

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014520.D
 Acq On : 30 Jun 2023 17:05
 Operator : KP/MD
 Sample : VY0630WBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Quant Time: Jun 30 23:18:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	399197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	601675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	561152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	303550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	200321	50.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.710	113	193401	52.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.400%	
50) Toluene-d8	10.179	98	762171	52.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.477	95	265518	52.206	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	66873	20.670	ug/l	99
3) Chloromethane	2.107	50	90706	19.619	ug/l	100
4) Vinyl Chloride	2.241	62	106784	20.038	ug/l	97
5) Bromomethane	2.625	94	83198	20.134	ug/l	97
6) Chloroethane	2.778	64	68385	19.930	ug/l	99
7) Trichlorofluoromethane	3.113	101	129425	19.997	ug/l	99
8) Diethyl Ether	3.521	74	47555	19.405	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	74815	19.357	ug/l	97
10) Methyl Iodide	4.082	142	86303	19.568	ug/l	93
11) Tert butyl alcohol	4.954	59	65964	82.969	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	73973	19.756	ug/l	85
13) Acrolein	3.717	56	49353	93.391	ug/l	97
14) Allyl chloride	4.466	41	105197	18.640	ug/l #	87
15) Acrylonitrile	5.161	53	113965	81.009	ug/l	99
16) Acetone	3.942	43	112994	91.113	ug/l	92
17) Carbon Disulfide	4.180	76	229217	20.089	ug/l	98
18) Methyl Acetate	4.473	43	91111	16.139	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	197289	18.333	ug/l	99
20) Methylene Chloride	4.704	84	102989	19.881	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	82502	19.466	ug/l	94
22) Diisopropyl ether	6.112	45	222282	19.115	ug/l	89
23) Vinyl Acetate	6.051	43	605709	90.029	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	137772	18.872	ug/l	99
25) 2-Butanone	6.978	43	154247	84.000	ug/l	92
26) 2,2-Dichloropropane	6.972	77	120810	19.415	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	93231	19.392	ug/l	89
28) Bromochloromethane	7.326	49	61954	20.211	ug/l #	81
29) Tetrahydrofuran	7.344	42	96927	81.834	ug/l #	86
30) Chloroform	7.496	83	144969	19.037	ug/l	93
31) Cyclohexane	7.777	56	117146	18.803	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	124471	19.122	ug/l	96
36) 1,1-Dichloropropene	7.911	75	108575	19.135	ug/l	97
37) Ethyl Acetate	7.064	43	64258	16.513	ug/l #	93
38) Carbon Tetrachloride	7.893	117	113372	19.140	ug/l	99
39) Methylcyclohexane	9.179	83	126142	18.599	ug/l	95
40) Benzene	8.155	78	329721	19.197	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	87789	46.180	ug/l #	28
42) 1,2-Dichloroethane	8.228	62	93470	18.515	ug/l	93
43) Isopropyl Acetate	8.271	43	111193	16.862	ug/l #	91
44) Trichloroethene	8.935	130	93278	19.480	ug/l	93
45) 1,2-Dichloropropane	9.209	63	82253	18.668	ug/l	99
46) Dibromomethane	9.301	93	49187	18.337	ug/l	94
47) Bromodichloromethane	9.490	83	110990	18.779	ug/l	100
48) Methyl methacrylate	9.289	41	49795	16.605	ug/l #	79
49) 1,4-Dioxane	9.295	88	16070	335.495	ug/l #	65
51) 4-Methyl-2-Pentanone	10.063	43	322028	82.485	ug/l	90
52) Toluene	10.240	92	209291	19.364	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	117216	18.546	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	132654	18.811	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	71142	18.227	ug/l	98
56) Ethyl methacrylate	10.508	69	92688	17.457	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	116175	18.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	240195	93.382	ug/l	95
59) 2-Hexanone	10.831	43	237719	84.293	ug/l	88
60) Dibromochloromethane	10.984	129	84854	18.553	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69308	18.188	ug/l	100
64) Tetrachloroethene	10.715	164	95443	19.026	ug/l	97
65) Chlorobenzene	11.514	112	225917	18.891	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	85820	18.881	ug/l	99
67) Ethyl Benzene	11.587	91	384027	18.831	ug/l	98
68) m/p-Xylenes	11.697	106	306881	37.937	ug/l	94
69) o-Xylene	12.026	106	146573	19.104	ug/l	94
70) Styrene	12.038	104	251417	19.046	ug/l	96
71) Bromoform	12.203	173	62138	17.995	ug/l	99
73) Isopropylbenzene	12.325	105	378477	19.038	ug/l	100
74) N-amyl acetate	12.142	43	101542	16.923	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	87869	17.223	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	111573	31.323	ug/l #	100
77) Bromobenzene	12.605	156	102867	18.945	ug/l	93
78) n-propylbenzene	12.666	91	460531	18.990	ug/l	98
79) 2-Chlorotoluene	12.752	91	263997	18.916	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	322092	19.138	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	30629	16.737	ug/l	89
82) 4-Chlorotoluene	12.849	91	279839	19.139	ug/l	97
83) tert-Butylbenzene	13.069	119	280238	18.946	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	321708	19.156	ug/l	96
85) sec-Butylbenzene	13.251	105	414264	18.980	ug/l	99
86) p-Isopropyltoluene	13.367	119	348128	18.953	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	198731	18.719	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	199377	18.739	ug/l	99
89) n-Butylbenzene	13.696	91	321616	18.946	ug/l	98
90) Hexachloroethane	13.959	117	67659	18.596	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	181179	18.840	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14995	16.054	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	116350	18.732	ug/l	99
94) Hexachlorobutadiene	15.111	225	73549	19.266	ug/l	97
95) Naphthalene	15.233	128	224333	16.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	105460	18.634	ug/l	99

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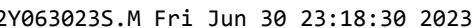
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

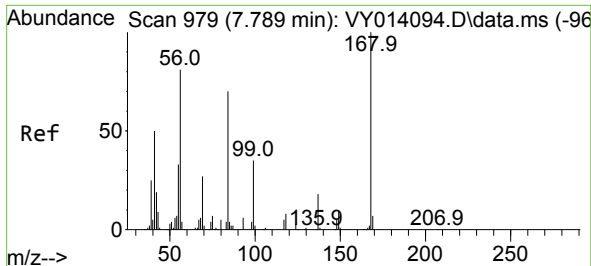
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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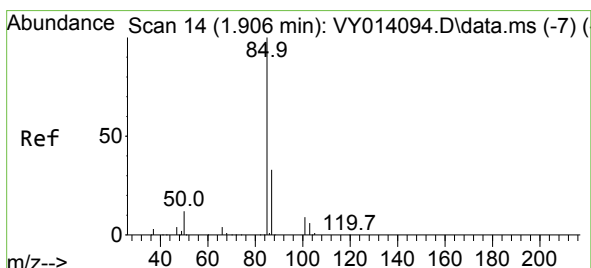
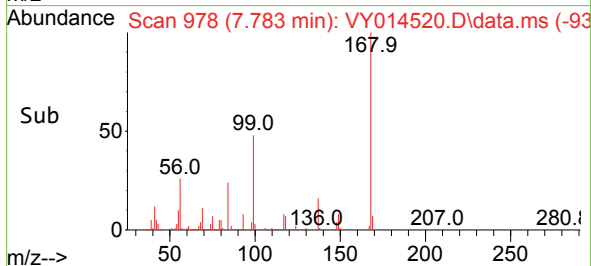
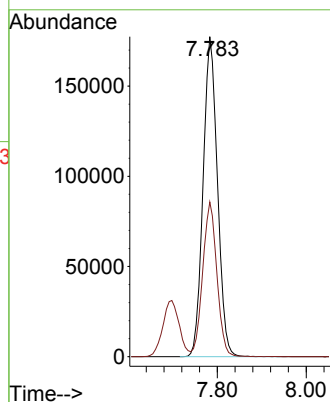
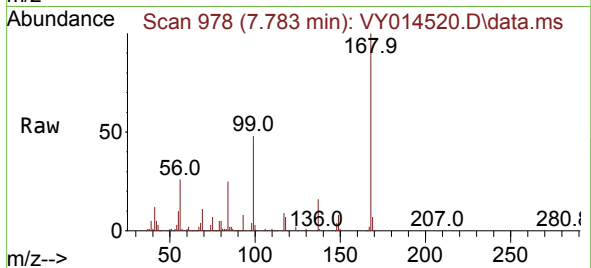




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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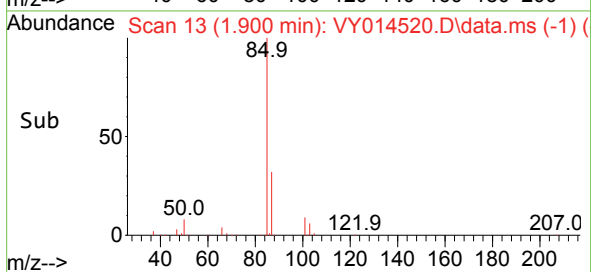
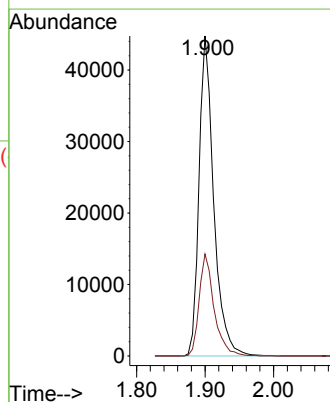
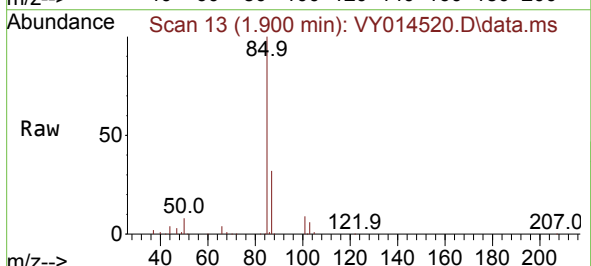
Instrument :
MSVOA_Y
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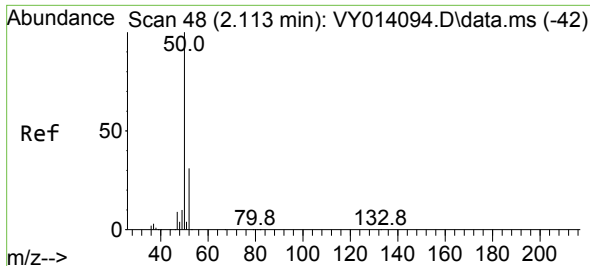
Tgt Ion:168 Resp: 399197
Ion Ratio Lower Upper
168 100
99 48.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.670 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 85 Resp: 66873
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

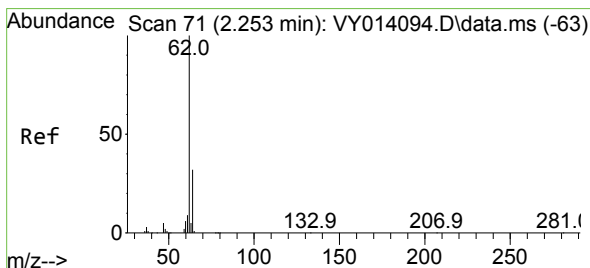
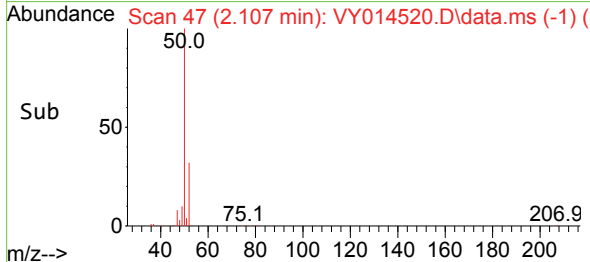
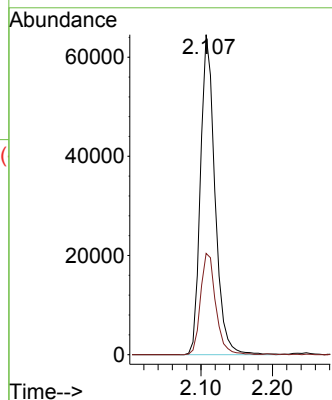
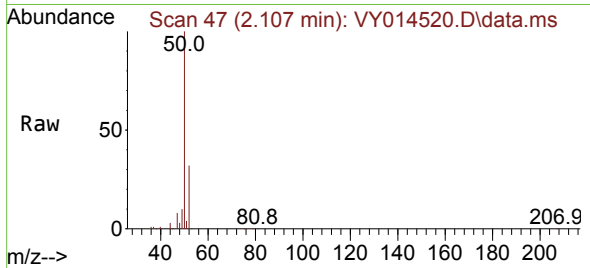




#3
Chloromethane
Concen: 19.619 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

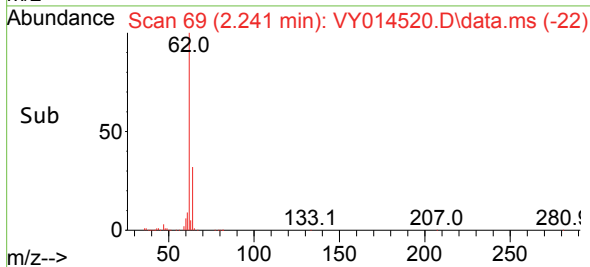
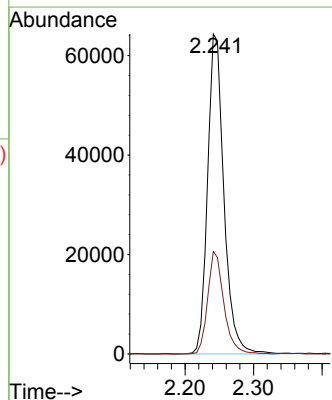
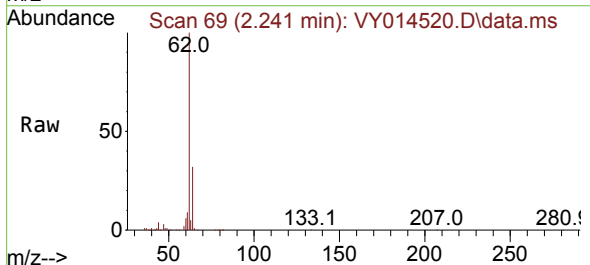
Instrument :
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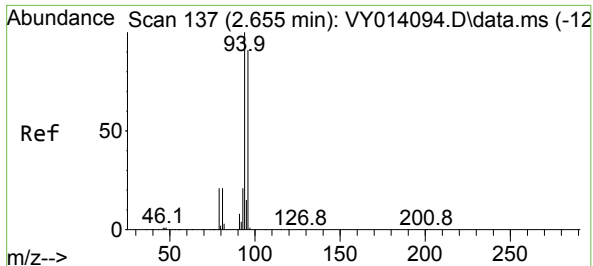
Tgt Ion: 50 Resp: 90706
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2



#4
Vinyl Chloride
Concen: 20.038 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 62 Resp: 106784
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

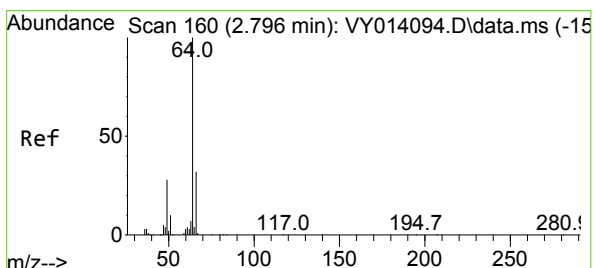
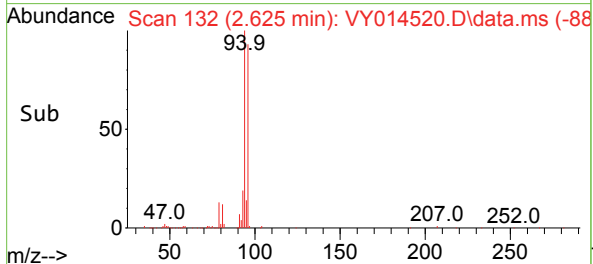
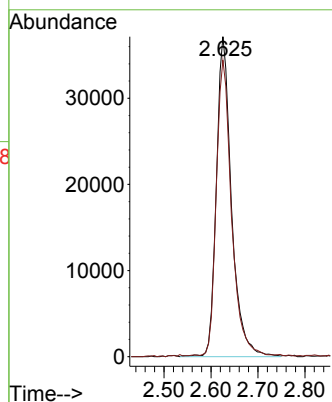
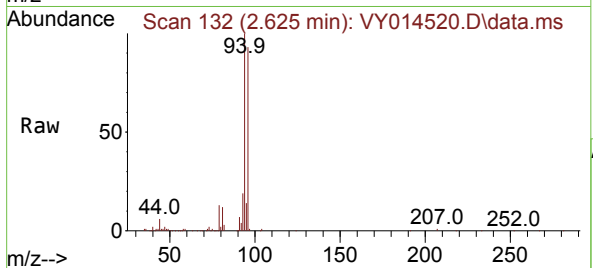




#5
Bromomethane
Concen: 20.134 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

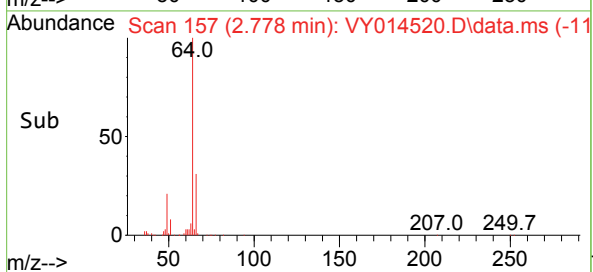
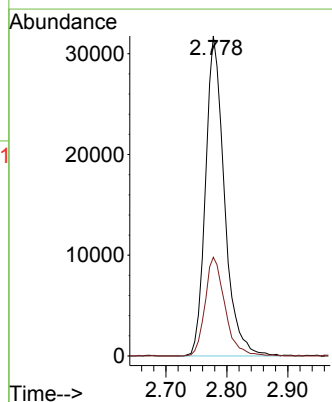
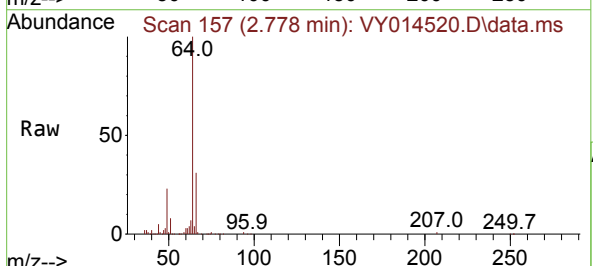
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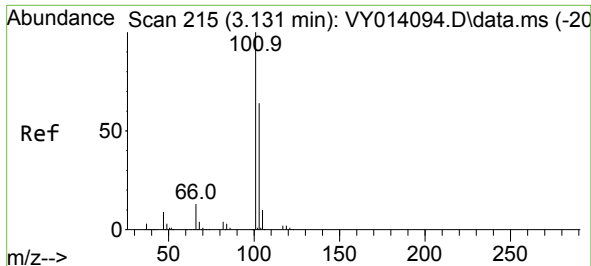
Tgt Ion: 94 Resp: 83198
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.6



#6
Chloroethane
Concen: 19.930 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.018 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 64 Resp: 68385
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

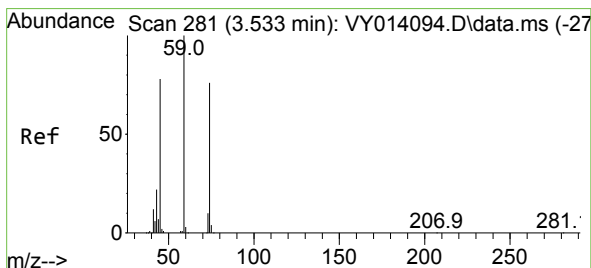
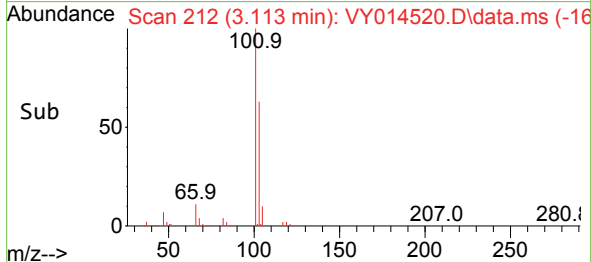
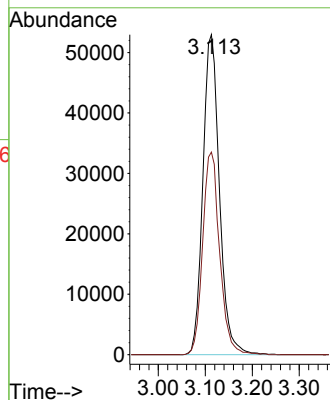
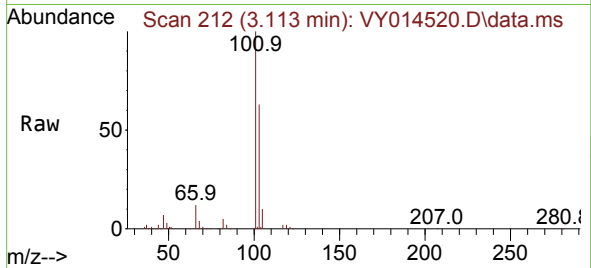




#7
 Trichlorofluoromethane
 Concen: 19.997 ug/l
 RT: 3.113 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

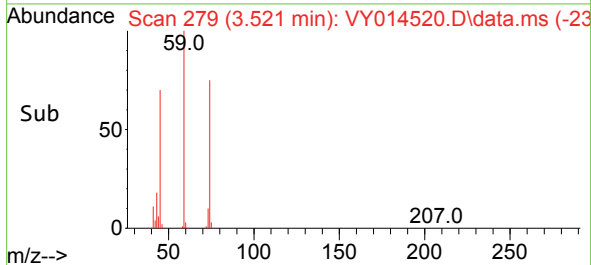
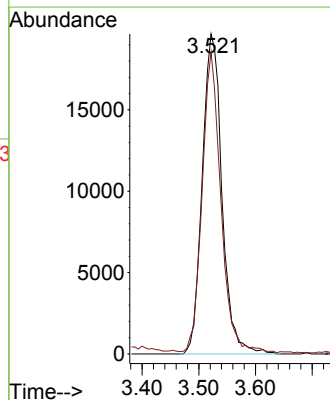
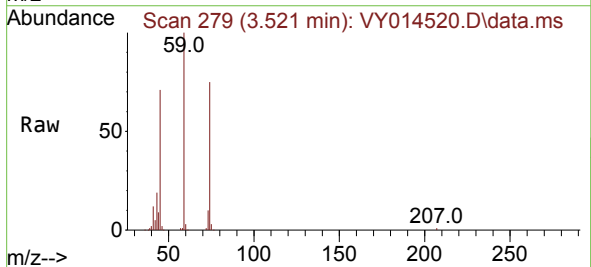
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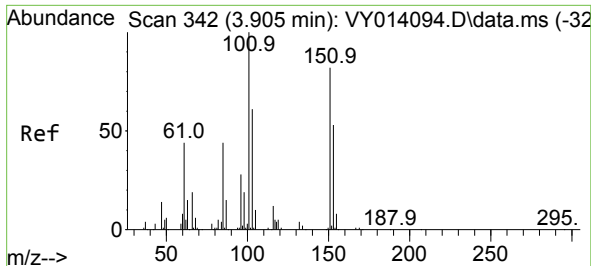
Tgt Ion:101 Resp: 129425
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.405 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.012 min
 Lab File: VY014520.D
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Tgt Ion: 74 Resp: 47555
 Ion Ratio Lower Upper
 74 100
 45 89.0 51.5 154.5

