

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015209.D
 Acq On : 18 Aug 2023 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:17:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114764	51.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.340%
35) Dibromofluoromethane	7.716	113	95898	45.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.720%
50) Toluene-d8	10.179	98	330413	42.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.880%
62) 4-Bromofluorobenzene	12.483	95	128077	45.042	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	36232	44.761	ug/l	100
3) Chloromethane	2.107	50	57179	51.352	ug/l	99
4) Vinyl Chloride	2.247	62	70031	47.109	ug/l	97
5) Bromomethane	2.637	94	56661	55.235	ug/l	99
6) Chloroethane	2.784	64	53992	50.025	ug/l	94
7) Trichlorofluoromethane	3.119	101	120568	48.133	ug/l	98
8) Diethyl Ether	3.527	74	53027	53.977	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	72555	46.605	ug/l	97
10) Methyl Iodide	4.082	142	71216	46.587	ug/l	98
11) Tert butyl alcohol	4.960	59	104356	284.903	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	62338	47.953	ug/l	93
13) Acrolein	3.723	56	22035	128.779	ug/l	97
14) Allyl chloride	4.466	41	106805	46.340	ug/l	98
15) Acrylonitrile	5.155	53	195443	293.567	ug/l	98
16) Acetone	3.942	43	168759	230.350	ug/l	95
17) Carbon Disulfide	4.186	76	103323	45.163	ug/l	97
18) Methyl Acetate	4.472	43	157726	58.749	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	304709	55.126	ug/l	99
20) Methylene Chloride	4.704	84	104526	60.405	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	74264	50.646	ug/l	90
22) Diisopropyl ether	6.112	45	299310	52.044	ug/l	92
23) Vinyl Acetate	6.057	43	790807	230.447	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	162063	52.050	ug/l	97
25) 2-Butanone	6.984	43	279618	269.559	ug/l	95
26) 2,2-Dichloropropane	6.978	77	88284	29.413	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	104291	52.066	ug/l	92
28) Bromochloromethane	7.332	49	59906	41.878	ug/l	91
29) Tetrahydrofuran	7.344	42	176179	284.042	ug/l	90
30) Chloroform	7.502	83	183825	52.666	ug/l	97
31) Cyclohexane	7.783	56	95786	47.701	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	151073	50.864	ug/l	98
36) 1,1-Dichloropropene	7.917	75	106328	45.957	ug/l	99
37) Ethyl Acetate	7.069	43	110702	51.331	ug/l #	93
38) Carbon Tetrachloride	7.899	117	127790	46.669	ug/l	99
39) Methylcyclohexane	9.179	83	114704	44.224	ug/l	94
40) Benzene	8.155	78	341116	48.766	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	162827	146.419	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	130031	51.185	ug/l	95
43) Isopropyl Acetate	8.271	43	205555	52.340	ug/l	98
44) Trichloroethene	8.935	130	105242	52.223	ug/l	100
45) 1,2-Dichloropropane	9.215	63	96990	49.171	ug/l	99
46) Dibromomethane	9.301	93	63711	51.212	ug/l	98
47) Bromodichloromethane	9.496	83	152490	51.367	ug/l	99
48) Methyl methacrylate	9.289	41	89986	53.562	ug/l	93
49) 1,4-Dioxane	9.295	88	27234	1094.747	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	610844	268.371	ug/l	93
52) Toluene	10.240	92	220739	47.877	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	128669	41.242	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	140571	42.782	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	96151	50.830	ug/l	96
56) Ethyl methacrylate	10.508	69	141775	51.213	ug/l	92
57) 1,3-Dichloropropane	10.788	76	156801	50.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	307050	238.332	ug/l	93
59) 2-Hexanone	10.831	43	443779	263.438	ug/l	92
60) Dibromochloromethane	10.983	129	114363	50.683	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89338	49.716	ug/l	100
64) Tetrachloroethene	10.721	164	134235	65.694	ug/l	98
65) Chlorobenzene	11.514	112	257816	48.246	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	108287	49.942	ug/l	99
67) Ethyl Benzene	11.593	91	436175	46.586	ug/l	99
68) m/p-Xylenes	11.703	106	333274	93.721	ug/l	96
69) o-Xylene	12.026	106	171598	48.440	ug/l	97
70) Styrene	12.044	104	296237	48.317	ug/l	97
71) Bromoform	12.209	173	80621	51.292	ug/l #	99
73) Isopropylbenzene	12.331	105	453808	46.322	ug/l	100
74) N-amyl acetate	12.142	43	174351	49.292	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	119228	46.728	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	153134	82.732	ug/l #	100
77) Bromobenzene	12.605	156	114679	48.023	ug/l	98
78) n-propylbenzene	12.672	91	524534	45.088	ug/l	99
79) 2-Chlorotoluene	12.757	91	312889	46.622	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	382923	46.890	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	28550	33.879	ug/l	97
82) 4-Chlorotoluene	12.855	91	323473	46.654	ug/l	100
83) tert-Butylbenzene	13.075	119	341247	45.685	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	392269	48.071	ug/l	99
85) sec-Butylbenzene	13.251	105	496951	45.407	ug/l	99
86) p-Isopropyltoluene	13.367	119	413214	45.539	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	223245	47.133	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	224556	47.268	ug/l	99
89) n-Butylbenzene	13.696	91	371250	43.393	ug/l	96
90) Hexachloroethane	13.959	117	82338	45.741	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	216644	48.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26695	54.008	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	130091	45.796	ug/l	98
94) Hexachlorobutadiene	15.111	225	68188	44.130	ug/l	99
95) Naphthalene	15.233	128	370786	52.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	123824	48.266	ug/l	98

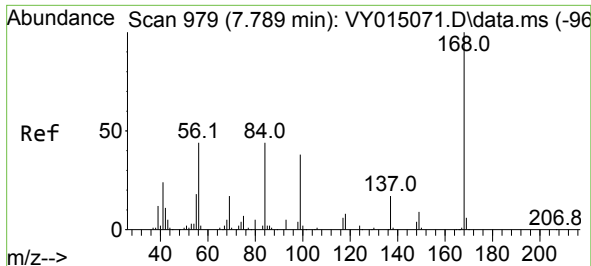
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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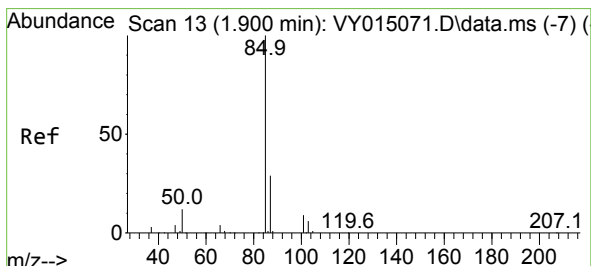
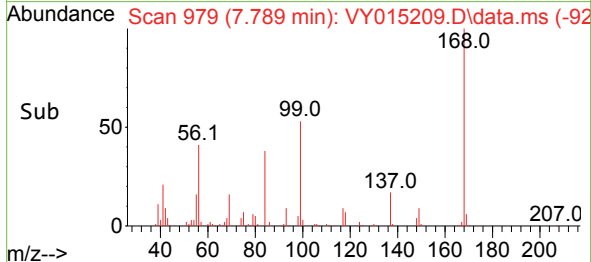
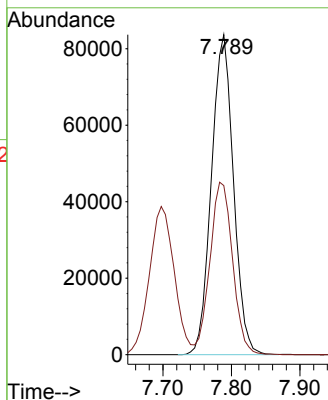
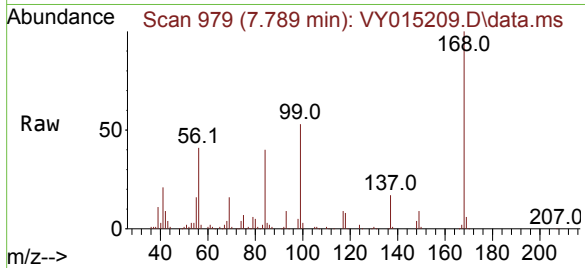
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015209.D
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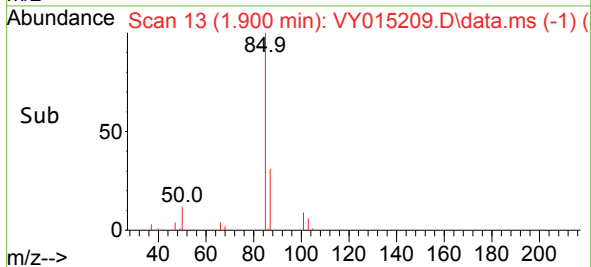
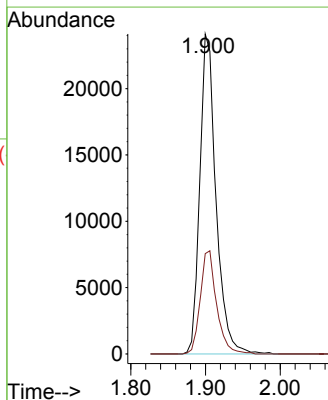
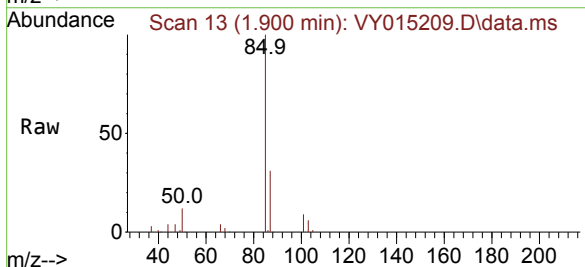
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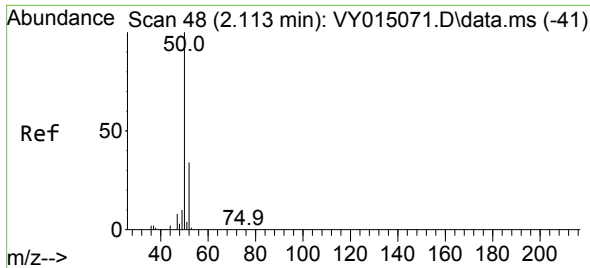
Tgt Ion:168 Resp: 186820
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.761 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 85 Resp: 36232
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8

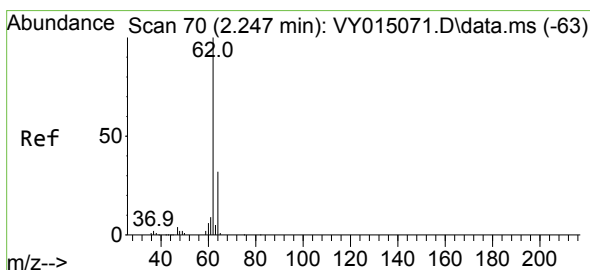
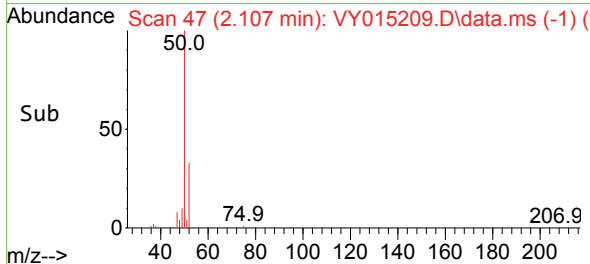
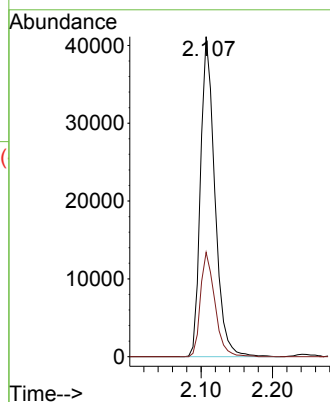
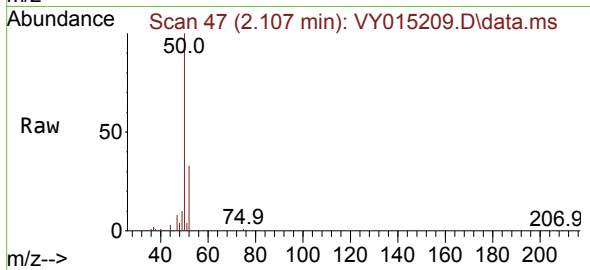




#3
Chloromethane
Concen: 51.352 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

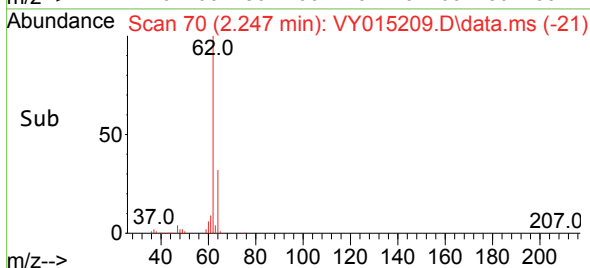
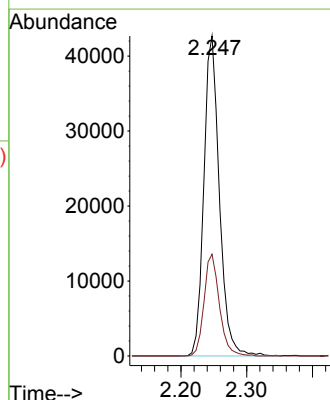
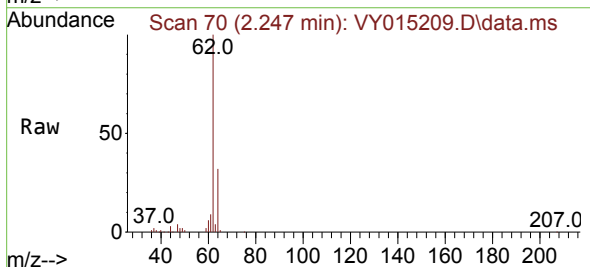
Instrument :
MSVOA_Y
ClientSampleId :

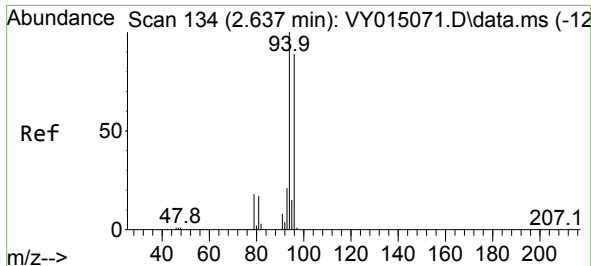
Tgt Ion: 50 Resp: 57179
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 47.109 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

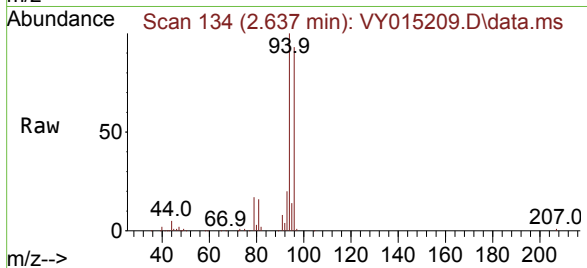
Tgt Ion: 62 Resp: 70031
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5



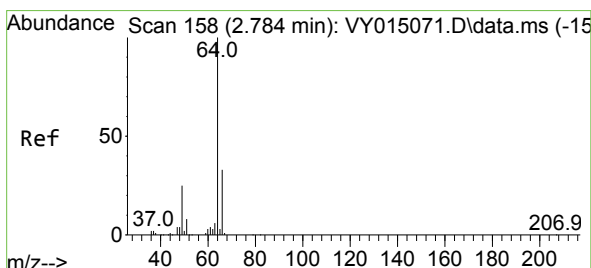
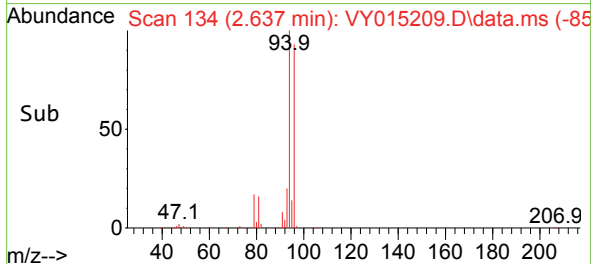
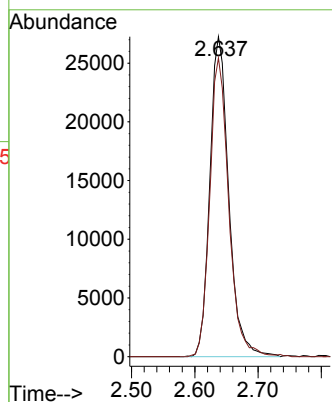


#5
Bromomethane
Concen: 55.235 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

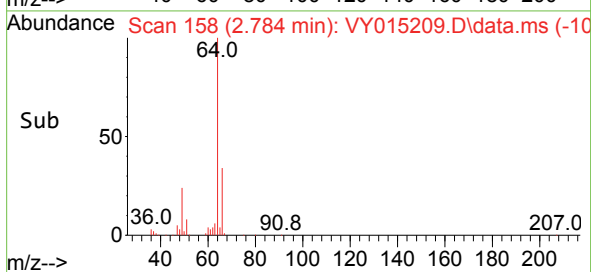
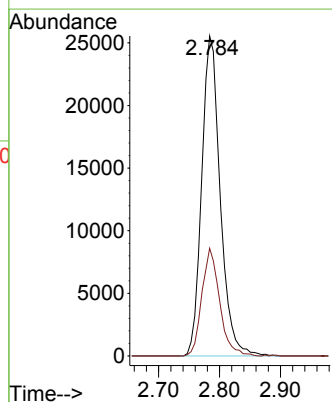
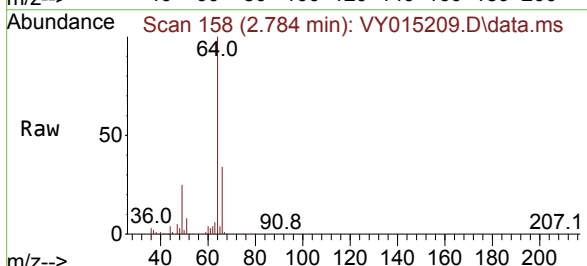


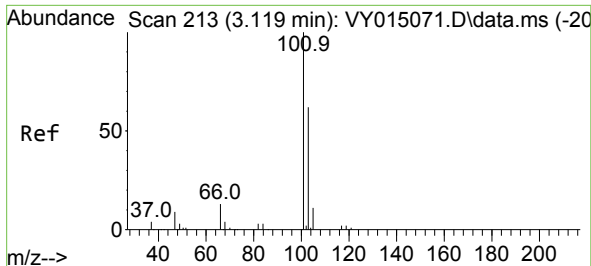
Tgt Ion: 94 Resp: 56661
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.6



#6
Chloroethane
Concen: 50.025 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 64 Resp: 53992
Ion Ratio Lower Upper
64 100
66 33.7 24.4 36.6

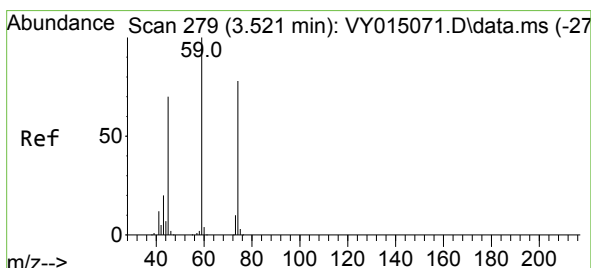
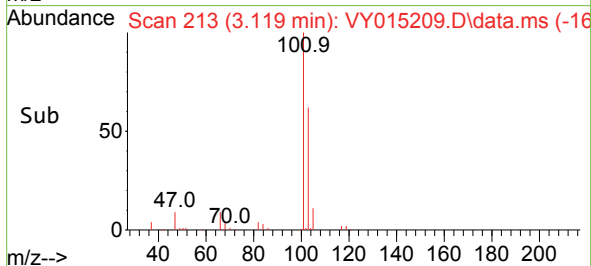
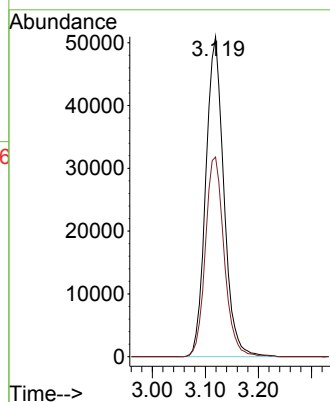
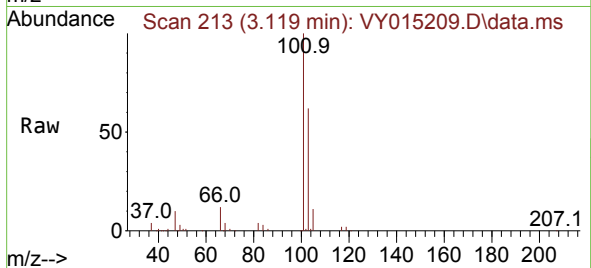




#7
 Trichlorofluoromethane
 Concen: 48.133 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015209.D
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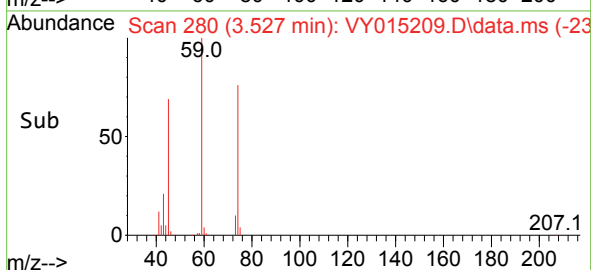
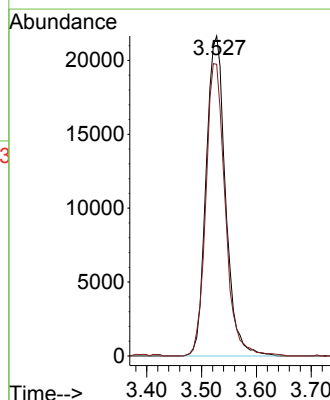
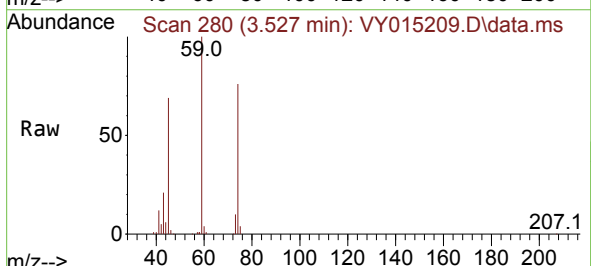
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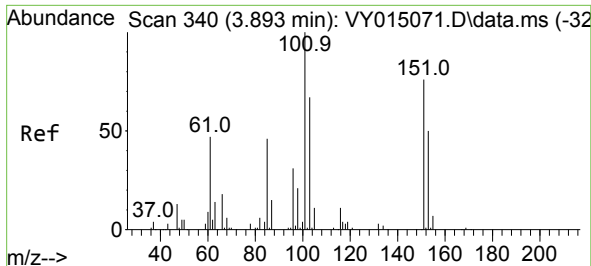
Tgt Ion:101 Resp: 120568
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.977 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015209.D
 Acq: 18 Aug 2023 20:31

Tgt Ion: 74 Resp: 53027
 Ion Ratio Lower Upper
 74 100
 45 91.6 51.5 154.5

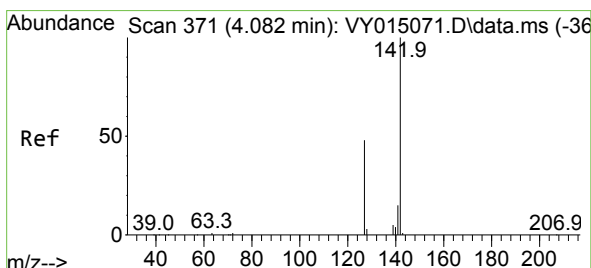
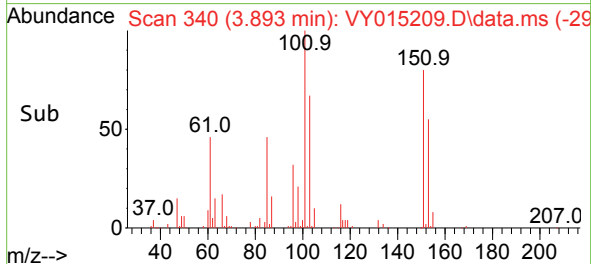
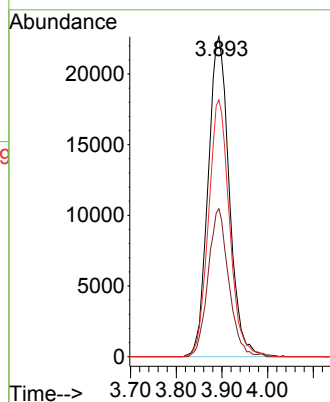
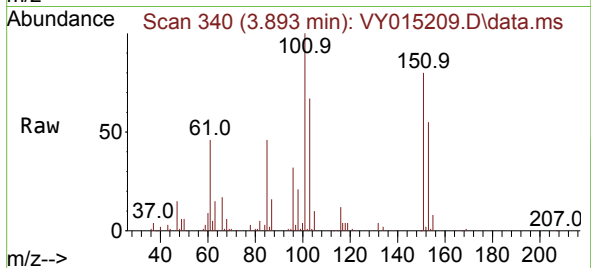




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.605 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015209.D
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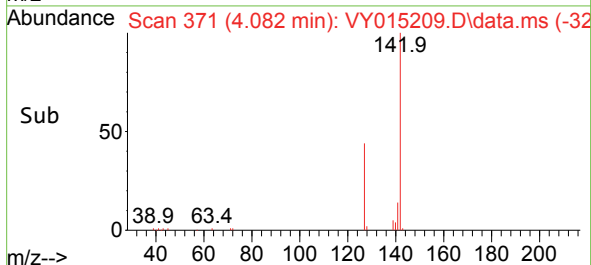
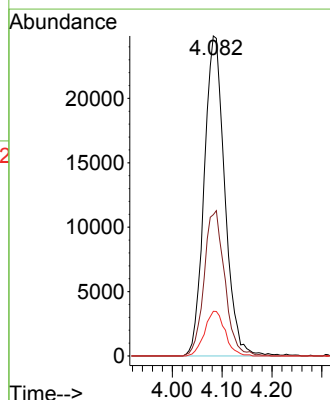
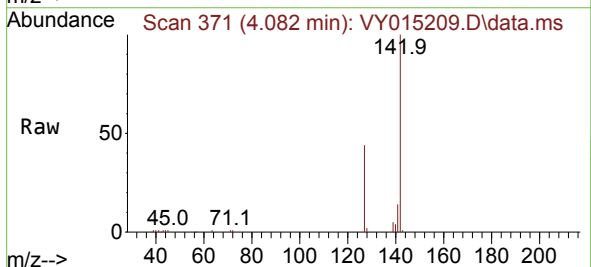
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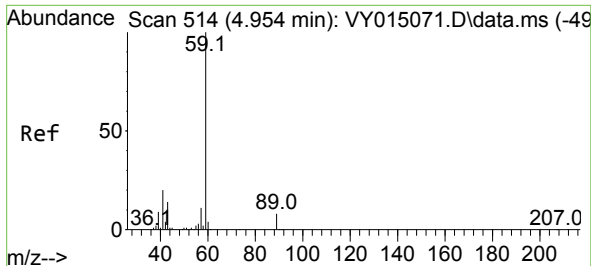
Tgt Ion:101 Resp: 72555
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 80.0 67.0 100.6



