

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014204.D
 Acq On : 16 Jun 2023 15:34
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 16 23:20:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	197227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132148	48.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.240%
35) Dibromofluoromethane	7.710	113	112515	53.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.179	98	382318	48.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.477	95	154202	55.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47899	21.792	ug/l	99
3) Chloromethane	2.107	50	51966	18.645	ug/l	99
4) Vinyl Chloride	2.247	62	54101	19.966	ug/l	98
5) Bromomethane	2.625	94	41655	18.631	ug/l	98
6) Chloroethane	2.784	64	34376	18.670	ug/l	100
7) Trichlorofluoromethane	3.113	101	94184	21.395	ug/l	98
8) Diethyl Ether	3.521	74	28634	19.480	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	48461	21.813	ug/l	99
10) Methyl Iodide	4.088	142	47705	16.261	ug/l	96
11) Tert butyl alcohol	4.942	59	56989	172.923	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	45044	20.003	ug/l	96
13) Acrolein	3.729	56	19557	139.802	ug/l	100
14) Allyl chloride	4.472	41	75050	18.386	ug/l	96
15) Acrylonitrile	5.155	53	75428	99.485	ug/l	97
16) Acetone	3.936	43	85518	103.301	ug/l	99
17) Carbon Disulfide	4.186	76	123220	16.886	ug/l	99
18) Methyl Acetate	4.472	43	61533	19.149	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	131065	19.734	ug/l	98
20) Methylene Chloride	4.704	84	78750	28.236	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	47867	19.058	ug/l	96
22) Diisopropyl ether	6.112	45	156201	19.986	ug/l	99
23) Vinyl Acetate	6.051	43	447620	97.071	ug/l	99
24) 1,1-Dichloroethane	6.009	63	90007	19.974	ug/l	98
25) 2-Butanone	6.978	43	108205	106.182	ug/l	100
26) 2,2-Dichloropropane	6.978	77	90474	21.377	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	56337	20.051	ug/l	99
28) Bromochloromethane	7.332	49	37379	20.398	ug/l	98
29) Tetrahydrofuran	7.338	42	67007	103.695	ug/l	99
30) Chloroform	7.496	83	99670	20.849	ug/l	99
31) Cyclohexane	7.783	56	74828	20.339	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	91072	21.122	ug/l	99
36) 1,1-Dichloropropene	7.911	75	69435	21.305	ug/l	99
37) Ethyl Acetate	7.076	43	47183	20.982	ug/l	99
38) Carbon Tetrachloride	7.893	117	83096	22.094	ug/l	97
39) Methylcyclohexane	9.179	83	75859	20.979	ug/l	98
40) Benzene	8.155	78	203341	20.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	65124	56.746	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	71491	20.861	ug/l	98
43) Isopropyl Acetate	8.271	43	82114	20.834	ug/l	99
44) Trichloroethene	8.935	130	55533	21.447	ug/l	97
45) 1,2-Dichloropropane	9.216	63	52576	21.359	ug/l	100
46) Dibromomethane	9.301	93	31830	21.007	ug/l	98
47) Bromodichloromethane	9.490	83	75822	21.371	ug/l	99
48) Methyl methacrylate	9.289	41	38238	20.801	ug/l	98
49) 1,4-Dioxane	9.295	88	9327	484.433	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	224927	105.044	ug/l	100
52) Toluene	10.240	92	128467	21.384	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	78490	21.015	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	83969	20.606	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	43322	21.556	ug/l	97
56) Ethyl methacrylate	10.508	69	56153	20.256	ug/l	98
57) 1,3-Dichloropropane	10.788	76	70664	20.558	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	76175	83.076	ug/l	97
59) 2-Hexanone	10.831	43	166456	107.631	ug/l	98
60) Dibromochloromethane	10.983	129	55551	21.596	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41323	20.833	ug/l	99
64) Tetrachloroethene	10.715	164	52004	21.523	ug/l	97
65) Chlorobenzene	11.514	112	139908	20.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57573	21.490	ug/l	99
67) Ethyl Benzene	11.587	91	252319	21.163	ug/l	100
68) m/p-Xylenes	11.697	106	198212	43.222	ug/l	98
69) o-Xylene	12.026	106	89604	20.666	ug/l	98
70) Styrene	12.038	104	156050	21.088	ug/l	99
71) Bromoform	12.203	173	38639	21.059	ug/l #	100
73) Isopropylbenzene	12.325	105	250857	20.667	ug/l	98
74) N-amyl acetate	12.142	43	73970	19.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	52592	19.391	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	71790	34.390	ug/l #	100
77) Bromobenzene	12.605	156	63067	19.769	ug/l	94
78) n-propylbenzene	12.666	91	304563	20.543	ug/l	100
79) 2-Chlorotoluene	12.751	91	171940	20.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	209943	20.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19296	19.981	ug/l	99
82) 4-Chlorotoluene	12.849	91	180099	19.923	ug/l	99
83) tert-Butylbenzene	13.075	119	182317	20.643	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	214448	20.845	ug/l	100
85) sec-Butylbenzene	13.251	105	268337	20.898	ug/l	99
86) p-Isopropyltoluene	13.367	119	227598	20.711	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	124537	20.446	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	125539	20.456	ug/l	99
89) n-Butylbenzene	13.690	91	214075	21.003	ug/l	99
90) Hexachloroethane	13.959	117	45202	20.642	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	112577	20.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9915	19.197	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	70884	20.454	ug/l	99
94) Hexachlorobutadiene	15.111	225	44900	22.441	ug/l	97
95) Naphthalene	15.233	128	134784	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	63006	20.120	ug/l	99

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

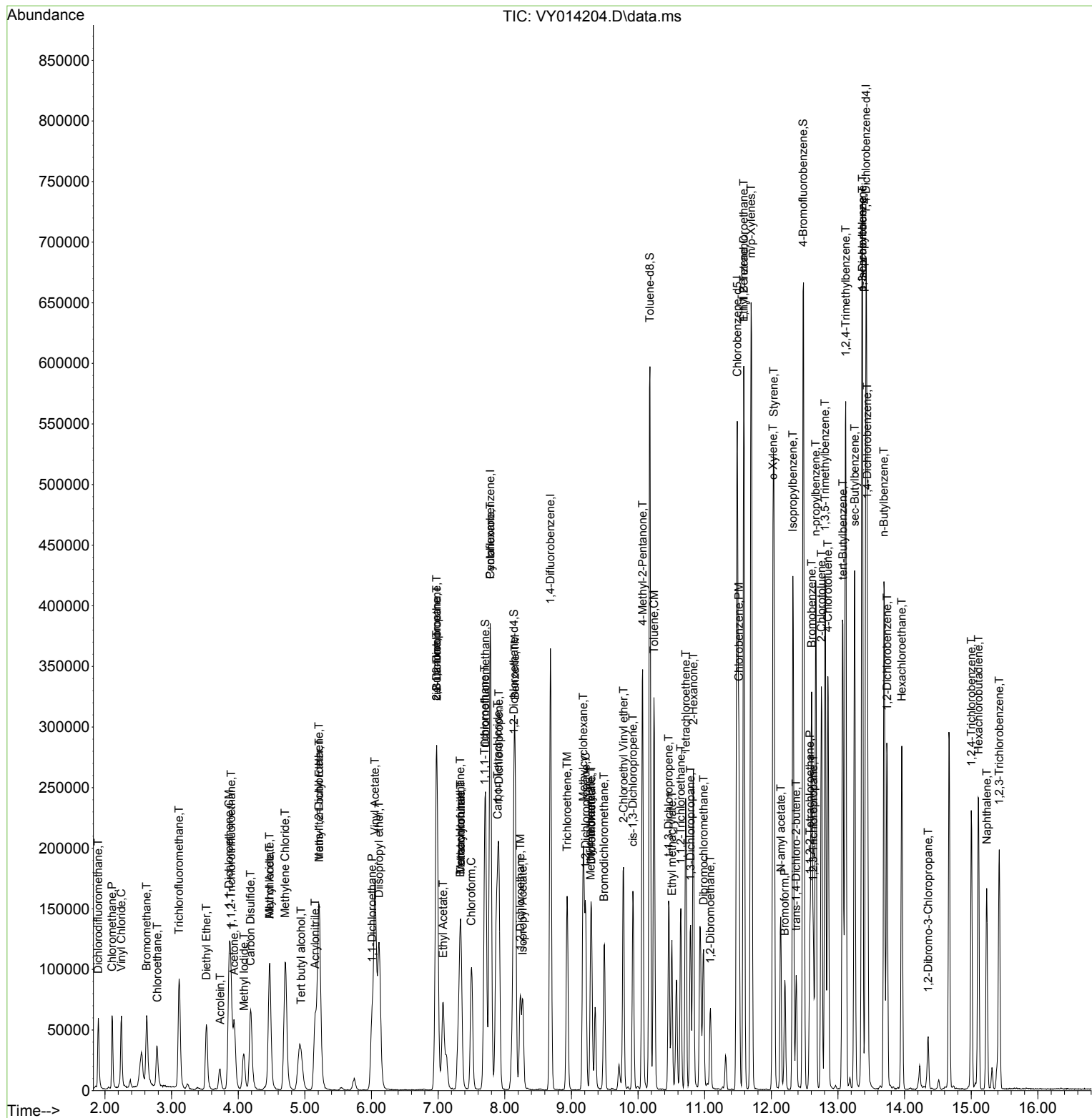
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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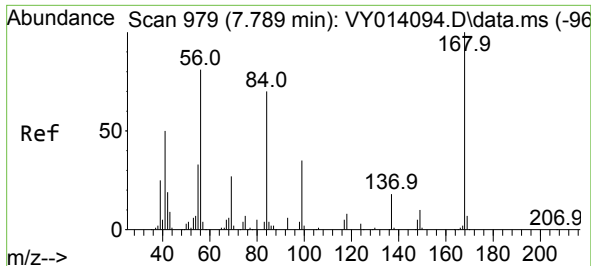
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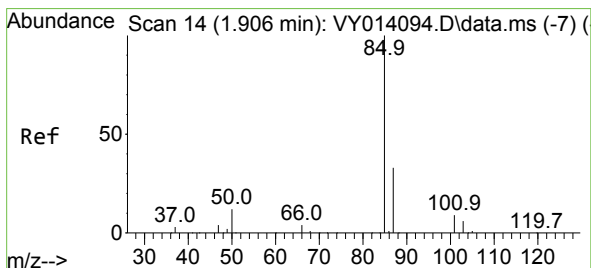
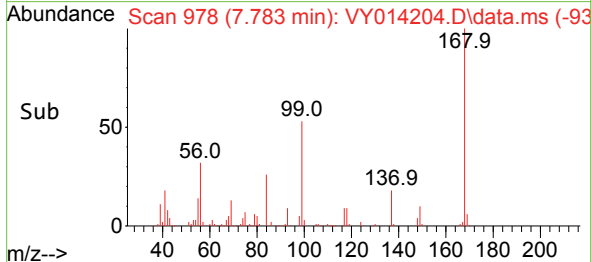
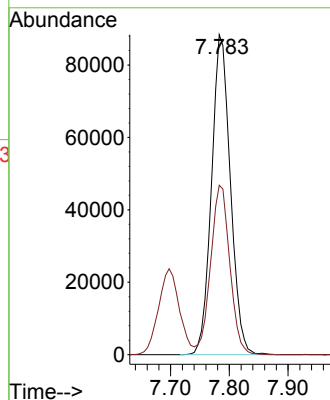
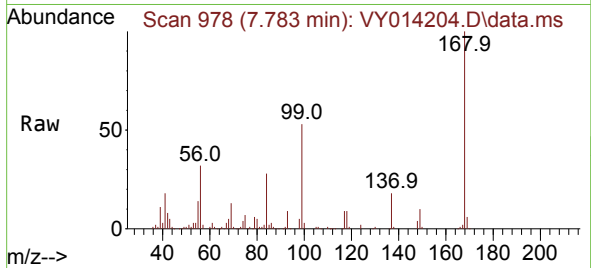




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014204.D
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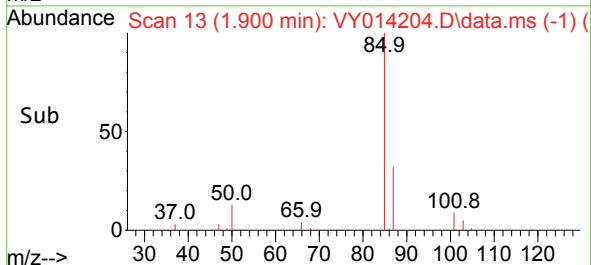
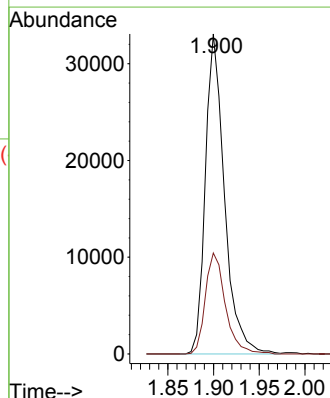
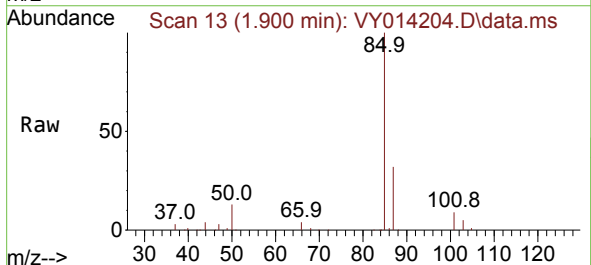
Instrument :
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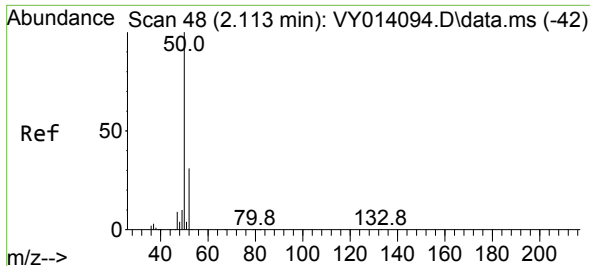
Tgt Ion:168 Resp: 197227
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.792 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 85 Resp: 47899
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8

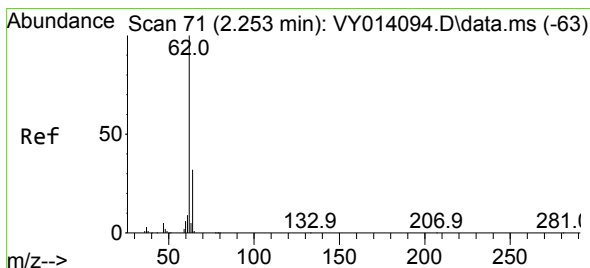
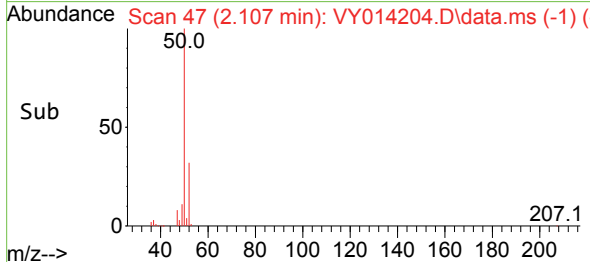
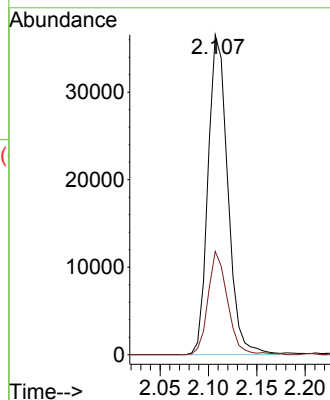
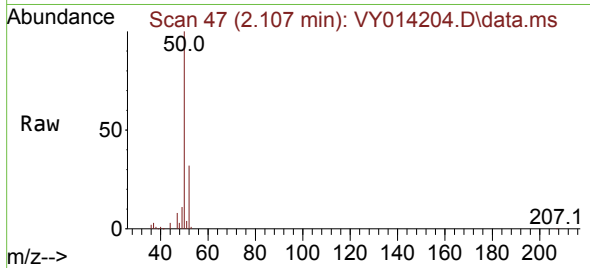




#3
Chloromethane
Concen: 18.645 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

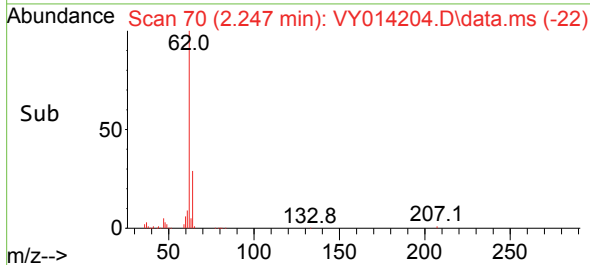
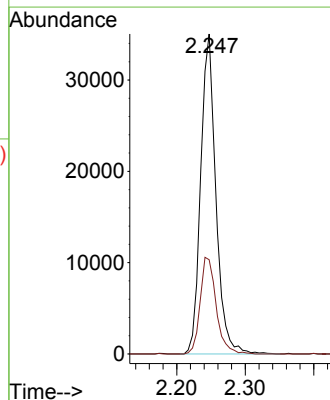
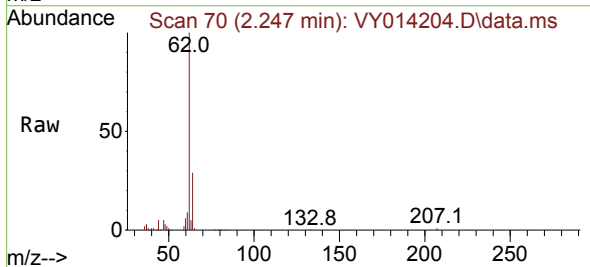
Instrument :
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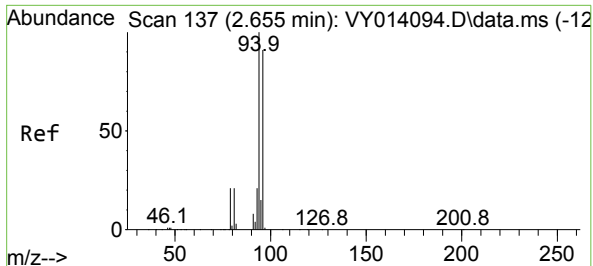
Tgt Ion: 50 Resp: 51966
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 19.966 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 62 Resp: 54101
Ion Ratio Lower Upper
62 100
64 29.5 24.3 36.5

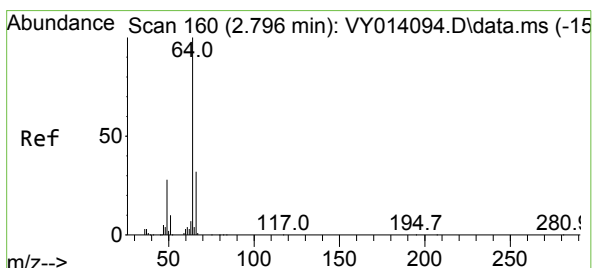
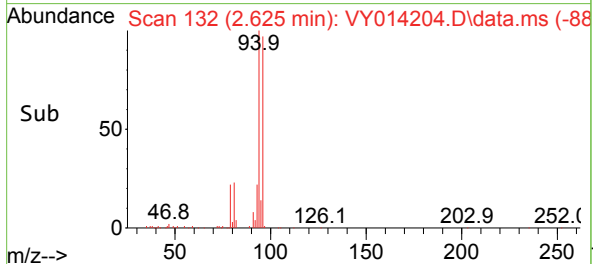
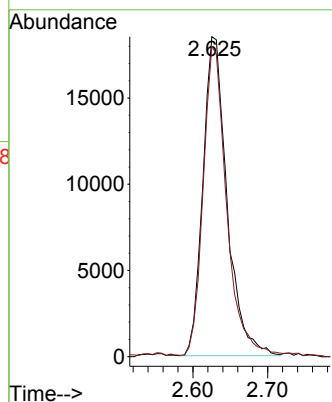
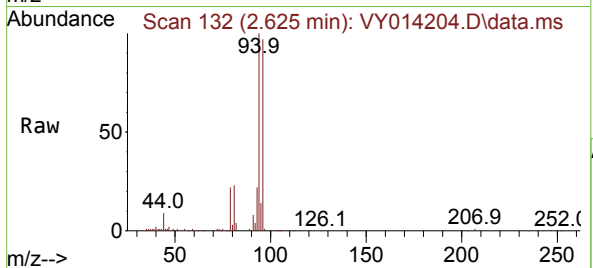




#5
Bromomethane
Concen: 18.631 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014204.D
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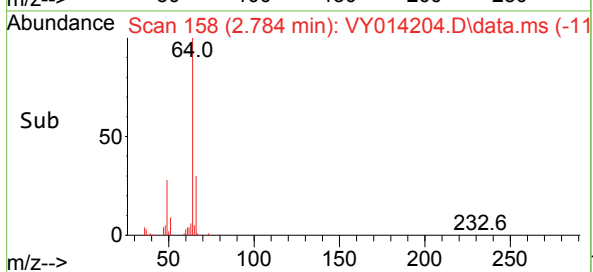
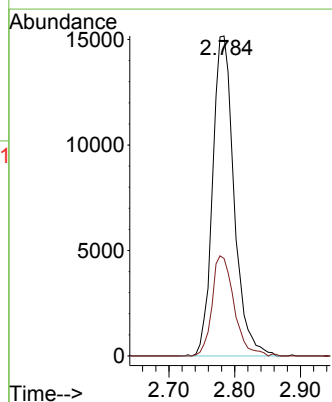
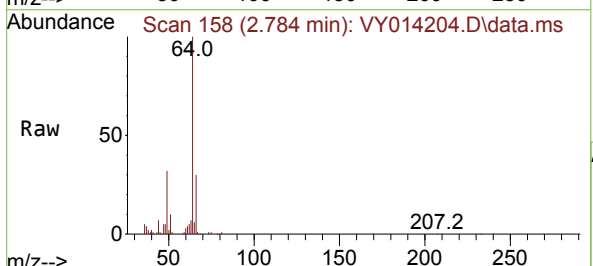
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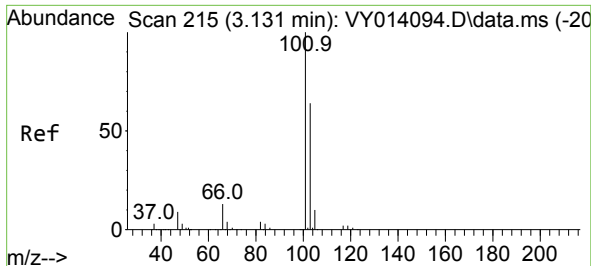
Tgt Ion: 94 Resp: 41655
Ion Ratio Lower Upper
94 100
96 96.8 75.8 113.6



#6
Chloroethane
Concen: 18.670 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014204.D
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Tgt Ion: 64 Resp: 34376
Ion Ratio Lower Upper
64 100
66 30.4 24.4 36.6

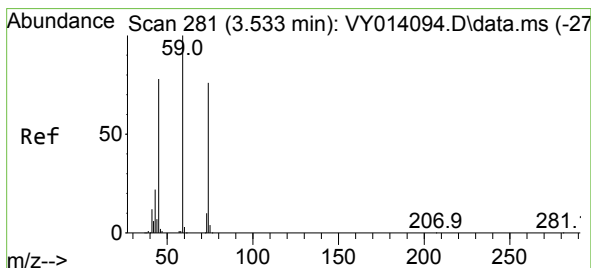
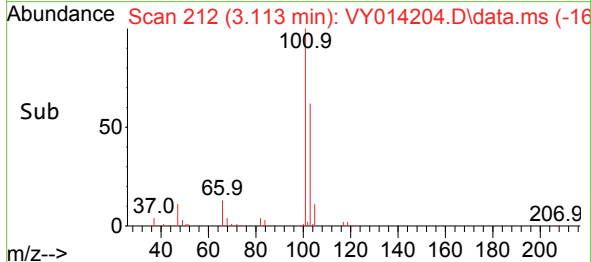
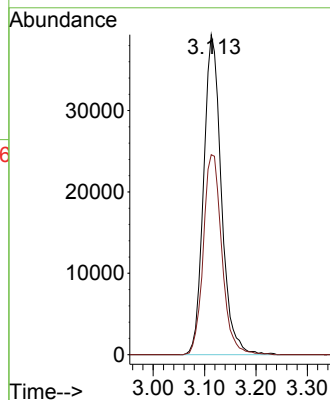
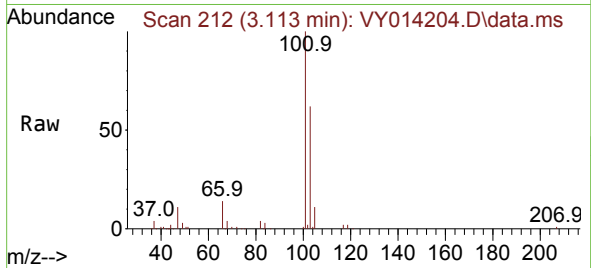




#7
 Trichlorofluoromethane
 Concen: 21.395 ug/l
 RT: 3.113 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY014204.D
 Acq: 16 Jun 2023 15:34

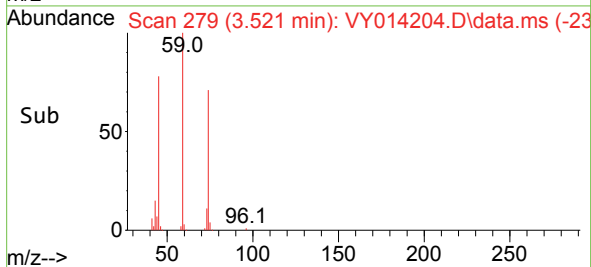
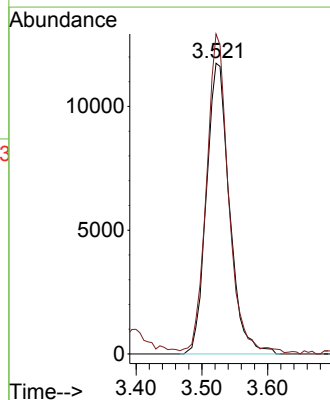
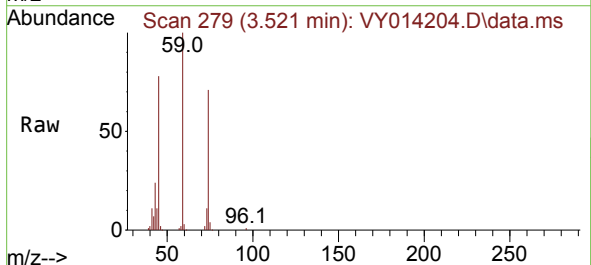
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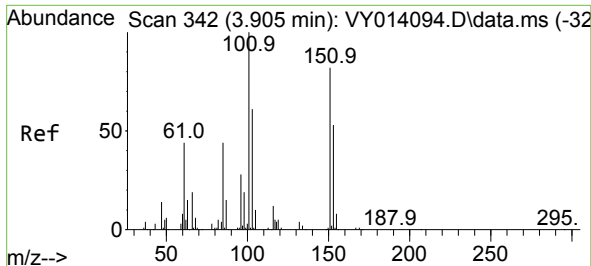
Tgt Ion:101 Resp: 94184
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.480 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.012 min
 Lab File: VY014204.D
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Tgt Ion: 74 Resp: 28634
 Ion Ratio Lower Upper
 74 100
 45 105.0 51.5 154.5

