

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014200.D
 Acq On : 15 Jun 2023 19:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 16 02:12:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112134	55.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.716	113	92972	52.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.700%
50) Toluene-d8	10.179	98	296292	44.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.483	95	129256	54.806	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	70489	43.772	ug/l	100
3) Chloromethane	2.113	50	94808	46.431	ug/l	100
4) Vinyl Chloride	2.247	62	90599	45.637	ug/l	96
5) Bromomethane	2.644	94	83132	50.753	ug/l	99
6) Chloroethane	2.790	64	63395	46.995	ug/l	97
7) Trichlorofluoromethane	3.119	101	153508	47.597	ug/l	96
8) Diethyl Ether	3.528	74	60243	55.941	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	79049	48.565	ug/l	98
10) Methyl Iodide	4.082	142	88149	41.013	ug/l	95
11) Tert butyl alcohol	4.948	59	70764	308.591	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	78622	47.655	ug/l	93
13) Acrolein	3.729	56	31559	336.373	ug/l	100
14) Allyl chloride	4.479	41	146059	48.840	ug/l	98
15) Acrylonitrile	5.161	53	175214	315.433	ug/l	98
16) Acetone	3.942	43	161475	266.235	ug/l	98
17) Carbon Disulfide	4.192	76	252496	47.230	ug/l	100
18) Methyl Acetate	4.479	43	139202	59.130	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	287574	59.100	ug/l	99
20) Methylene Chloride	4.710	84	115615	60.459	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	93347	50.729	ug/l	98
22) Diisopropyl ether	6.119	45	335415	58.579	ug/l	95
23) Vinyl Acetate	6.058	43	1027345	304.095	ug/l	100
24) 1,1-Dichloroethane	6.015	63	177331	53.715	ug/l	99
25) 2-Butanone	6.978	43	236211	316.385	ug/l	97
26) 2,2-Dichloropropane	6.978	77	147031	47.418	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	115191	55.960	ug/l	97
28) Bromochloromethane	7.332	49	76710	57.138	ug/l	96
29) Tetrahydrofuran	7.344	42	157273	332.204	ug/l	99
30) Chloroform	7.502	83	198038	56.544	ug/l	99
31) Cyclohexane	7.783	56	125371	46.512	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	159058	50.353	ug/l	98
36) 1,1-Dichloropropene	7.917	75	124960	45.135	ug/l	99
37) Ethyl Acetate	7.076	43	103419	54.138	ug/l	97
38) Carbon Tetrachloride	7.899	117	145476	45.534	ug/l	95
39) Methylcyclohexane	9.185	83	135834	44.220	ug/l	99
40) Benzene	8.161	78	406583	49.387	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	148757	152.584	ug/l	# 29
42) 1,2-Dichloroethane	8.234	62	153750	52.812	ug/l	99
43) Isopropyl Acetate	8.271	43	190014	56.752	ug/l	99
44) Trichloroethene	8.941	130	104187	47.367	ug/l	97
45) 1,2-Dichloropropane	9.216	63	106514	50.937	ug/l	97
46) Dibromomethane	9.307	93	70237	54.566	ug/l	100
47) Bromodichloromethane	9.496	83	160108	53.124	ug/l	99
48) Methyl methacrylate	9.295	41	89052	57.026	ug/l	99
49) 1,4-Dioxane	9.295	88	20600	1259.502	ug/l	# 50
51) 4-Methyl-2-Pentanone	10.069	43	536500	294.943	ug/l	100
52) Toluene	10.246	92	253389	49.651	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	168919	53.241	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	179381	51.819	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	94779	55.514	ug/l	98
56) Ethyl methacrylate	10.508	69	133084	56.514	ug/l	97
57) 1,3-Dichloropropane	10.788	76	162795	55.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	313581	292.510	ug/l	97
59) 2-Hexanone	10.831	43	385126	293.143	ug/l	100
60) Dibromochloromethane	10.984	129	120949	55.350	ug/l	99
61) 1,2-Dibromoethane	11.087	107	93340	55.396	ug/l	100
64) Tetrachloroethene	10.721	164	96292	45.206	ug/l	98
65) Chlorobenzene	11.514	112	284362	47.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	115690	48.983	ug/l	99
67) Ethyl Benzene	11.593	91	493398	46.942	ug/l	100
68) m/p-Xylenes	11.703	106	384575	95.125	ug/l	97
69) o-Xylene	12.032	106	184470	48.262	ug/l	98
70) Styrene	12.044	104	334593	51.290	ug/l	99
71) Bromoform	12.209	173	87459	54.071	ug/l	# 99
73) Isopropylbenzene	12.331	105	471597	42.655	ug/l	99
74) N-amyl acetate	12.142	43	182085	51.970	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	121232	49.072	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	162136	85.270	ug/l	# 100
77) Bromobenzene	12.605	156	133183	45.832	ug/l	98
78) n-propylbenzene	12.672	91	581689	43.075	ug/l	100
79) 2-Chlorotoluene	12.758	91	340976	43.882	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	412168	43.538	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	43370	49.304	ug/l	99
82) 4-Chlorotoluene	12.855	91	361171	43.862	ug/l	99
83) tert-Butylbenzene	13.075	119	338428	42.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	422327	45.067	ug/l	100
85) sec-Butylbenzene	13.251	105	491678	42.038	ug/l	100
86) p-Isopropyltoluene	13.367	119	427505	42.708	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	252158	45.449	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	251061	44.912	ug/l	99
89) n-Butylbenzene	13.696	91	397558	42.821	ug/l	99
90) Hexachloroethane	13.959	117	85861	43.046	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	233020	46.762	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23194	49.301	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	144617	45.813	ug/l	97
94) Hexachlorobutadiene	15.111	225	80938	44.412	ug/l	96
95) Naphthalene	15.233	128	308391	48.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132473	46.442	ug/l	98

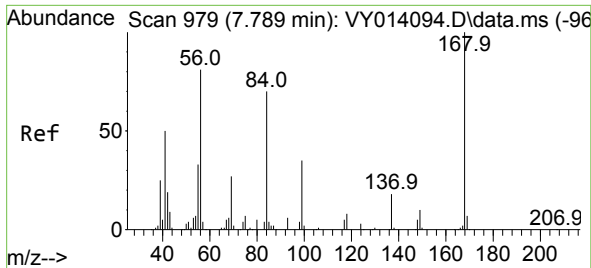
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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

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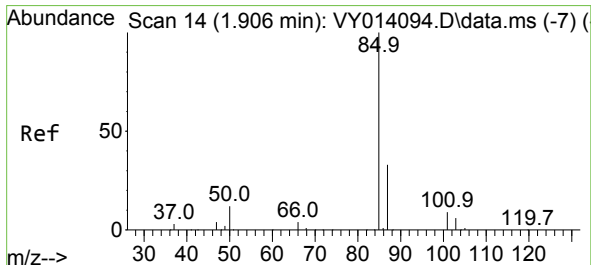
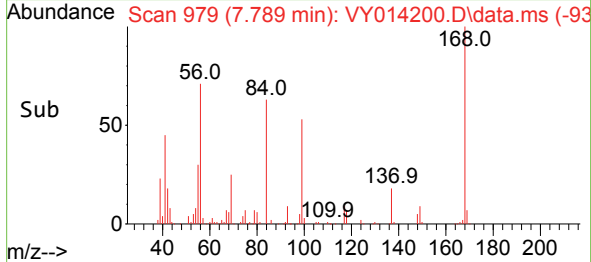
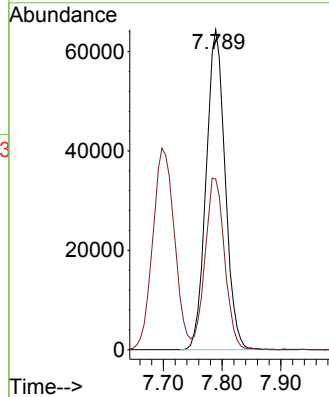
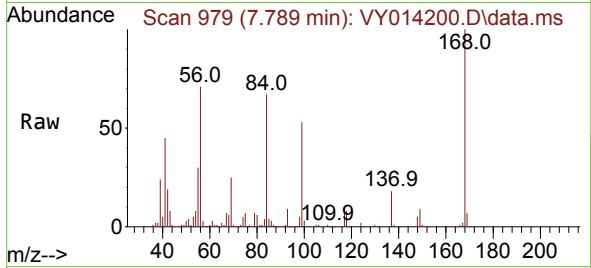
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

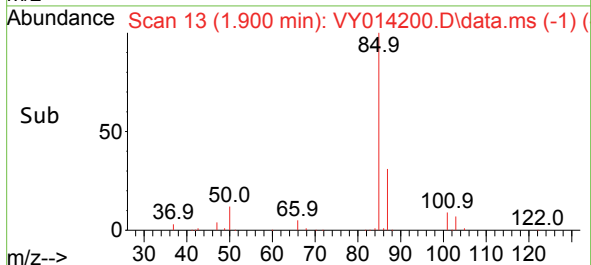
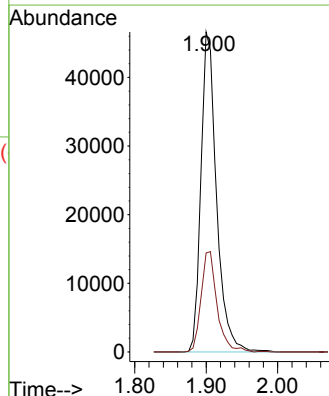
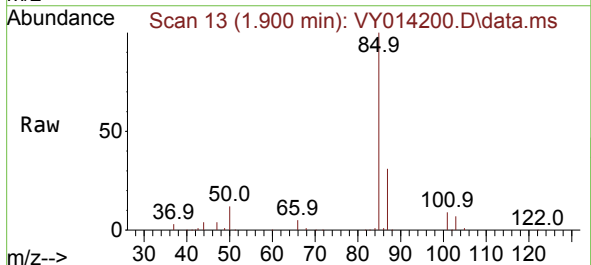
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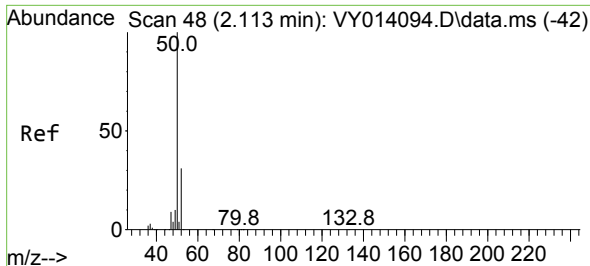
Tgt Ion:168 Resp: 144495
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.772 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 85 Resp: 70489
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8

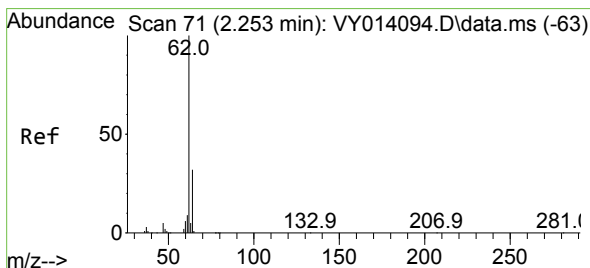
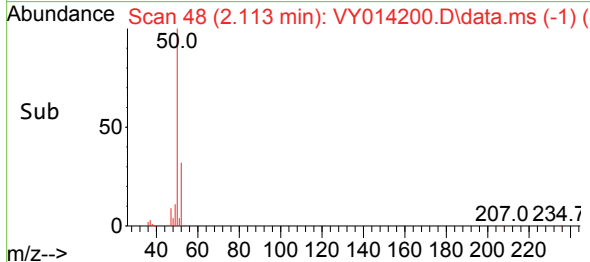
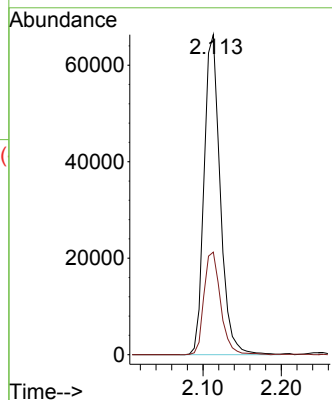
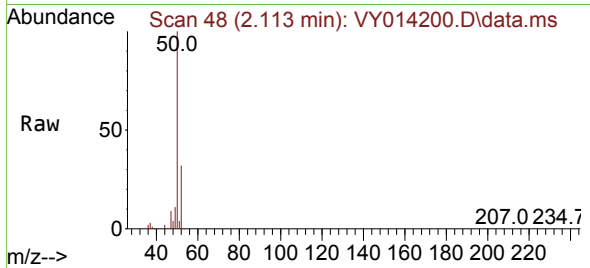




#3
Chloromethane
Concen: 46.431 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

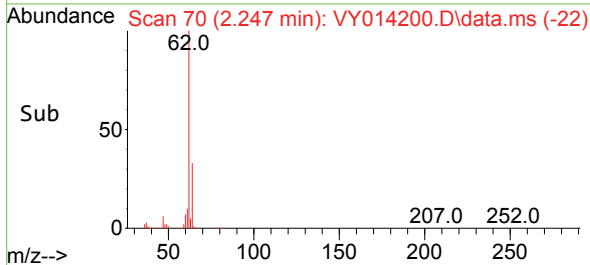
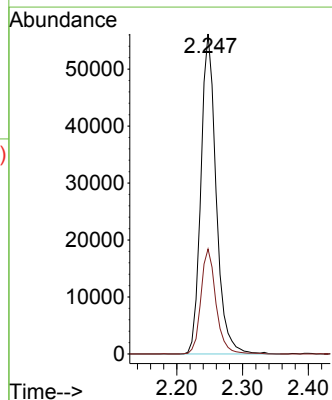
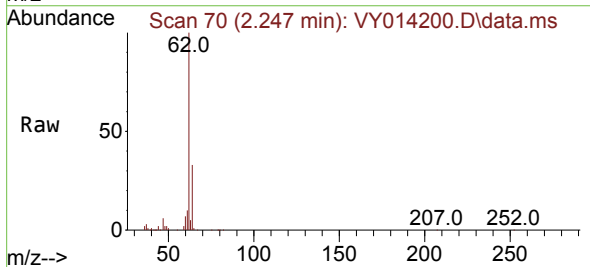
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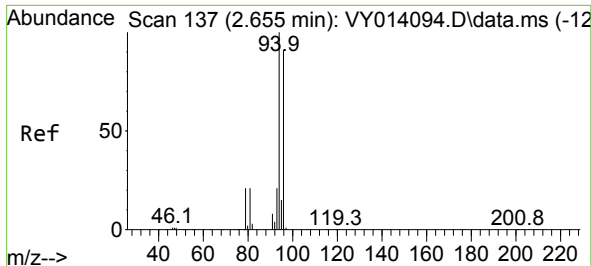
Tgt Ion: 50 Resp: 94808
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 45.637 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 62 Resp: 90599
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5

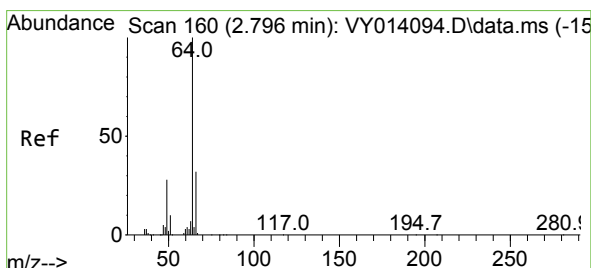
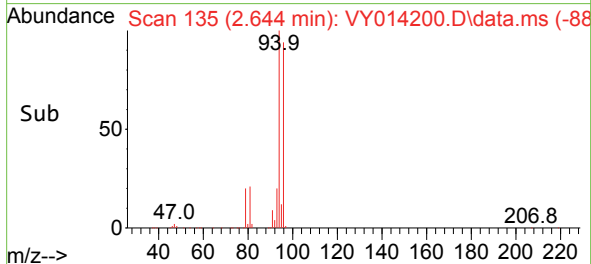
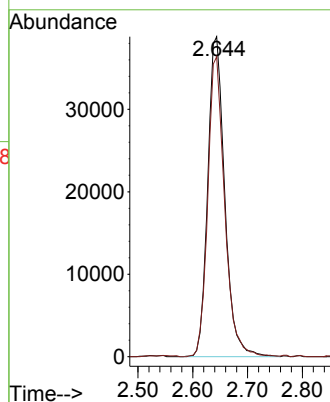
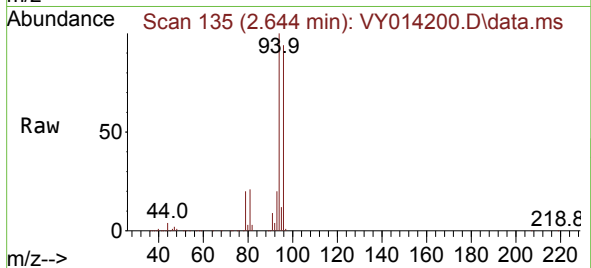




#5
Bromomethane
Concen: 50.753 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.011 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

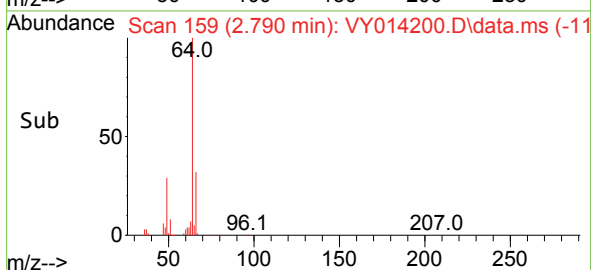
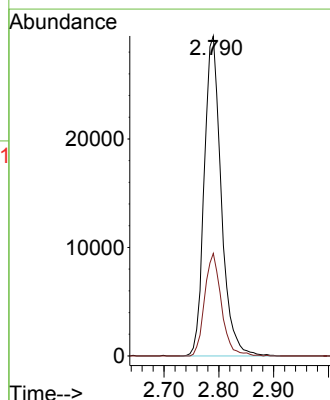
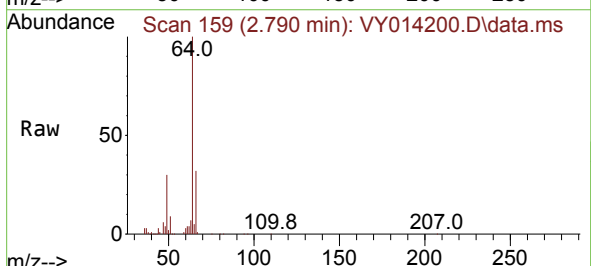
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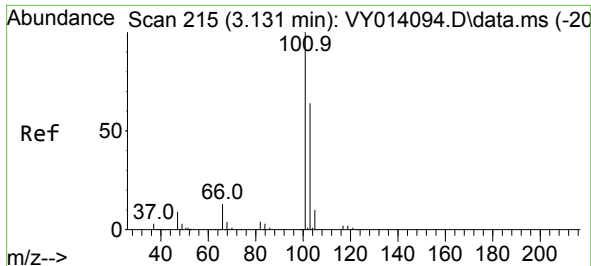
Tgt Ion: 94 Resp: 83132
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.6



#6
Chloroethane
Concen: 46.995 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 64 Resp: 63395
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6

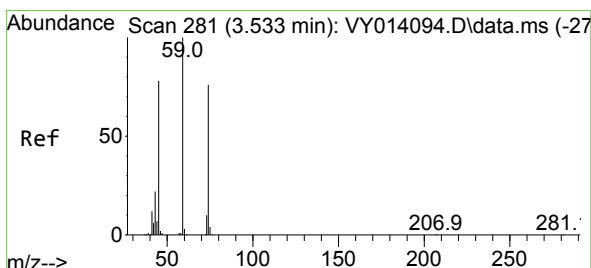
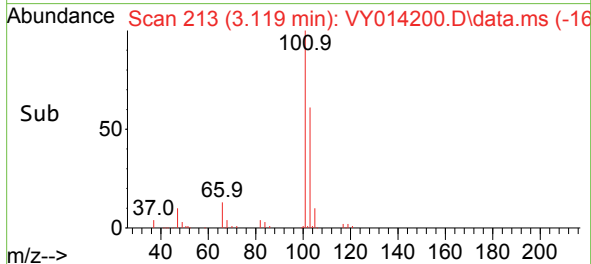
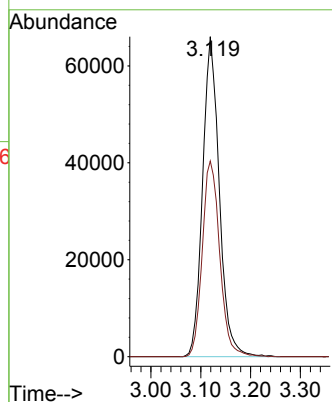
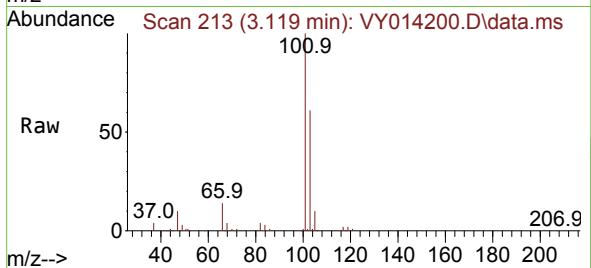




#7
 Trichlorofluoromethane
 Concen: 47.597 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

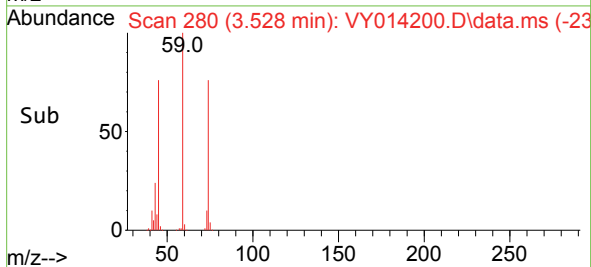
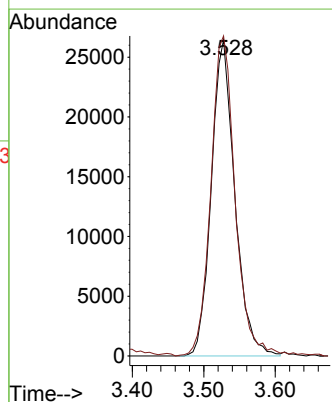
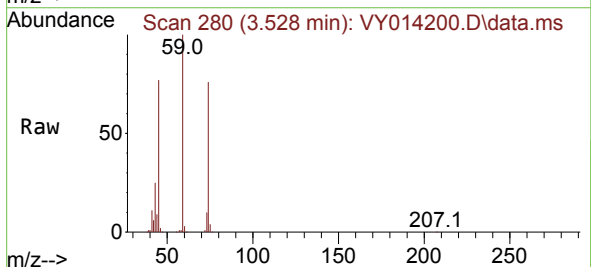
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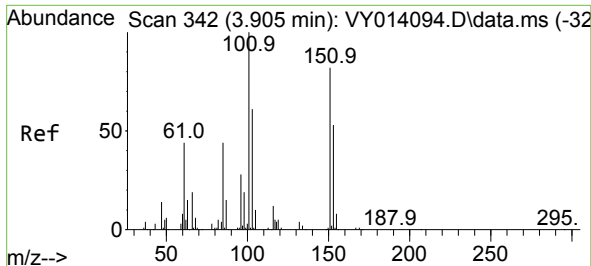
Tgt Ion:101 Resp: 153508
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 55.941 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.005 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

Tgt Ion: 74 Resp: 60243
 Ion Ratio Lower Upper
 74 100
 45 105.6 51.5 154.5

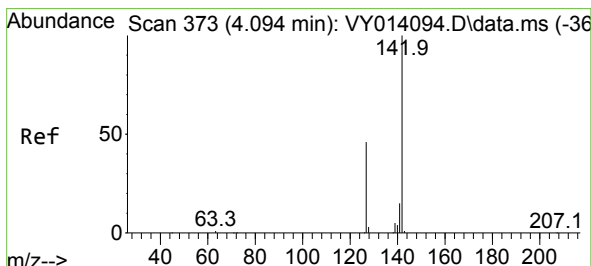
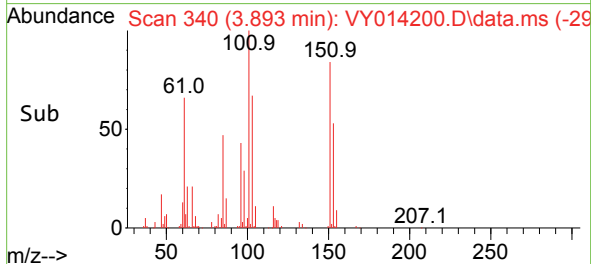
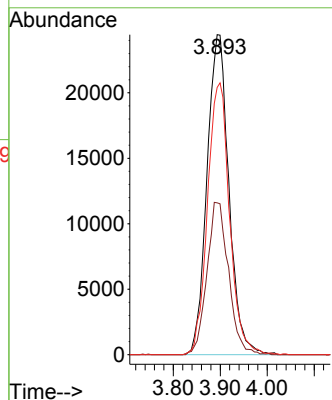
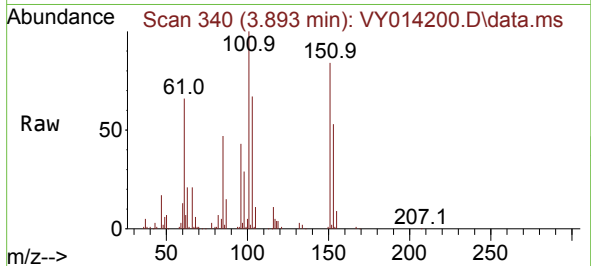




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.565 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY014200.D
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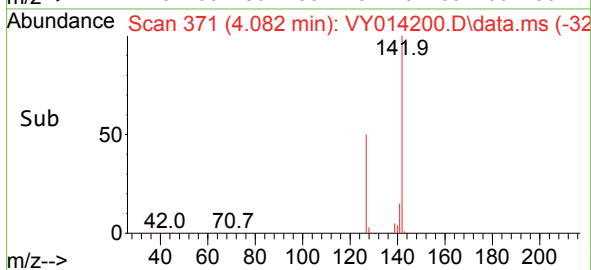
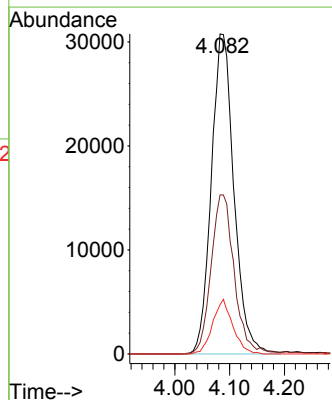
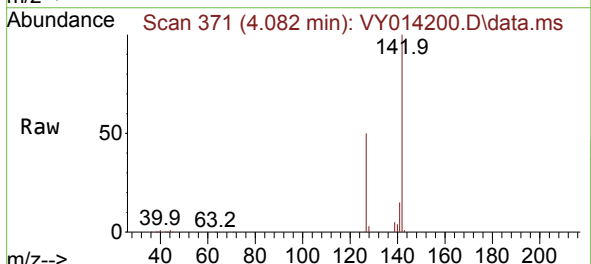
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