#10
Methyl Iodide
Concen: 46.587 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

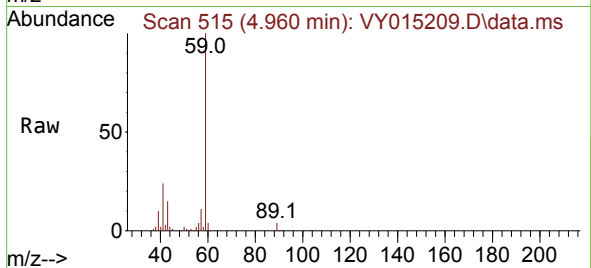
Tgt Ion:142 Resp: 71216
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.0 11.8 17.8



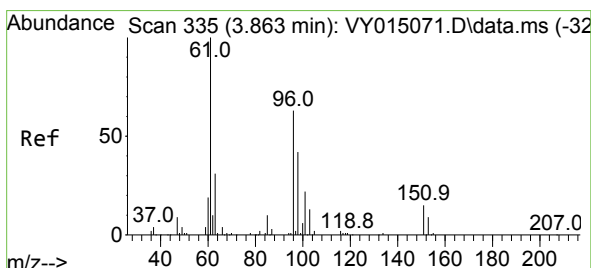
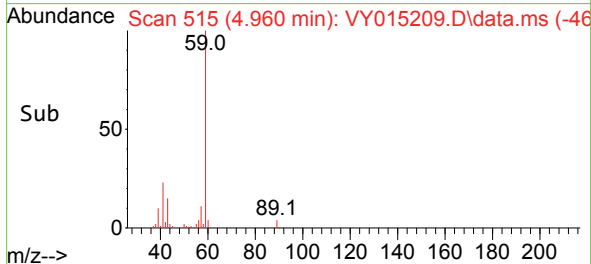
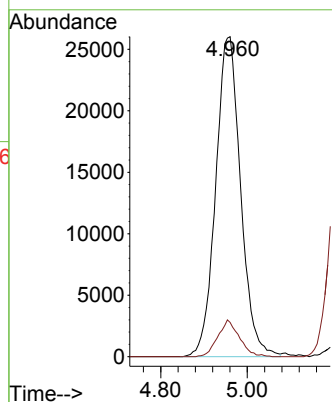


#11
Tert butyl alcohol
Concen: 284.903 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

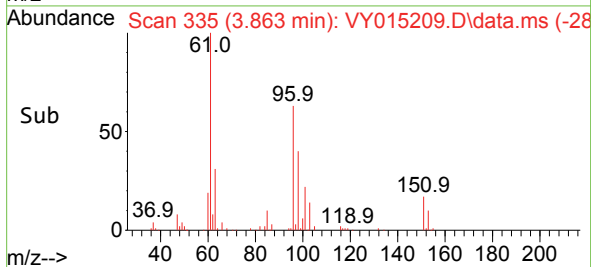
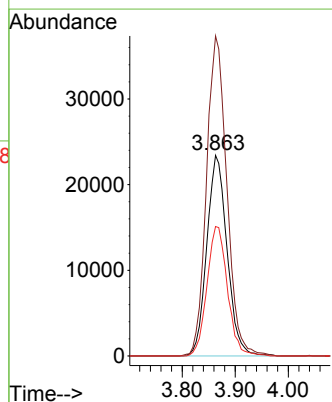
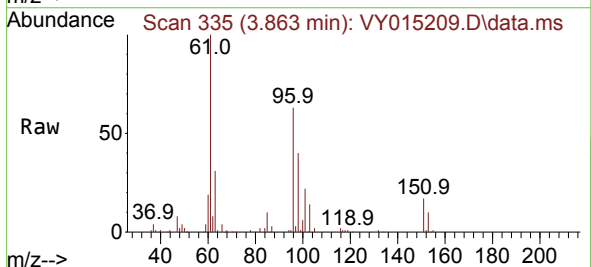


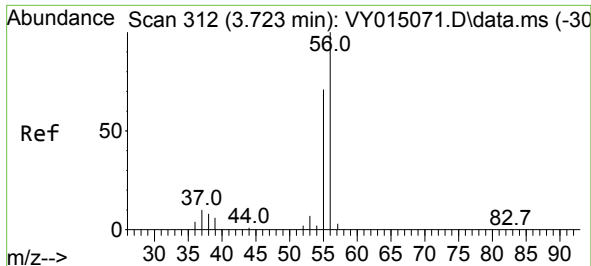
Tgt Ion: 59 Resp: 104356
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.953 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 96 Resp: 62338
Ion Ratio Lower Upper
96 100
61 159.5 136.4 204.6
98 64.5 49.4 74.2

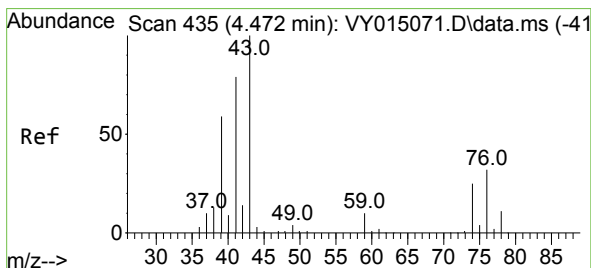
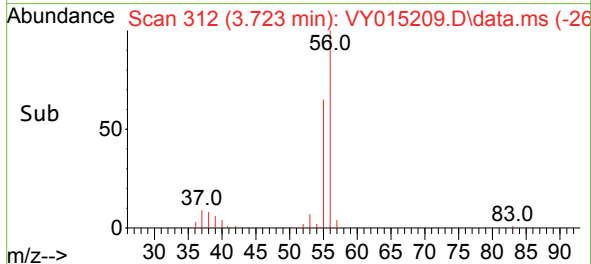
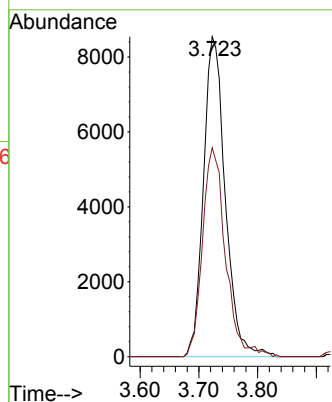
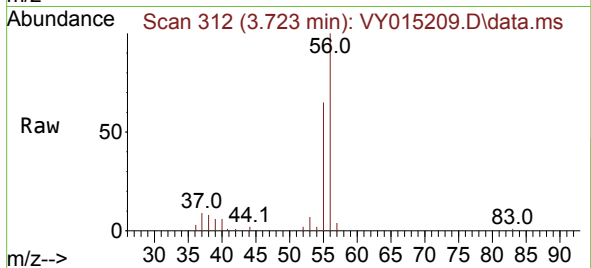




#13
Acrolein
Concen: 128.779 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

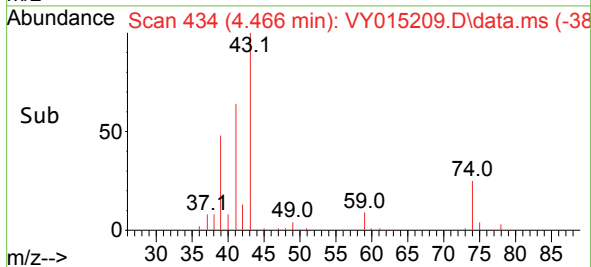
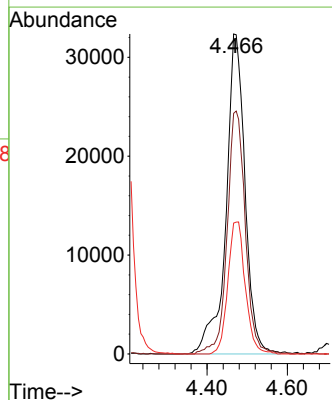
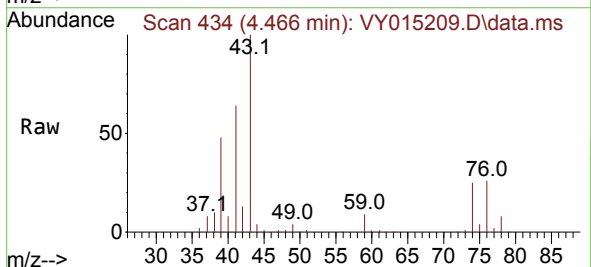
Instrument :
MSVOA_Y
ClientSampleId :

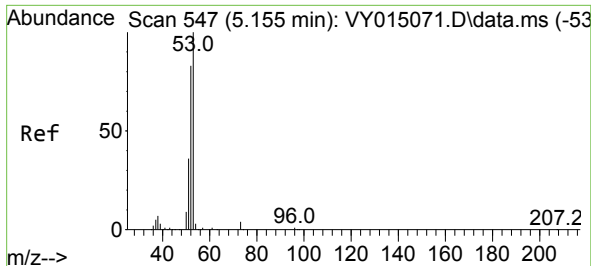
Tgt Ion: 56 Resp: 22035
Ion Ratio Lower Upper
56 100
55 68.6 57.0 85.4



#14
Allyl chloride
Concen: 46.340 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

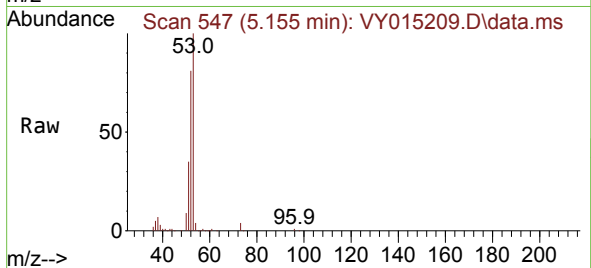
Tgt Ion: 41 Resp: 106805
Ion Ratio Lower Upper
41 100
39 72.2 58.0 87.0
76 37.7 27.4 41.2



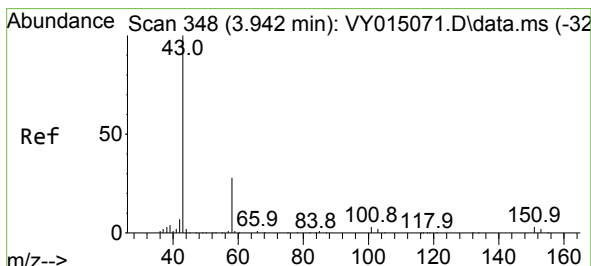
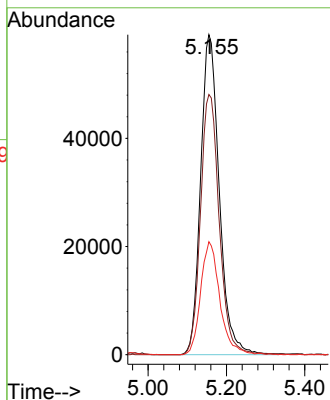
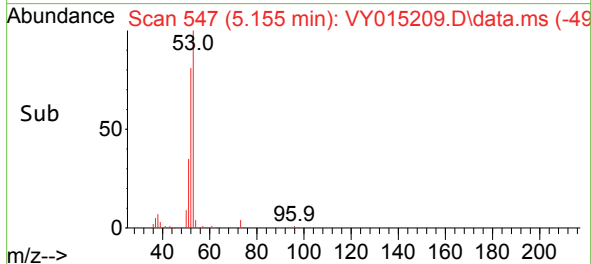


#15
Acrylonitrile
Concen: 293.567 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

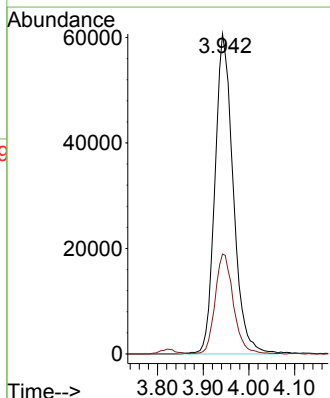
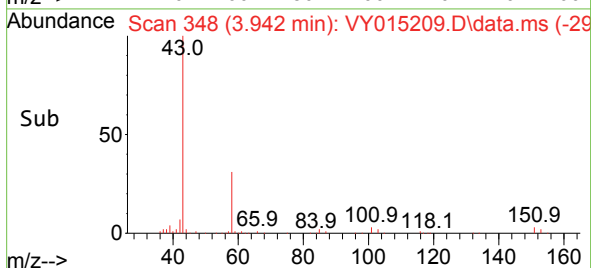
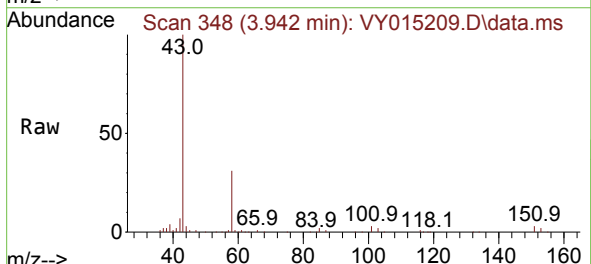


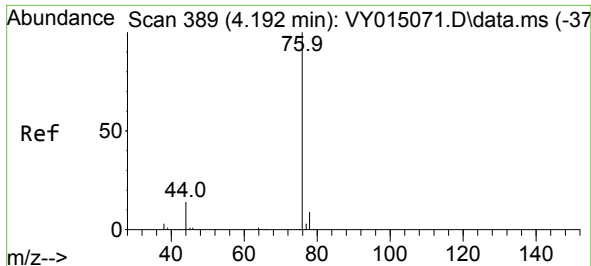
Tgt Ion:	53	Resp:	195443
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.9	100.3
51	36.3	29.8	44.6



#16
Acetone
Concen: 230.350 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion:	43	Resp:	168759
Ion	Ratio	Lower	Upper
43	100		
58	31.1	22.7	34.1

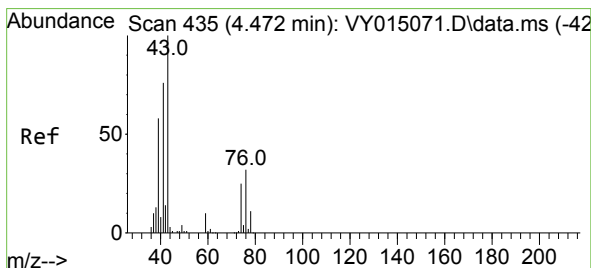
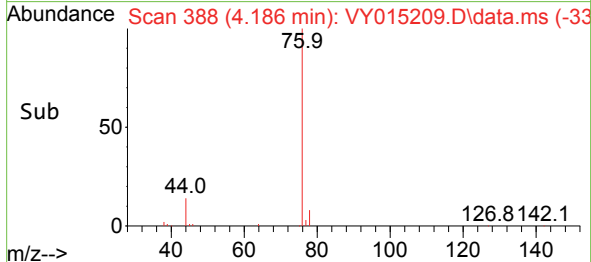
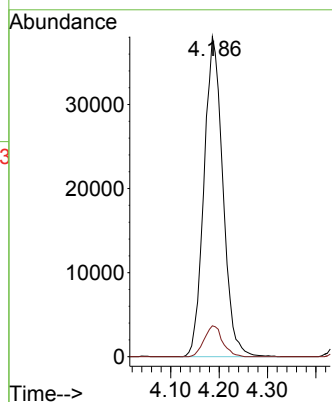
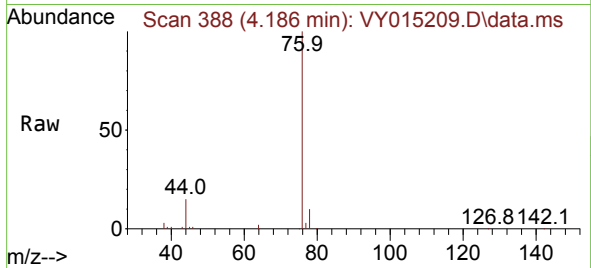




#17
Carbon Disulfide
Concen: 45.163 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

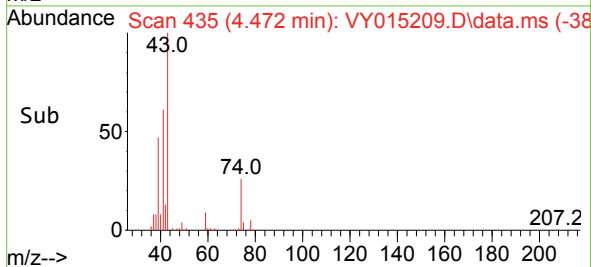
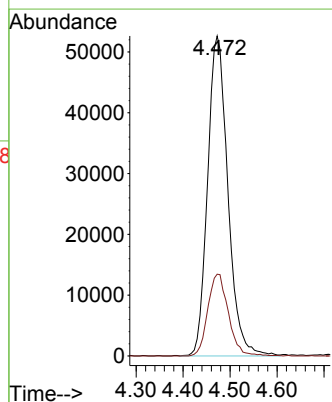
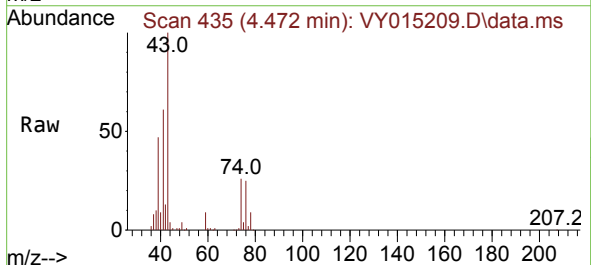
Instrument :
MSVOA_Y
ClientSampleId :

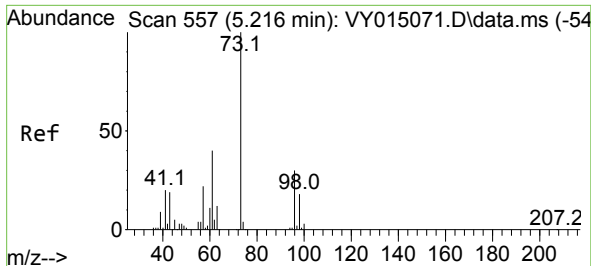
Tgt Ion: 76 Resp: 103323
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 58.749 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

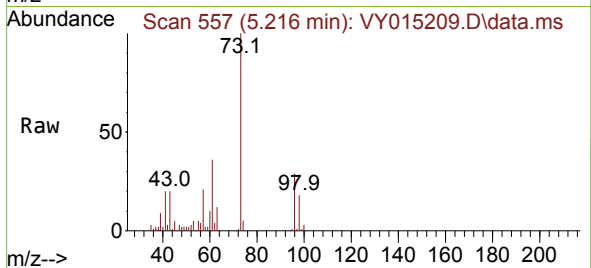
Tgt Ion: 43 Resp: 157726
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0



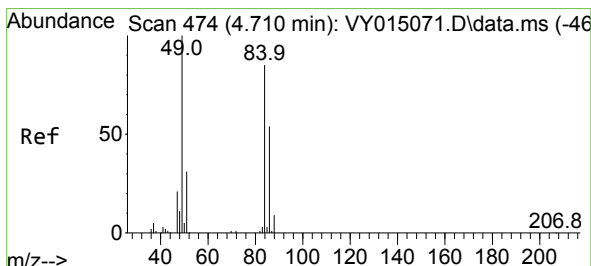
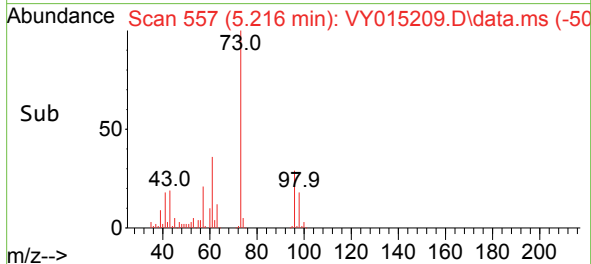
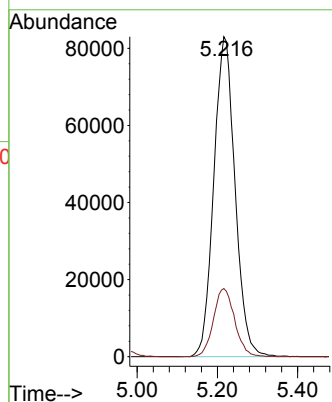


#19
Methyl tert-butyl Ether
Concen: 55.126 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

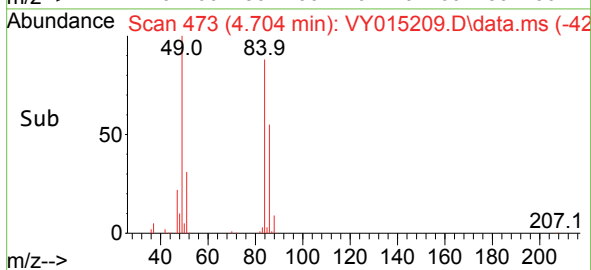
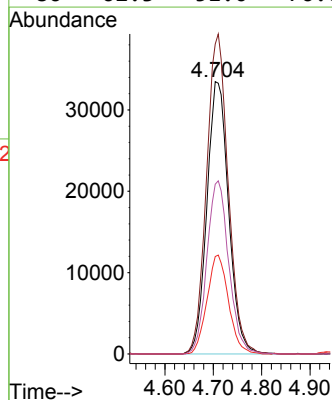
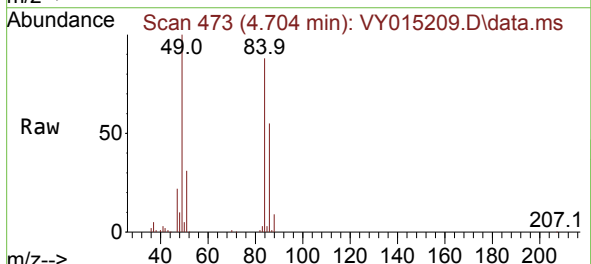


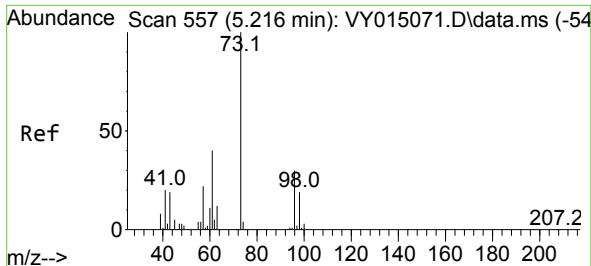
Tgt Ion: 73 Resp: 304709
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 60.405 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

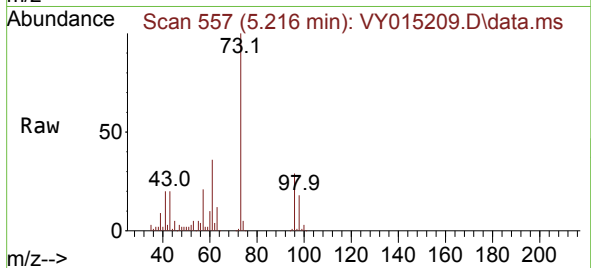
Tgt Ion: 84 Resp: 104526
Ion Ratio Lower Upper
84 100
49 113.8 106.9 160.3
51 35.8 33.2 49.8
86 62.3 51.0 76.6



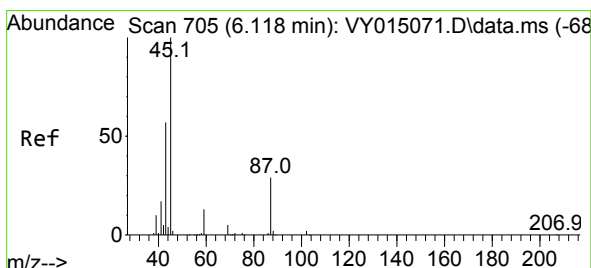
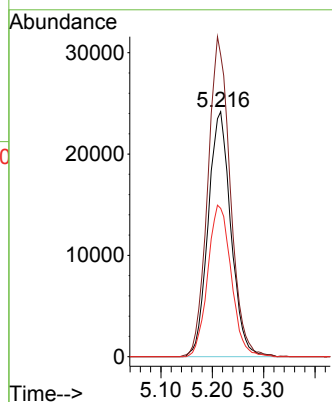
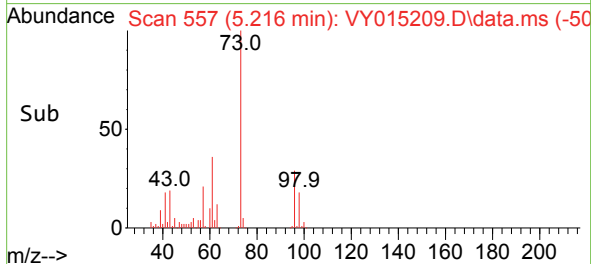


#21
trans-1,2-Dichloroethene
Concen: 50.646 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

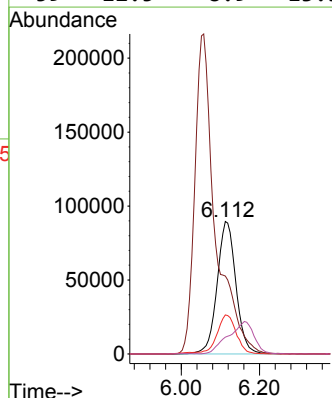
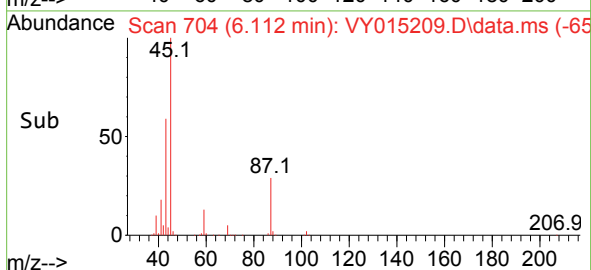
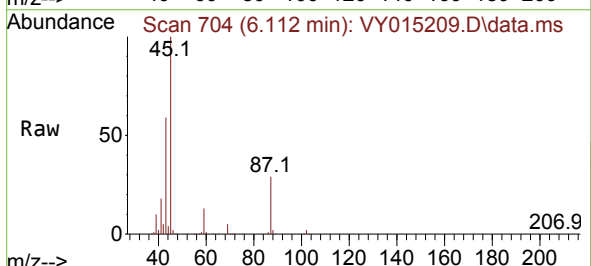