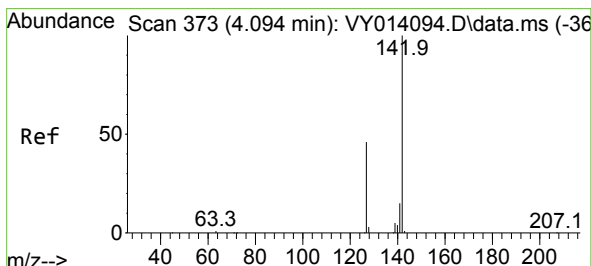
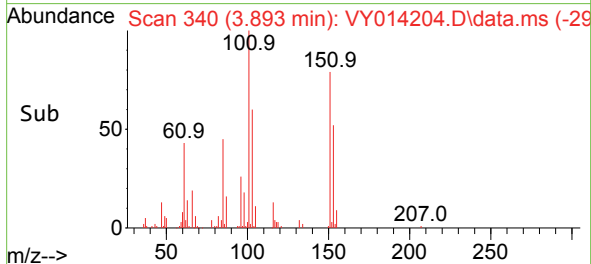
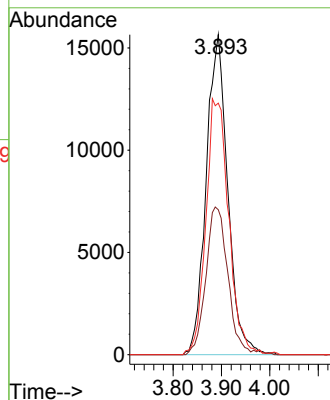
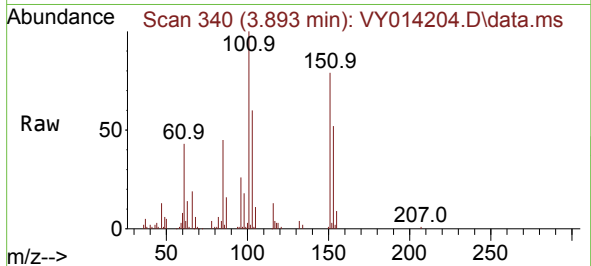




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.813 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

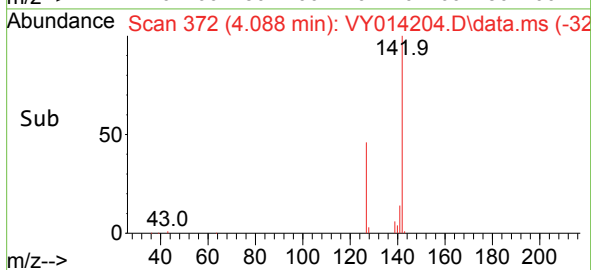
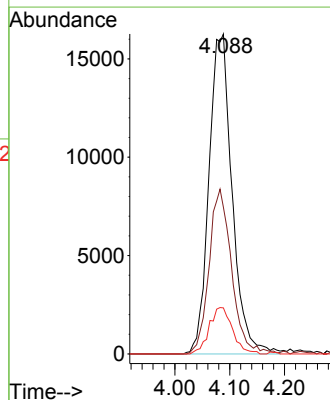
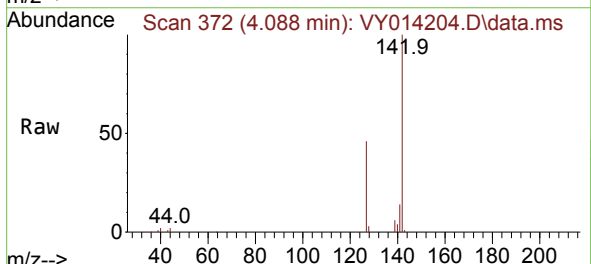
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

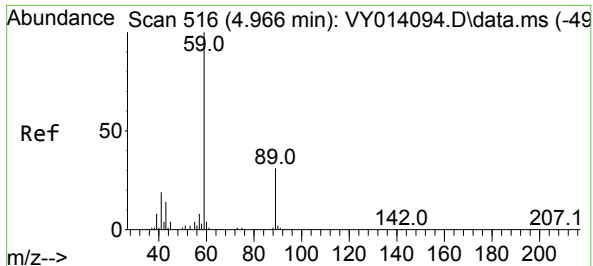
Tgt Ion:101 Resp: 48461
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 84.4 67.0 100.6



#10
Methyl Iodide
Concen: 16.261 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion:142 Resp: 47705
Ion Ratio Lower Upper
142 100
127 50.2 37.6 56.4
141 14.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 172.923 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

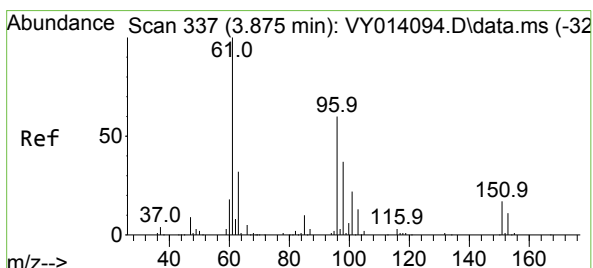
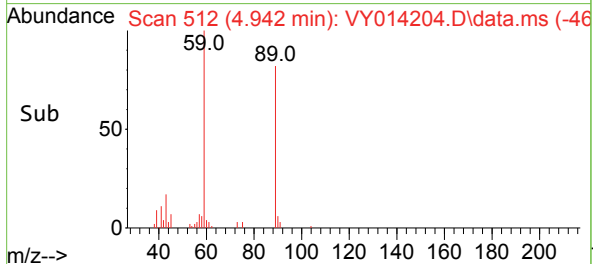
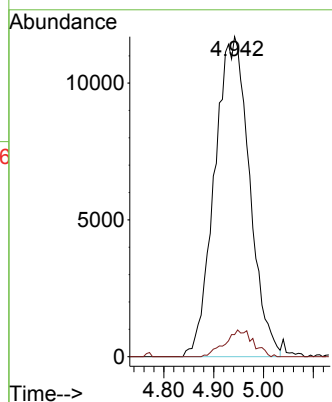
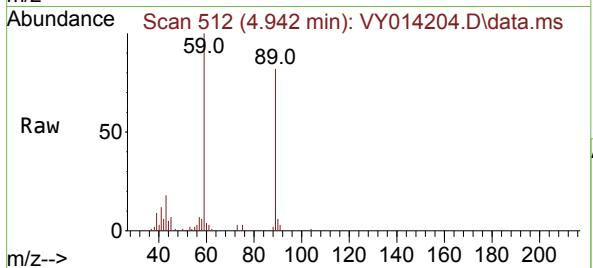
VY0616SBS01

Tgt Ion: 59 Resp: 56989

Ion Ratio Lower Upper

59 100

57 6.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.003 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

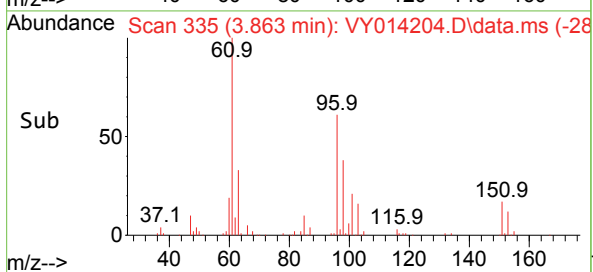
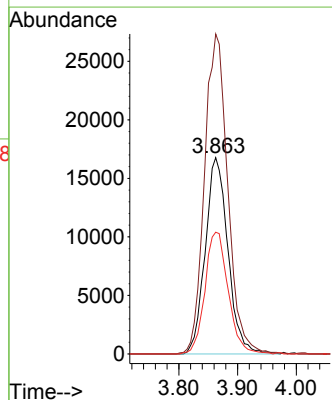
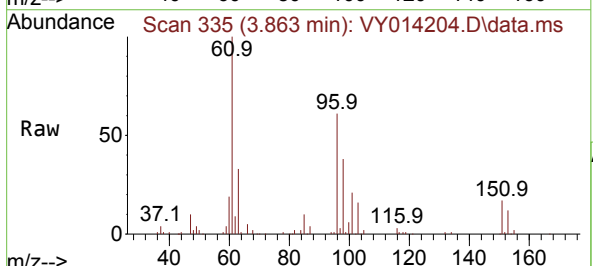
Tgt Ion: 96 Resp: 45044

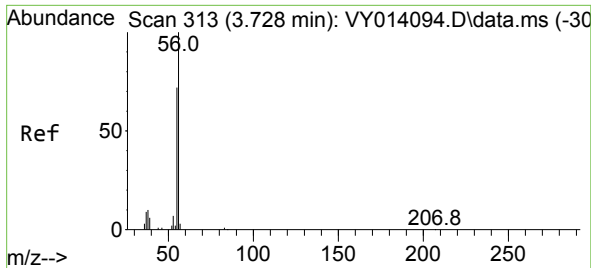
Ion Ratio Lower Upper

96 100

61 162.6 136.4 204.6

98 62.0 49.4 74.2





#13

Acrolein

Concen: 139.802 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

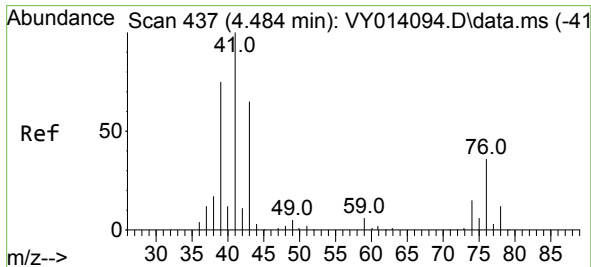
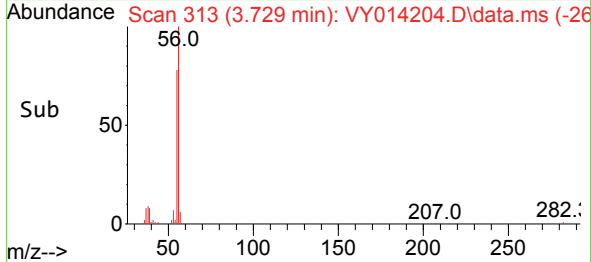
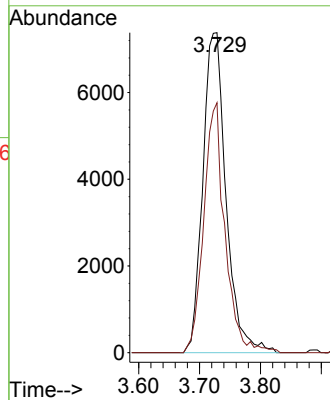
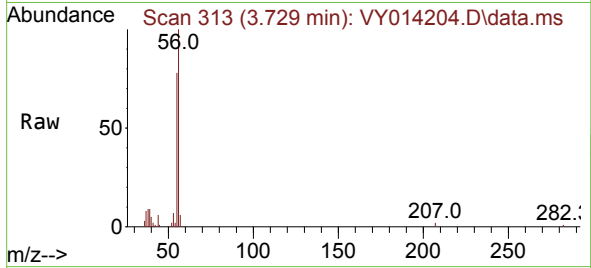
VY0616SBS01

Tgt Ion: 56 Resp: 19557

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 18.386 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

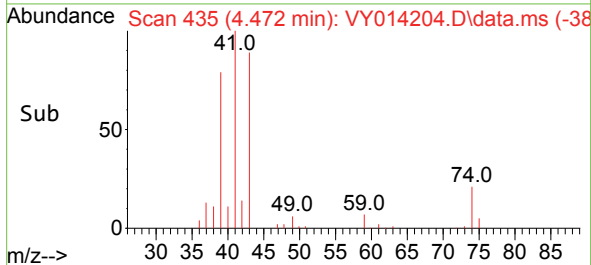
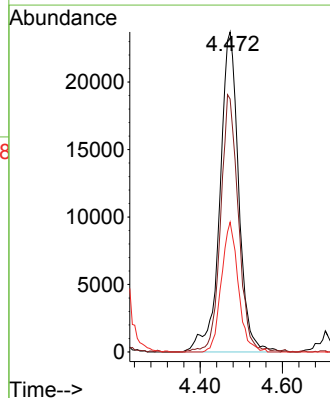
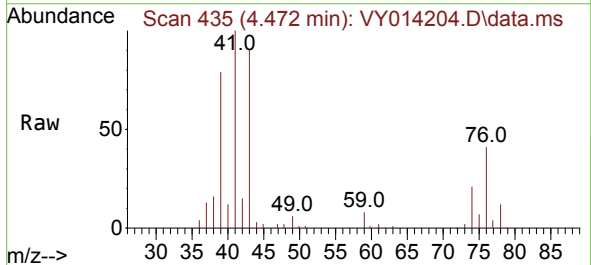
Tgt Ion: 41 Resp: 75050

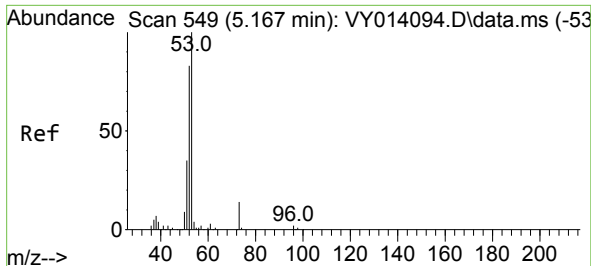
Ion Ratio Lower Upper

41 100

39 75.7 58.0 87.0

76 36.6 27.4 41.2





#15

Acrylonitrile

Concen: 99.485 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

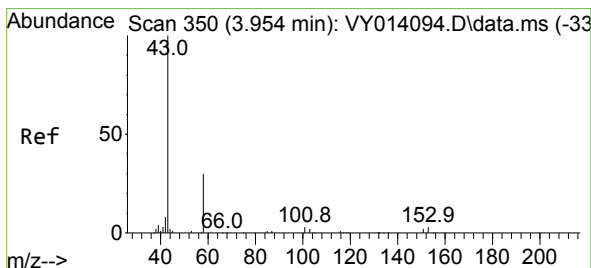
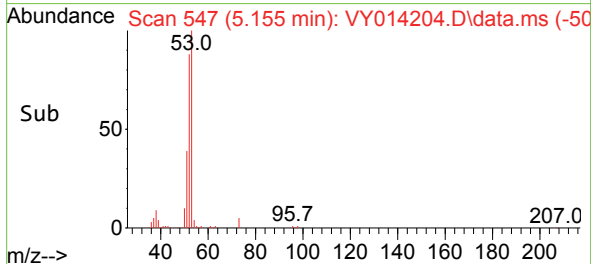
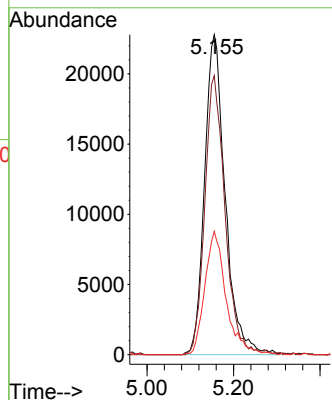
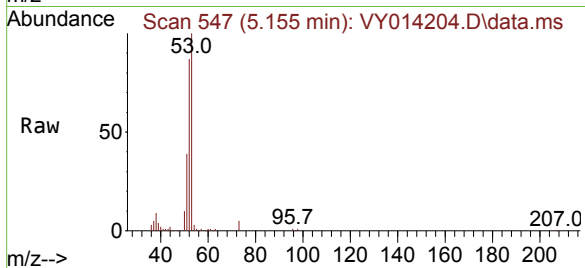
Tgt Ion: 53 Resp: 75428

Ion Ratio Lower Upper

53 100

52 85.3 66.9 100.3

51 39.8 29.8 44.6



#16

Acetone

Concen: 103.301 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.018 min

Lab File: VY014204.D

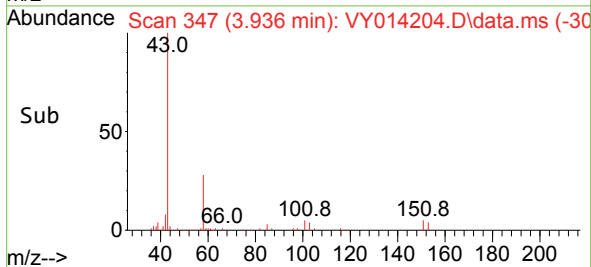
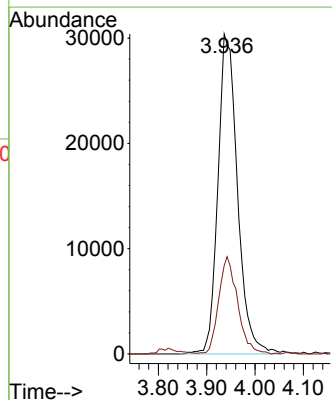
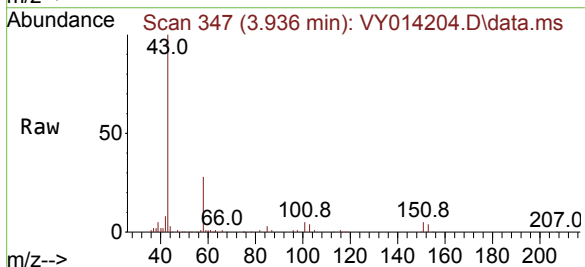
Acq: 16 Jun 2023 15:34

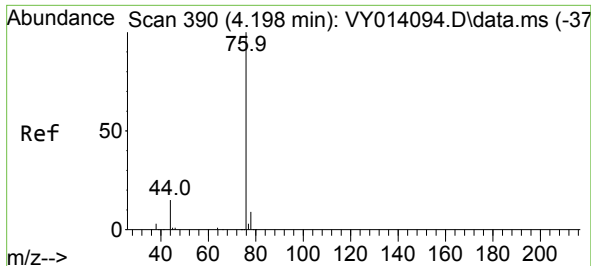
Tgt Ion: 43 Resp: 85518

Ion Ratio Lower Upper

43 100

58 27.7 22.7 34.1

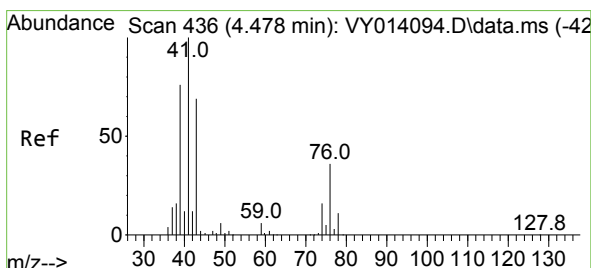
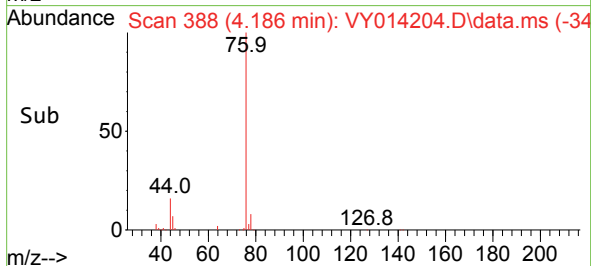
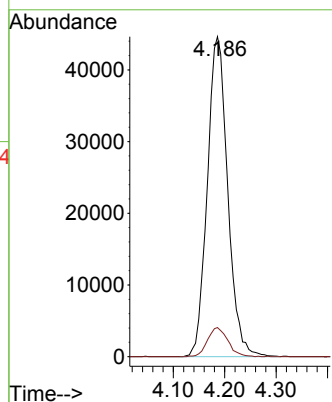
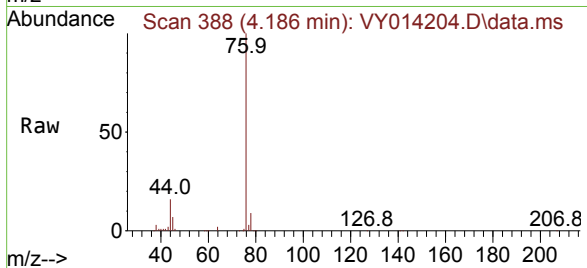




#17
Carbon Disulfide
Concen: 16.886 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

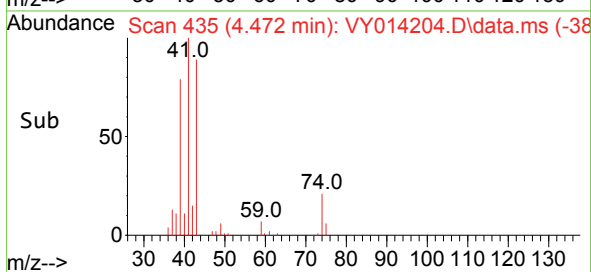
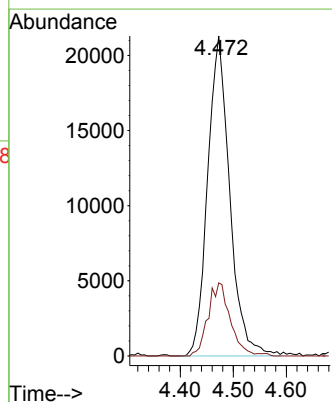
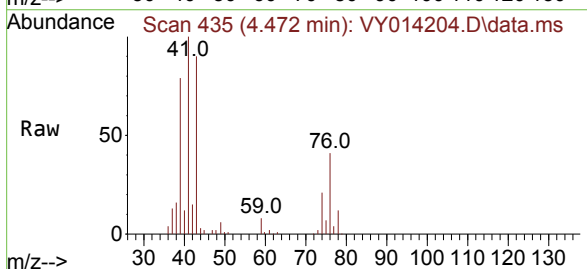
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

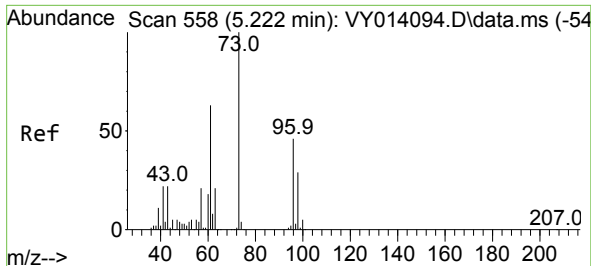
Tgt Ion: 76 Resp: 123220
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 19.149 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 43 Resp: 61533
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.0

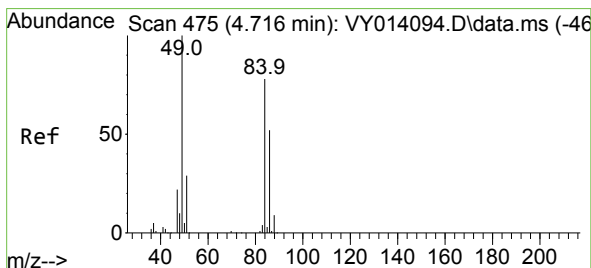
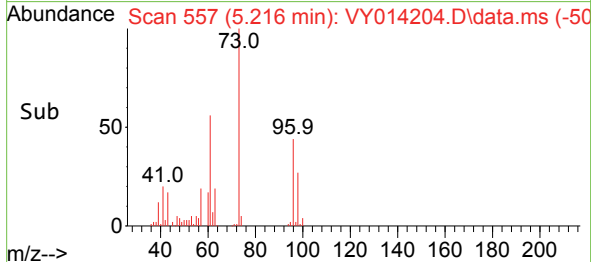
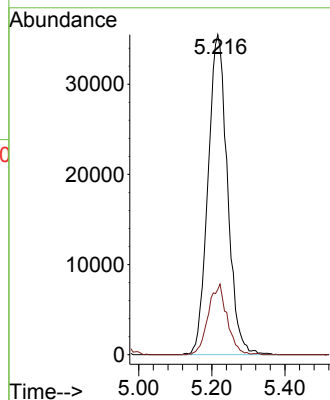
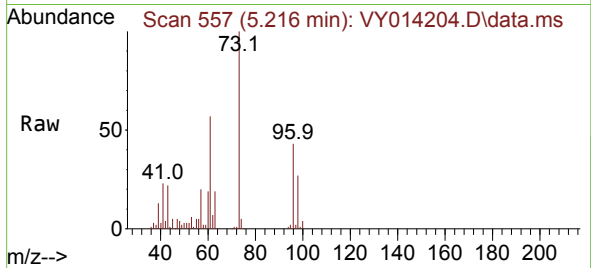




#19
Methyl tert-butyl Ether
Concen: 19.734 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

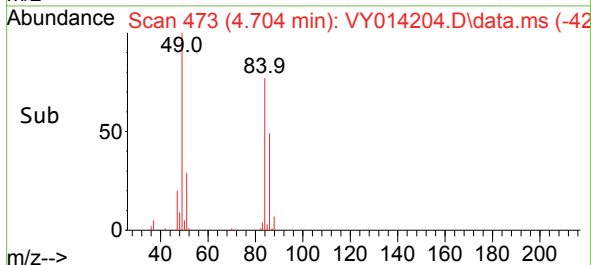
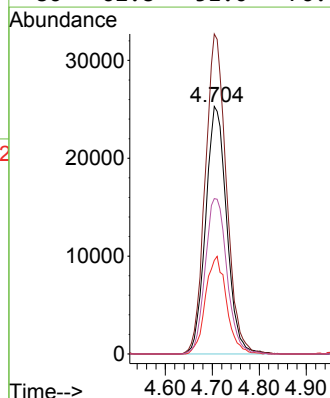
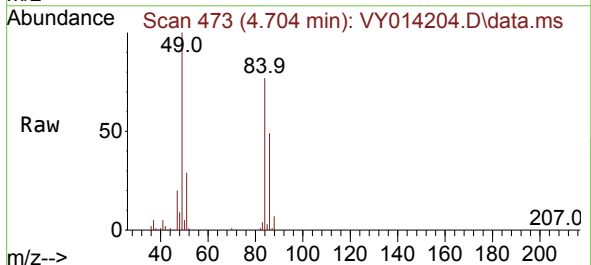
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

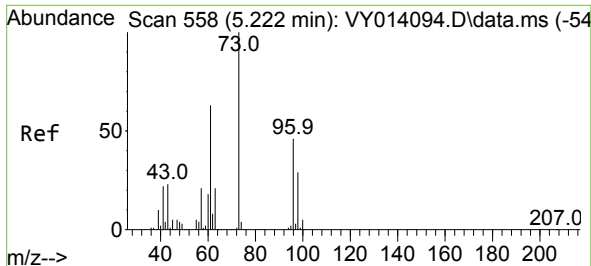
Tgt Ion: 73 Resp: 131065
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 28.236 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 84 Resp: 78750
Ion Ratio Lower Upper
84 100
49 129.3 106.9 160.3
51 37.8 33.2 49.8
86 62.8 51.0 76.6

