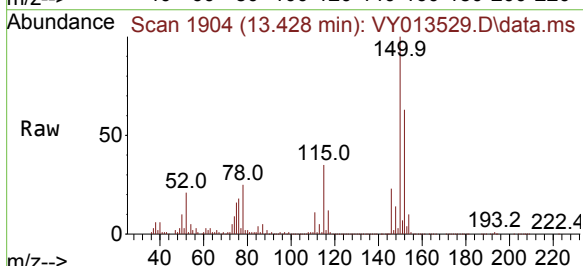
Tgt Ion:152 Resp: 198497

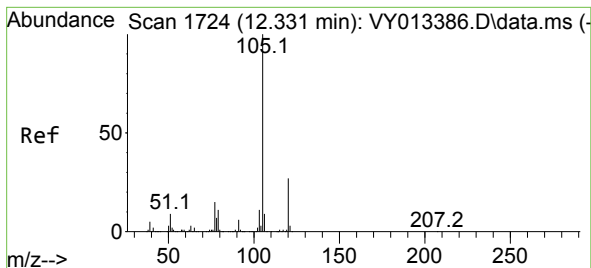
Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 173.8 0.0 352.0





#73

Isopropylbenzene

Concen: 53.006 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

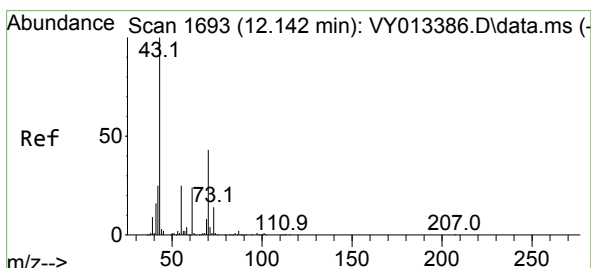
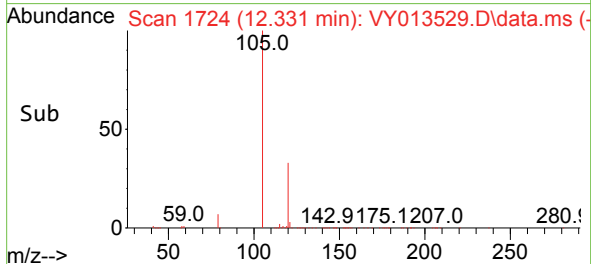
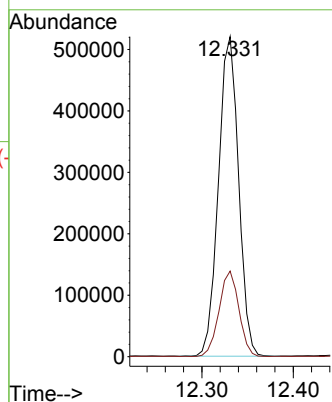
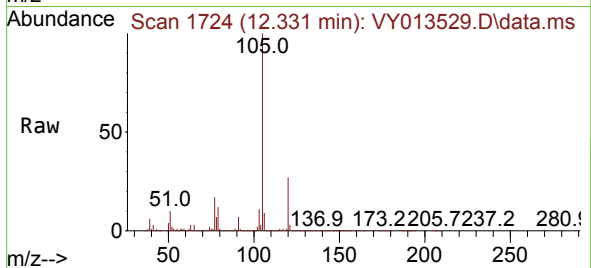
VSTDCCC050EC

Tgt Ion:105 Resp: 795814

Ion Ratio Lower Upper

105 100

120 26.4 13.7 41.0



#74

N-ethyl acetate

Concen: 47.337 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Tgt Ion: 43 Resp: 252907

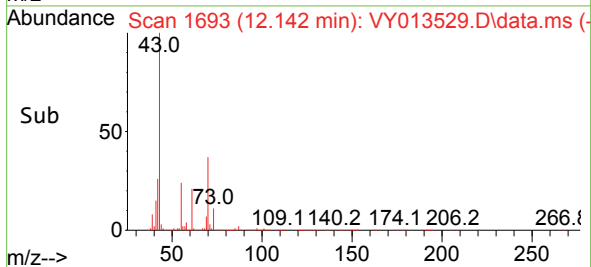
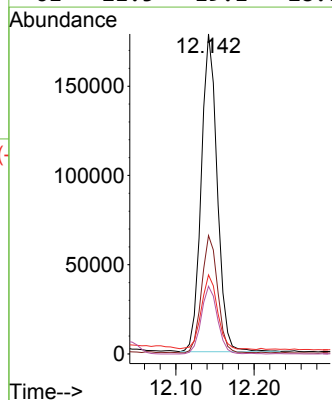
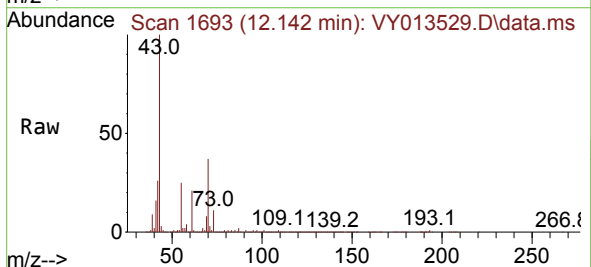
Ion Ratio Lower Upper