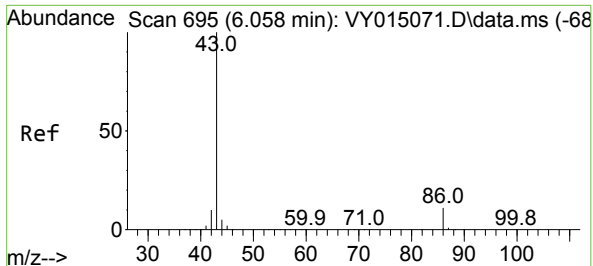
Tgt Ion: 96 Resp: 74264
Ion Ratio Lower Upper
96 100
61 123.2 110.2 165.4
98 60.5 51.8 77.6



#22
Diisopropyl ether
Concen: 52.044 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 45 Resp: 299310
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 29.4 21.0 31.6
59 12.5 8.9 13.3

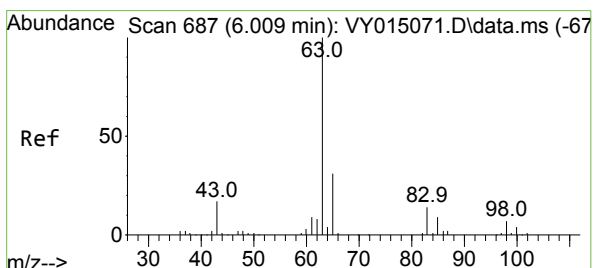
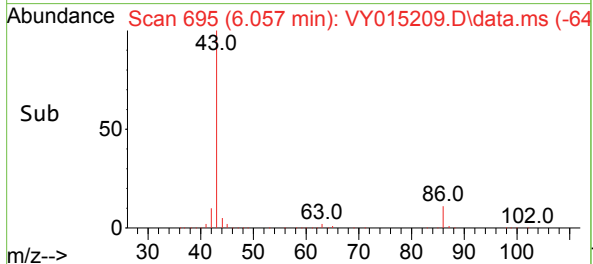
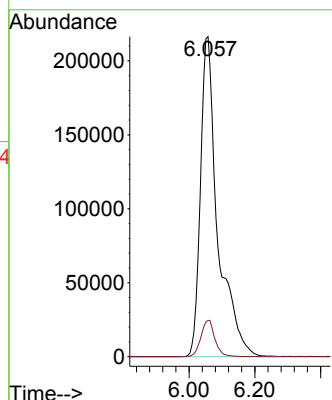
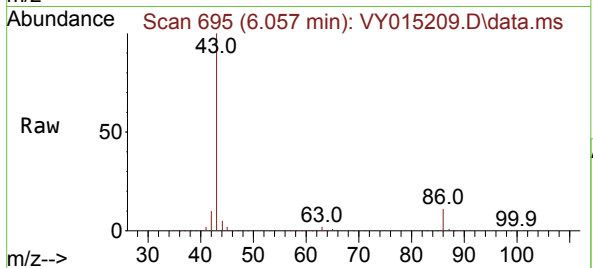




#23
 Vinyl Acetate
 Concen: 230.447 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015209.D
 Acq: 18 Aug 2023 20:31

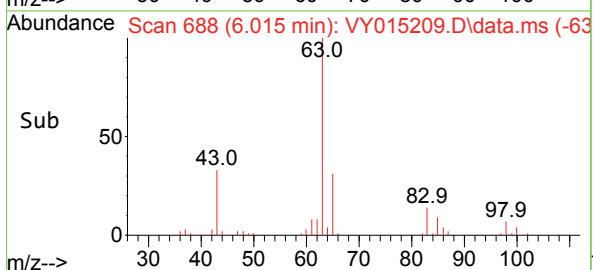
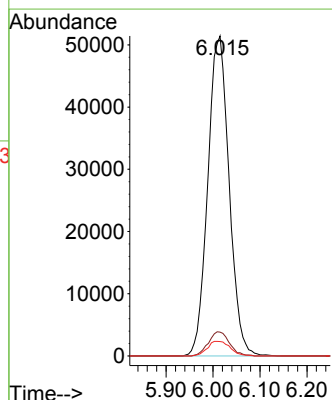
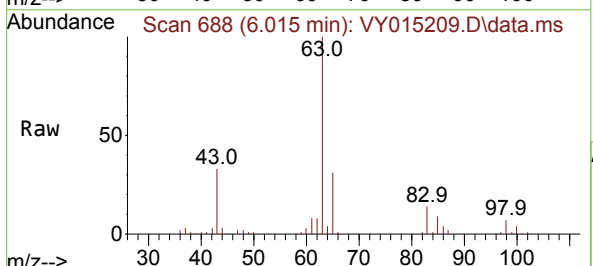
Instrument :
 MSVOA_Y
 ClientSampleId :

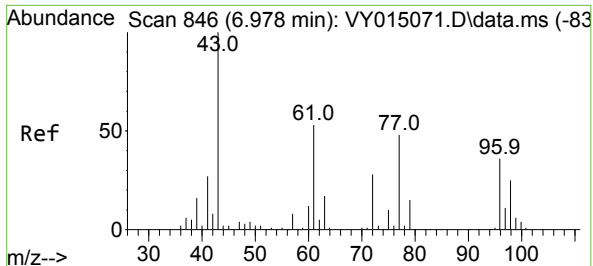
Tgt Ion: 43 Resp: 790807
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.050 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015209.D
 Acq: 18 Aug 2023 20:31

Tgt Ion: 63 Resp: 162063
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.5 1.8 5.5

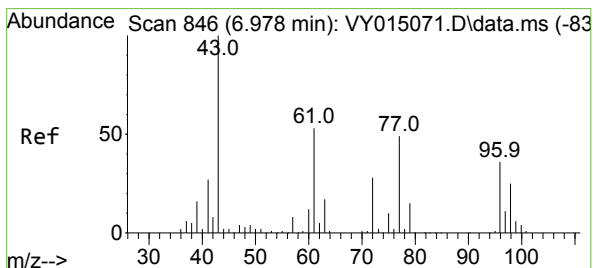
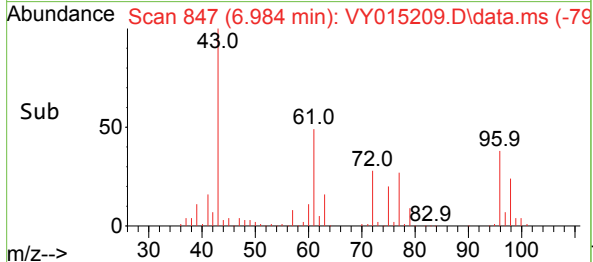
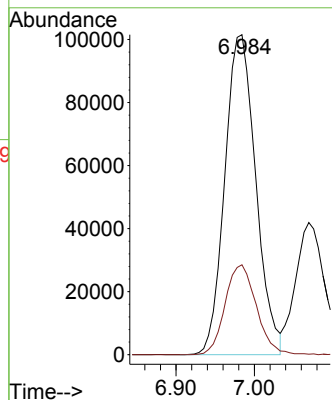
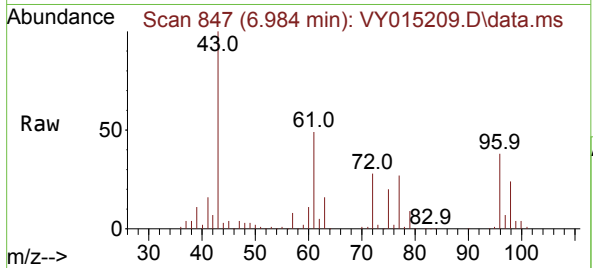




#25
2-Butanone
Concen: 269.559 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

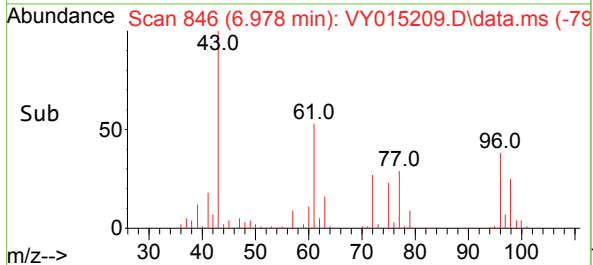
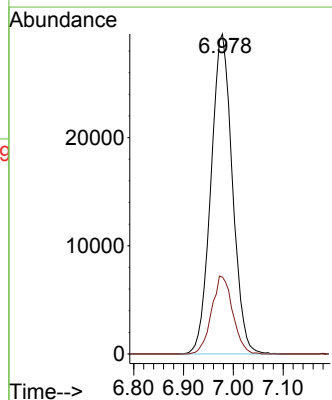
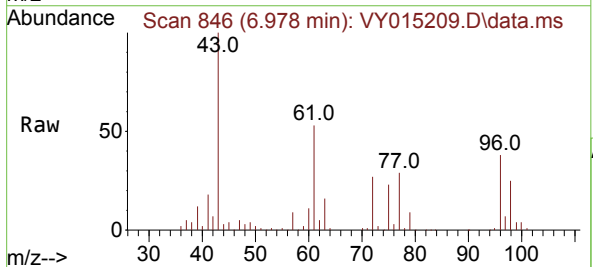
Instrument :
MSVOA_Y
ClientSampleId :

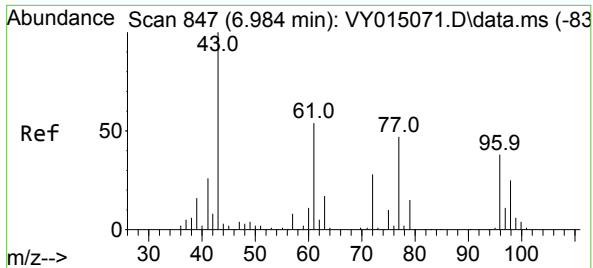
Tgt Ion: 43 Resp: 279618
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 29.413 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 77 Resp: 88284
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9

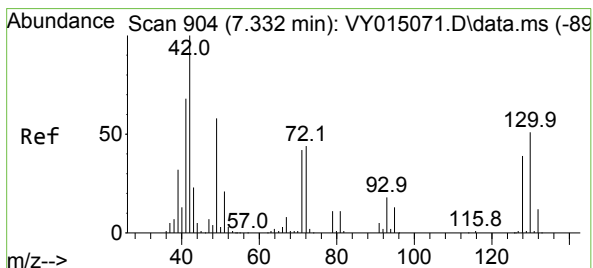
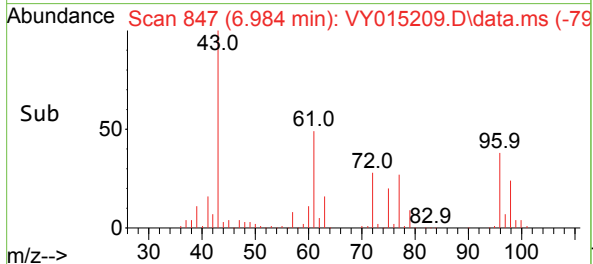
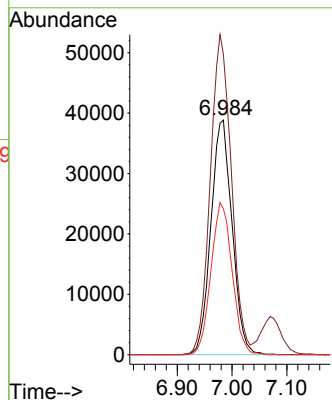
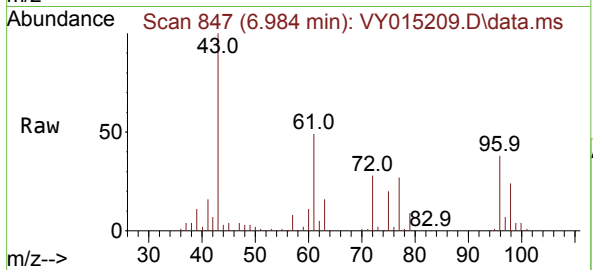




#27
 cis-1,2-Dichloroethene
 Concen: 52.066 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015209.D
 Acq: 18 Aug 2023 20:31

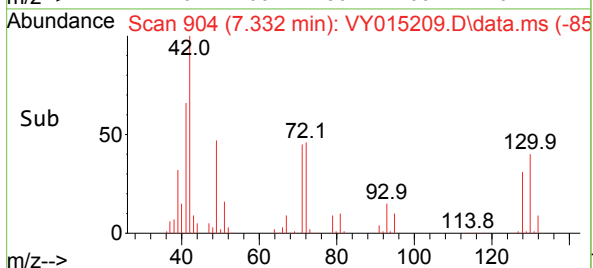
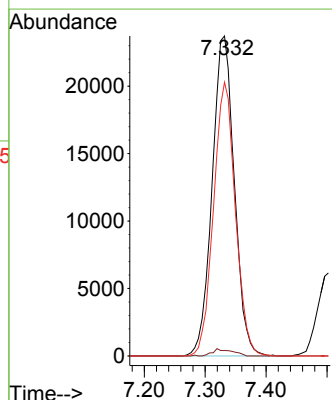
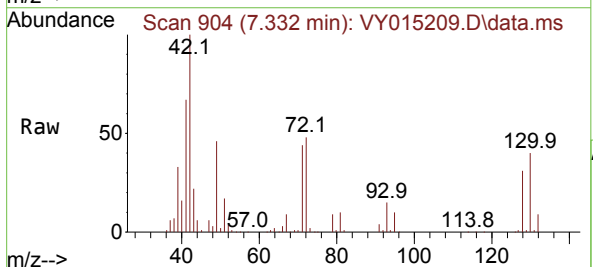
Instrument :
 MSVOA_Y
 ClientSampleId :

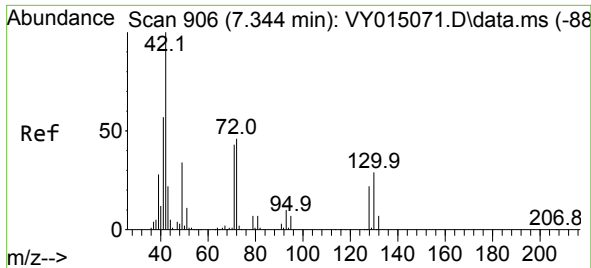
Tgt Ion: 96 Resp: 104291
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 301.4
 98 64.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 41.878 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015209.D
 Acq: 18 Aug 2023 20:31

Tgt Ion: 49 Resp: 59906
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 84.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 284.042 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

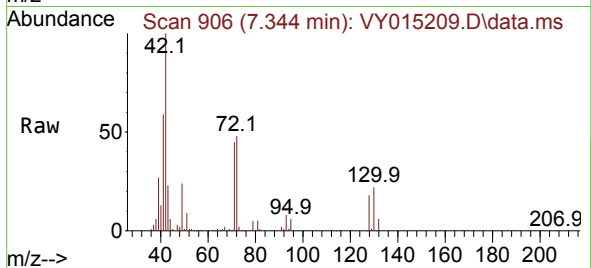
Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :



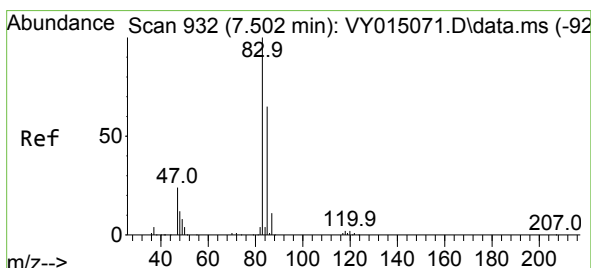
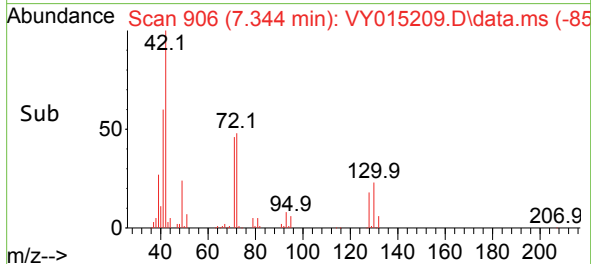
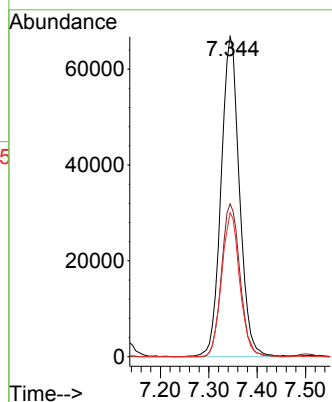
Tgt Ion: 42 Resp: 176179

Ion Ratio Lower Upper

42 100

72 48.1 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 52.666 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015209.D

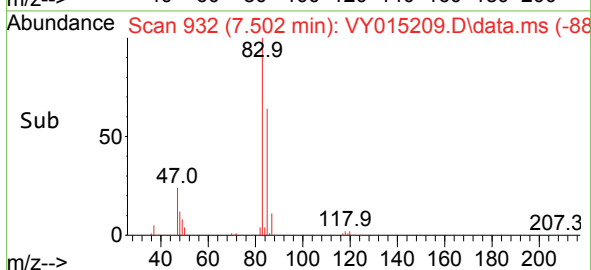
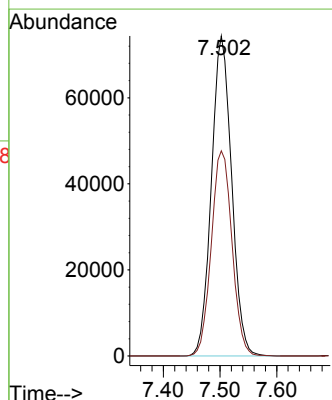
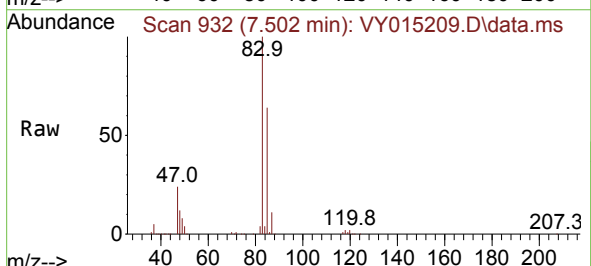
Acq: 18 Aug 2023 20:31

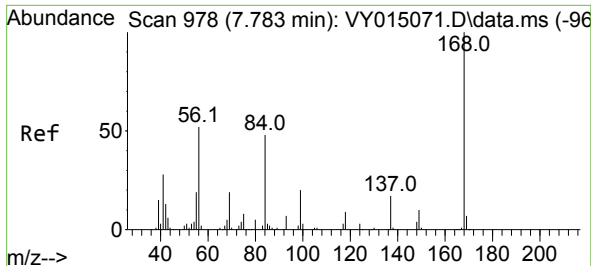
Tgt Ion: 83 Resp: 183825

Ion Ratio Lower Upper

83 100

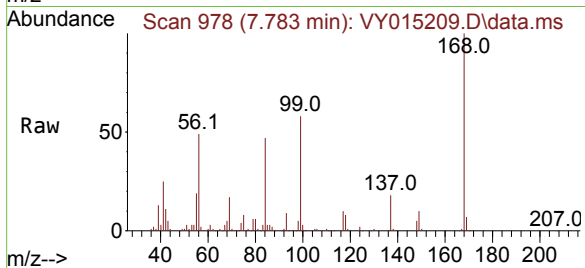
85 64.1 49.7 74.5



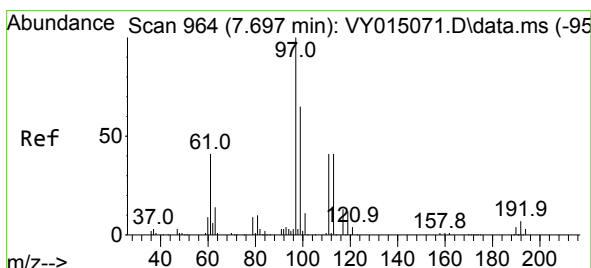
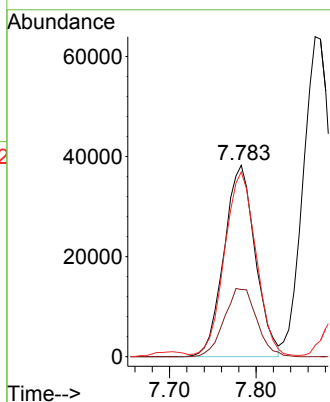
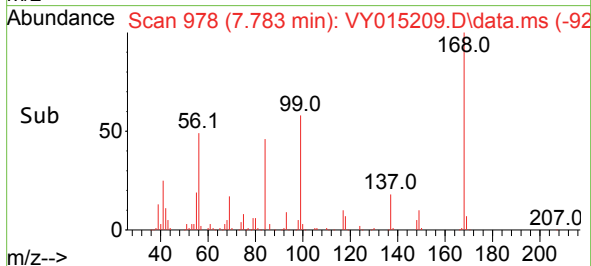


#31
Cyclohexane
Concen: 47.701 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

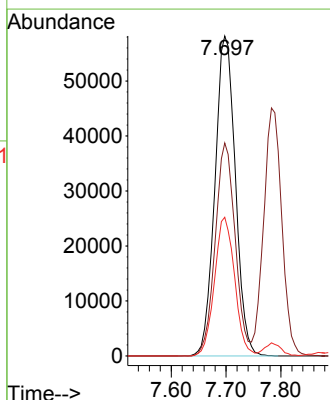
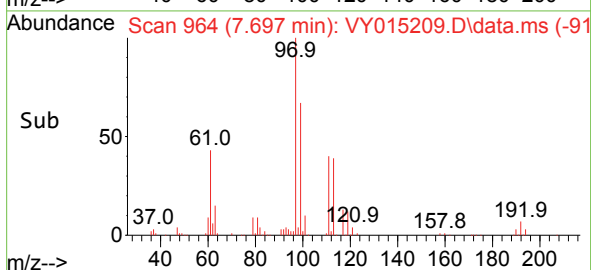
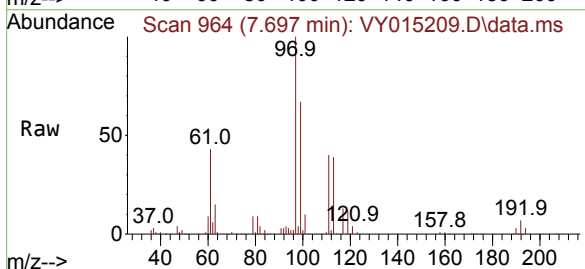


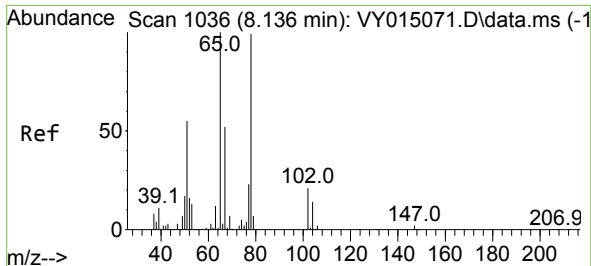
Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.8	41.6
84	94.2	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 50.864 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.8	76.2
61	42.7	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 51.175 ug/l

RT: 8.136 min Scan# 1107

Delta R.T. 0.000 min

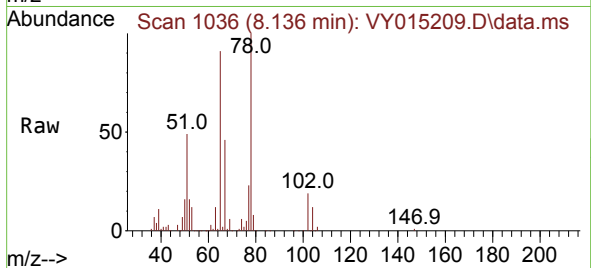
Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

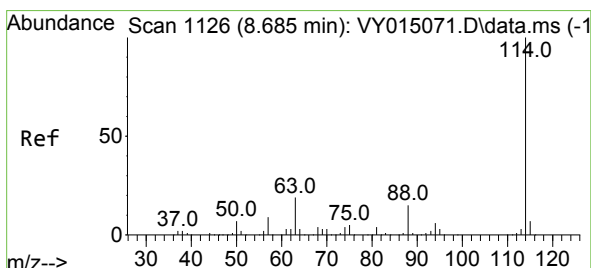
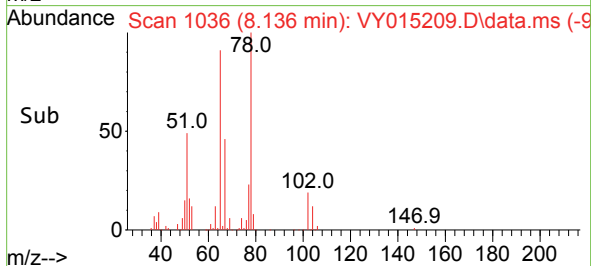
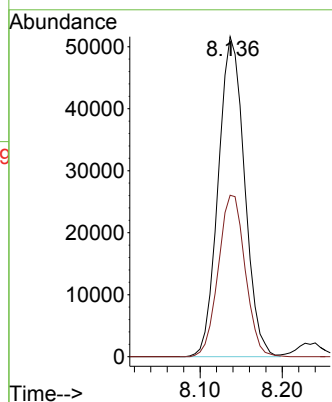


Tgt Ion: 65 Resp: 114764

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

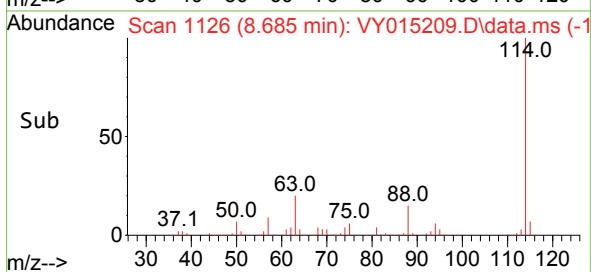
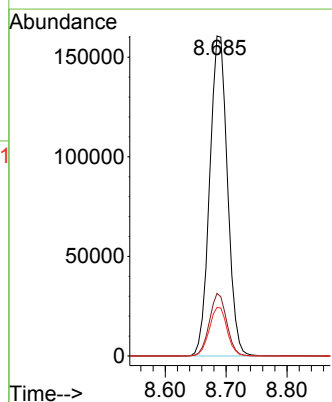
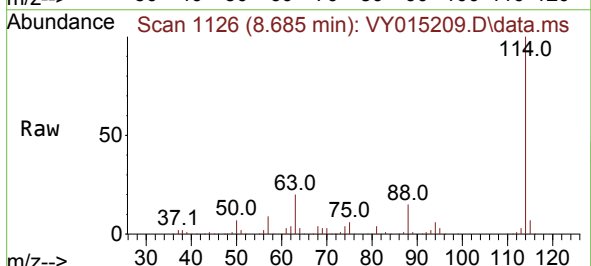
Tgt Ion: 114 Resp: 325075