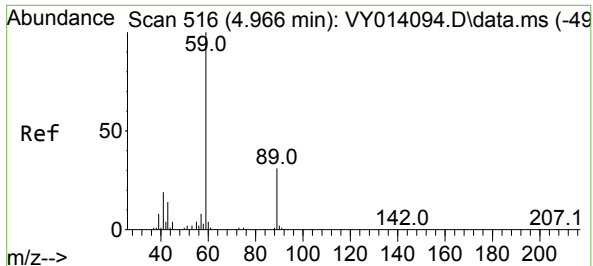
Tgt Ion:101 Resp: 79049
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 85.7 67.0 100.6



#10
Methyl Iodide
Concen: 41.013 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion:142 Resp: 88149
Ion Ratio Lower Upper
142 100
127 50.8 37.6 56.4
141 15.3 11.8 17.8

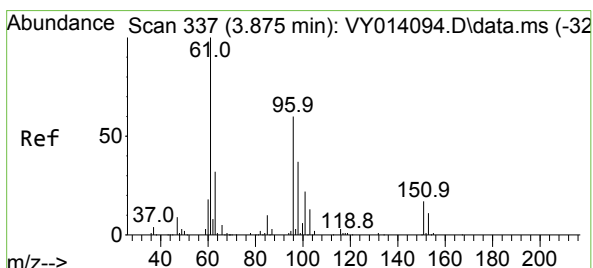
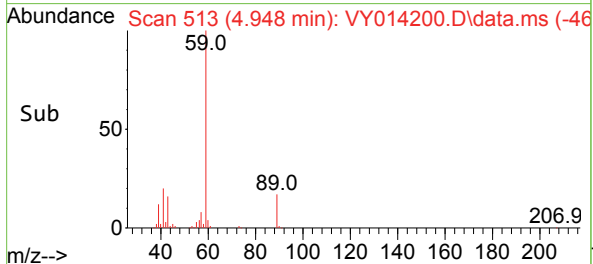
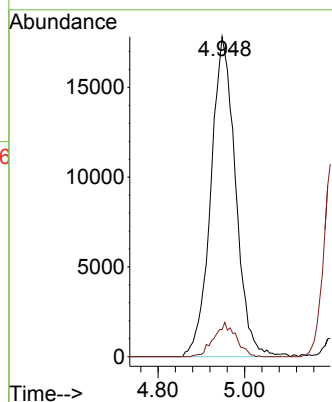
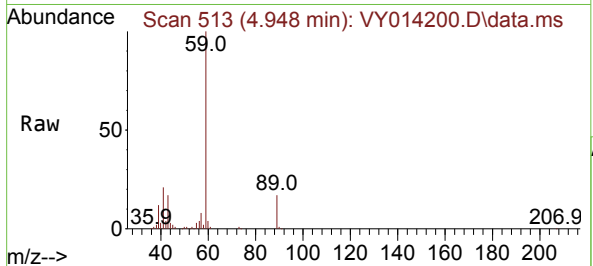




#11
Tert butyl alcohol
Concen: 308.591 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

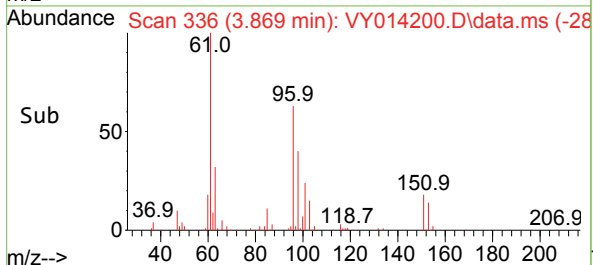
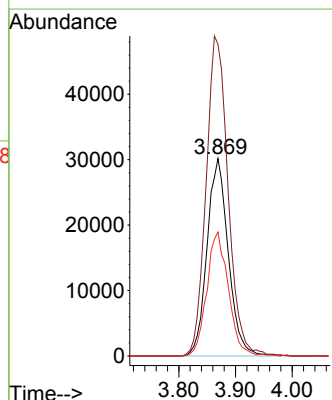
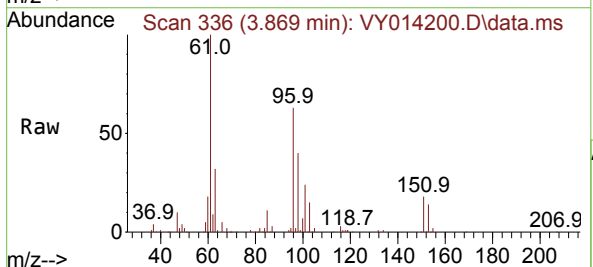
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

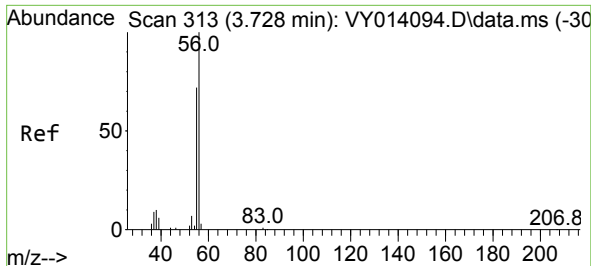
Tgt Ion: 59 Resp: 70764
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.655 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 96 Resp: 78622
Ion Ratio Lower Upper
96 100
61 157.8 136.4 204.6
98 62.8 49.4 74.2

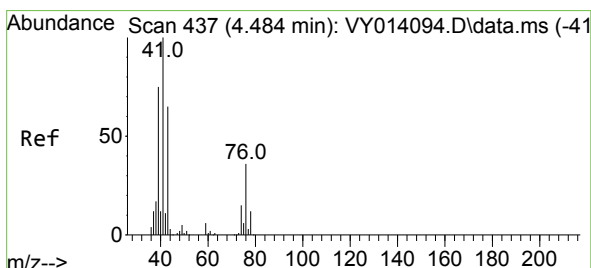
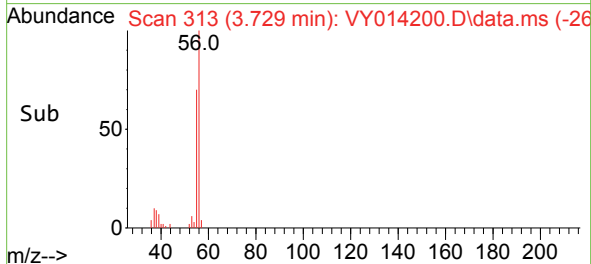
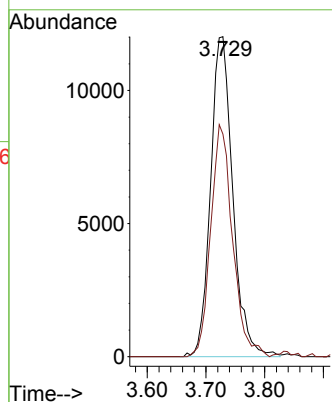
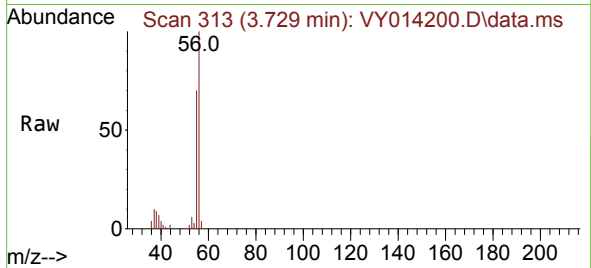




#13
Acrolein
Concen: 336.373 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

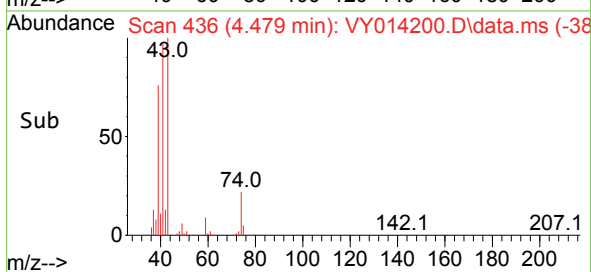
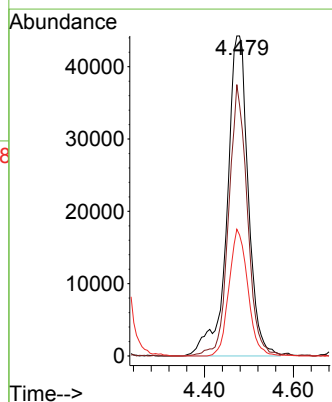
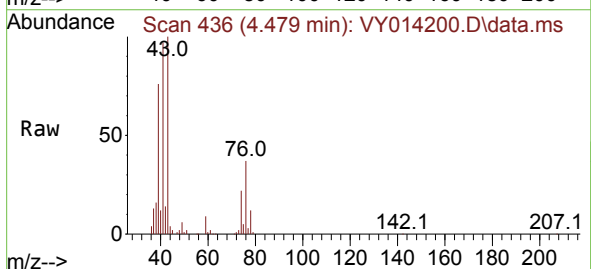
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

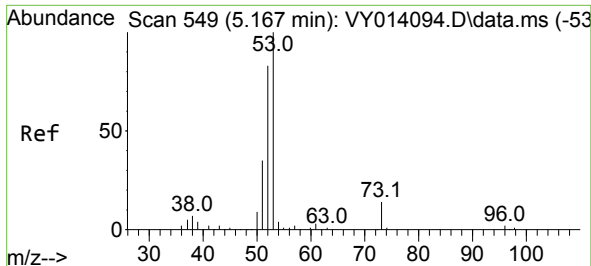
Tgt Ion: 56 Resp: 31559
Ion Ratio Lower Upper
56 100
55 71.4 57.0 85.4



#14
Allyl chloride
Concen: 48.840 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 41 Resp: 146059
Ion Ratio Lower Upper
41 100
39 74.7 58.0 87.0
76 35.3 27.4 41.2

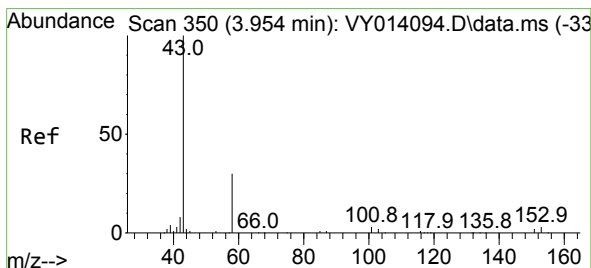
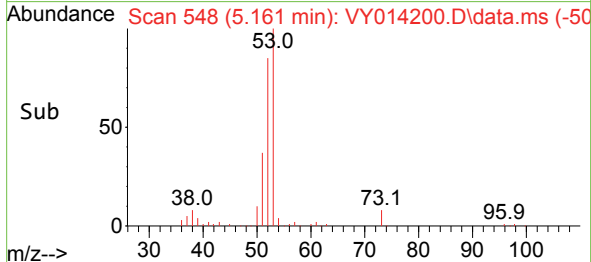
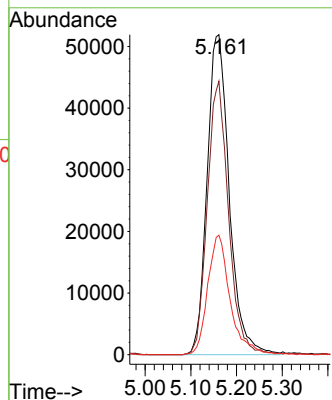
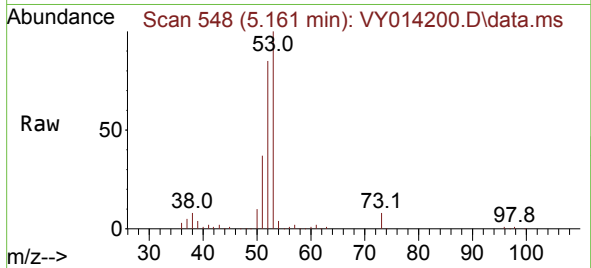




#15
Acrylonitrile
Concen: 315.433 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

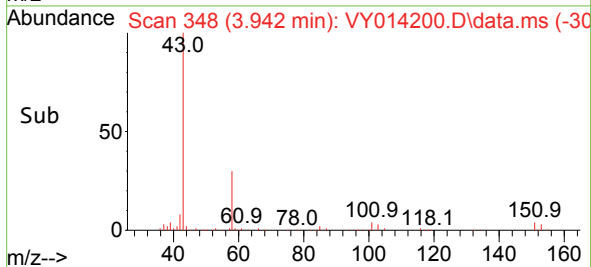
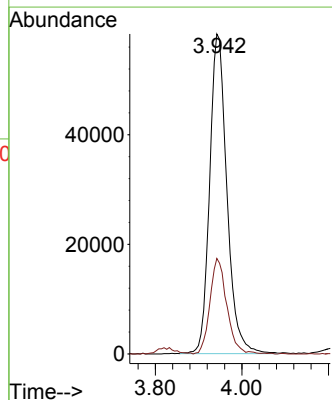
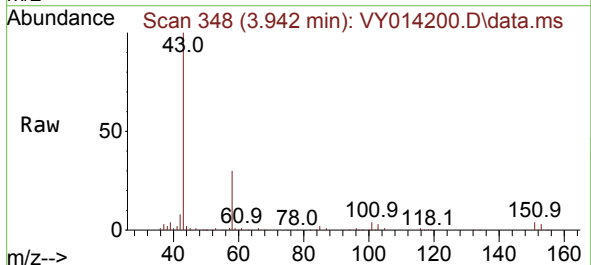
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

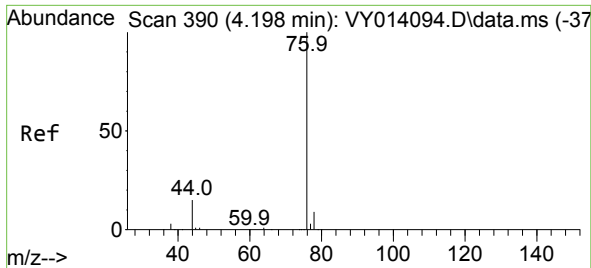
Tgt Ion: 53 Resp: 175214
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 266.235 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 43 Resp: 161475
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1

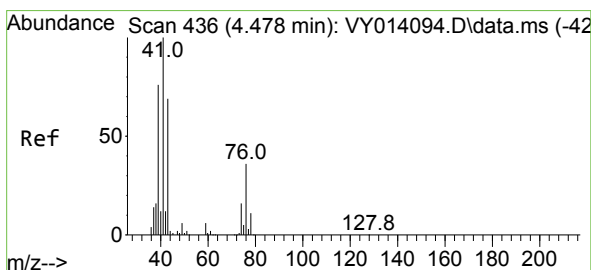
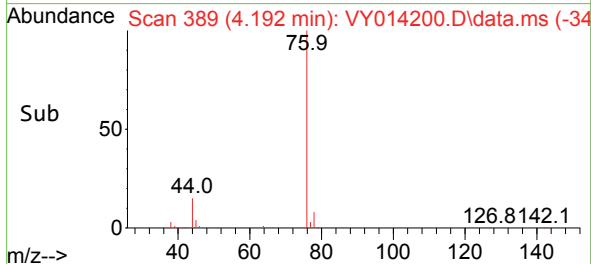
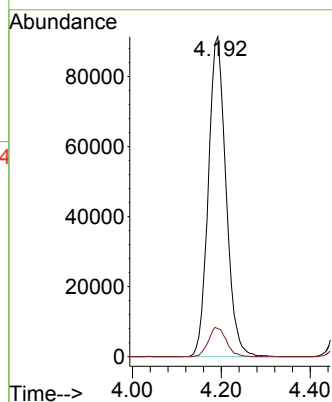
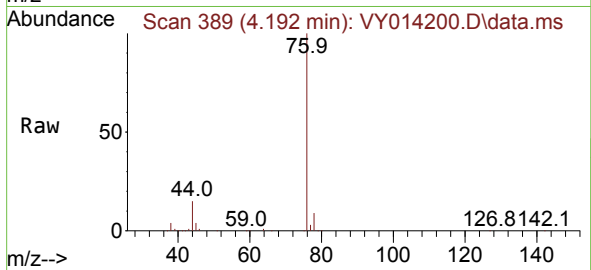




#17
Carbon Disulfide
Concen: 47.230 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

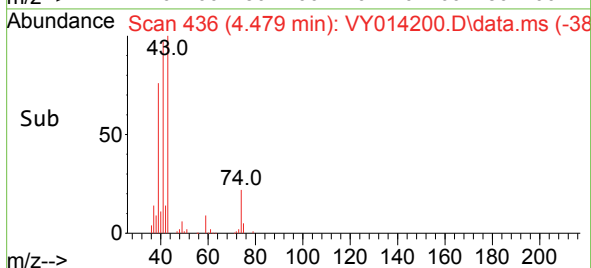
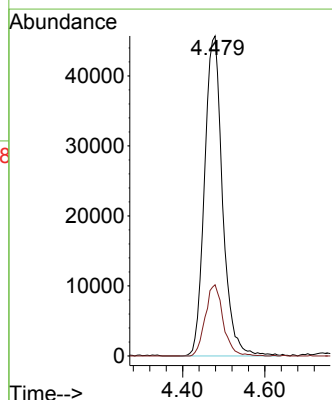
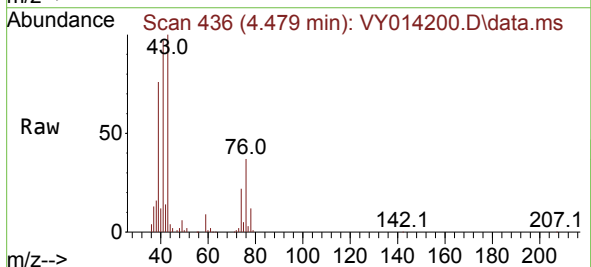
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

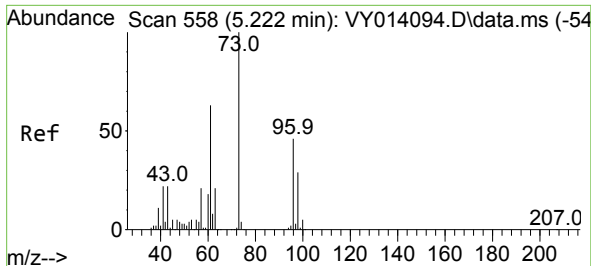
Tgt Ion: 76 Resp: 252496
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 59.130 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 43 Resp: 139202
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0

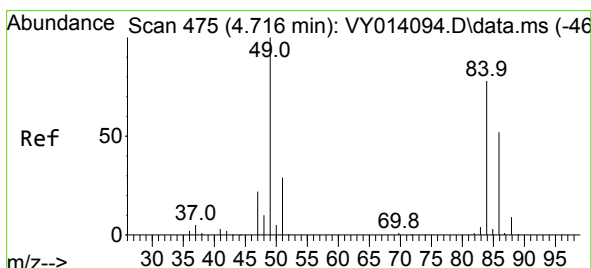
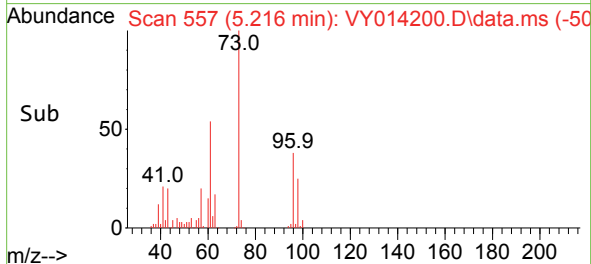
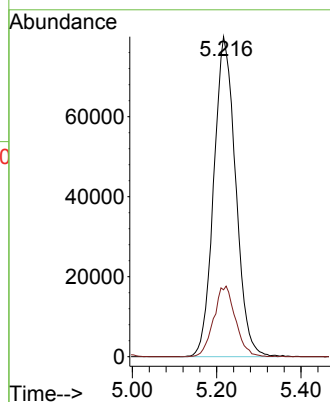
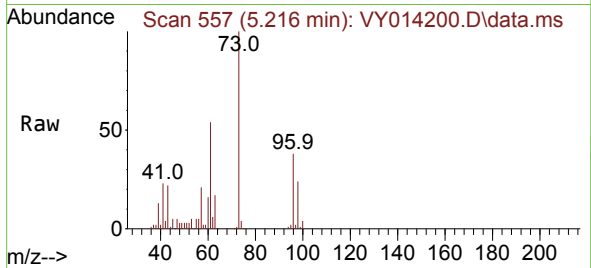




#19
Methyl tert-butyl Ether
Concen: 59.100 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

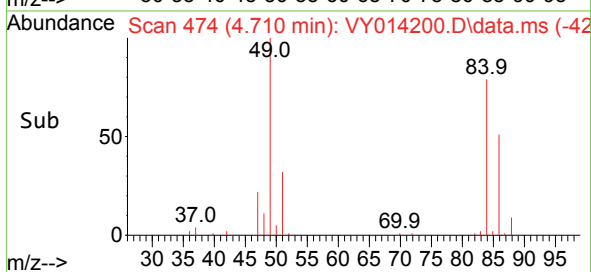
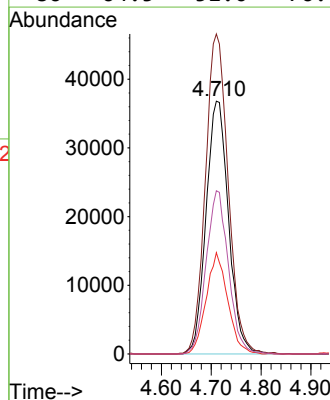
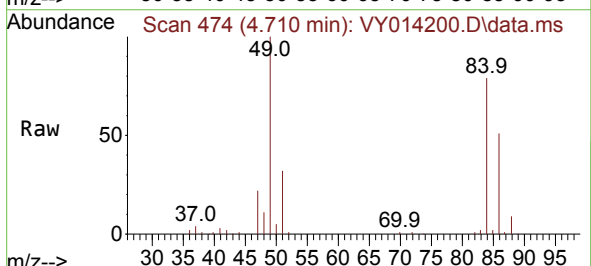
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

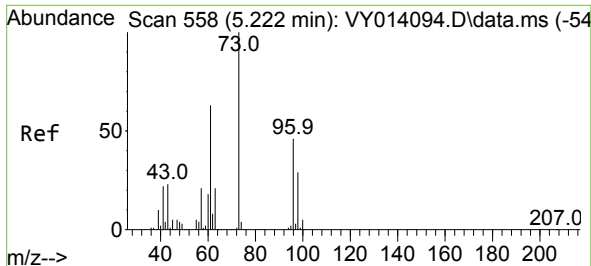
Tgt Ion: 73 Resp: 287574
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 60.459 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 84 Resp: 115615
Ion Ratio Lower Upper
84 100
49 126.5 106.9 160.3
51 40.1 33.2 49.8
86 64.5 51.0 76.6

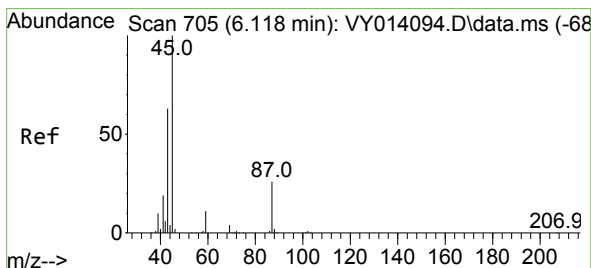
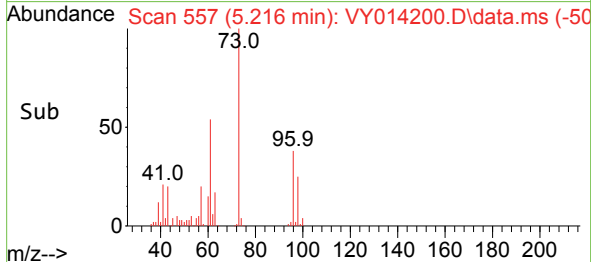
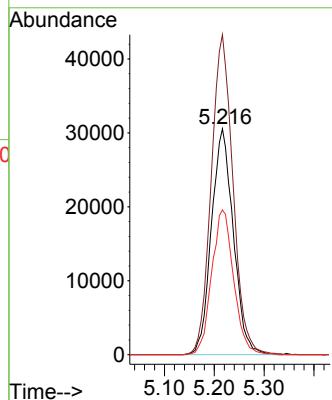
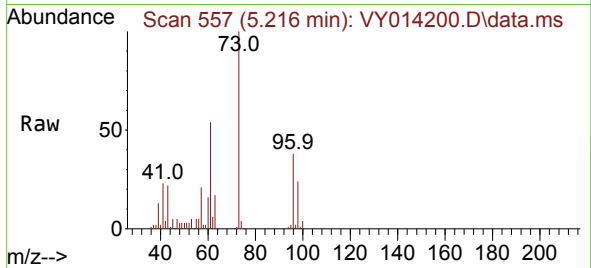




#21
trans-1,2-Dichloroethene
Concen: 50.729 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

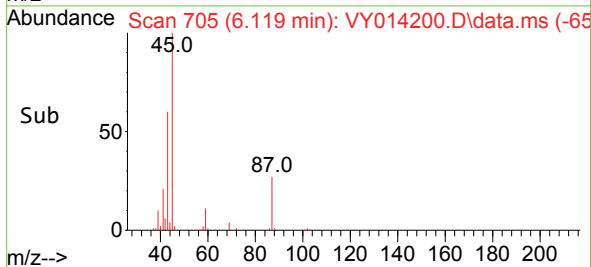
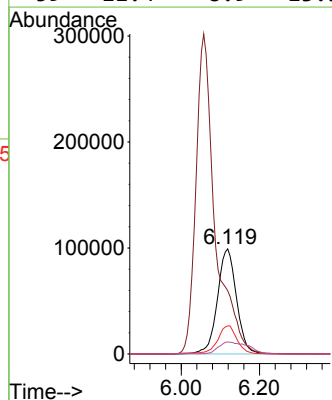
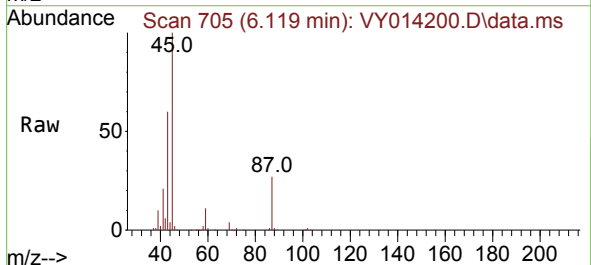
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