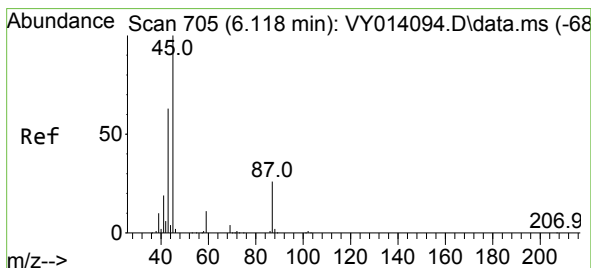
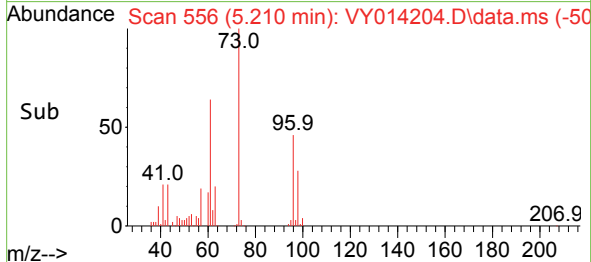
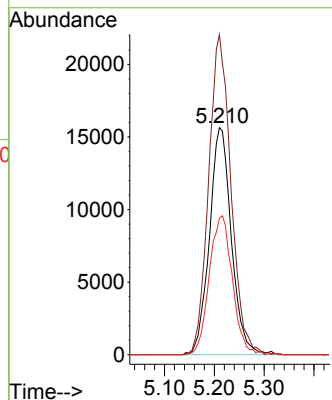
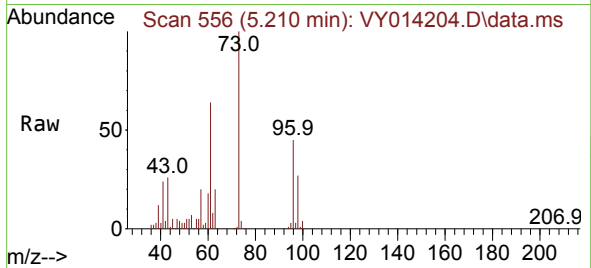




#21
trans-1,2-Dichloroethene
Concen: 19.058 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

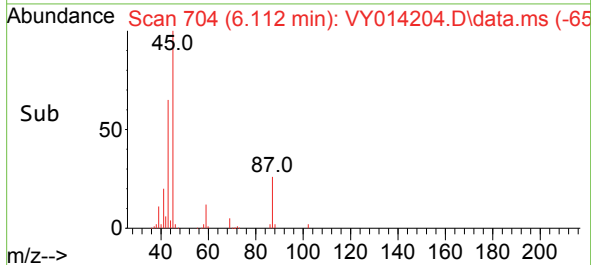
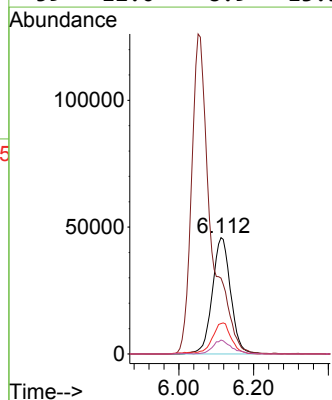
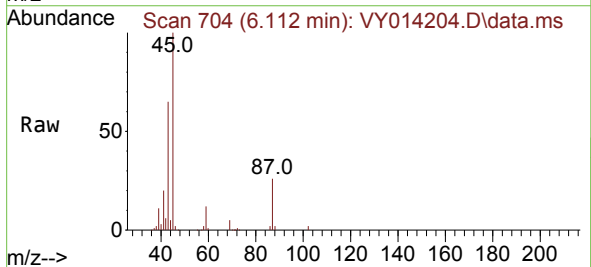
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

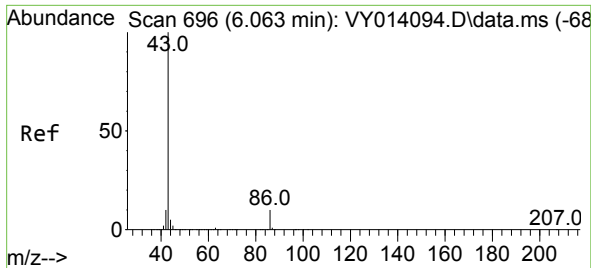
Tgt Ion: 96 Resp: 47867
Ion Ratio Lower Upper
96 100
61 140.9 110.2 165.4
98 60.1 51.8 77.6



#22
Diisopropyl ether
Concen: 19.986 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 45 Resp: 156201
Ion Ratio Lower Upper
45 100
43 65.0 52.2 78.4
87 26.2 21.0 31.6
59 12.0 8.9 13.3

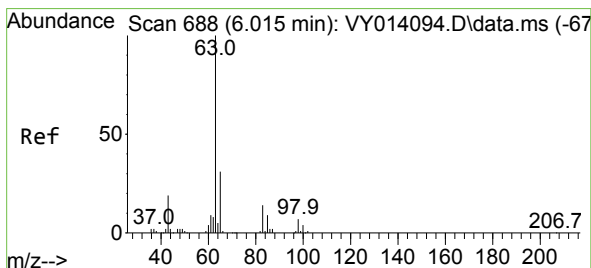
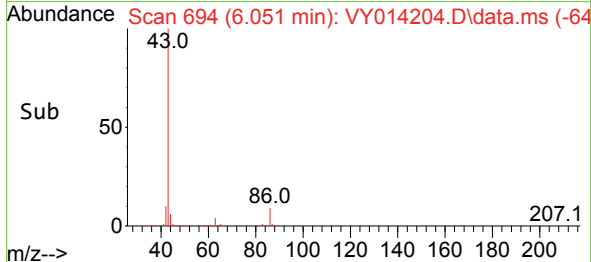
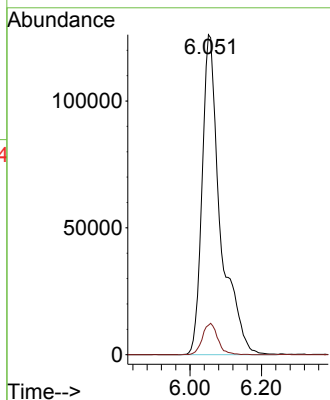
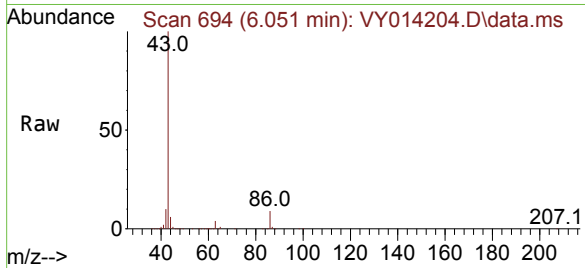




#23
 Vinyl Acetate
 Concen: 97.071 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014204.D
 Acq: 16 Jun 2023 15:34

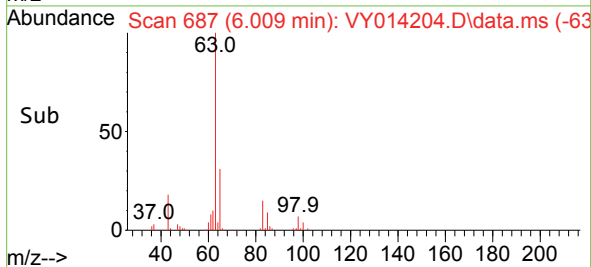
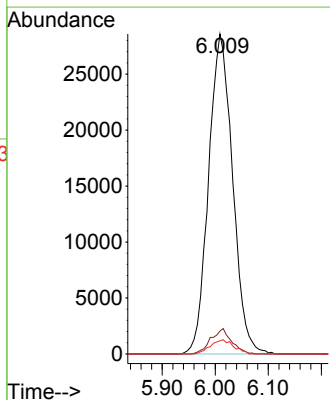
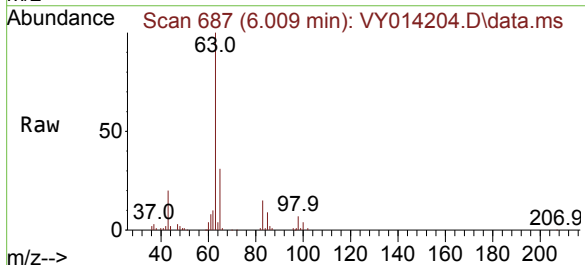
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

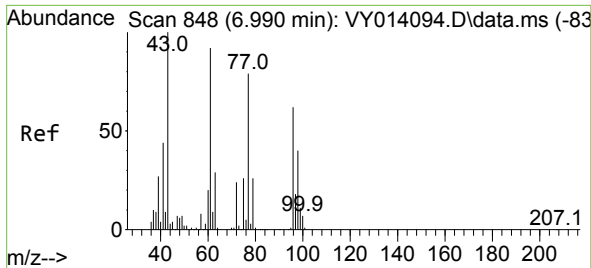
Tgt Ion: 43 Resp: 447620
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.974 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014204.D
 Acq: 16 Jun 2023 15:34

Tgt Ion: 63 Resp: 90007
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.1 1.8 5.5

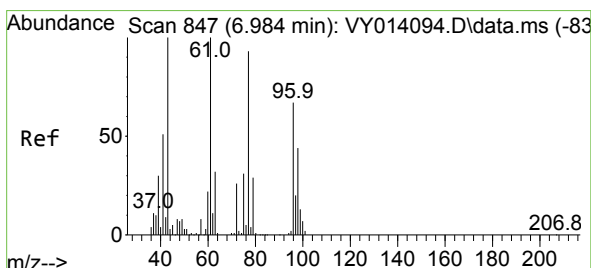
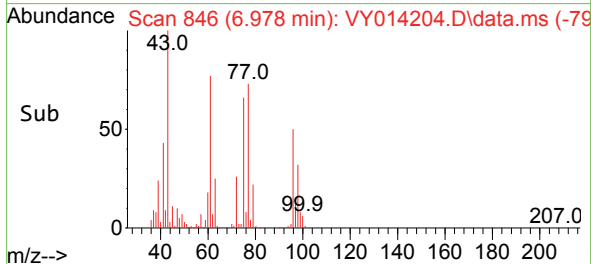
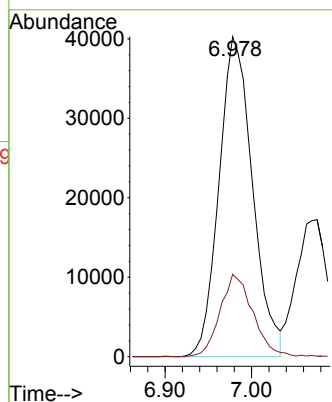
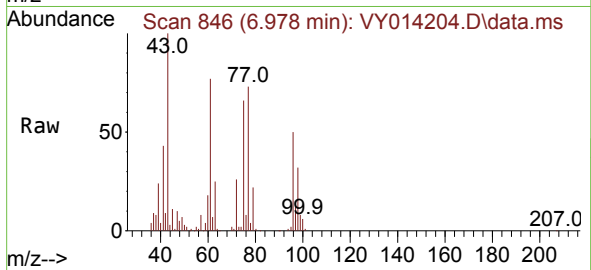




#25
2-Butanone
Concen: 106.182 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

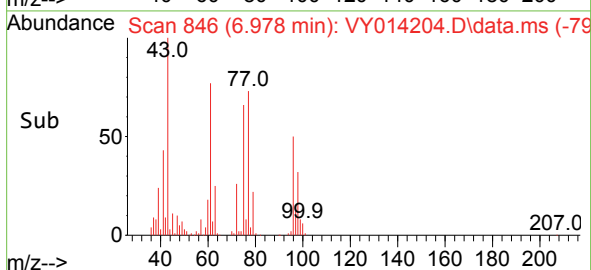
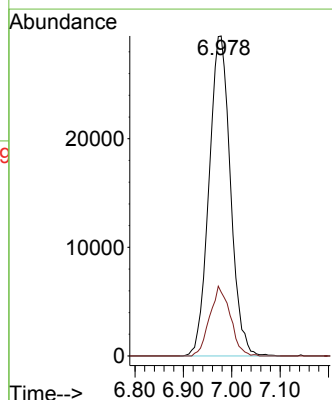
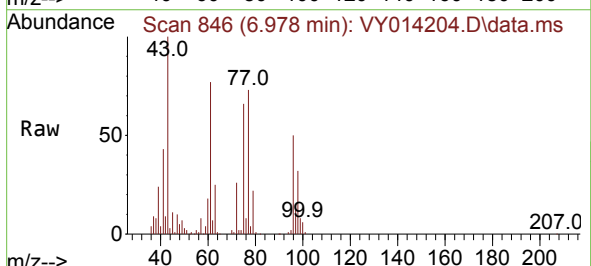
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

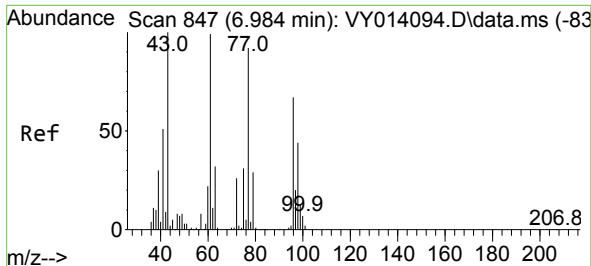
Tgt Ion: 43 Resp: 108205
Ion Ratio Lower Upper
43 100
72 25.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.377 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 77 Resp: 90474
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.051 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

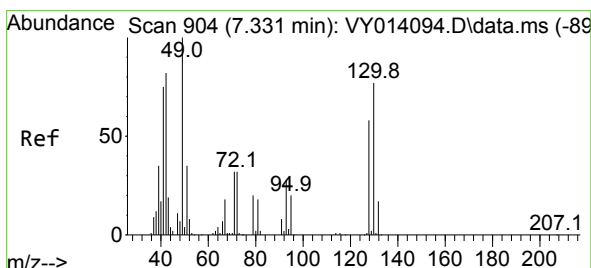
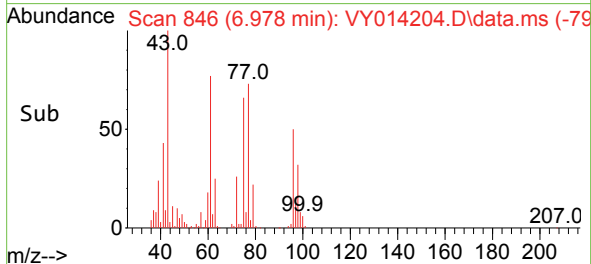
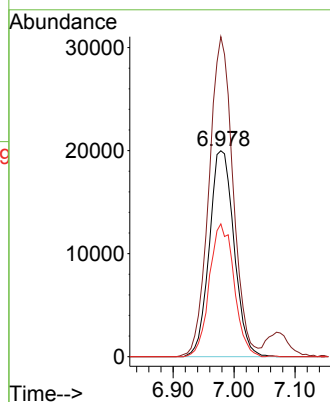
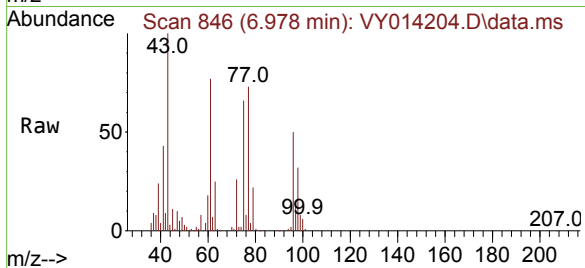
Tgt Ion: 96 Resp: 56337

Ion Ratio Lower Upper

96 100

61 151.2 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 20.398 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

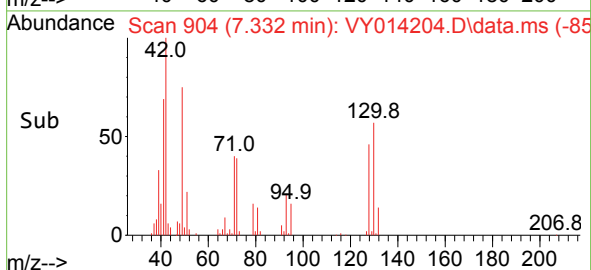
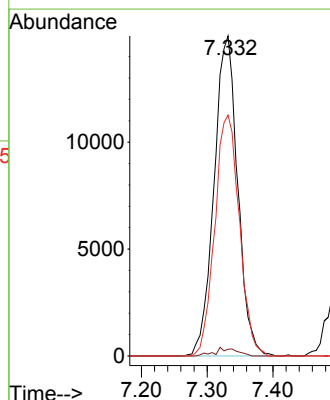
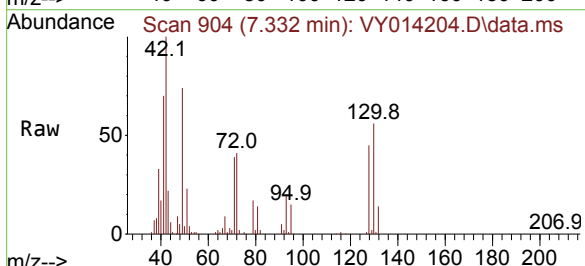
Tgt Ion: 49 Resp: 37379

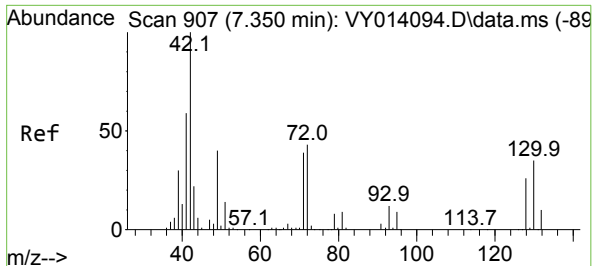
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 78.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 103.695 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

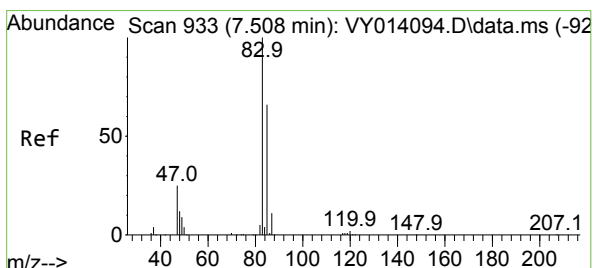
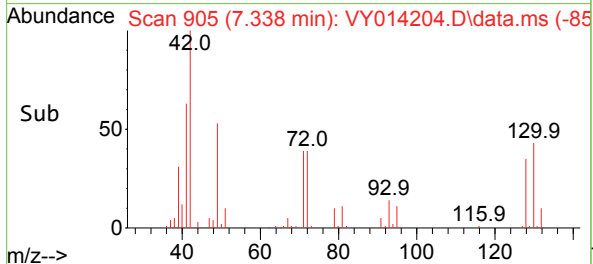
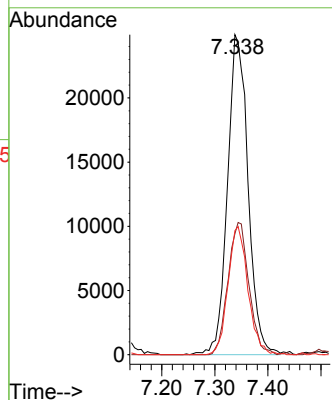
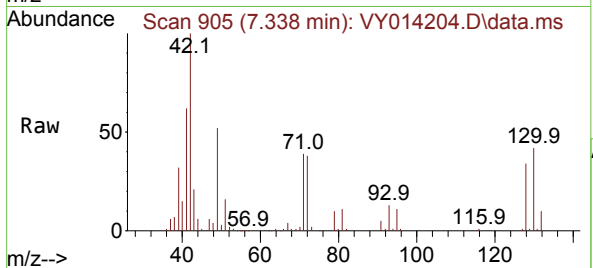
Tgt Ion: 42 Resp: 67007

Ion Ratio Lower Upper

42 100

72 42.1 32.8 49.2

71 39.0 31.0 46.4



#30

Chloroform

Concen: 20.849 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014204.D

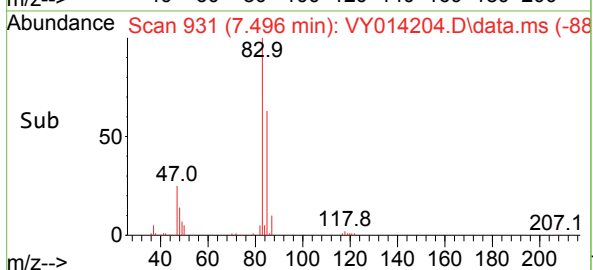
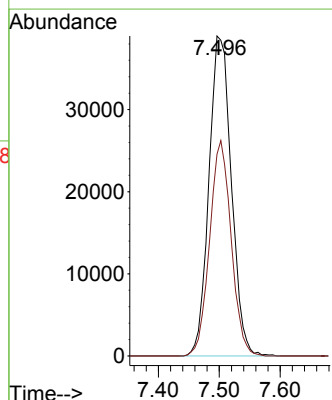
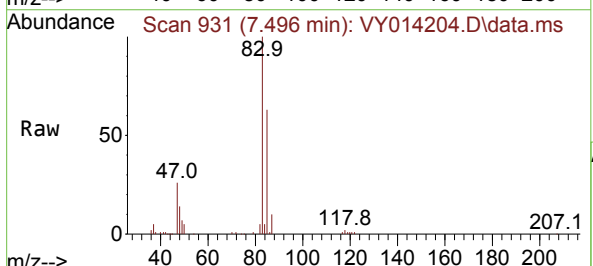
Acq: 16 Jun 2023 15:34

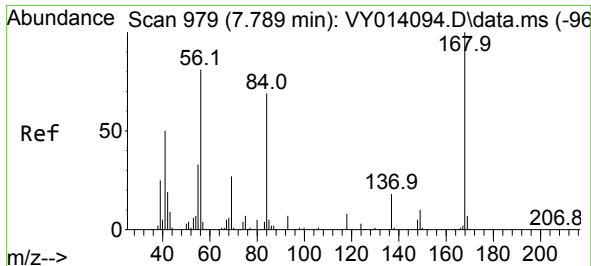
Tgt Ion: 83 Resp: 99670

Ion Ratio Lower Upper

83 100

85 63.0 49.7 74.5

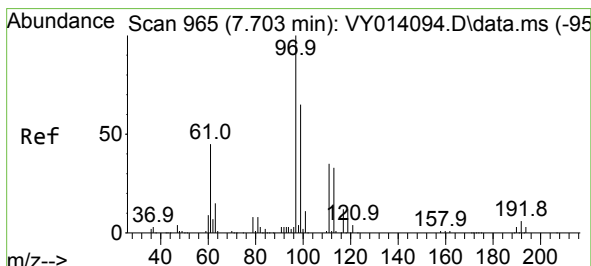
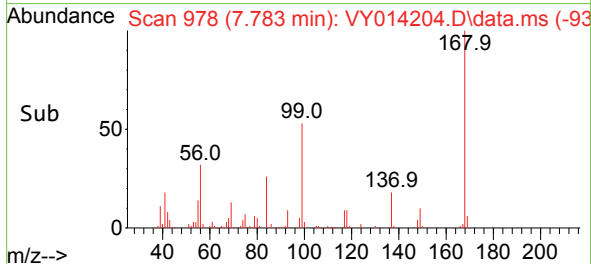
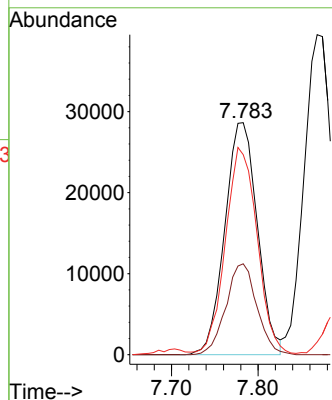
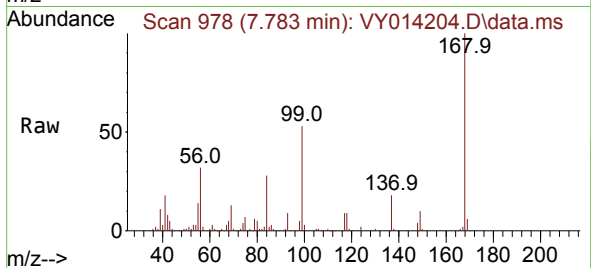




#31
Cyclohexane
Concen: 20.339 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

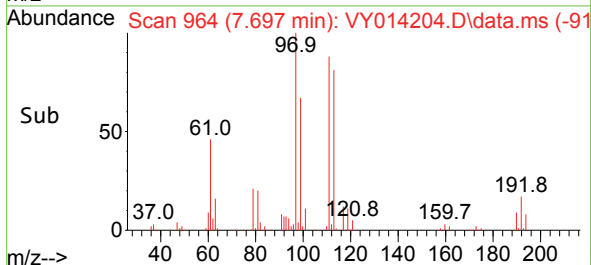
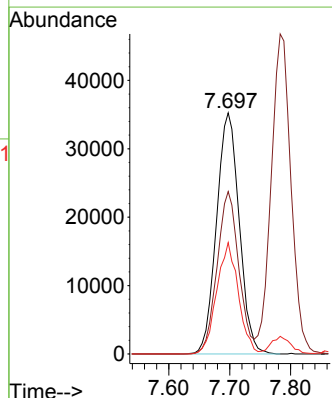
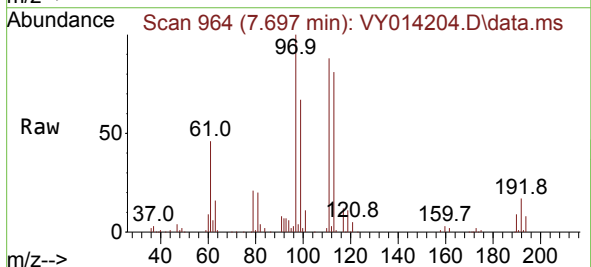
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

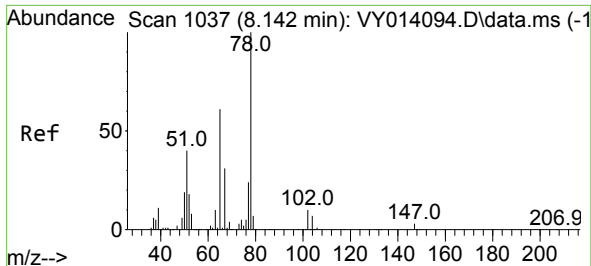
Tgt Ion: 56 Resp: 74828
Ion Ratio Lower Upper
56 100
69 39.2 27.8 41.6
84 84.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.122 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 97 Resp: 91072
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.1 35.1 52.7

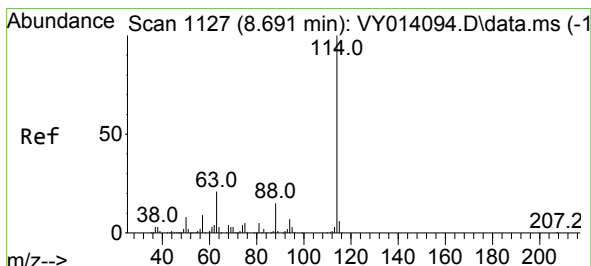
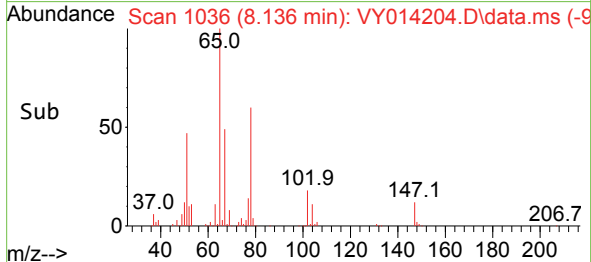
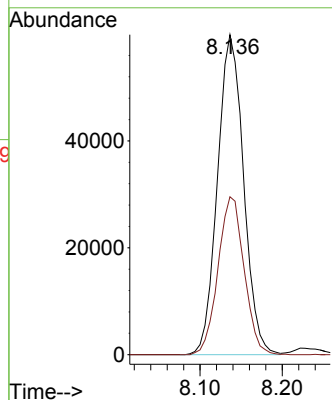
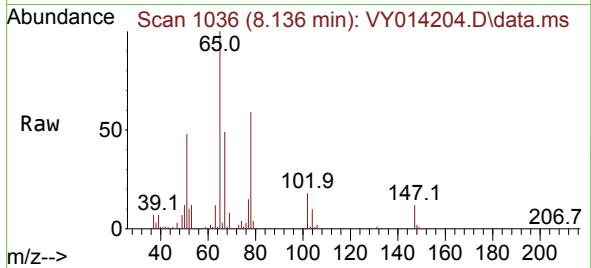