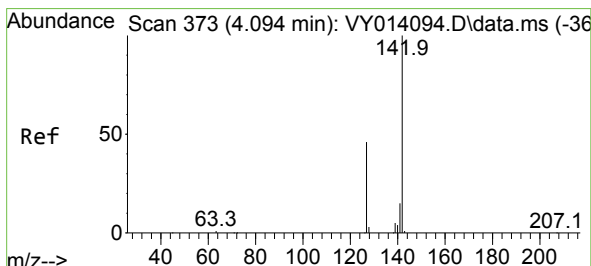
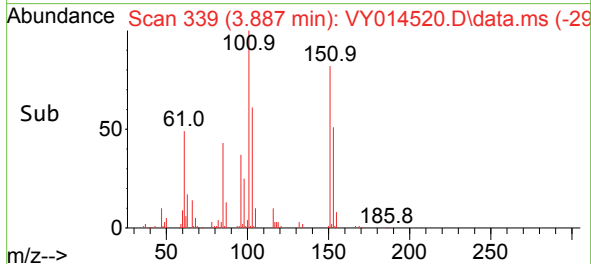
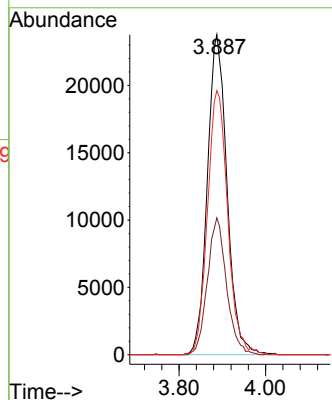
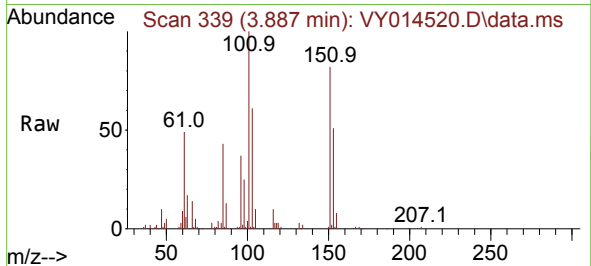




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.357 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

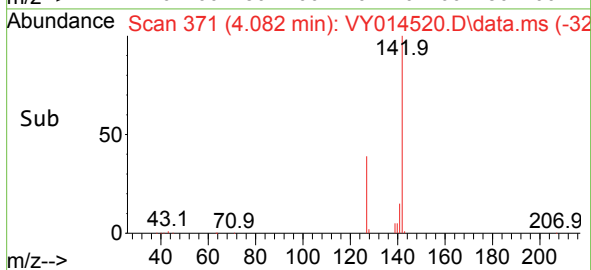
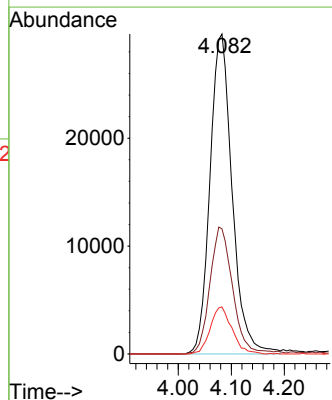
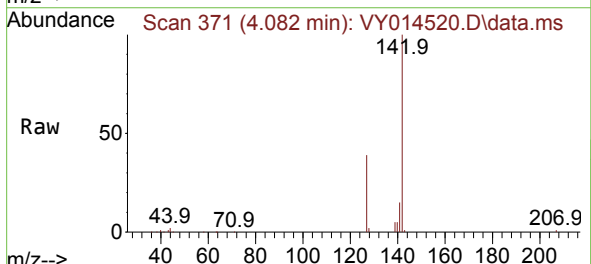
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

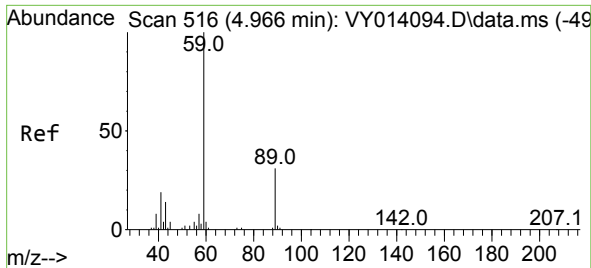
Tgt Ion:101 Resp: 74815
Ion Ratio Lower Upper
101 100
85 41.8 36.6 55.0
151 84.9 67.0 100.6



#10
Methyl Iodide
Concen: 19.568 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion:142 Resp: 86303
Ion Ratio Lower Upper
142 100
127 40.7 37.6 56.4
141 14.4 11.8 17.8

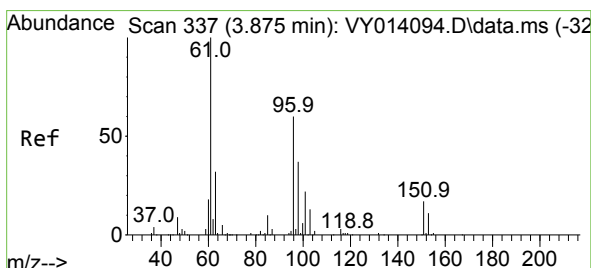
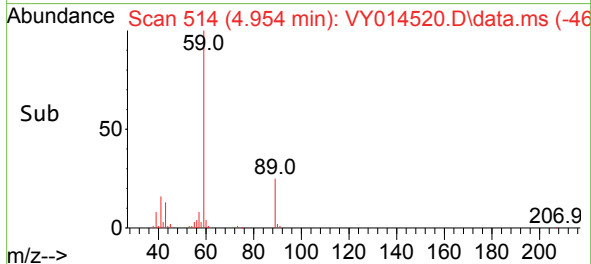
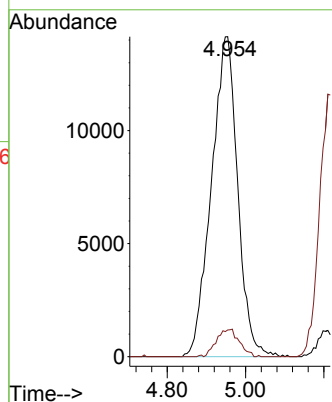
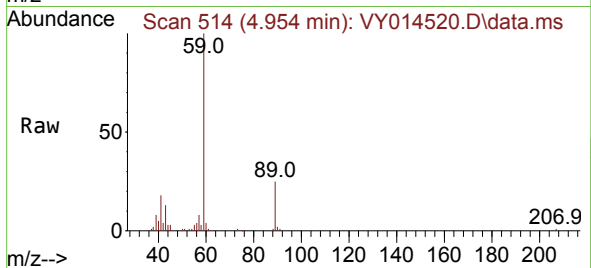




#11
Tert butyl alcohol
Concen: 82.969 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

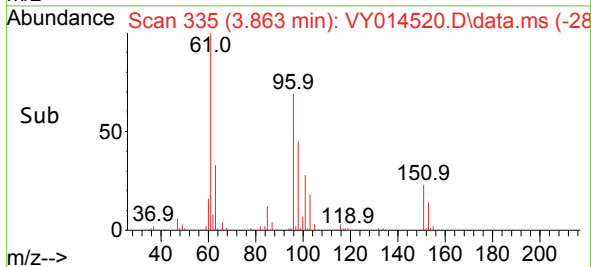
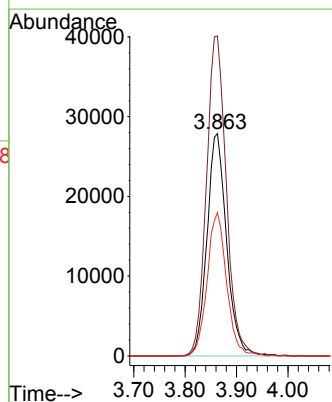
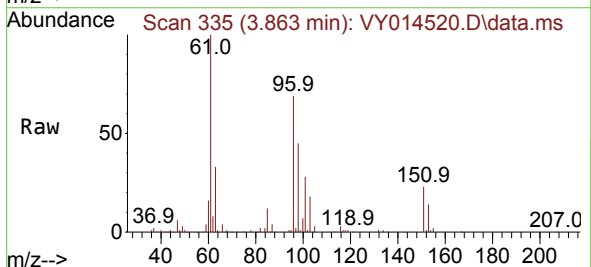
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

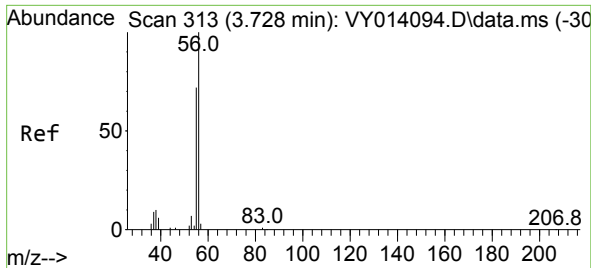
Tgt Ion: 59 Resp: 65964
Ion Ratio Lower Upper
59 100
57 7.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.756 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 96 Resp: 73973
Ion Ratio Lower Upper
96 100
61 143.9 136.4 204.6
98 64.4 49.4 74.2

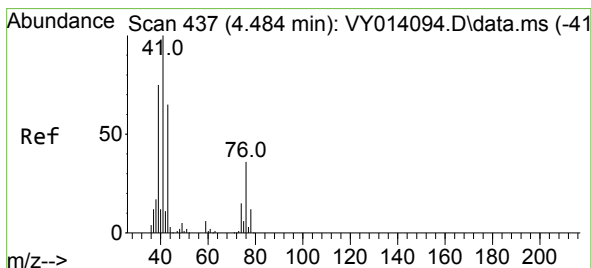
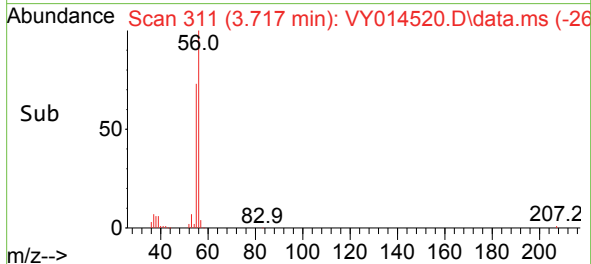
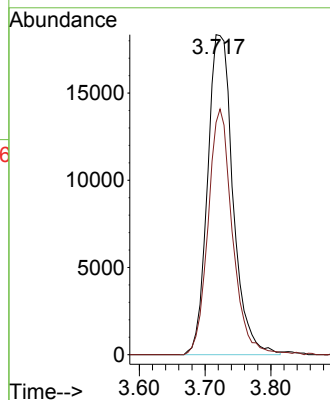
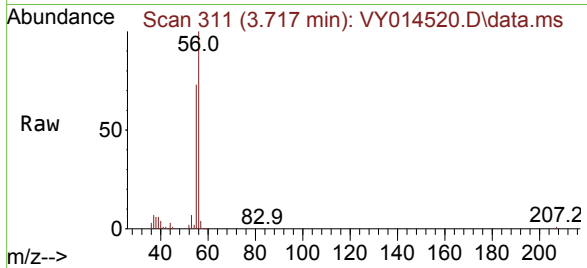




#13
Acrolein
Concen: 93.391 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.011 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

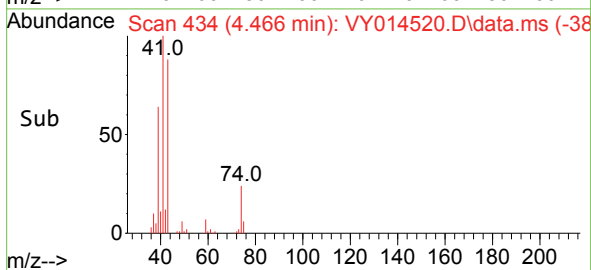
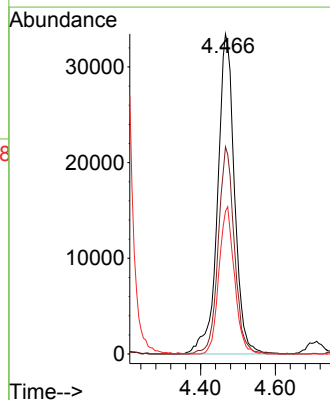
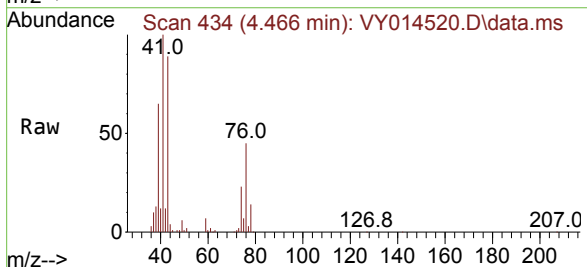
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

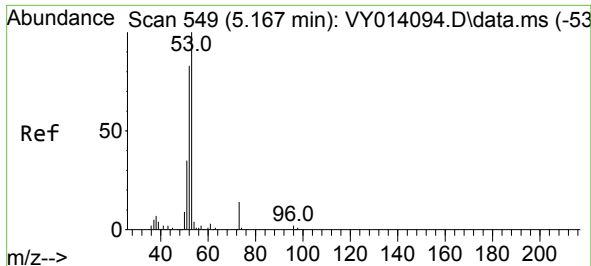
Tgt Ion: 56 Resp: 49353
Ion Ratio Lower Upper
56 100
55 73.5 57.0 85.4



#14
Allyl chloride
Concen: 18.640 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.018 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 41 Resp: 105197
Ion Ratio Lower Upper
41 100
39 61.6 58.0 87.0
76 42.2 27.4 41.2#





#15

Acrylonitrile

Concen: 81.009 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

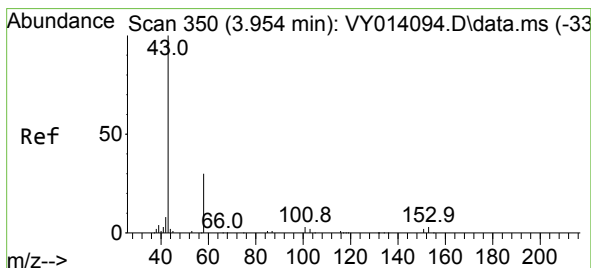
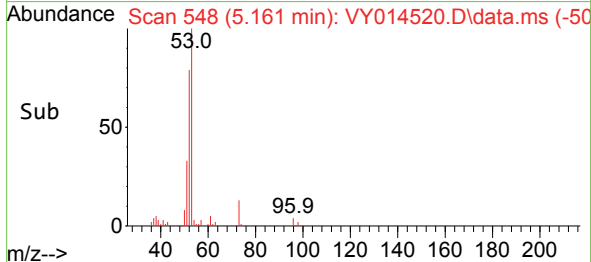
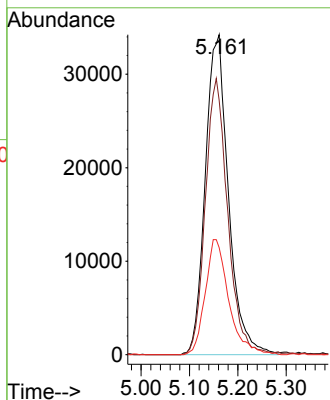
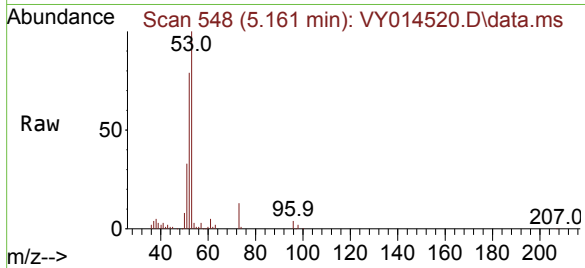
Tgt Ion: 53 Resp: 113965

Ion Ratio Lower Upper

53 100

52 83.1 66.9 100.3

51 36.6 29.8 44.6



#16

Acetone

Concen: 91.113 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.012 min

Lab File: VY014520.D

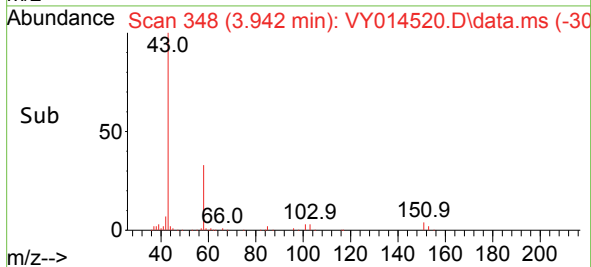
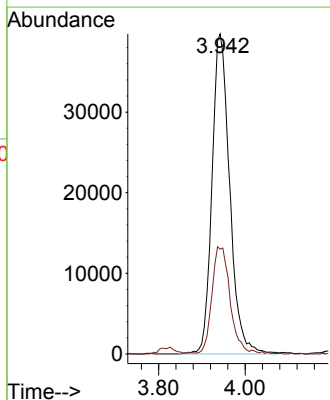
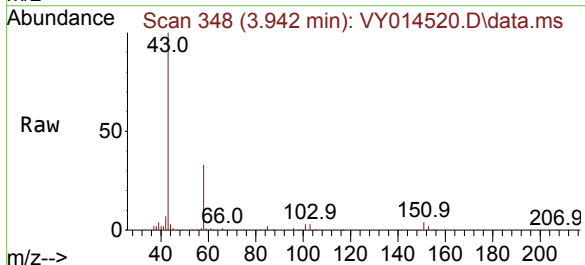
Acq: 30 Jun 2023 17:05

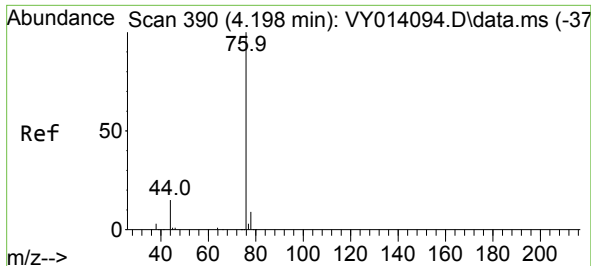
Tgt Ion: 43 Resp: 112994

Ion Ratio Lower Upper

43 100

58 32.6 22.7 34.1

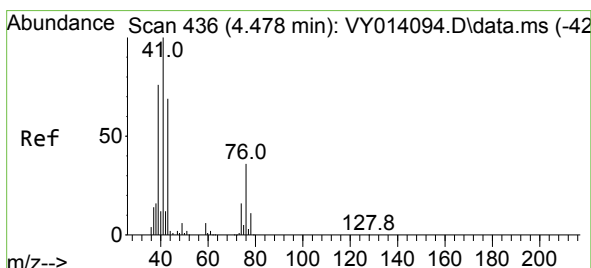
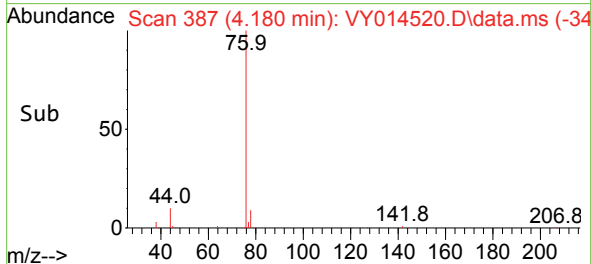
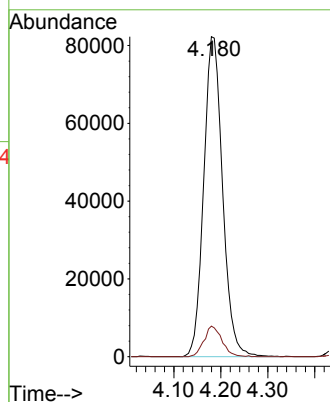
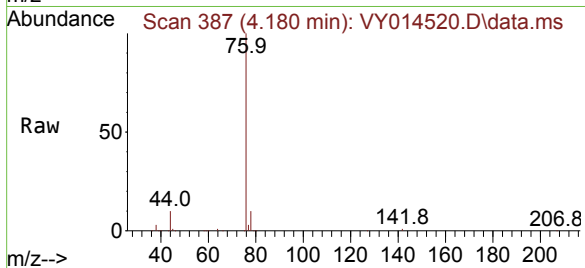




#17
Carbon Disulfide
Concen: 20.089 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

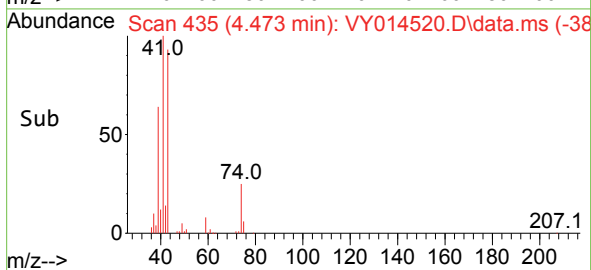
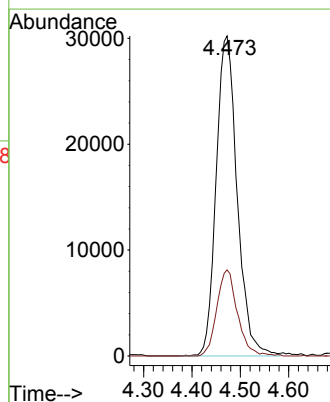
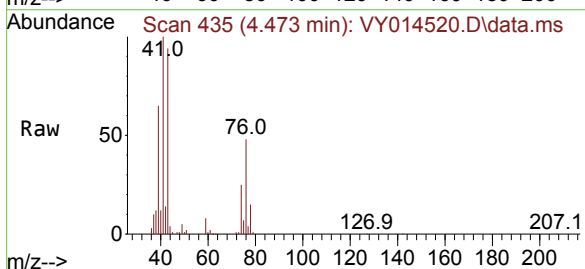
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

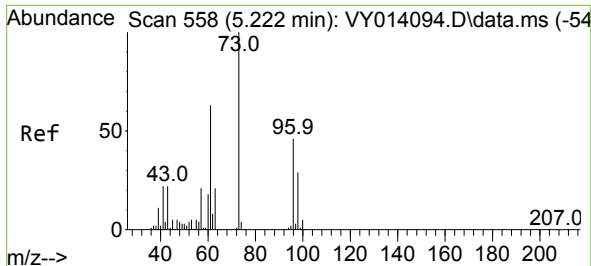
Tgt Ion: 76 Resp: 229217
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 16.139 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 43 Resp: 91111
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#

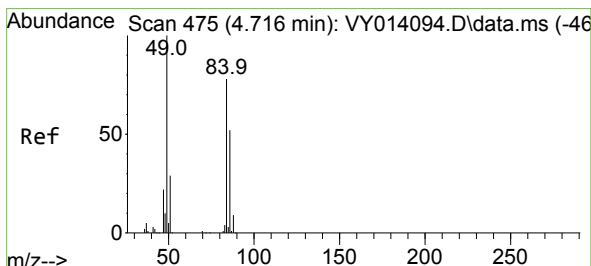
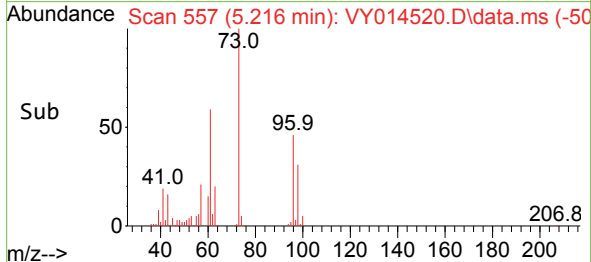
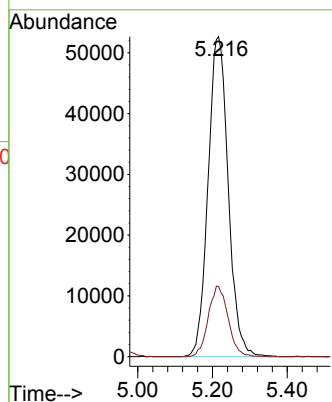
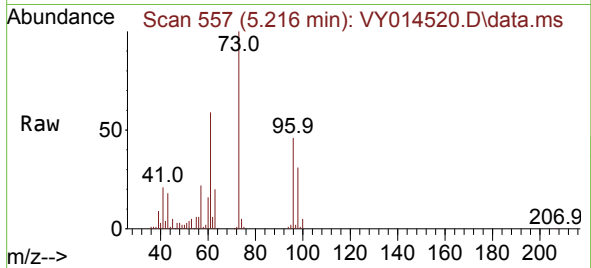




#19
Methyl tert-butyl Ether
Concen: 18.333 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

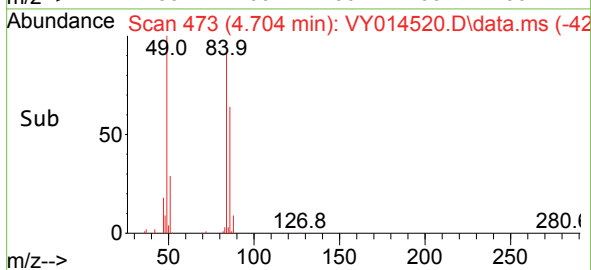
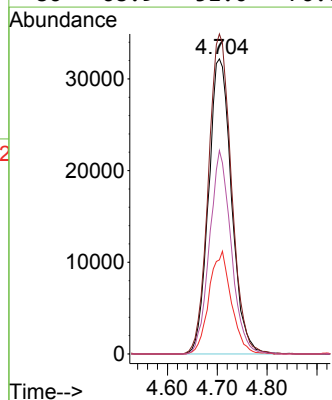
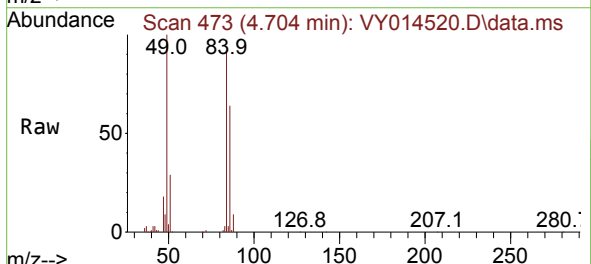
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