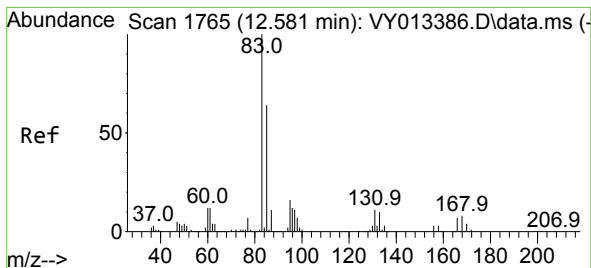
43 100

70 36.8 33.0 49.4

55 23.8 19.8 29.6

61 21.5 19.1 28.7

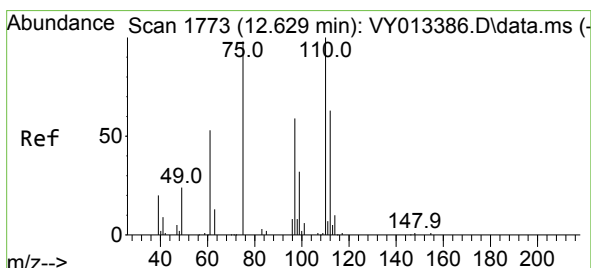
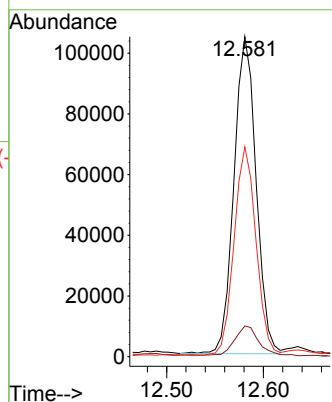
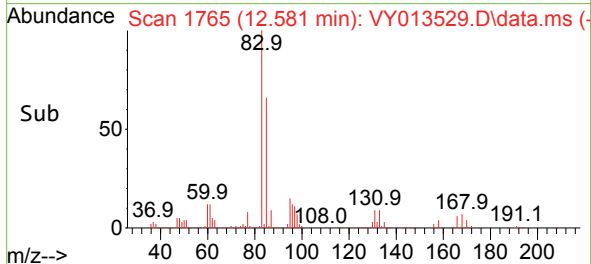
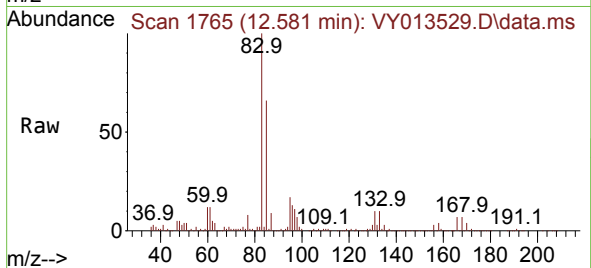




#75
1,1,2,2-Tetrachloroethane
Concen: 45.302 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

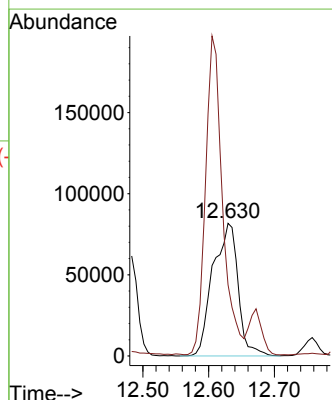
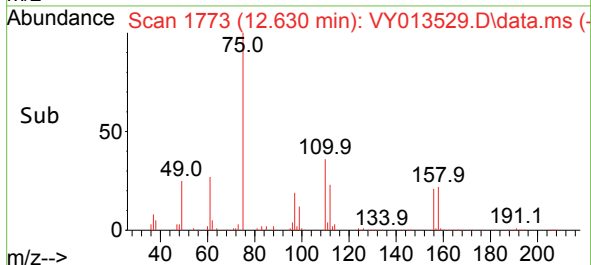
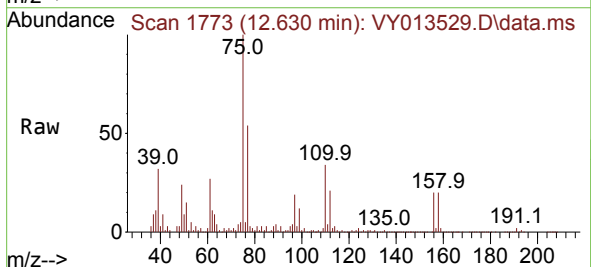
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

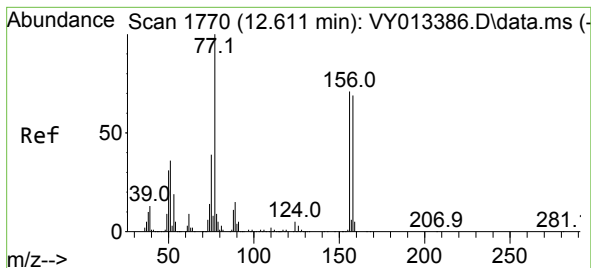
Tgt Ion: 83 Resp: 166247
Ion Ratio Lower Upper
83 100
131 10.2 5.7 17.0
85 65.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 81.394 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 75 Resp: 217890
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.013 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

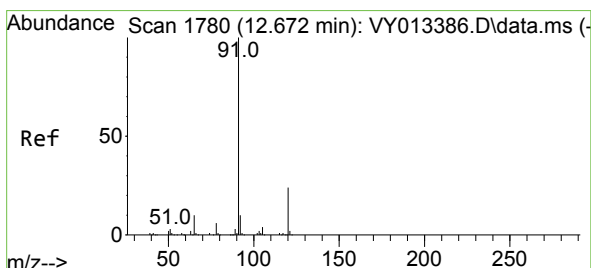
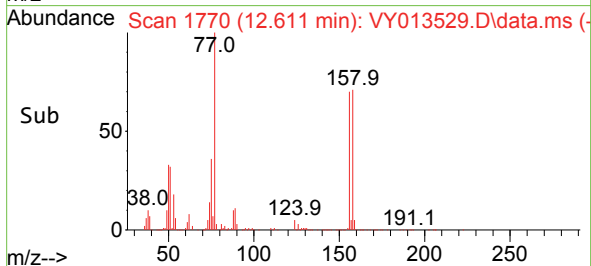
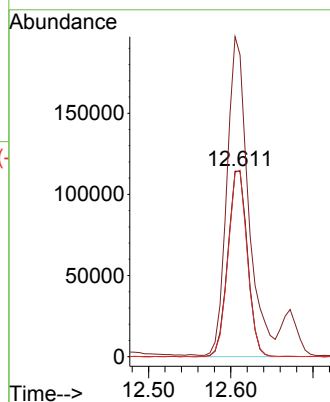
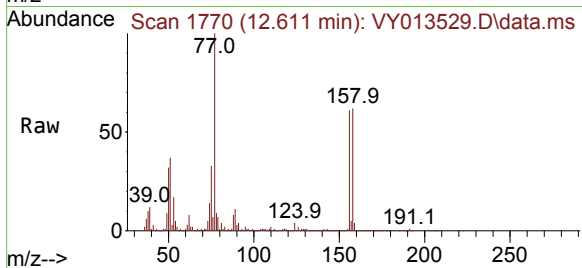
Tgt Ion:156 Resp: 189214