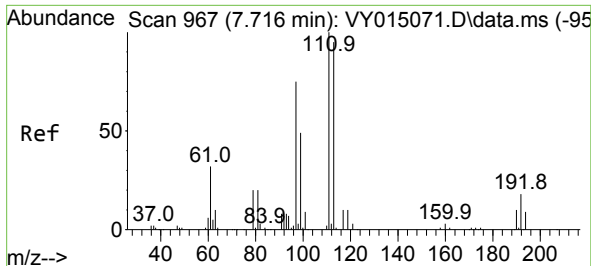
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.1 0.0 30.6

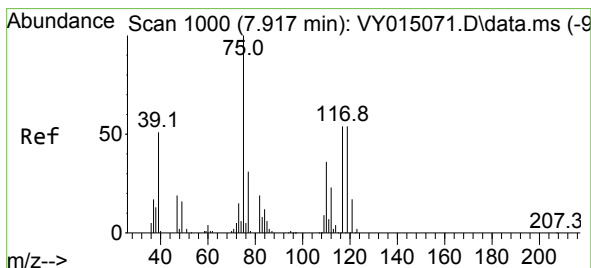
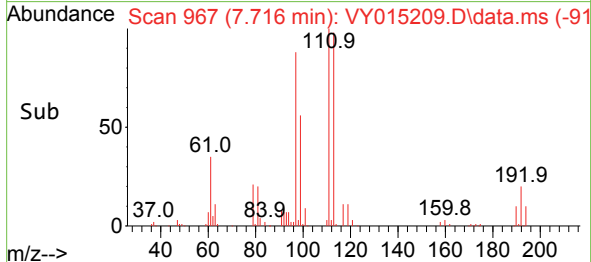
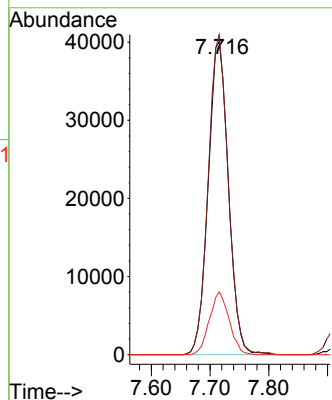
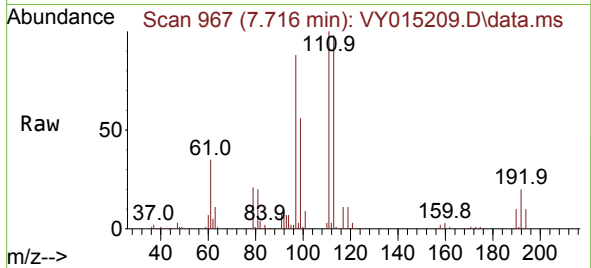




#35
Dibromofluoromethane
Concen: 45.855 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

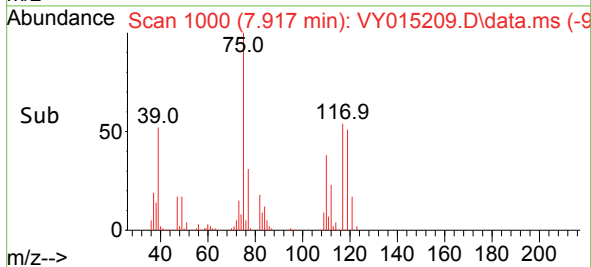
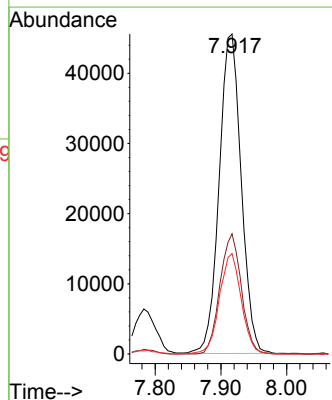
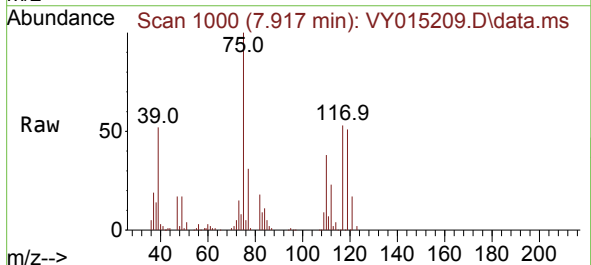
Instrument :
MSVOA_Y
ClientSampleId :

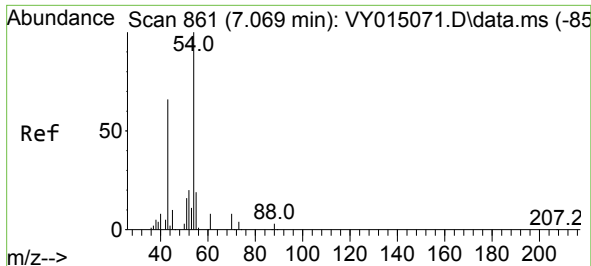
Tgt Ion:113 Resp: 95898
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.957 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 75 Resp: 106328
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.1 24.4 36.6

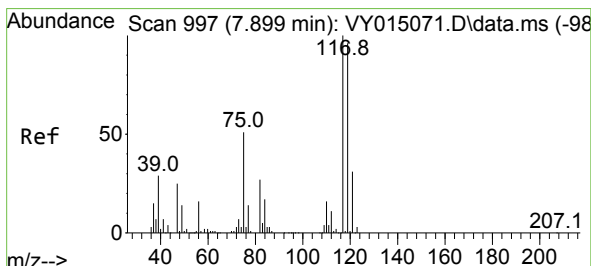
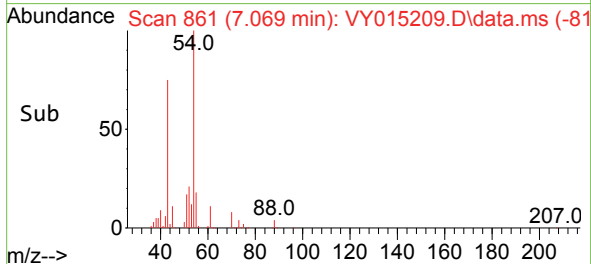
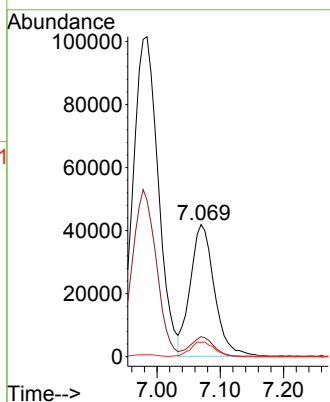
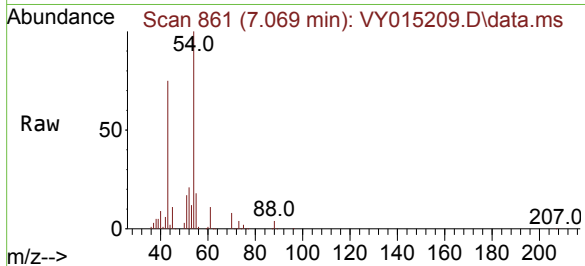




#37
Ethyl Acetate
Concen: 51.331 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

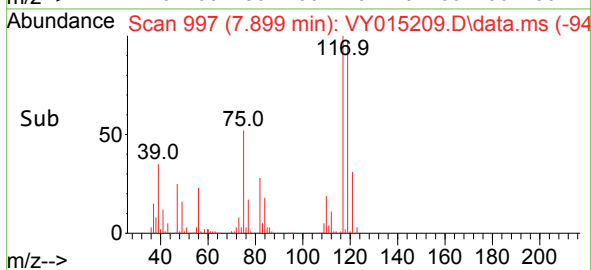
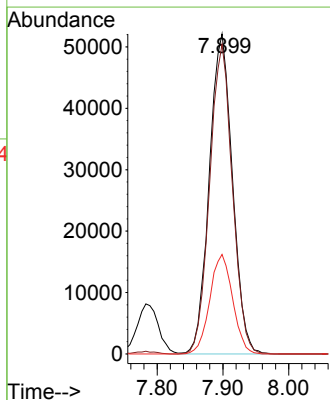
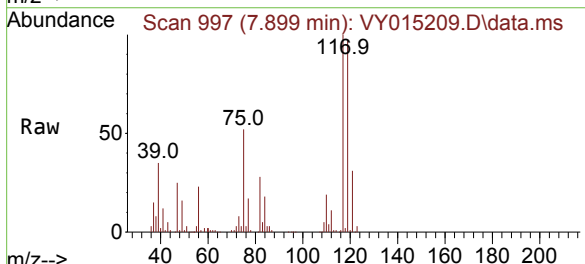
Instrument :
MSVOA_Y
ClientSampleId :

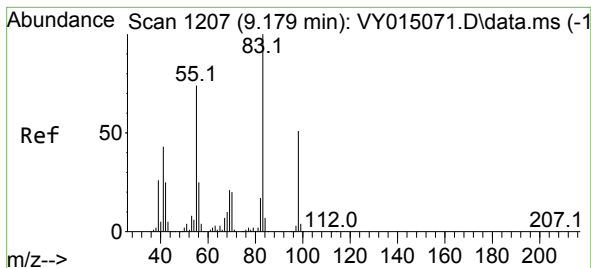
Tgt Ion: 43 Resp: 110702
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 46.669 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 117 Resp: 127790
Ion Ratio Lower Upper
117 100
119 96.8 76.4 114.6
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 44.224 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

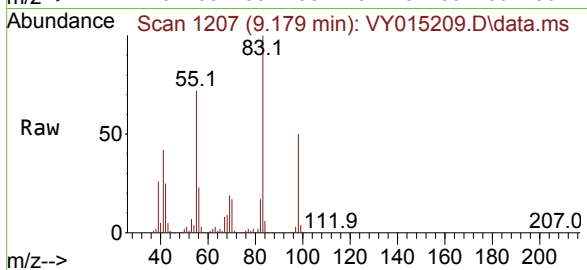
Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :



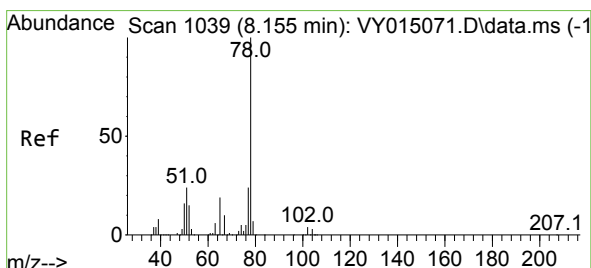
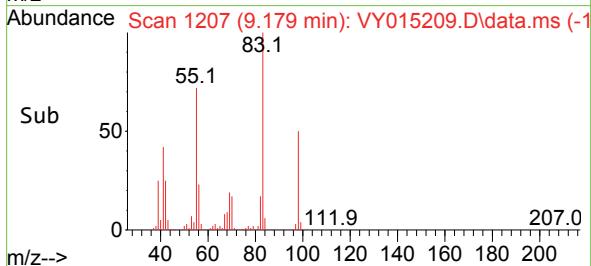
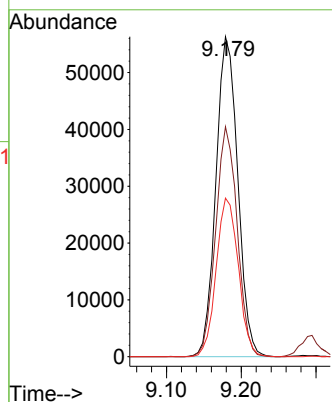
Tgt Ion: 83 Resp: 114704

Ion Ratio Lower Upper

83 100

55 71.9 63.0 94.4

98 49.5 37.4 56.2



#40

Benzene

Concen: 48.766 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015209.D

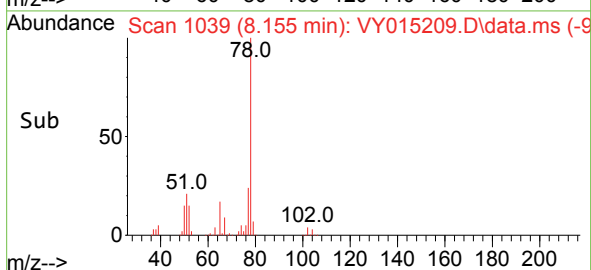
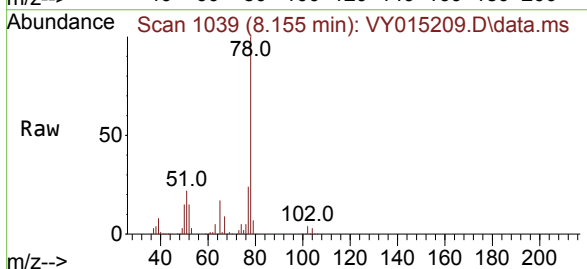
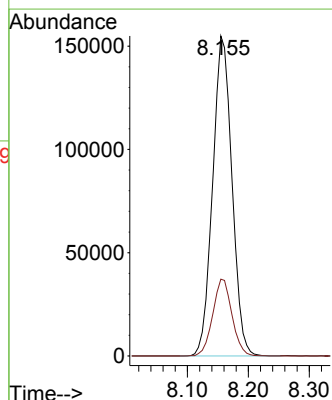
Acq: 18 Aug 2023 20:31

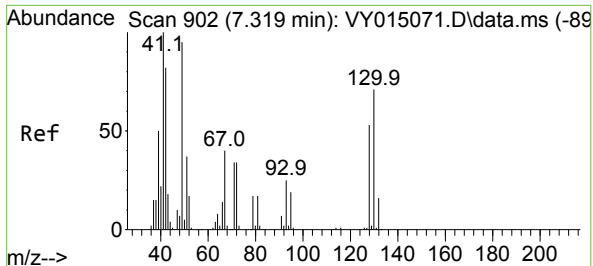
Tgt Ion: 78 Resp: 341116

Ion Ratio Lower Upper

78 100

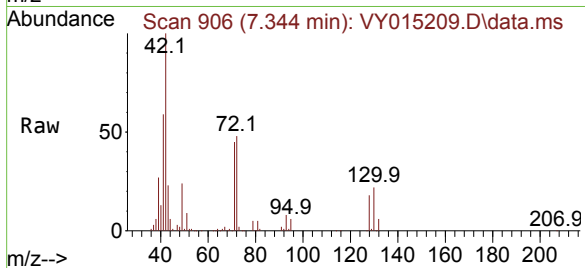
77 24.0 19.0 28.6



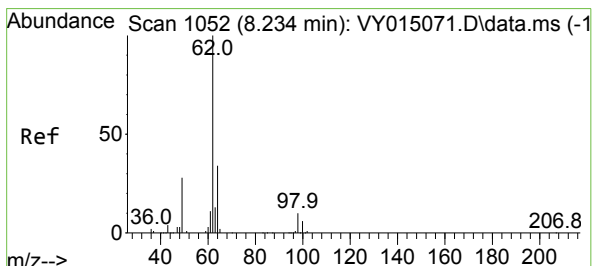
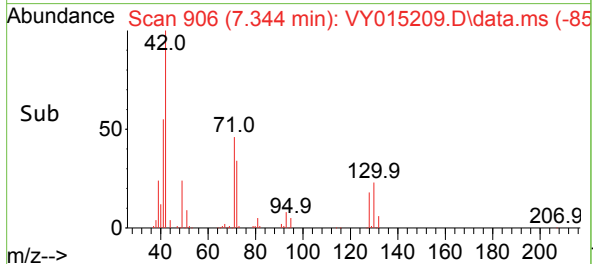
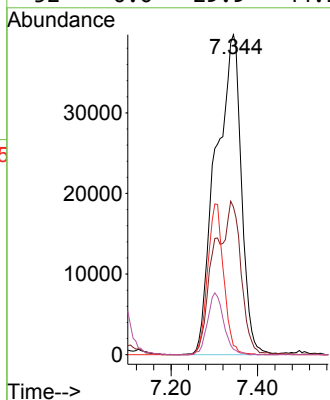


#41
Methacrylonitrile
Concen: 146.419 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

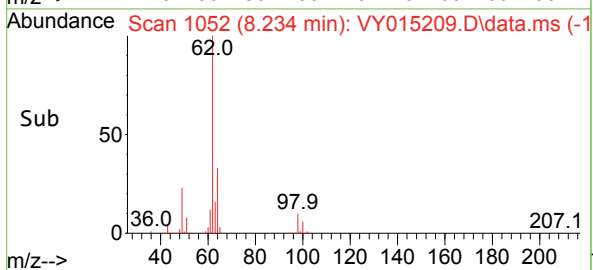
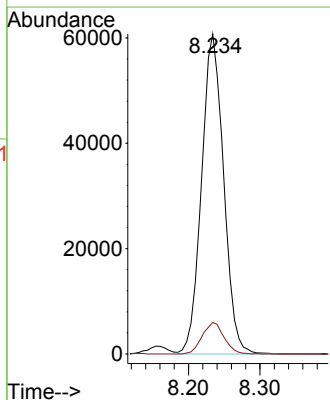
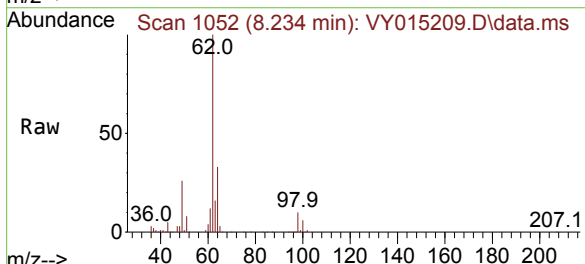


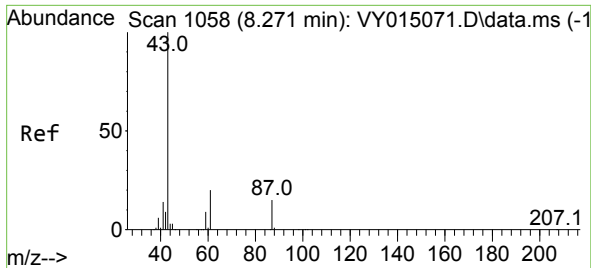
Tgt Ion: 41 Resp: 162827
Ion Ratio Lower Upper
41 100
39 28.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.185 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

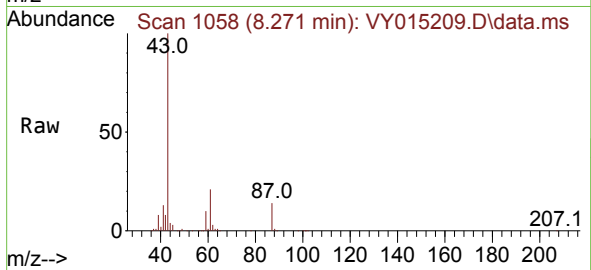
Tgt Ion: 62 Resp: 130031
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



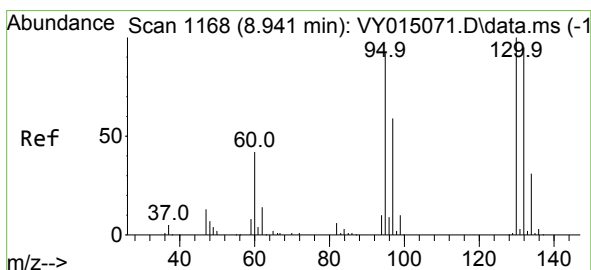
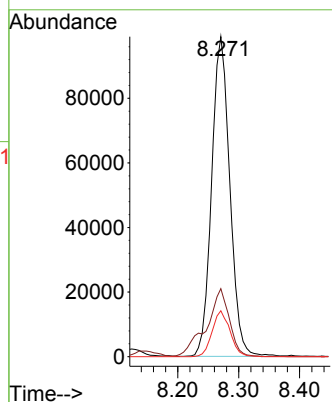
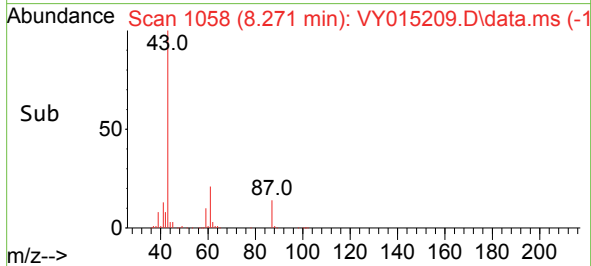


#43
Isopropyl Acetate
Concen: 52.340 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :

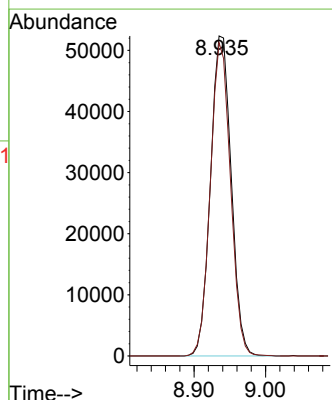
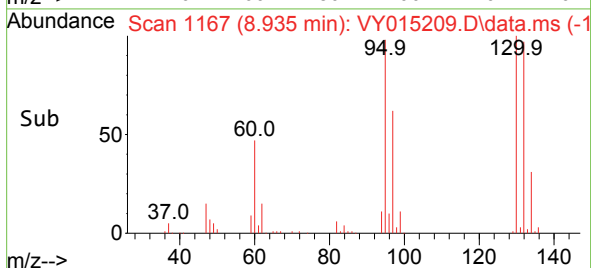
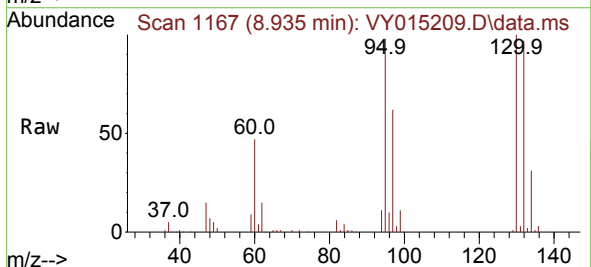


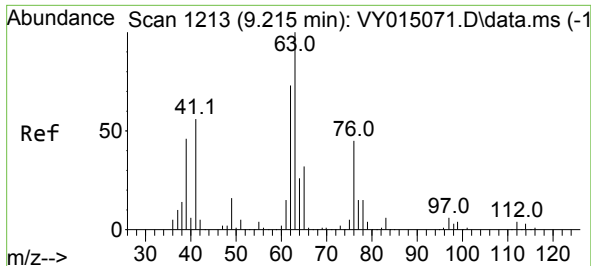
Tgt Ion: 43 Resp: 205555
Ion Ratio Lower Upper
43 100
61 26.9 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 52.223 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion:130 Resp: 105242
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.0

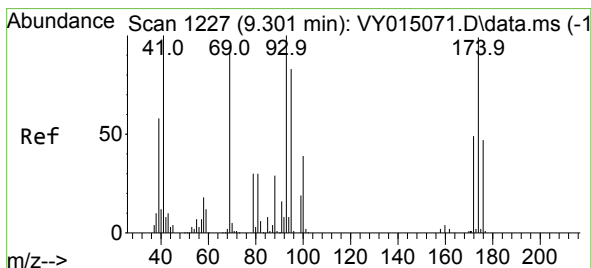
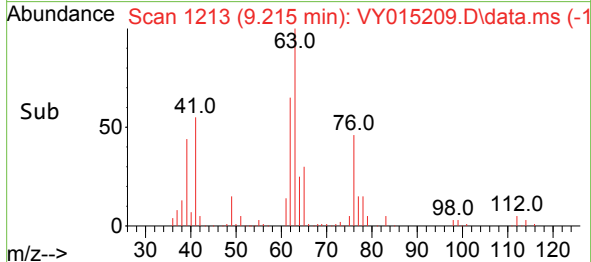
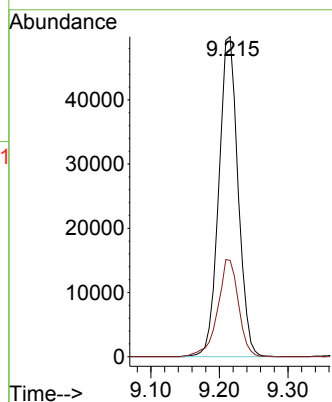
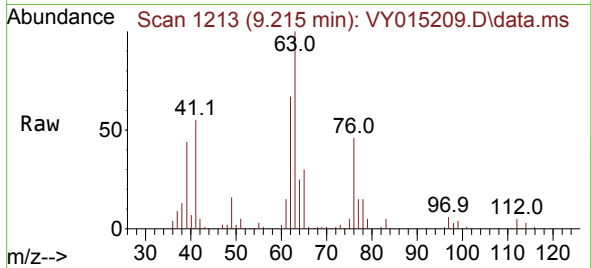




#45
1,2-Dichloropropane
Concen: 49.171 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

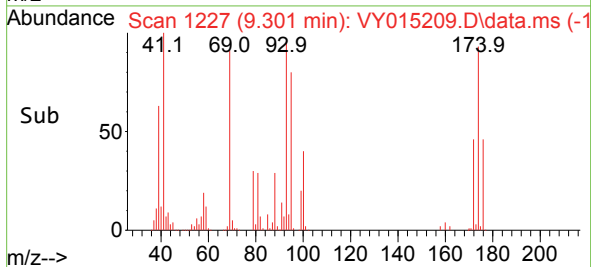
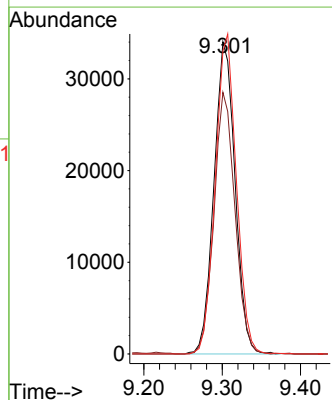
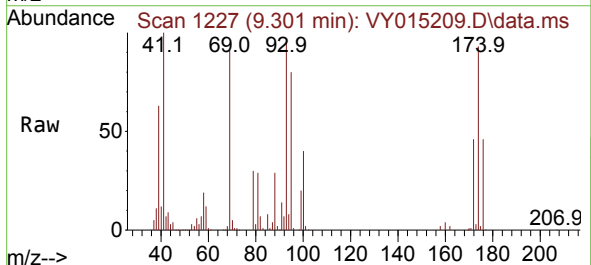
Instrument :
MSVOA_Y
ClientSampleId :

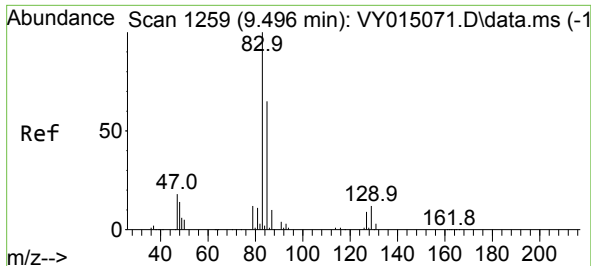
Tgt Ion: 63 Resp: 96990
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6