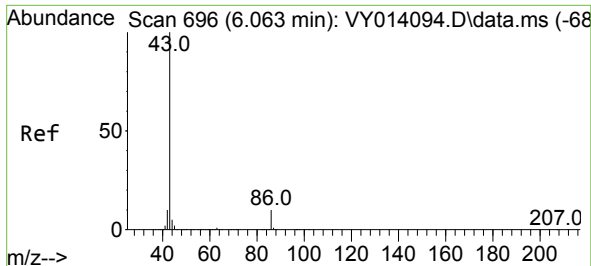
Tgt Ion: 96 Resp: 93347
Ion Ratio Lower Upper
96 100
61 141.6 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 58.579 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 45 Resp: 335415
Ion Ratio Lower Upper
45 100
43 59.7 52.2 78.4
87 26.7 21.0 31.6
59 11.4 8.9 13.3

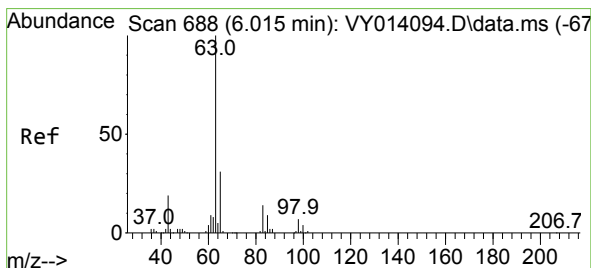
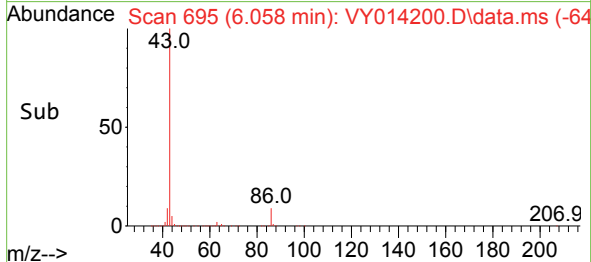
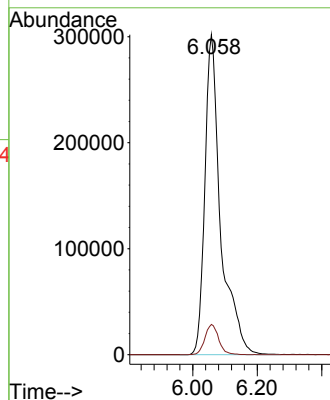
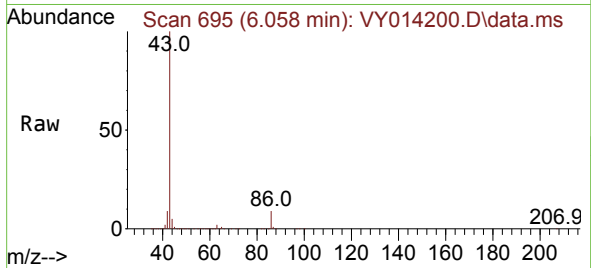




#23
 Vinyl Acetate
 Concen: 304.095 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

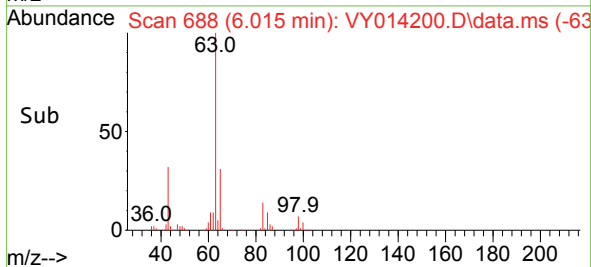
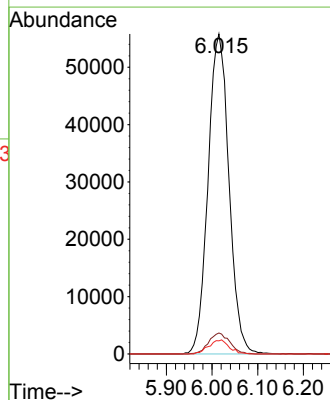
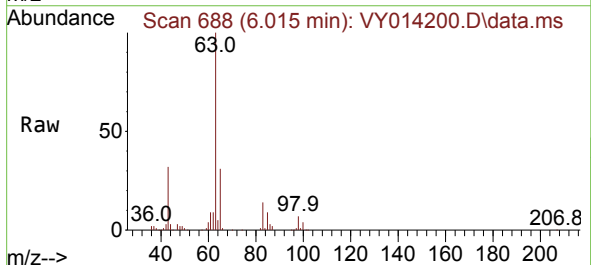
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

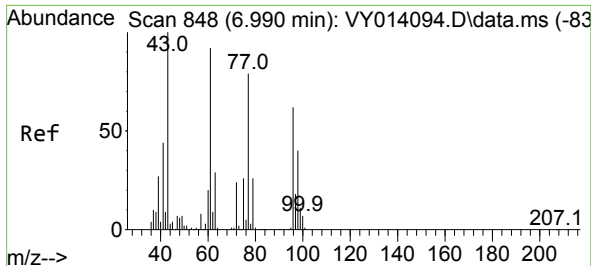
Tgt Ion: 43 Resp: 1027345
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.715 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

Tgt Ion: 63 Resp: 177331
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.1 1.8 5.5

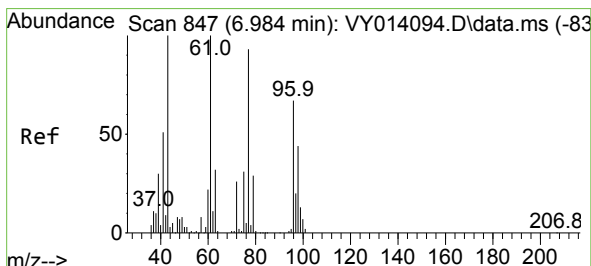
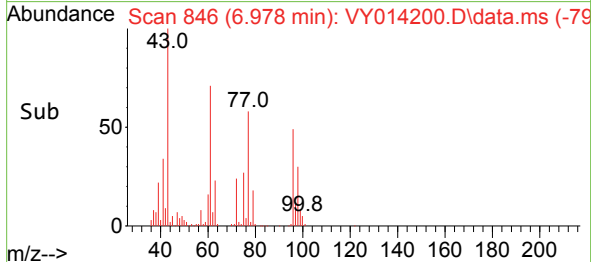
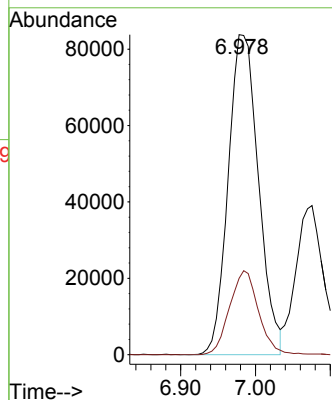
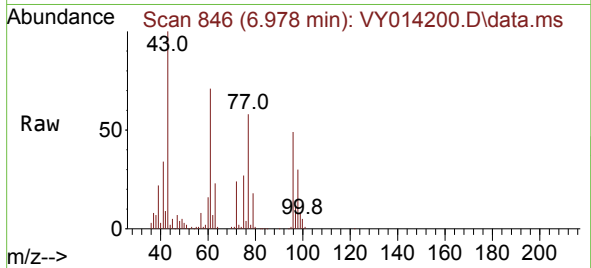




#25
2-Butanone
Concen: 316.385 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

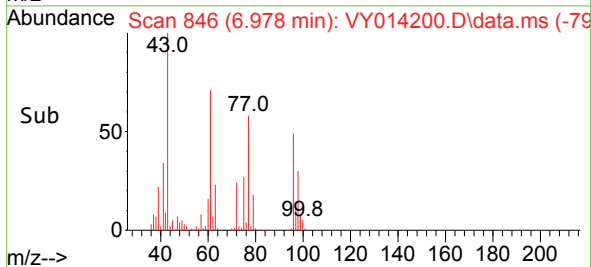
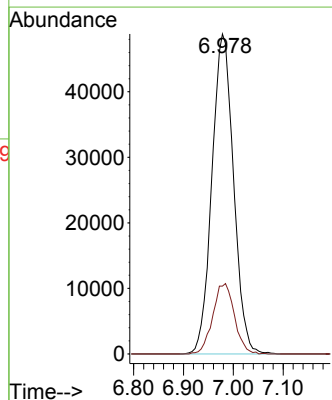
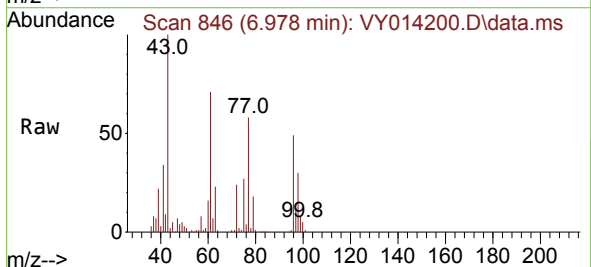
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

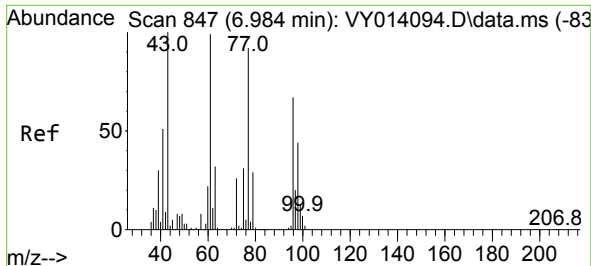
Tgt Ion: 43 Resp: 236211
Ion Ratio Lower Upper
43 100
72 23.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.418 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 77 Resp: 147031
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.960 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

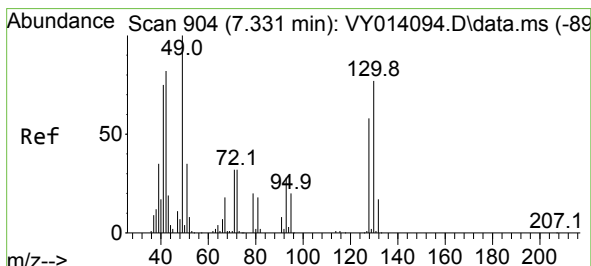
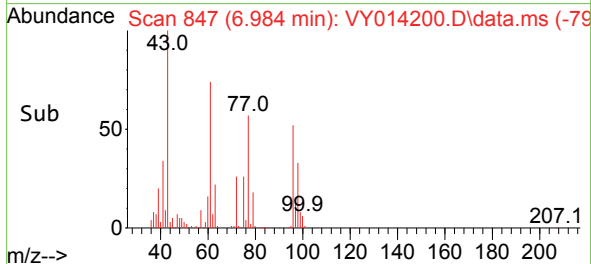
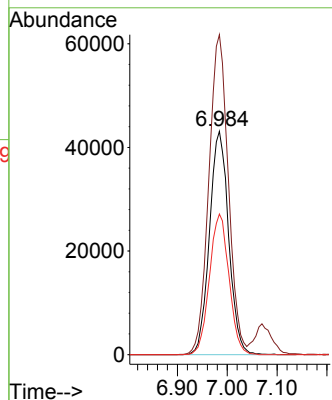
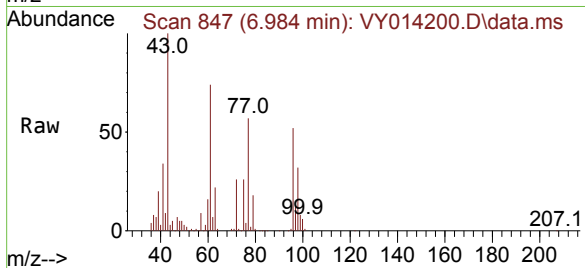
Tgt Ion: 96 Resp: 115191

Ion Ratio Lower Upper

96 100

61 145.6 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 57.138 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

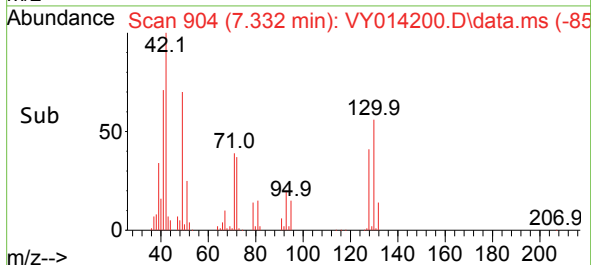
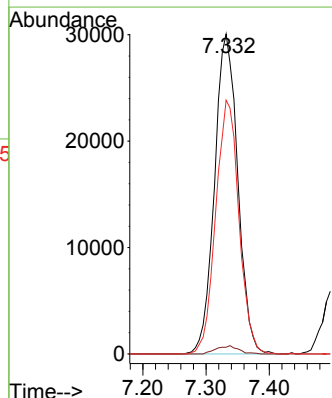
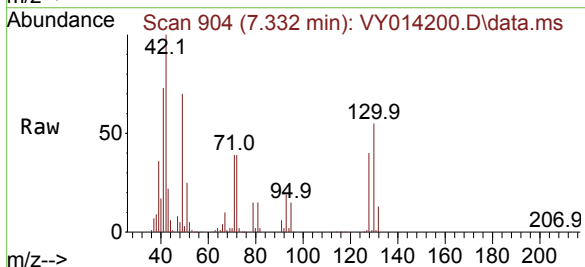
Tgt Ion: 49 Resp: 76710

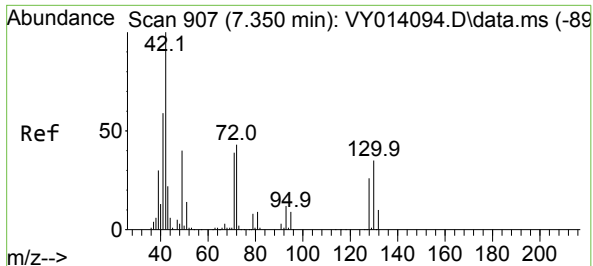
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 79.0 60.7 91.1

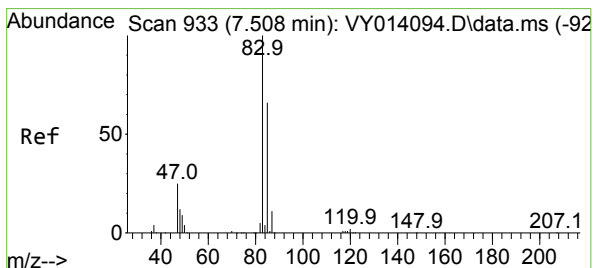
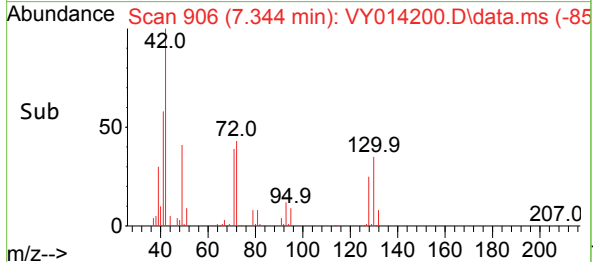
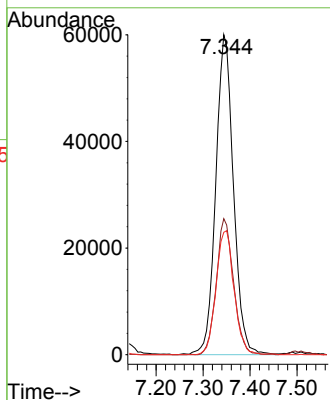
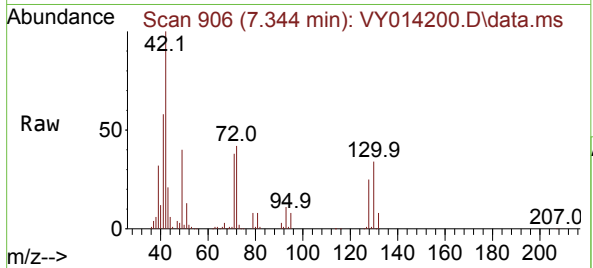




#29
Tetrahydrofuran
Concen: 332.204 ug/l
RT: 7.344 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

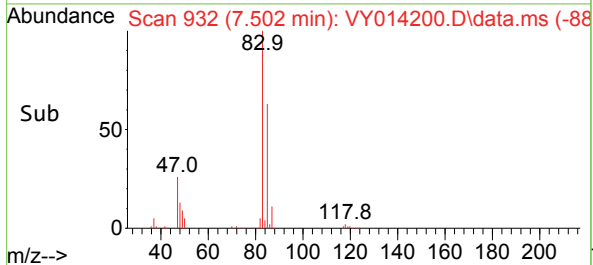
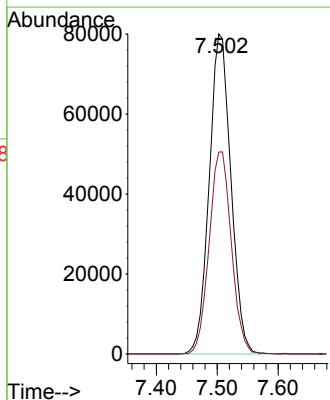
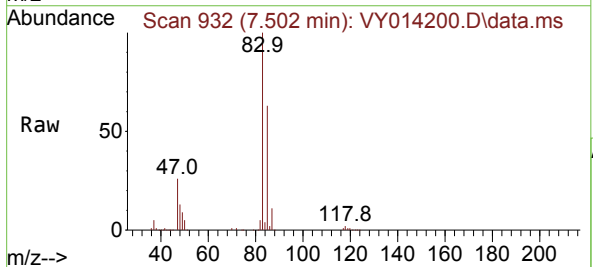
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

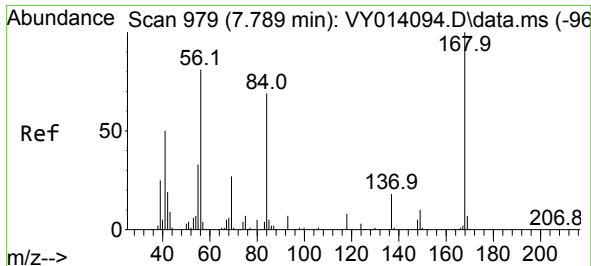
Tgt Ion: 42 Resp: 157273
Ion Ratio Lower Upper
42 100
72 41.4 32.8 49.2
71 39.4 31.0 46.4



#30
Chloroform
Concen: 56.544 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 83 Resp: 198038
Ion Ratio Lower Upper
83 100
85 63.1 49.7 74.5

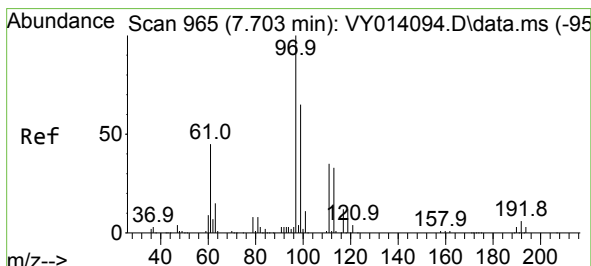
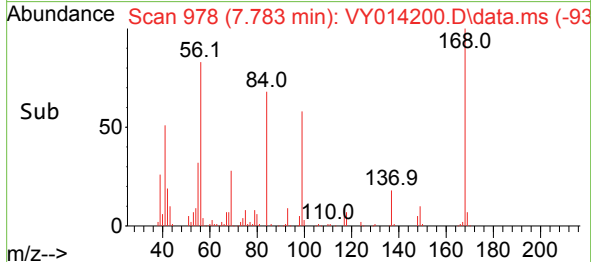
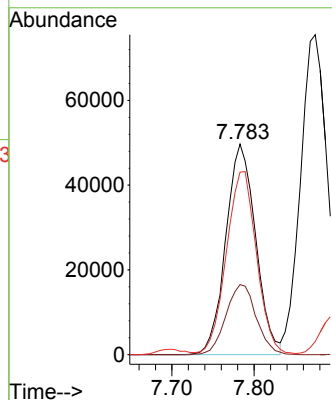
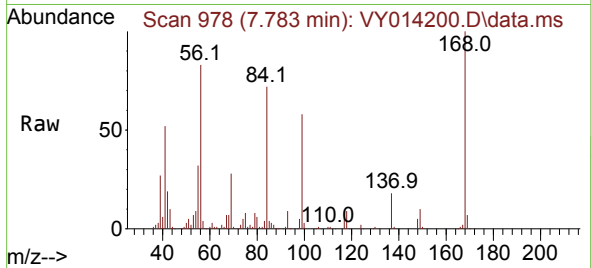




#31
Cyclohexane
Concen: 46.512 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

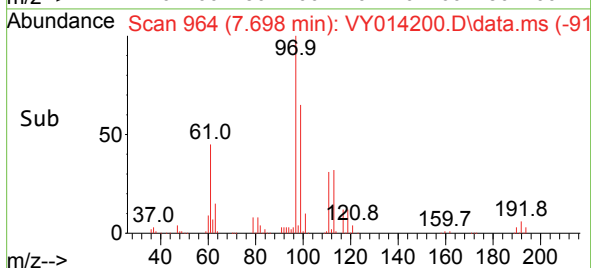
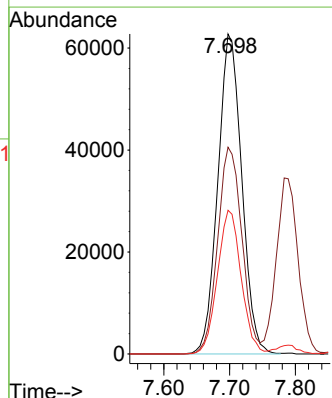
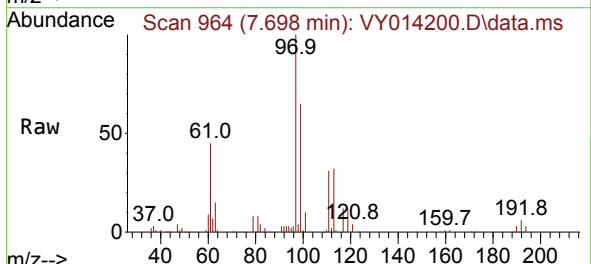
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

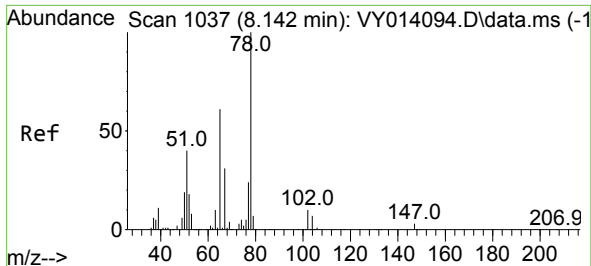
Tgt Ion: 56 Resp: 125371
Ion Ratio Lower Upper
56 100
69 33.3 27.8 41.6
84 85.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.353 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 97 Resp: 159058
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 44.5 35.1 52.7

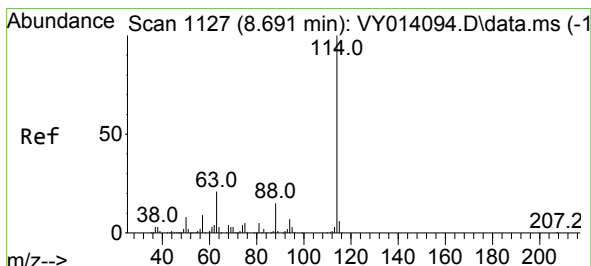
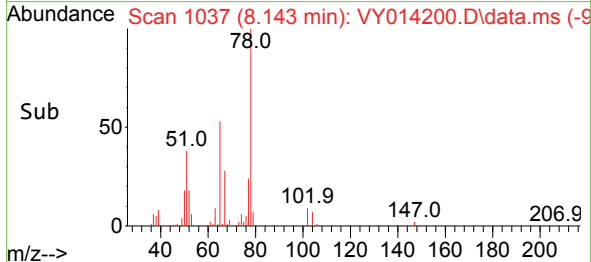
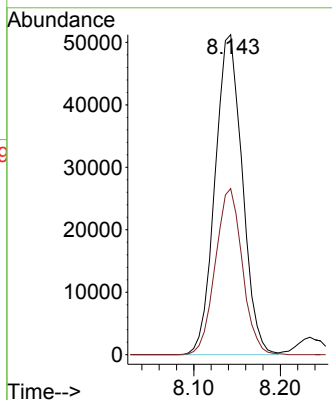
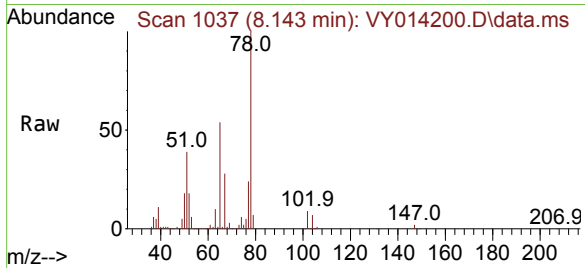




#33
 1,2-Dichloroethane-d4
 Concen: 55.729 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

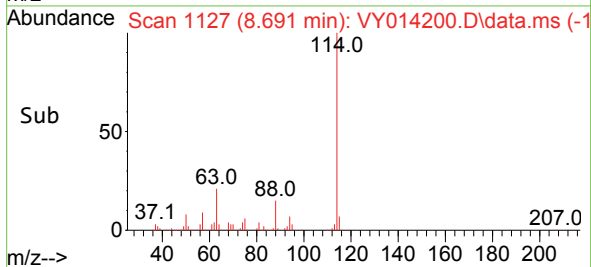
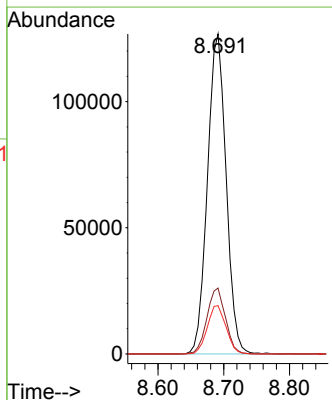
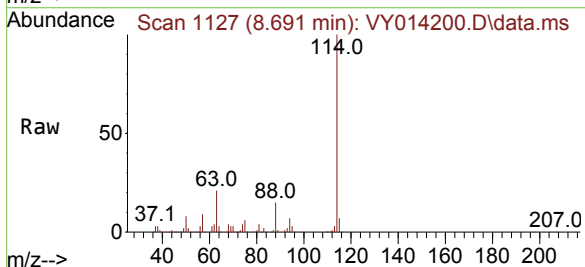
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