Ion Ratio Lower Upper

156 100

77 187.1 87.6 262.9

158 98.4 48.5 145.5



#78

n-propylbenzene

Concen: 53.198 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013529.D

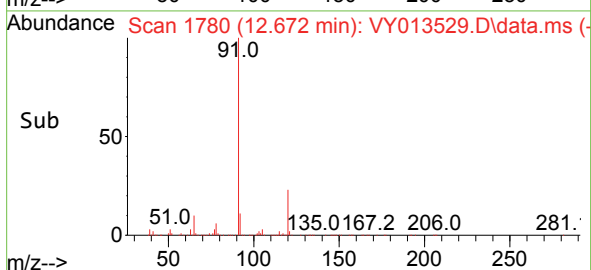
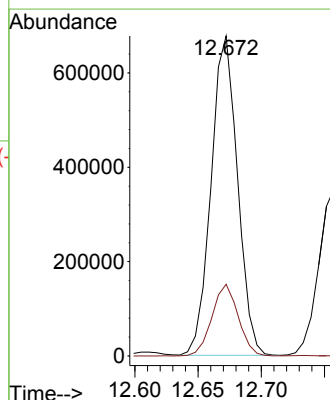
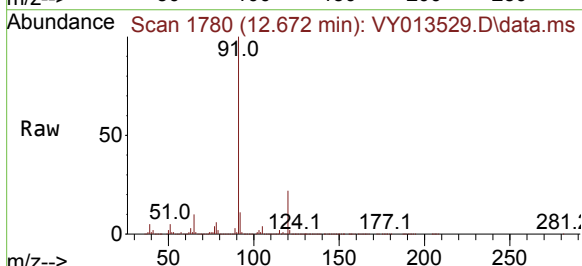
Acq: 28 Apr 2023 17:38

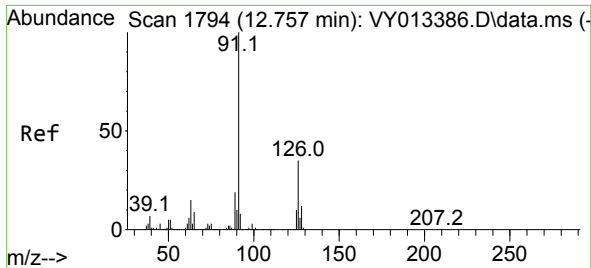
Tgt Ion: 91 Resp: 983773

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.9

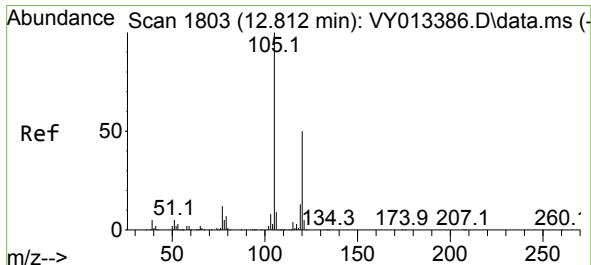
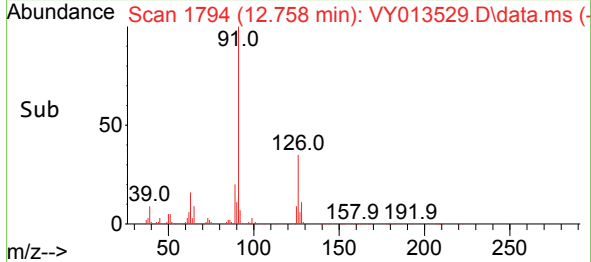
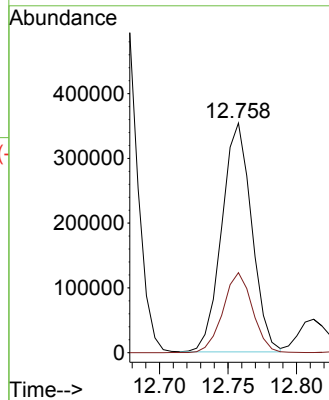
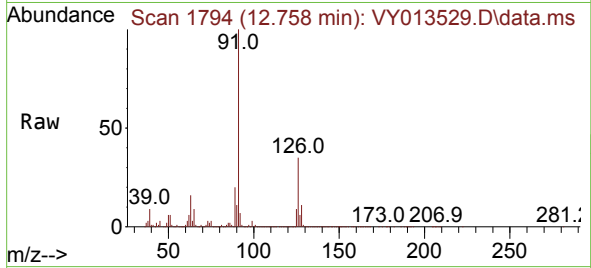




#79
2-Chlorotoluene
Concen: 52.133 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

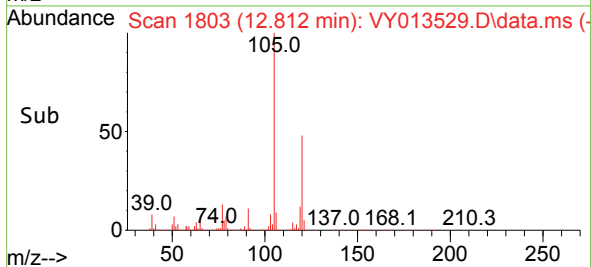
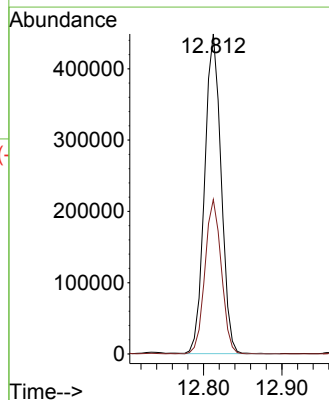
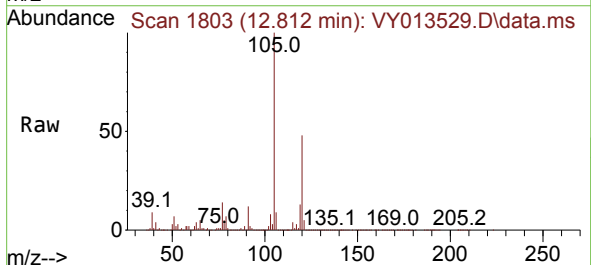
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

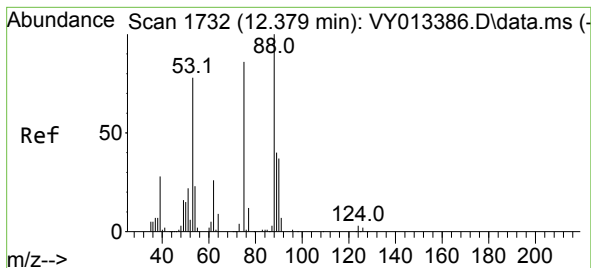
Tgt Ion: 91 Resp: 538375
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 53.343 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 105 Resp: 653662
Ion Ratio Lower Upper
105 100
120 48.0 24.7 74.1