#46
Dibromomethane
Concen: 51.212 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 93 Resp: 63711
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 102.4 84.8 127.2

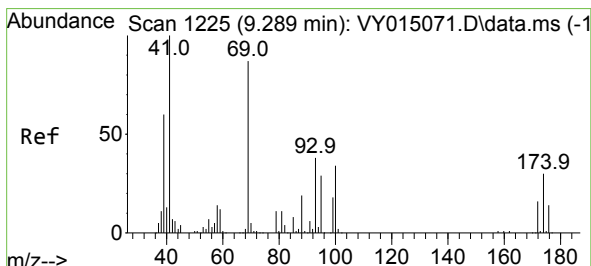
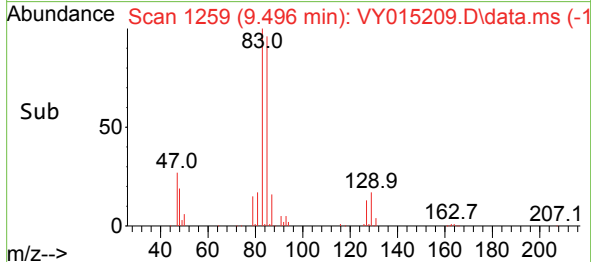
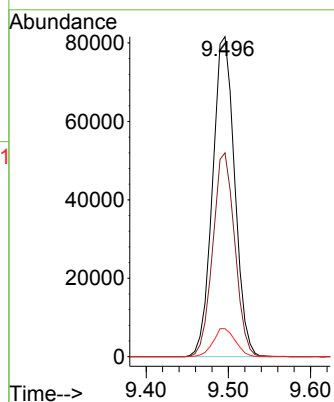
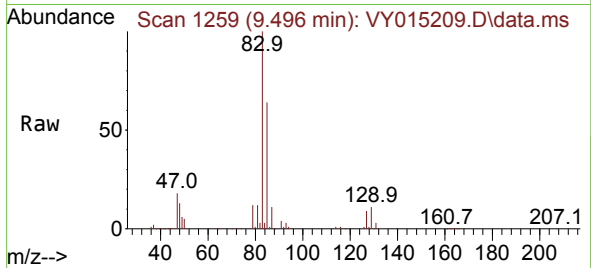




#47
Bromodichloromethane
Concen: 51.367 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

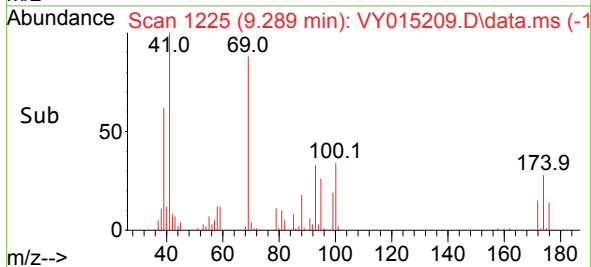
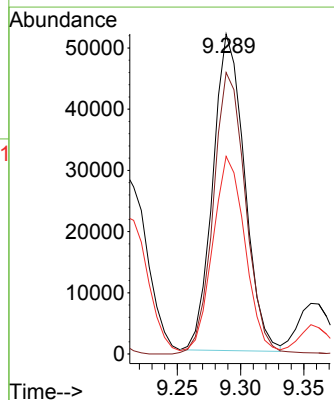
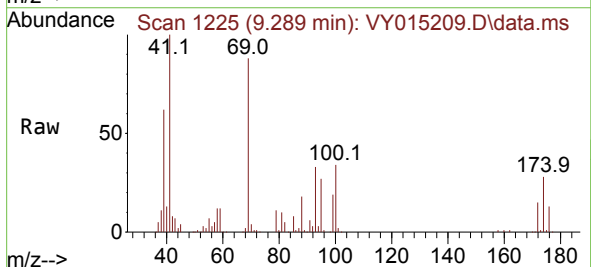
Instrument :
MSVOA_Y
ClientSampleId :

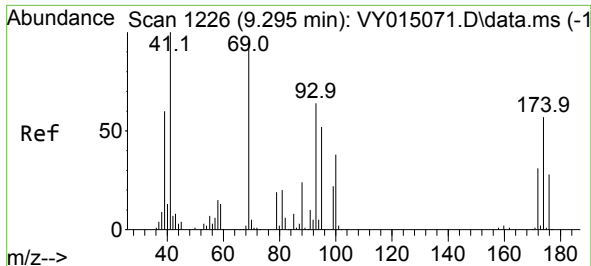
Tgt Ion: 83 Resp: 152490
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 53.562 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 41 Resp: 89986
Ion Ratio Lower Upper
41 100
69 90.8 64.5 96.7
39 64.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1094.747 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

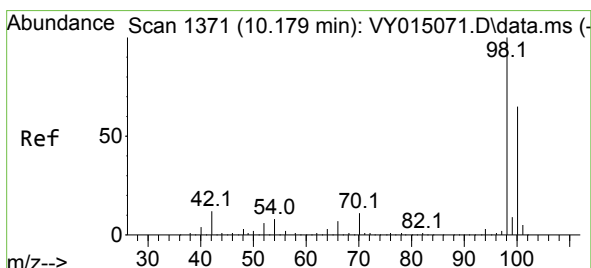
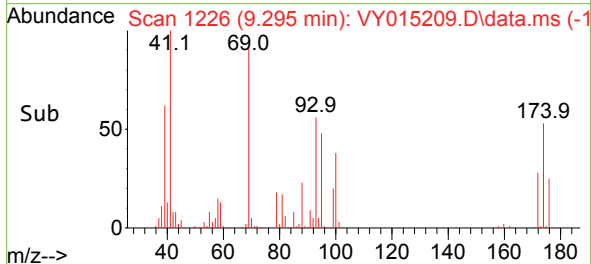
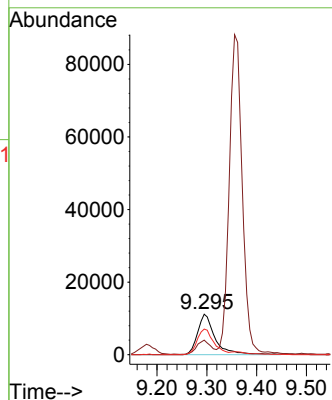
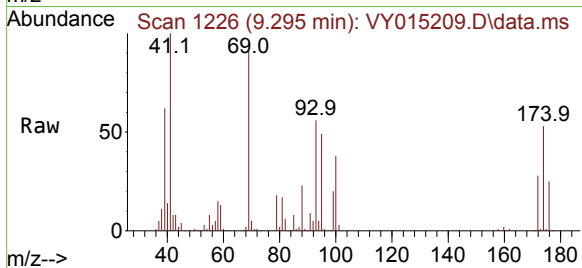
Tgt Ion: 88 Resp: 27234

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

58 59.9 30.9 46.3#



#50

Toluene-d8

Concen: 42.442 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015209.D

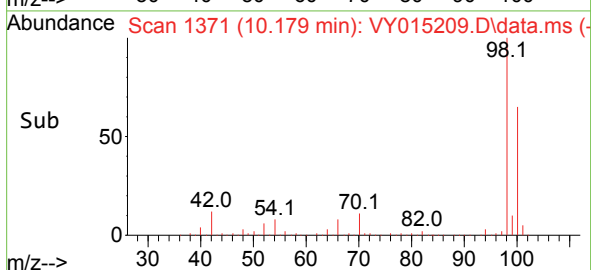
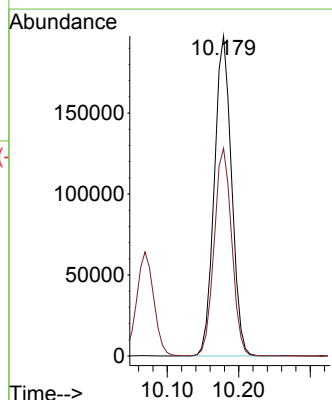
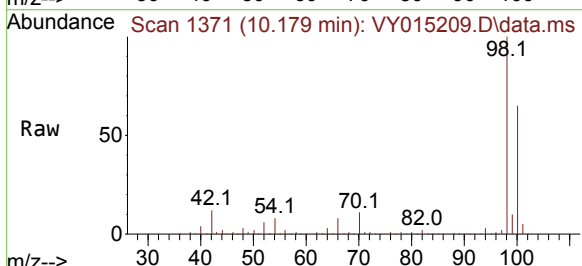
Acq: 18 Aug 2023 20:31

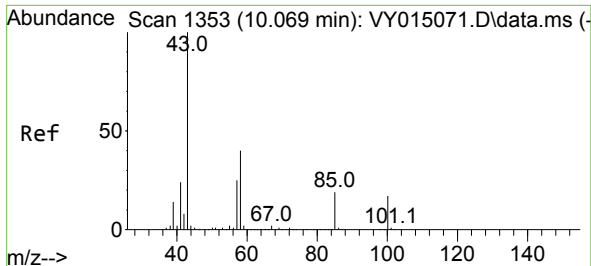
Tgt Ion: 98 Resp: 330413

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1

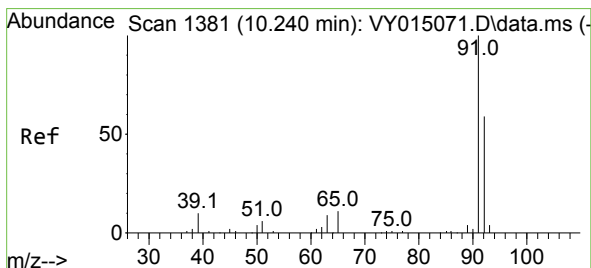
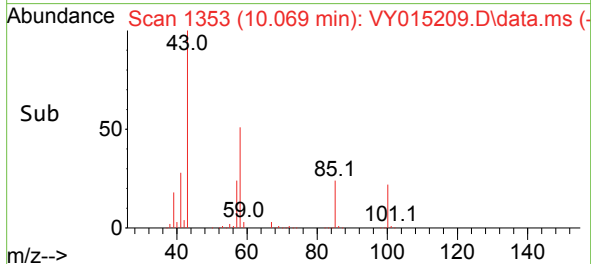
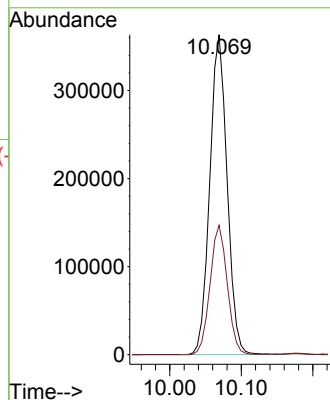
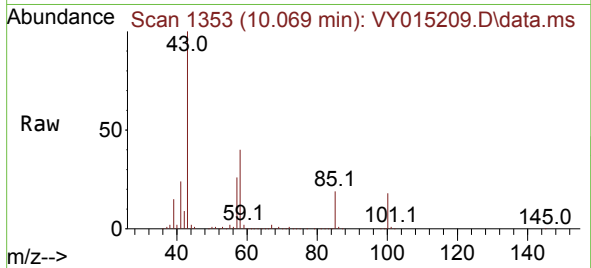




#51
4-Methyl-2-Pentanone
Concen: 268.371 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

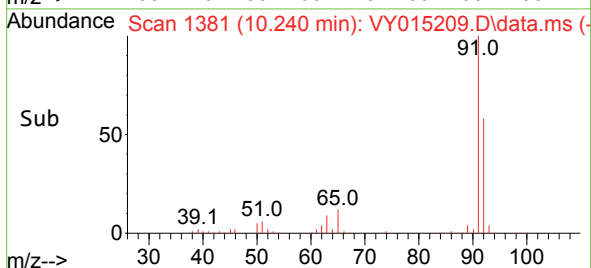
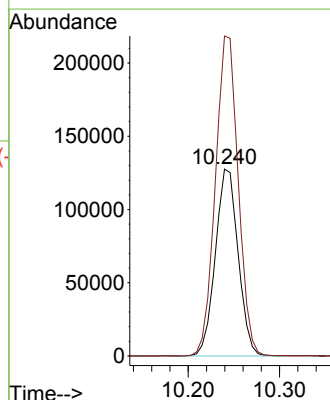
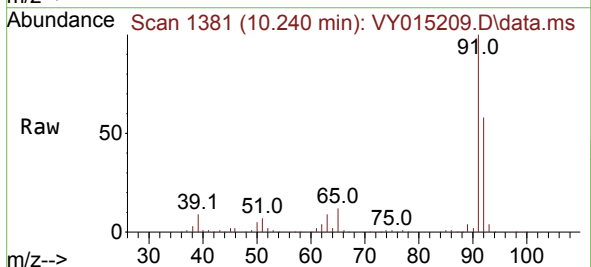
Instrument :
MSVOA_Y
ClientSampleId :

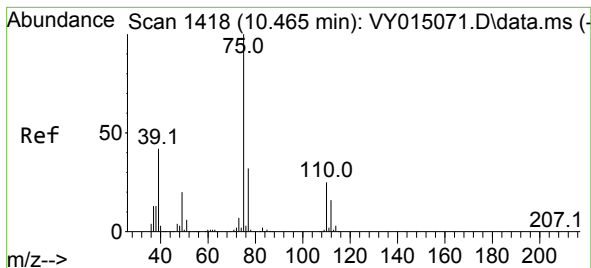
Tgt Ion: 43 Resp: 610844
Ion Ratio Lower Upper
43 100
58 40.4 29.0 43.6



#52
Toluene
Concen: 47.877 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 92 Resp: 220739
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6

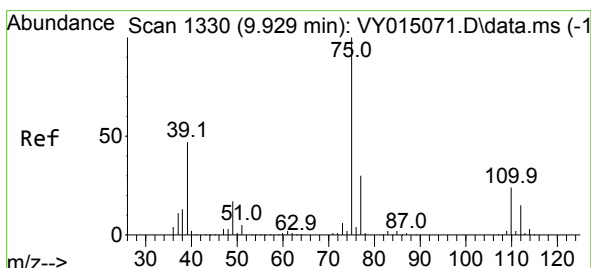
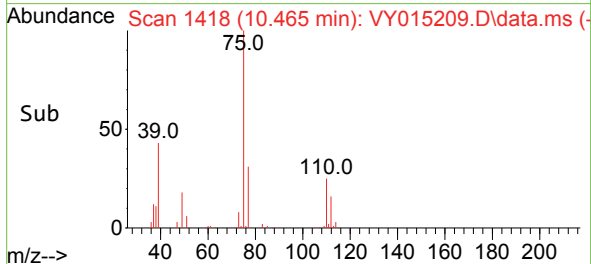
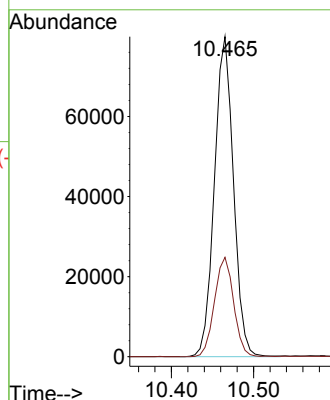
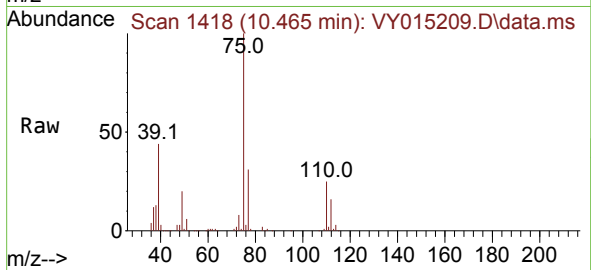




#53
t-1,3-Dichloropropene
Concen: 41.242 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

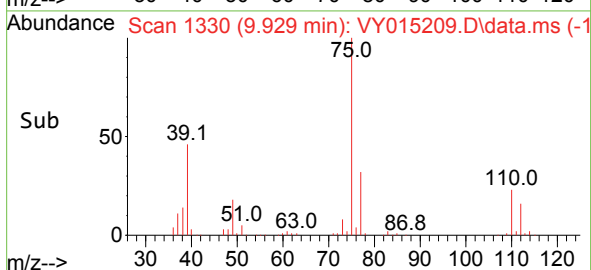
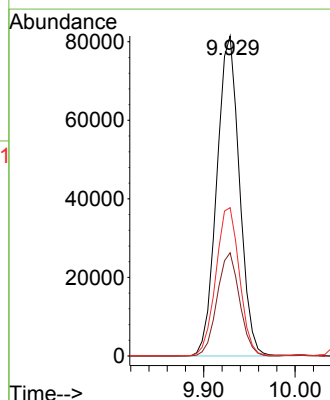
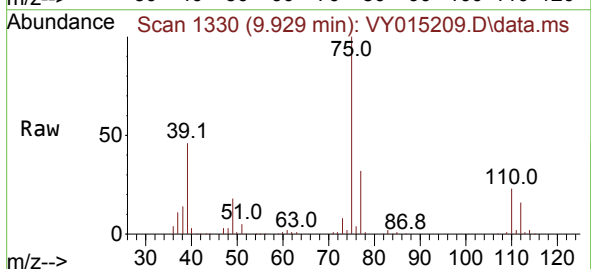
Instrument :
MSVOA_Y
ClientSampleId :

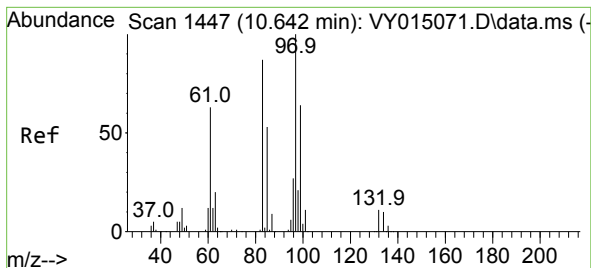
Tgt Ion: 75 Resp: 128669
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 42.782 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 75 Resp: 140571
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 46.3 42.2 63.4

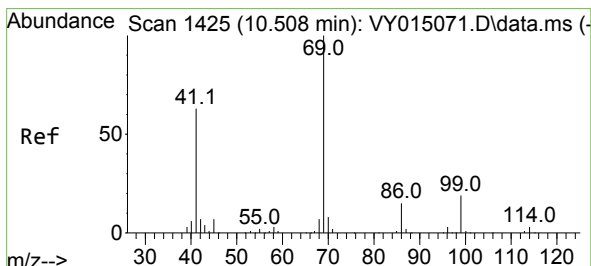
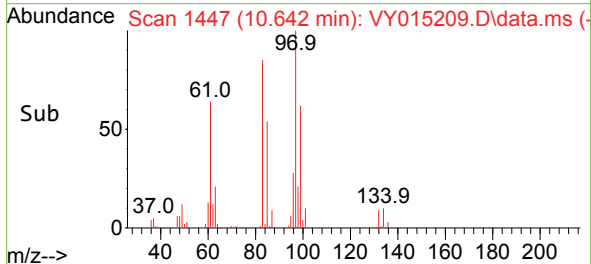
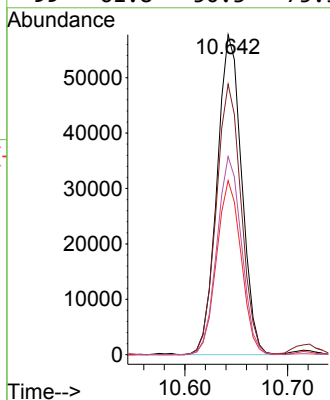
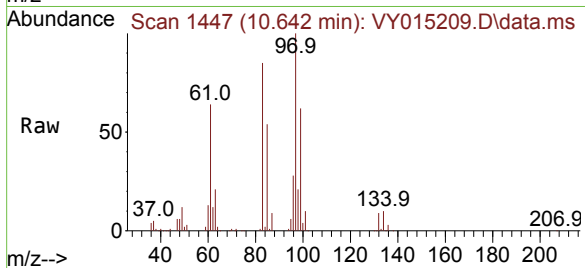




#55
1,1,2-Trichloroethane
Concen: 50.830 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

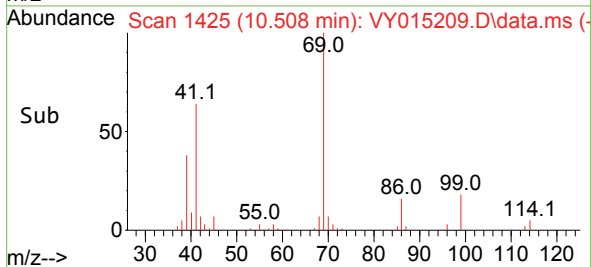
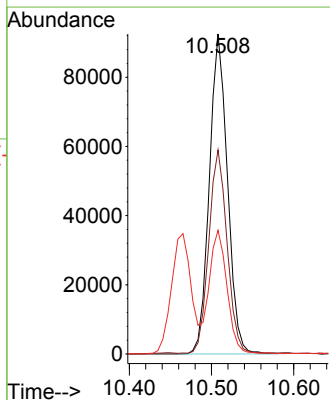
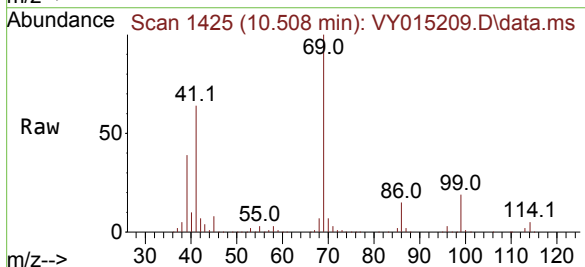
Instrument :
MSVOA_Y
ClientSampleId :

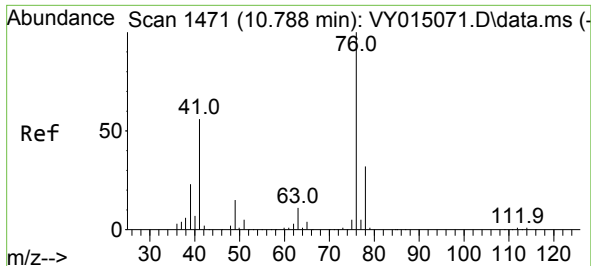
Tgt Ion:	97	Resp:	96151
Ion	Ratio	Lower	Upper
97	100		
83	84.5	72.0	108.0
85	54.4	45.4	68.0
99	61.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 51.213 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion:	69	Resp:	141775
Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.6	86.4
39	38.8	34.1	51.1





#57

1,3-Dichloropropane

Concen: 50.737 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

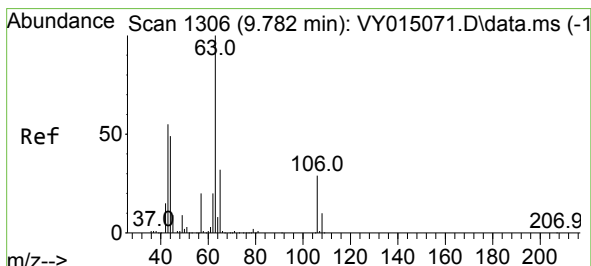
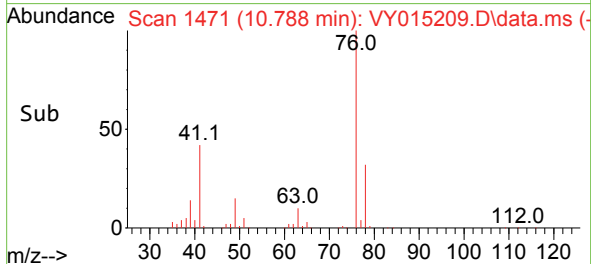
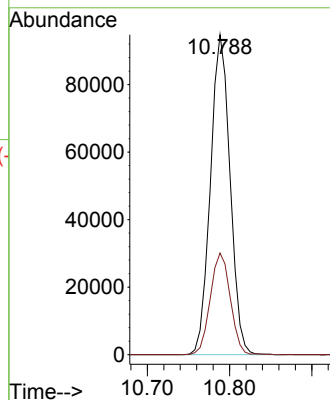
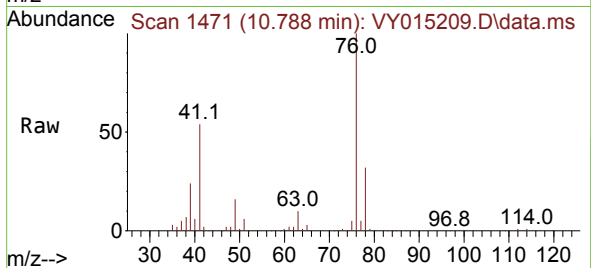
ClientSampleId :

Tgt Ion: 76 Resp: 156801

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 238.332 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015209.D

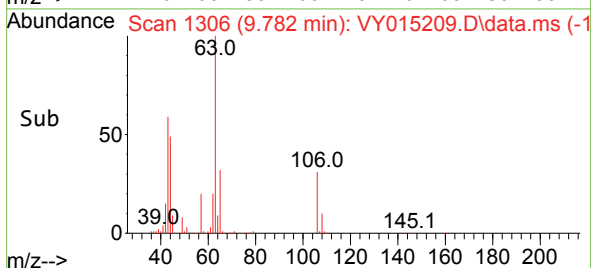
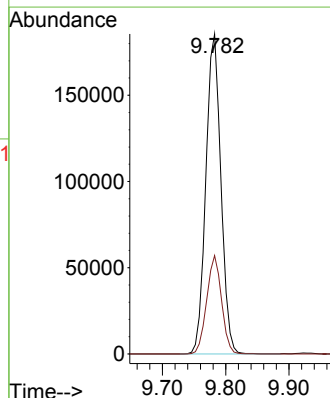
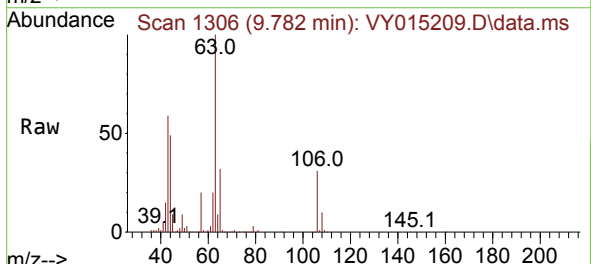
Acq: 18 Aug 2023 20:31