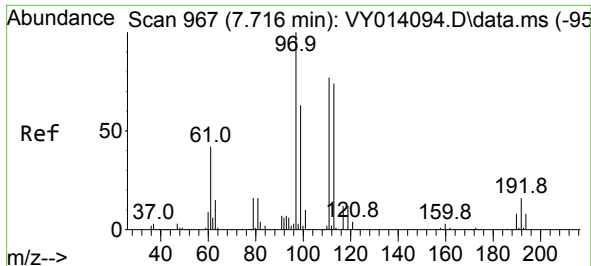
Tgt Ion: 65 Resp: 112134
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

Tgt Ion: 114 Resp: 250411
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.1 0.0 30.6

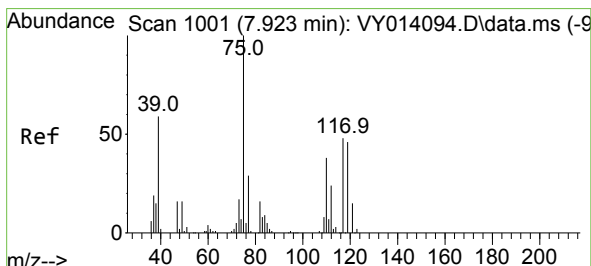
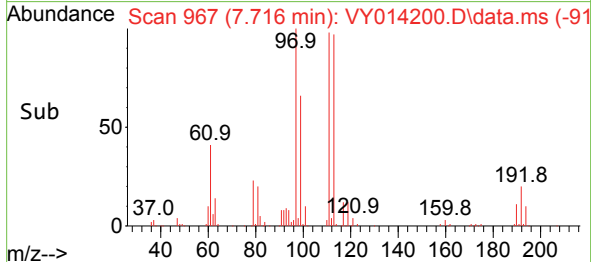
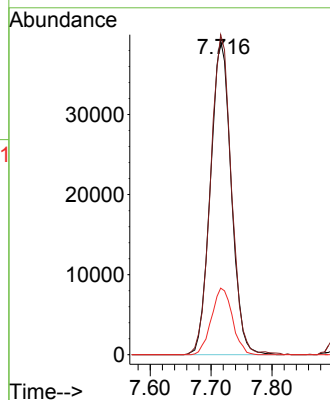
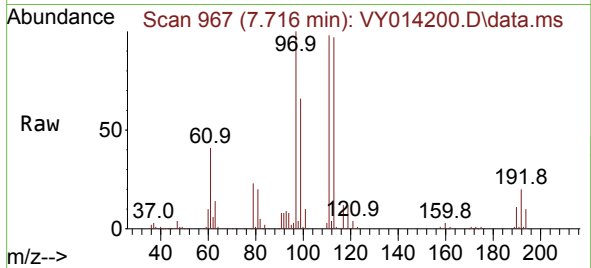




#35
Dibromofluoromethane
Concen: 52.353 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

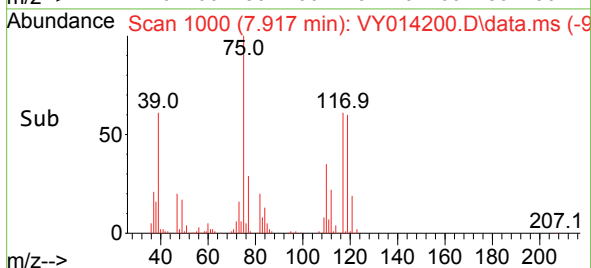
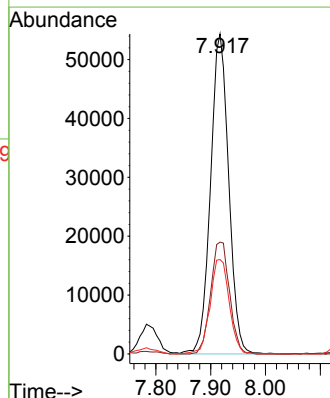
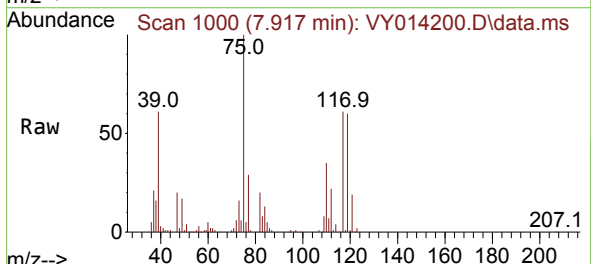
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

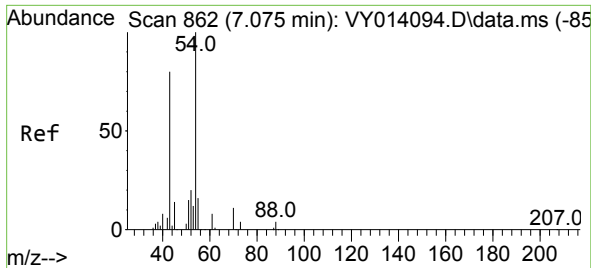
Tgt Ion:113 Resp: 92972
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.135 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 75 Resp: 124960
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.1 24.4 36.6

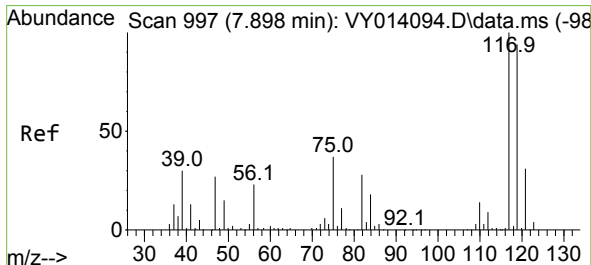
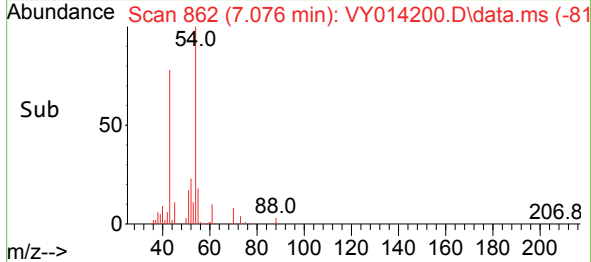
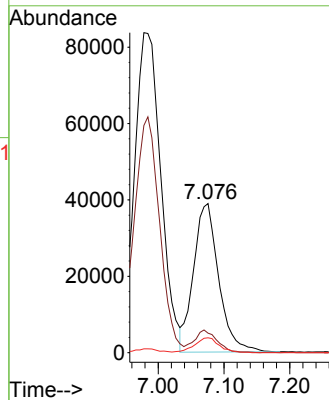
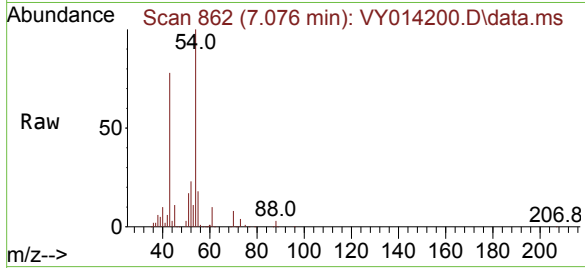




#37
Ethyl Acetate
Concen: 54.138 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

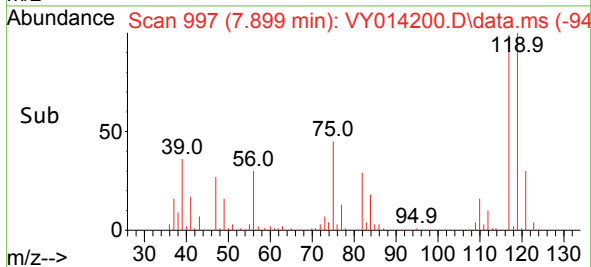
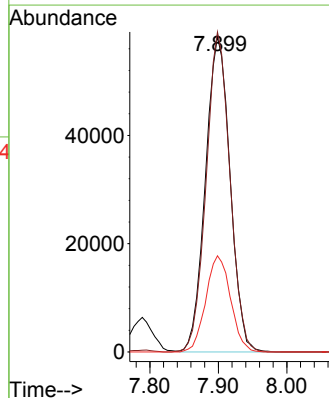
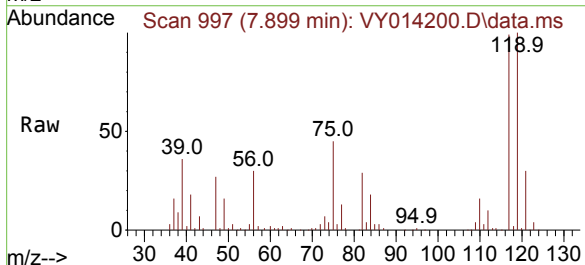
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

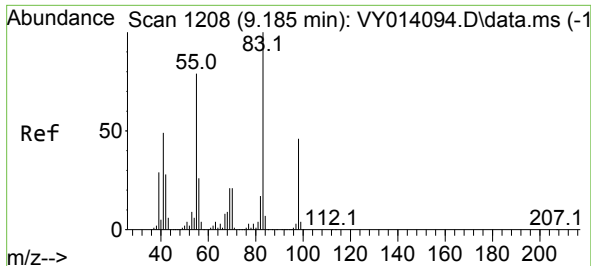
Tgt Ion: 43 Resp: 103419
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.534 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 117 Resp: 145476
Ion Ratio Lower Upper
117 100
119 101.5 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 44.220 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

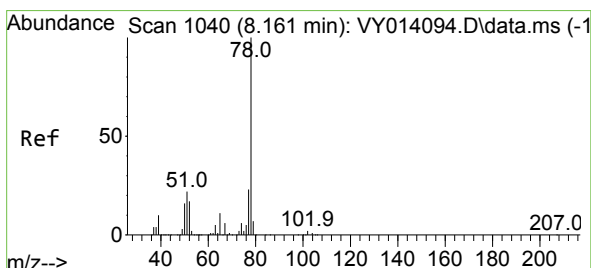
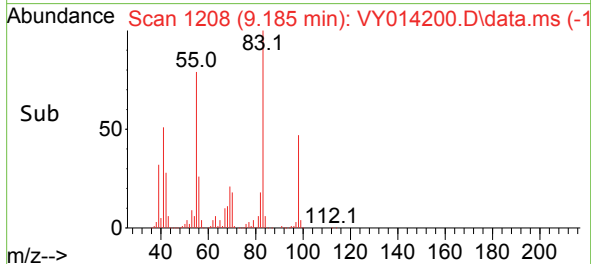
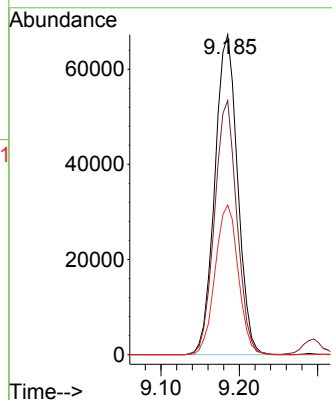
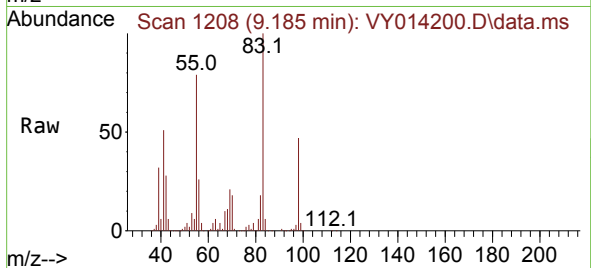
Tgt Ion: 83 Resp: 135834

Ion Ratio Lower Upper

83 100

55 79.4 63.0 94.4

98 46.8 37.4 56.2



#40

Benzene

Concen: 49.387 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014200.D

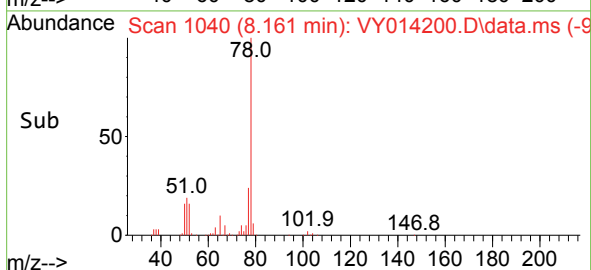
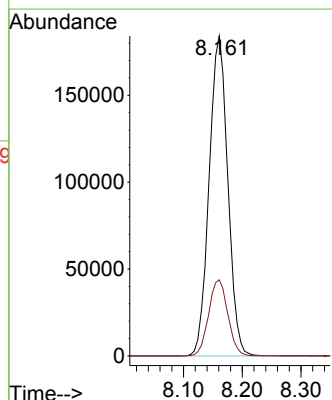
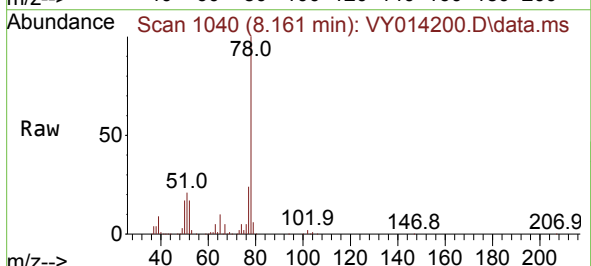
Acq: 15 Jun 2023 19:23

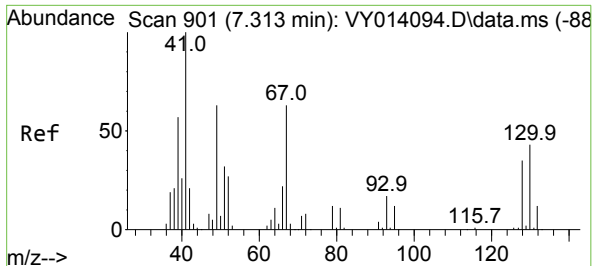
Tgt Ion: 78 Resp: 406583

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

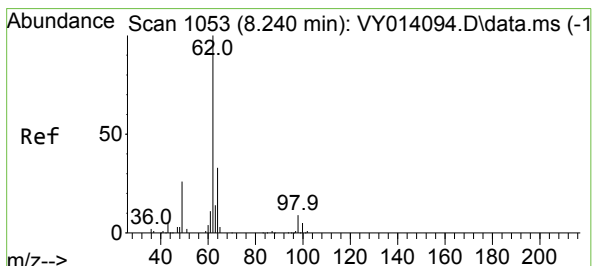
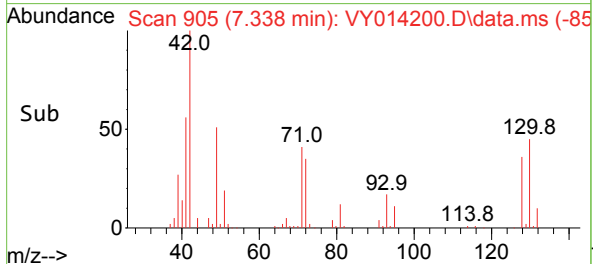
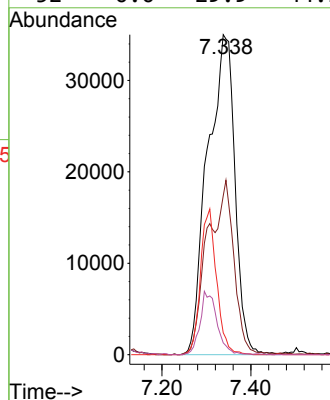
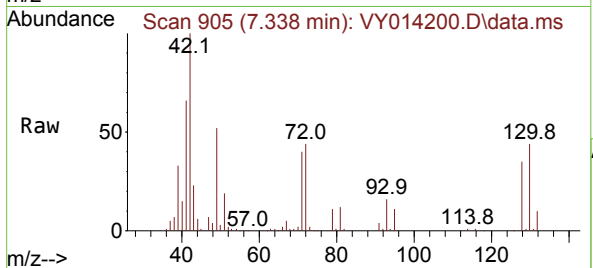




#41
Methacrylonitrile
Concen: 152.584 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

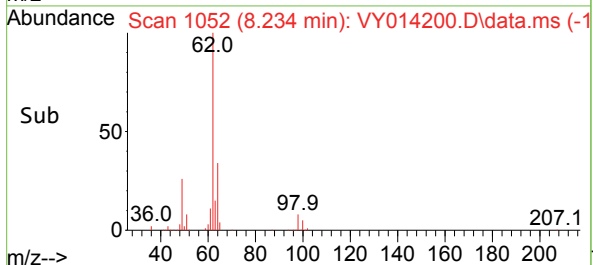
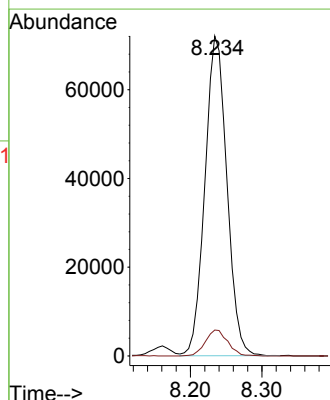
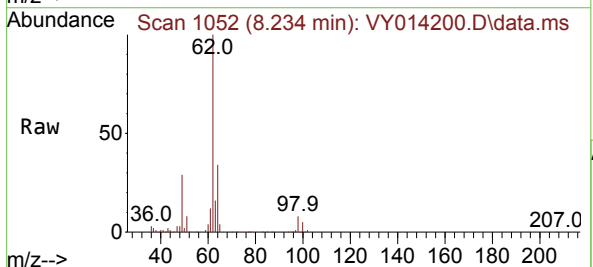
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

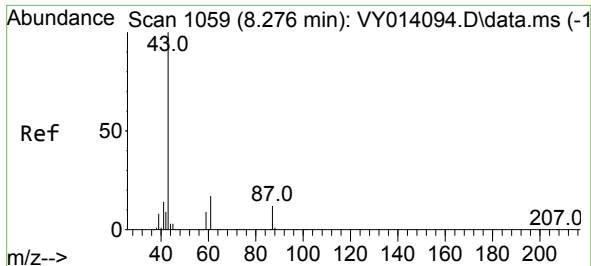
Tgt Ion: 41 Resp: 148757
Ion Ratio Lower Upper
41 100
39 27.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.812 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 62 Resp: 153750
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8

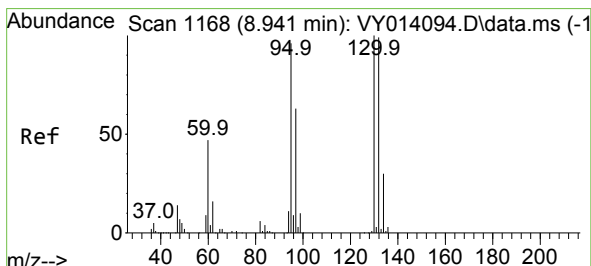
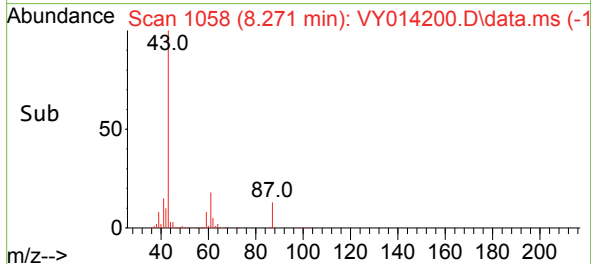
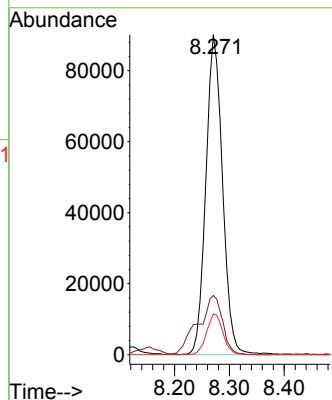
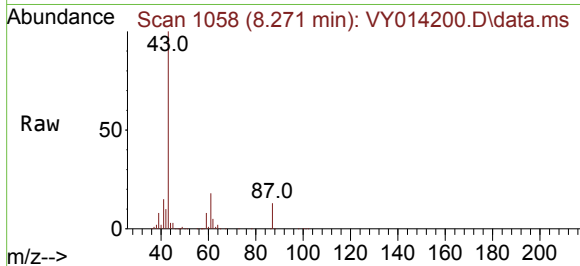




#43
Isopropyl Acetate
Concen: 56.752 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

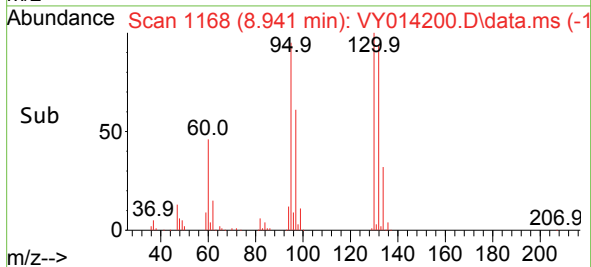
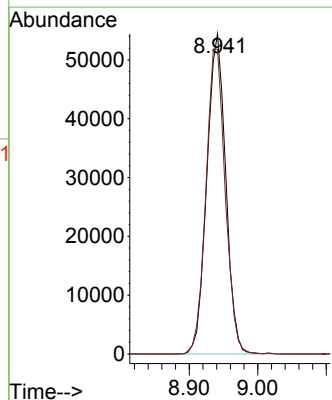
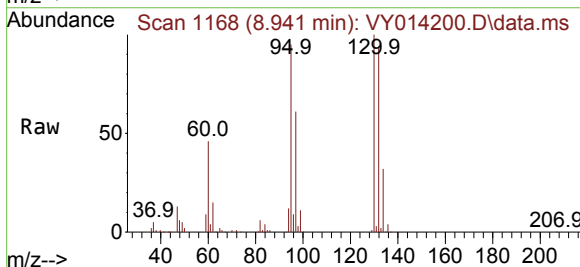
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

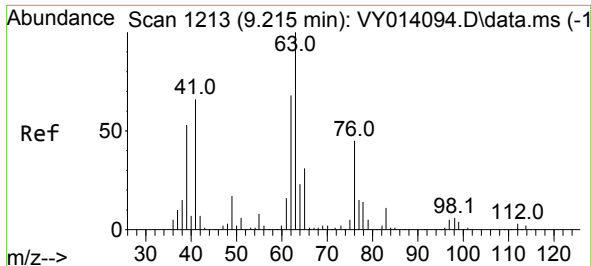
Tgt Ion: 43 Resp: 190014
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 47.367 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion:130 Resp: 104187
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0

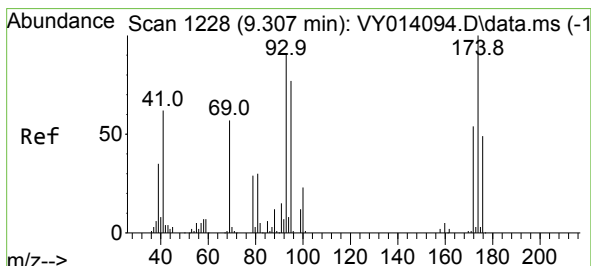
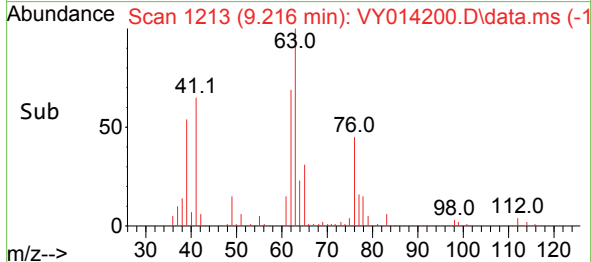
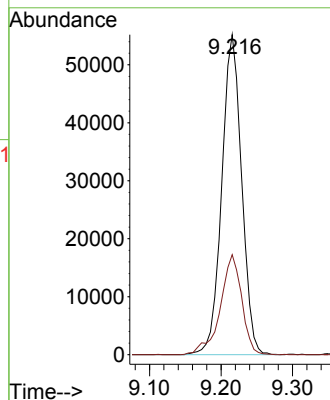
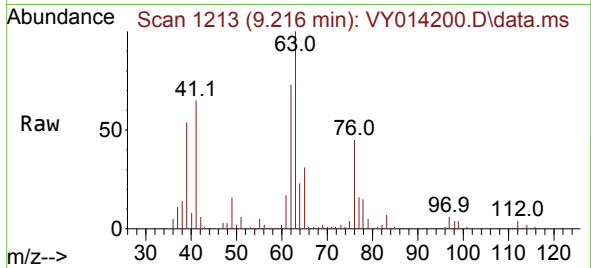




#45
1,2-Dichloropropane
Concen: 50.937 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

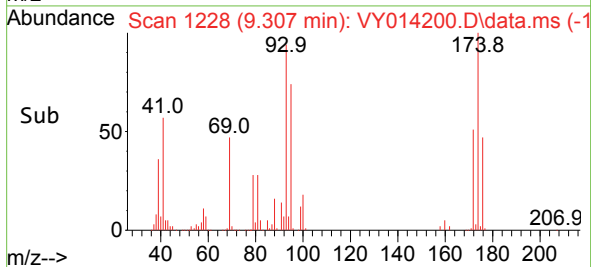
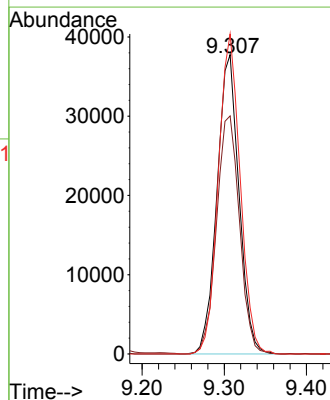
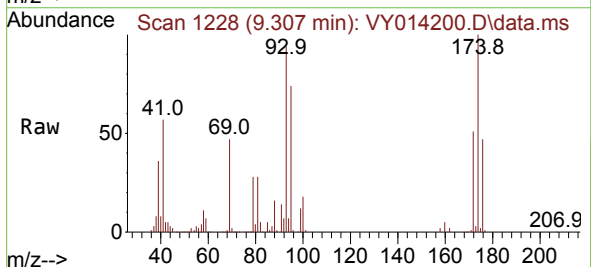
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

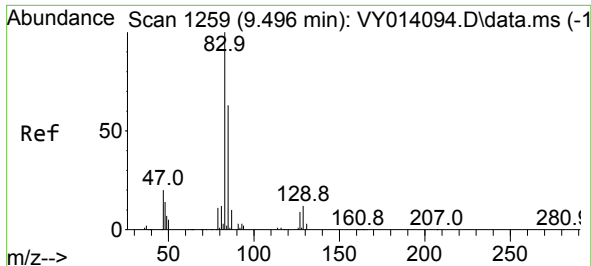
Tgt Ion: 63 Resp: 106514
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 54.566 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 93 Resp: 70237
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 106.4 84.8 127.2