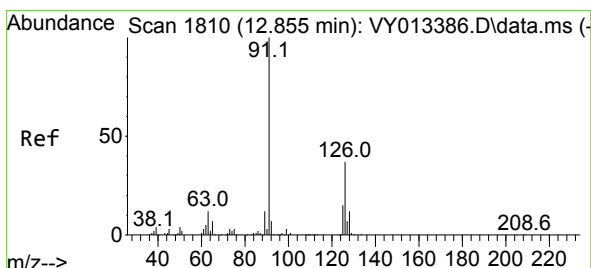
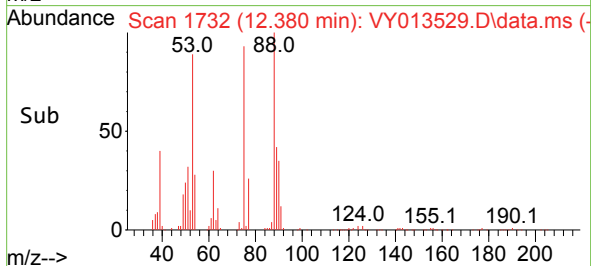
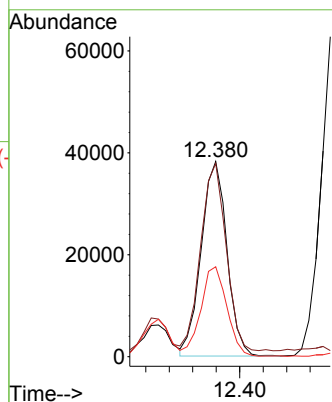
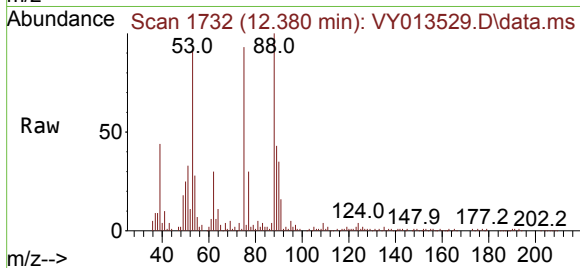




#81
trans-1,4-Dichloro-2-butene
Concen: 44.459 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

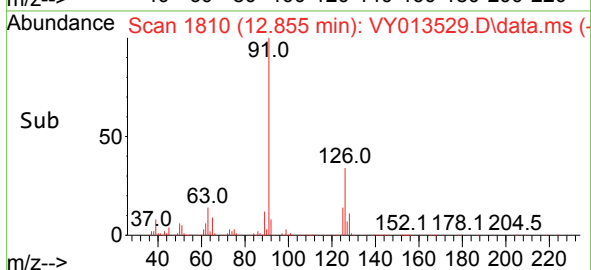
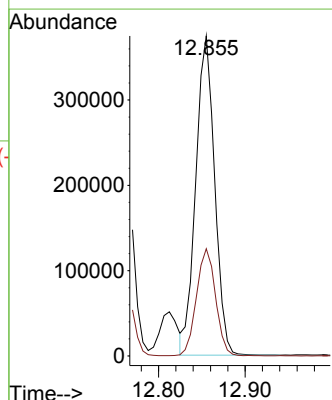
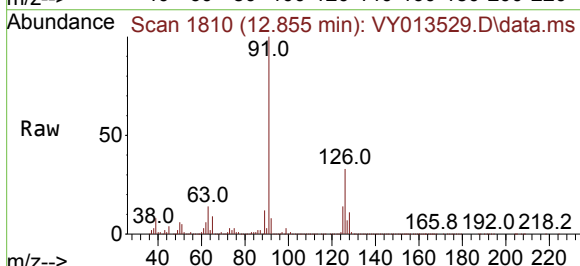
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

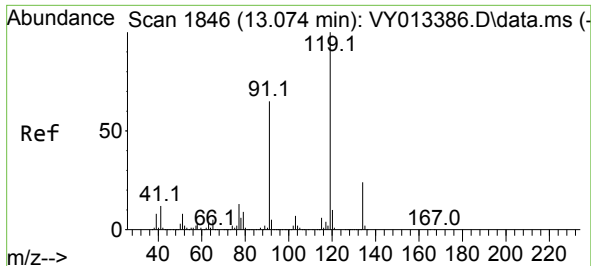
Tgt Ion: 75 Resp: 58182
Ion Ratio Lower Upper
75 100
53 97.0 73.2 109.8
89 46.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.593 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion: 91 Resp: 566090
Ion Ratio Lower Upper
91 100
126 34.0 17.9 53.8

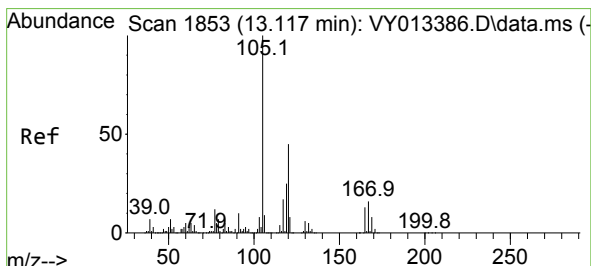
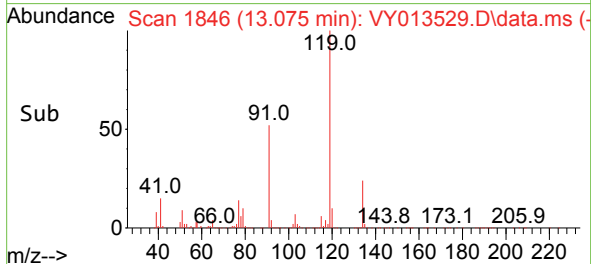
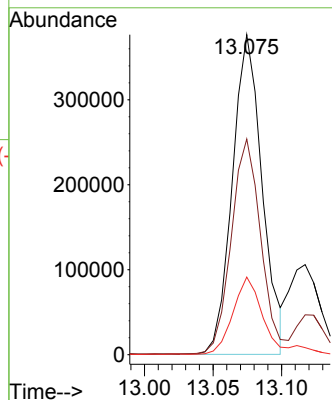
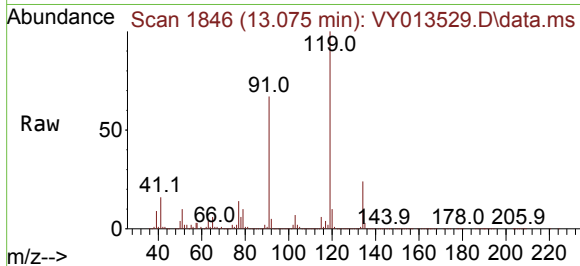




#83
tert-Butylbenzene
Concen: 53.691 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