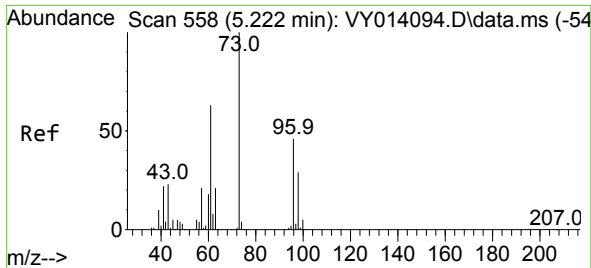
Tgt Ion: 73 Resp: 197289
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 19.881 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 84 Resp: 102989
Ion Ratio Lower Upper
84 100
49 108.5 106.9 160.3
51 31.9 33.2 49.8#
86 68.9 51.0 76.6

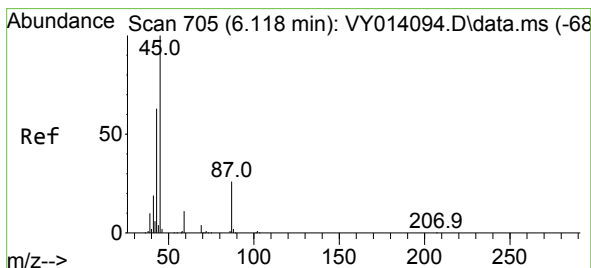
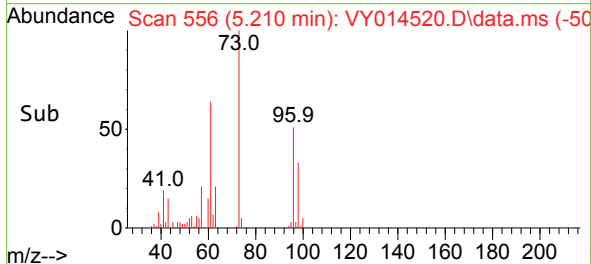
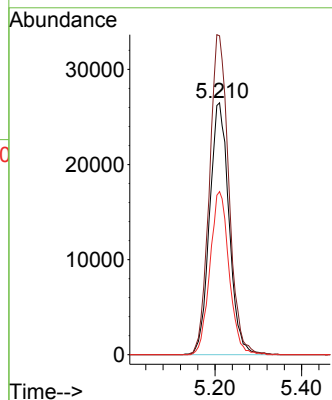
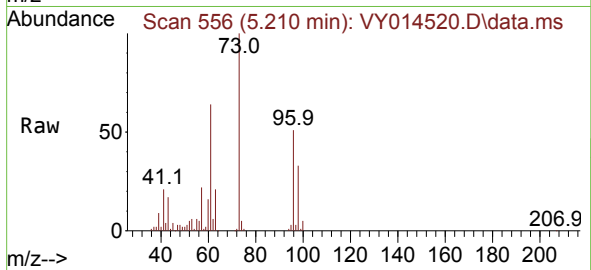




#21
trans-1,2-Dichloroethene
Concen: 19.466 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

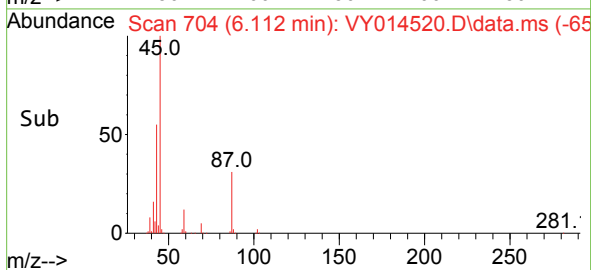
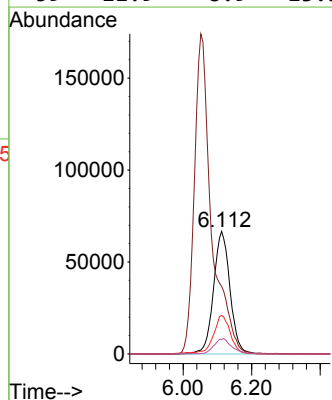
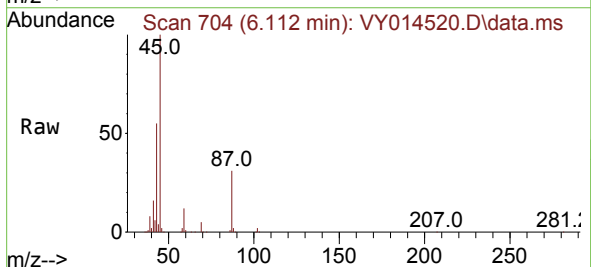
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

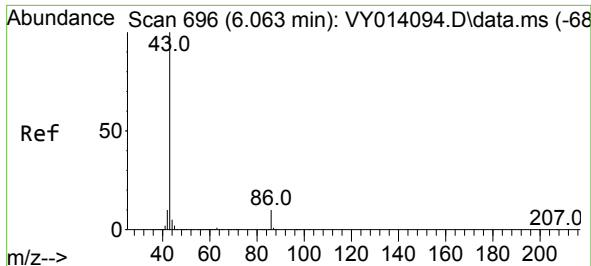
Tgt Ion: 96 Resp: 82502
Ion Ratio Lower Upper
96 100
61 126.6 110.2 165.4
98 64.8 51.8 77.6



#22
Diisopropyl ether
Concen: 19.115 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 45 Resp: 222282
Ion Ratio Lower Upper
45 100
43 54.9 52.2 78.4
87 31.3 21.0 31.6
59 11.9 8.9 13.3

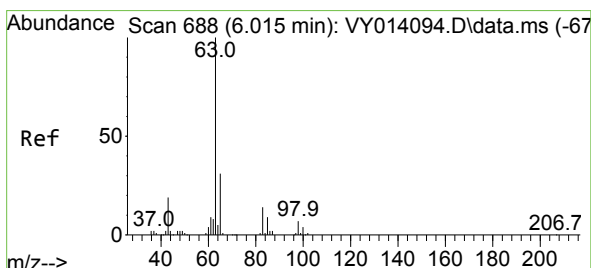
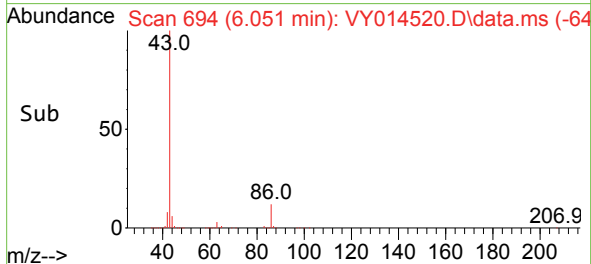
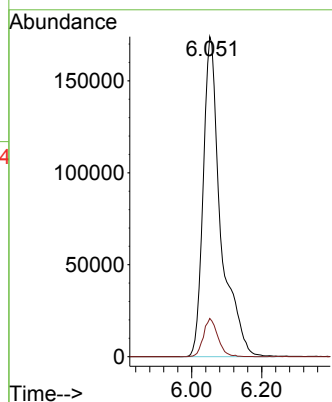
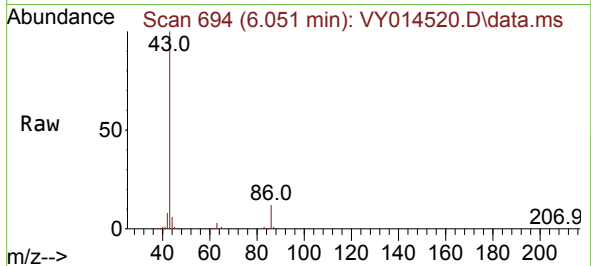




#23
 Vinyl Acetate
 Concen: 90.029 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.011 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

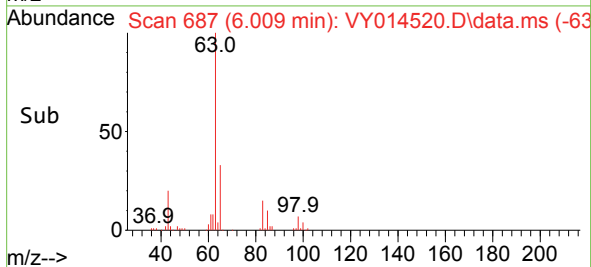
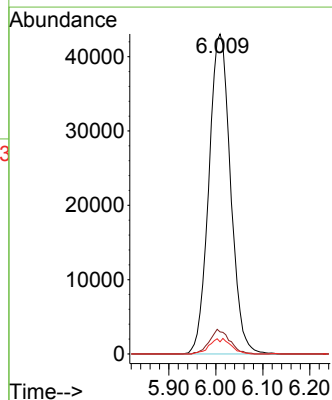
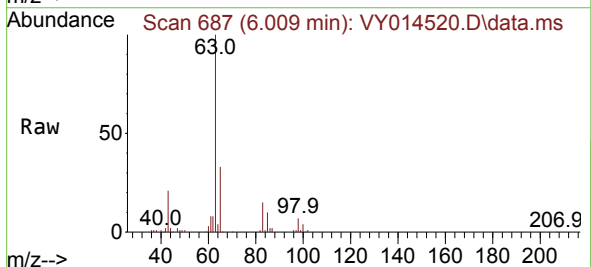
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

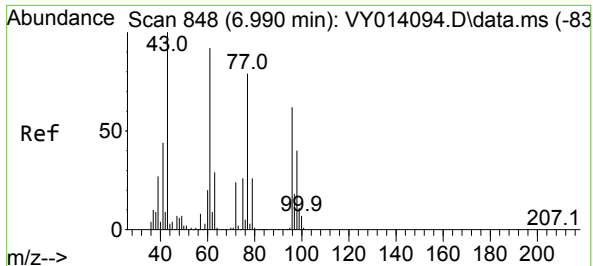
Tgt Ion: 43 Resp: 605709
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.872 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

Tgt Ion: 63 Resp: 137772
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 3.8 1.8 5.5





#25

2-Butanone

Concen: 84.000 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

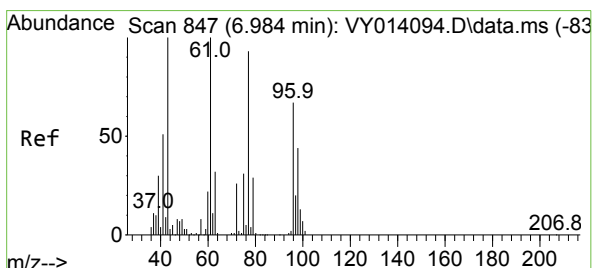
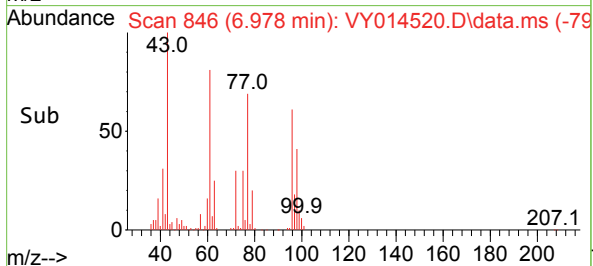
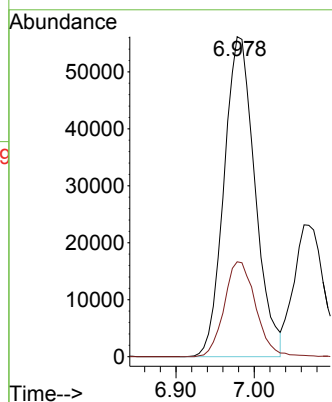
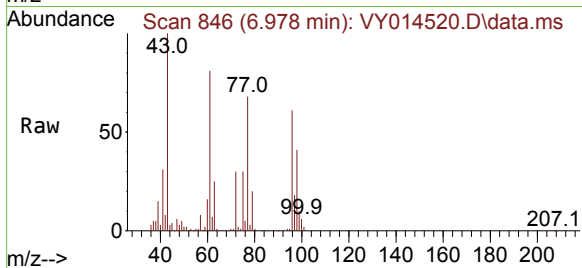
VY0630SBS01

Tgt Ion: 43 Resp: 154247

Ion Ratio Lower Upper

43 100

72 29.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.415 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014520.D

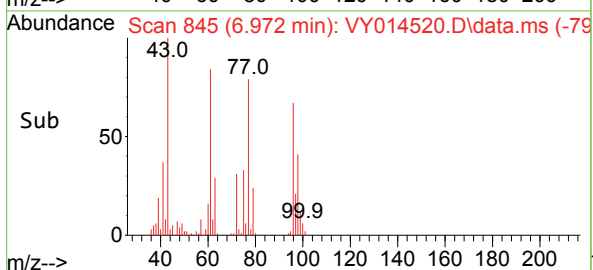
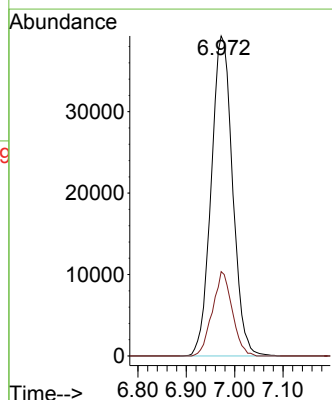
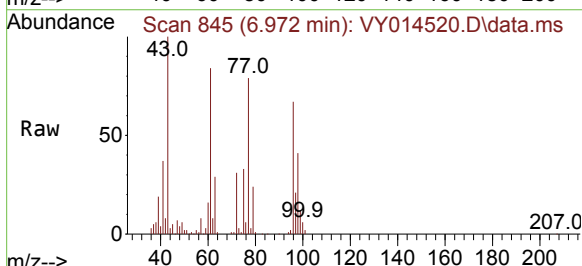
Acq: 30 Jun 2023 17:05

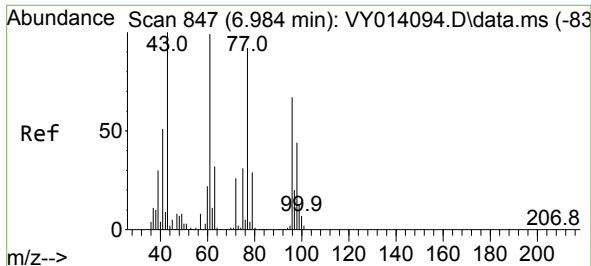
Tgt Ion: 77 Resp: 120810

Ion Ratio Lower Upper

77 100

97 24.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.392 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

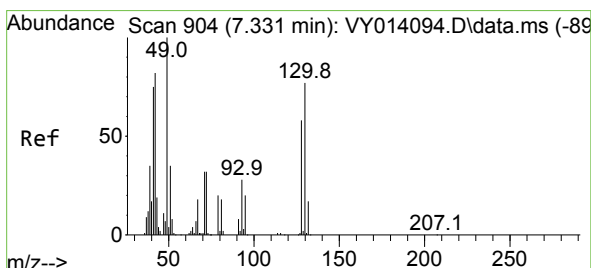
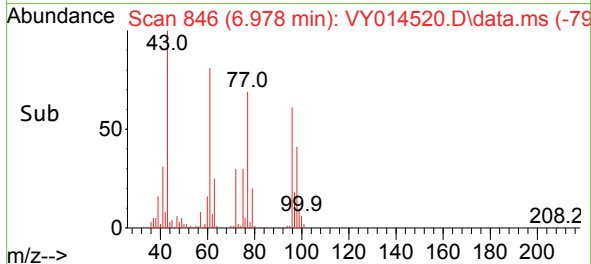
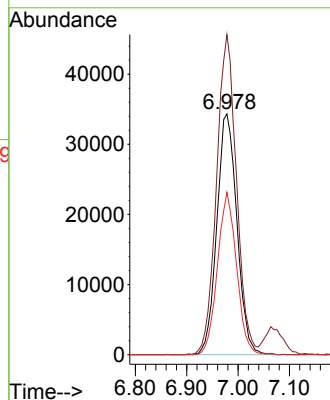
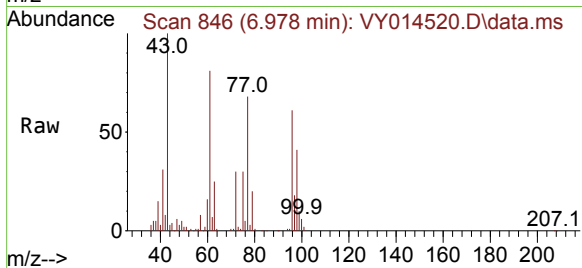
Tgt Ion: 96 Resp: 93231

Ion Ratio Lower Upper

96 100

61 132.0 0.0 301.4

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.211 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

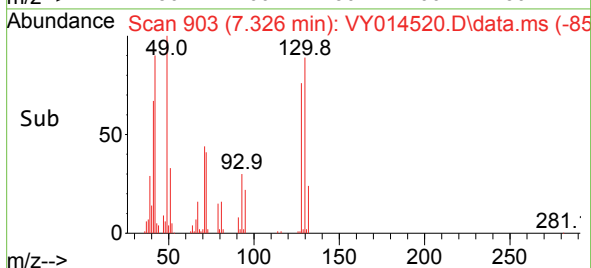
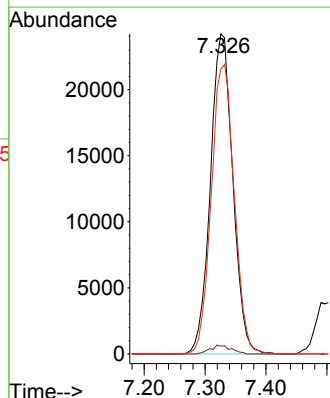
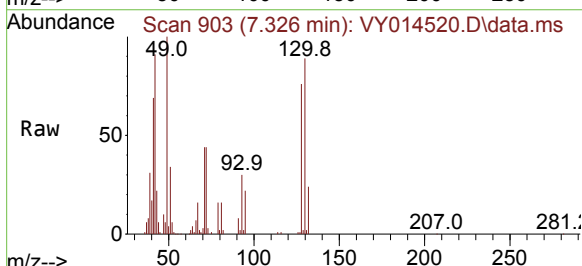
Tgt Ion: 49 Resp: 61954

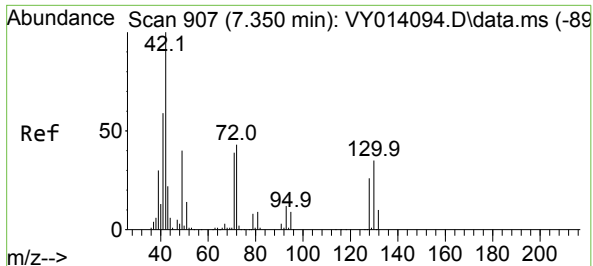
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 92.4 60.7 91.1#





#29

Tetrahydrofuran

Concen: 81.834 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

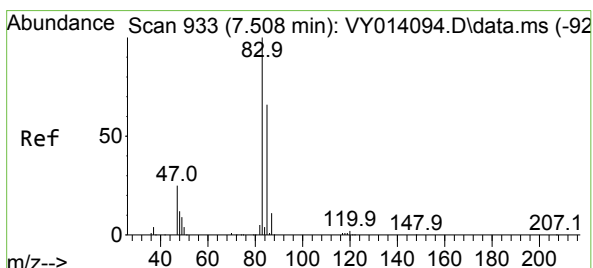
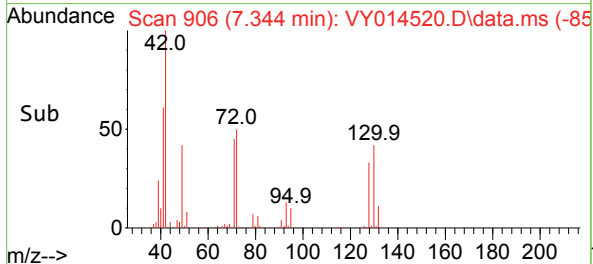
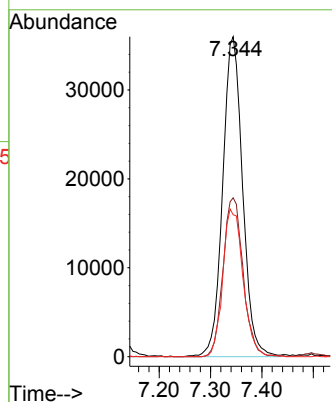
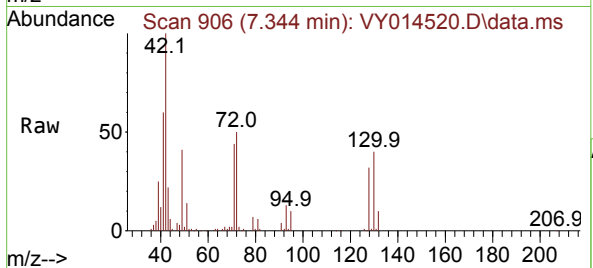
Tgt Ion: 42 Resp: 96927

Ion Ratio Lower Upper

42 100

72 50.0 32.8 49.2#

71 47.0 31.0 46.4#



#30

Chloroform

Concen: 19.037 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014520.D

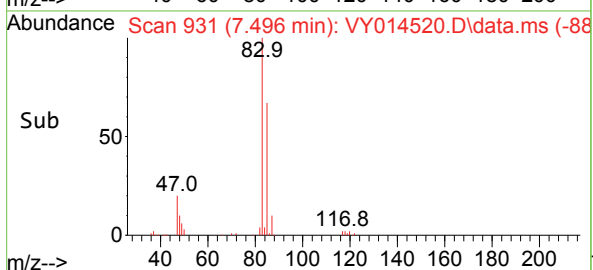
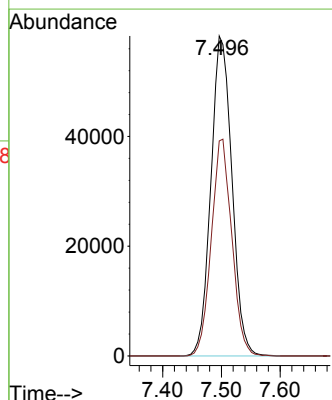
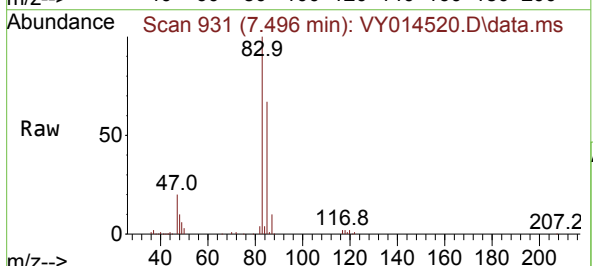
Acq: 30 Jun 2023 17:05

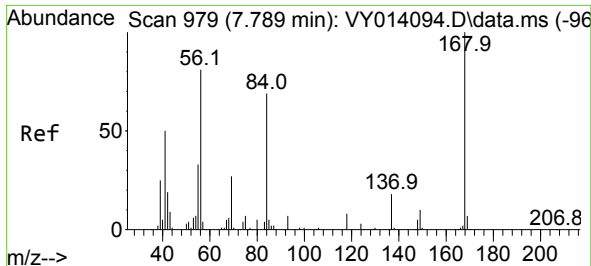
Tgt Ion: 83 Resp: 144969

Ion Ratio Lower Upper

83 100

85 67.2 49.7 74.5

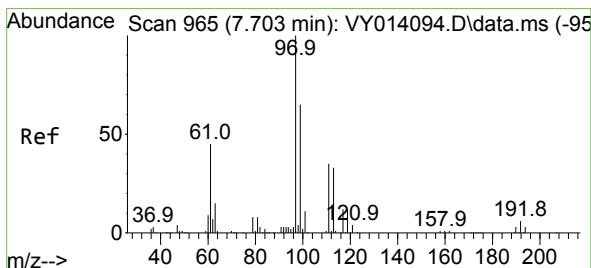
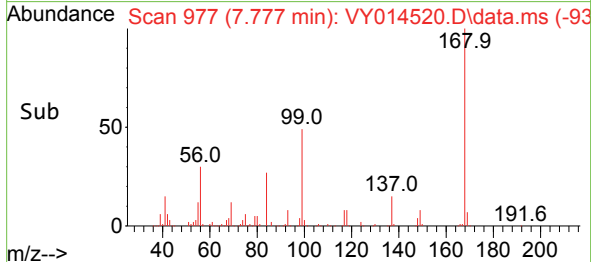
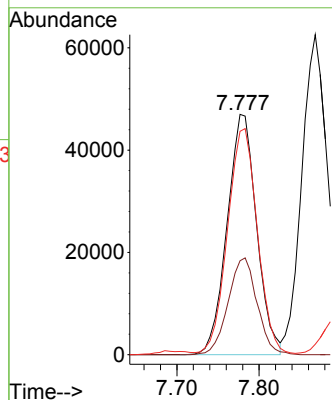
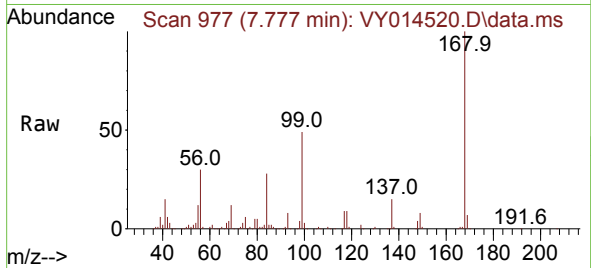