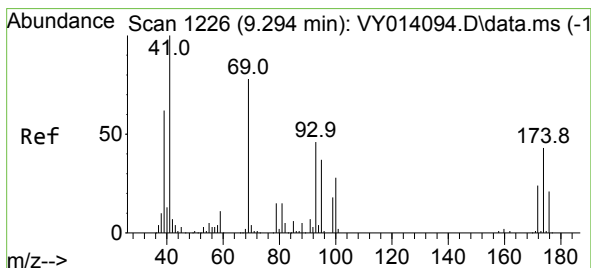
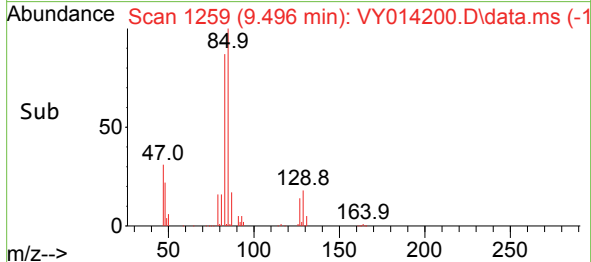
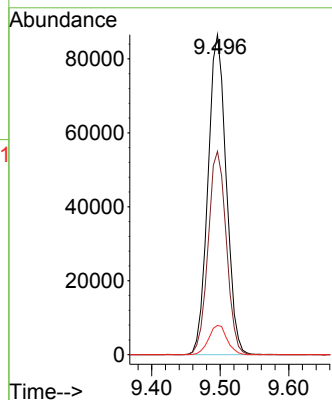
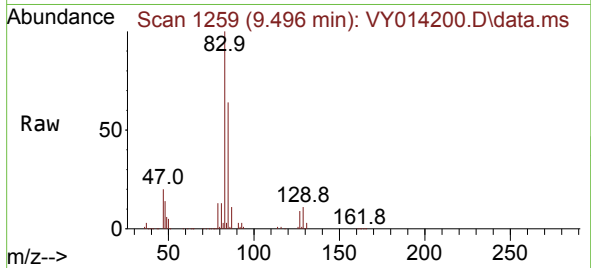




#47
Bromodichloromethane
Concen: 53.124 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

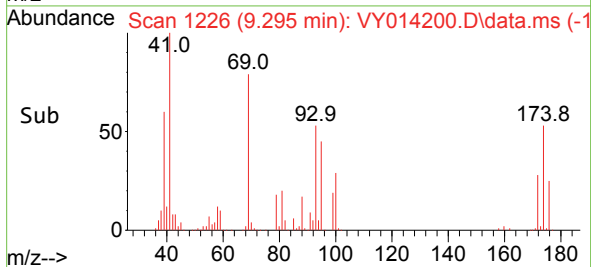
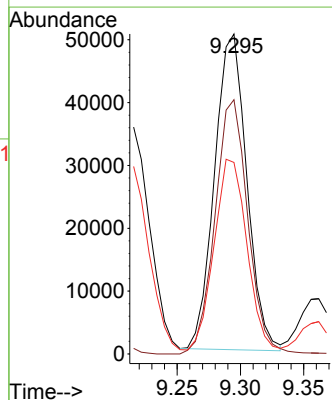
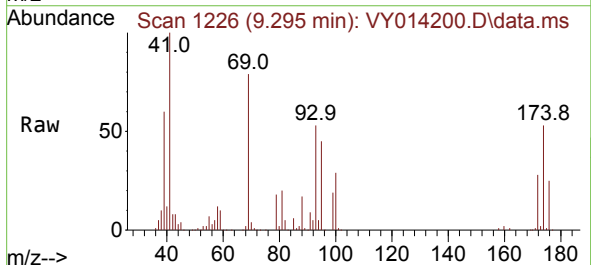
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

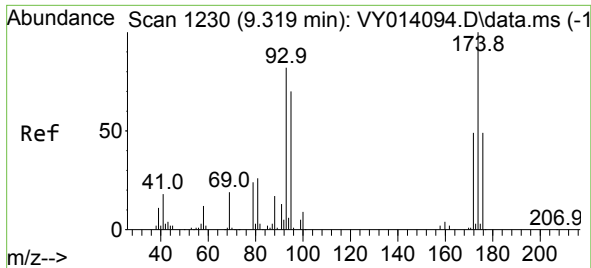
Tgt Ion: 83 Resp: 160108
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 57.026 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 41 Resp: 89052
Ion Ratio Lower Upper
41 100
69 82.0 64.5 96.7
39 63.9 50.8 76.2

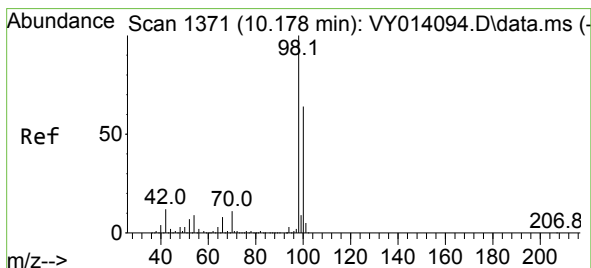
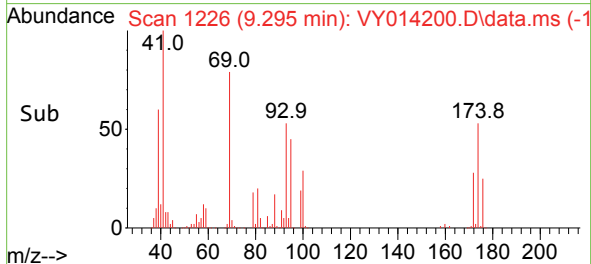
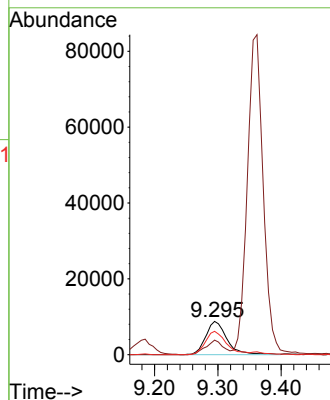
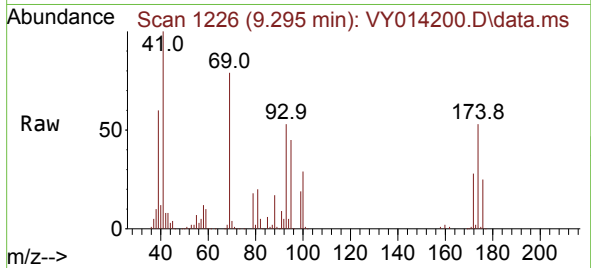




#49
1,4-Dioxane
Concen: 1259.502 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

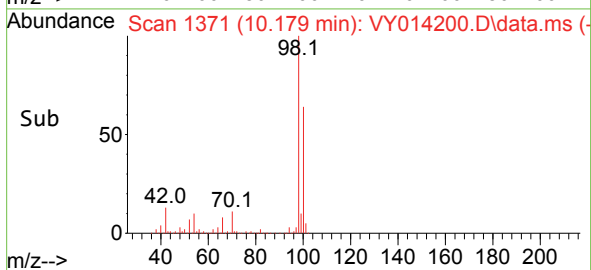
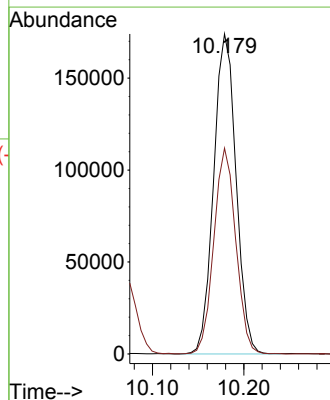
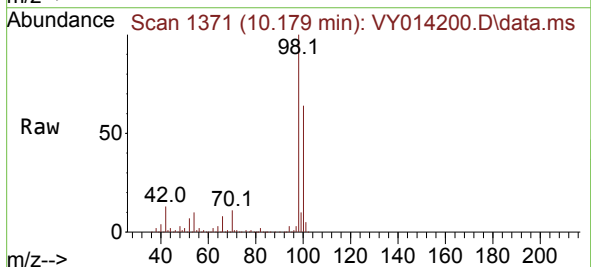
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

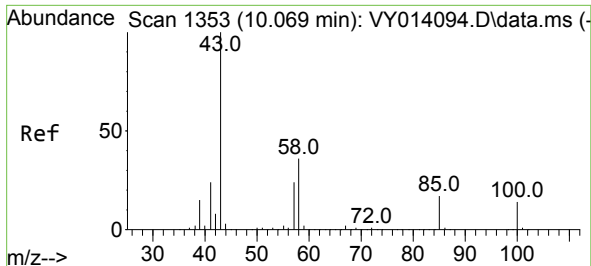
Tgt Ion: 88 Resp: 20600
Ion Ratio Lower Upper
88 100
43 35.9 0.0 0.0#
58 69.2 30.9 46.3#



#50
Toluene-d8
Concen: 44.628 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 98 Resp: 296292
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

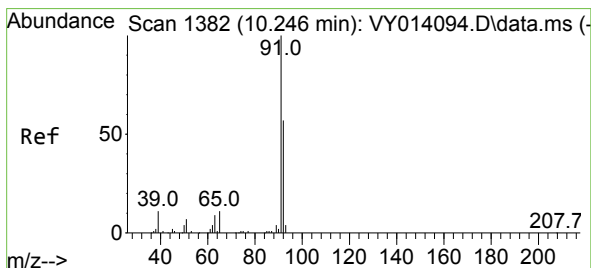
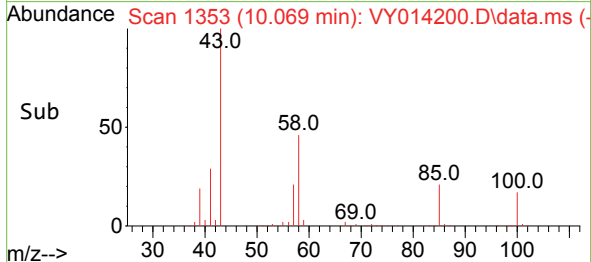
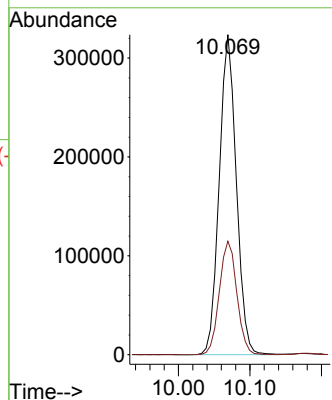
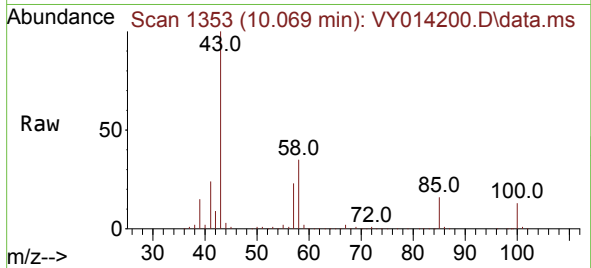




#51
4-Methyl-2-Pentanone
Concen: 294.943 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

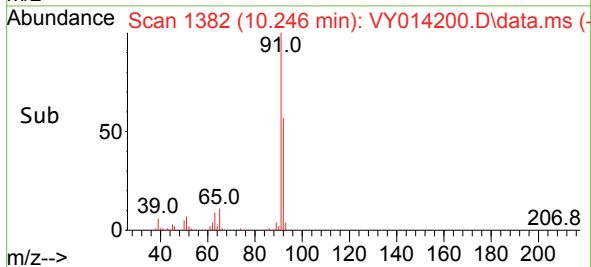
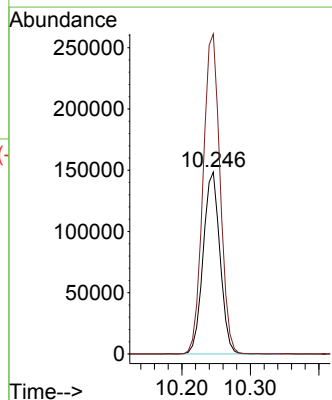
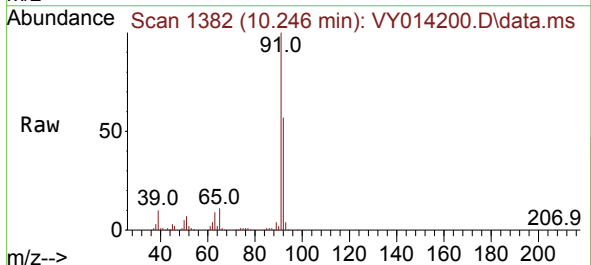
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

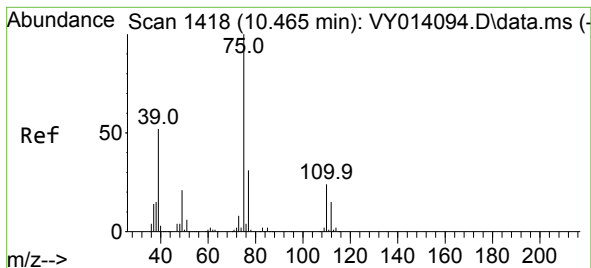
Tgt Ion: 43 Resp: 536500
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 49.651 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 92 Resp: 253389
Ion Ratio Lower Upper
92 100
91 178.0 143.8 215.6

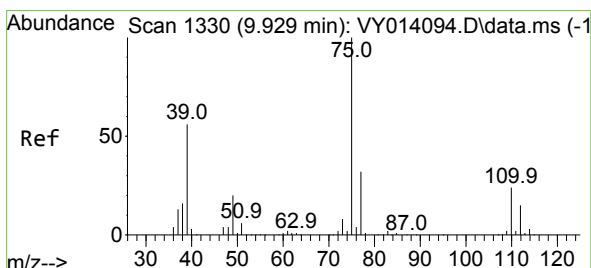
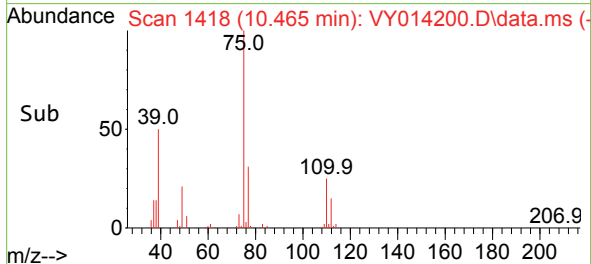
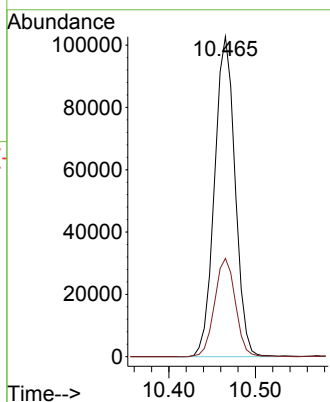
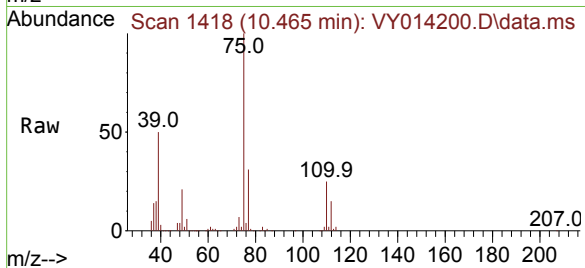




#53
t-1,3-Dichloropropene
Concen: 53.241 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

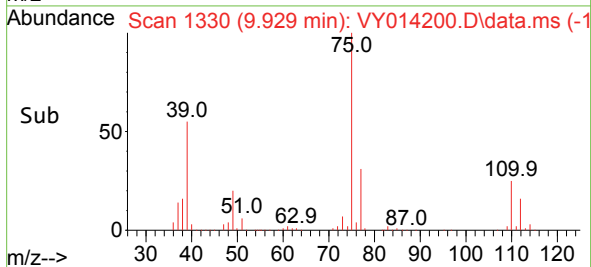
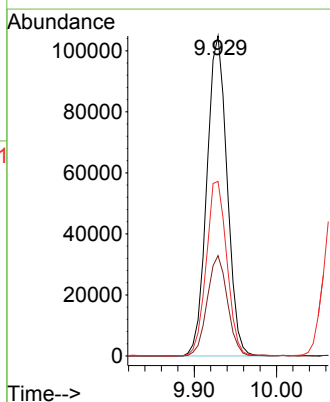
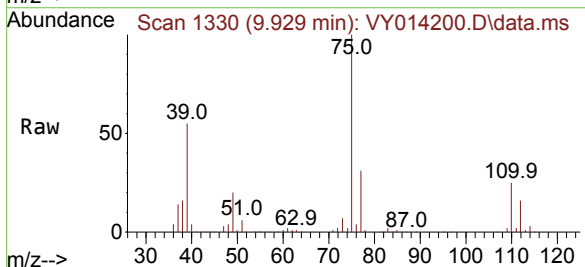
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

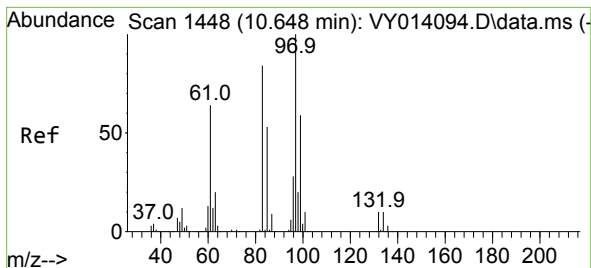
Tgt Ion: 75 Resp: 168919
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.819 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 75 Resp: 179381
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 54.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 55.514 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 94779

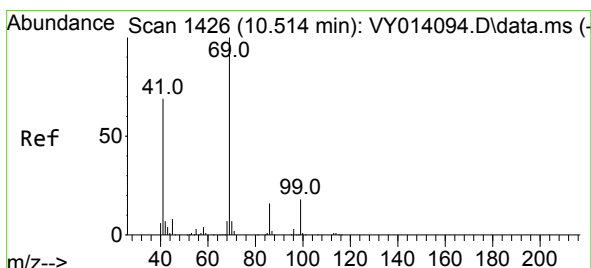
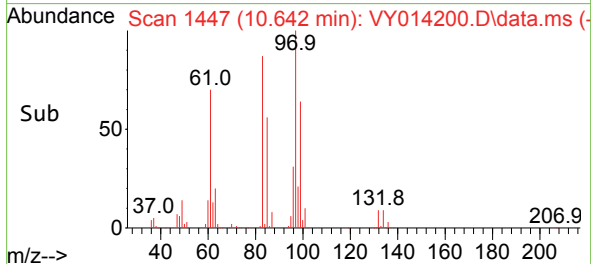
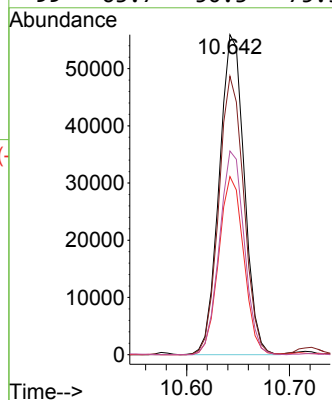
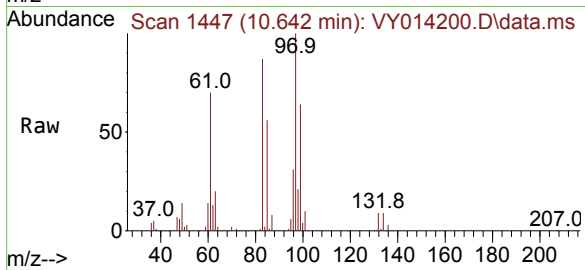
Ion Ratio Lower Upper

97 100

83 87.0 72.0 108.0

85 55.6 45.4 68.0

99 63.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 56.514 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

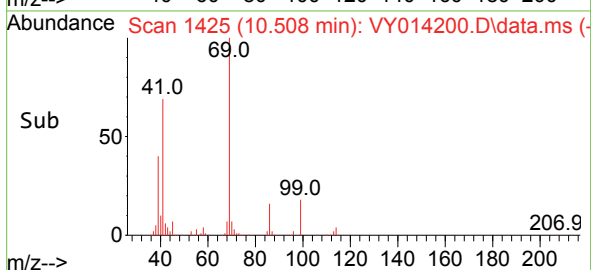
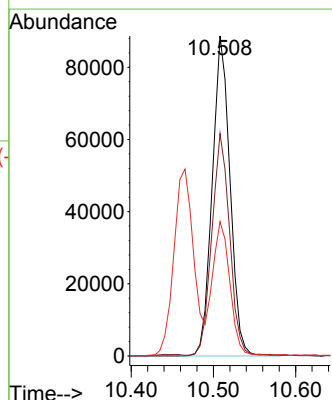
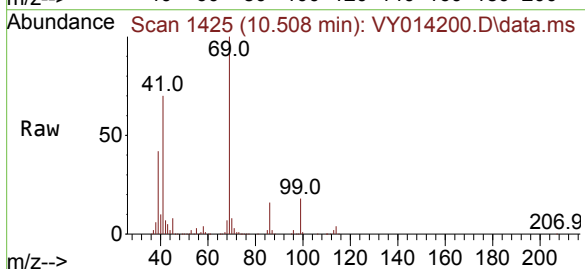
Tgt Ion: 69 Resp: 133084

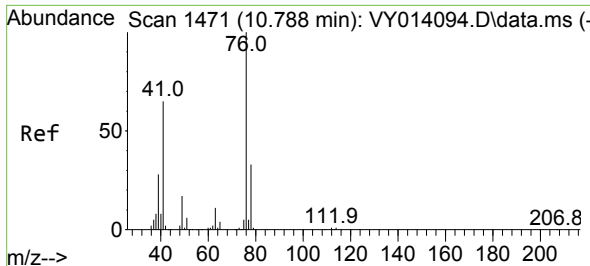
Ion Ratio Lower Upper

69 100

41 69.3 57.6 86.4

39 40.3 34.1 51.1

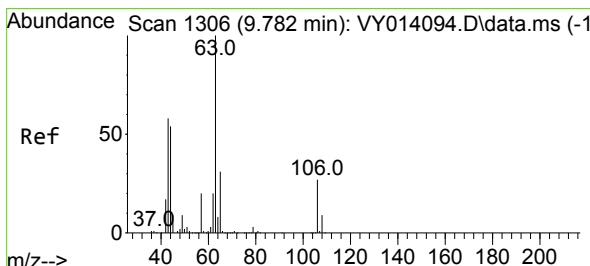
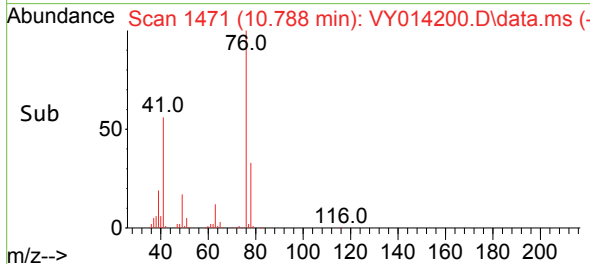
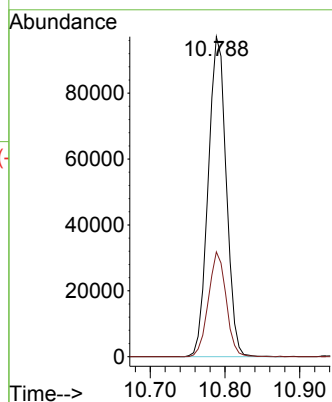
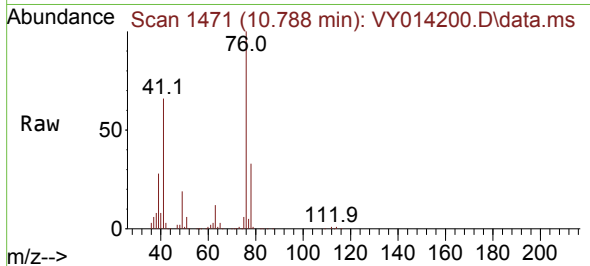




#57
1,3-Dichloropropane
Concen: 55.752 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

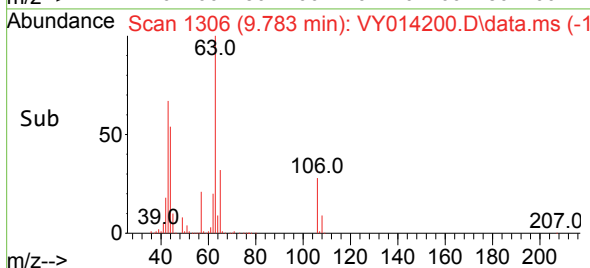
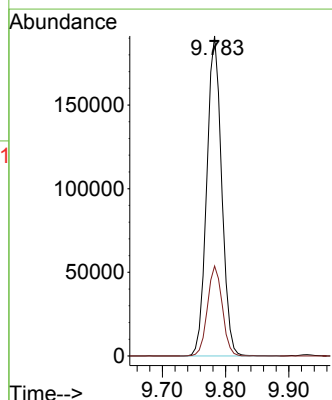
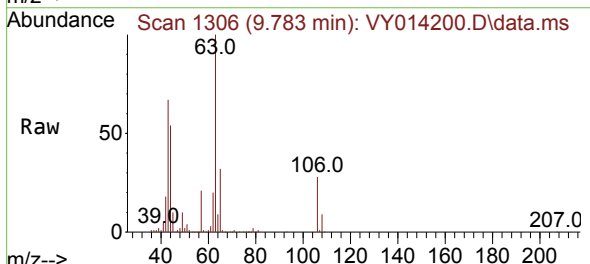
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

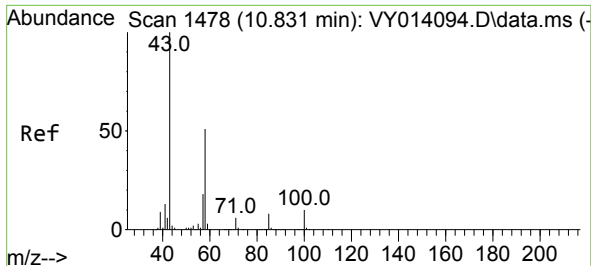
Tgt Ion: 76 Resp: 162795
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 292.510 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 63 Resp: 313581
Ion Ratio Lower Upper
63 100
106 27.9 21.2 31.8