#33
 1,2-Dichloroethane-d4
 Concen: 48.117 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014204.D
 Acq: 16 Jun 2023 15:34

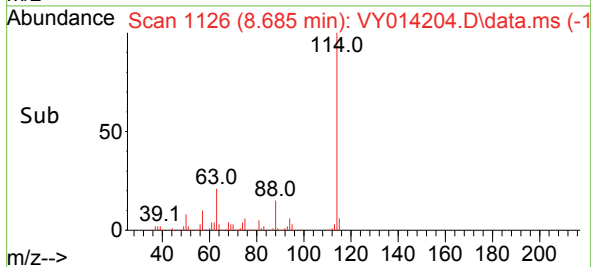
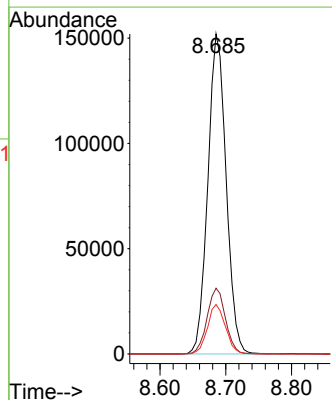
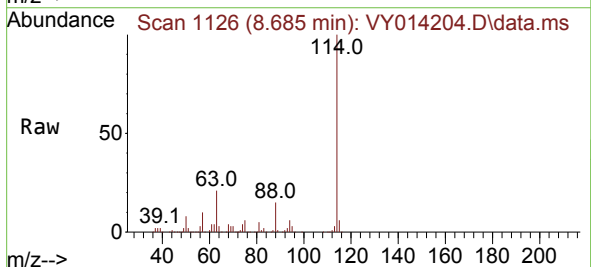
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

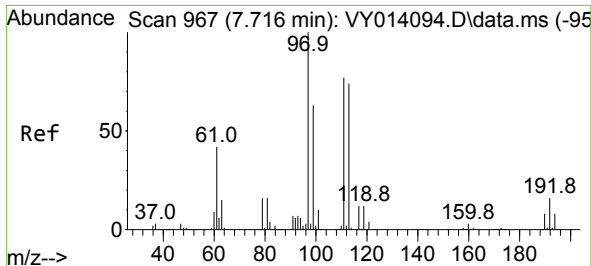
Tgt Ion: 65 Resp: 132148
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014204.D
 Acq: 16 Jun 2023 15:34

Tgt Ion: 114 Resp: 294777
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.5 0.0 30.6

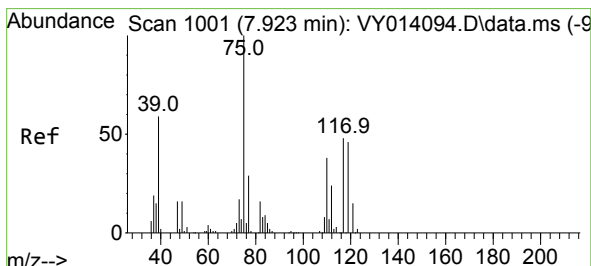
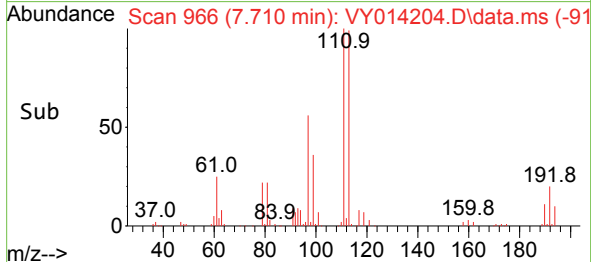
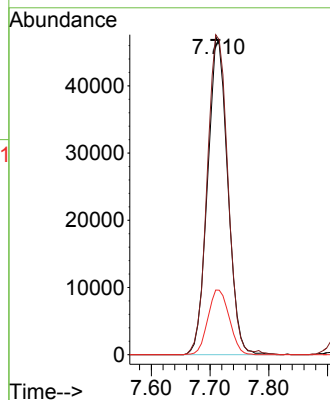
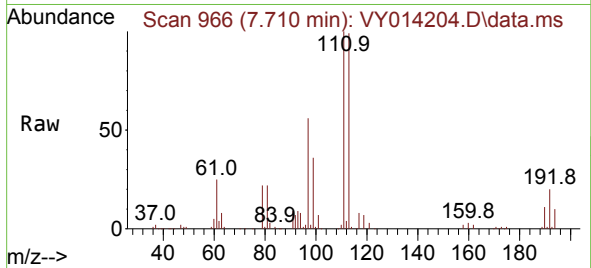




#35
Dibromofluoromethane
Concen: 53.822 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

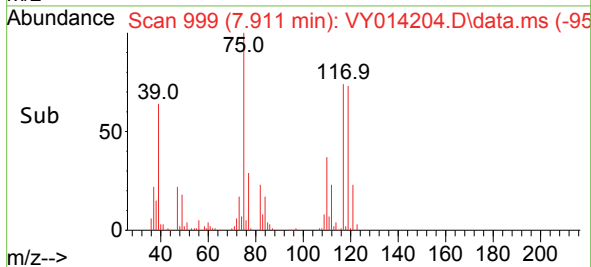
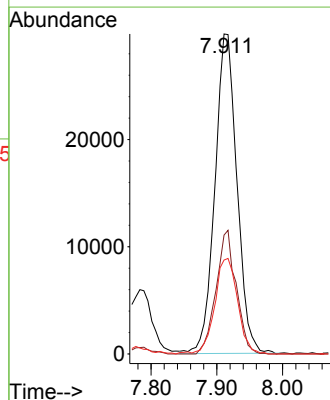
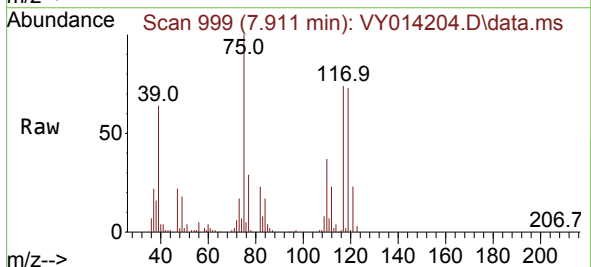
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

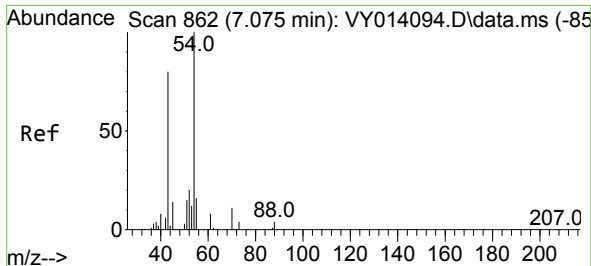
Tgt Ion:113 Resp: 112515
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.305 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 75 Resp: 69435
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.5
77 31.1 24.4 36.6

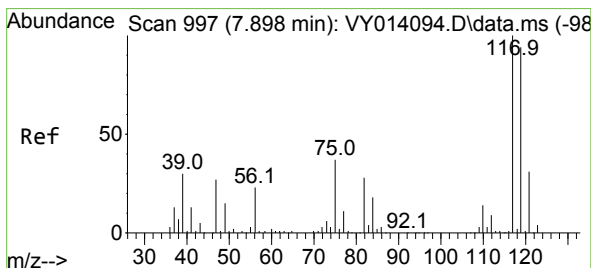
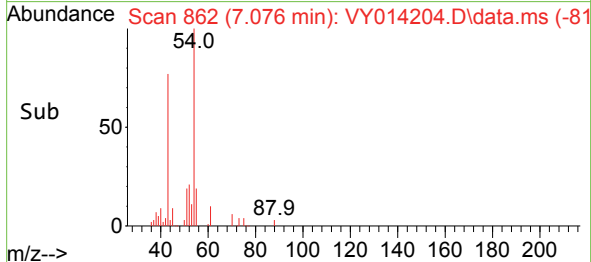
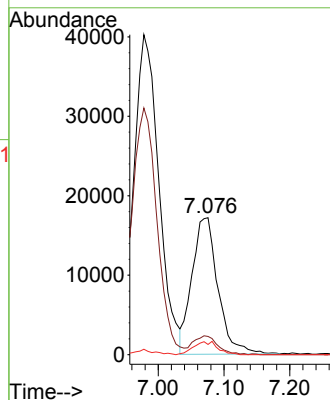
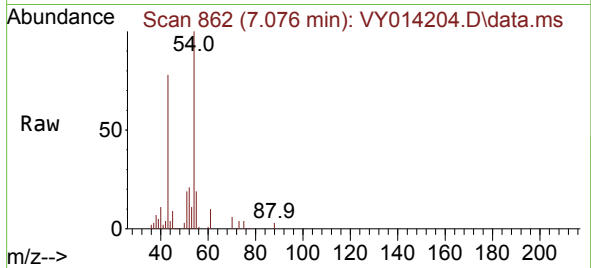




#37
Ethyl Acetate
Concen: 20.982 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

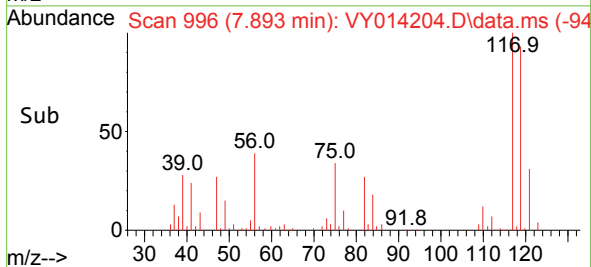
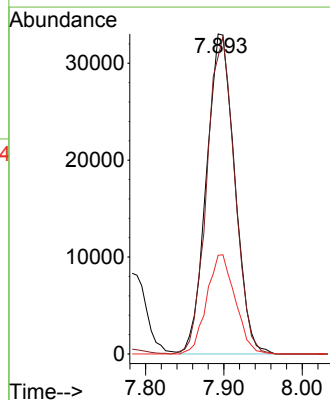
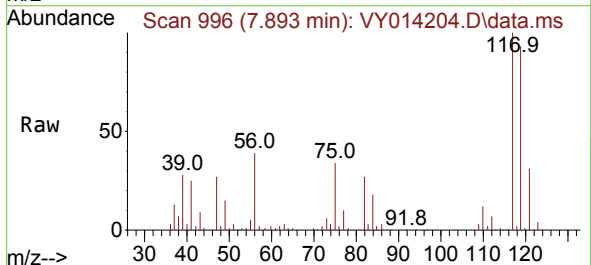
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

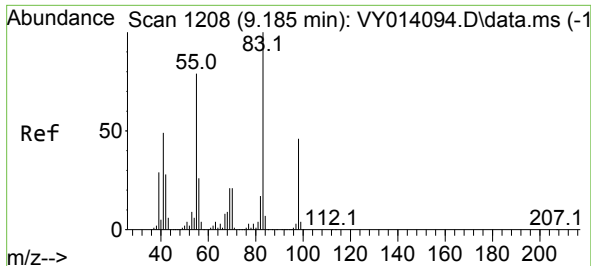
Tgt Ion:	43	Resp:	47183
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.1	15.1
70	8.8	7.1	10.7



#38
Carbon Tetrachloride
Concen: 22.094 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.005 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion:	117	Resp:	83096
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.4	114.6
121	30.8	25.8	38.6





#39

Methylcyclohexane

Concen: 20.979 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

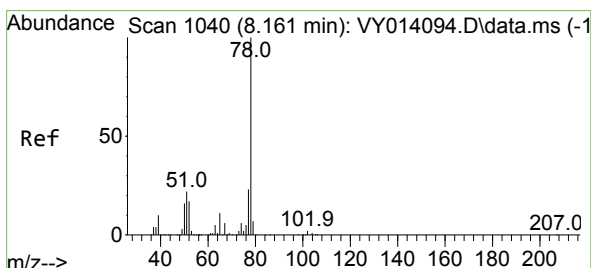
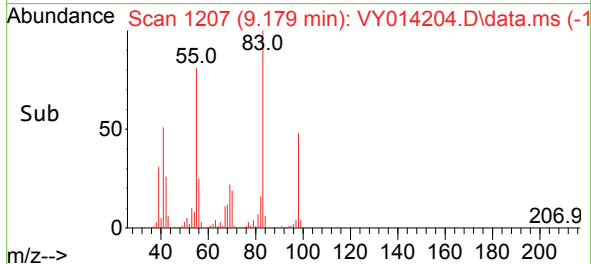
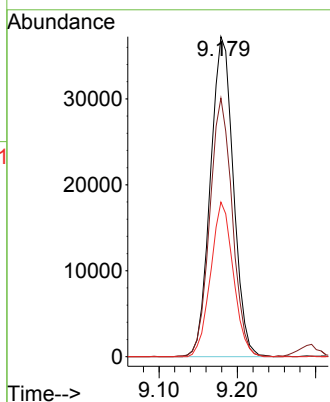
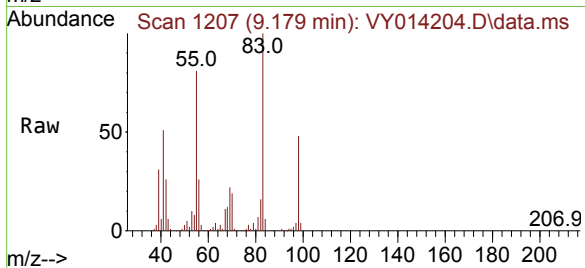
Tgt Ion: 83 Resp: 75859

Ion Ratio Lower Upper

83 100

55 80.6 63.0 94.4

98 48.3 37.4 56.2



#40

Benzene

Concen: 20.982 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014204.D

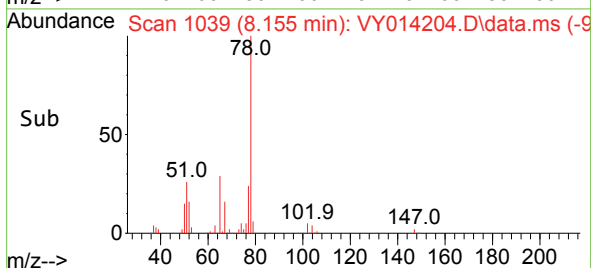
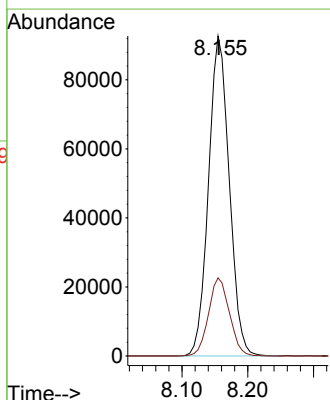
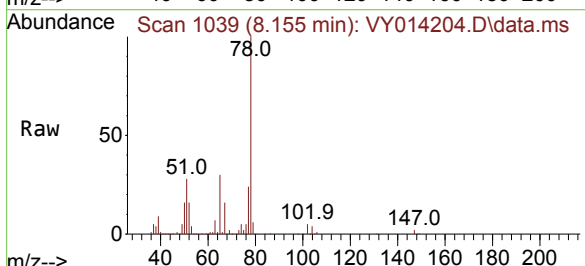
Acq: 16 Jun 2023 15:34

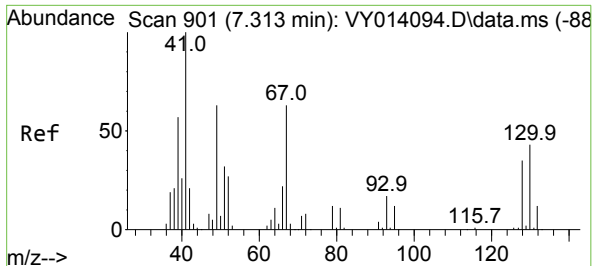
Tgt Ion: 78 Resp: 203341

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

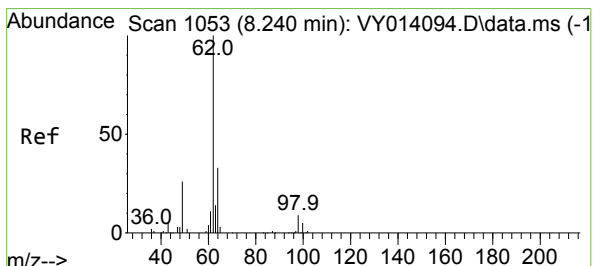
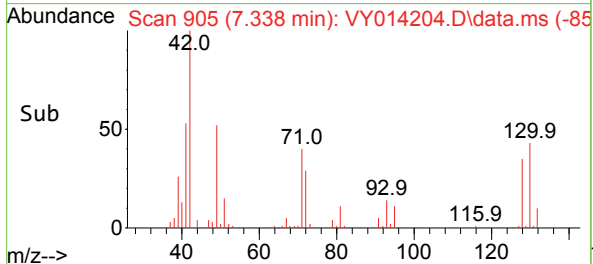
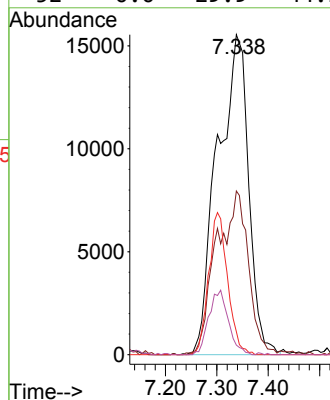
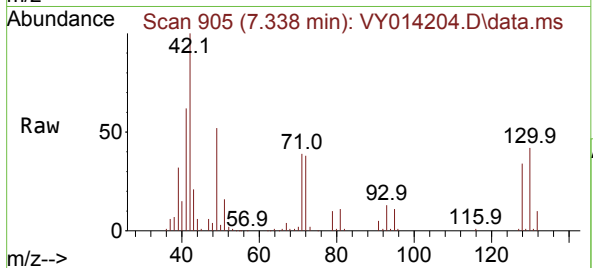




#41
Methacrylonitrile
Concen: 56.746 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

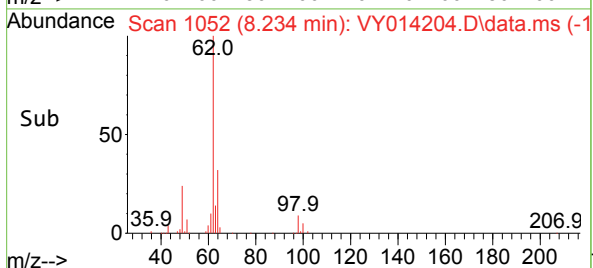
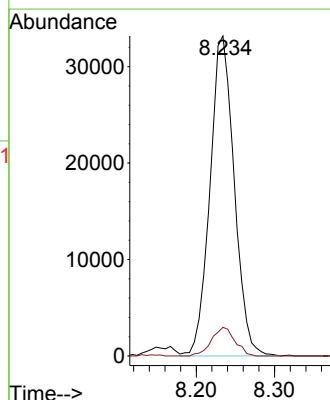
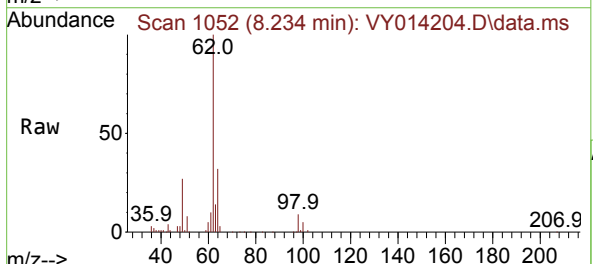
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

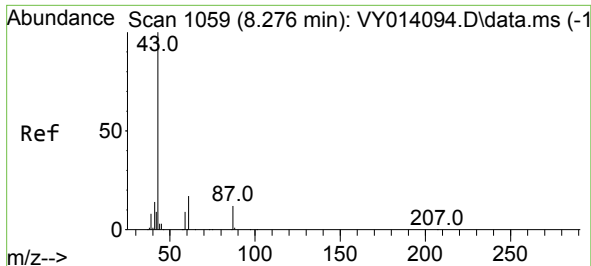
Tgt Ion: 41	Resp: 65124
Ion Ratio	Lower Upper
41 100	
39 29.6	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.861 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 62	Resp: 71491
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 15.8

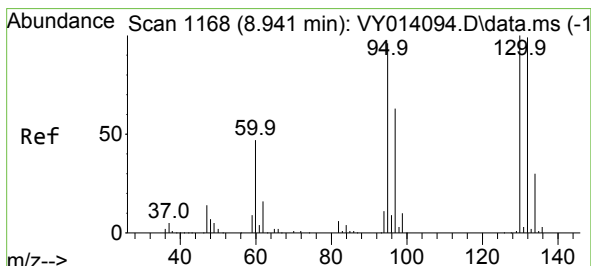
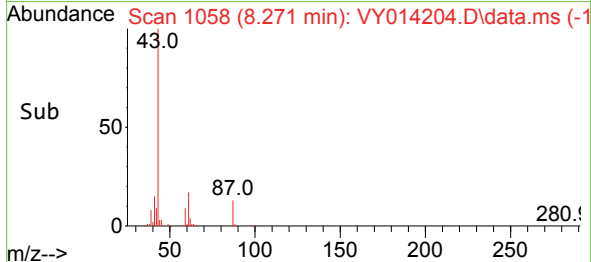
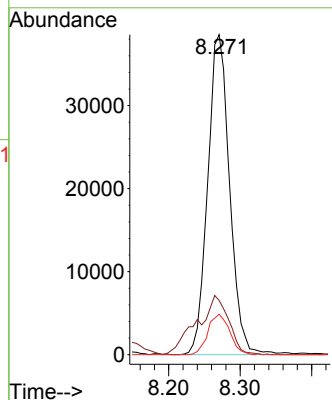
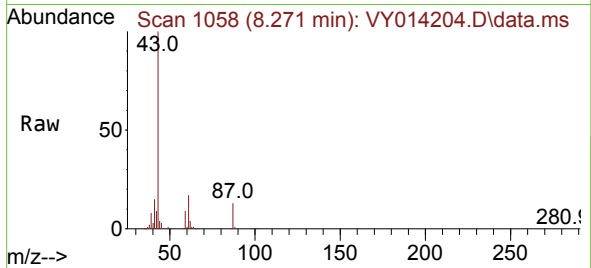




#43
Isopropyl Acetate
Concen: 20.834 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

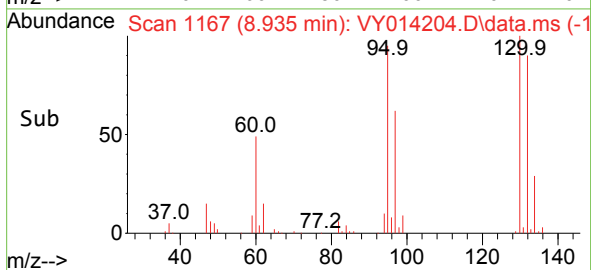
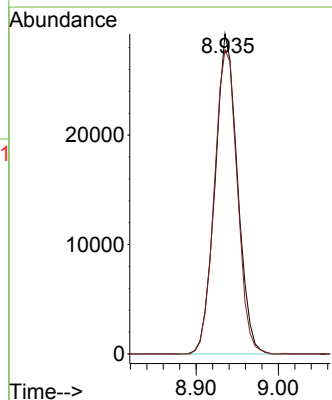
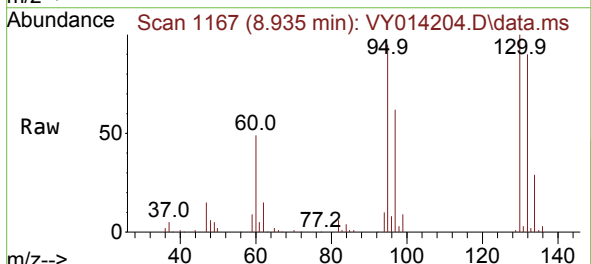
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

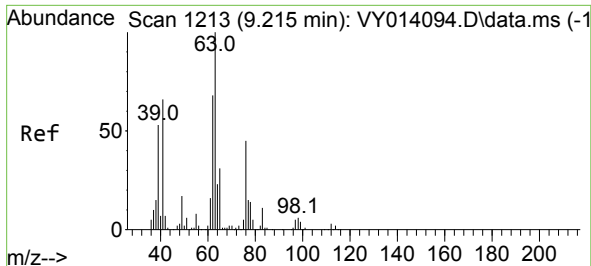
Tgt Ion: 43 Resp: 82114
Ion Ratio Lower Upper
43 100
61 26.9 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 21.447 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 130 Resp: 55533
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.359 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

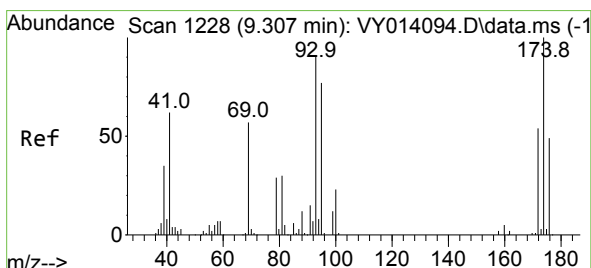
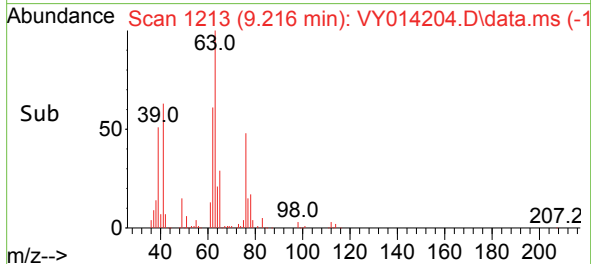
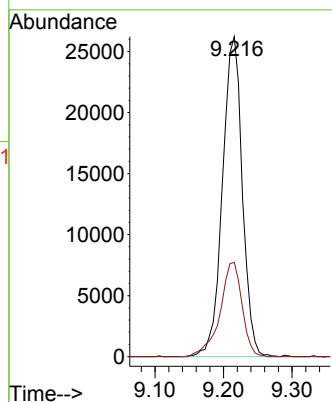
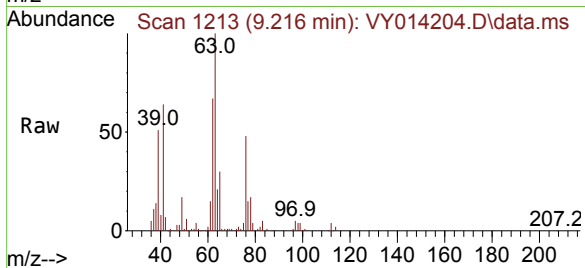
VY0616SBS01