#31
Cyclohexane
Concen: 18.803 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

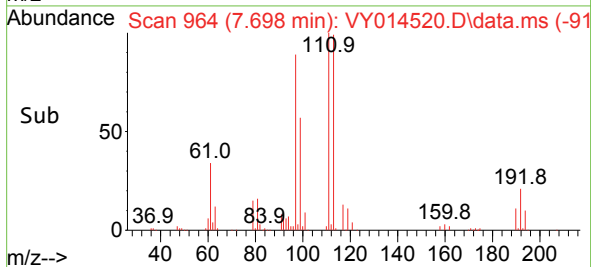
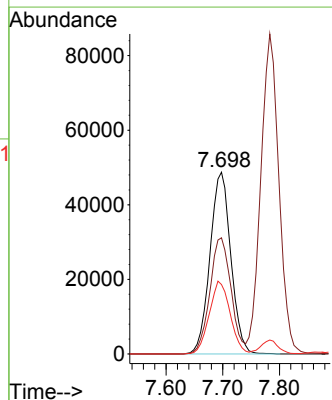
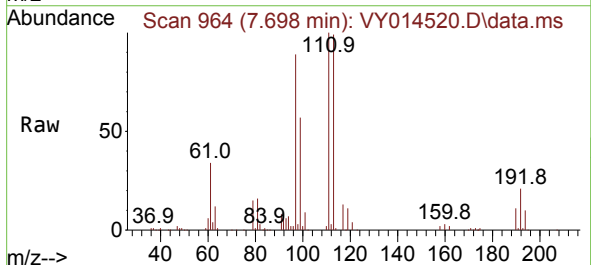
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

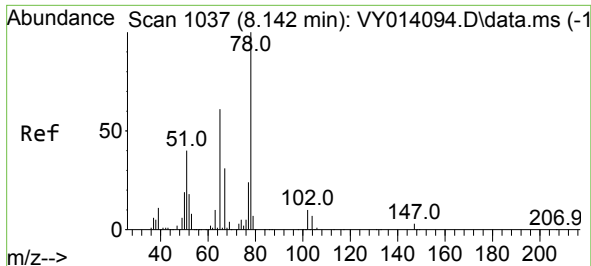
Tgt Ion: 56 Resp: 117146
Ion Ratio Lower Upper
56 100
69 39.1 27.8 41.6
84 91.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.122 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 97 Resp: 124471
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 40.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.444 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

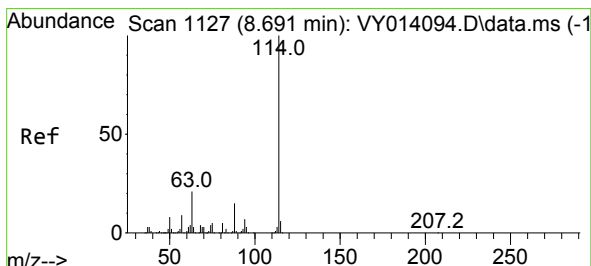
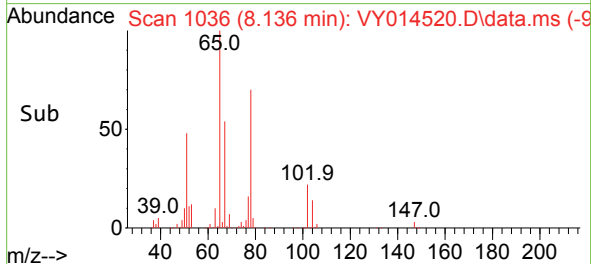
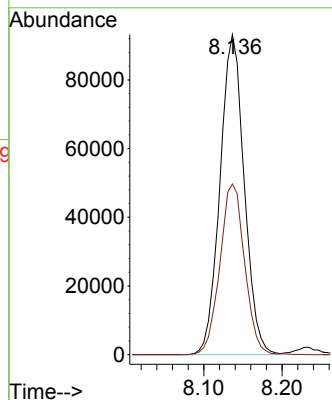
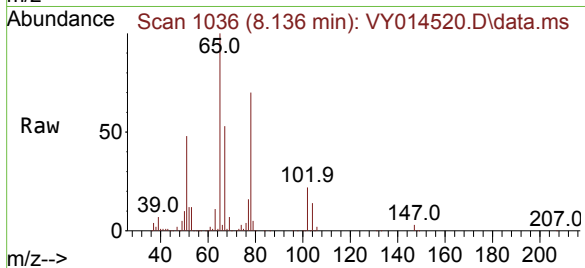
VY0630SBS01

Tgt Ion: 65 Resp: 200321

Ion Ratio Lower Upper

65 100

67 54.5 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: VY014520.D

Acq: 30 Jun 2023 17:05

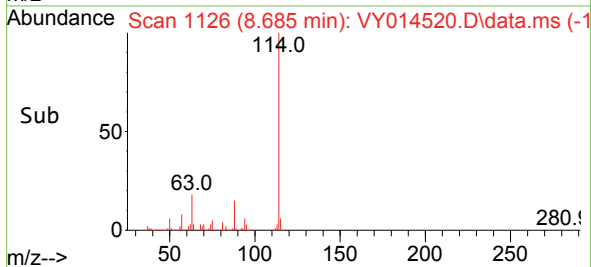
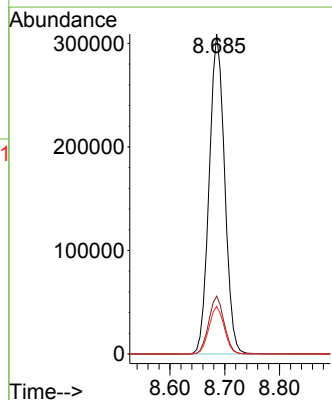
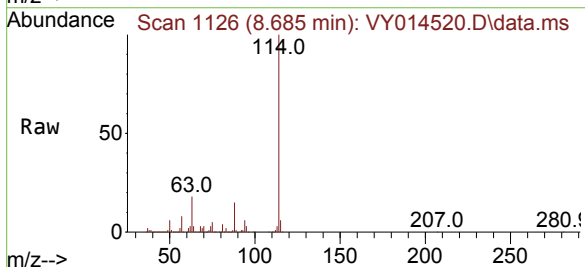
Tgt Ion:114 Resp: 601675

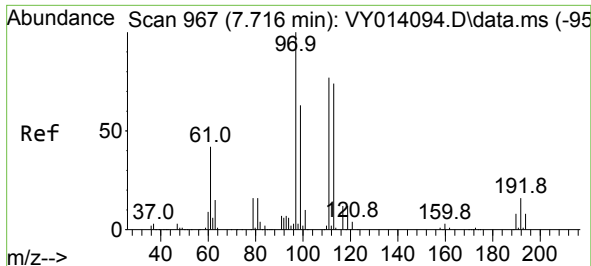
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.9 0.0 30.6

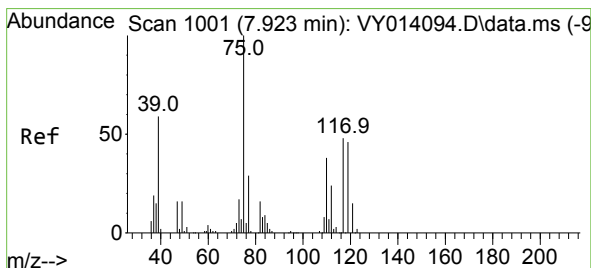
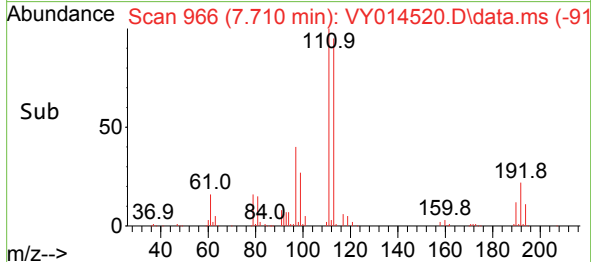
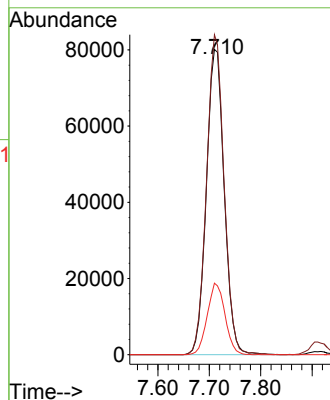
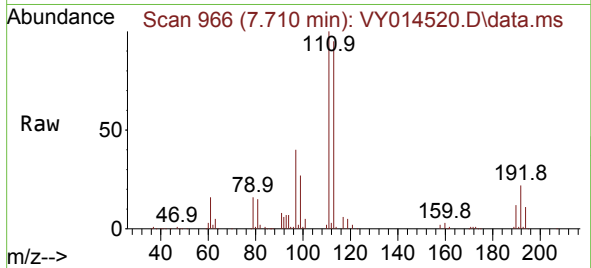




#35
Dibromofluoromethane
Concen: 52.198 ug/l
RT: 7.710 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

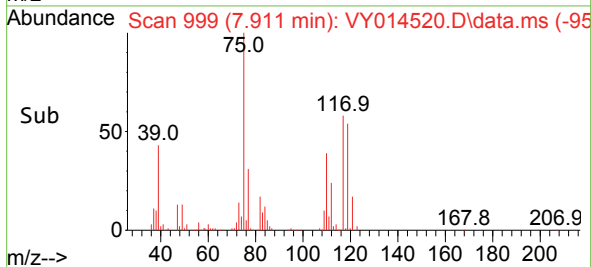
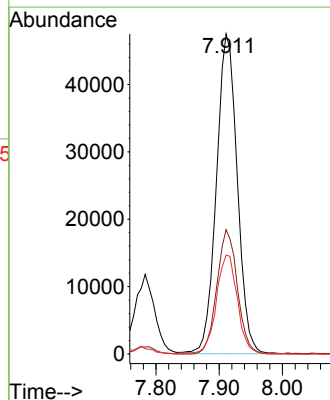
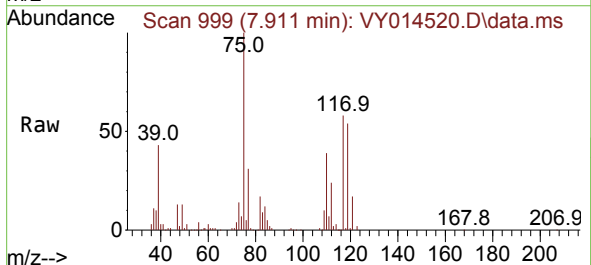
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

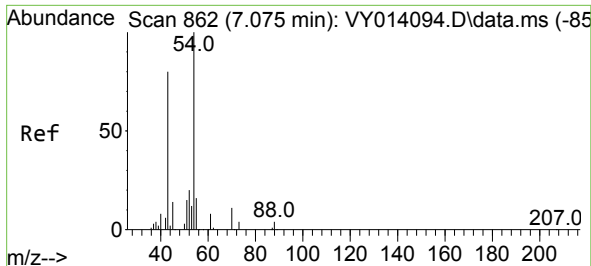
Tgt Ion:113 Resp: 193401
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 23.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.135 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 75 Resp: 108575
Ion Ratio Lower Upper
75 100
110 38.1 17.8 53.5
77 31.5 24.4 36.6

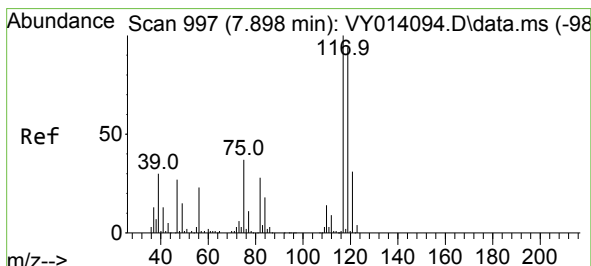
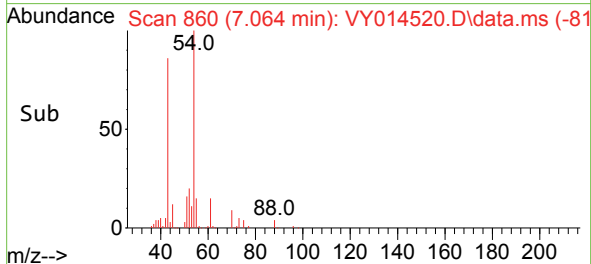
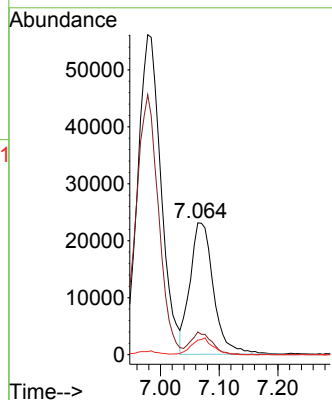
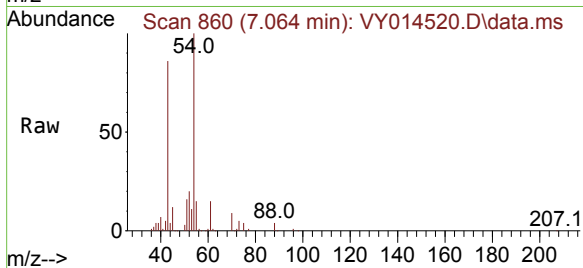




#37
Ethyl Acetate
Concen: 16.513 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.011 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

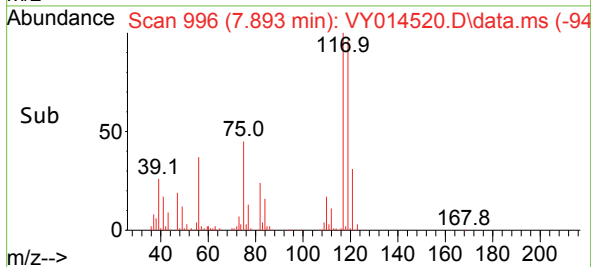
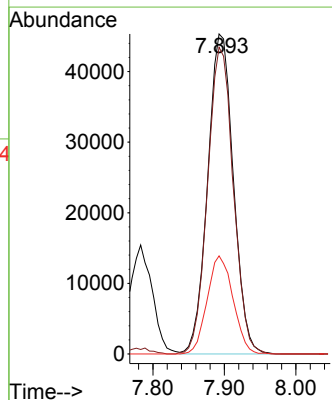
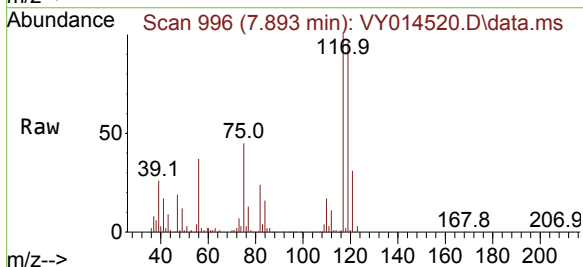
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

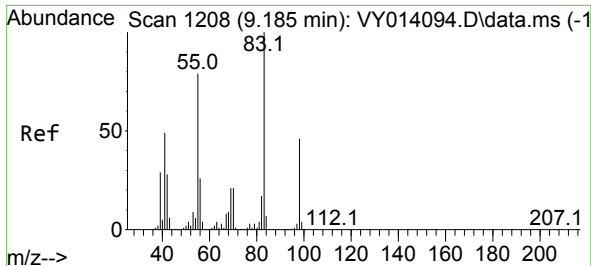
Tgt Ion: 43 Resp: 64258
Ion Ratio Lower Upper
43 100
61 15.3 10.1 15.1#
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.140 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.005 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 117 Resp: 113372
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 18.599 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

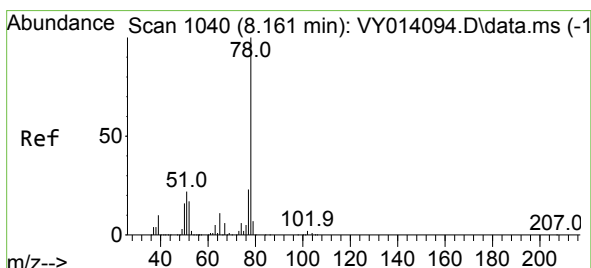
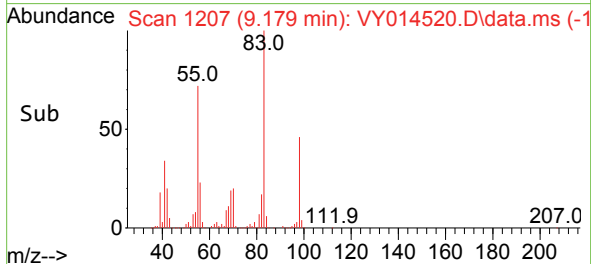
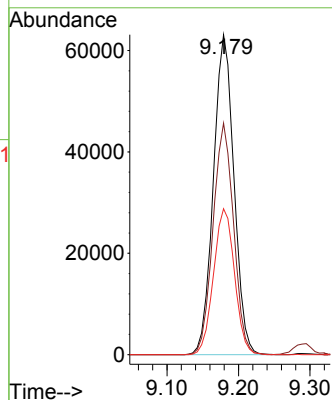
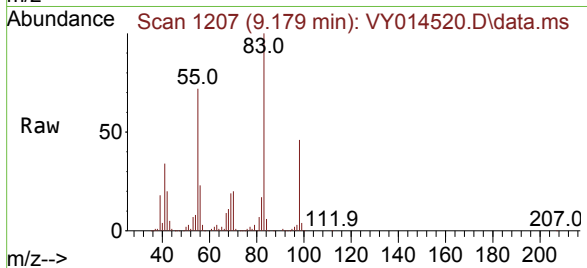
Tgt Ion: 83 Resp: 126142

Ion Ratio Lower Upper

83 100

55 72.3 63.0 94.4

98 45.6 37.4 56.2



#40

Benzene

Concen: 19.197 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014520.D

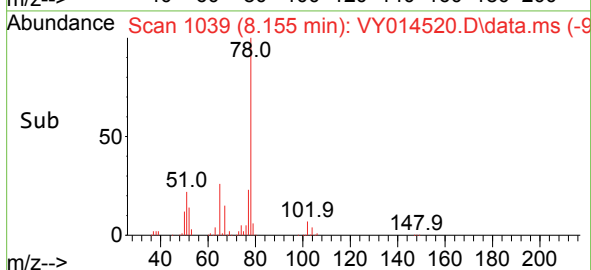
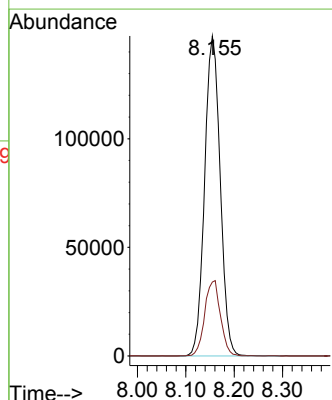
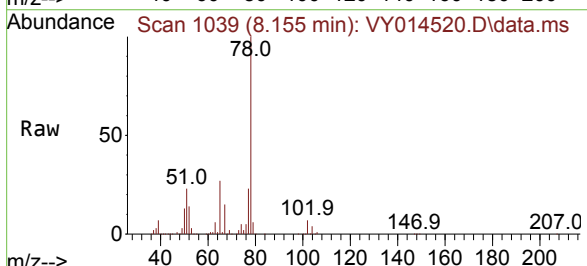
Acq: 30 Jun 2023 17:05

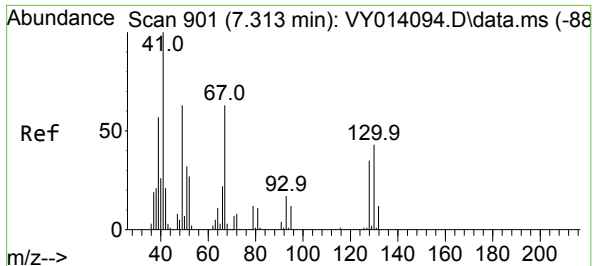
Tgt Ion: 78 Resp: 329721

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

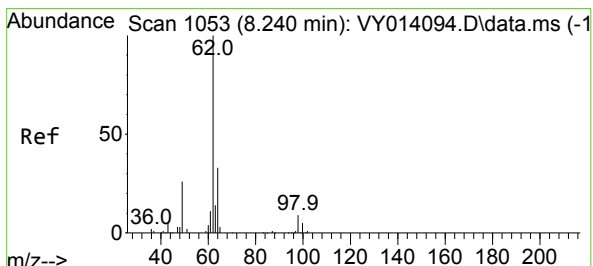
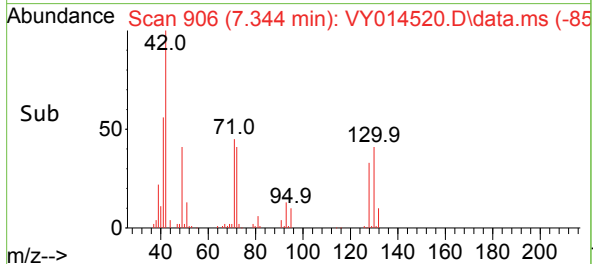
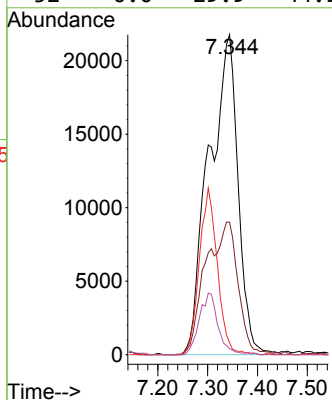
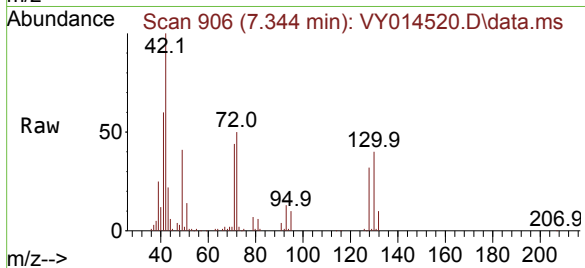




#41
Methacrylonitrile
Concen: 46.180 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

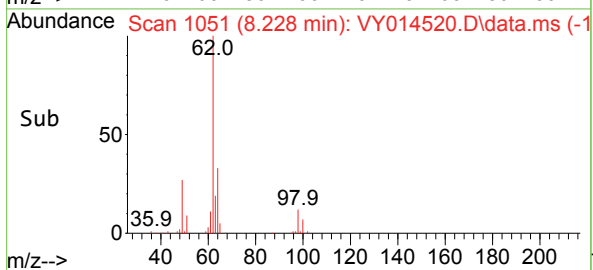
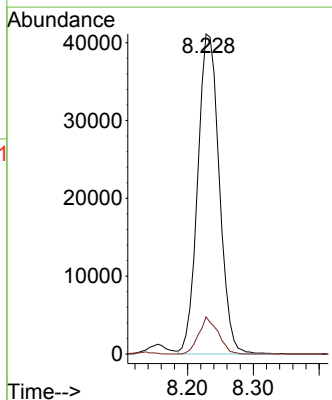
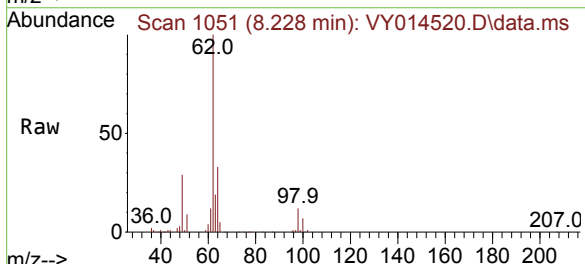
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