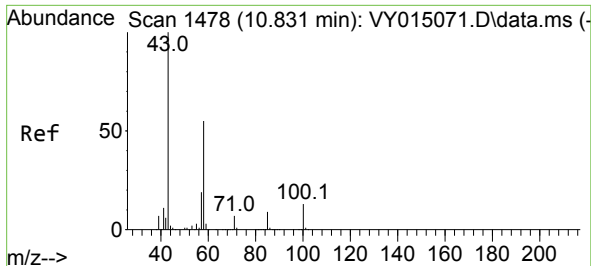
Tgt Ion: 63 Resp: 307050

Ion Ratio Lower Upper

63 100

106 30.3 21.2 31.8

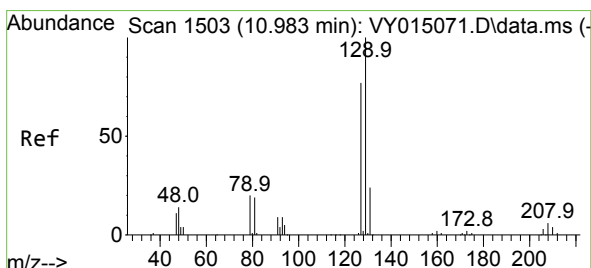
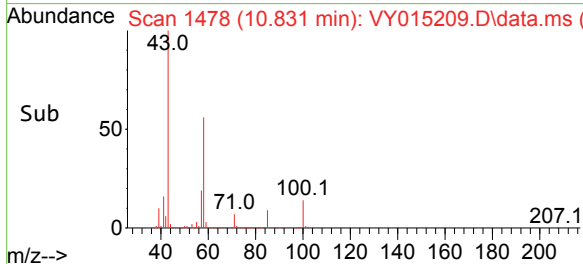
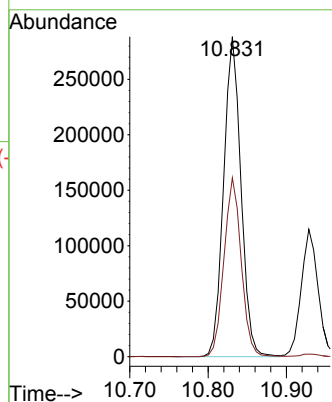
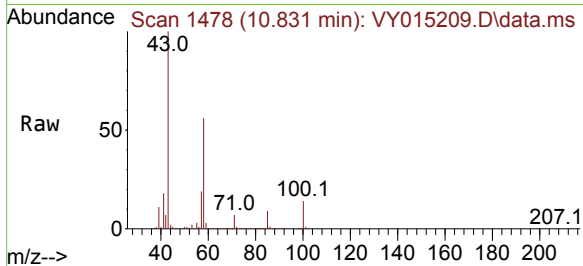




#59
2-Hexanone
Concen: 263.438 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

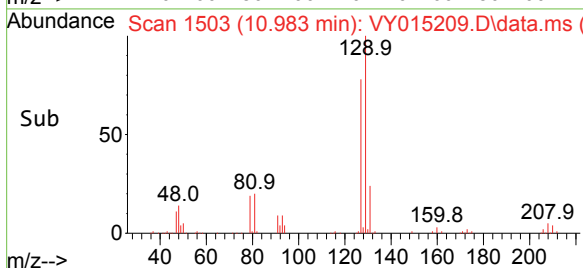
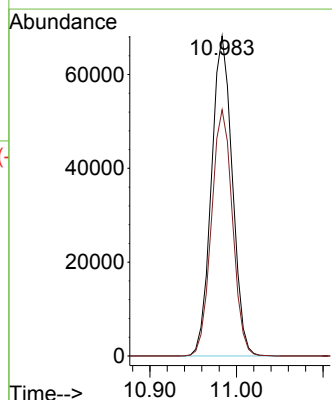
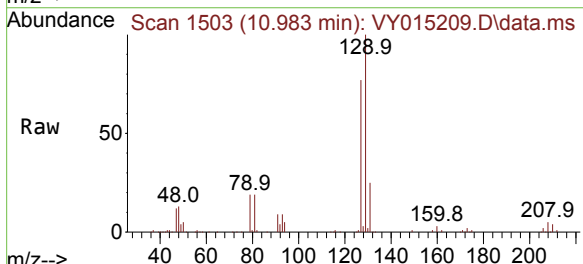
Instrument :
MSVOA_Y
ClientSampleId :

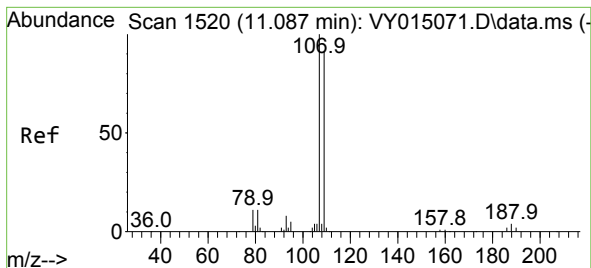
Tgt Ion: 43 Resp: 443779
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 50.683 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 129 Resp: 114363
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

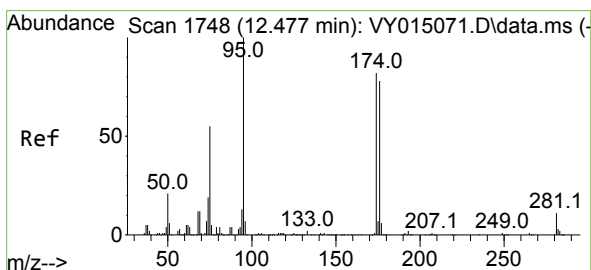
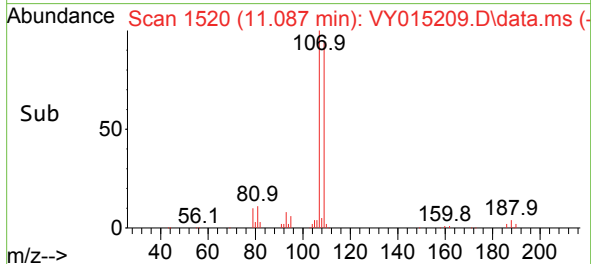
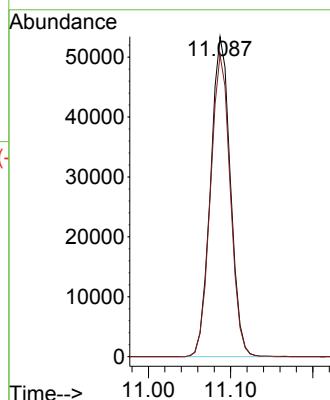
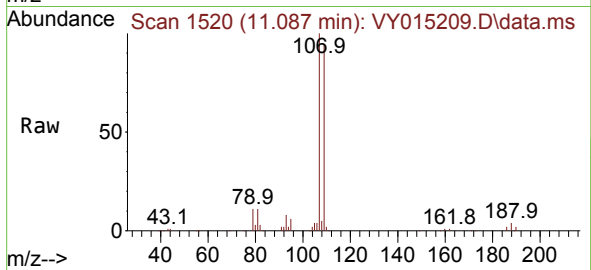




#61
1,2-Dibromoethane
Concen: 49.716 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

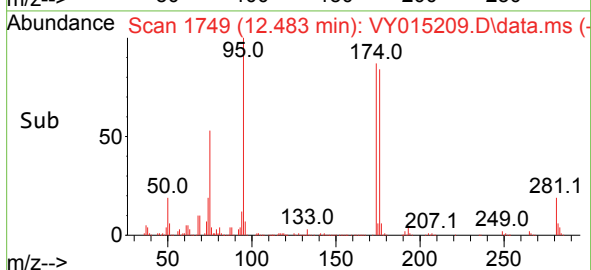
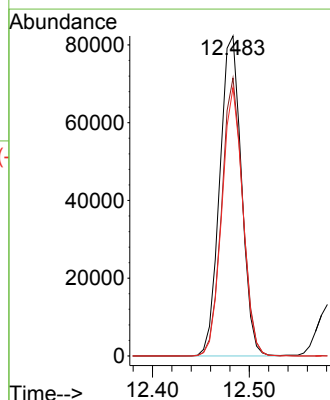
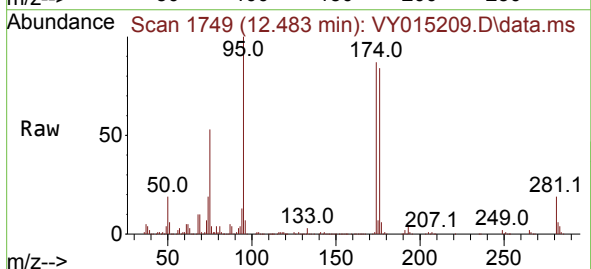
Instrument :
MSVOA_Y
ClientSampleId :

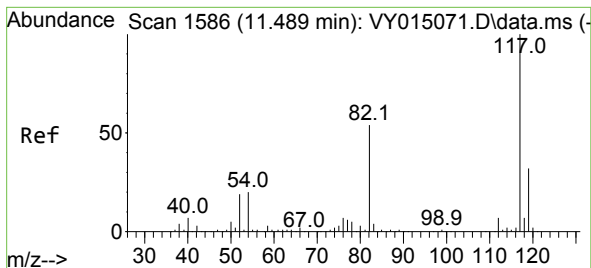
Tgt Ion:107 Resp: 89338
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 95 Resp: 128077
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.1 0.0 173.8

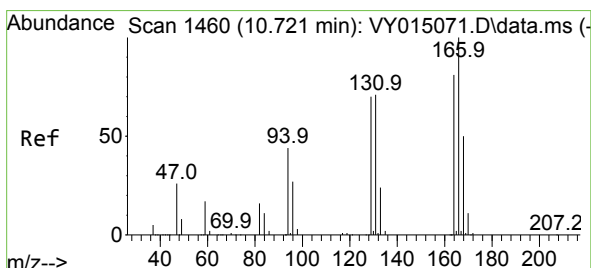
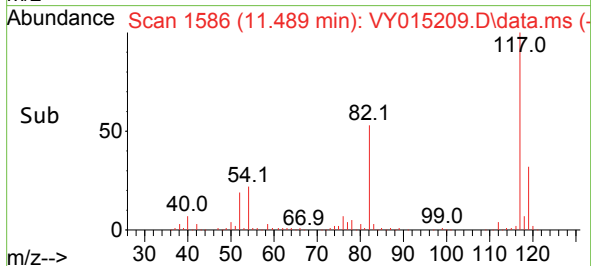
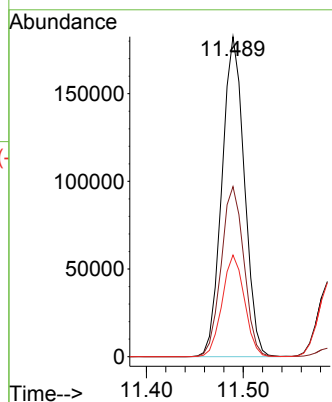
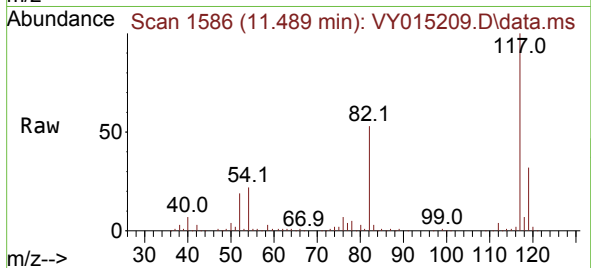




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

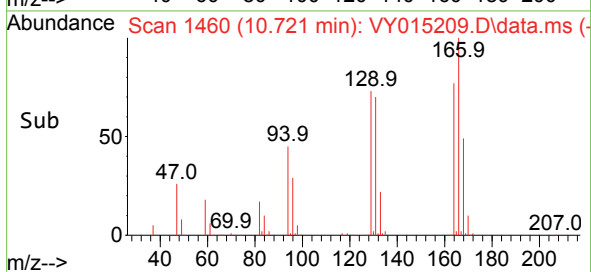
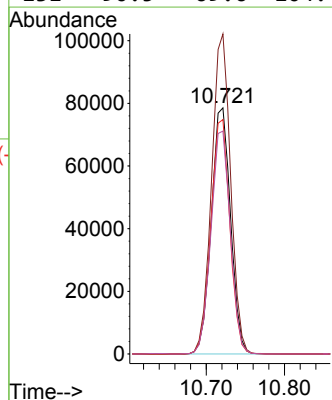
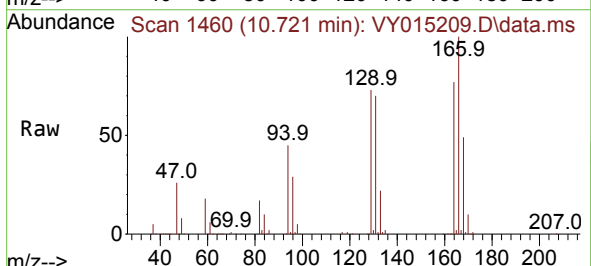
Instrument :
MSVOA_Y
ClientSampleId :

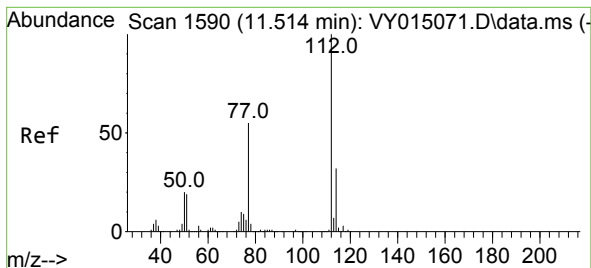
Tgt Ion:117 Resp: 293291
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 65.694 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion:164 Resp: 134235
Ion Ratio Lower Upper
164 100
166 130.0 103.0 154.6
129 95.2 77.2 115.8
131 90.5 69.6 104.4





#65

Chlorobenzene

Concen: 48.246 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

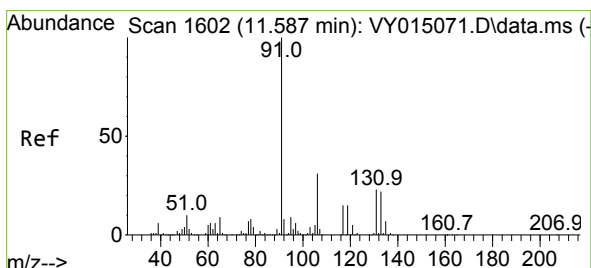
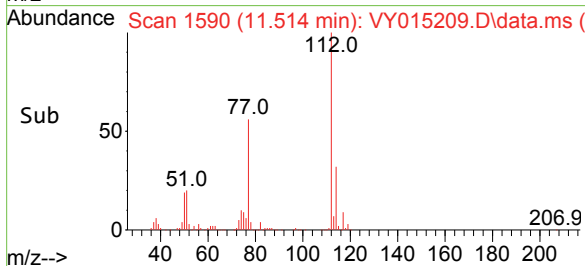
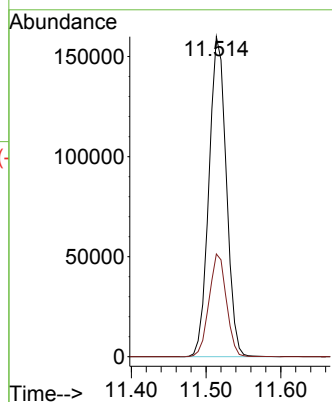
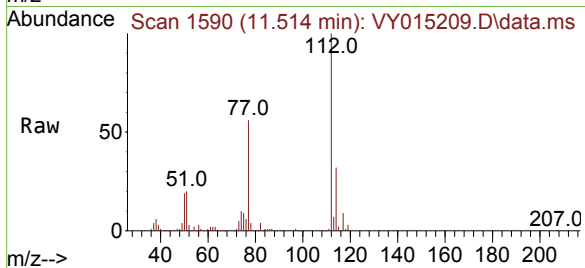
ClientSampleId :

Tgt Ion:112 Resp: 257816

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.942 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

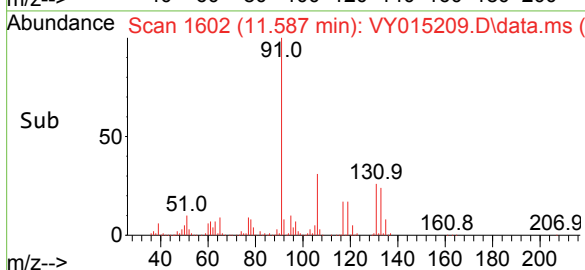
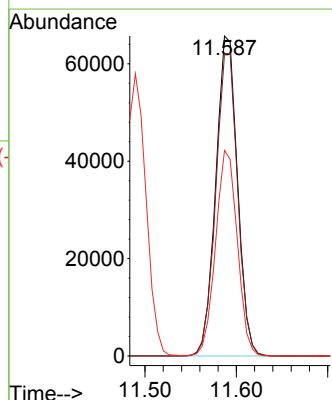
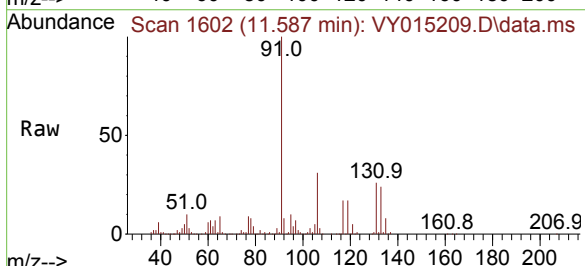
Tgt Ion:131 Resp: 108287

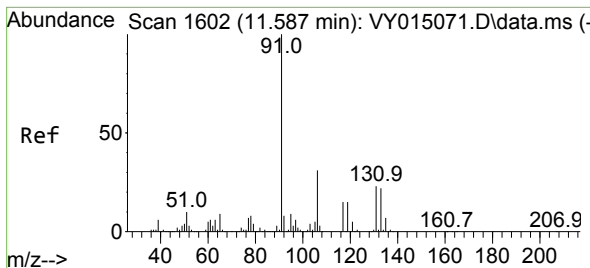
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 64.4 31.6 94.7





#67

Ethyl Benzene

Concen: 46.586 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

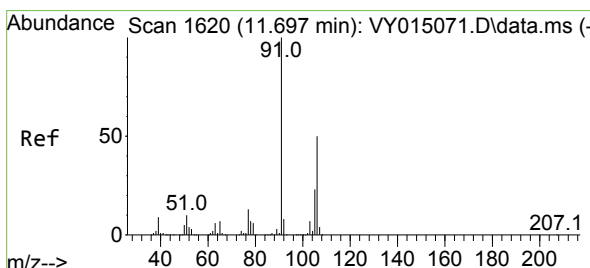
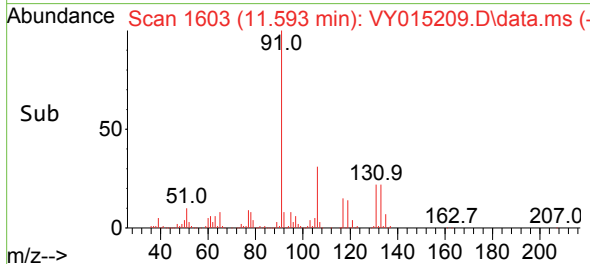
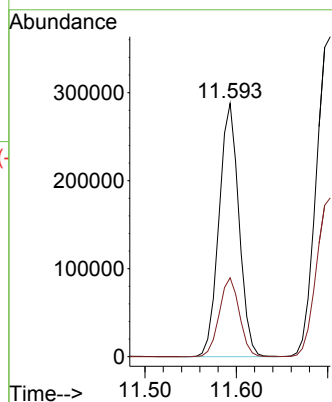
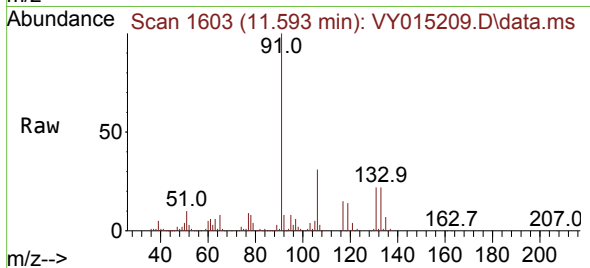
ClientSampleId :

Tgt Ion: 91 Resp: 436175

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 93.721 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015209.D

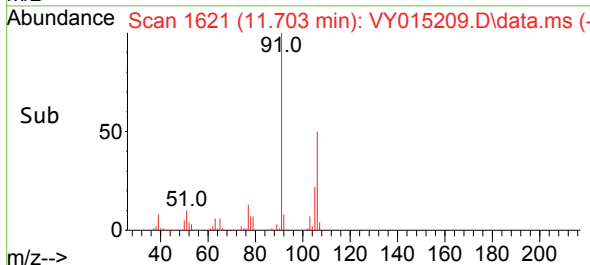
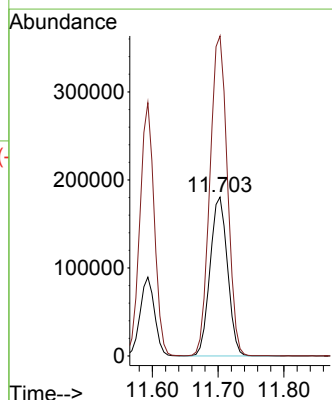
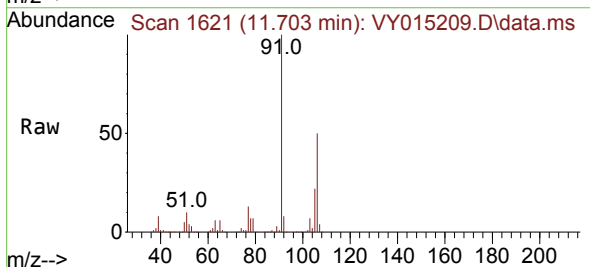
Acq: 18 Aug 2023 20:31

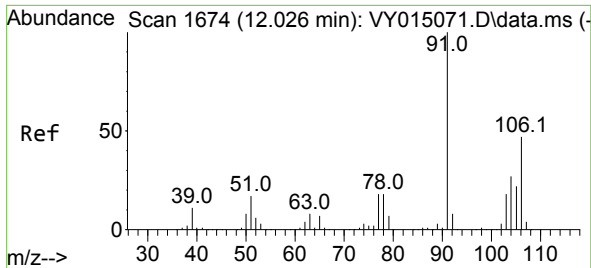
Tgt Ion:106 Resp: 333274

Ion Ratio Lower Upper

106 100

91 201.9 166.1 249.1

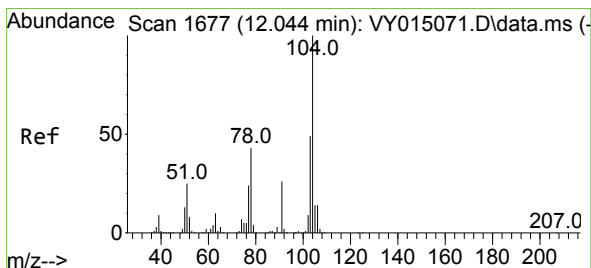
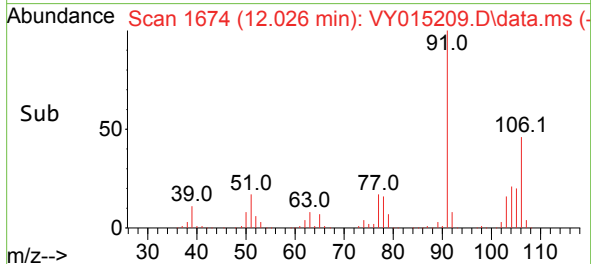
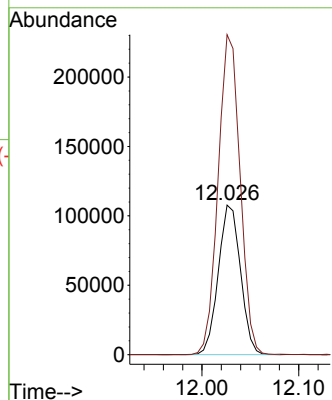
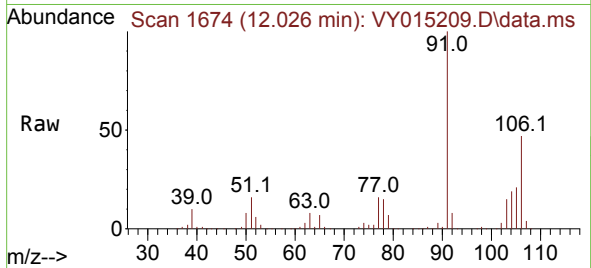




#69
o-Xylene
Concen: 48.440 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

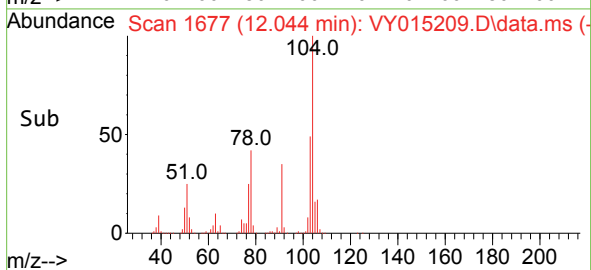
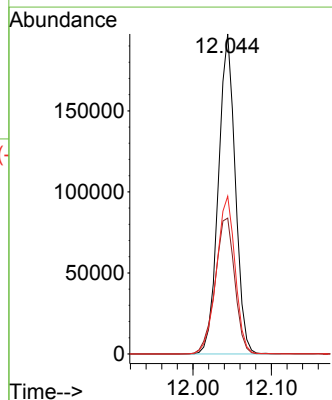
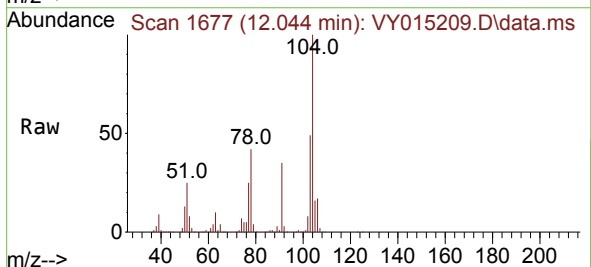
Instrument :
MSVOA_Y
ClientSampleId :

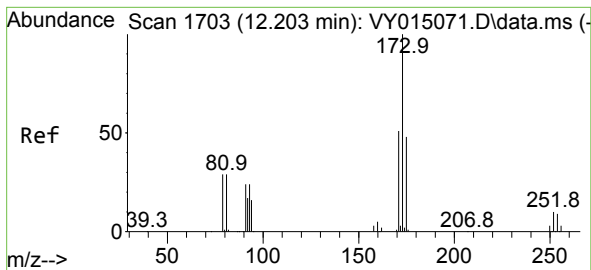
Tgt Ion:106 Resp: 171598
Ion Ratio Lower Upper
106 100
91 212.2 108.1 324.3



#70
Styrene
Concen: 48.317 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion:104 Resp: 296237
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 51.292 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