Tgt Ion: 63 Resp: 52576

Ion Ratio Lower Upper

63 100

65 29.5 23.8 35.6



#46

Dibromomethane

Concen: 21.007 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

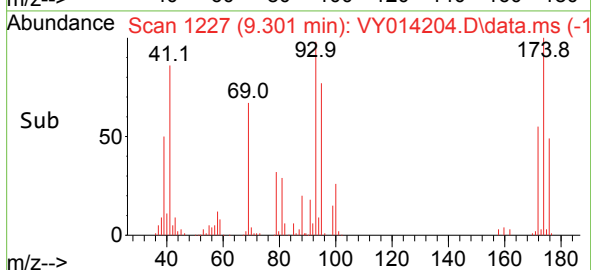
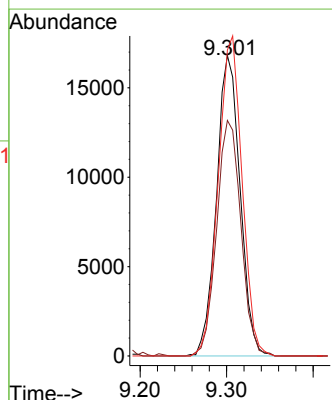
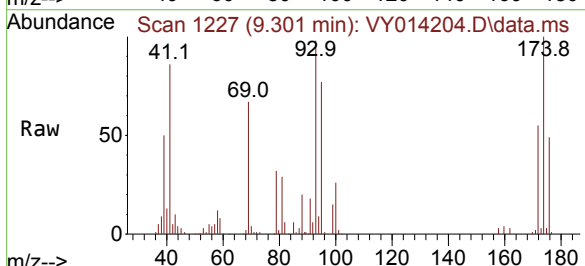
Tgt Ion: 93 Resp: 31830

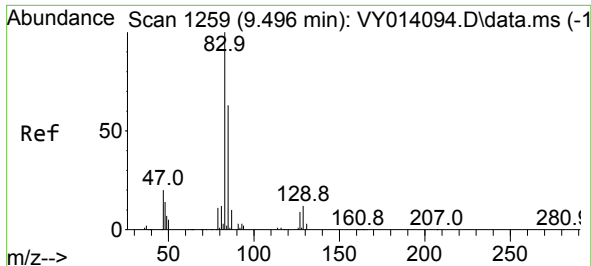
Ion Ratio Lower Upper

93 100

95 80.6 66.6 100.0

174 107.5 84.8 127.2

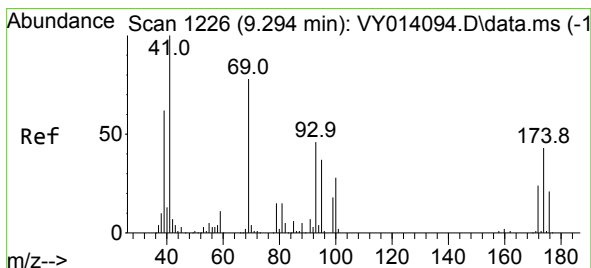
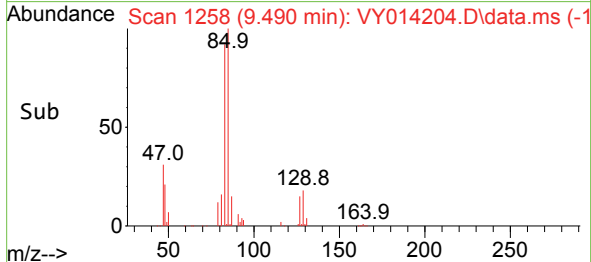
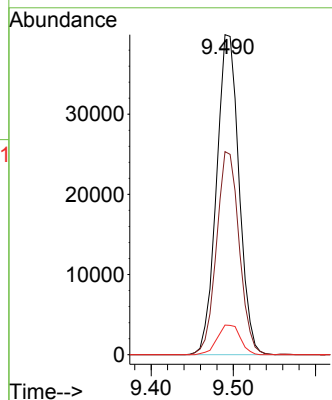
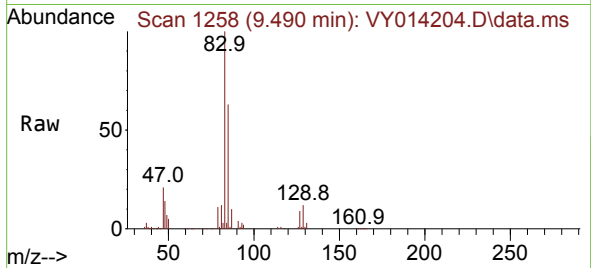




#47
Bromodichloromethane
Concen: 21.371 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

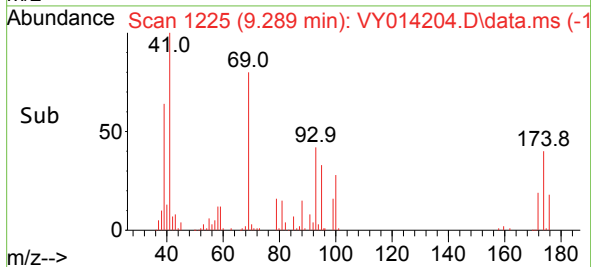
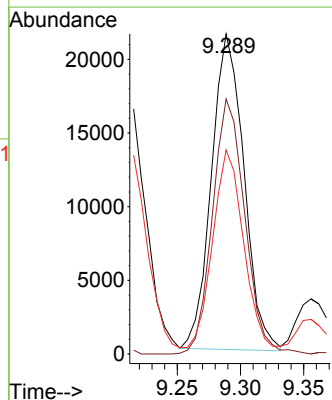
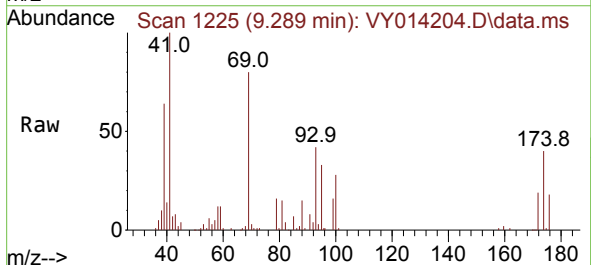
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

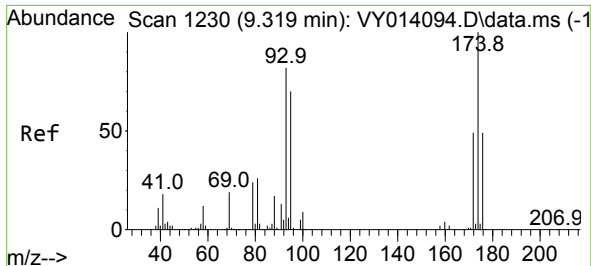
Tgt Ion: 83 Resp: 75822
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 20.801 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 41 Resp: 38238
Ion Ratio Lower Upper
41 100
69 80.5 64.5 96.7
39 59.6 50.8 76.2





#49

1,4-Dioxane

Concen: 484.433 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

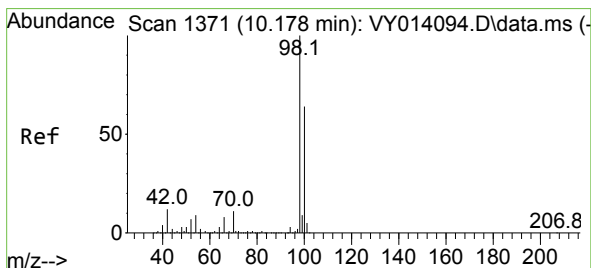
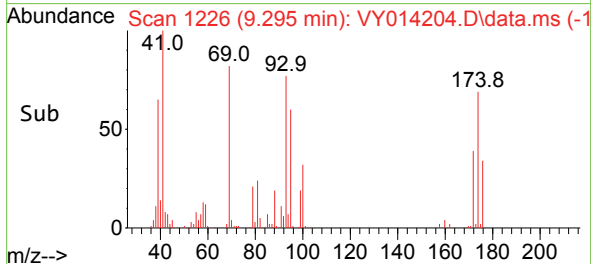
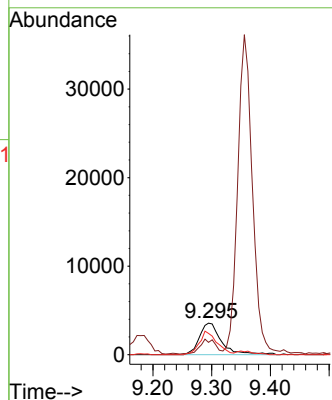
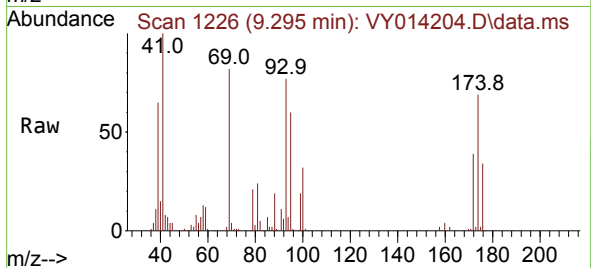
Tgt Ion: 88 Resp: 9327

Ion Ratio Lower Upper

88 100

43 34.7 0.0 0.0#

58 59.3 30.9 46.3#



#50

Toluene-d8

Concen: 48.918 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014204.D

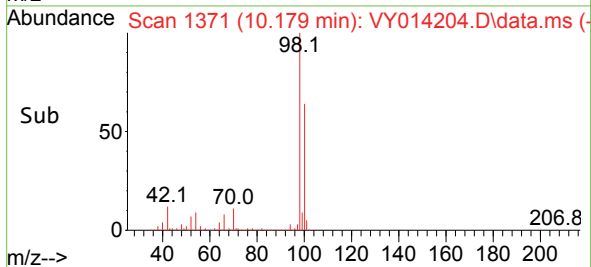
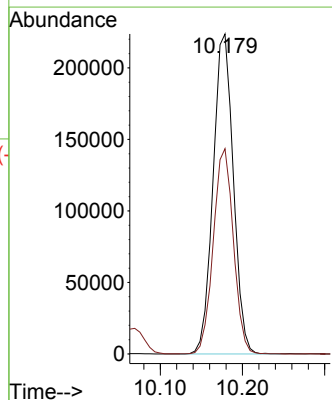
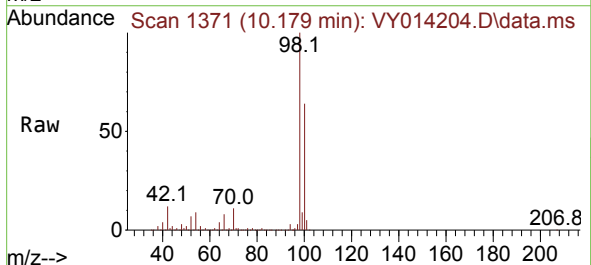
Acq: 16 Jun 2023 15:34

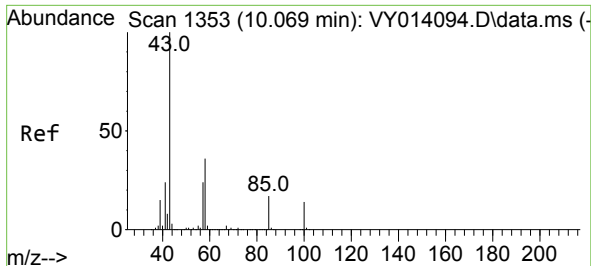
Tgt Ion: 98 Resp: 382318

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1

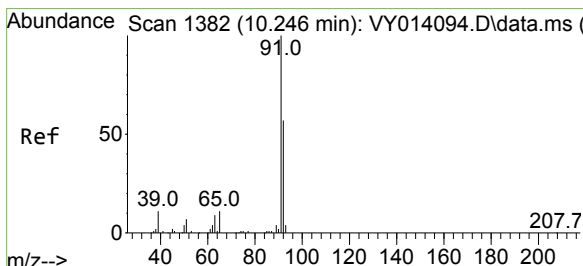
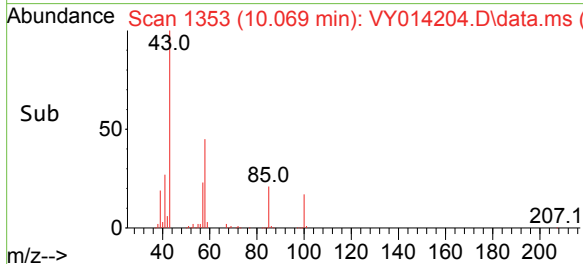
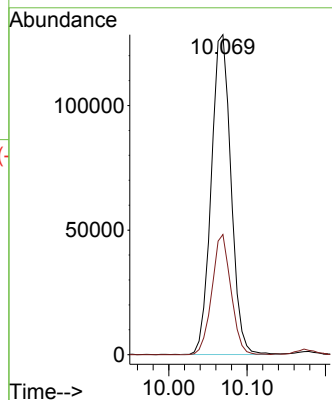
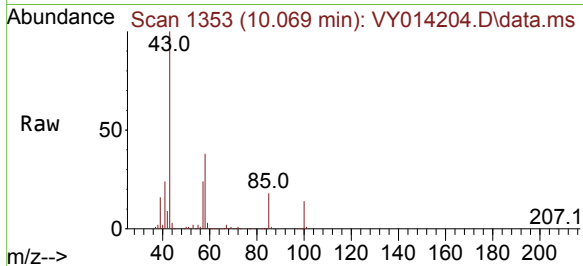




#51
4-Methyl-2-Pentanone
Concen: 105.044 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

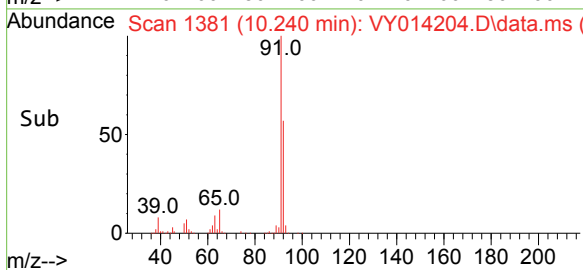
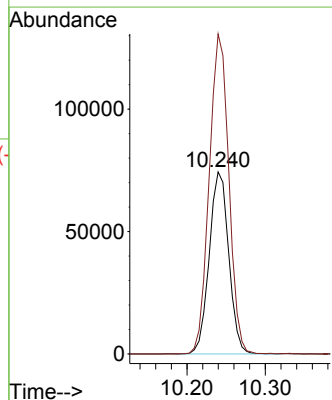
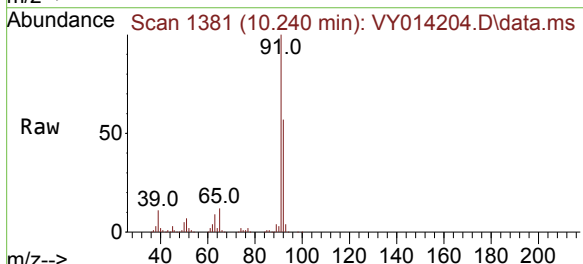
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

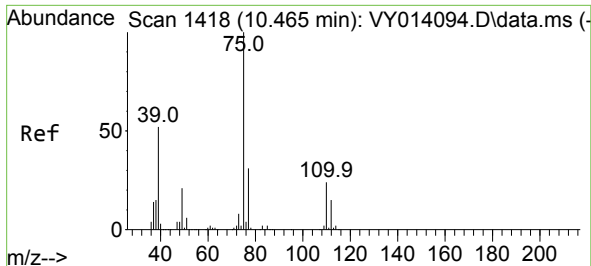
Tgt Ion: 43 Resp: 224927
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 21.384 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 92 Resp: 128467
Ion Ratio Lower Upper
92 100
91 176.6 143.8 215.6

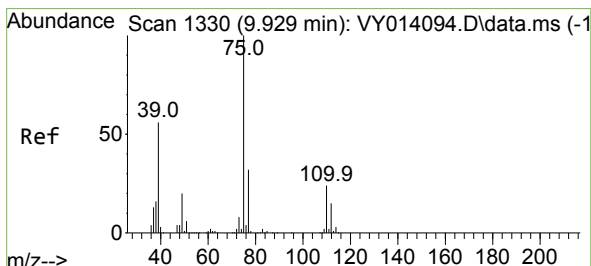
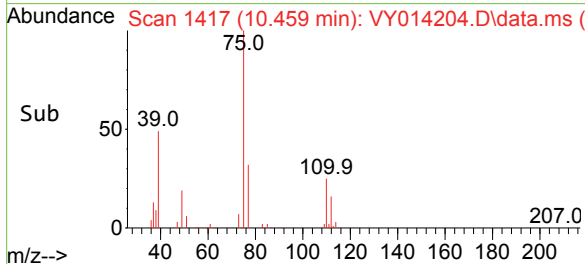
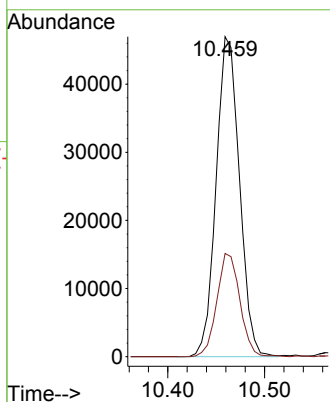
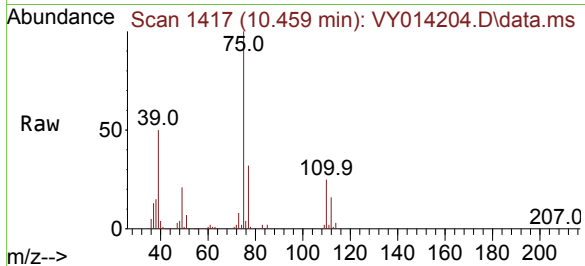




#53
t-1,3-Dichloropropene
Concen: 21.015 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

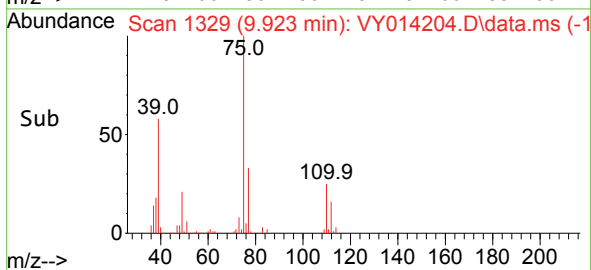
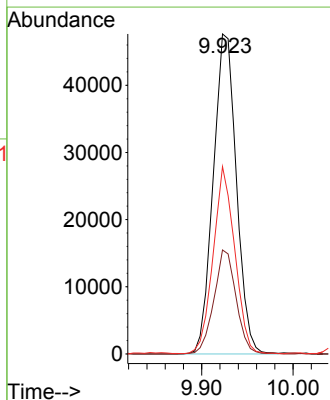
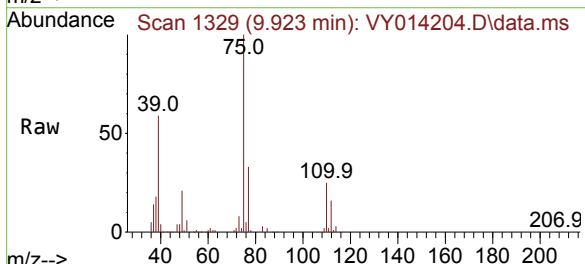
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

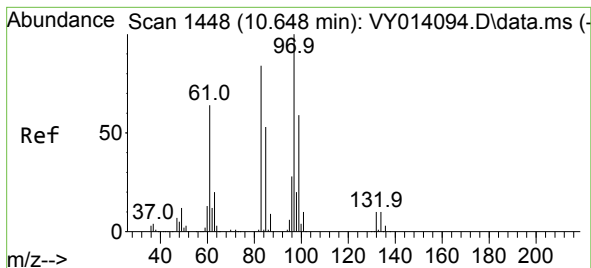
Tgt Ion: 75 Resp: 78490
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.606 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 75 Resp: 83969
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 58.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.556 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

Tgt Ion: 97 Resp: 43322

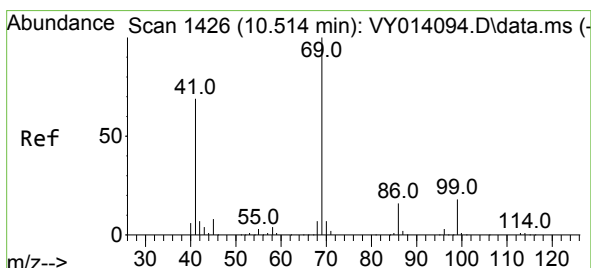
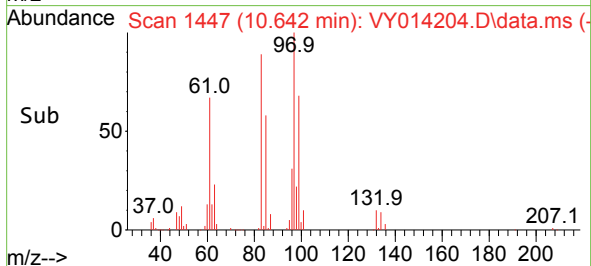
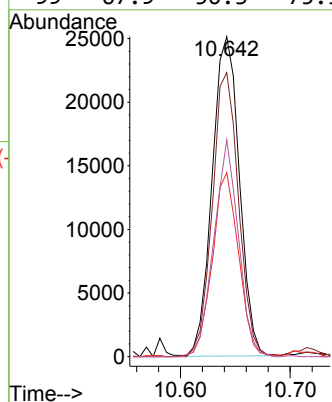
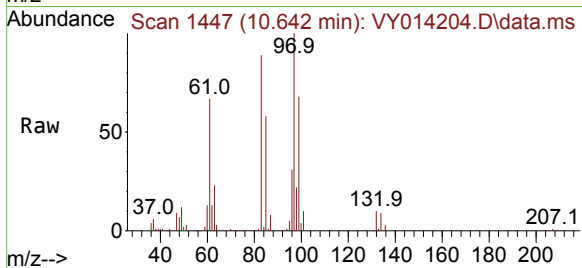
Ion Ratio Lower Upper

97 100

83 88.8 72.0 108.0

85 57.7 45.4 68.0

99 67.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.256 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

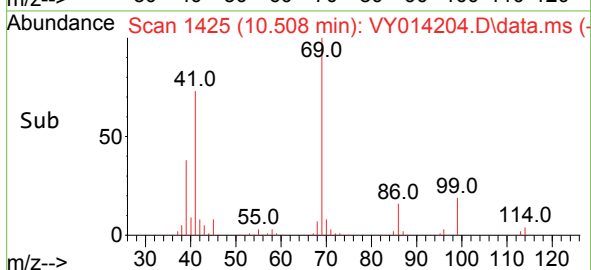
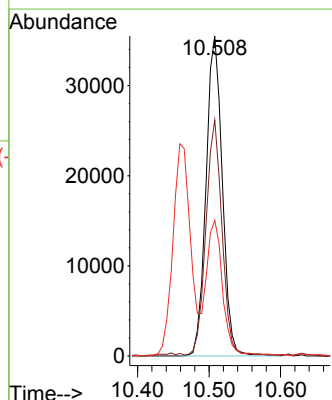
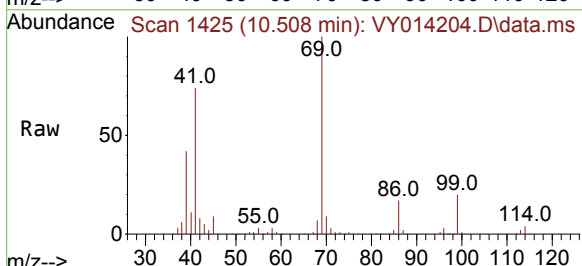
Tgt Ion: 69 Resp: 56153

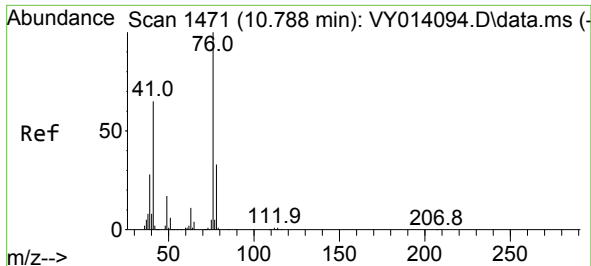
Ion Ratio Lower Upper

69 100

41 72.4 57.6 86.4

39 40.3 34.1 51.1

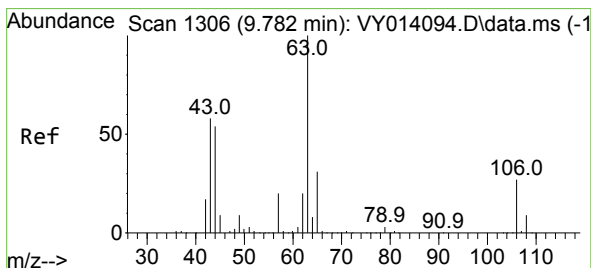
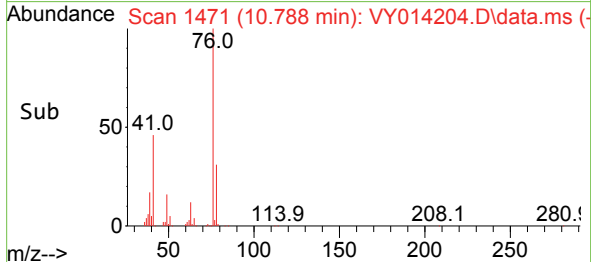
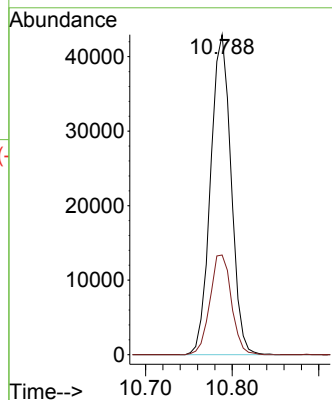
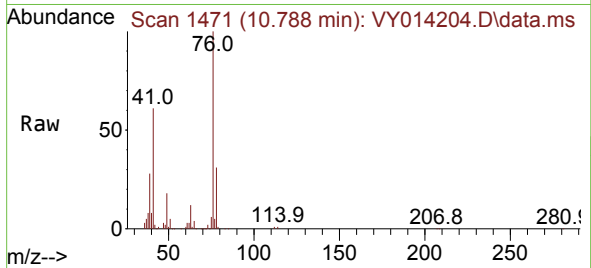




#57
1,3-Dichloropropane
Concen: 20.558 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

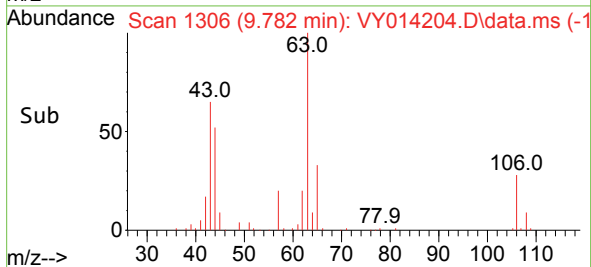
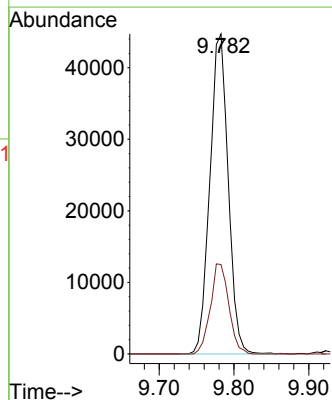
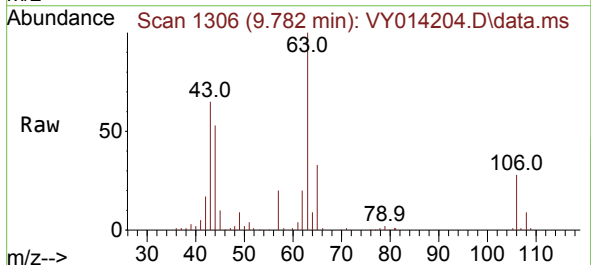
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