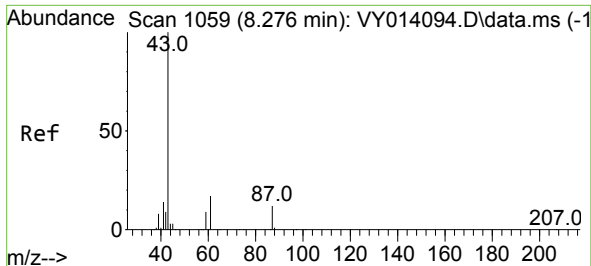
Tgt Ion: 41 Resp: 87789
Ion Ratio Lower Upper
41 100
39 24.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 18.515 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 62 Resp: 93470
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

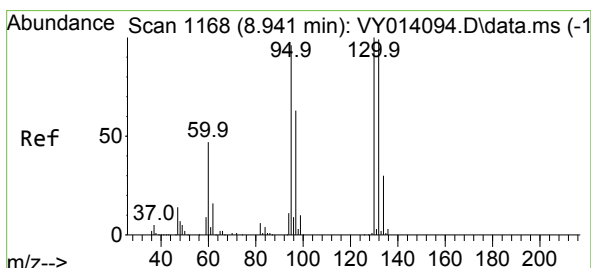
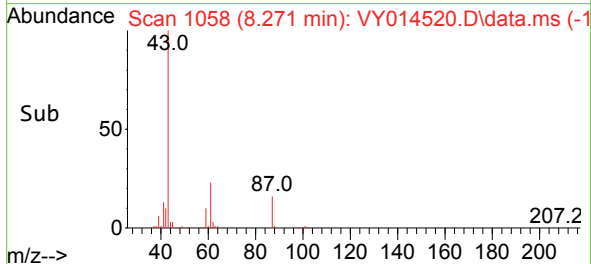
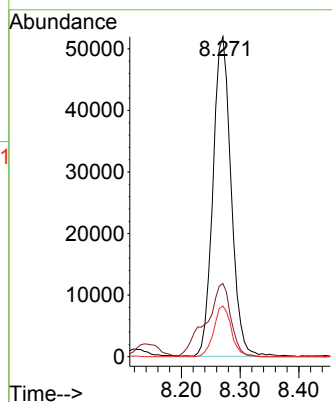
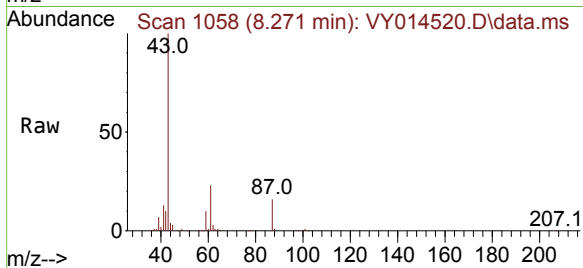




#43
Isopropyl Acetate
Concen: 16.862 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

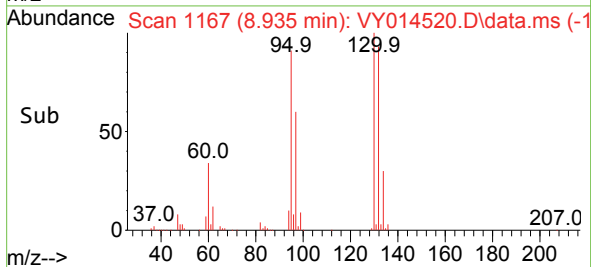
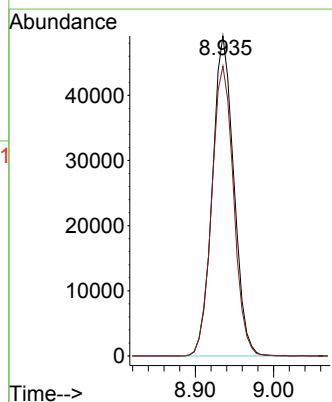
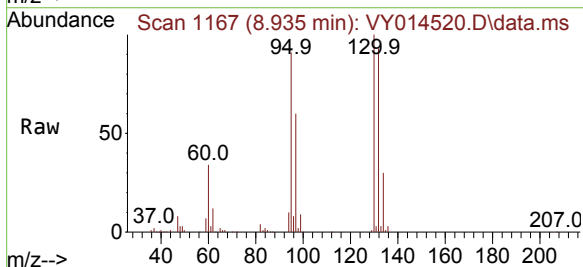
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

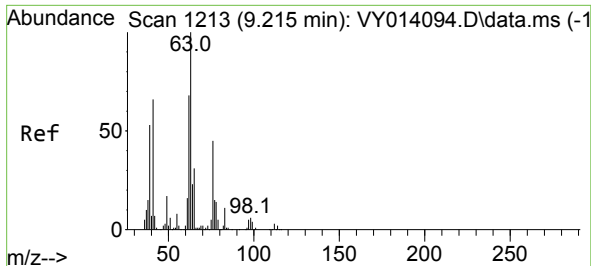
Tgt Ion: 43 Resp: 111193
Ion Ratio Lower Upper
43 100
61 31.4 21.1 31.7
87 15.3 9.8 14.8#



#44
Trichloroethene
Concen: 19.480 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion:130 Resp: 93278
Ion Ratio Lower Upper
130 100
95 90.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.668 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

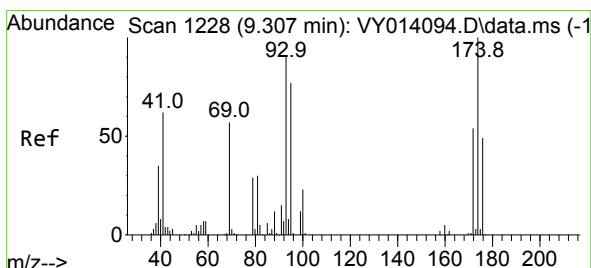
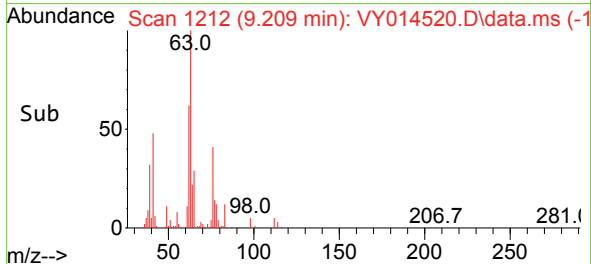
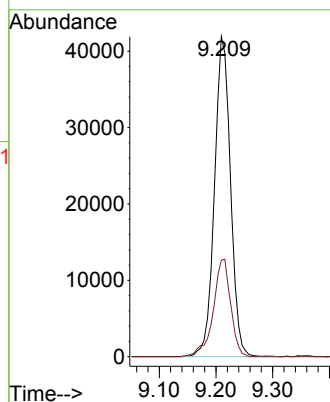
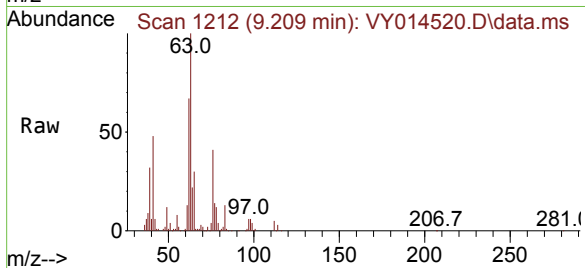
VY0630SBS01

Tgt Ion: 63 Resp: 82253

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 18.337 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

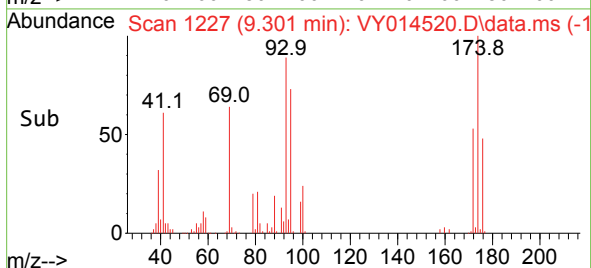
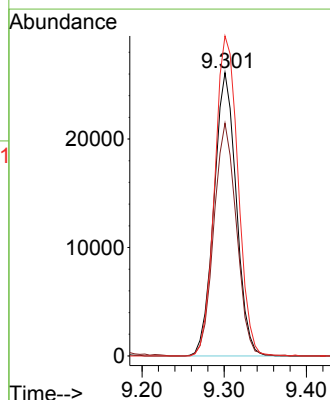
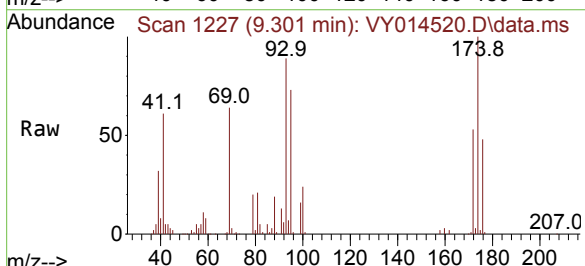
Tgt Ion: 93 Resp: 49187

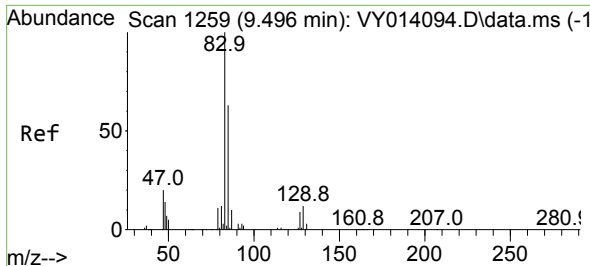
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 117.7 84.8 127.2

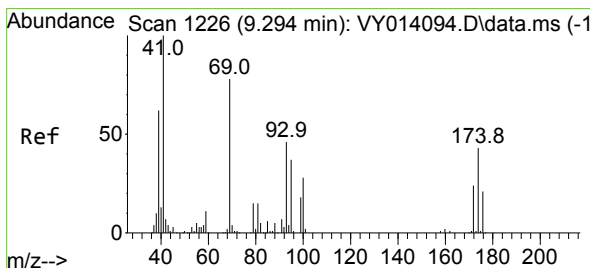
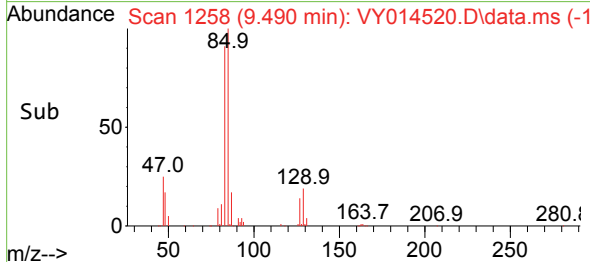
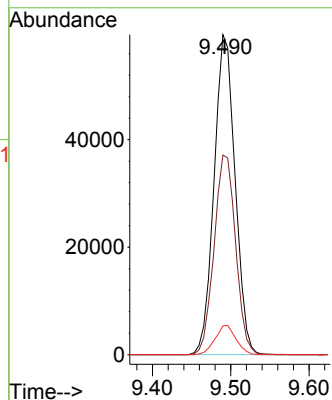
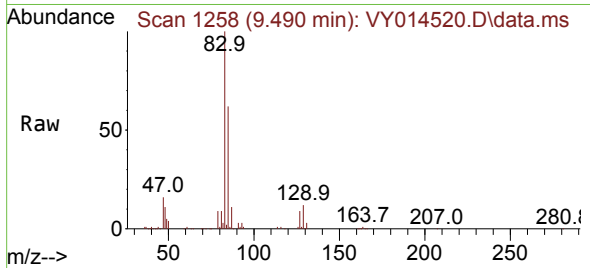




#47
 Bromodichloromethane
 Concen: 18.779 ug/l
 RT: 9.490 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

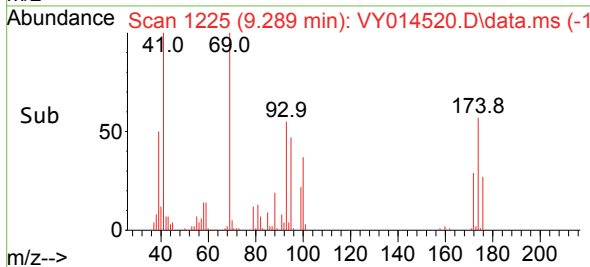
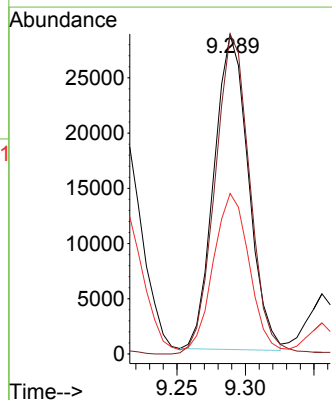
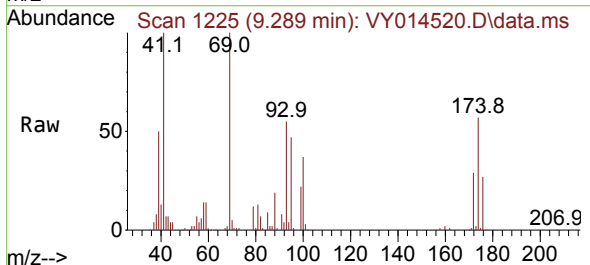
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

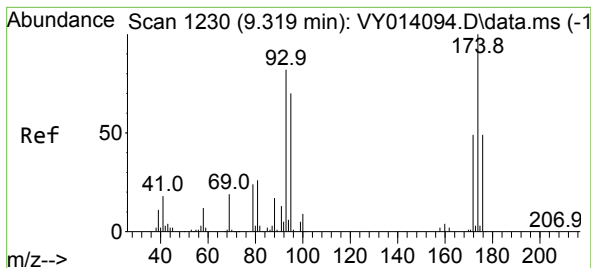
Tgt Ion: 83 Resp: 110990
 Ion Ratio Lower Upper
 83 100
 85 62.4 50.1 75.1
 127 9.0 7.1 10.7



#48
 Methyl methacrylate
 Concen: 16.605 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.005 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

Tgt Ion: 41 Resp: 49795
 Ion Ratio Lower Upper
 41 100
 69 103.2 64.5 96.7#
 39 51.2 50.8 76.2





#49

1,4-Dioxane

Concen: 335.495 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

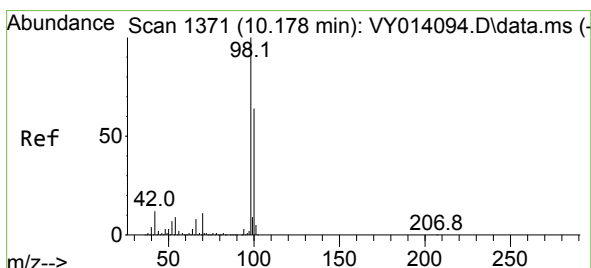
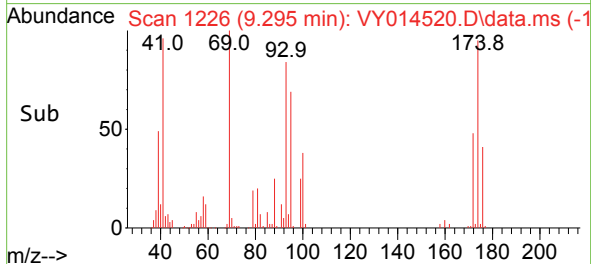
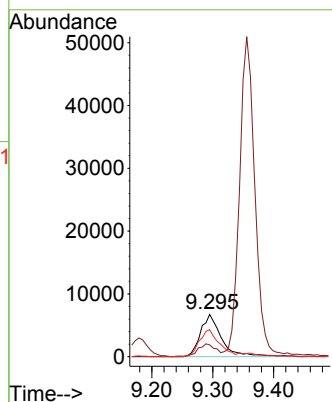
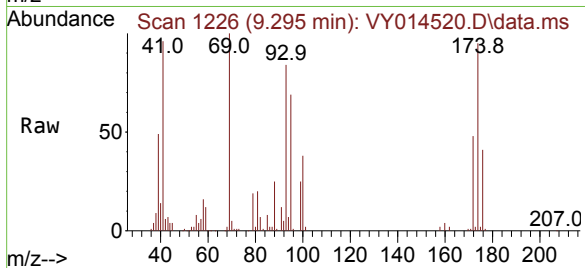
Tgt Ion: 88 Resp: 16070

Ion Ratio Lower Upper

88 100

43 25.8 0.0 0.0#

58 59.9 30.9 46.3#



#50

Toluene-d8

Concen: 52.036 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014520.D

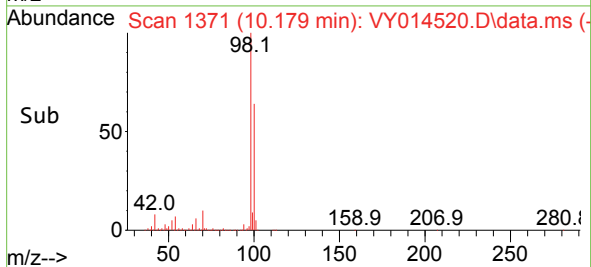
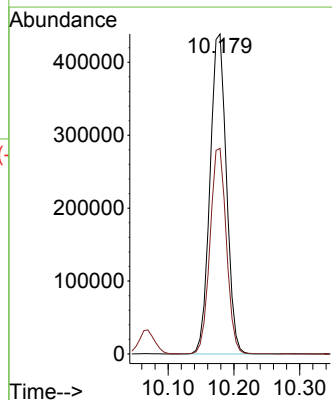
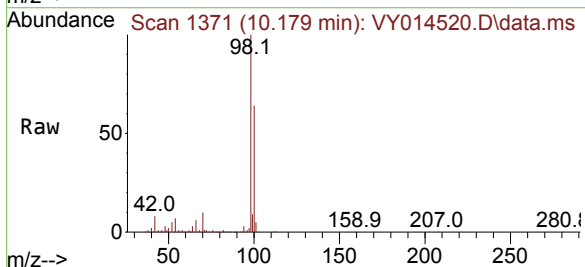
Acq: 30 Jun 2023 17:05

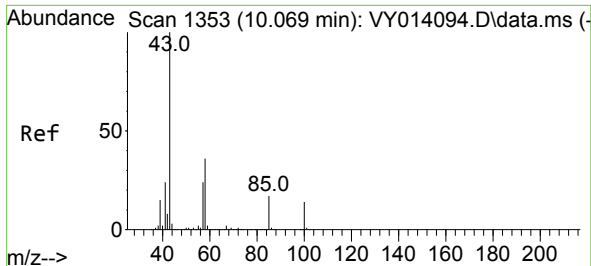
Tgt Ion: 98 Resp: 762171

Ion Ratio Lower Upper

98 100

100 64.1 50.1 75.1

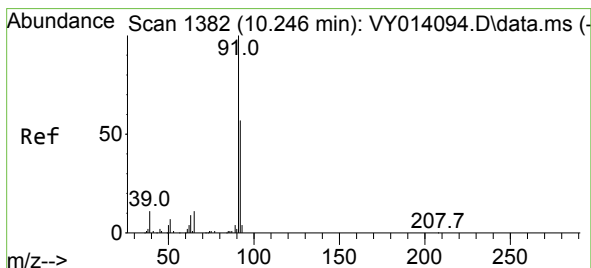
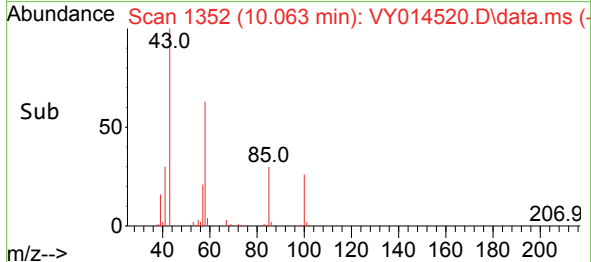
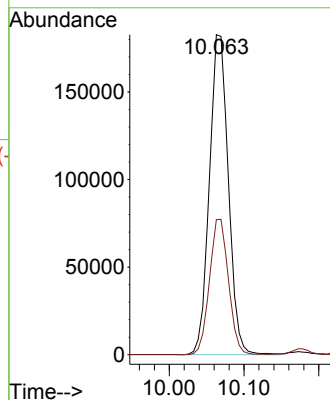
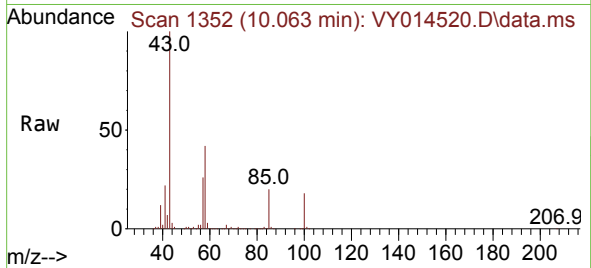




#51
4-Methyl-2-Pentanone
Concen: 82.485 ug/l
RT: 10.063 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

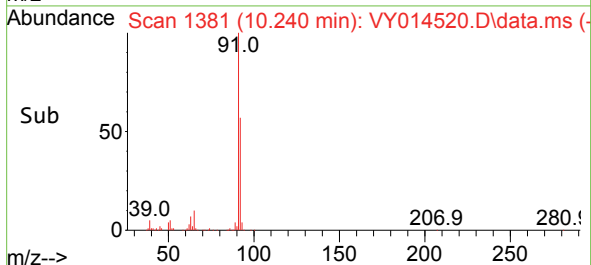
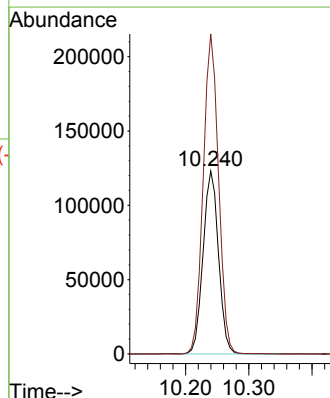
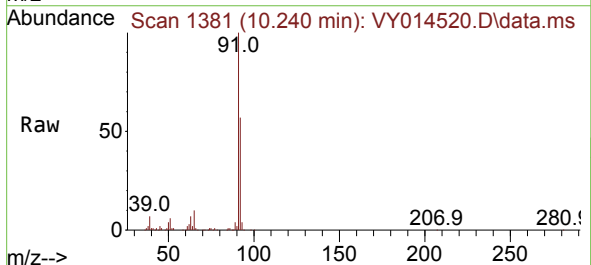
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

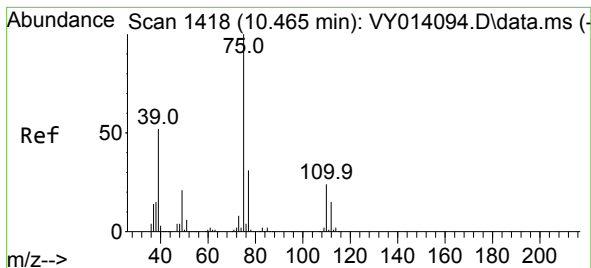
Tgt Ion: 43 Resp: 322028
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6



#52
Toluene
Concen: 19.364 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 92 Resp: 209291
Ion Ratio Lower Upper
92 100
91 173.9 143.8 215.6

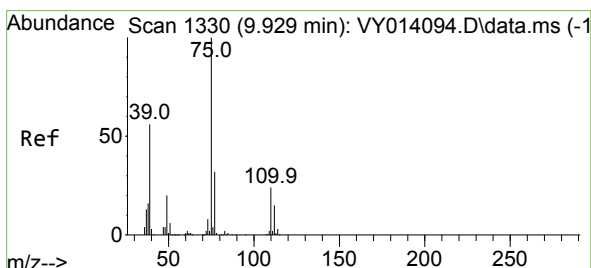
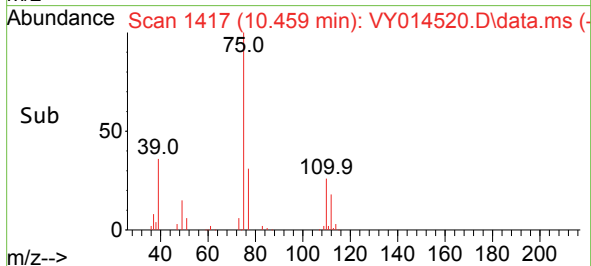
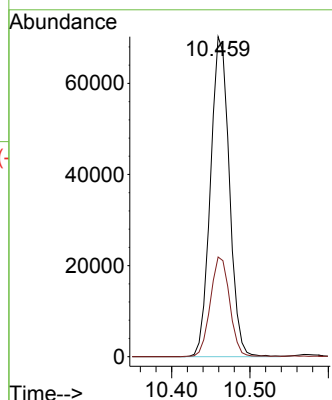
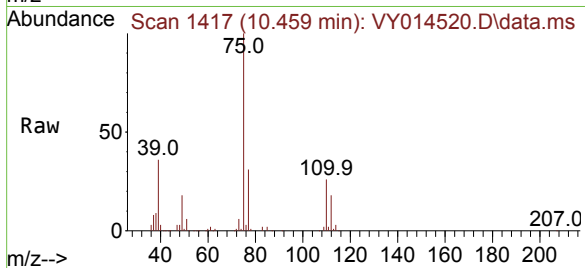