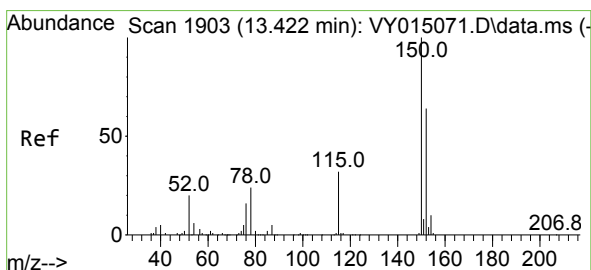
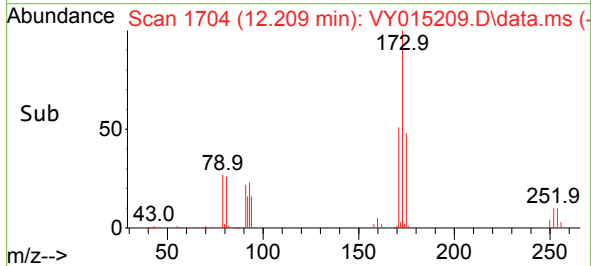
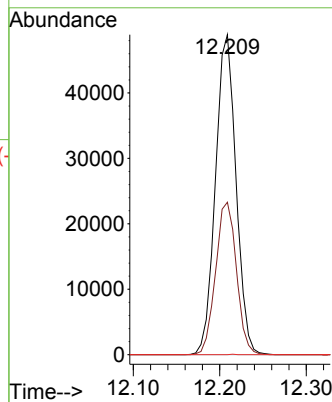
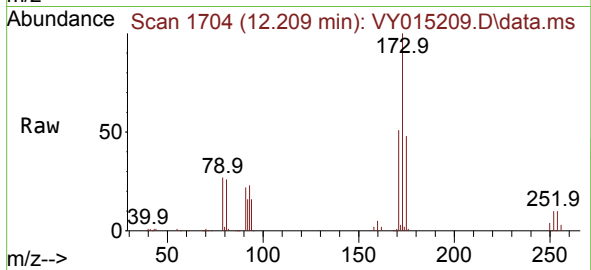
Tgt Ion:173 Resp: 80621

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

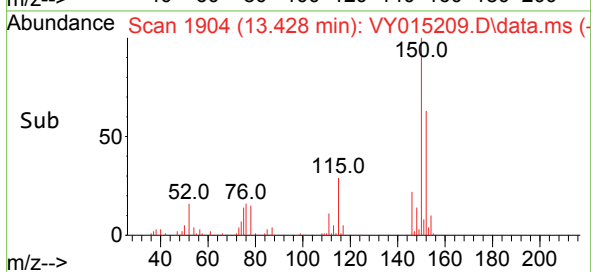
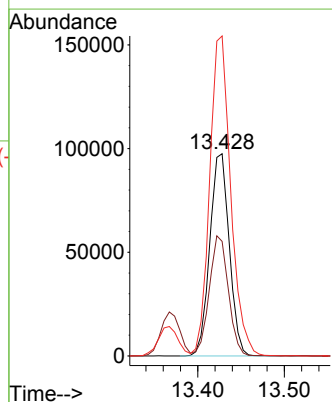
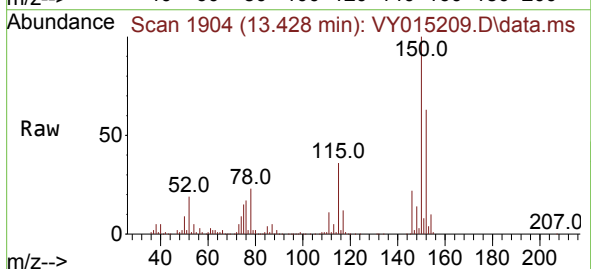
Tgt Ion:152 Resp: 152353

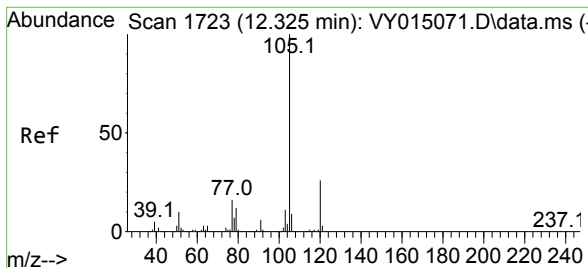
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 171.0 0.0 348.8





#73

Isopropylbenzene

Concen: 46.322 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

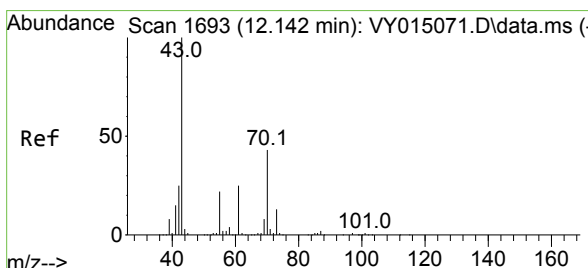
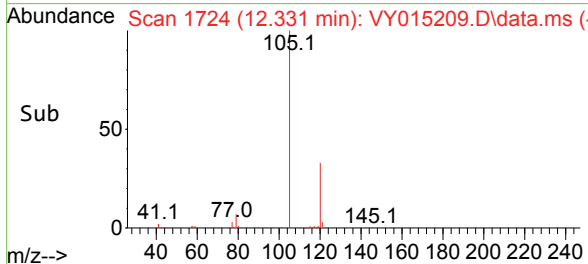
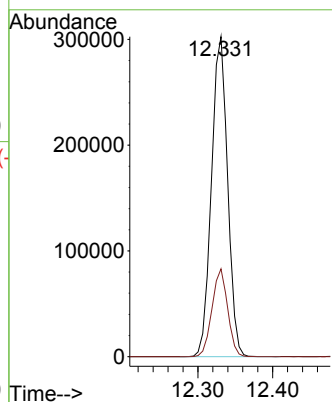
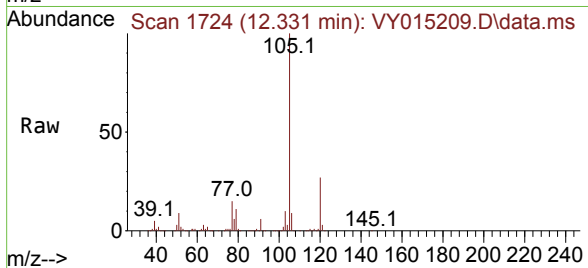
ClientSampleId :

Tgt Ion:105 Resp: 453808

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 49.292 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Tgt Ion: 43 Resp: 174351

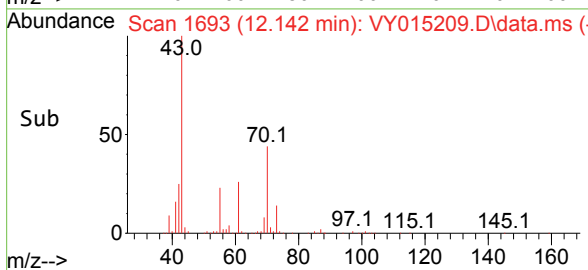
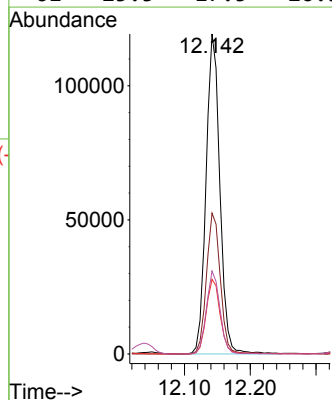
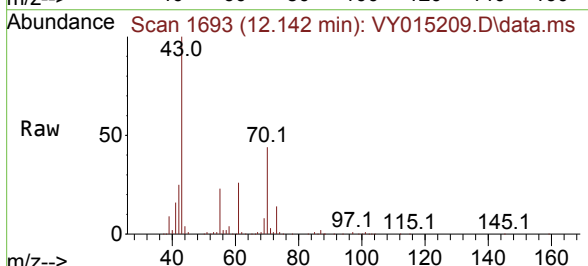
Ion Ratio Lower Upper

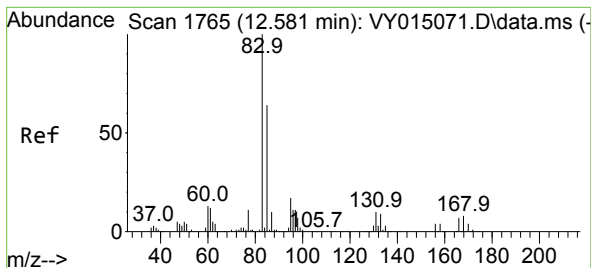
43 100

70 44.0 29.7 44.5

55 24.1 18.3 27.5

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.728 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

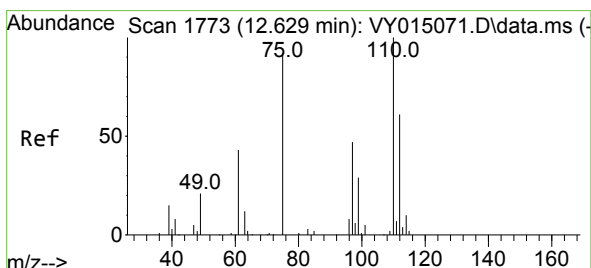
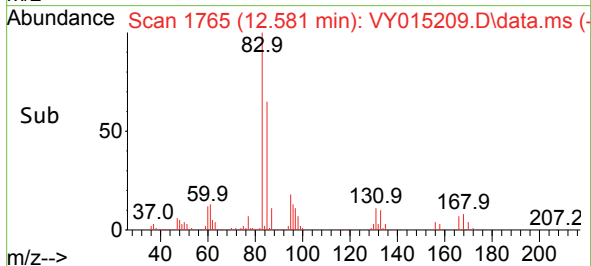
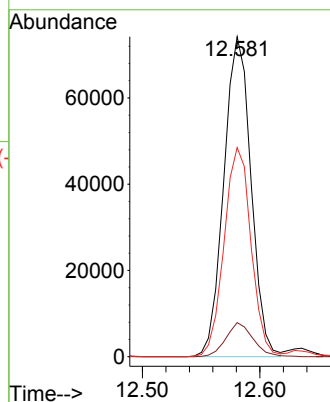
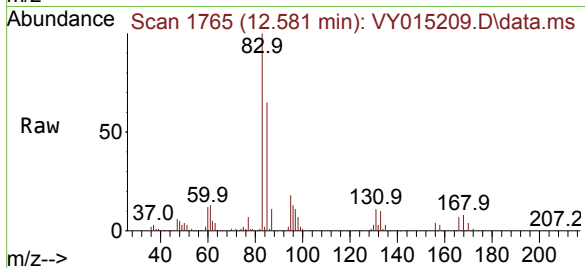
Tgt Ion: 83 Resp: 119228

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 82.732 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015209.D

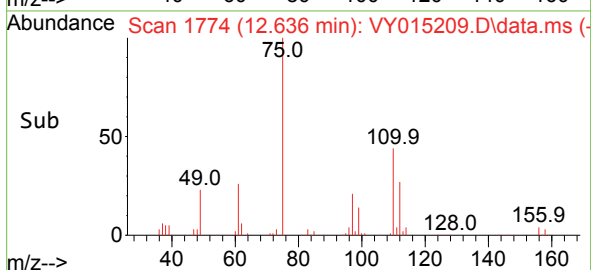
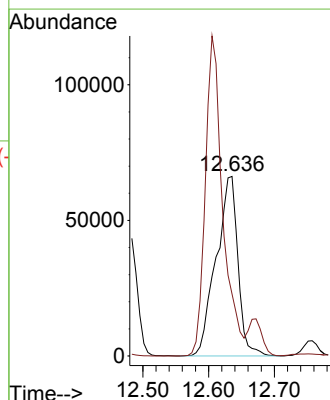
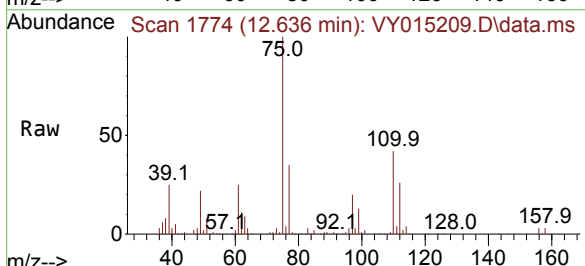
Acq: 18 Aug 2023 20:31

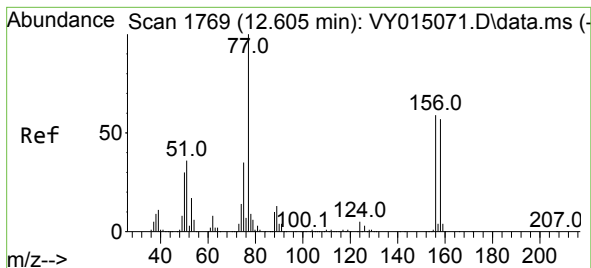
Tgt Ion: 75 Resp: 153134

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.023 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

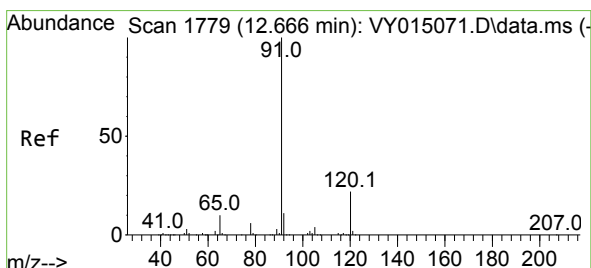
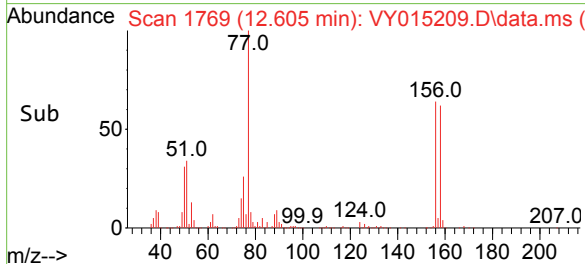
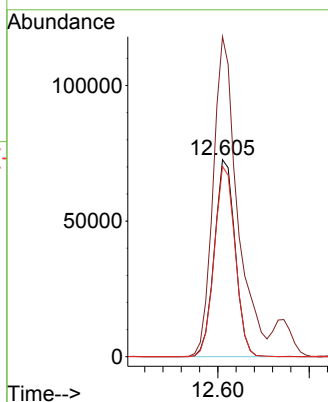
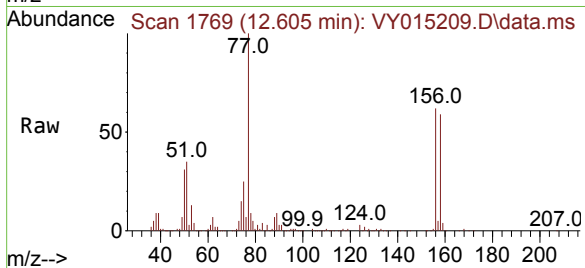
Tgt Ion:156 Resp: 114679

Ion Ratio Lower Upper

156 100

77 189.5 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 45.088 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015209.D

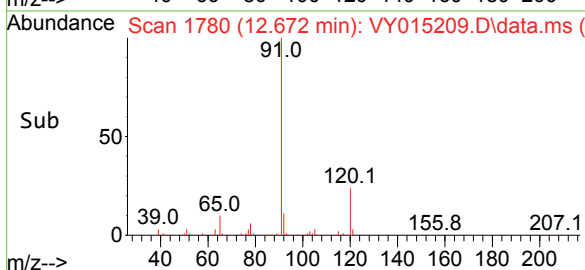
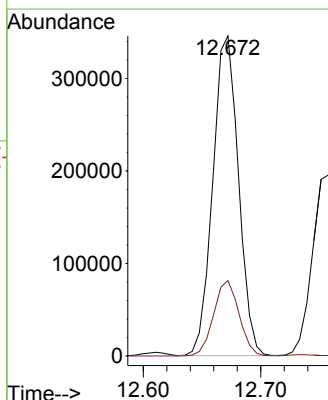
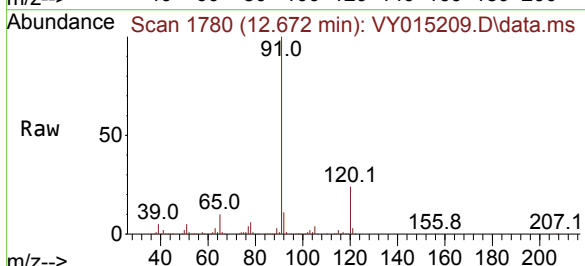
Acq: 18 Aug 2023 20:31

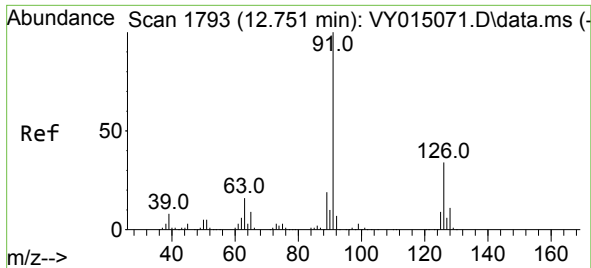
Tgt Ion: 91 Resp: 524534

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

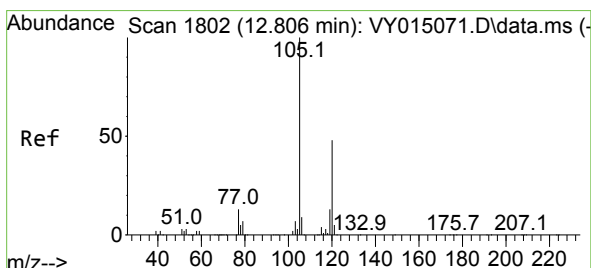
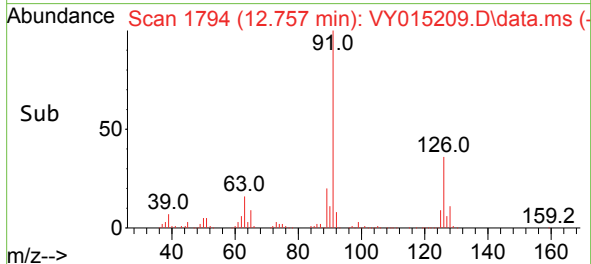
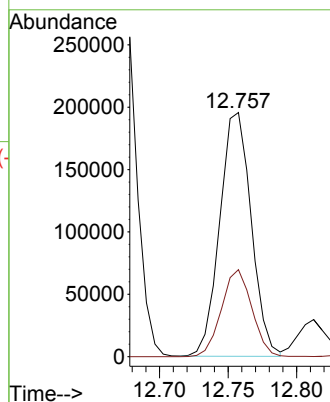
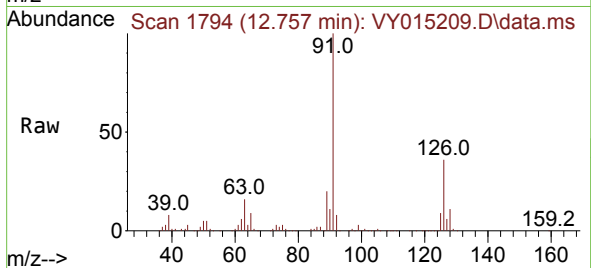




#79
2-Chlorotoluene
Concen: 46.622 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

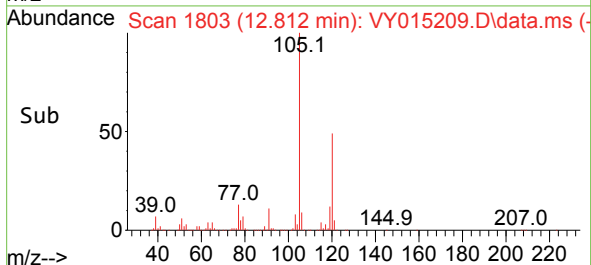
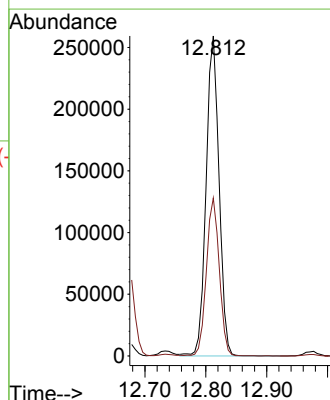
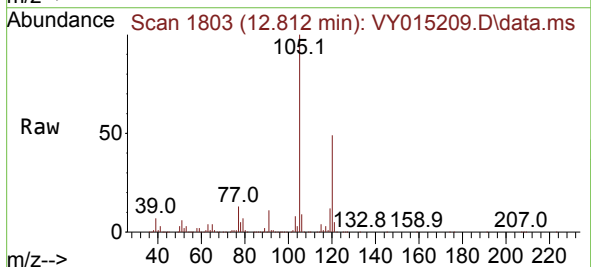
Instrument :
MSVOA_Y
ClientSampleId :

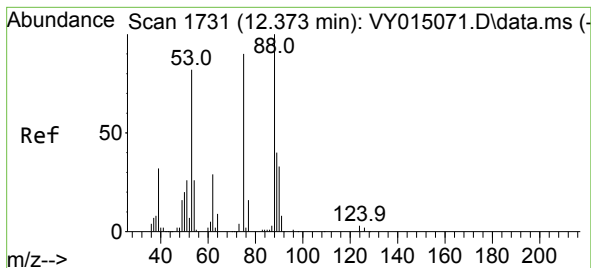
Tgt Ion: 91 Resp: 312889
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 46.890 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 105 Resp: 382923
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

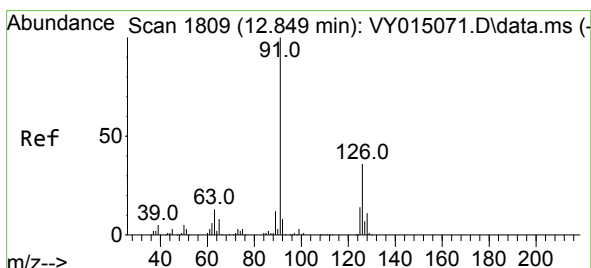
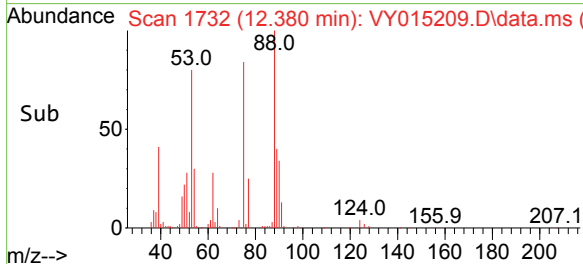
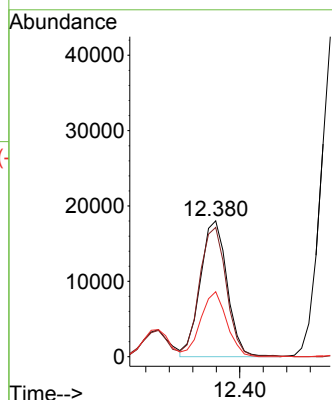
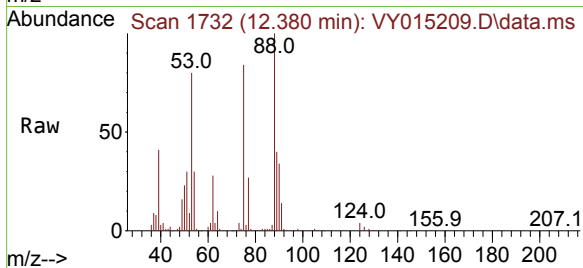




#81
trans-1,4-Dichloro-2-butene
Concen: 33.879 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

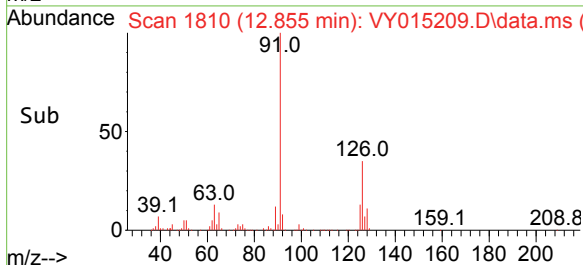
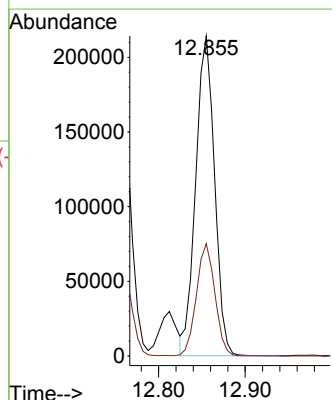
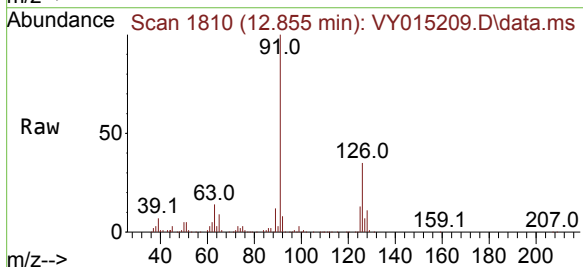
Instrument :
MSVOA_Y
ClientSampleId :

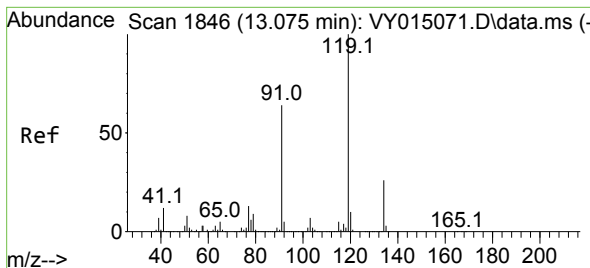
Tgt Ion: 75 Resp: 28550
Ion Ratio Lower Upper
75 100
53 93.5 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.654 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion: 91 Resp: 323473
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.685 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

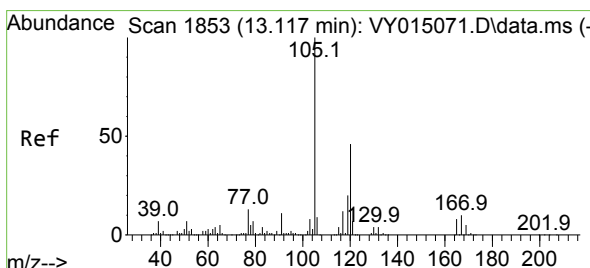
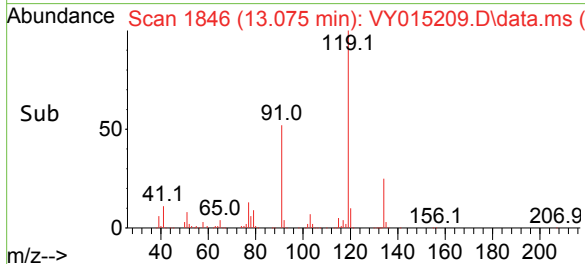
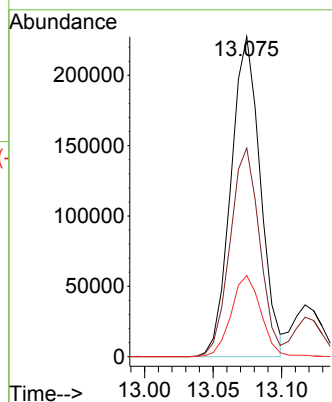
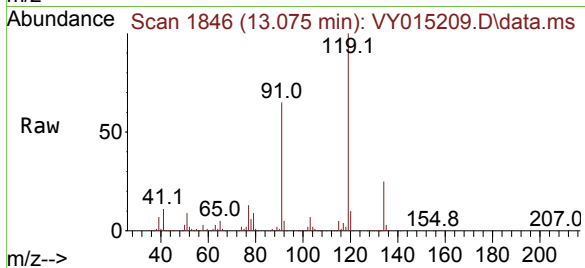
Tgt Ion:119 Resp: 341247