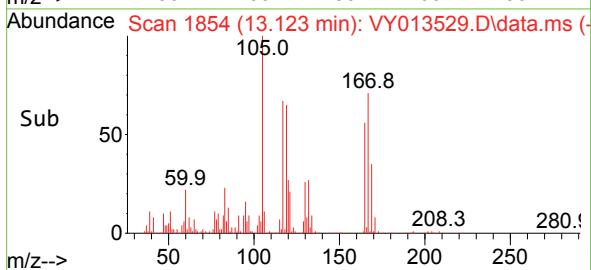
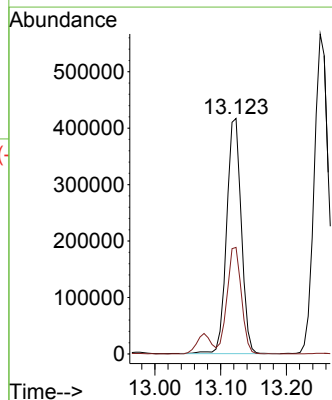
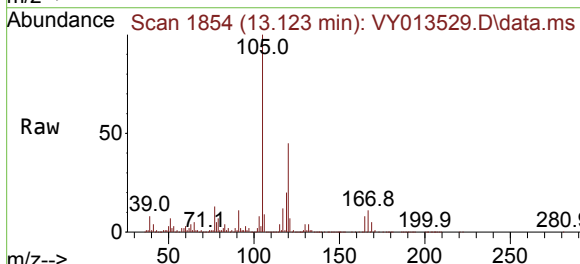
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

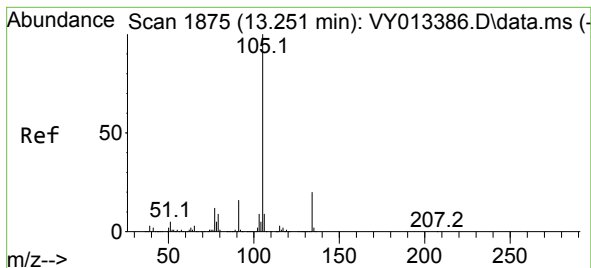
Tgt Ion:119 Resp: 570012
Ion Ratio Lower Upper
119 100
91 67.0 32.2 96.6
134 23.7 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 53.975 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion:105 Resp: 643048
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.156 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

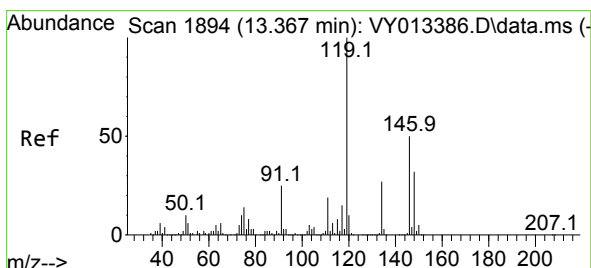
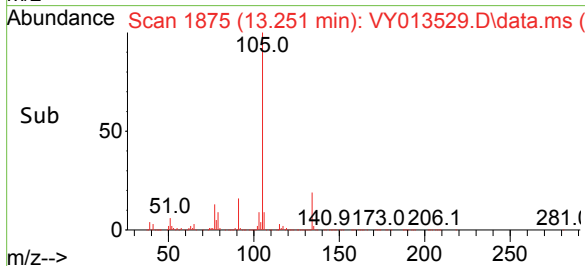
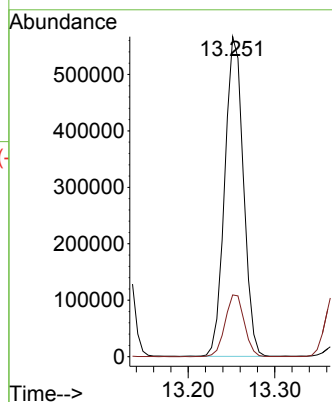
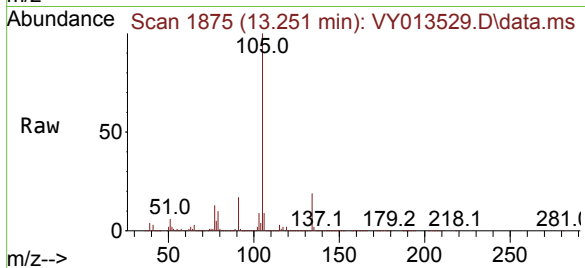
VSTDCCC050EC

Tgt Ion:105 Resp: 846948

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 54.050 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

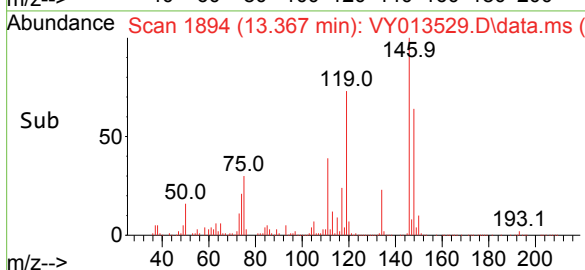
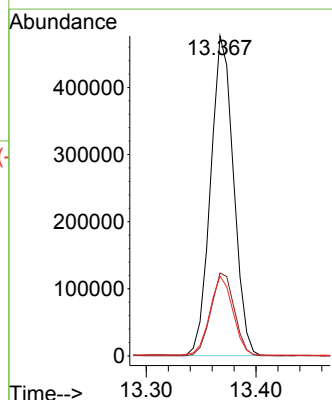
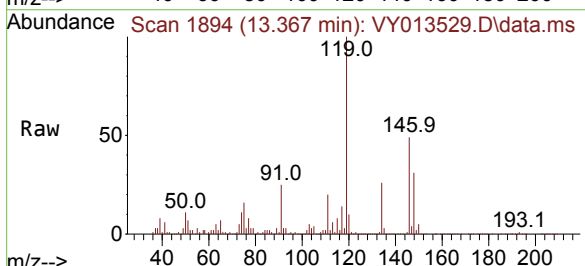
Tgt Ion:119 Resp: 692557

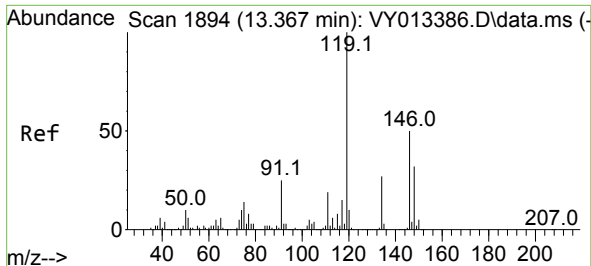
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 24.8 12.1 36.3