#53
 t-1,3-Dichloropropene
 Concen: 18.546 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

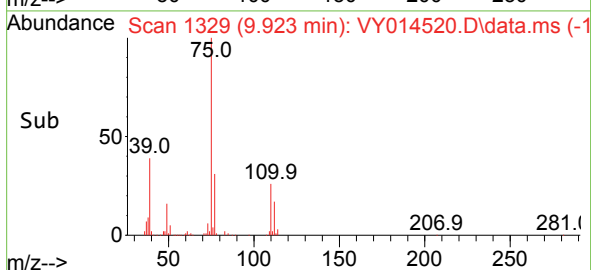
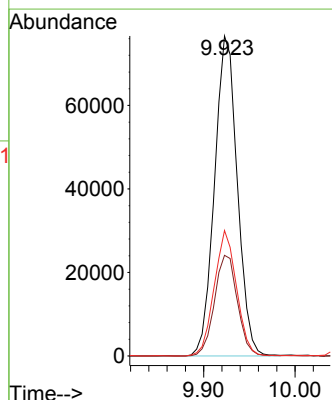
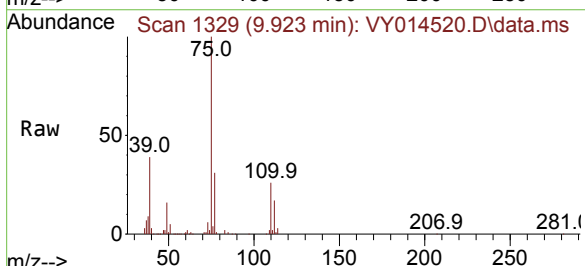
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

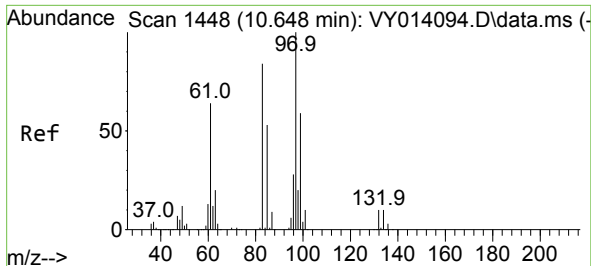
Tgt Ion: 75 Resp: 117216
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.811 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

Tgt Ion: 75 Resp: 132654
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 39.2 42.2 63.4#

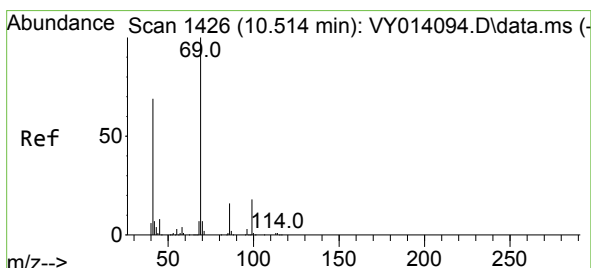
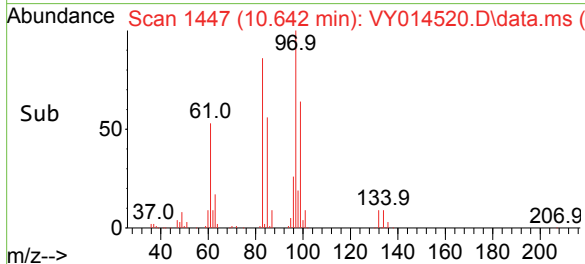
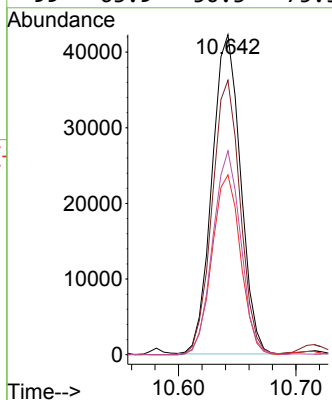
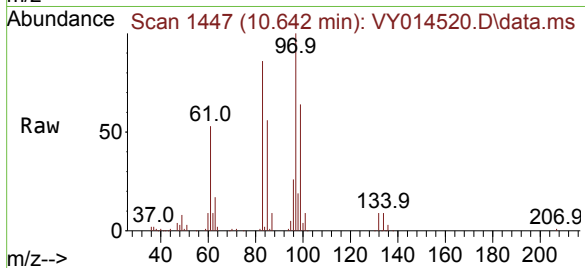




#55
1,1,2-Trichloroethane
Concen: 18.227 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

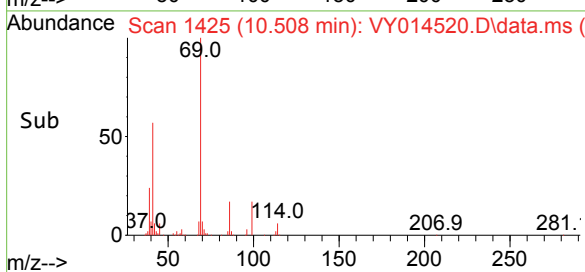
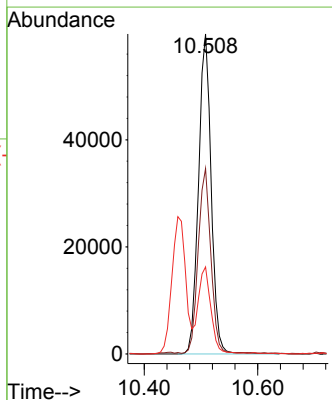
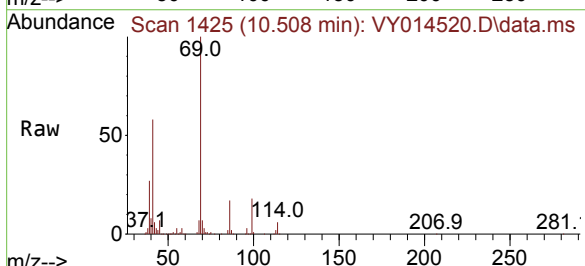
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

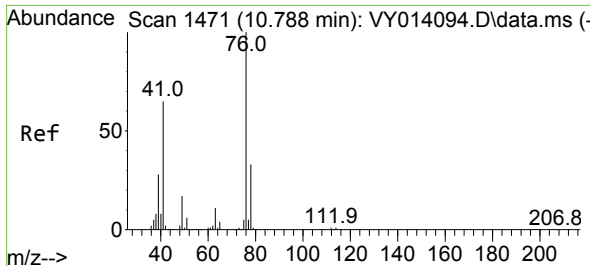
Tgt Ion:	97	Resp:	71142
Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.0	108.0
85	56.4	45.4	68.0
99	63.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 17.457 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion:	69	Resp:	92688
Ion	Ratio	Lower	Upper
69	100		
41	57.3	57.6	86.4#
39	27.1	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 18.267 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

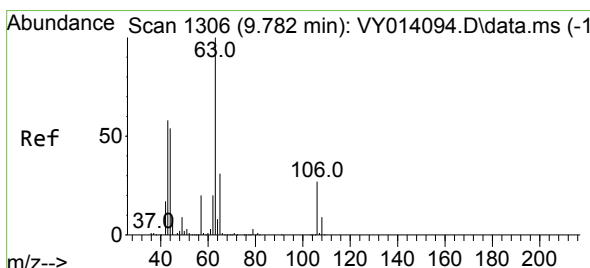
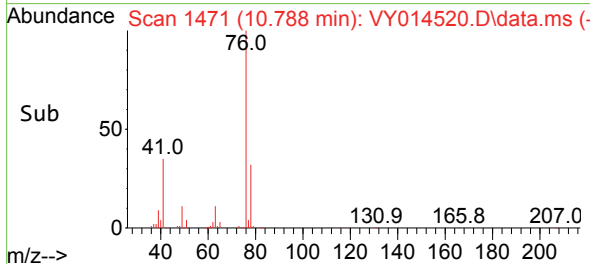
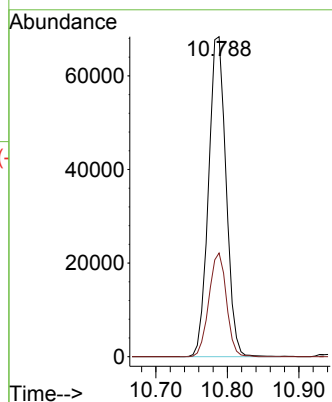
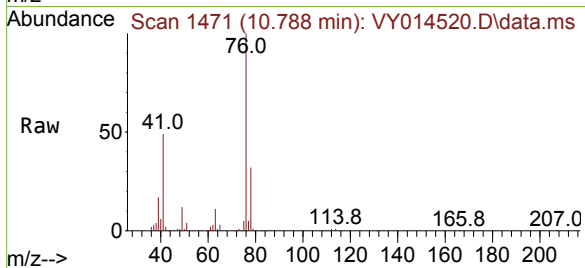
VY0630SBS01

Tgt Ion: 76 Resp: 116175

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 93.382 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014520.D

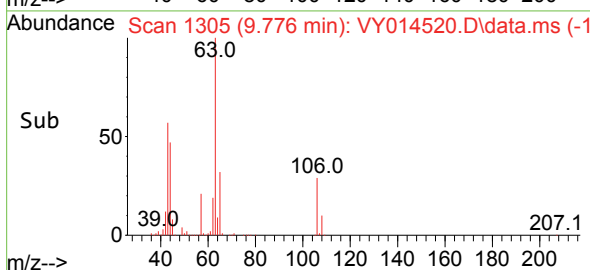
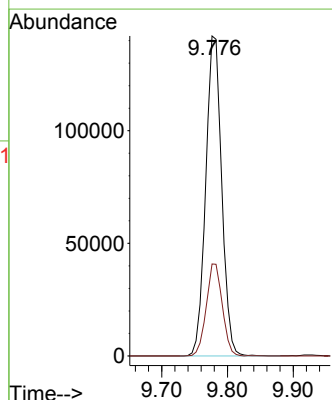
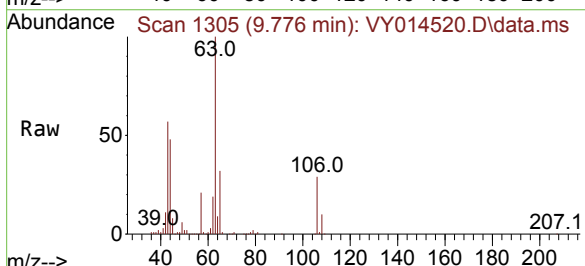
Acq: 30 Jun 2023 17:05

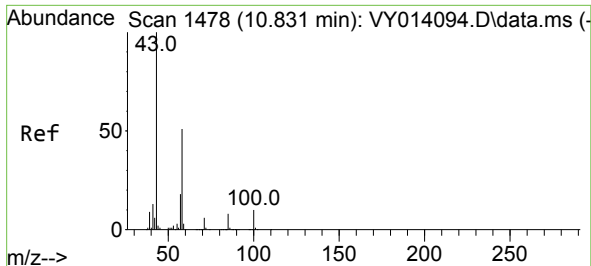
Tgt Ion: 63 Resp: 240195

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

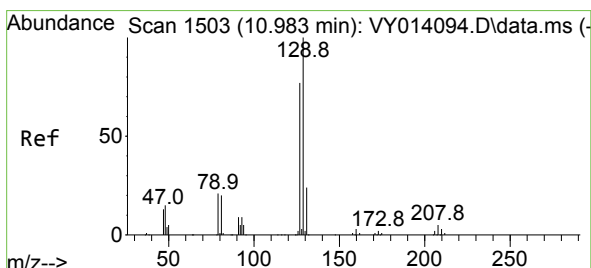
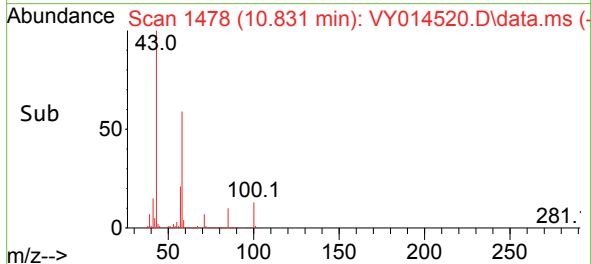
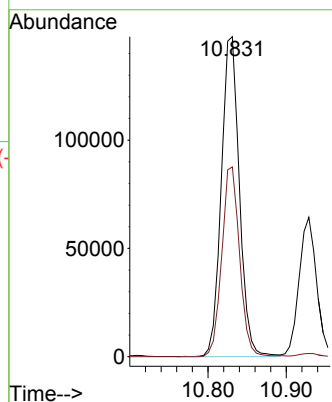
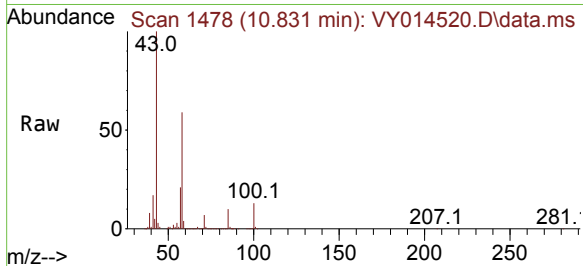




#59
2-Hexanone
Concen: 84.293 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

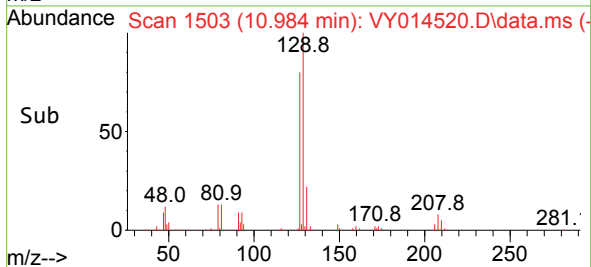
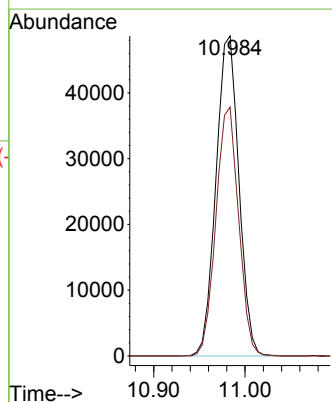
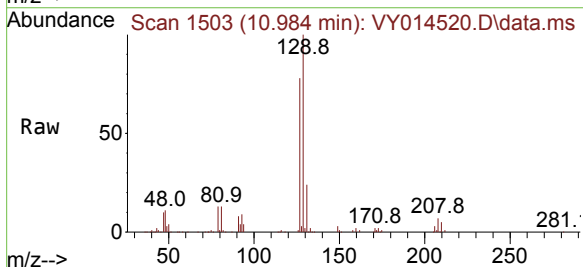
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

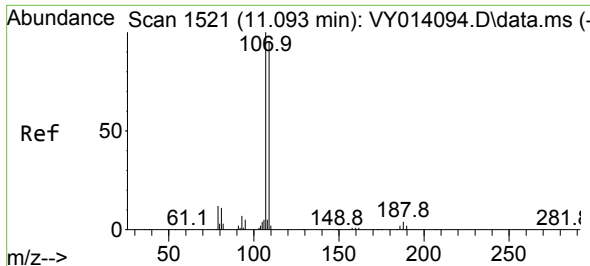
Tgt Ion: 43 Resp: 237719
Ion Ratio Lower Upper
43 100
58 58.5 25.1 75.3



#60
Dibromochloromethane
Concen: 18.553 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 129 Resp: 84854
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

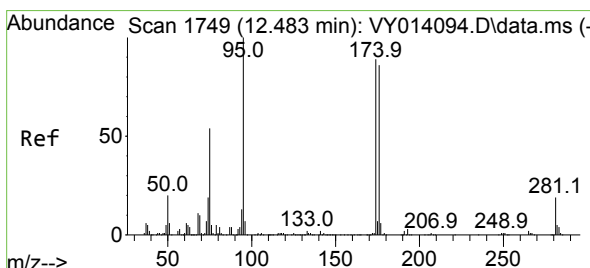
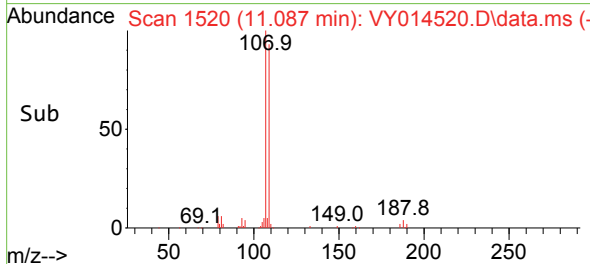
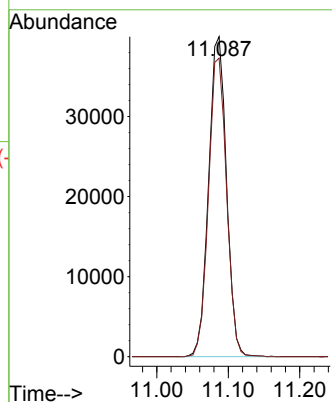
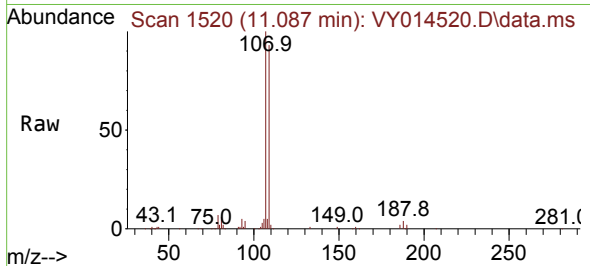




#61
1,2-Dibromoethane
Concen: 18.188 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

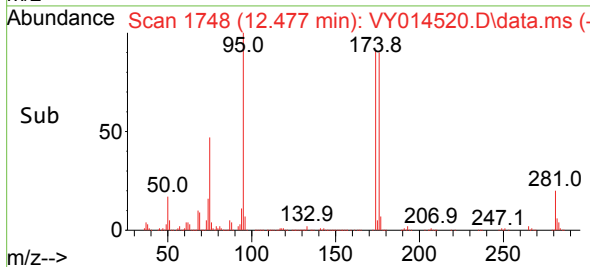
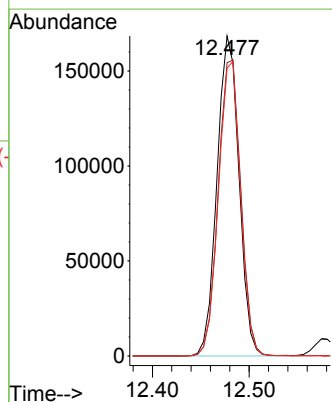
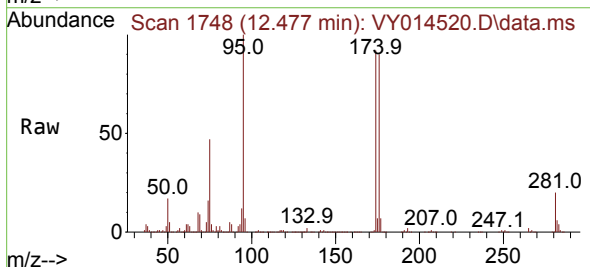
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

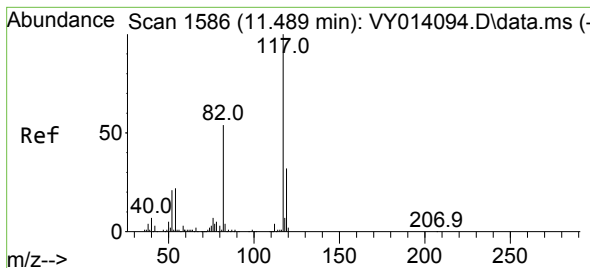
Tgt Ion:107 Resp: 69308
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.206 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 95 Resp: 265518
Ion Ratio Lower Upper
95 100
174 95.0 0.0 178.2
176 92.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

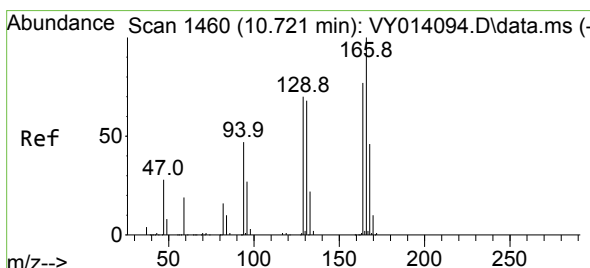
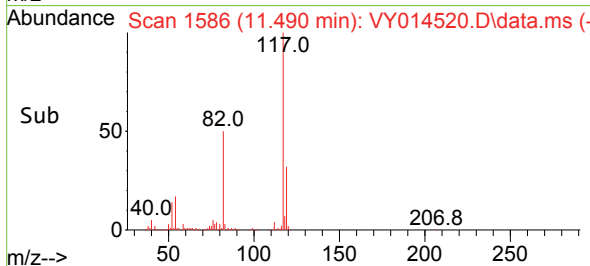
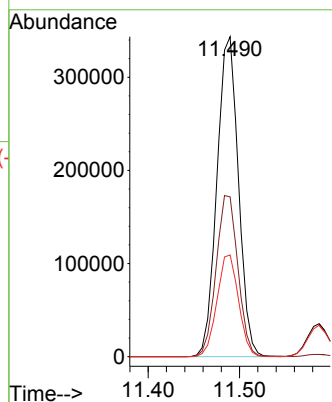
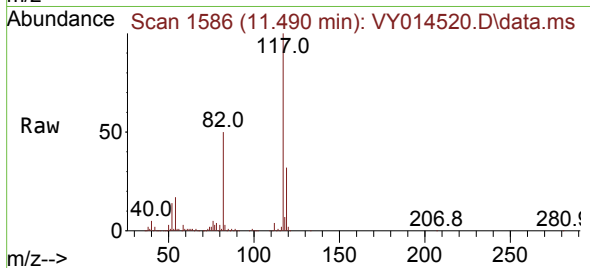
Tgt Ion:117 Resp: 561152

Ion Ratio Lower Upper

117 100

82 50.0 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 19.026 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Tgt Ion:164 Resp: 95443

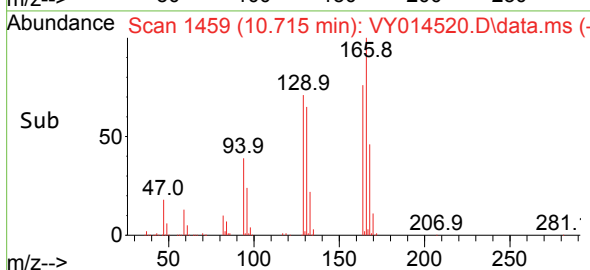
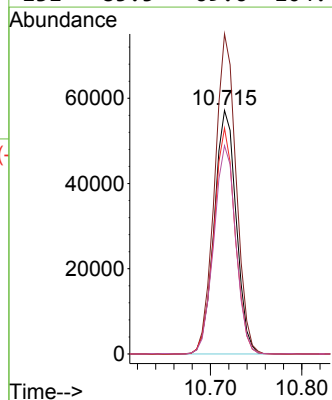
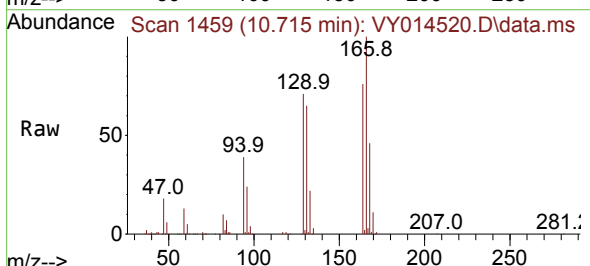
Ion Ratio Lower Upper