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.071 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015209.D

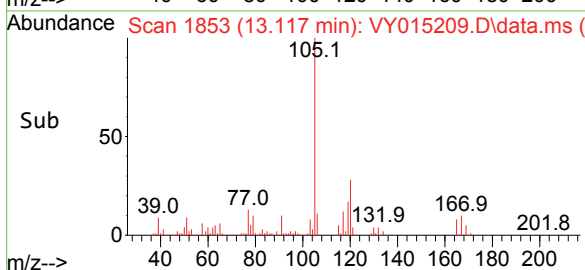
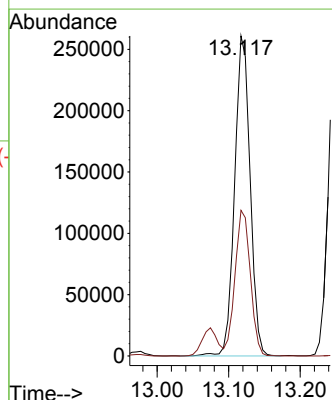
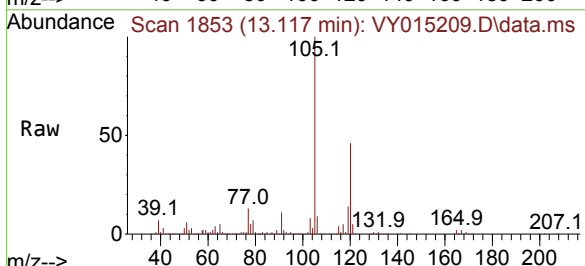
Acq: 18 Aug 2023 20:31

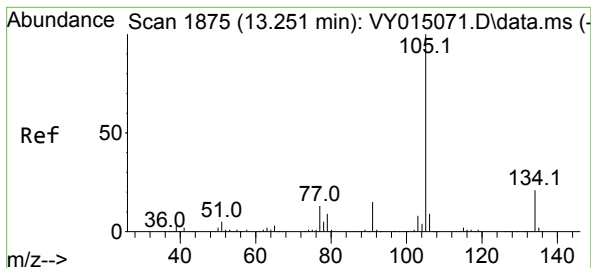
Tgt Ion:105 Resp: 392269

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.407 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

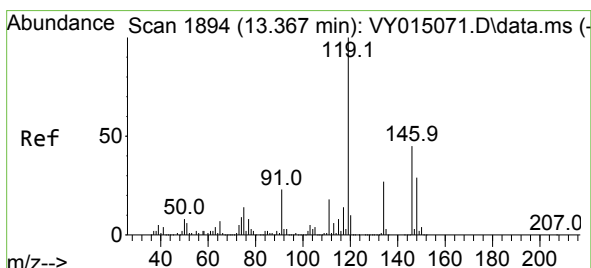
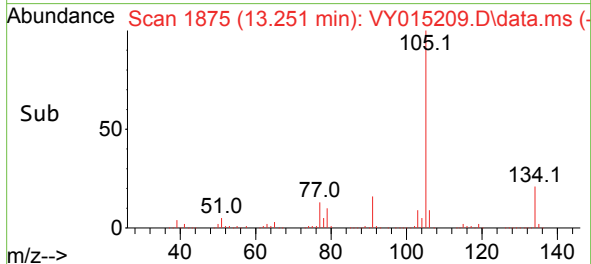
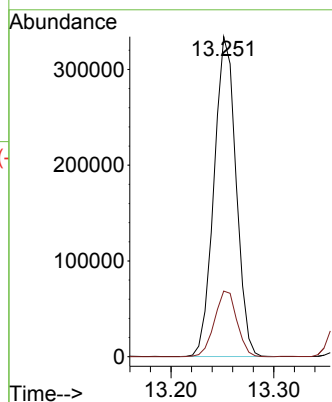
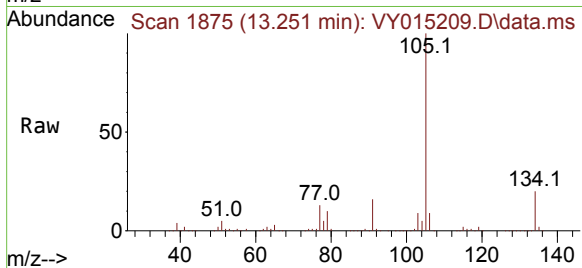
ClientSampleId :

Tgt Ion:105 Resp: 496951

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 45.539 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

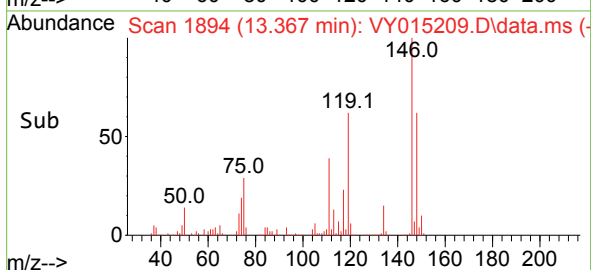
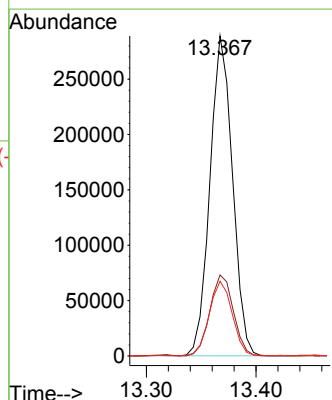
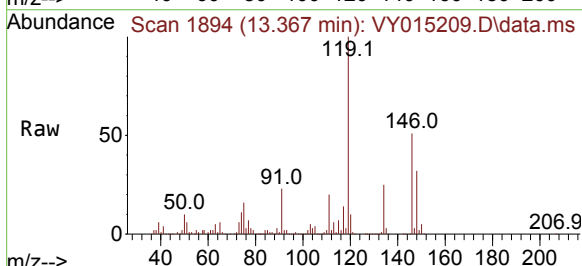
Tgt Ion:119 Resp: 413214

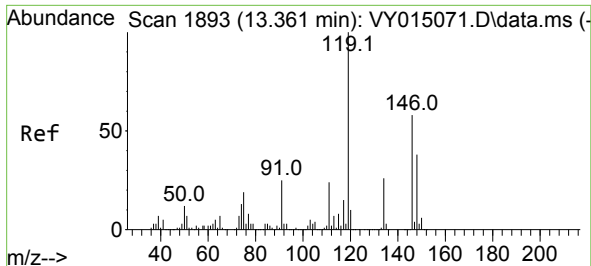
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.7 12.4 37.4

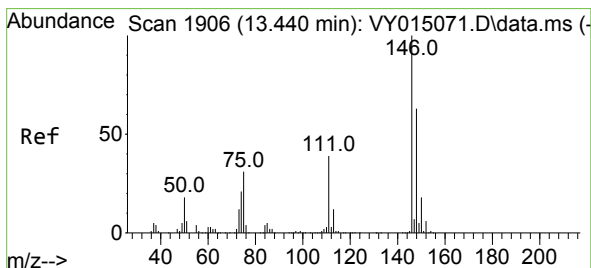
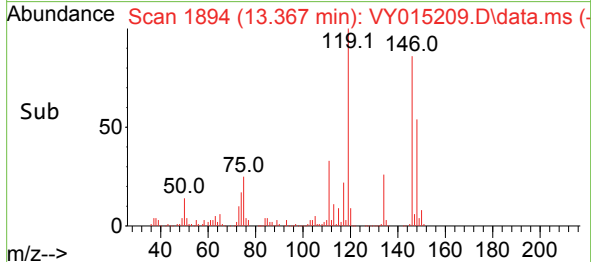
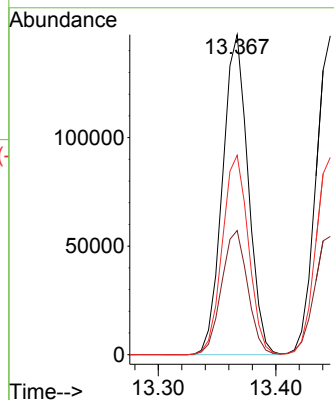
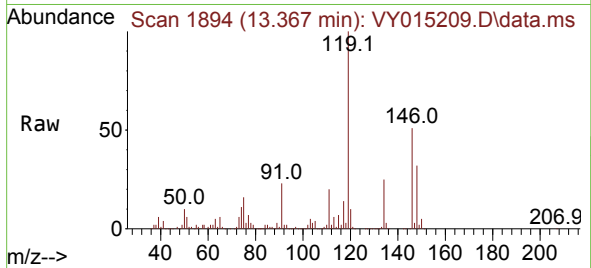




#87
1,3-Dichlorobenzene
Concen: 47.133 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

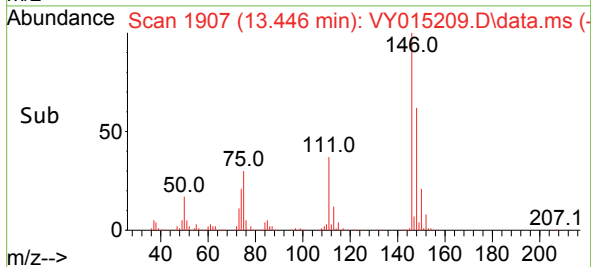
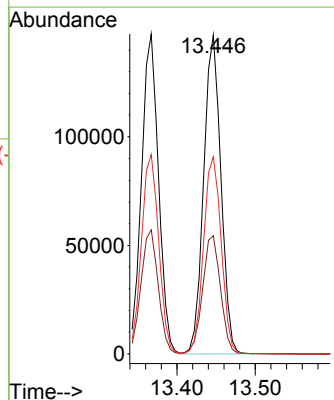
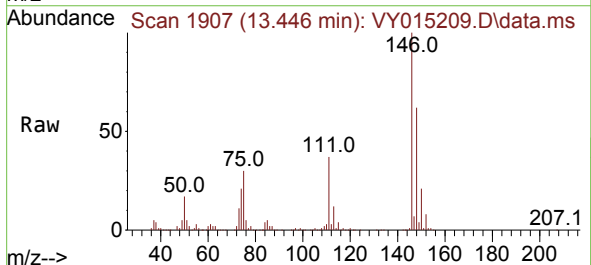
Instrument :
MSVOA_Y
ClientSampleId :

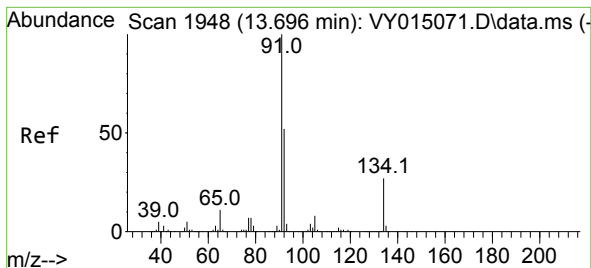
Tgt Ion:146 Resp: 223245
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 47.268 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015209.D
Acq: 18 Aug 2023 20:31

Tgt Ion:146 Resp: 224556
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 43.393 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

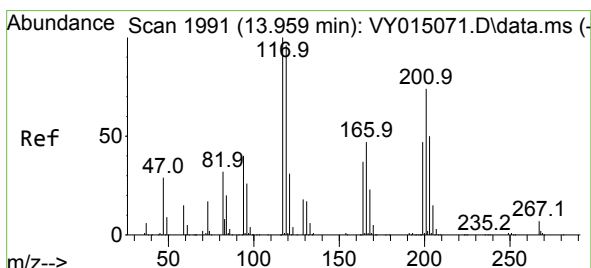
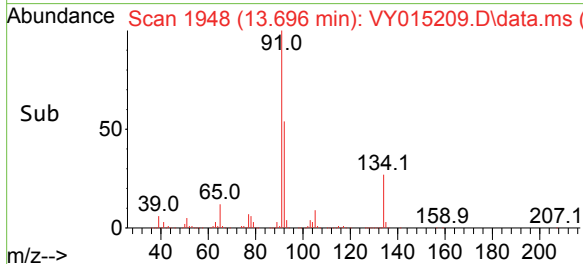
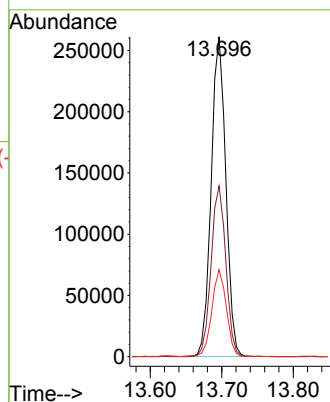
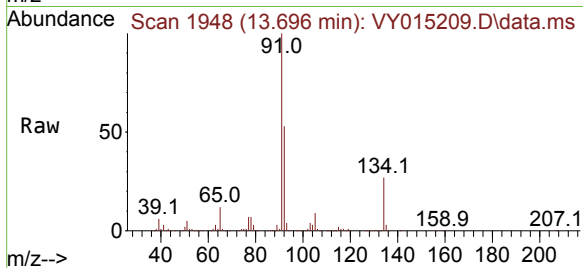
Tgt Ion: 91 Resp: 371250

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 45.741 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015209.D

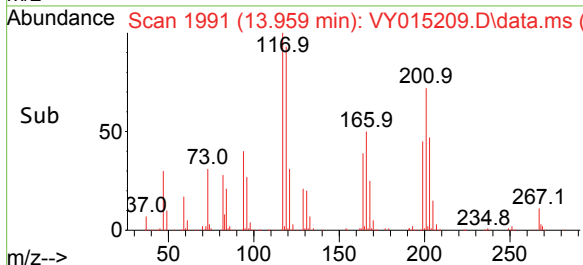
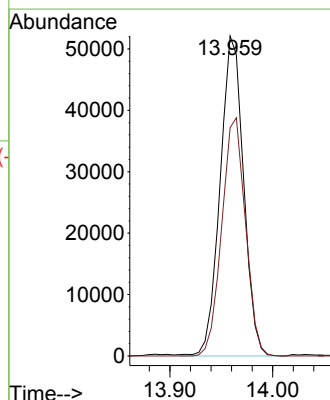
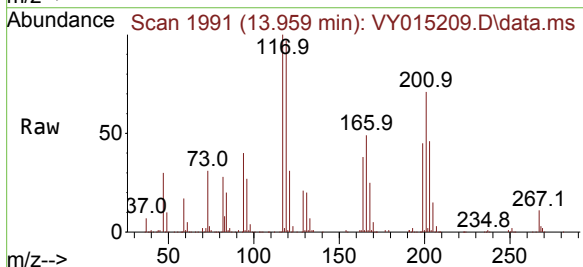
Acq: 18 Aug 2023 20:31

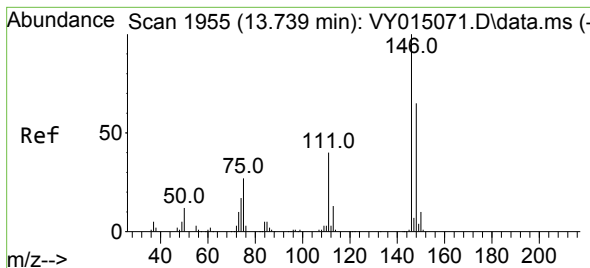
Tgt Ion: 117 Resp: 82338

Ion Ratio Lower Upper

117 100

201 75.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.962 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

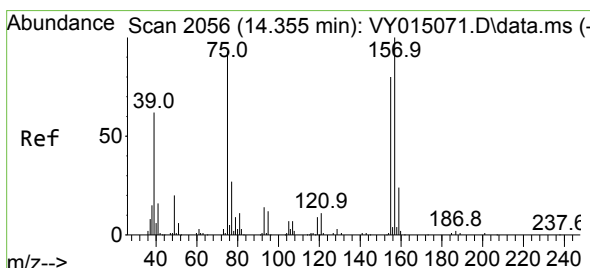
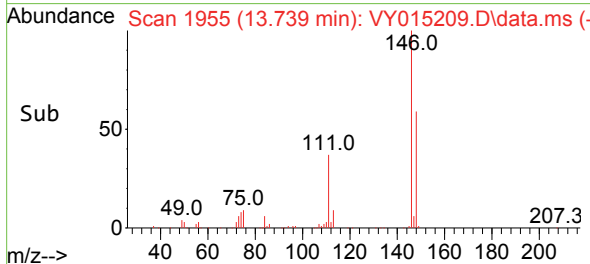
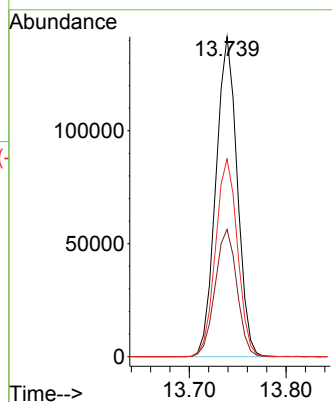
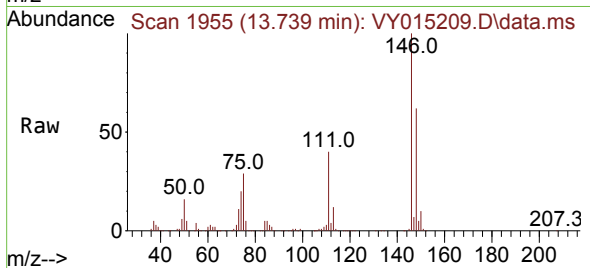
Tgt Ion:146 Resp: 216644

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.008 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

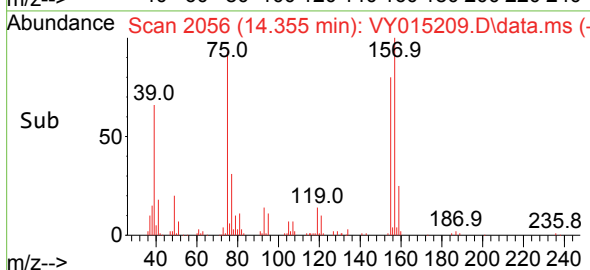
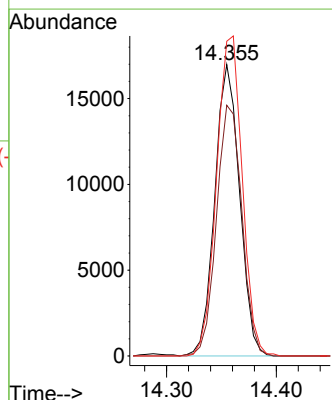
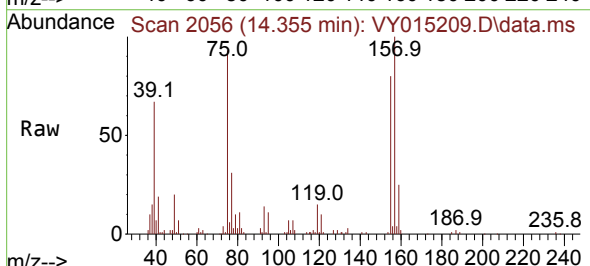
Tgt Ion: 75 Resp: 26695

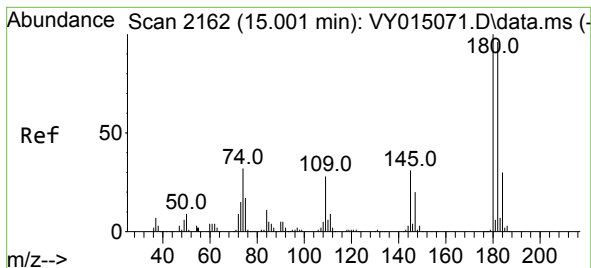
Ion Ratio Lower Upper

75 100

155 88.3 41.5 124.6

157 113.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.796 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

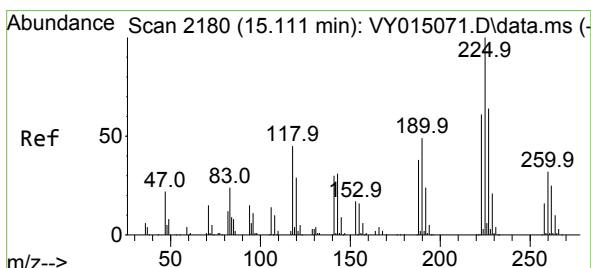
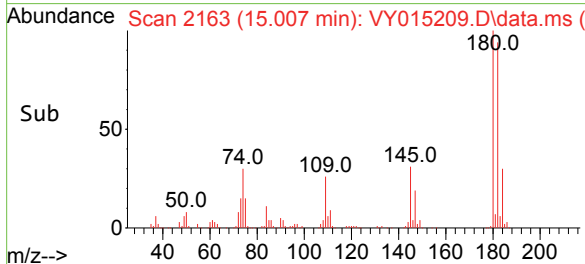
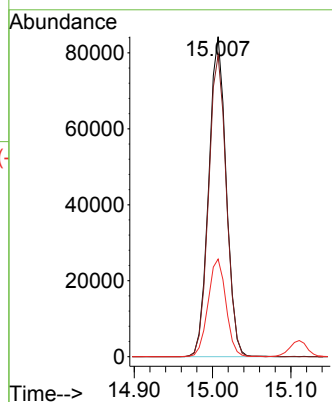
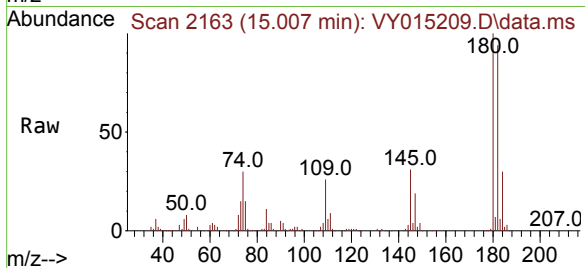
Tgt Ion:180 Resp: 130091

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 44.130 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

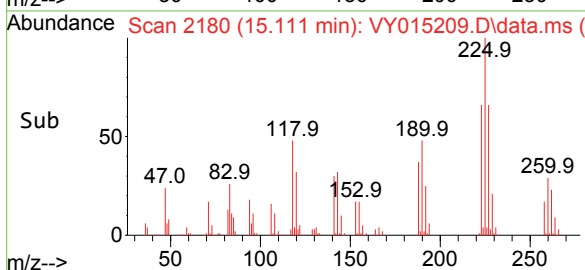
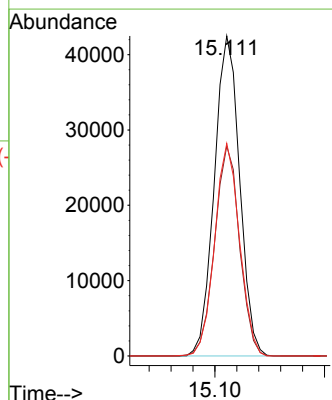
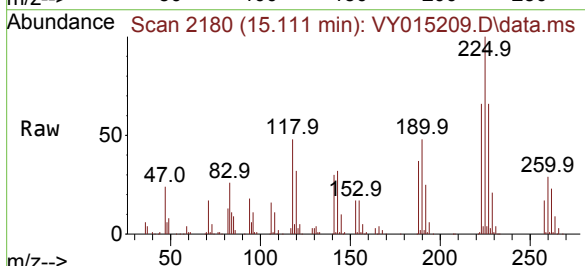
Tgt Ion:225 Resp: 68188

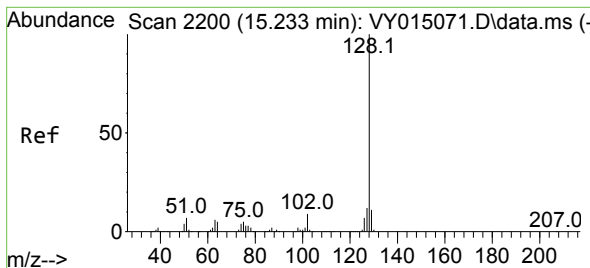
Ion Ratio Lower Upper

225 100

223 64.4 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 52.398 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

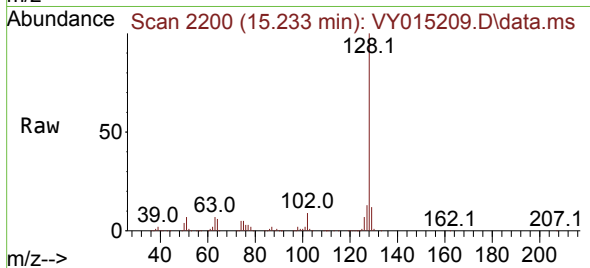
Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :



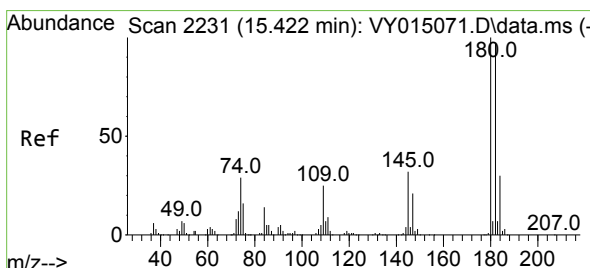
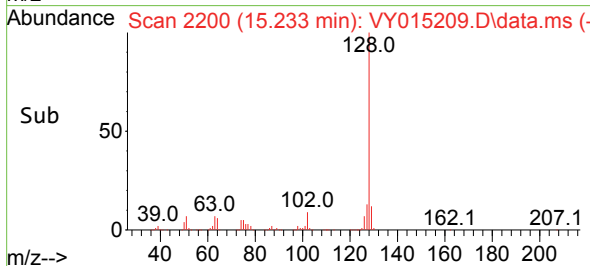
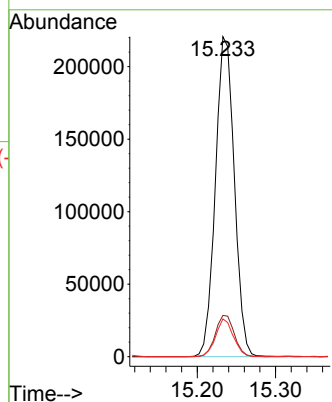
Tgt Ion:128 Resp: 370786

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.266 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015209.D

Acq: 18 Aug 2023 20:31

Tgt Ion:180 Resp: 123824

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 33.3 15.4 46.2