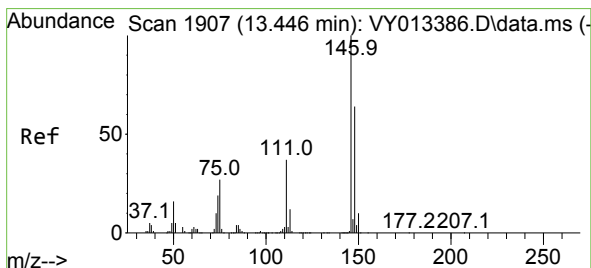
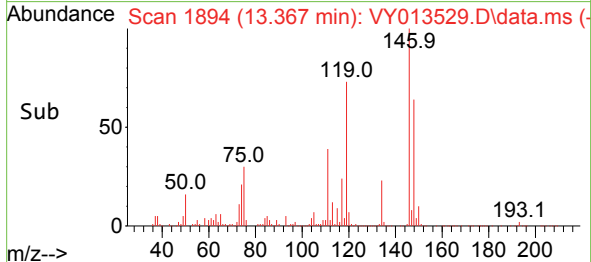
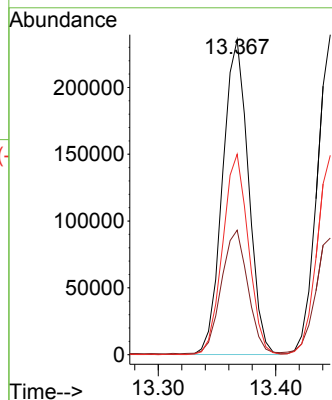
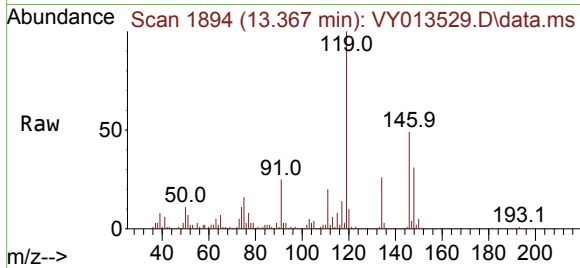




#87
1,3-Dichlorobenzene
Concen: 52.022 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

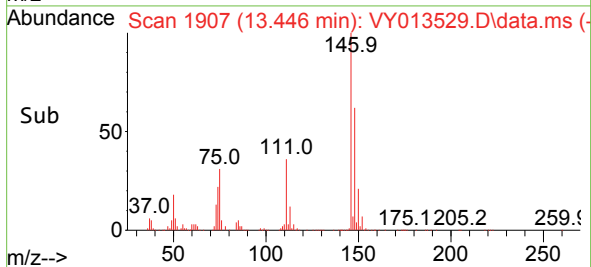
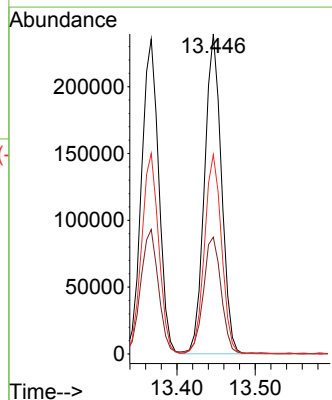
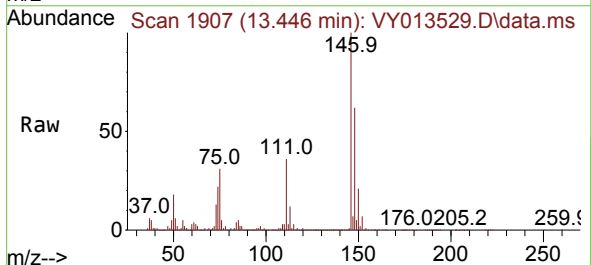
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

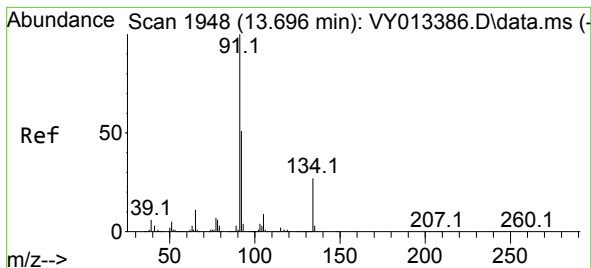
Tgt Ion:146 Resp: 360552
Ion Ratio Lower Upper
146 100
111 40.2 19.3 57.9
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.275 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013529.D
Acq: 28 Apr 2023 17:38

Tgt Ion:146 Resp: 358983
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.5
148 62.8 31.9 95.5





#89

n-Butylbenzene

Concen: 55.243 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

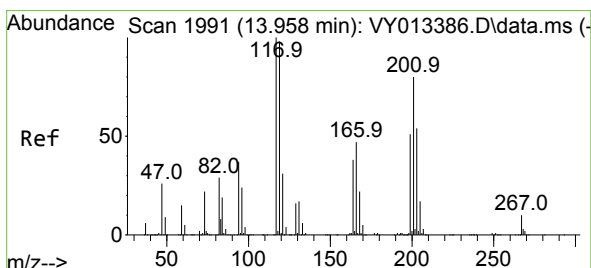
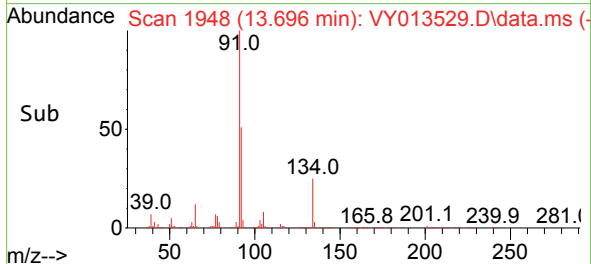
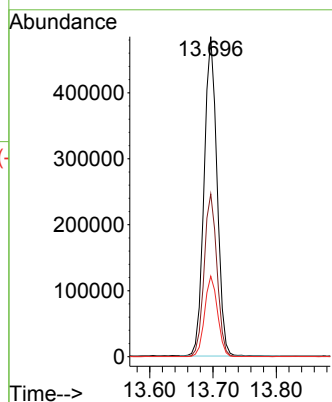
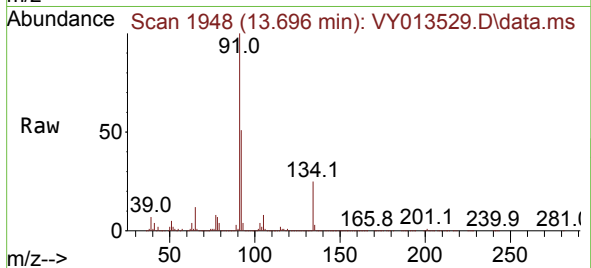
Tgt Ion: 91 Resp: 690862