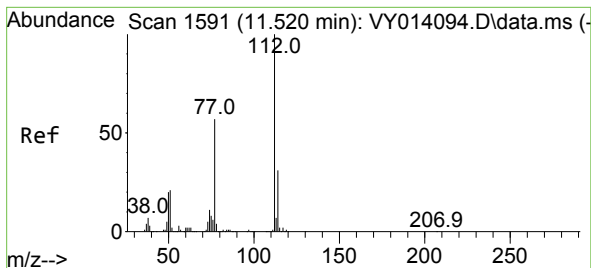
164 100

166 131.4 103.0 154.6

129 92.7 77.2 115.8

131 85.5 69.6 104.4

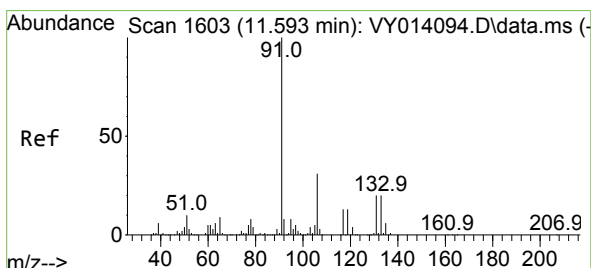
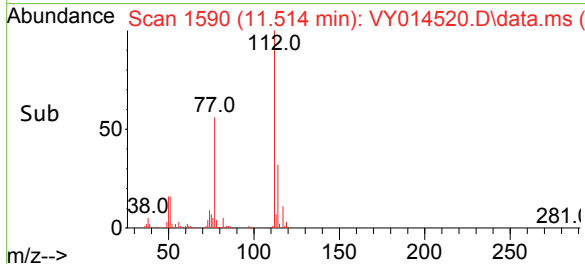
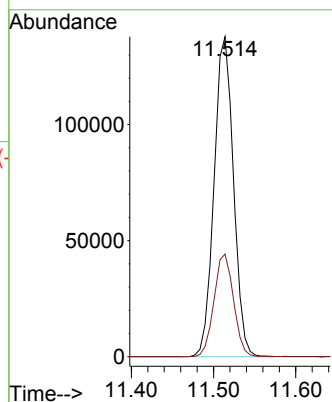
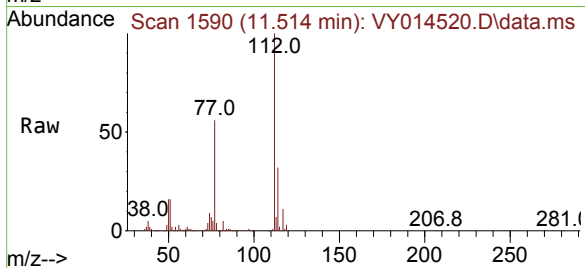




#65
Chlorobenzene
Concen: 18.891 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

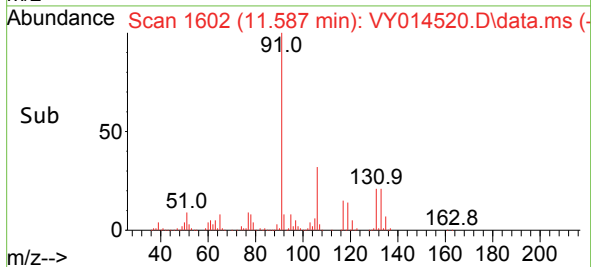
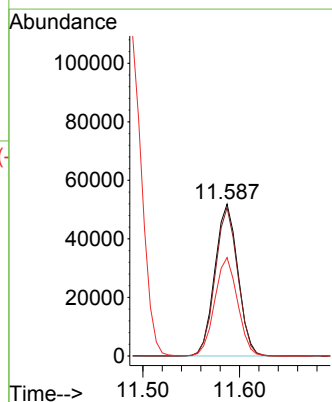
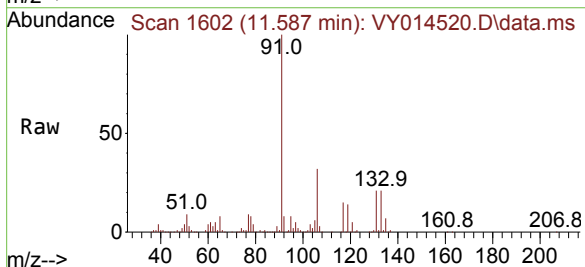
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

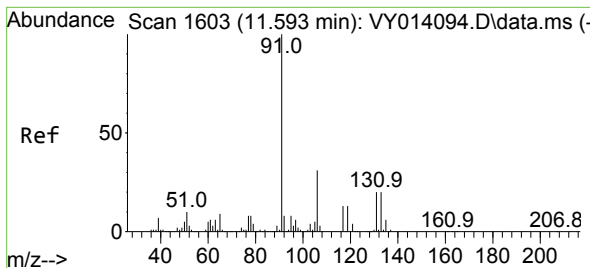
Tgt Ion:112 Resp: 225917
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.881 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion:131 Resp: 85820
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 18.831 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

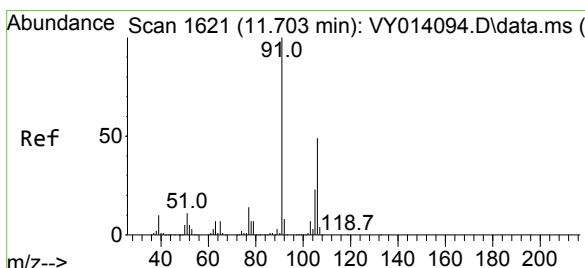
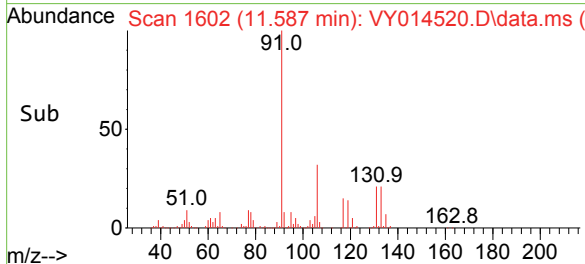
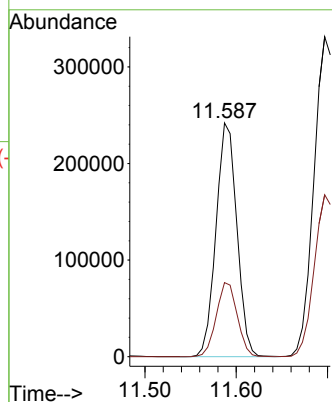
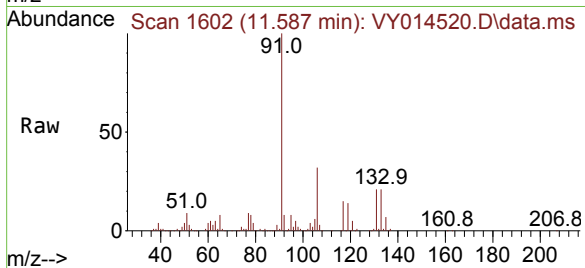
VY0630SBS01

Tgt Ion: 91 Resp: 384027

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 37.937 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014520.D

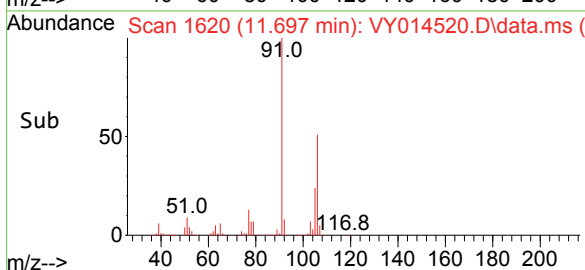
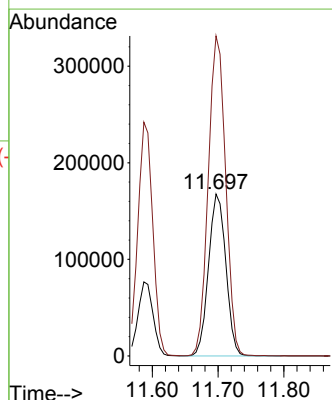
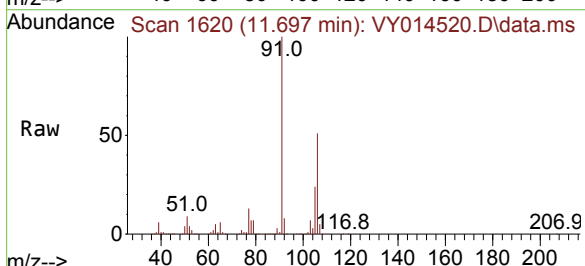
Acq: 30 Jun 2023 17:05

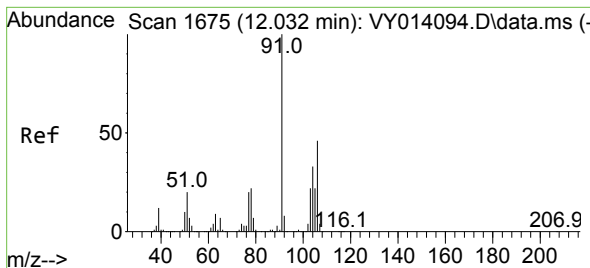
Tgt Ion:106 Resp: 306881

Ion Ratio Lower Upper

106 100

91 198.7 166.1 249.1





#69

o-Xylene

Concen: 19.104 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

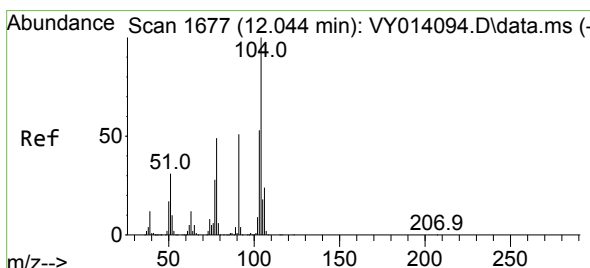
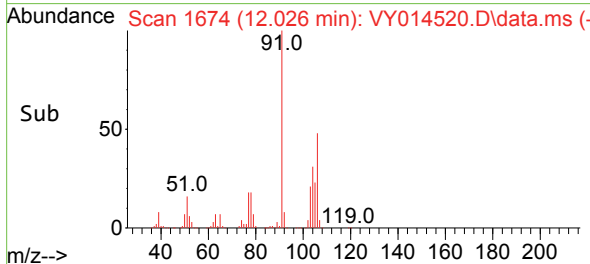
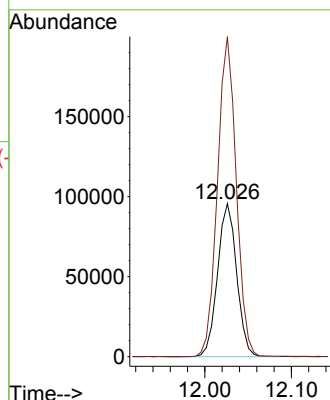
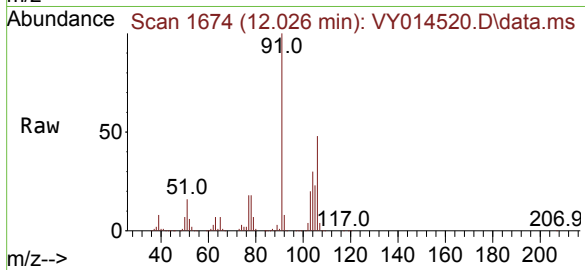
VY0630SBS01

Tgt Ion:106 Resp: 146573

Ion Ratio Lower Upper

106 100

91 206.2 108.1 324.3



#70

Styrene

Concen: 19.046 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

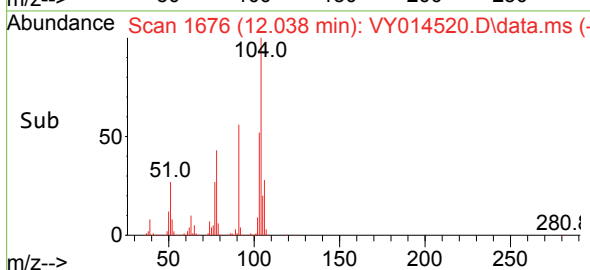
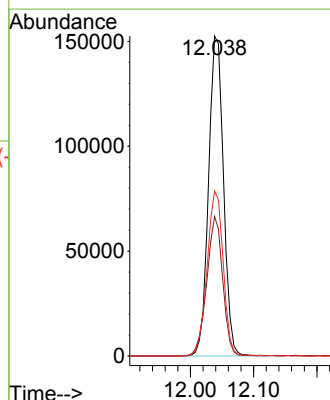
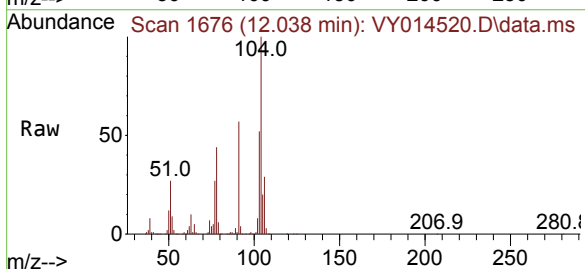
Tgt Ion:104 Resp: 251417

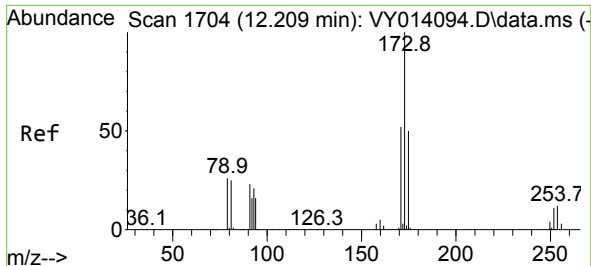
Ion Ratio Lower Upper

104 100

78 46.3 41.5 62.3

103 55.5 44.6 67.0

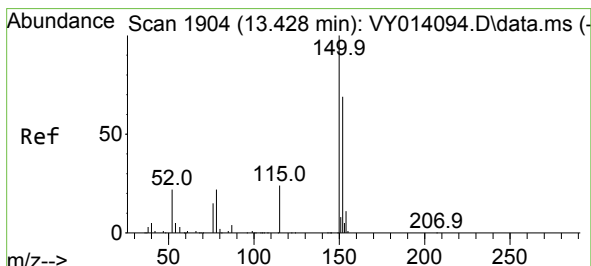
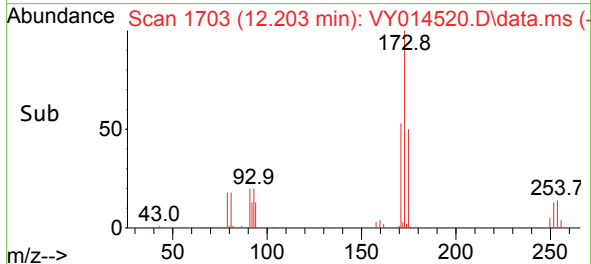
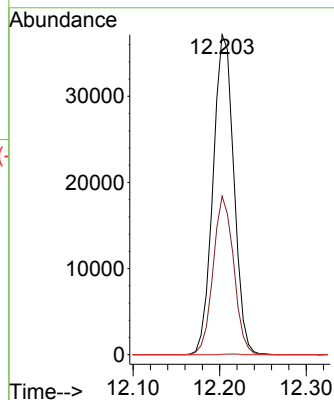
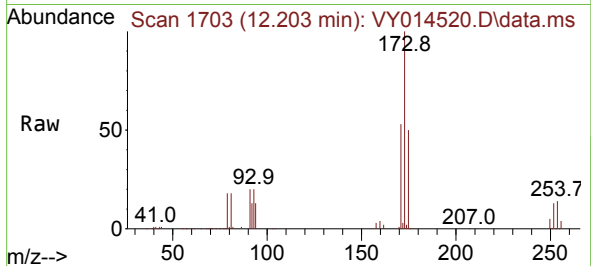




#71
Bromoform
Concen: 17.995 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

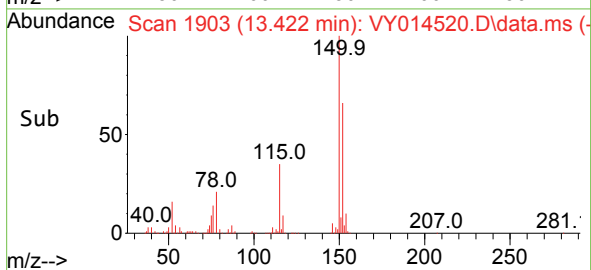
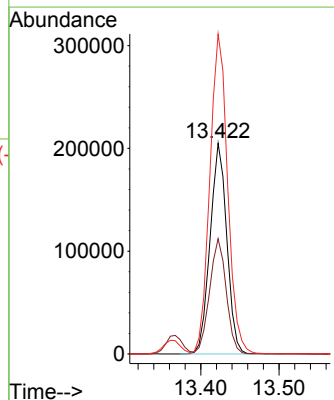
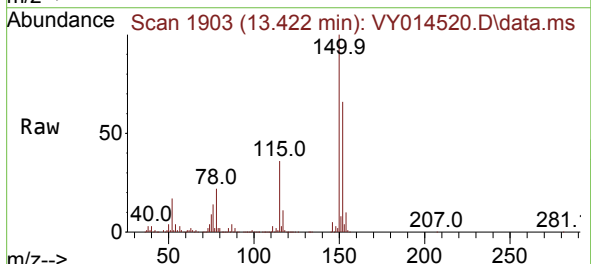
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

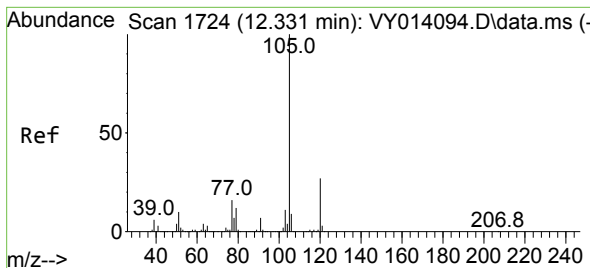
Tgt Ion:173 Resp: 62138
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion:152 Resp: 303550
Ion Ratio Lower Upper
152 100
115 54.4 28.8 86.5
150 161.8 0.0 348.8





#73

Isopropylbenzene

Concen: 19.038 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

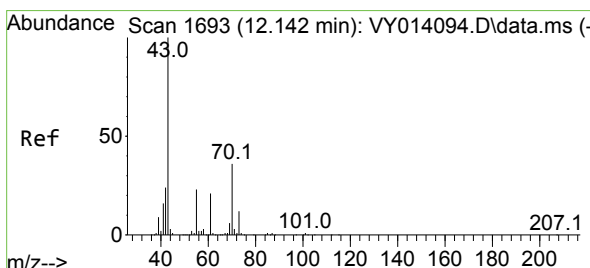
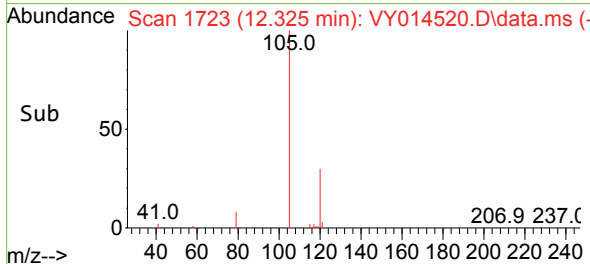
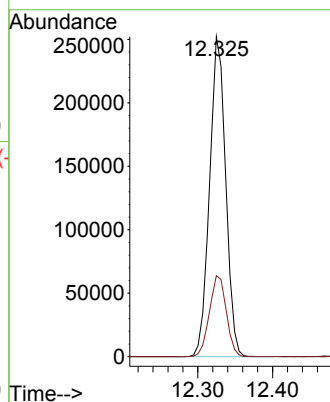
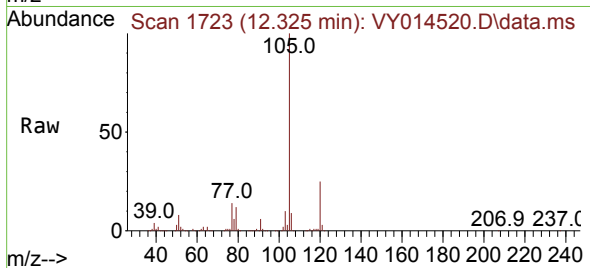
VY0630SBS01

Tgt Ion:105 Resp: 378477

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 16.923 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Tgt Ion: 43 Resp: 101542

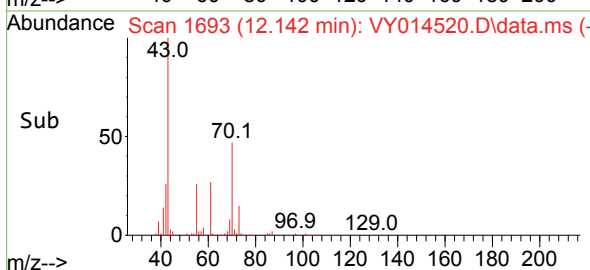
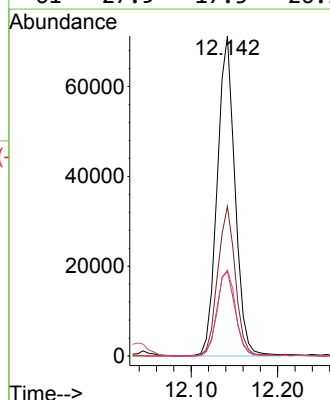
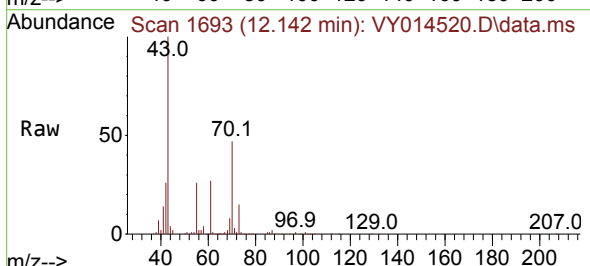
Ion Ratio Lower Upper

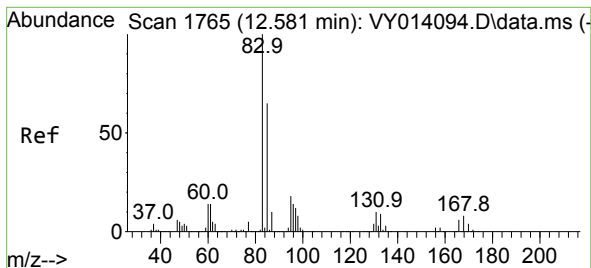
43 100

70 46.4 29.7 44.5#

55 27.5 18.3 27.5#

61 27.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 17.223 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

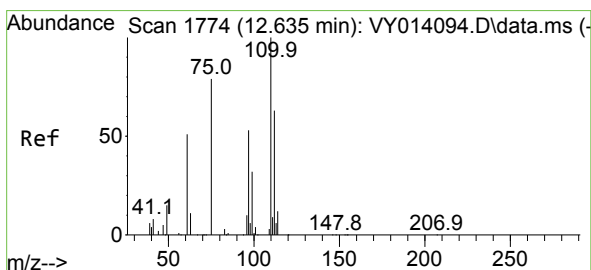
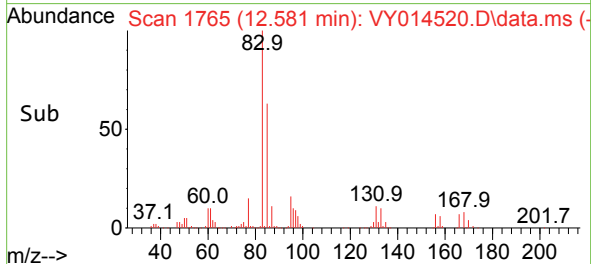
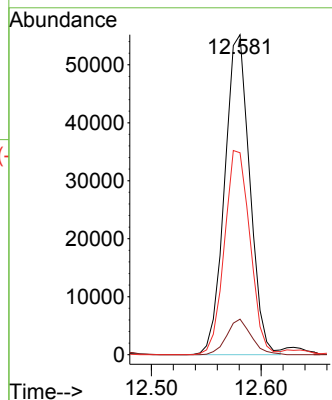
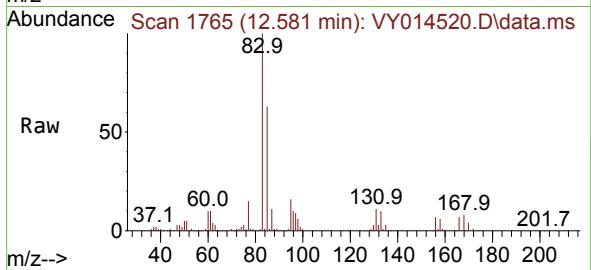
Tgt Ion: 83 Resp: 87869

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 65.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.323 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014520.D