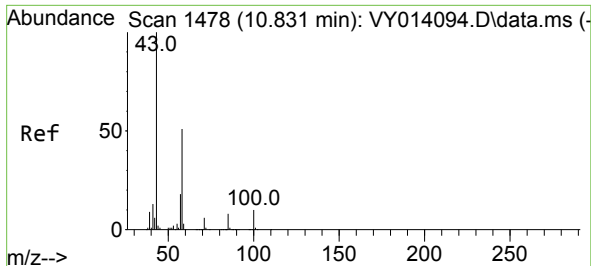
Tgt Ion: 76 Resp: 70664
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 83.076 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 63 Resp: 76175
Ion Ratio Lower Upper
63 100
106 28.2 21.2 31.8

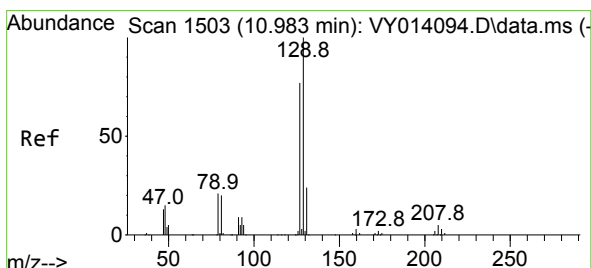
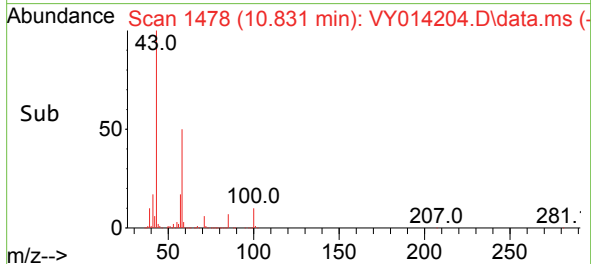
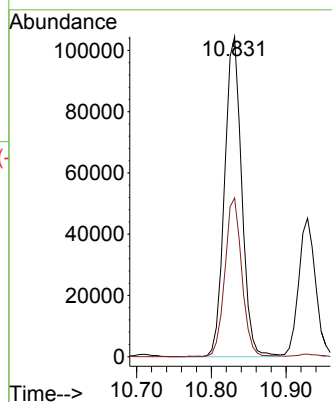
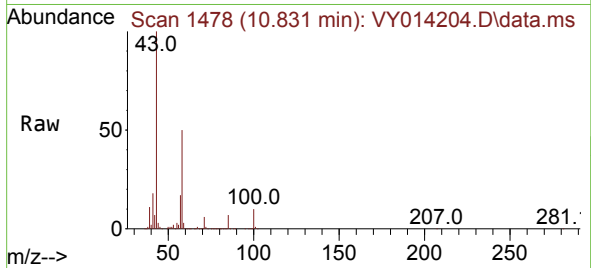




#59
2-Hexanone
Concen: 107.631 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

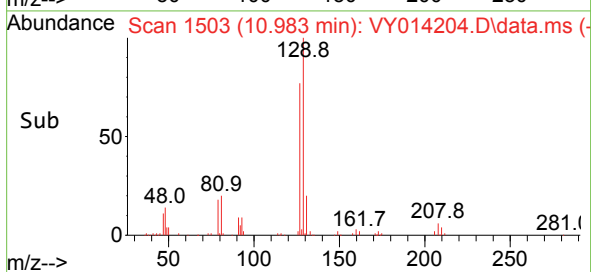
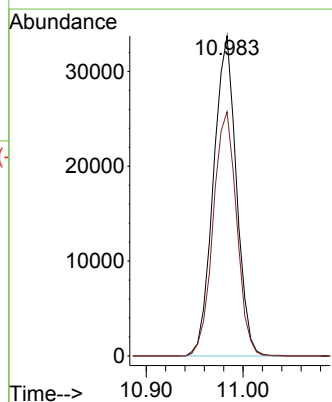
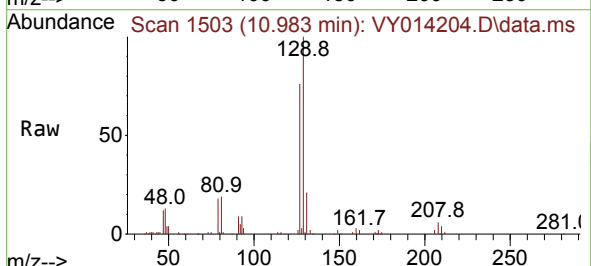
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

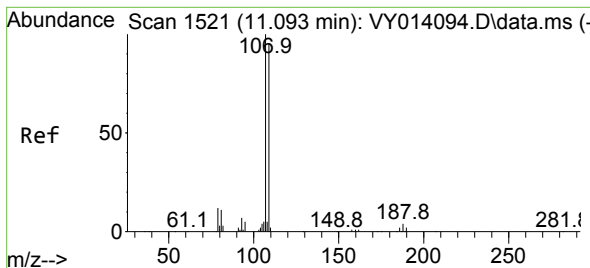
Tgt Ion: 43 Resp: 166456
Ion Ratio Lower Upper
43 100
58 49.1 25.1 75.3



#60
Dibromochloromethane
Concen: 21.596 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 129 Resp: 55551
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

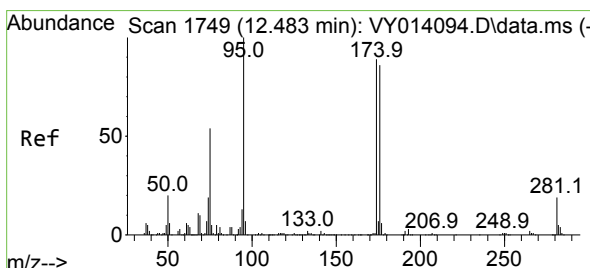
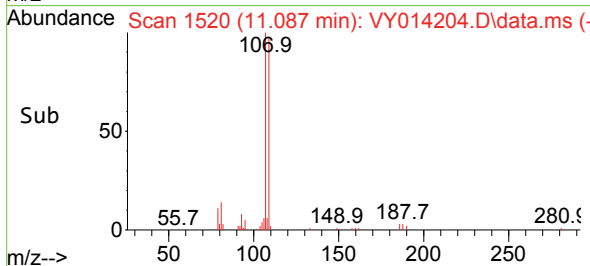
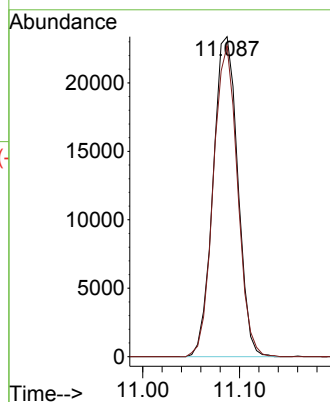
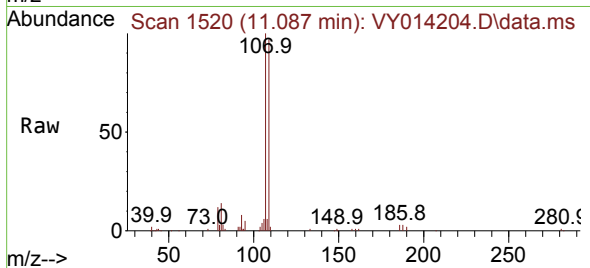




#61
1,2-Dibromoethane
Concen: 20.833 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

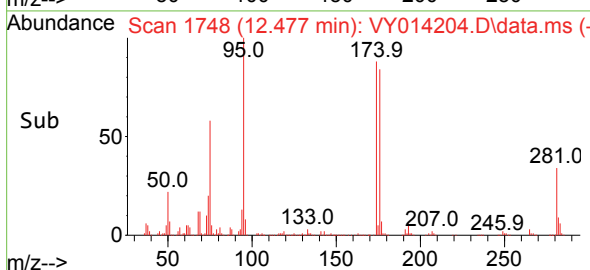
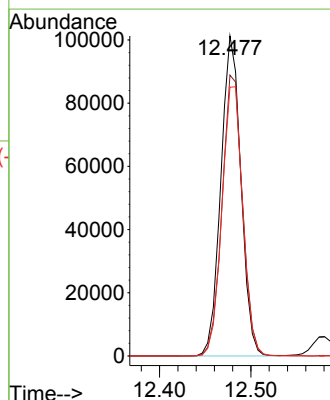
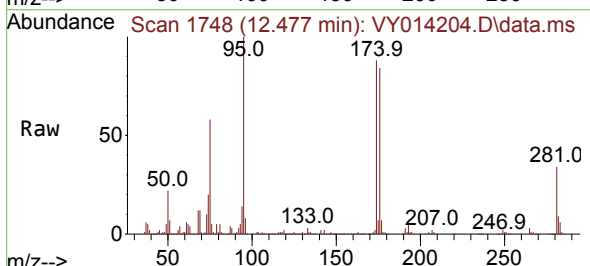
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

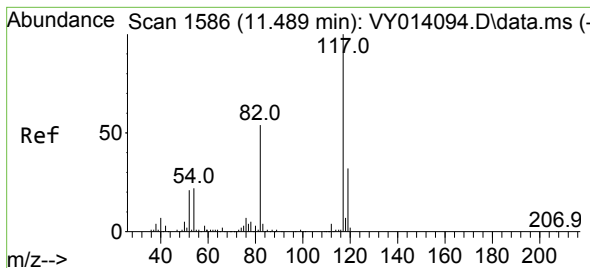
Tgt Ion:107 Resp: 41323
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.542 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 95 Resp: 154202
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.2
176 87.5 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: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

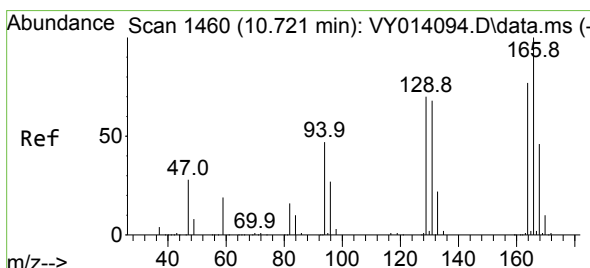
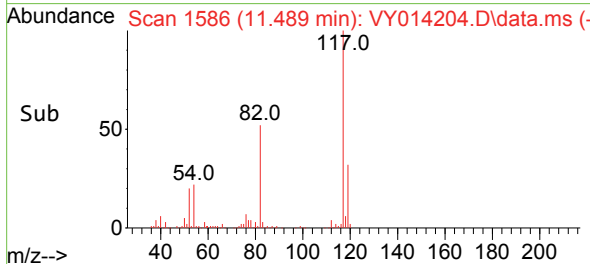
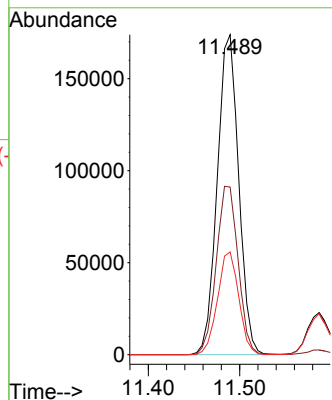
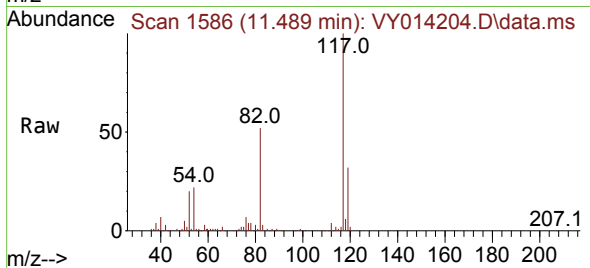
Tgt Ion:117 Resp: 283473

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 21.523 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Tgt Ion:164 Resp: 52004

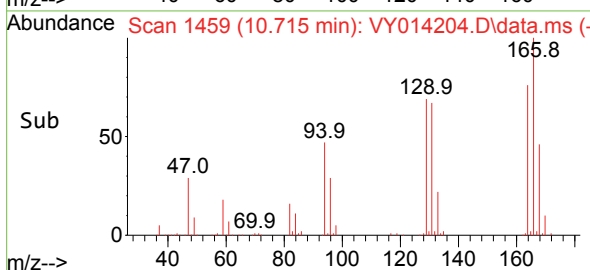
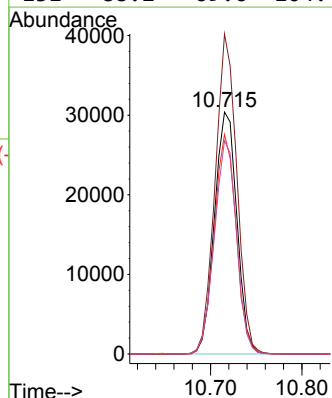
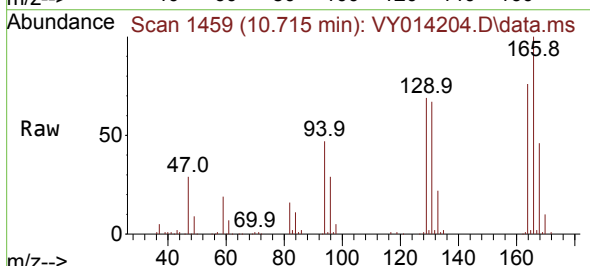
Ion Ratio Lower Upper

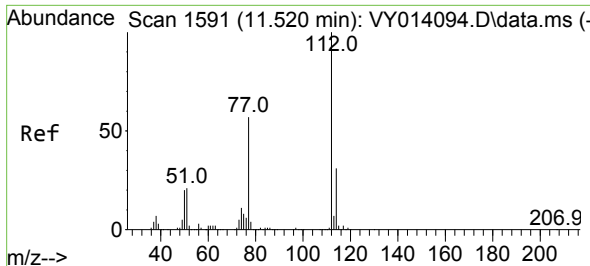
164 100

166 132.3 103.0 154.6

129 90.7 77.2 115.8

131 88.2 69.6 104.4

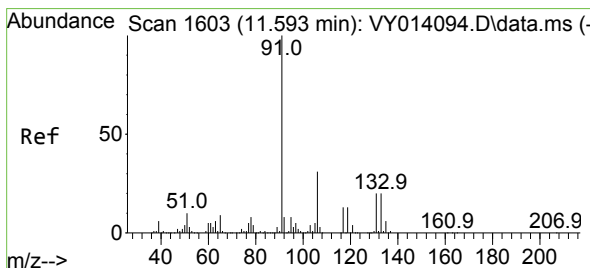
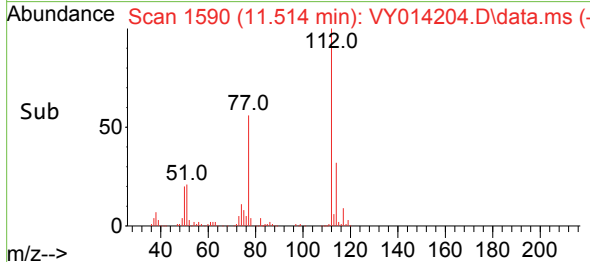
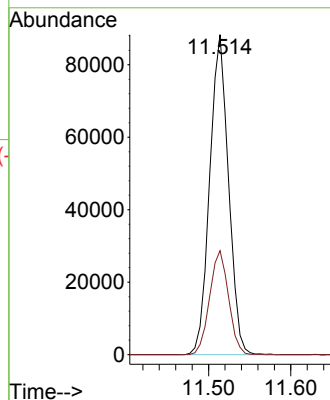
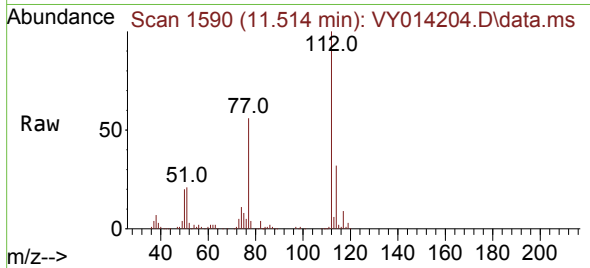




#65
Chlorobenzene
Concen: 20.540 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

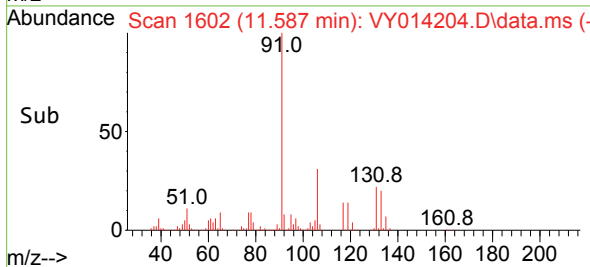
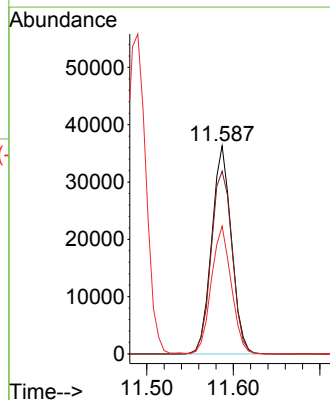
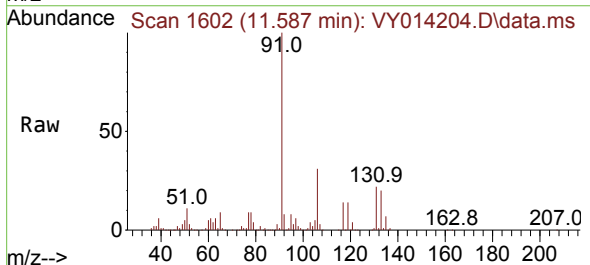
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

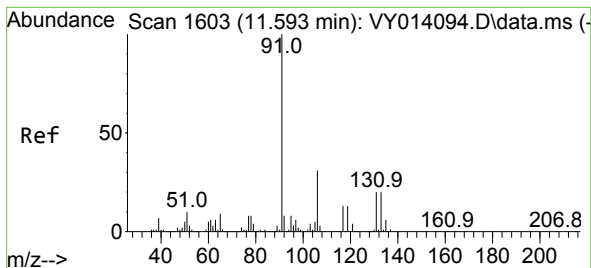
Tgt Ion:112 Resp: 139908
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.490 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion:131 Resp: 57573
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.6
119 62.1 31.6 94.7





#67

Ethyl Benzene

Concen: 21.163 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

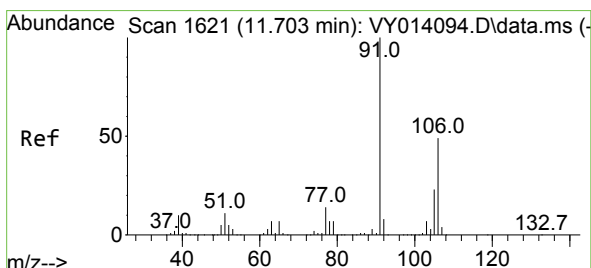
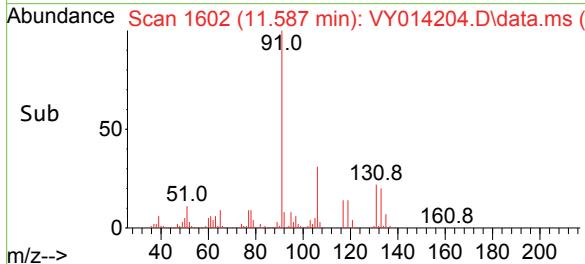
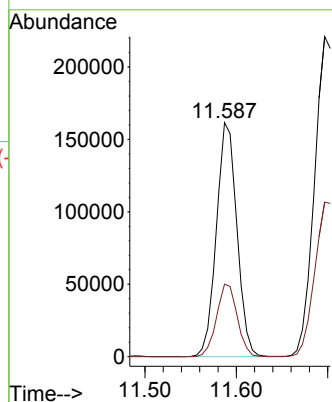
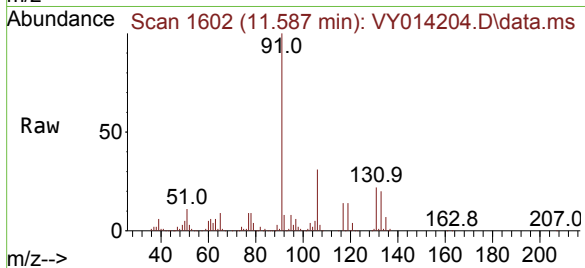
VY0616SBS01

Tgt Ion: 91 Resp: 252319

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 43.222 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014204.D

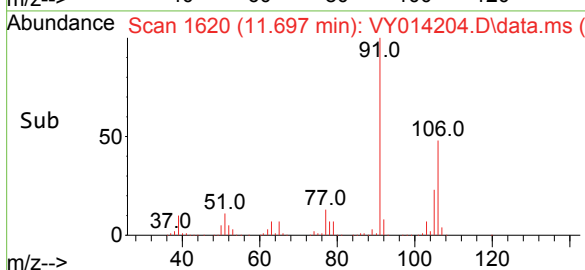
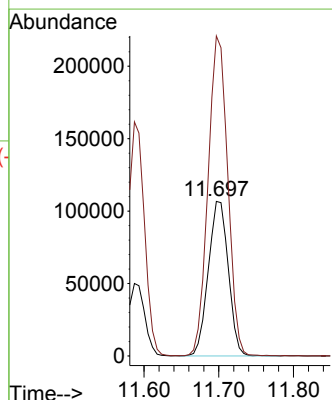
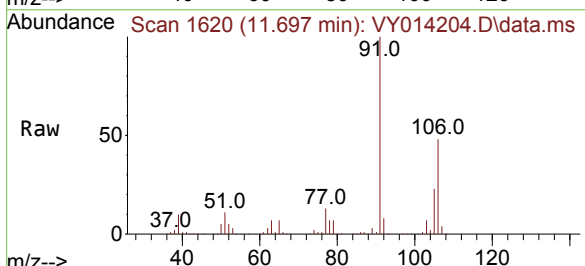
Acq: 16 Jun 2023 15:34

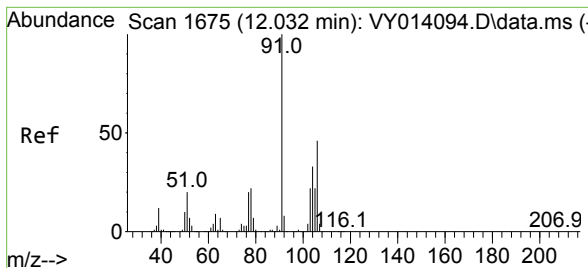
Tgt Ion:106 Resp: 198212

Ion Ratio Lower Upper

106 100

91 203.9 166.1 249.1

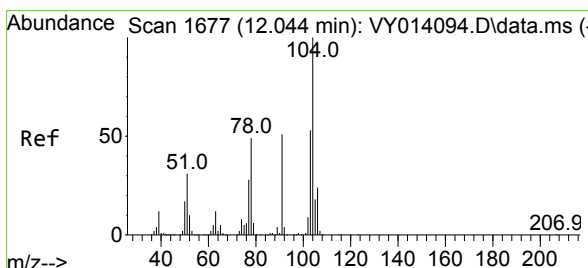
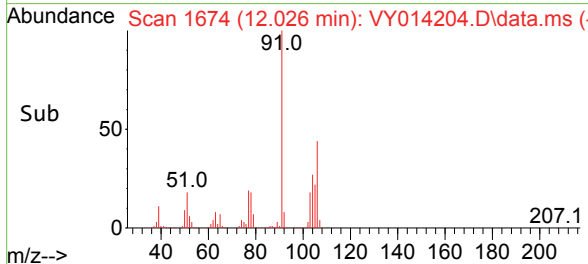
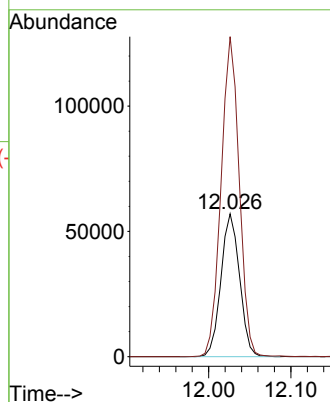
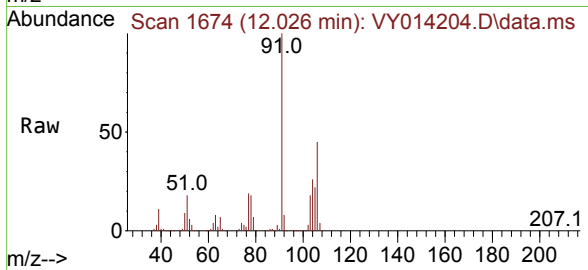




#69
o-Xylene
Concen: 20.666 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

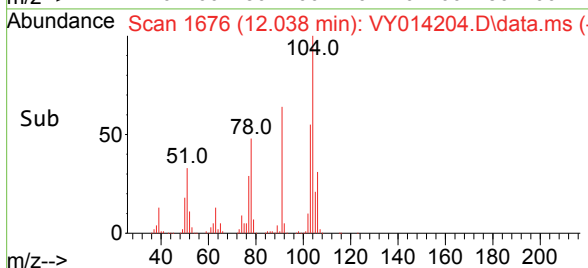
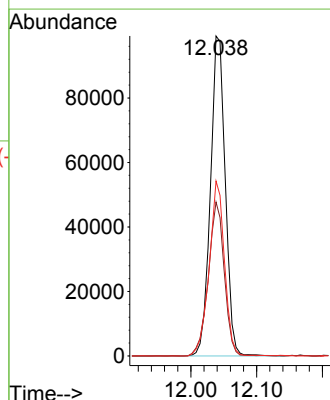
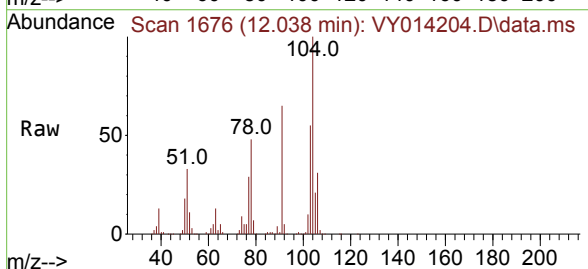
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

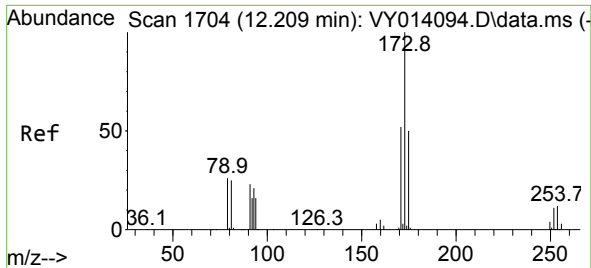
Tgt Ion:106 Resp: 89604
Ion Ratio Lower Upper
106 100
91 219.1 108.1 324.3



#70
Styrene
Concen: 21.088 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion:104 Resp: 156050
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 56.6 44.6 67.0