Ion Ratio Lower Upper

91 100

92 50.6 25.8 77.3

134 25.0 13.5 40.4



#90

Hexachloroethane

Concen: 50.013 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013529.D

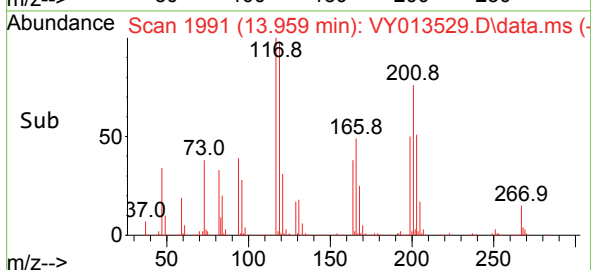
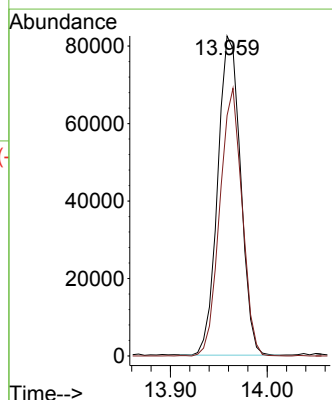
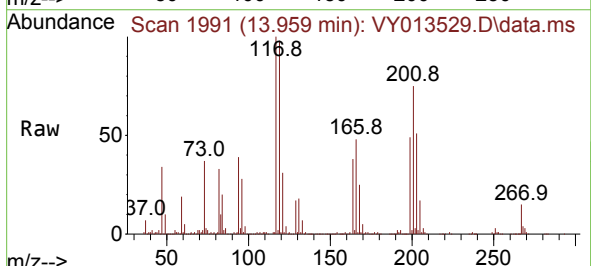
Acq: 28 Apr 2023 17:38

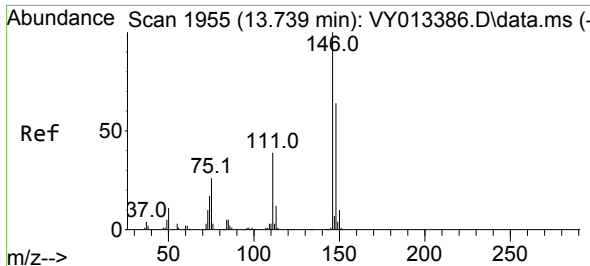
Tgt Ion: 117 Resp: 134871

Ion Ratio Lower Upper

117 100

201 81.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.881 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

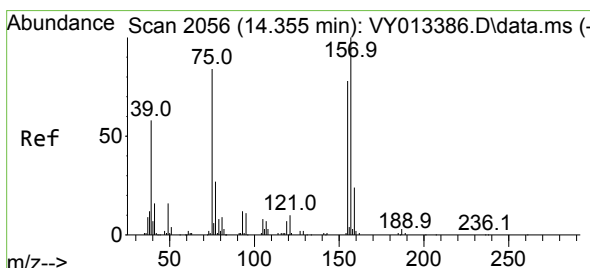
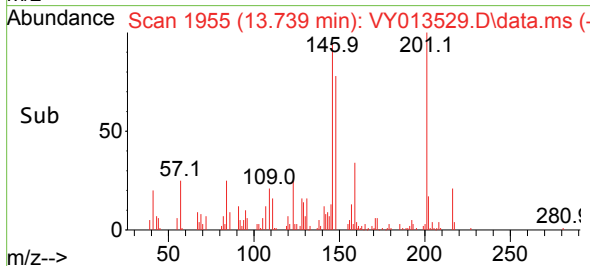
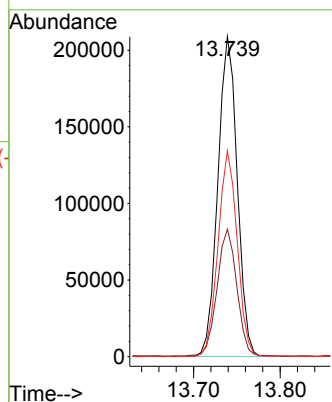
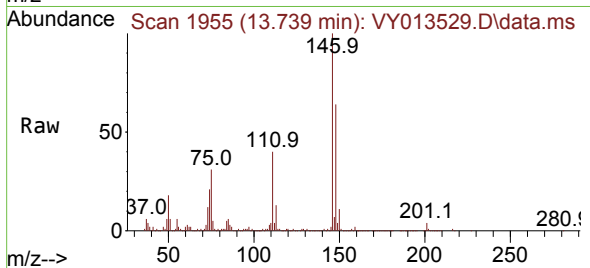
Tgt Ion:146 Resp: 324705

Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.4

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.447 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

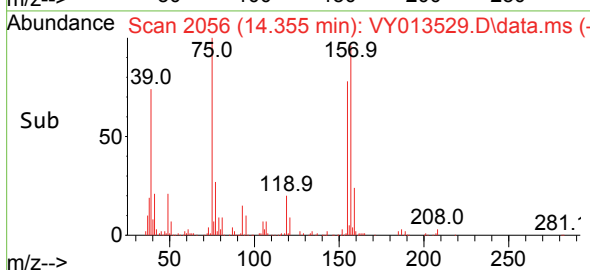
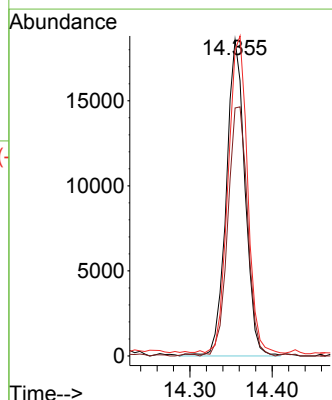
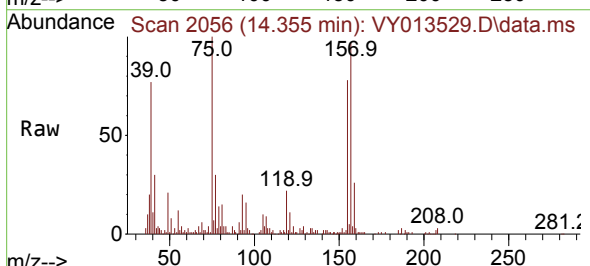
Tgt Ion: 75 Resp: 29455

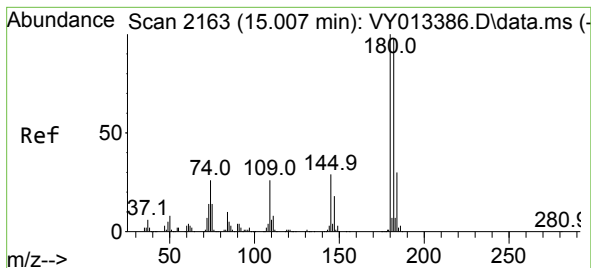
Ion Ratio Lower Upper

75 100

155 82.9 44.6 134.0

157 103.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 55.170 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