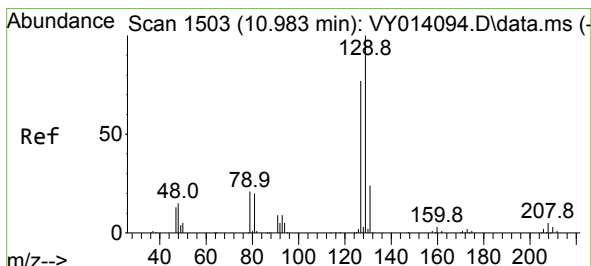
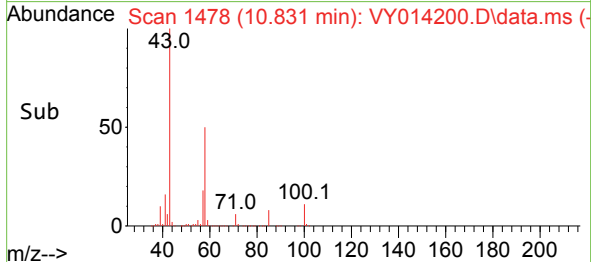
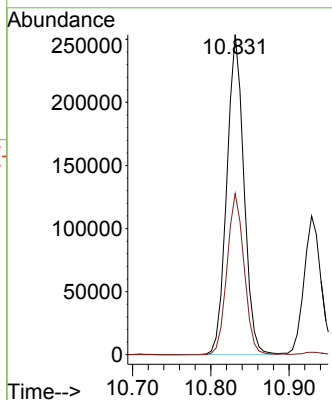
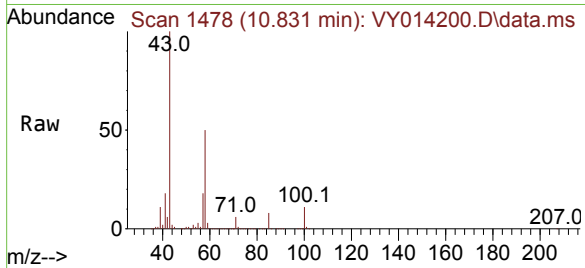




#59
2-Hexanone
Concen: 293.143 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

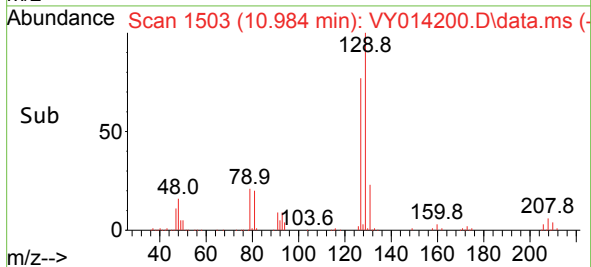
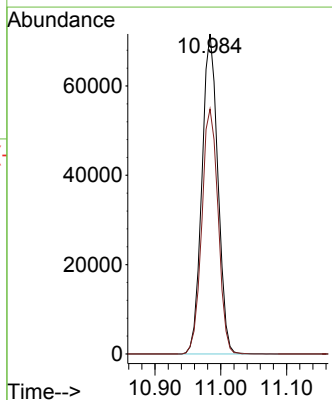
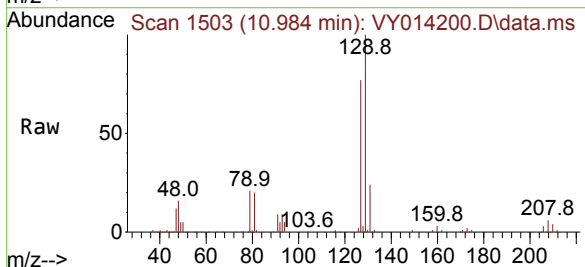
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

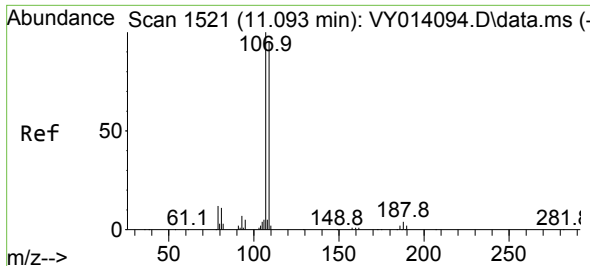
Tgt Ion: 43 Resp: 385126
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3



#60
Dibromochloromethane
Concen: 55.350 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 129 Resp: 120949
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

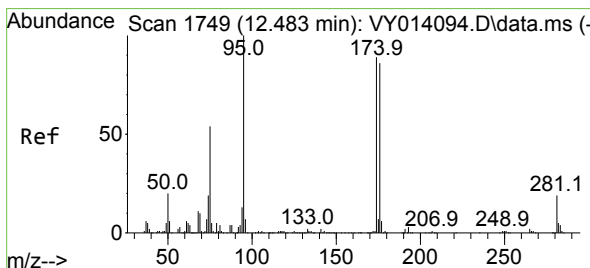
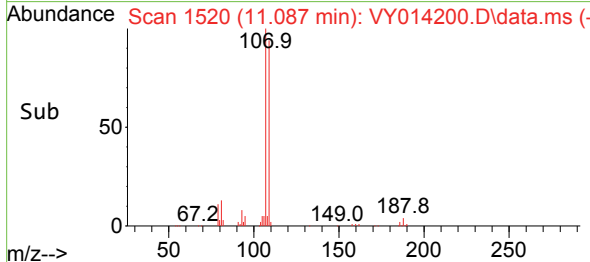
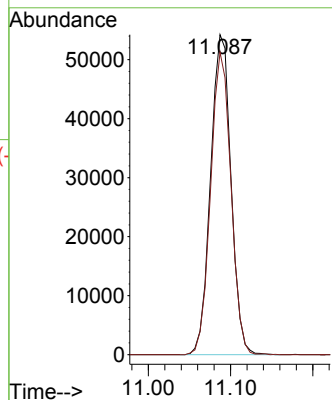
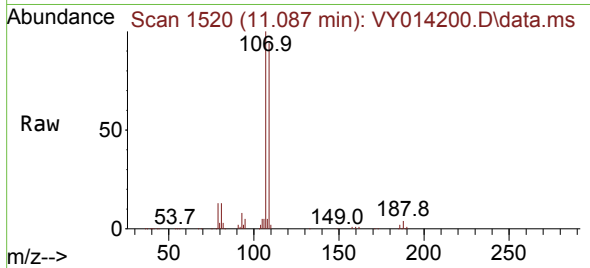




#61
1,2-Dibromoethane
Concen: 55.396 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

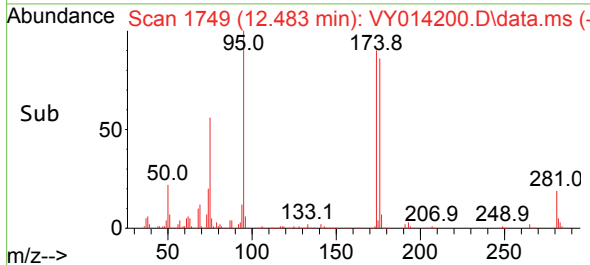
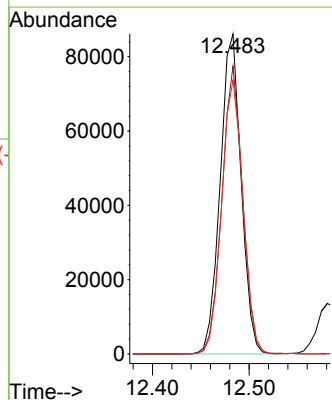
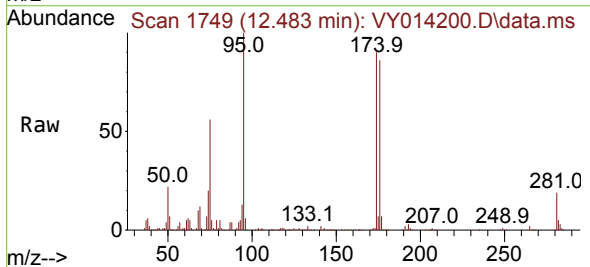
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

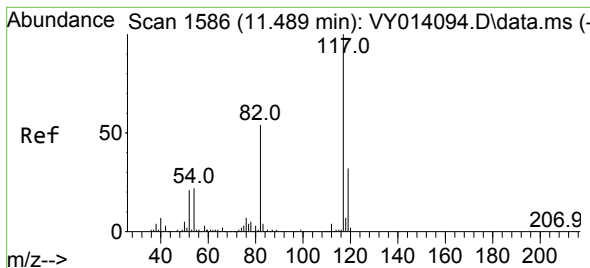
Tgt Ion:107 Resp: 93340
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 95 Resp: 129256
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.2
176 87.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

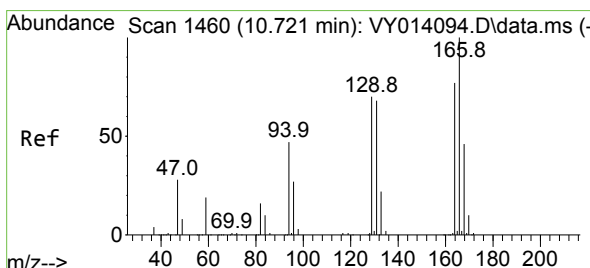
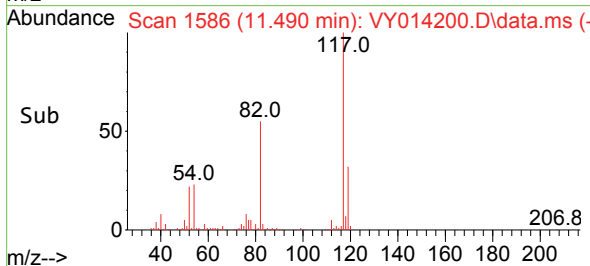
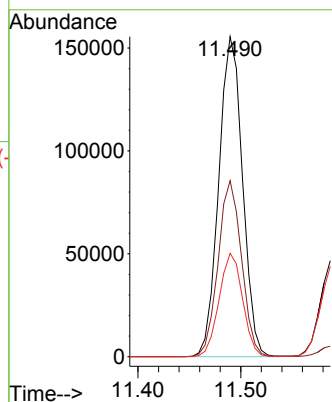
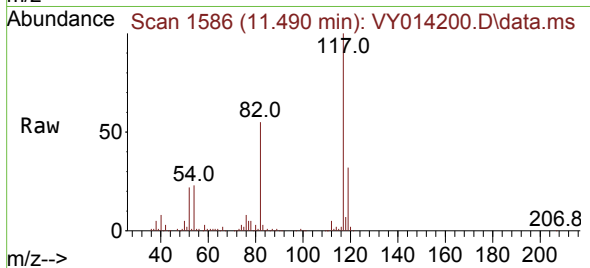
Tgt Ion:117 Resp: 249903

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.3 26.3 39.5



#64

Tetrachloroethene

Concen: 45.206 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Tgt Ion:164 Resp: 96292

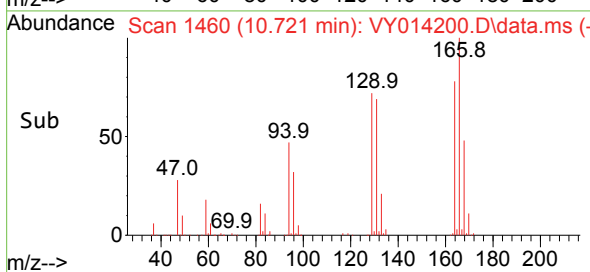
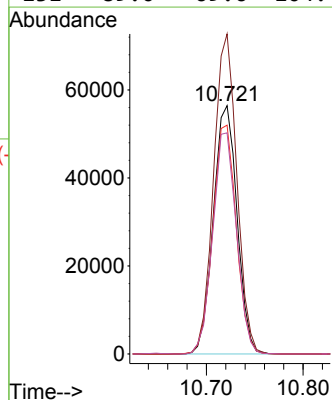
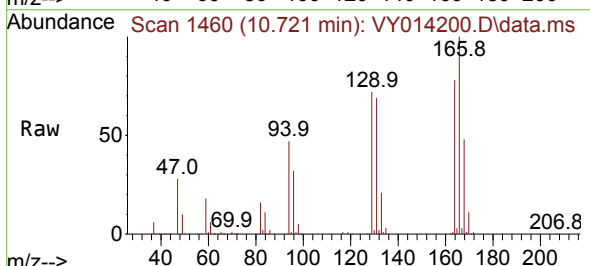
Ion Ratio Lower Upper

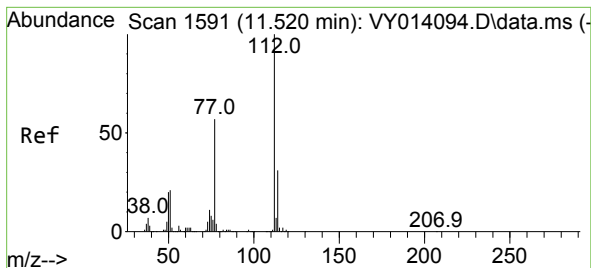
164 100

166 128.9 103.0 154.6

129 92.1 77.2 115.8

131 89.0 69.6 104.4

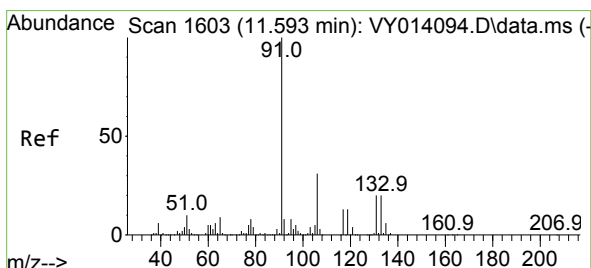
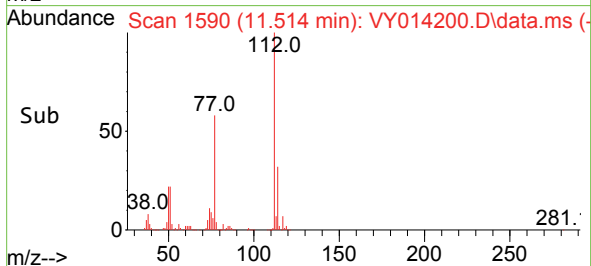
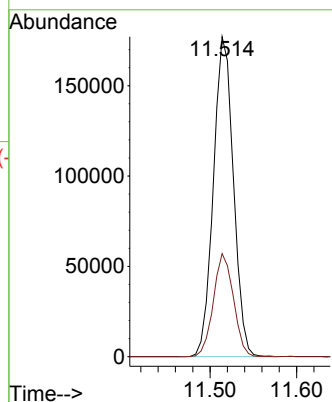
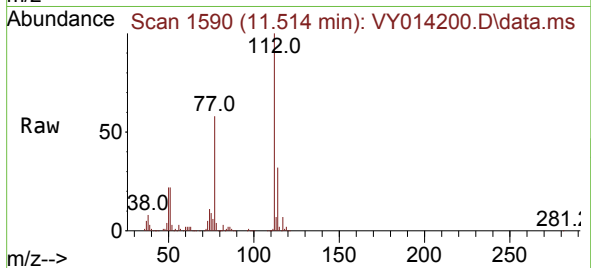




#65
Chlorobenzene
Concen: 47.356 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

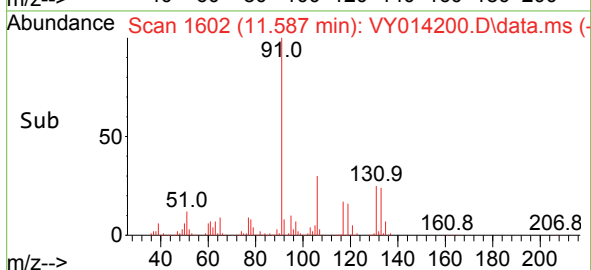
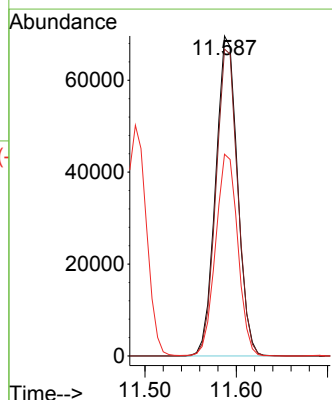
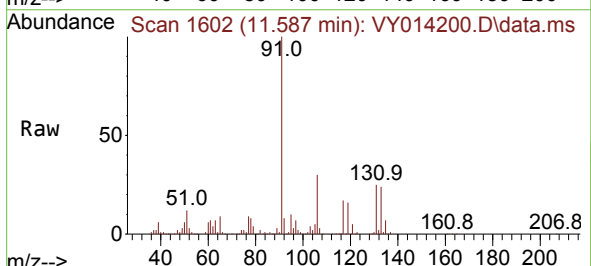
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

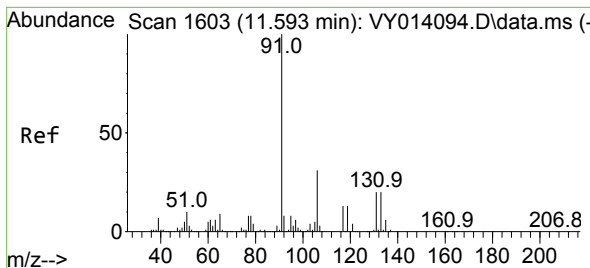
Tgt Ion:112 Resp: 284362
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.983 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion:131 Resp: 115690
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.2 31.6 94.7

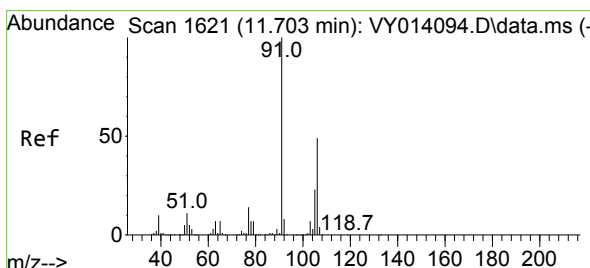
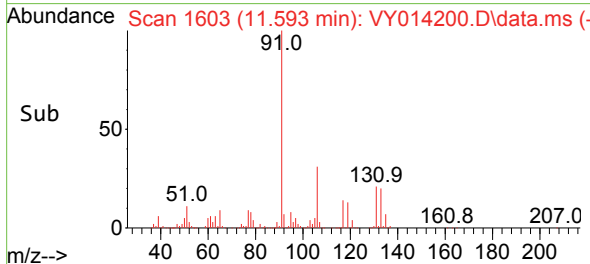
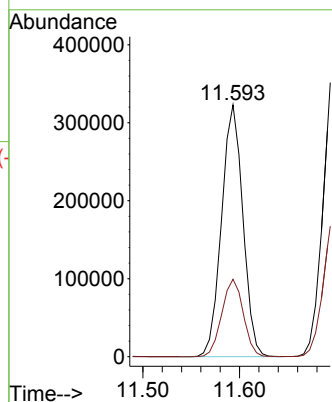
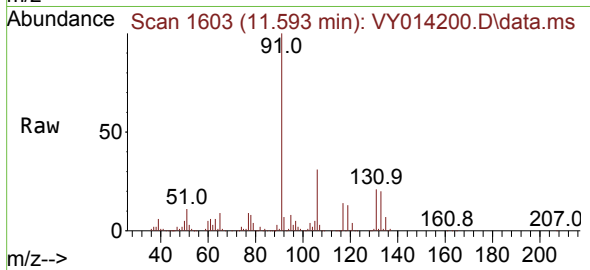




#67
Ethyl Benzene
Concen: 46.942 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

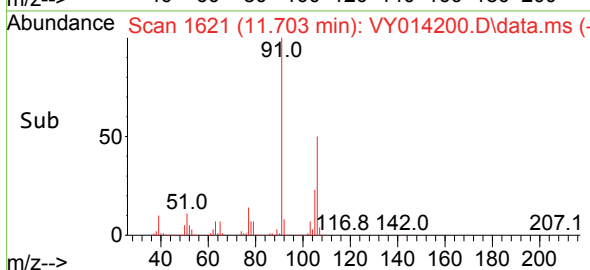
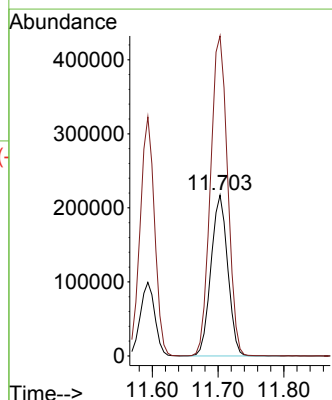
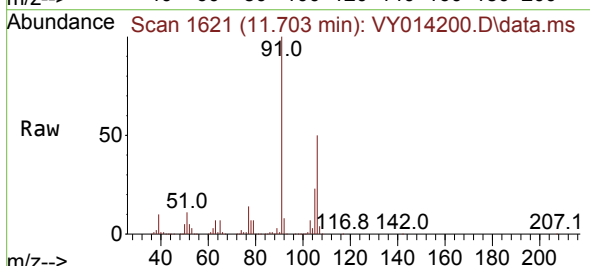
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

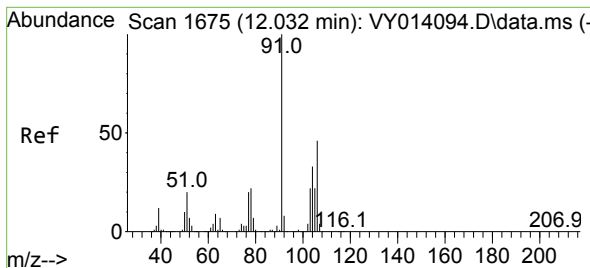
Tgt Ion: 91 Resp: 493398
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 95.125 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 106 Resp: 384575
Ion Ratio Lower Upper
106 100
91 203.4 166.1 249.1

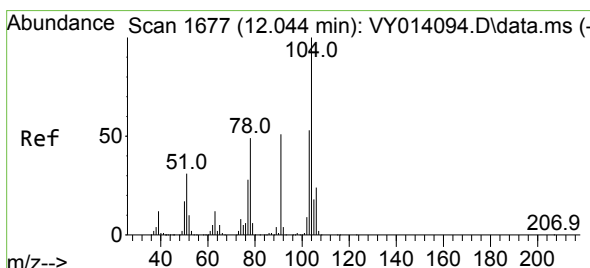
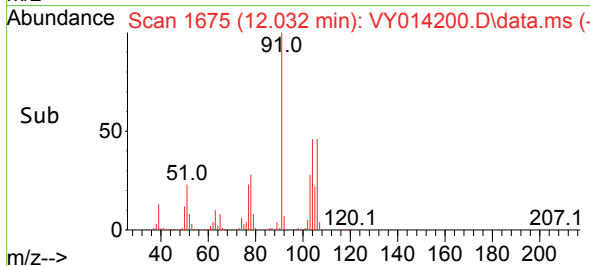
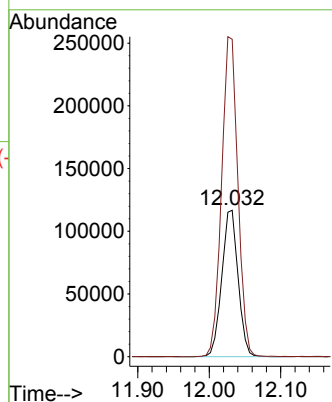
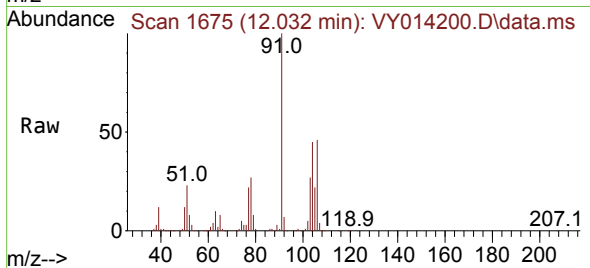




#69
o-Xylene
Concen: 48.262 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

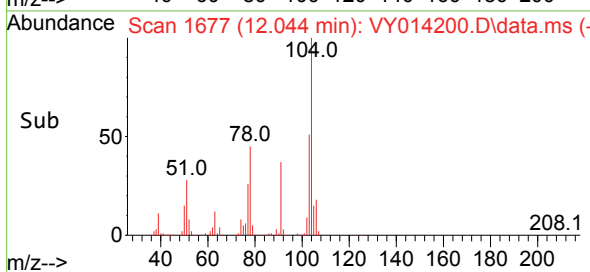
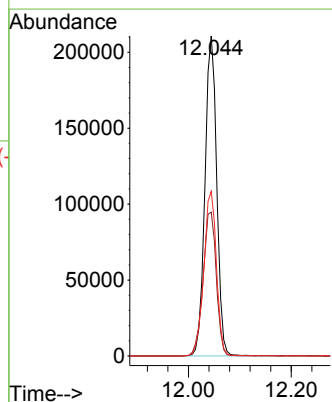
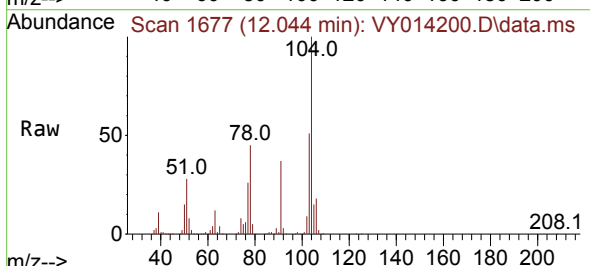
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

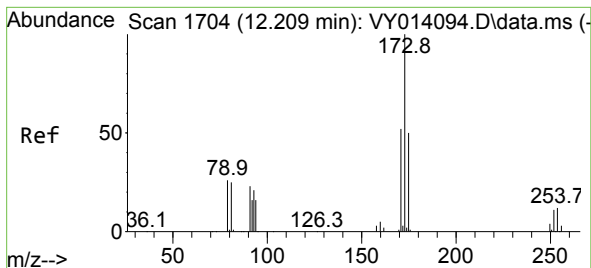
Tgt Ion:106 Resp: 184470
Ion Ratio Lower Upper
106 100
91 218.6 108.1 324.3



#70
Styrene
Concen: 51.290 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion:104 Resp: 334593
Ion Ratio Lower Upper
104 100
78 50.6 41.5 62.3
103 55.3 44.6 67.0