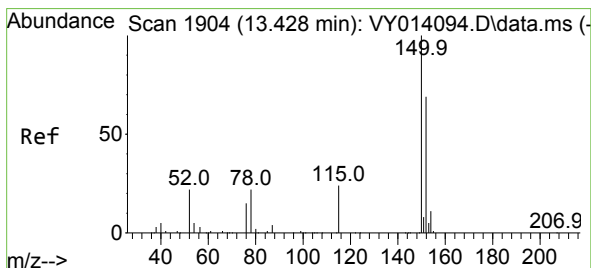
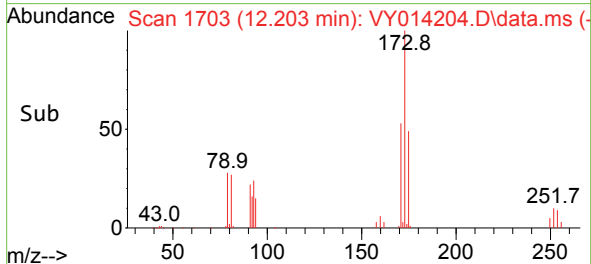
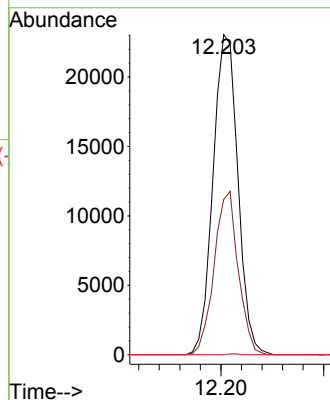
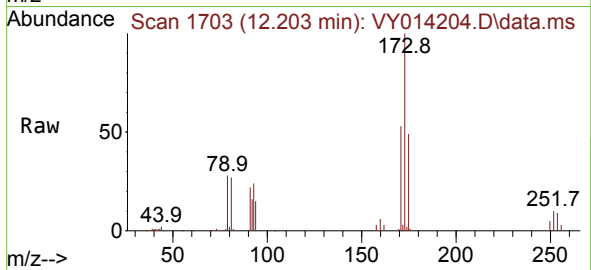




#71
Bromoform
Concen: 21.059 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

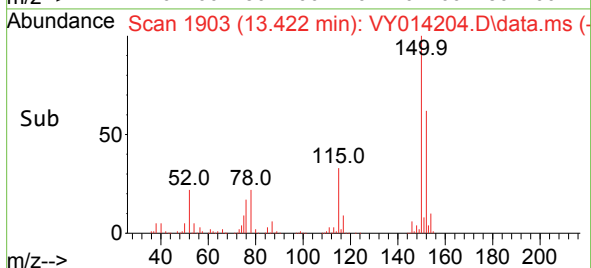
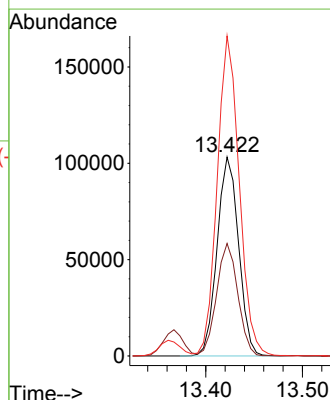
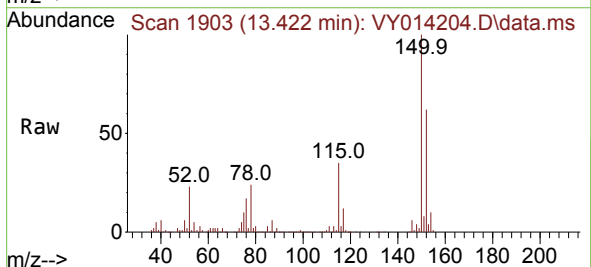
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

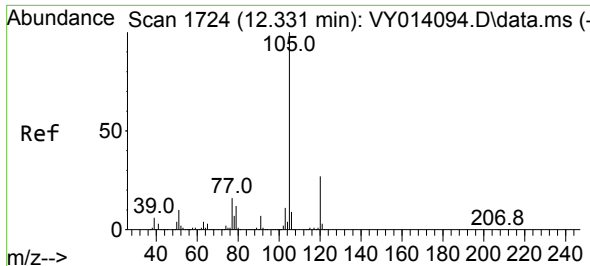
Tgt Ion:173 Resp: 38639
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion:152 Resp: 159111
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 165.1 0.0 348.8

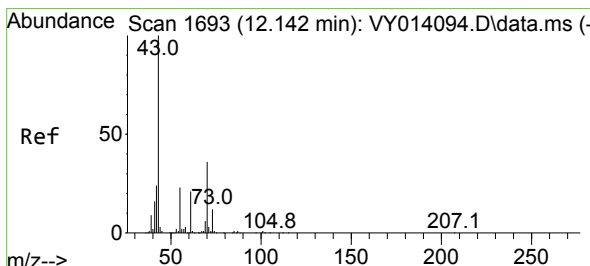
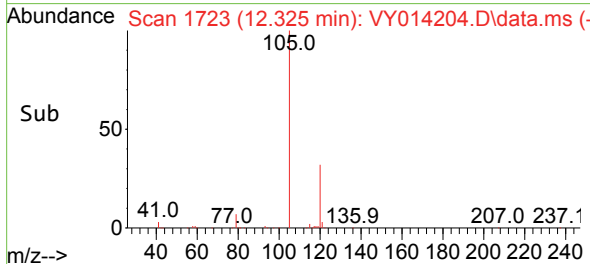
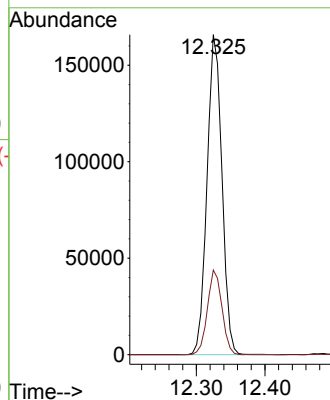
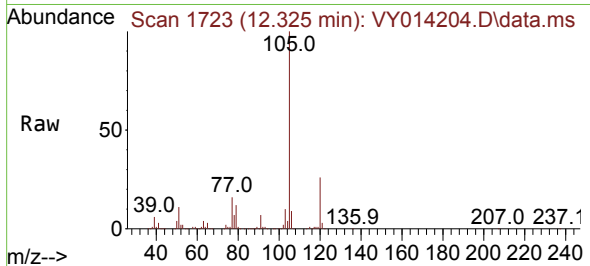




#73
Isopropylbenzene
Concen: 20.667 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

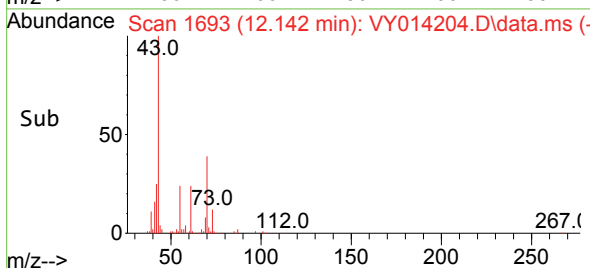
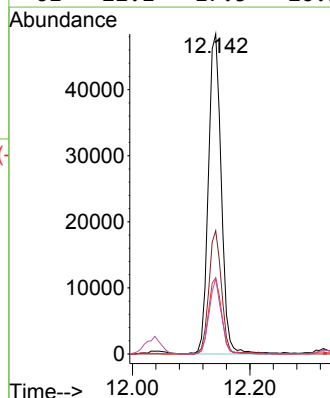
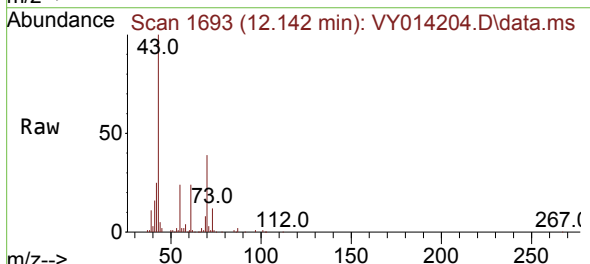
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

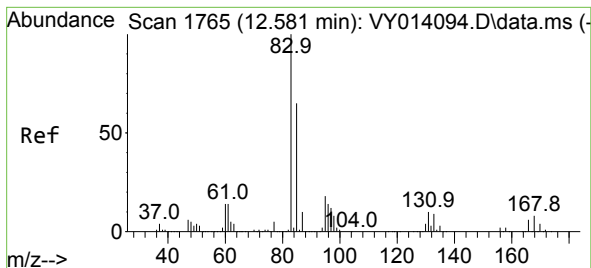
Tgt Ion:105 Resp: 250857
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.9



#74
N-ethyl acetate
Concen: 19.231 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 43 Resp: 73970
Ion Ratio Lower Upper
43 100
70 37.6 29.7 44.5
55 23.9 18.3 27.5
61 22.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.391 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

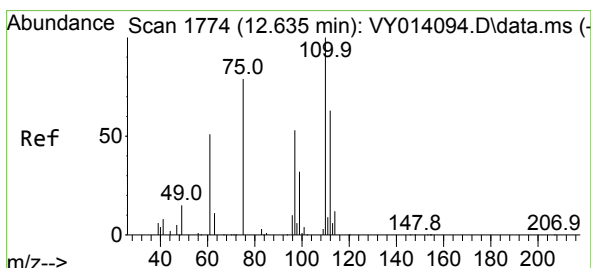
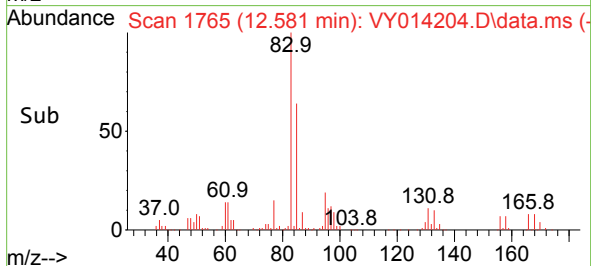
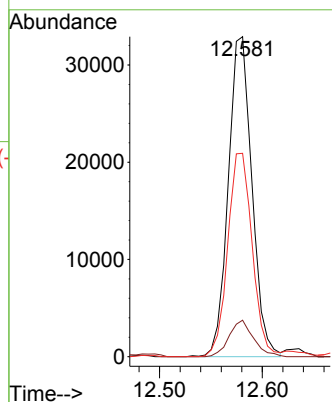
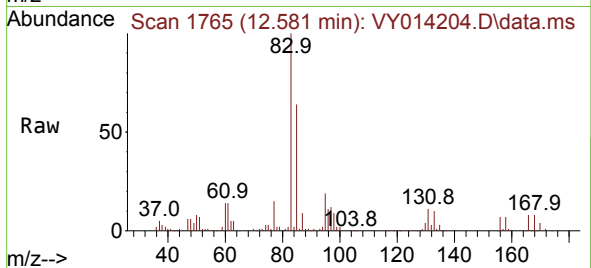
Tgt Ion: 83 Resp: 52592

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

85 65.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.390 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014204.D

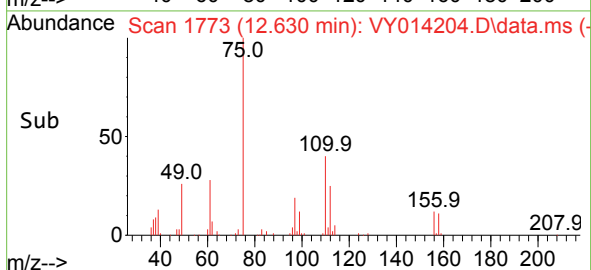
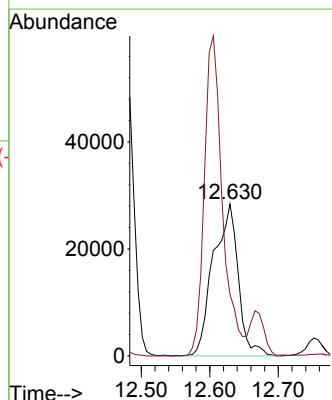
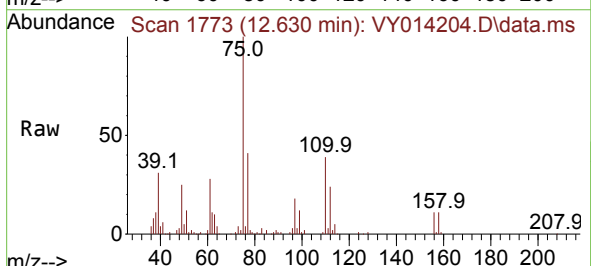
Acq: 16 Jun 2023 15:34

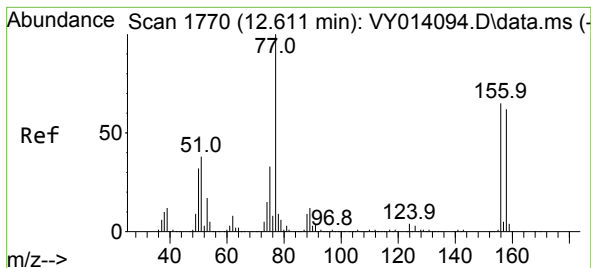
Tgt Ion: 75 Resp: 71790

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.769 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

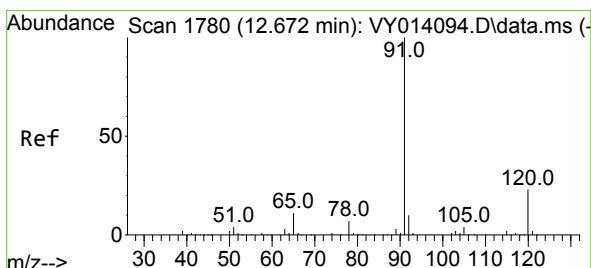
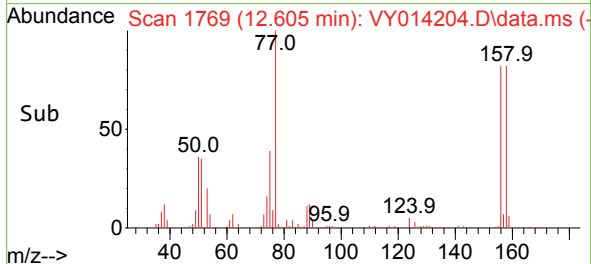
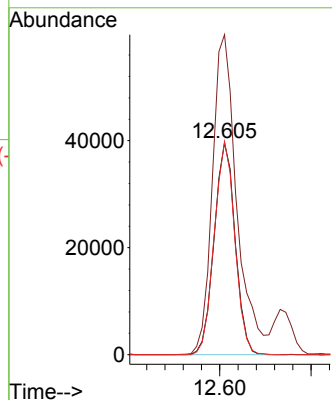
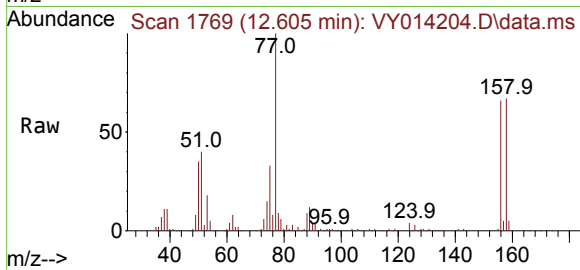
Tgt Ion:156 Resp: 63067

Ion Ratio Lower Upper

156 100

77 174.5 92.8 278.6

158 98.8 48.4 145.3



#78

n-propylbenzene

Concen: 20.543 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014204.D

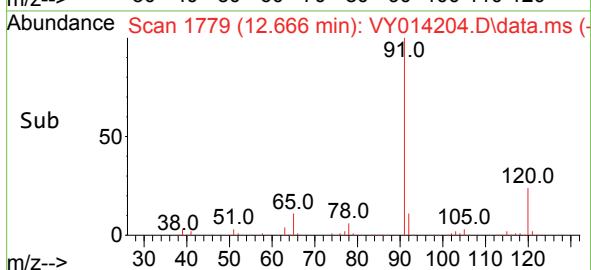
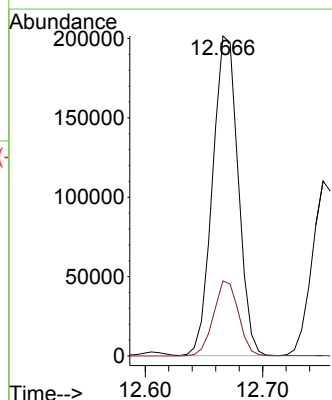
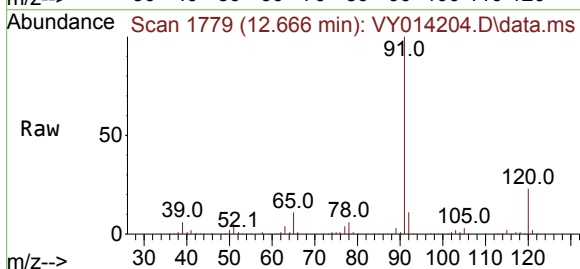
Acq: 16 Jun 2023 15:34

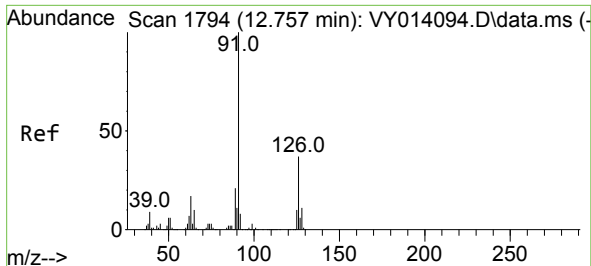
Tgt Ion: 91 Resp: 304563

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

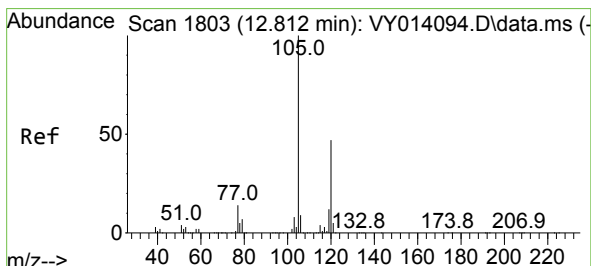
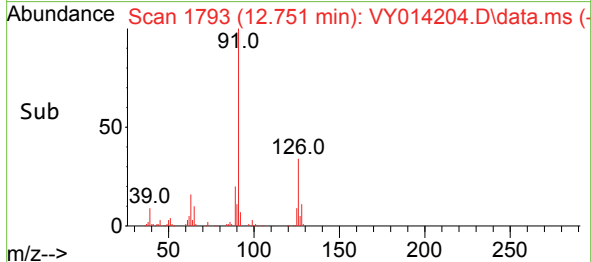
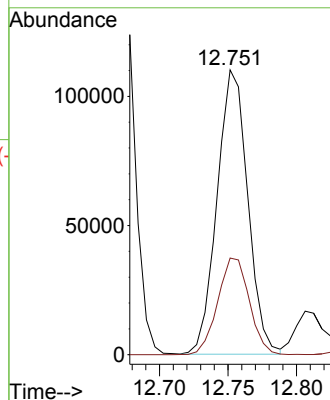
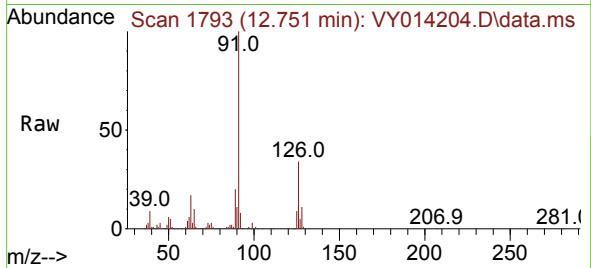




#79
2-Chlorotoluene
Concen: 20.156 ug/l
RT: 12.751 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

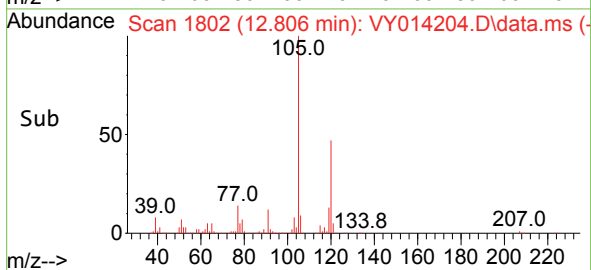
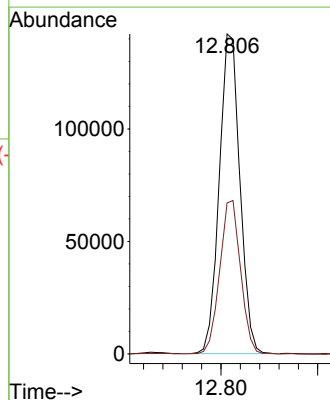
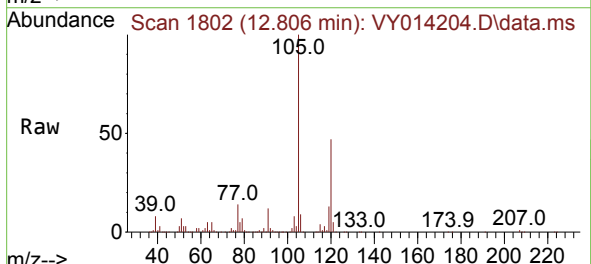
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

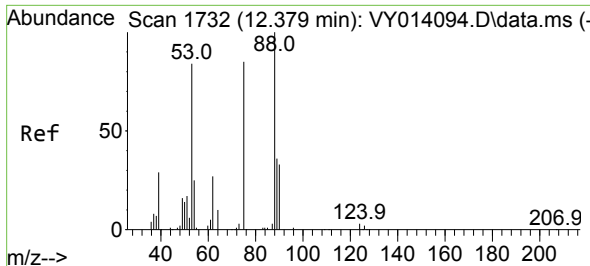
Tgt Ion: 91 Resp: 171940
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.200 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 105 Resp: 209943
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

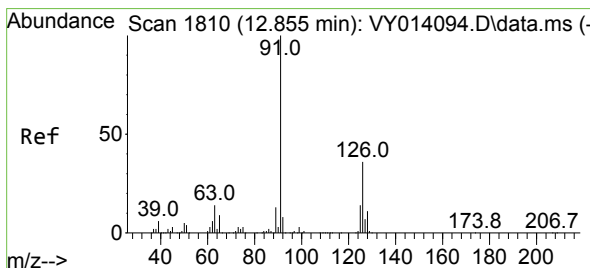
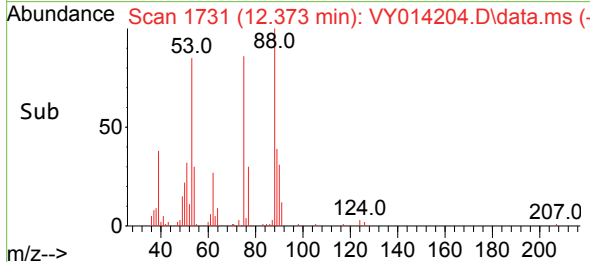
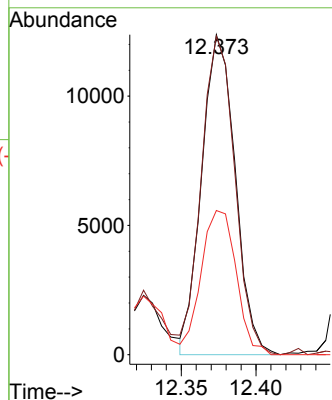
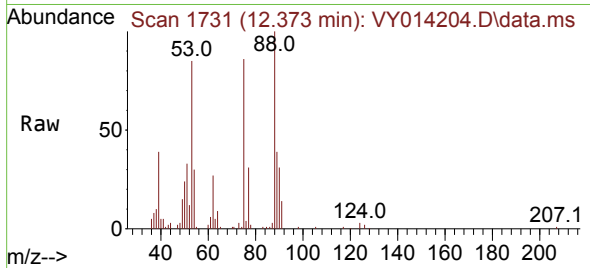




#81
trans-1,4-Dichloro-2-butene
Concen: 19.981 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

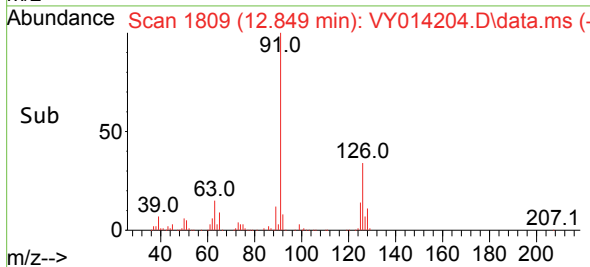
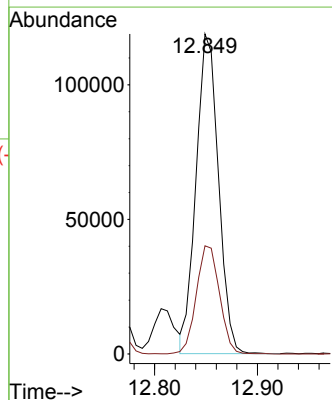
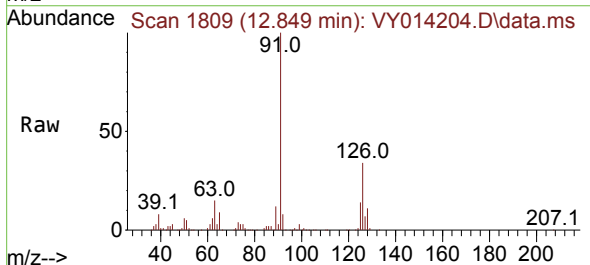
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

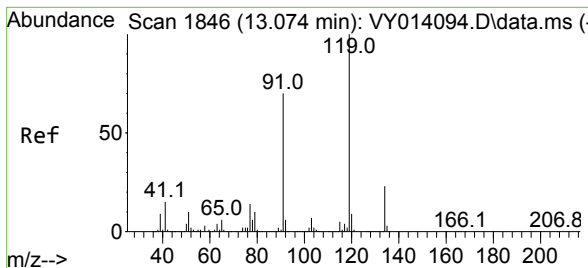
Tgt Ion: 75 Resp: 19296
Ion Ratio Lower Upper
75 100
53 99.0 77.8 116.8
89 47.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.923 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 91 Resp: 180099
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.643 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

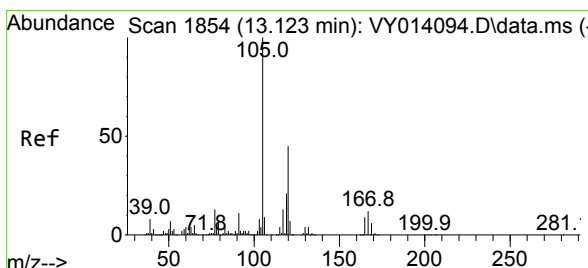
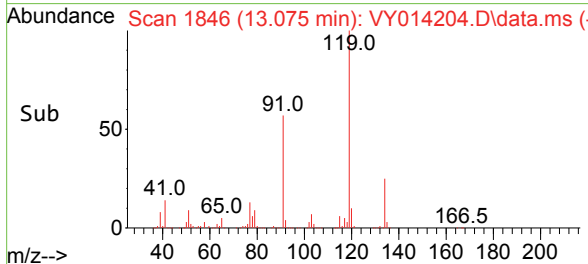
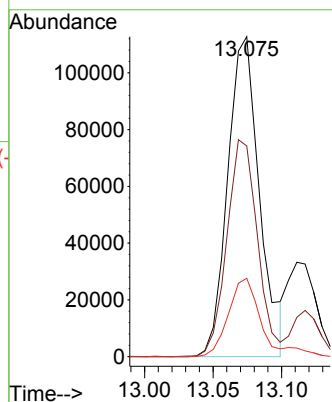
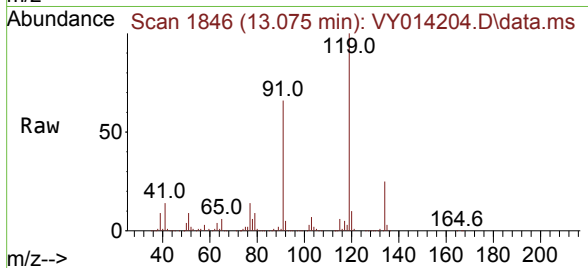
Tgt Ion:119 Resp: 182317