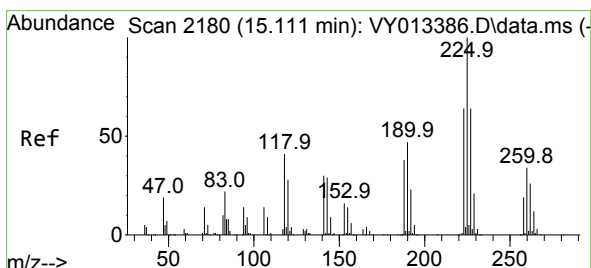
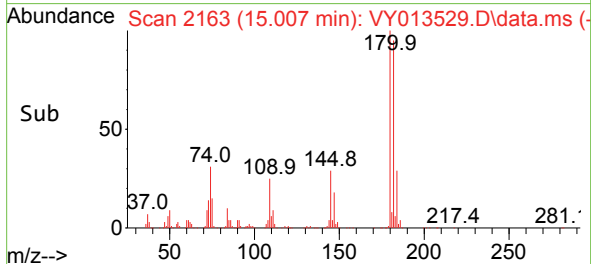
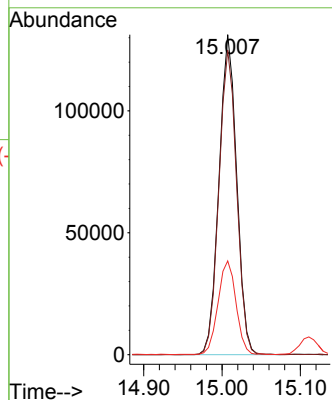
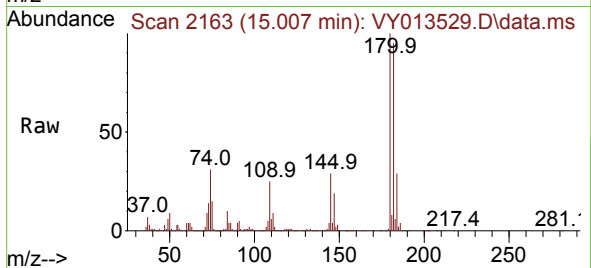
Tgt Ion:180 Resp: 205864

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.5

145 29.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 55.833 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

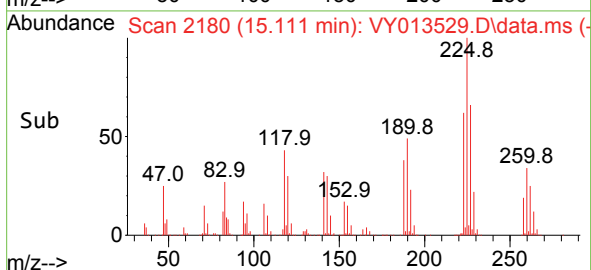
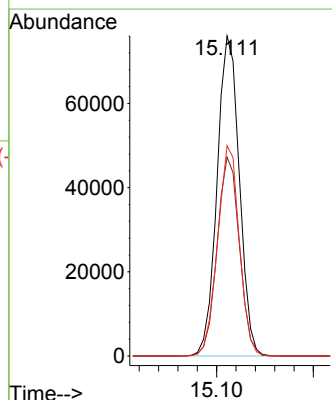
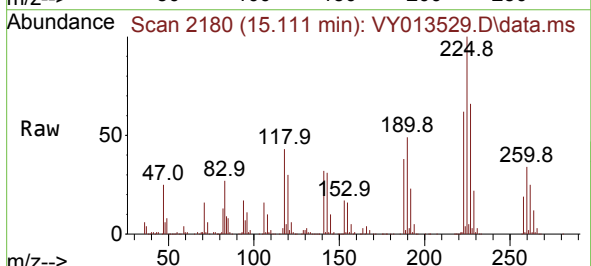
Tgt Ion:225 Resp: 121250

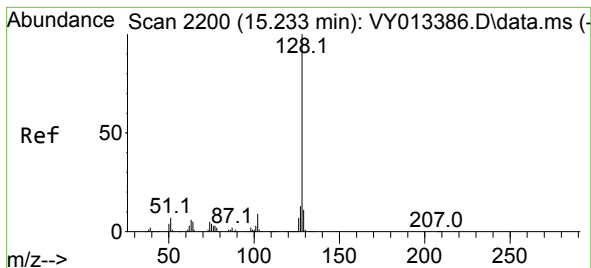
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 64.1 32.0 96.0





#95

Naphthalene

Concen: 51.581 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

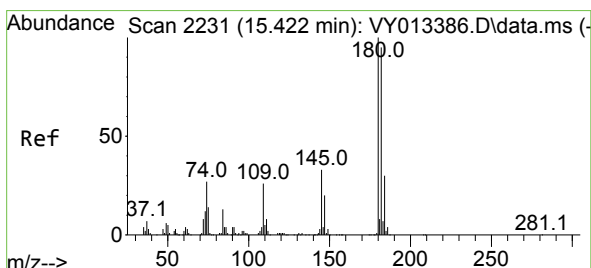
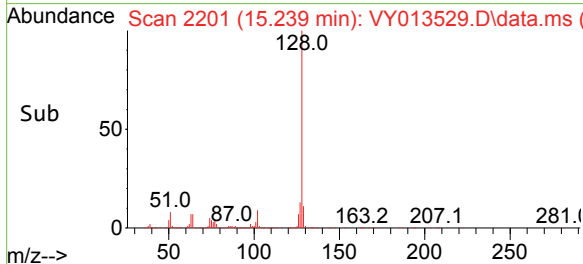
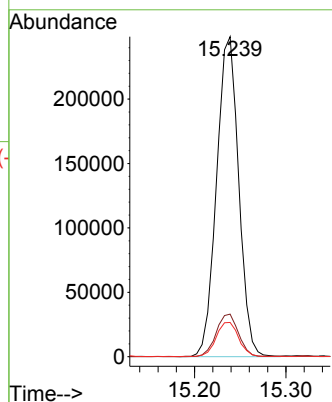
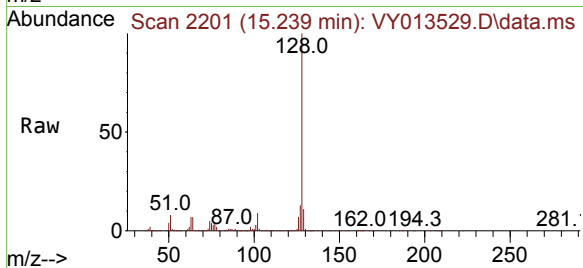
Tgt Ion:128 Resp: 417605

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 55.092 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013529.D

Acq: 28 Apr 2023 17:38

Tgt Ion:180 Resp: 183224

Ion Ratio Lower Upper

180 100

182 93.4 47.1 141.3

145 30.9 15.9 47.7