#71

Bromoform

Concen: 54.071 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

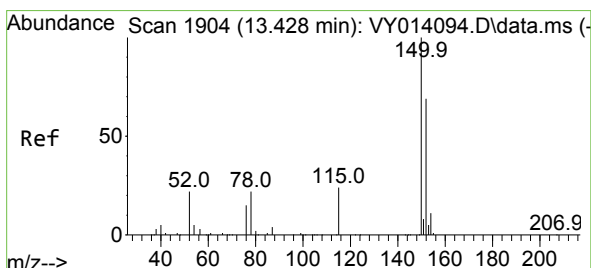
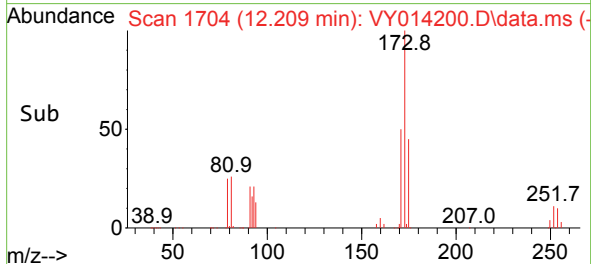
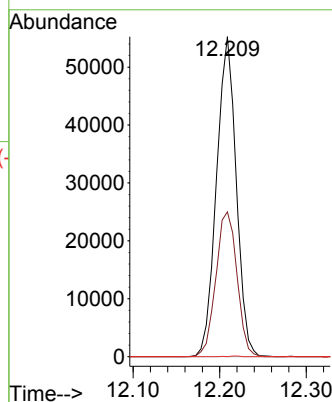
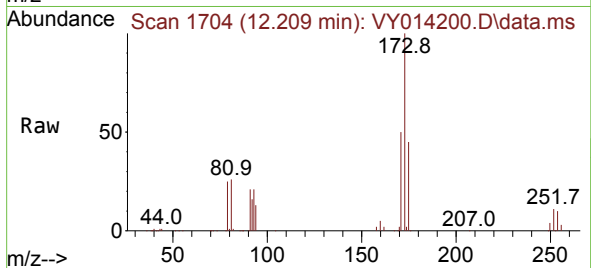
Tgt Ion:173 Resp: 87459

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

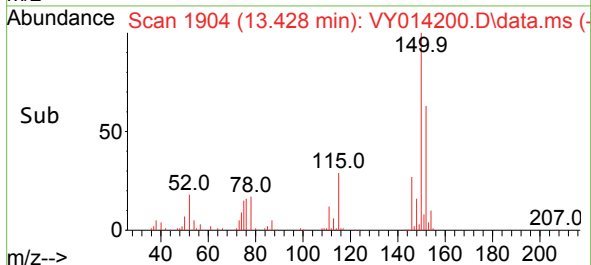
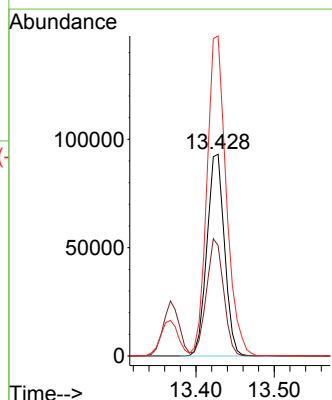
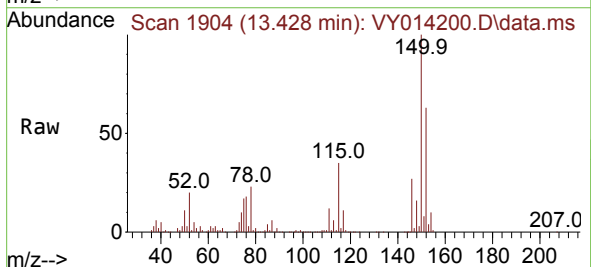
Tgt Ion:152 Resp: 144930

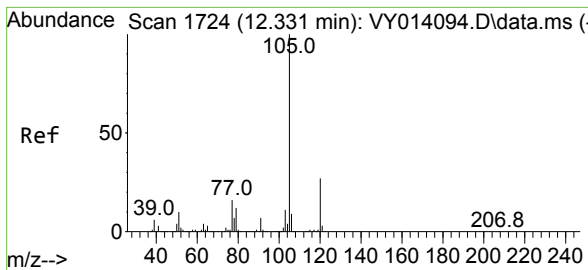
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 174.2 0.0 348.8

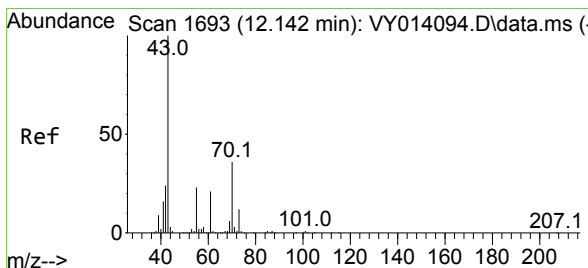
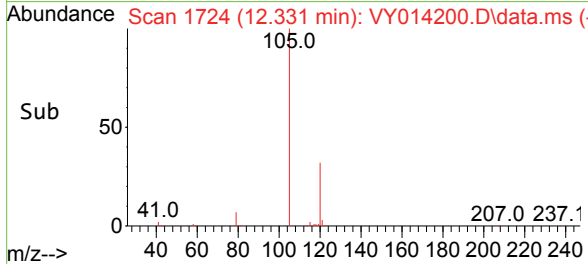
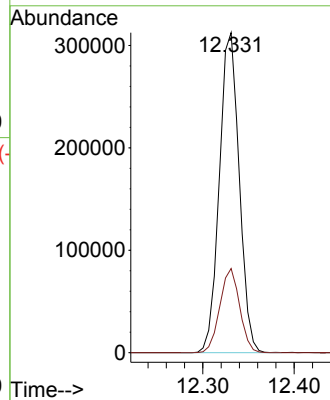
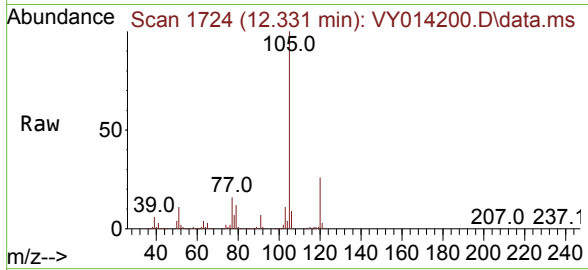




#73
Isopropylbenzene
Concen: 42.655 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

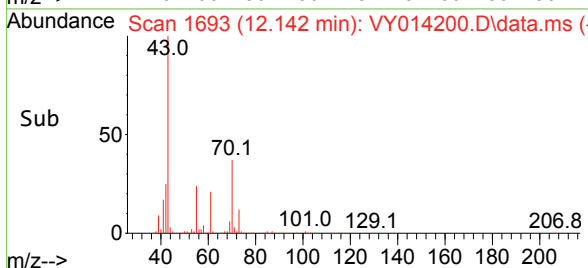
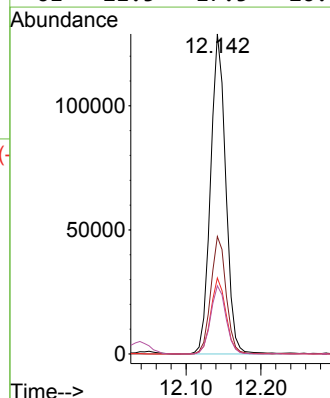
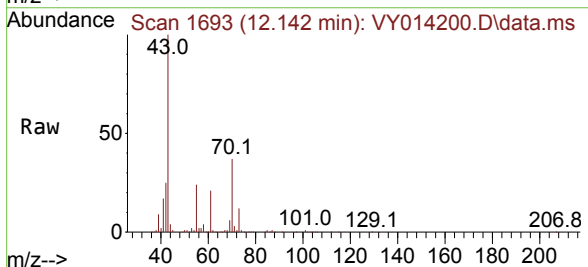
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

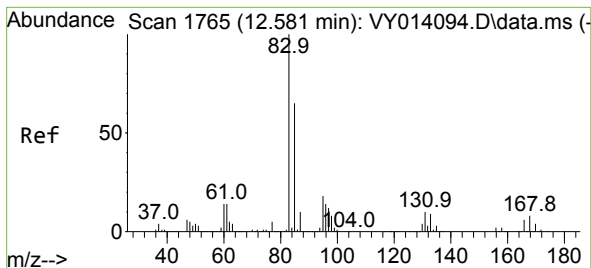
Tgt Ion:105 Resp: 471597
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9



#74
N-ethyl acetate
Concen: 51.970 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 43 Resp: 182085
Ion Ratio Lower Upper
43 100
70 36.8 29.7 44.5
55 23.6 18.3 27.5
61 21.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.072 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

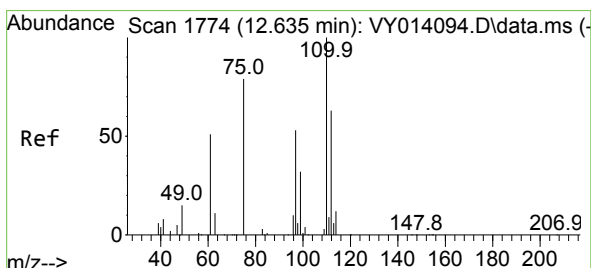
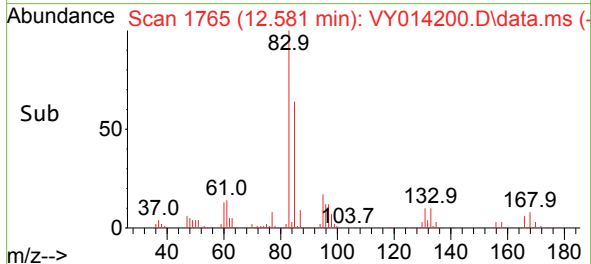
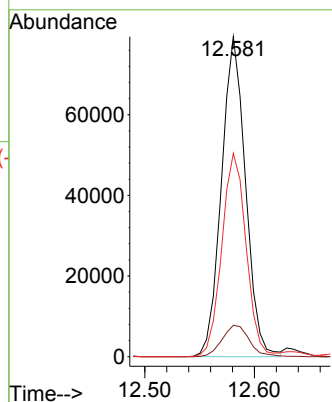
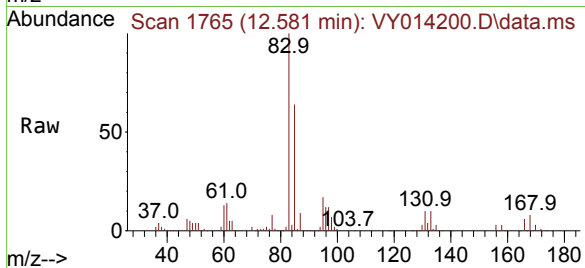
Tgt Ion: 83 Resp: 121232

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 85.270 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014200.D

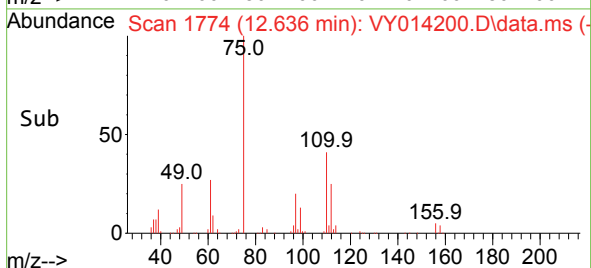
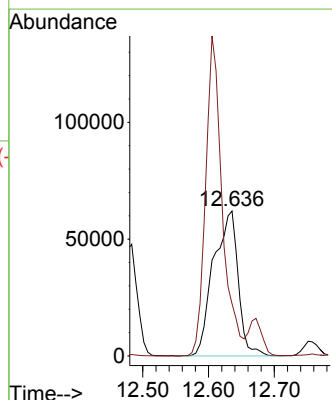
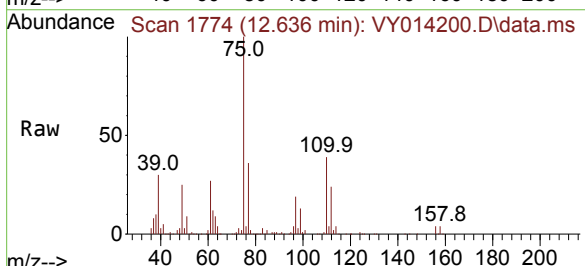
Acq: 15 Jun 2023 19:23

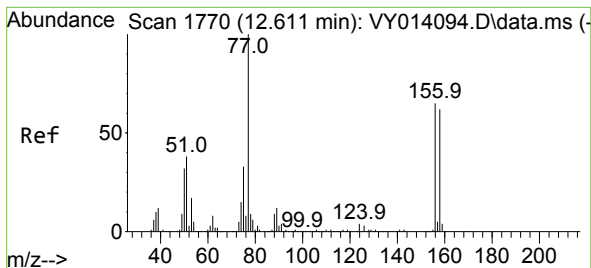
Tgt Ion: 75 Resp: 162136

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.832 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

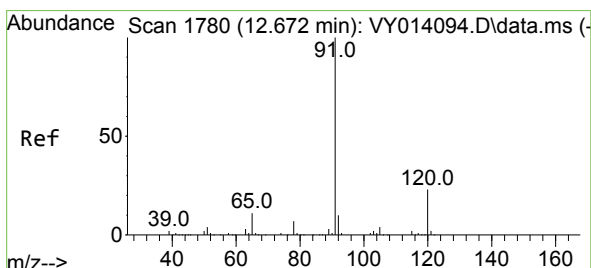
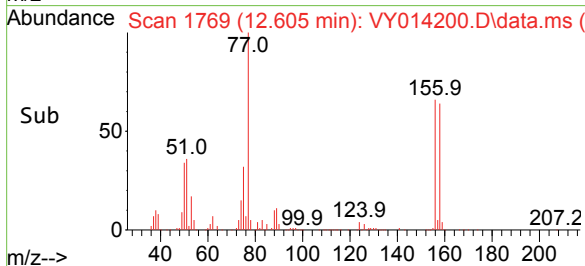
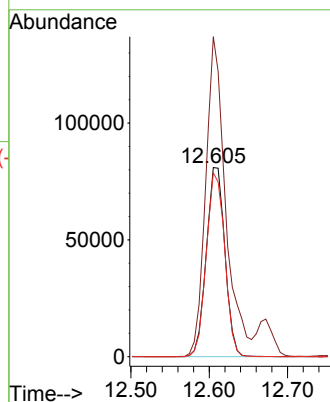
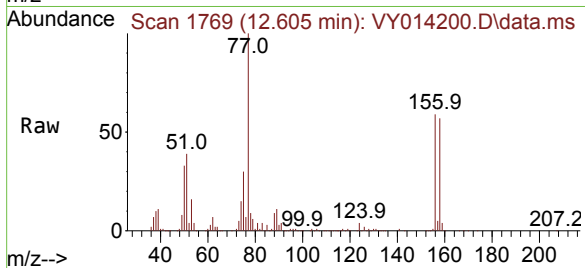
Tgt Ion:156 Resp: 133183

Ion Ratio Lower Upper

156 100

77 181.5 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 43.075 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014200.D

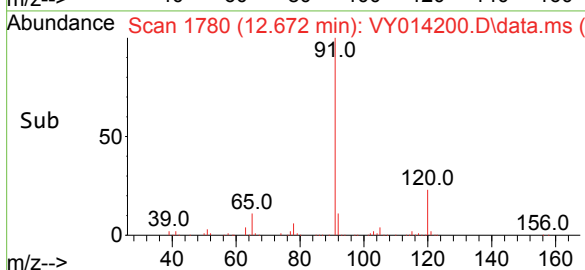
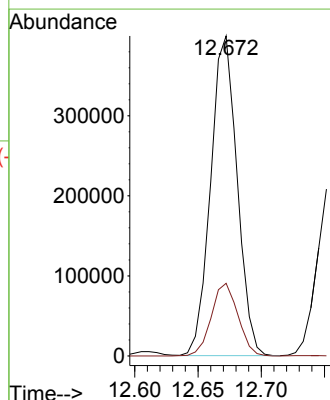
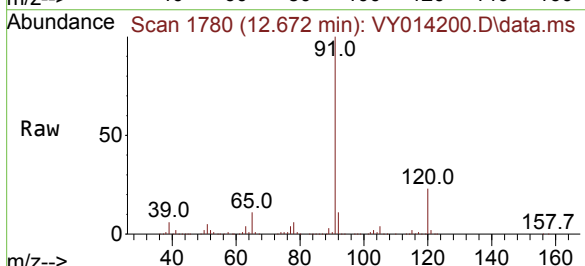
Acq: 15 Jun 2023 19:23

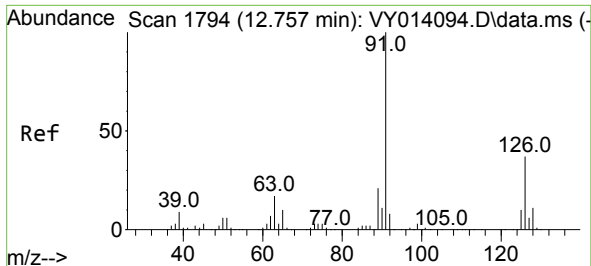
Tgt Ion: 91 Resp: 581689

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

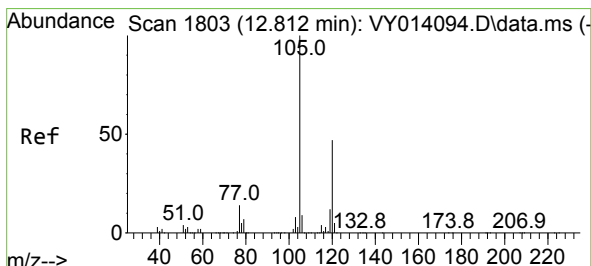
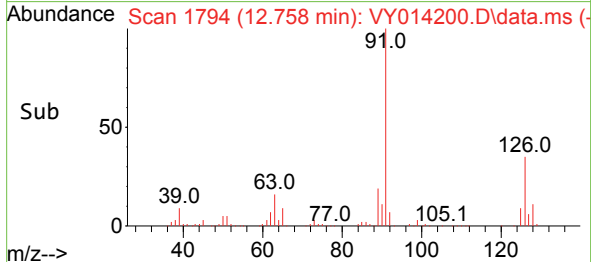
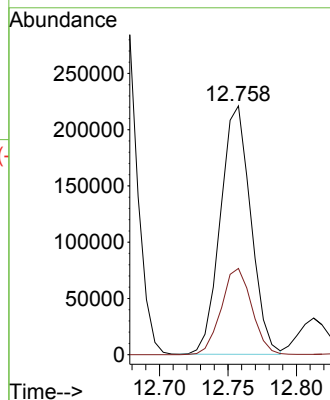
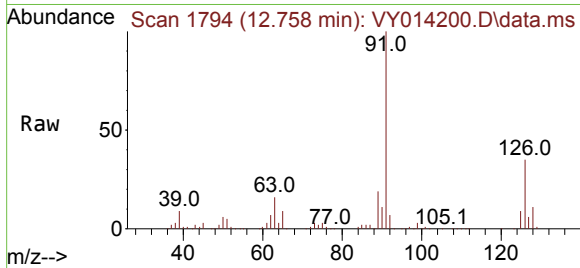




#79
2-Chlorotoluene
Concen: 43.882 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

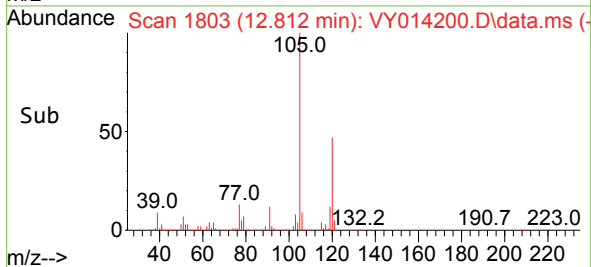
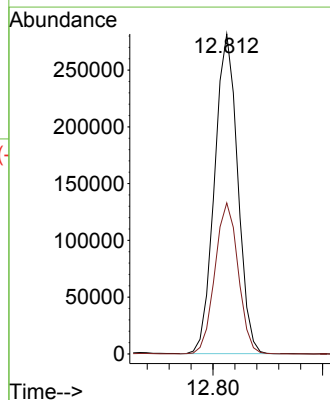
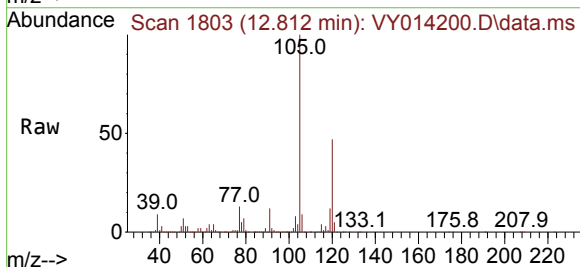
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

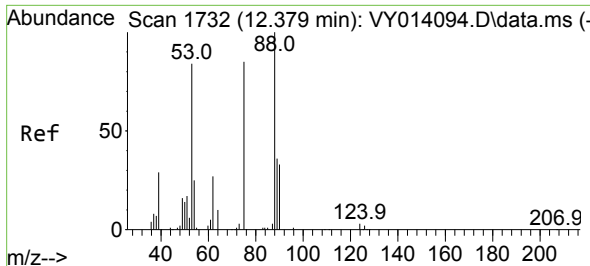
Tgt Ion: 91 Resp: 340976
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 43.538 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 105 Resp: 412168
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7

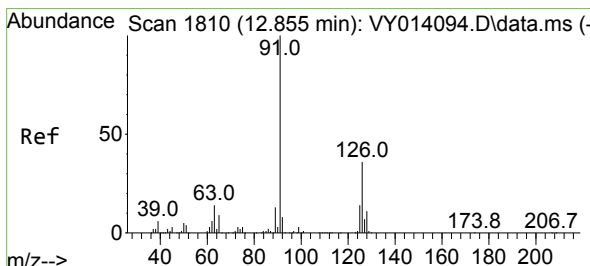
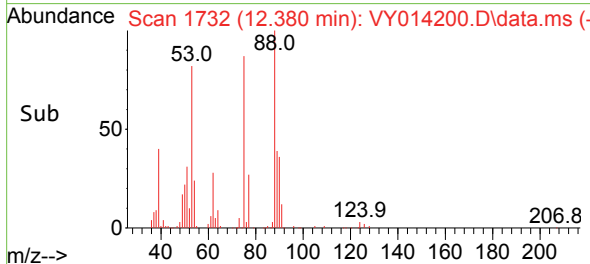
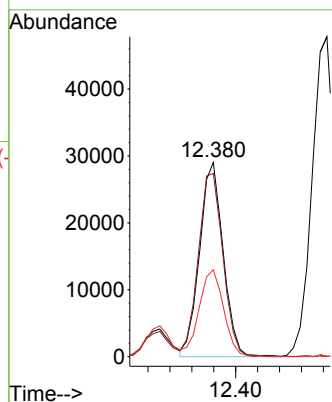
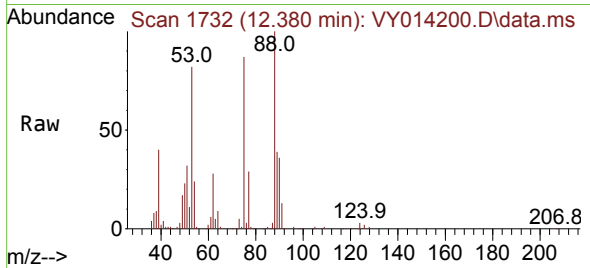




#81
trans-1,4-Dichloro-2-butene
Concen: 49.304 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

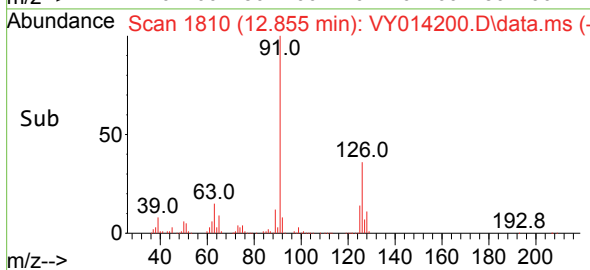
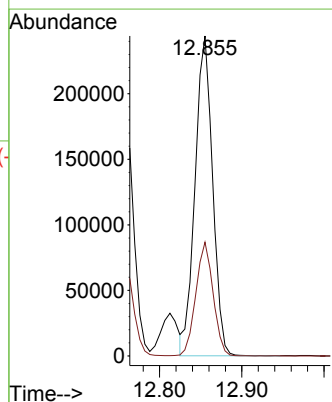
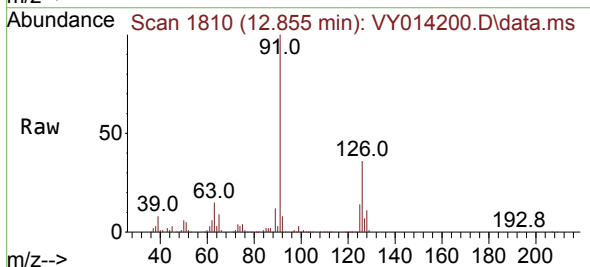
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

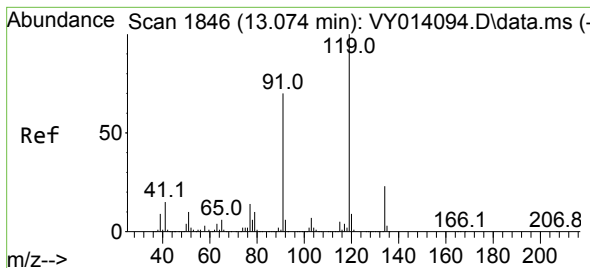
Tgt Ion: 75 Resp: 43370
Ion Ratio Lower Upper
75 100
53 98.9 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 43.862 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion: 91 Resp: 361171
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 42.068 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

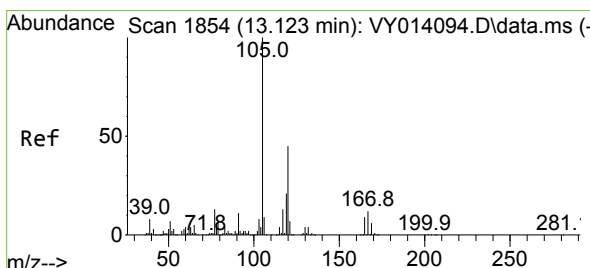
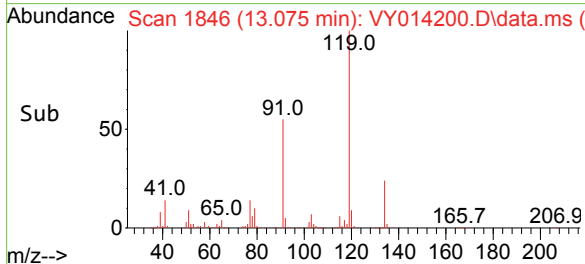
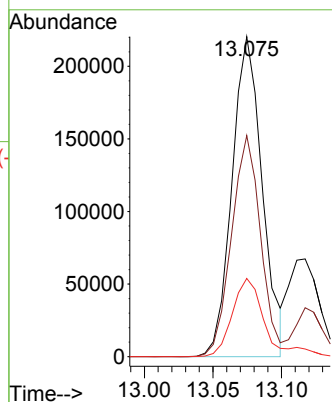
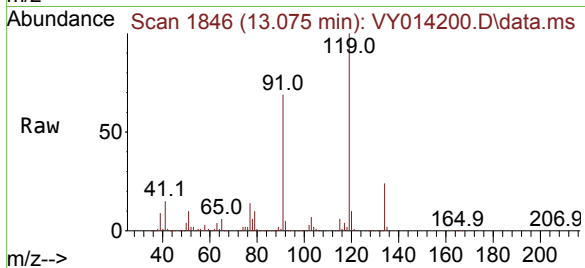
Tgt Ion:119 Resp: 338428