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.845 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014204.D

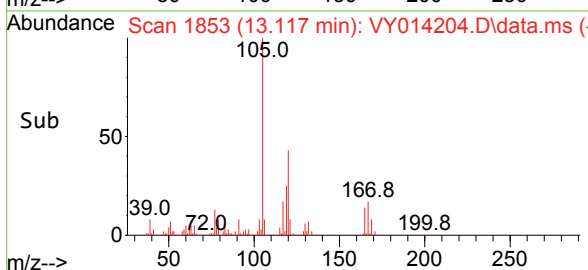
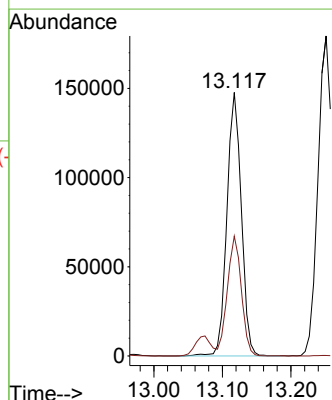
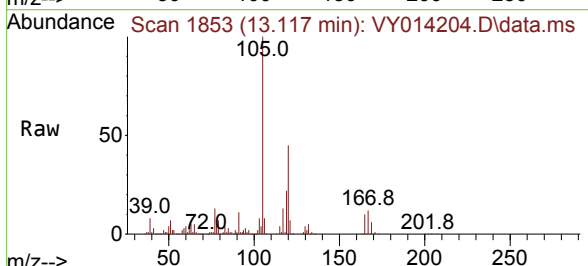
Acq: 16 Jun 2023 15:34

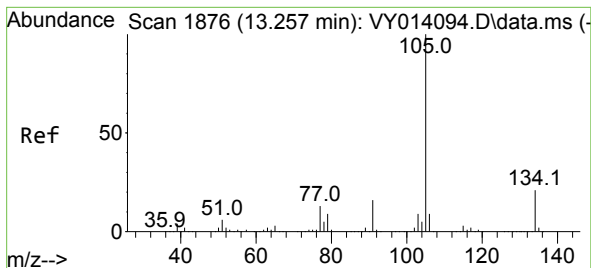
Tgt Ion:105 Resp: 214448

Ion Ratio Lower Upper

105 100

120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.898 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

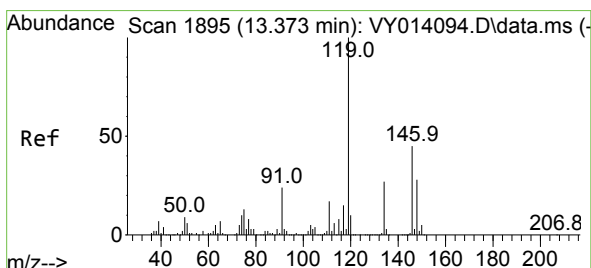
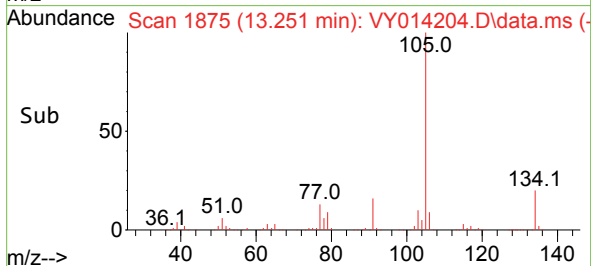
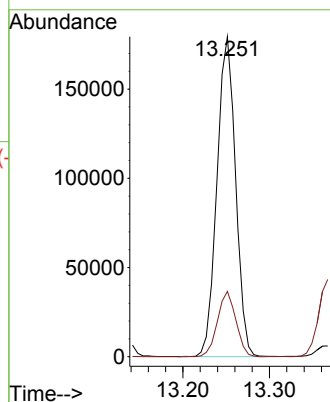
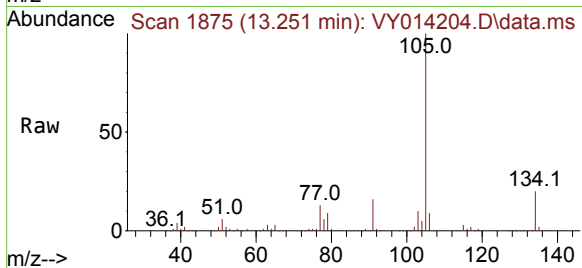
VY0616SBS01

Tgt Ion:105 Resp: 268337

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.711 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

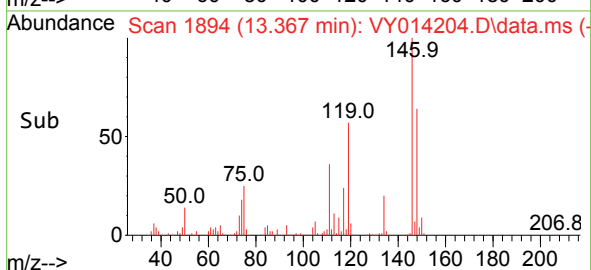
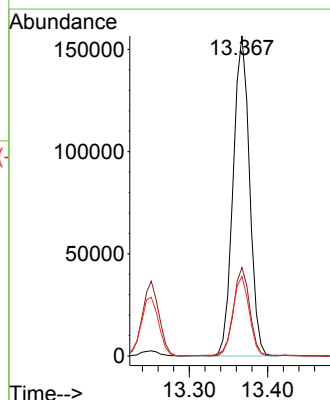
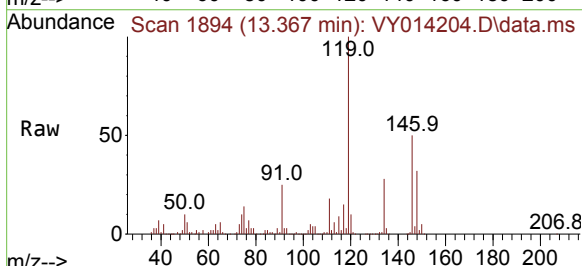
Tgt Ion:119 Resp: 227598

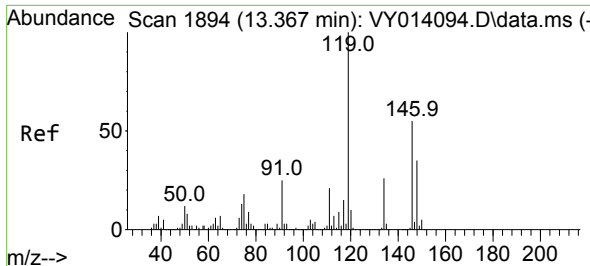
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 24.8 12.4 37.4

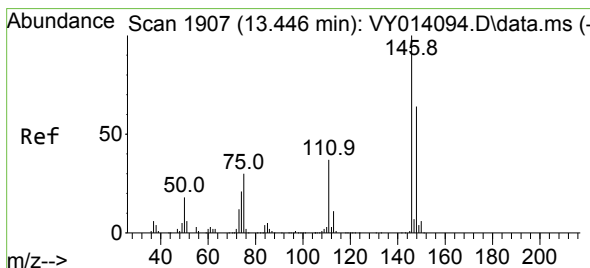
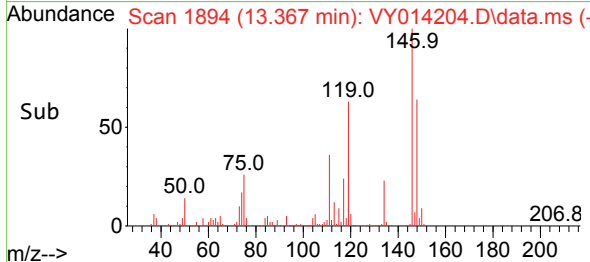
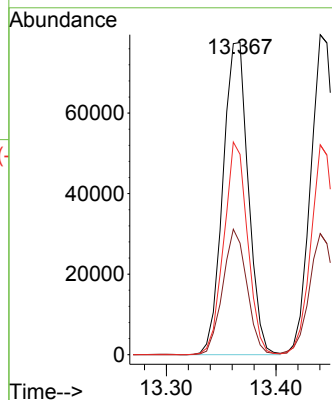
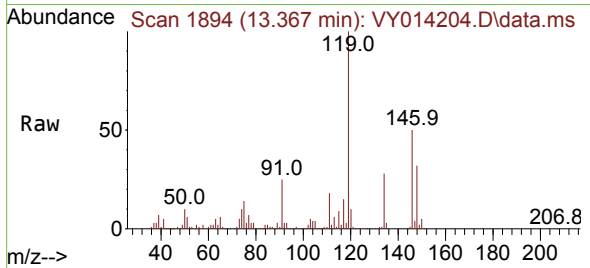




#87
1,3-Dichlorobenzene
Concen: 20.446 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

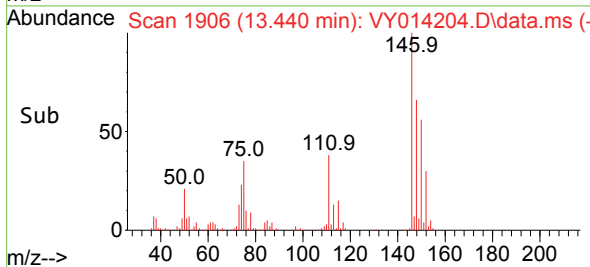
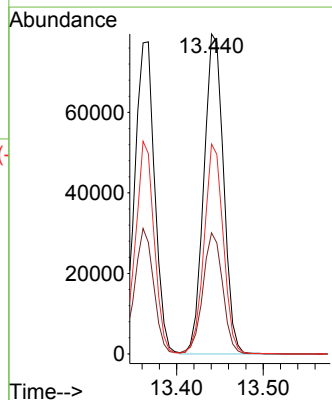
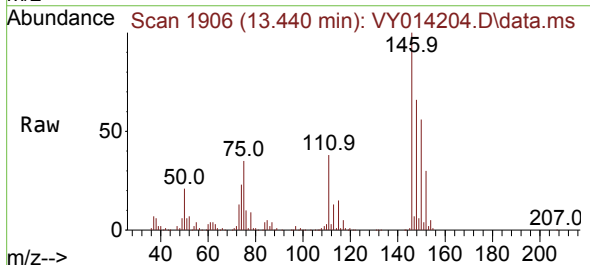
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

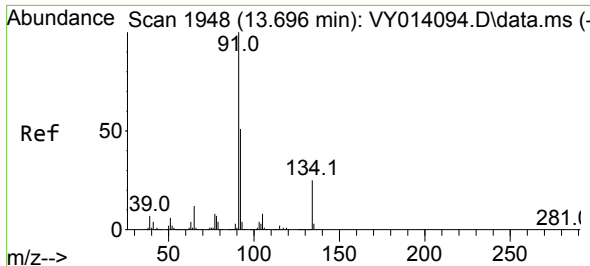
Tgt Ion:146 Resp: 124537
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.456 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion:146 Resp: 125539
Ion Ratio Lower Upper
146 100
111 38.1 18.9 56.7
148 63.4 32.1 96.5

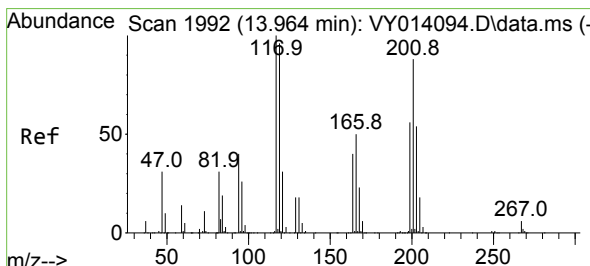
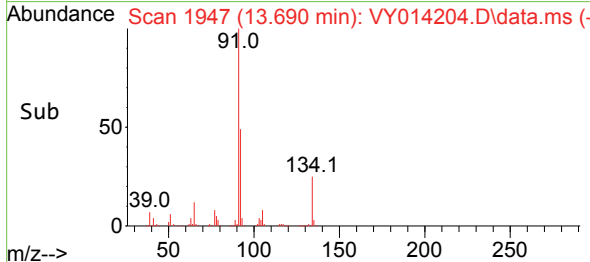
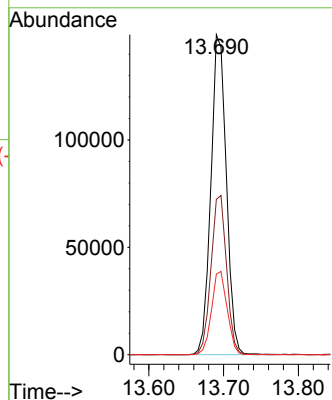
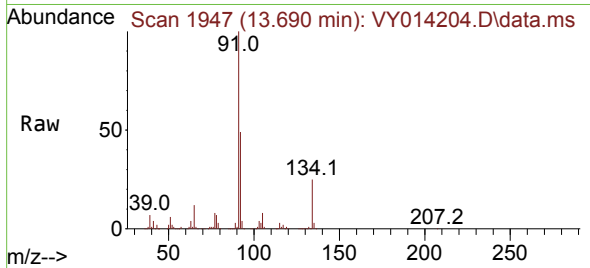




#89
n-Butylbenzene
Concen: 21.003 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

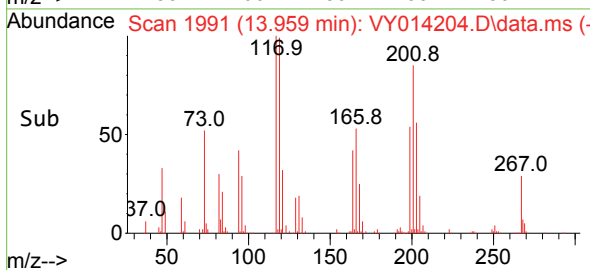
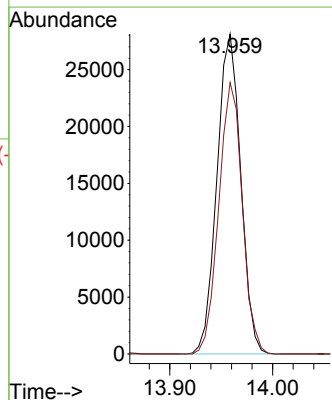
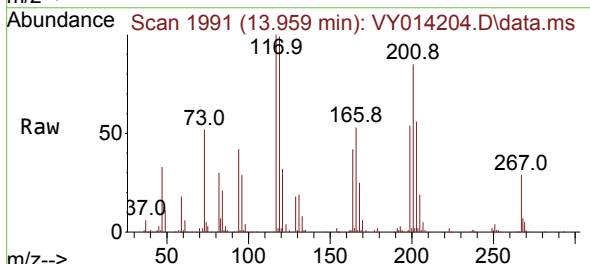
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

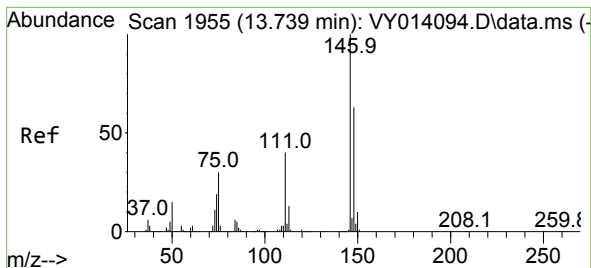
Tgt Ion: 91 Resp: 214075
Ion Ratio Lower Upper
91 100
92 50.1 25.4 76.0
134 26.4 12.6 37.6



#90
Hexachloroethane
Concen: 20.642 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion: 117 Resp: 45202
Ion Ratio Lower Upper
117 100
201 83.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.578 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

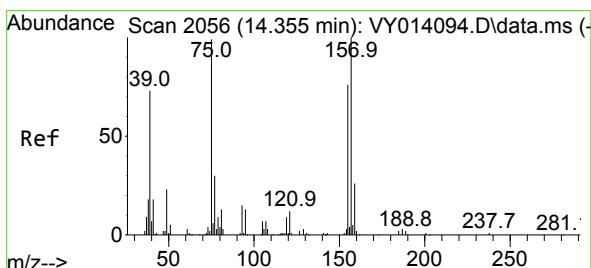
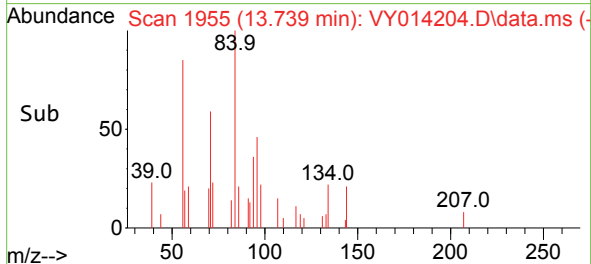
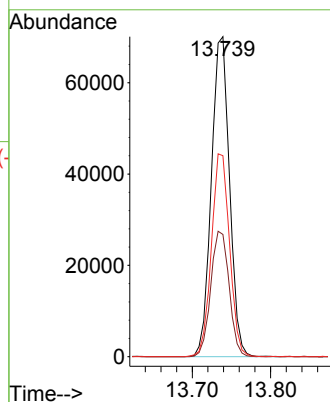
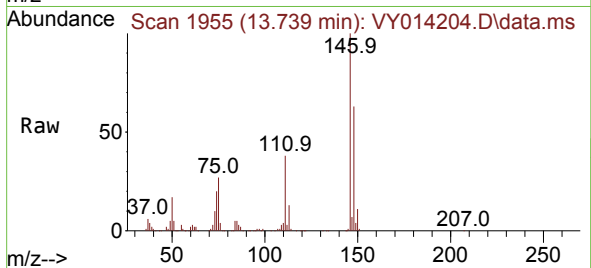
Tgt Ion:146 Resp: 112577

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.197 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

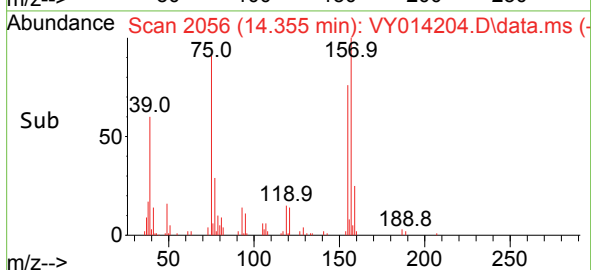
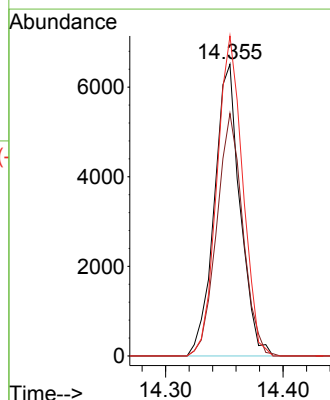
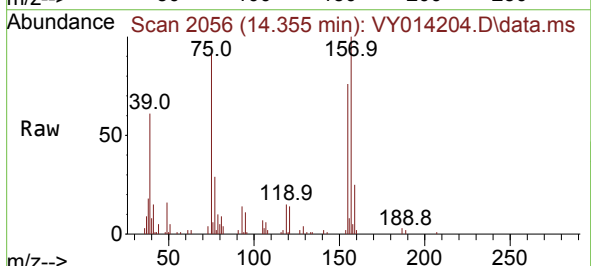
Tgt Ion: 75 Resp: 9915

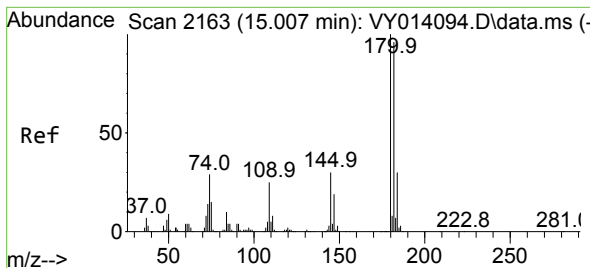
Ion Ratio Lower Upper

75 100

155 84.2 41.5 124.6

157 109.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.454 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

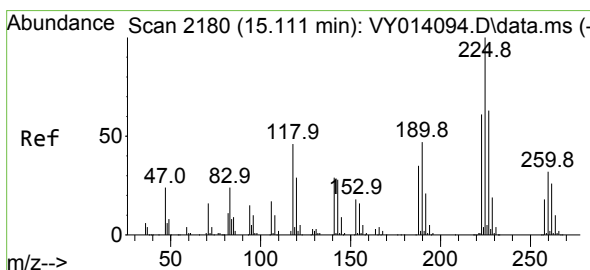
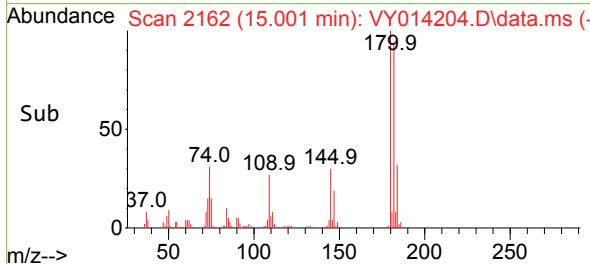
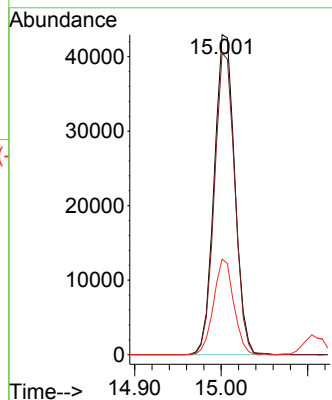
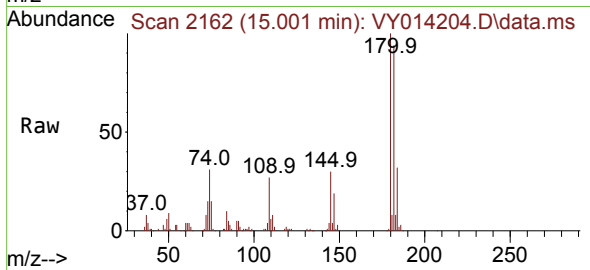
Tgt Ion:180 Resp: 70884

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.441 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014204.D

Acq: 16 Jun 2023 15:34

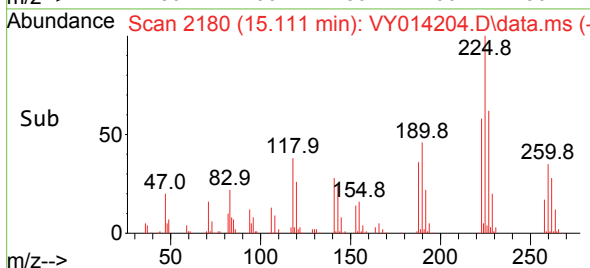
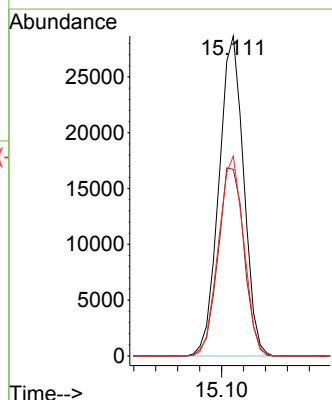
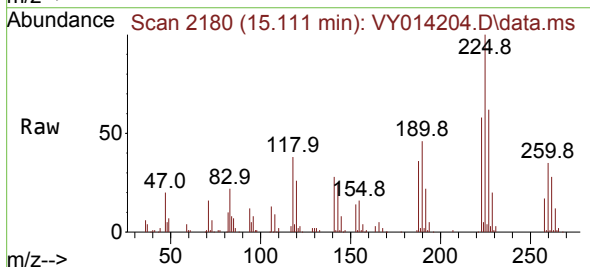
Tgt Ion:225 Resp: 44900

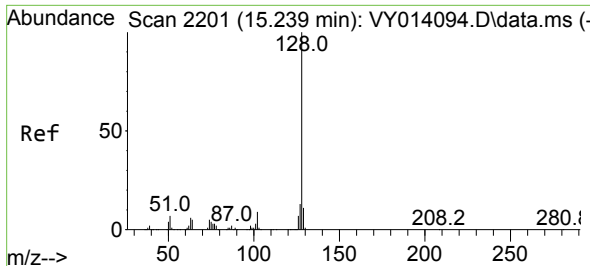
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 63.8 33.0 98.9

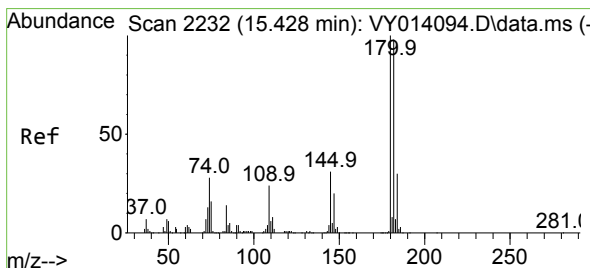
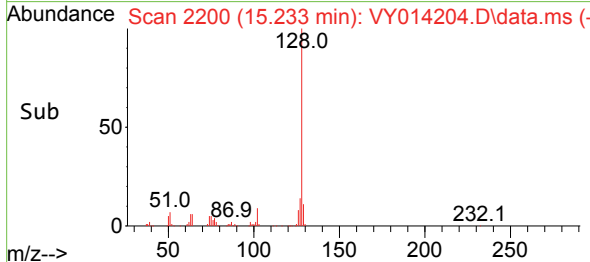
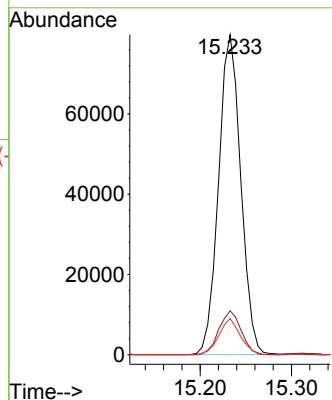
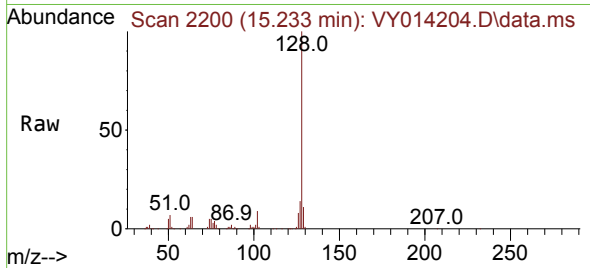




#95
Naphthalene
Concen: 19.161 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:128 Resp: 134784
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.120 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014204.D
Acq: 16 Jun 2023 15:34

Tgt Ion:180 Resp: 63006
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 30.6 15.4 46.2