Ion Ratio Lower Upper

119 100

91 66.3 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 45.067 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014200.D

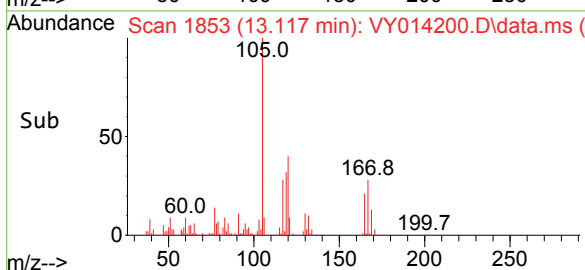
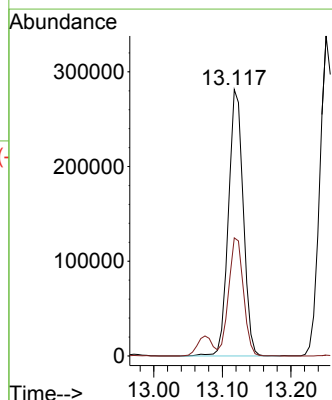
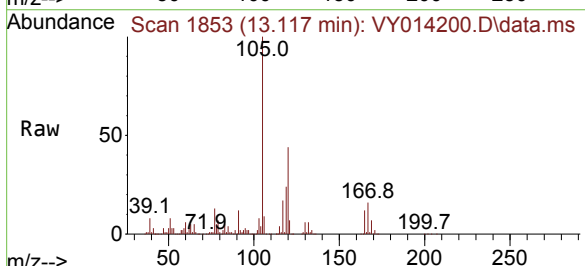
Acq: 15 Jun 2023 19:23

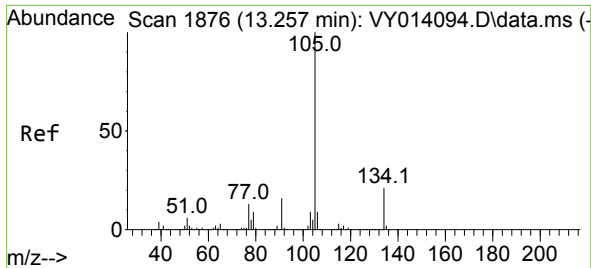
Tgt Ion:105 Resp: 422327

Ion Ratio Lower Upper

105 100

120 44.2 22.2 66.6

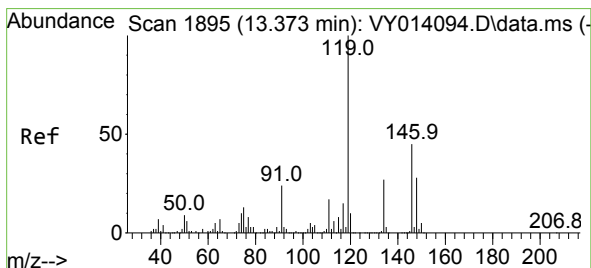
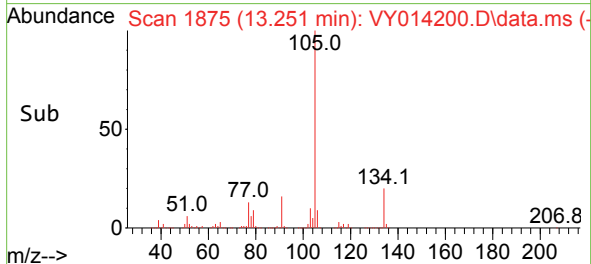
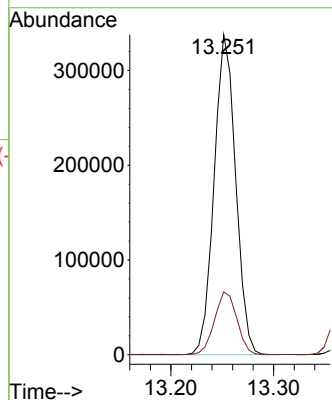
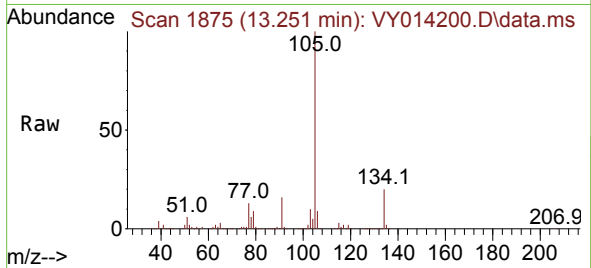




#85
 sec-Butylbenzene
 Concen: 42.038 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

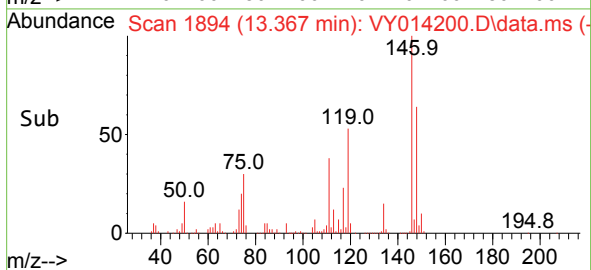
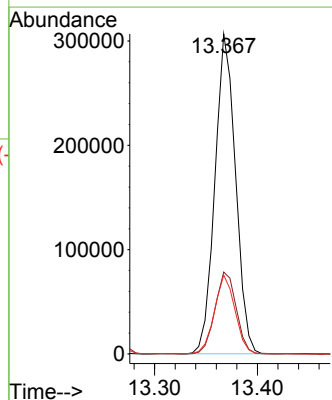
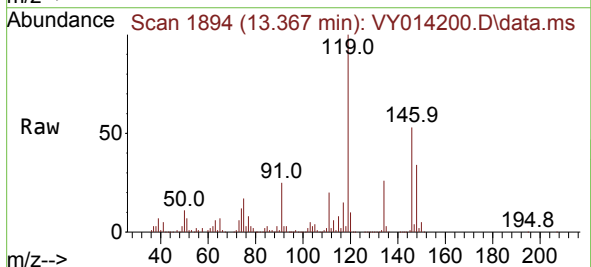
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

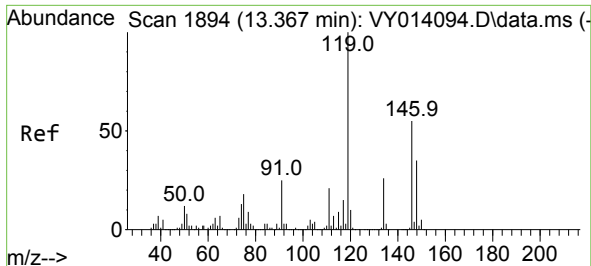
Tgt Ion:105 Resp: 491678
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 42.708 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

Tgt Ion:119 Resp: 427505
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 24.4 12.4 37.4

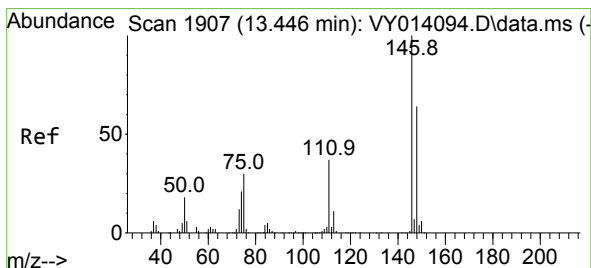
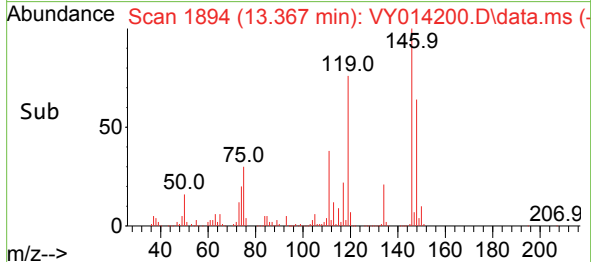
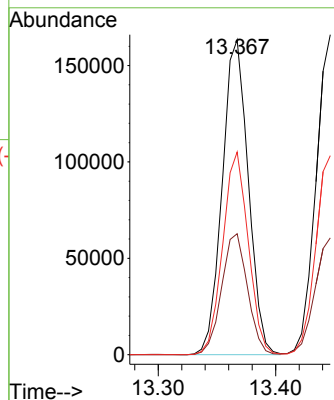
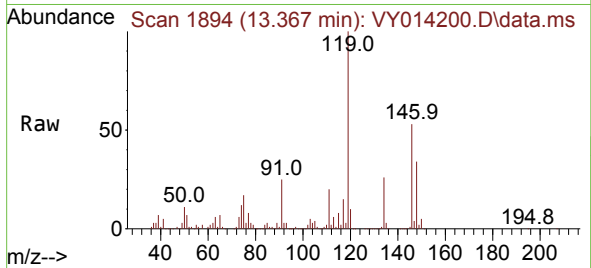




#87
1,3-Dichlorobenzene
Concen: 45.449 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

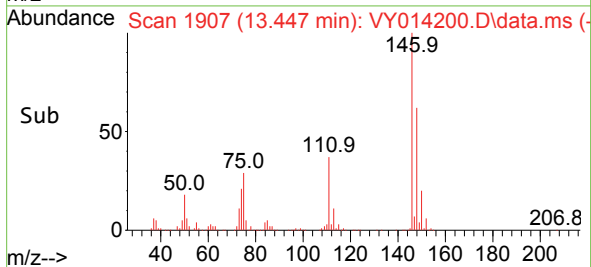
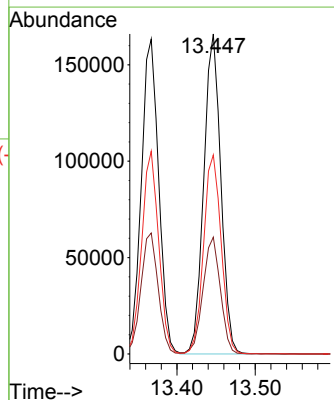
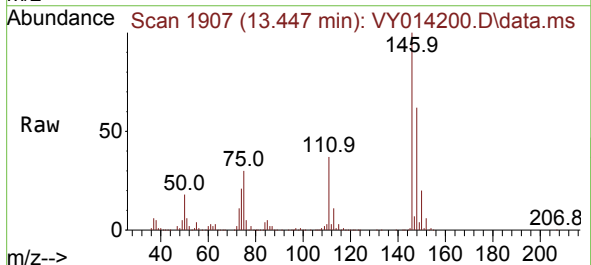
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

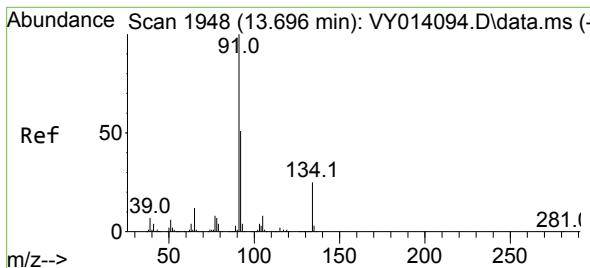
Tgt Ion:146 Resp: 252158
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 63.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 44.912 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion:146 Resp: 251061
Ion Ratio Lower Upper
146 100
111 37.2 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 42.821 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

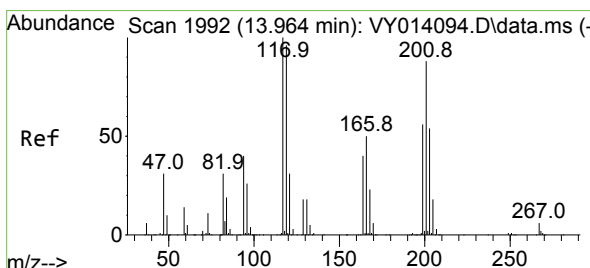
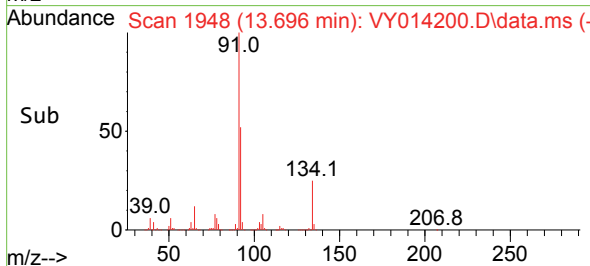
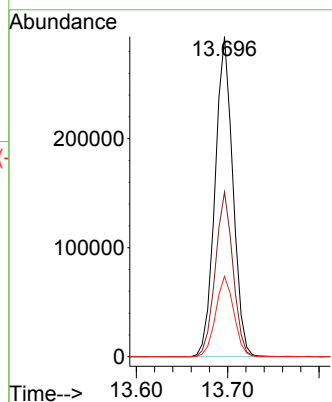
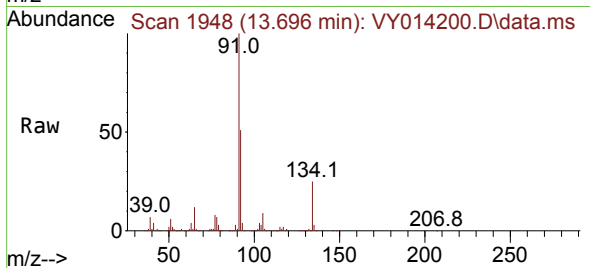
Tgt Ion: 91 Resp: 397558

Ion Ratio Lower Upper

91 100

92 51.0 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 43.046 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014200.D

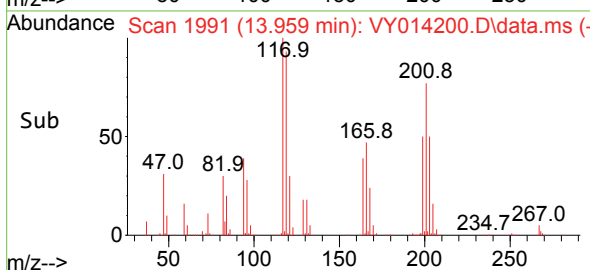
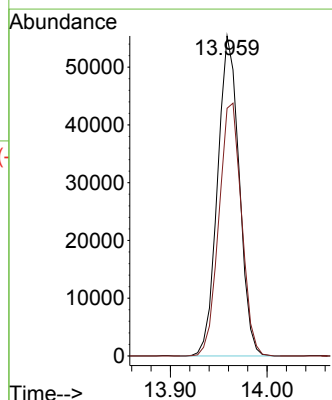
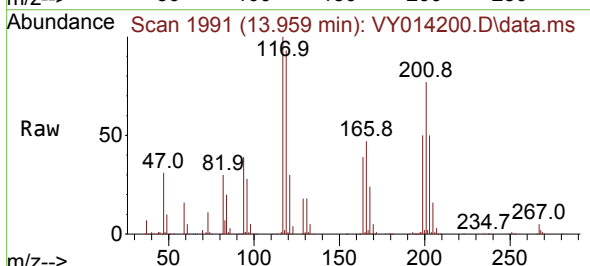
Acq: 15 Jun 2023 19:23

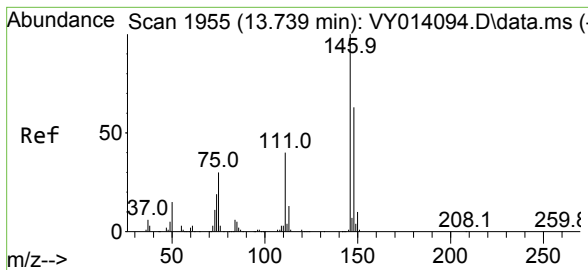
Tgt Ion: 117 Resp: 85861

Ion Ratio Lower Upper

117 100

201 82.6 41.6 124.8

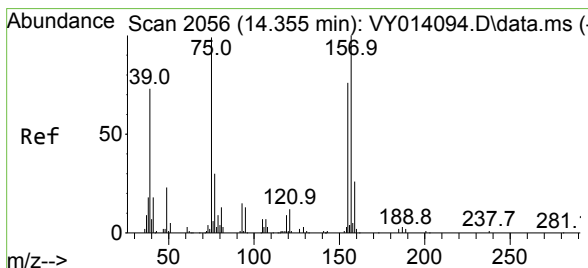
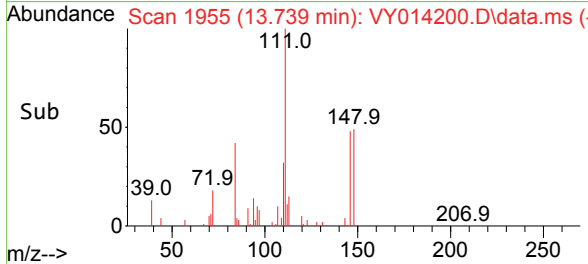
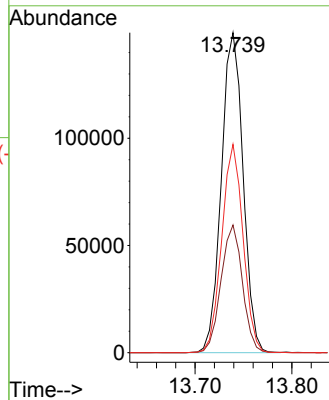
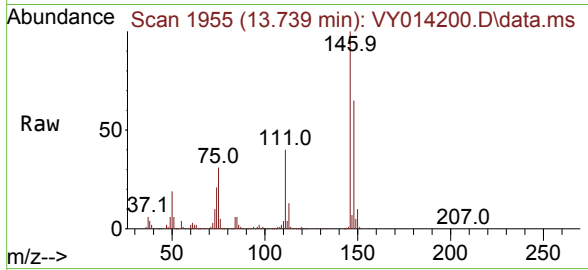




#91
 1,2-Dichlorobenzene
 Concen: 46.762 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

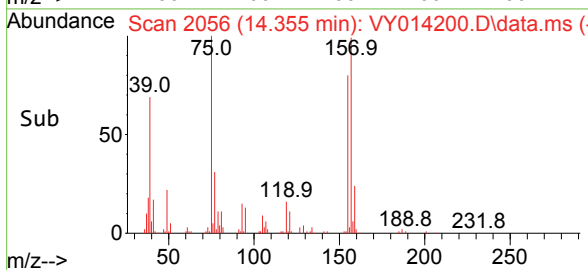
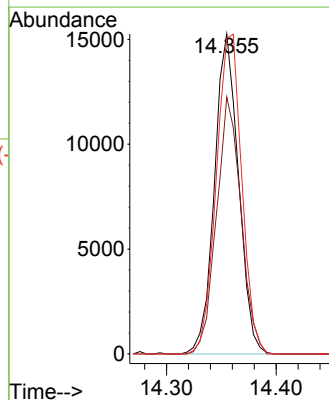
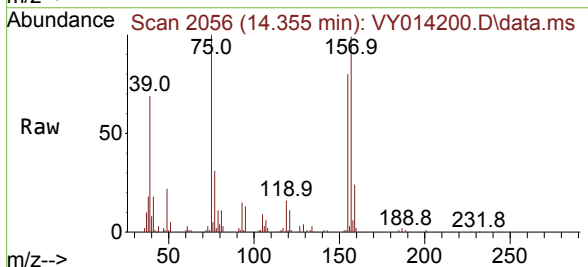
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

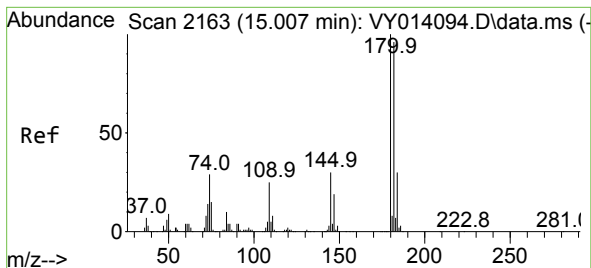
Tgt Ion:	146	Resp:	233020
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.7	59.0
148	63.8	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.301 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014200.D
 Acq: 15 Jun 2023 19:23

Tgt Ion:	75	Resp:	23194
Ion Ratio	Lower	Upper	
75	100		
155	82.2	41.5	124.6
157	106.1	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.813 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

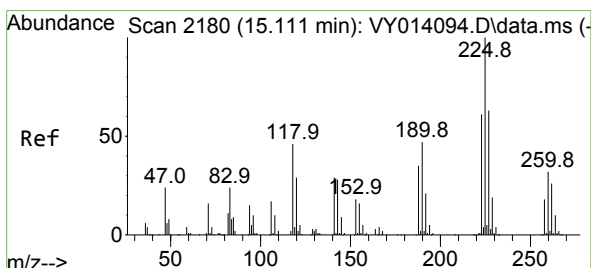
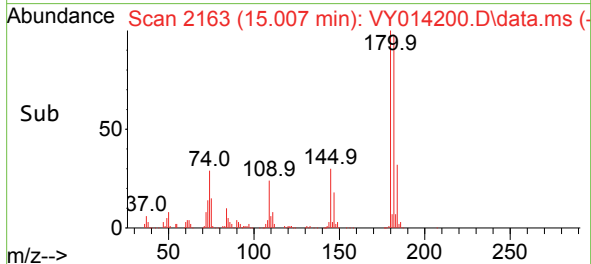
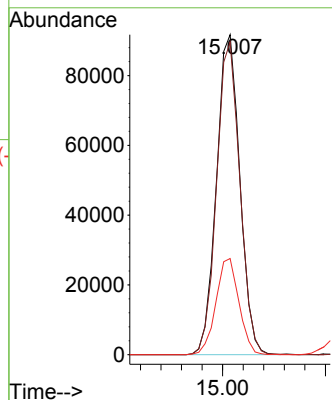
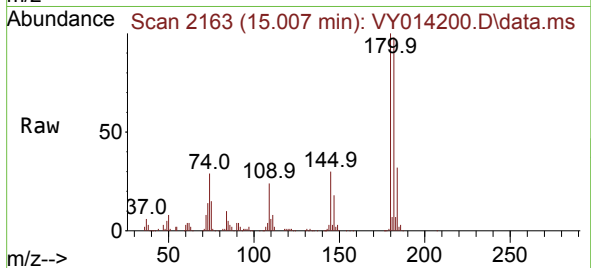
Tgt Ion:180 Resp: 144617

Ion Ratio Lower Upper

180 100

182 97.2 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 44.412 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014200.D

Acq: 15 Jun 2023 19:23

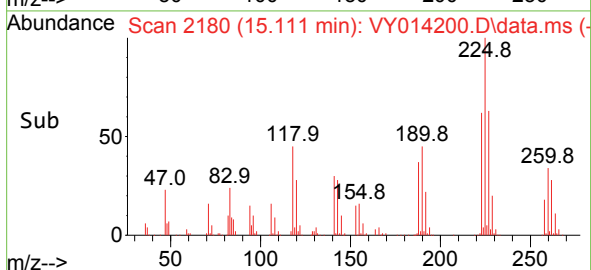
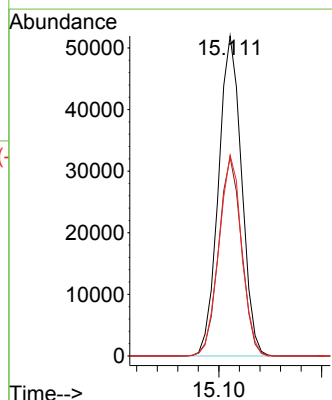
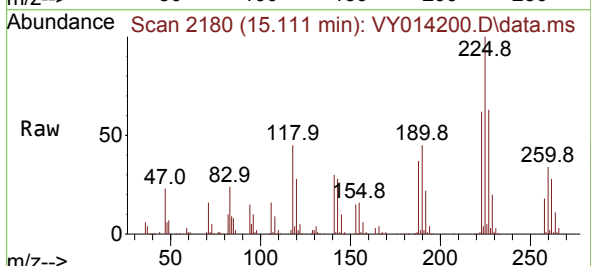
Tgt Ion:225 Resp: 80938

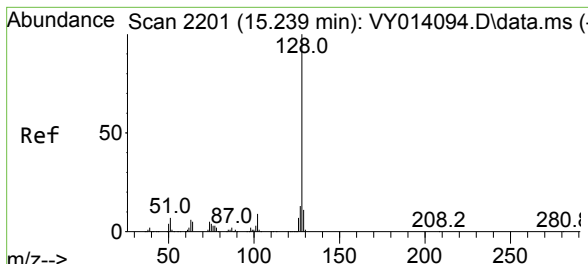
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 62.0 33.0 98.9



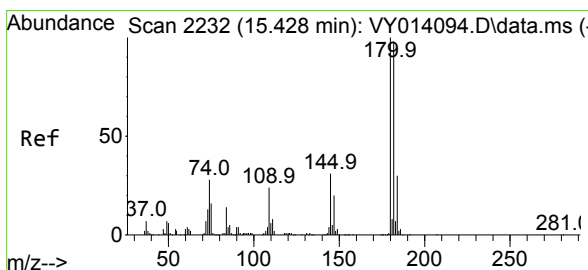
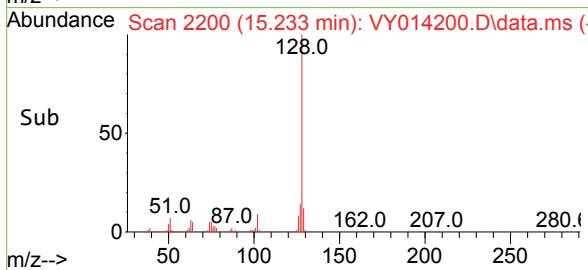
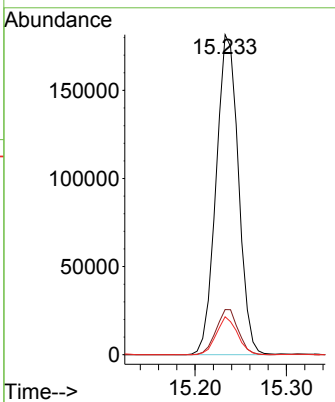
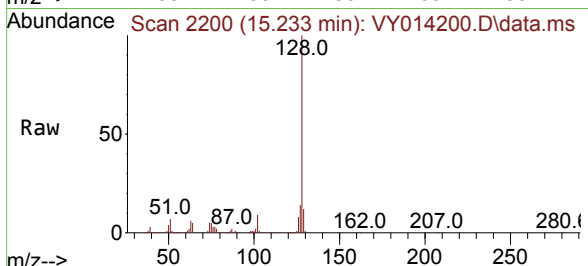


#95
Naphthalene
Concen: 48.131 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 308391

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.8	16.2
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.442 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014200.D
Acq: 15 Jun 2023 19:23

Tgt Ion:180 Resp: 132473

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.8
145	31.1	15.4	46.2