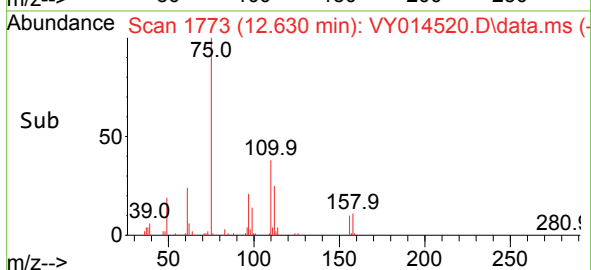
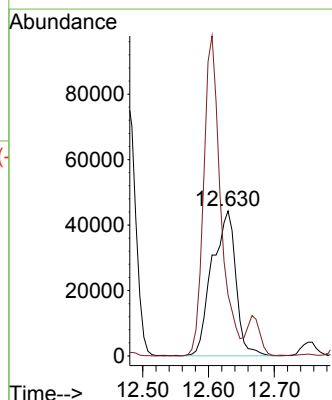
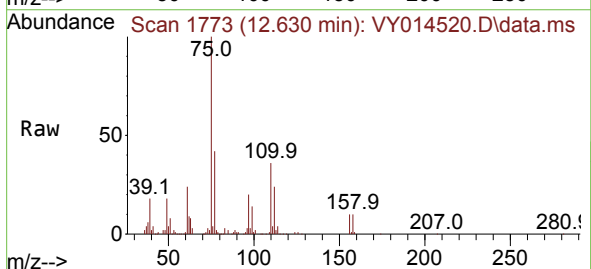
Acq: 30 Jun 2023 17:05

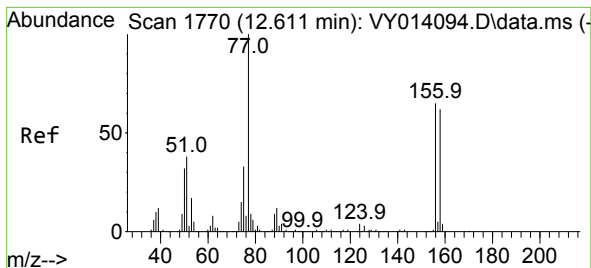
Tgt Ion: 75 Resp: 111573

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.945 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

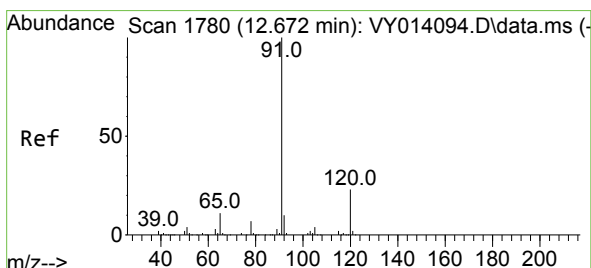
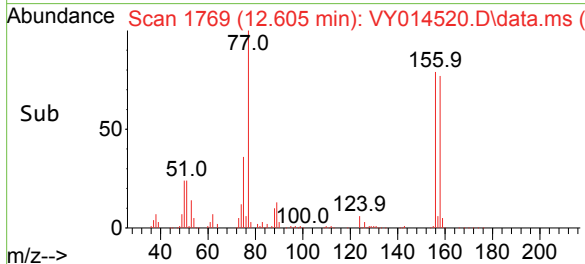
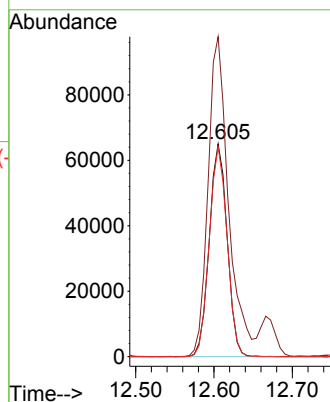
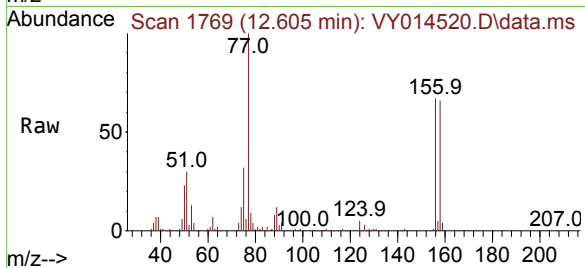
Tgt Ion:156 Resp: 102867

Ion Ratio Lower Upper

156 100

77 171.3 92.8 278.6

158 98.4 48.4 145.3



#78

n-propylbenzene

Concen: 18.990 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014520.D

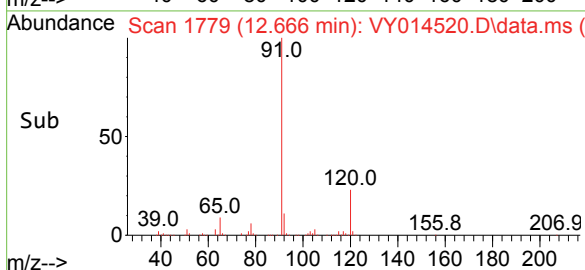
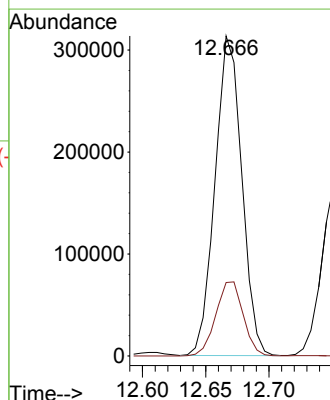
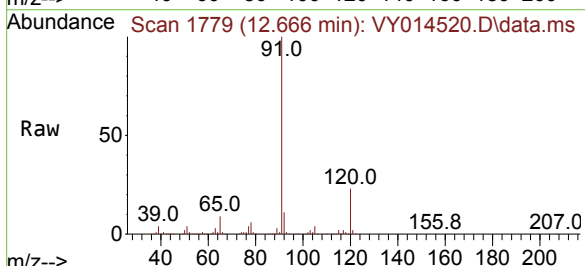
Acq: 30 Jun 2023 17:05

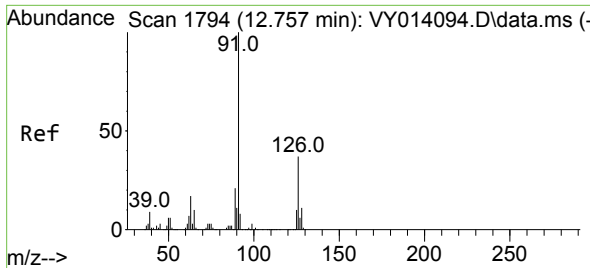
Tgt Ion: 91 Resp: 460531

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

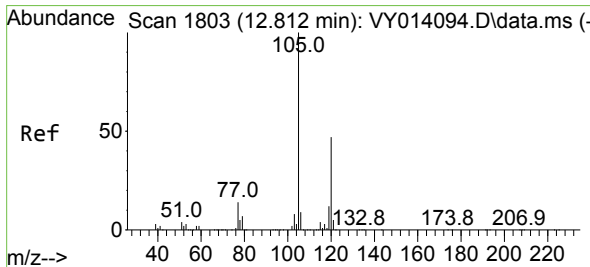
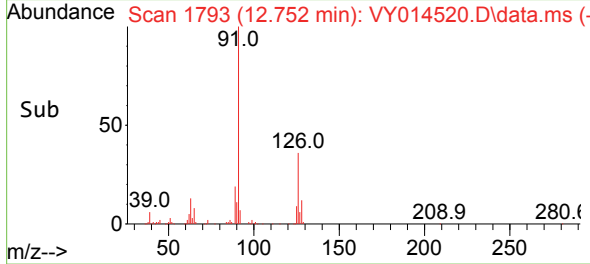
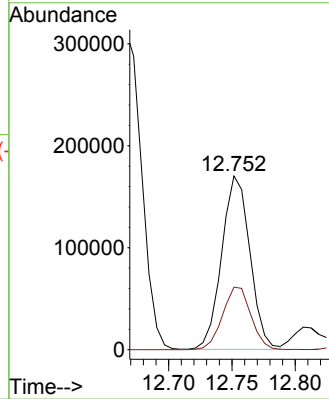
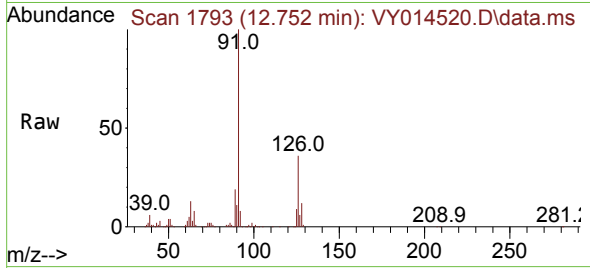




#79
2-Chlorotoluene
Concen: 18.916 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

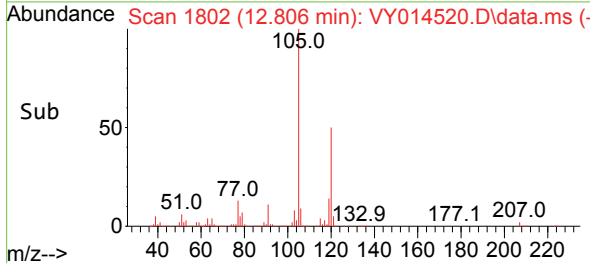
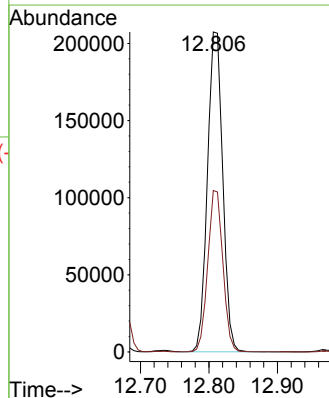
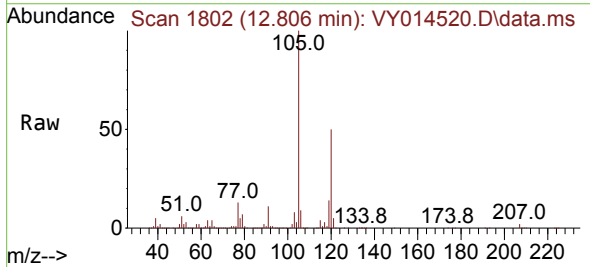
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

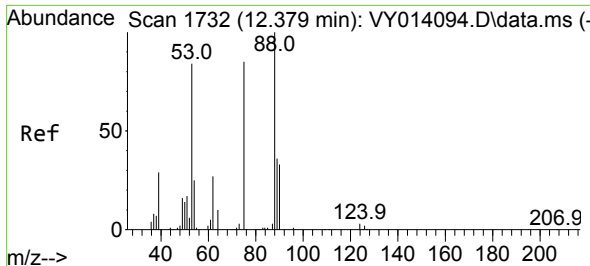
Tgt Ion: 91 Resp: 263997
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.138 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 105 Resp: 322092
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

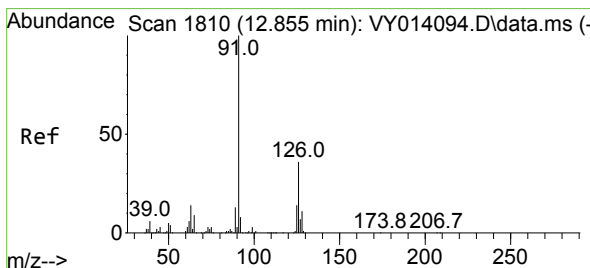
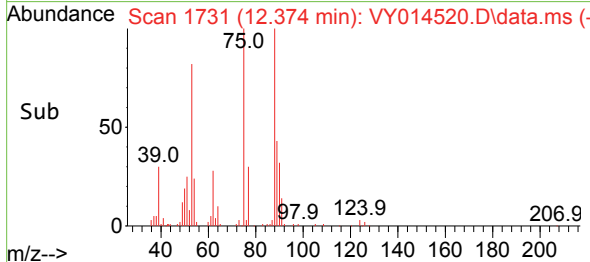
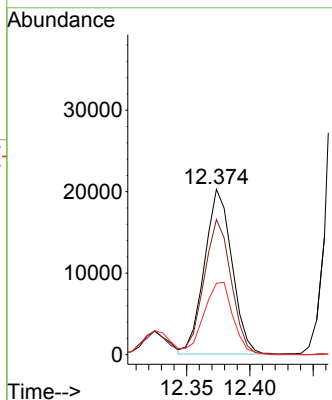
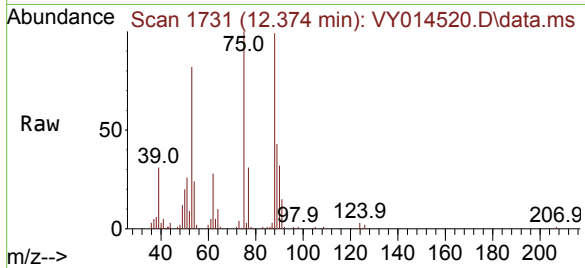




#81
trans-1,4-Dichloro-2-butene
Concen: 16.737 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

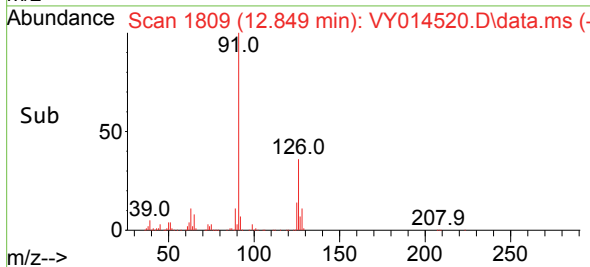
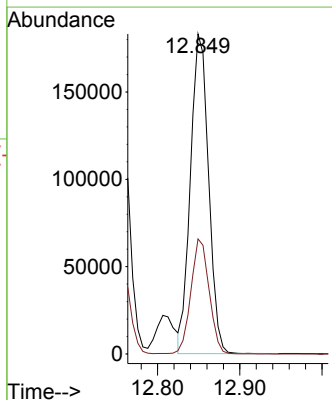
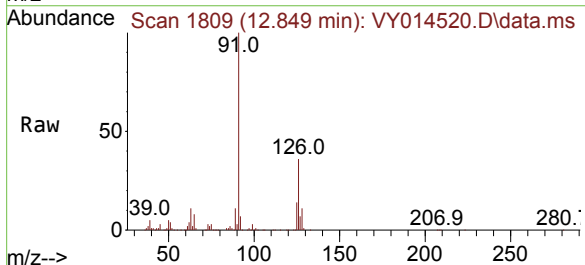
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

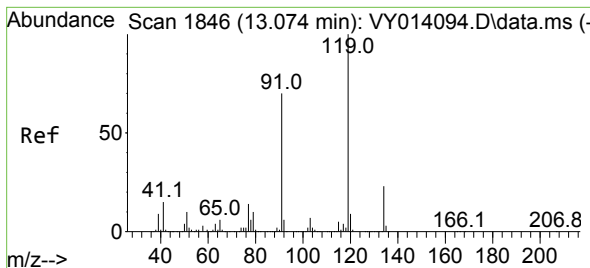
Tgt Ion: 75 Resp: 30629
Ion Ratio Lower Upper
75 100
53 80.9 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.139 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014520.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 91 Resp: 279839
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.946 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.005 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

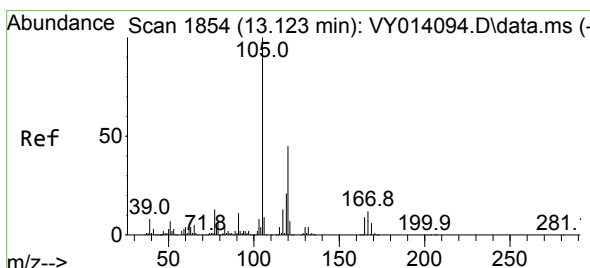
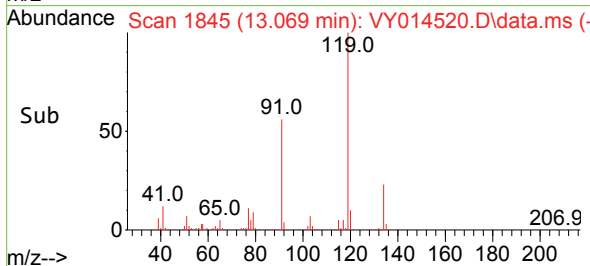
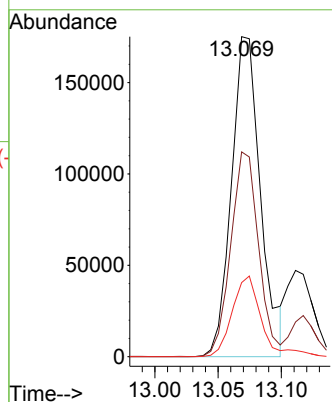
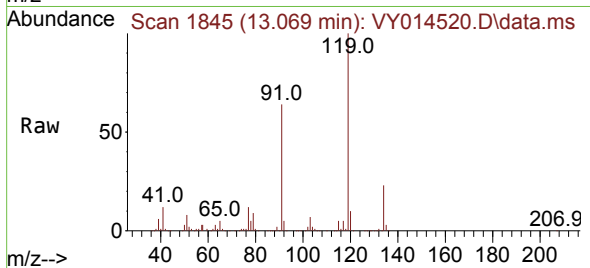
Tgt Ion:119 Resp: 280238

Ion Ratio Lower Upper

119 100

91 61.4 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.156 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014520.D

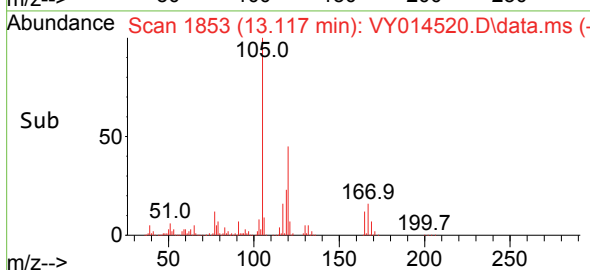
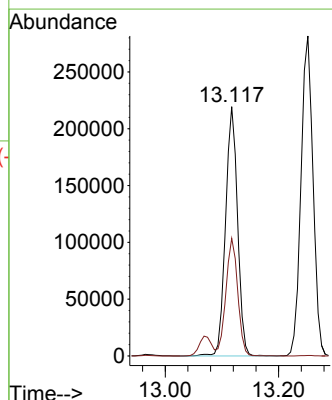
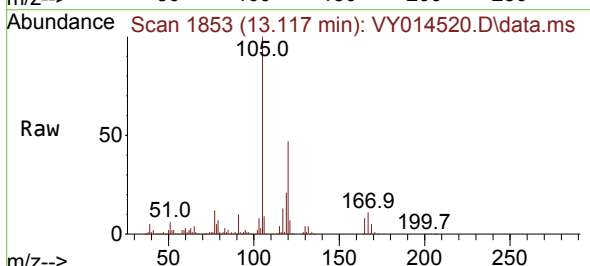
Acq: 30 Jun 2023 17:05

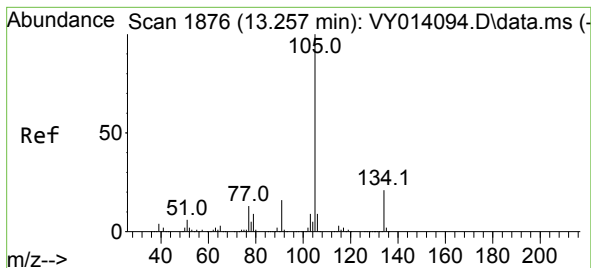
Tgt Ion:105 Resp: 321708

Ion Ratio Lower Upper

105 100

120 46.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.980 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

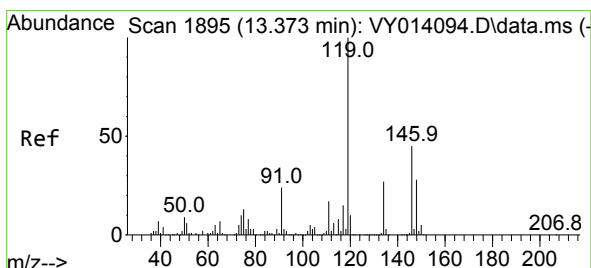
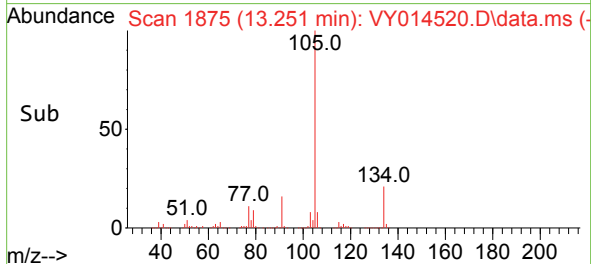
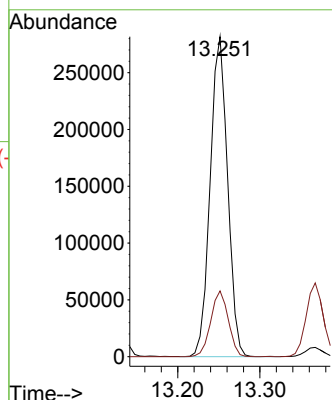
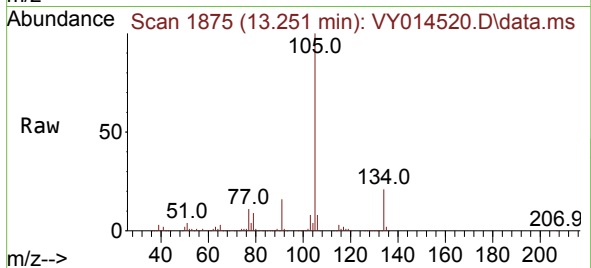
VY0630SBS01

Tgt Ion:105 Resp: 414264

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.953 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

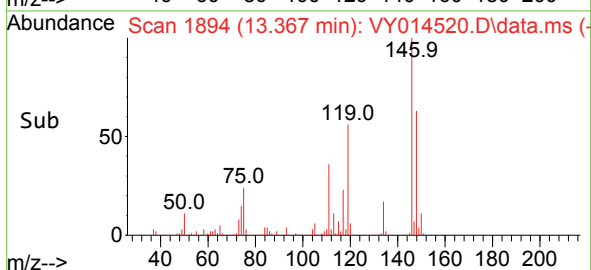
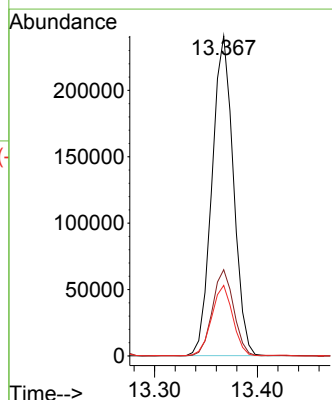
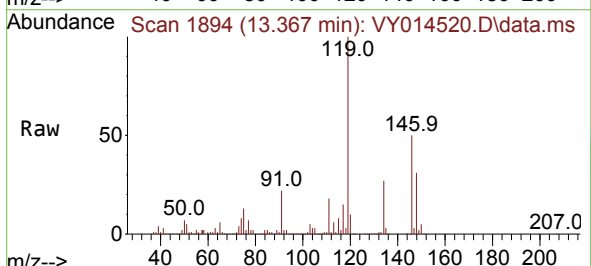
Tgt Ion:119 Resp: 348128

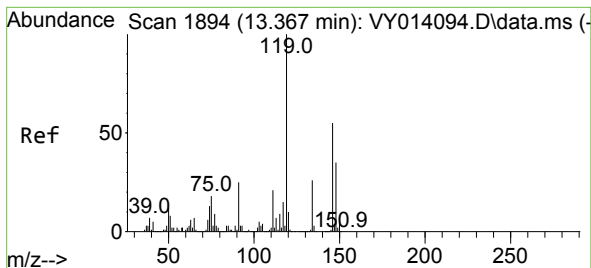
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 21.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.719 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

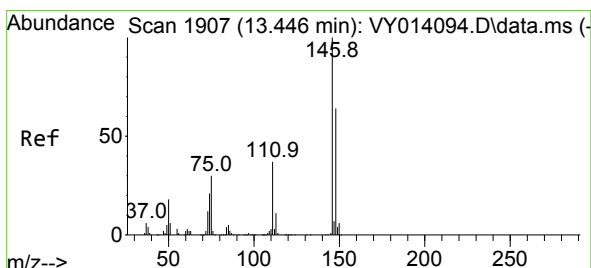
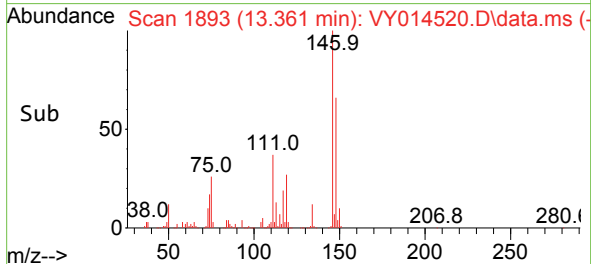
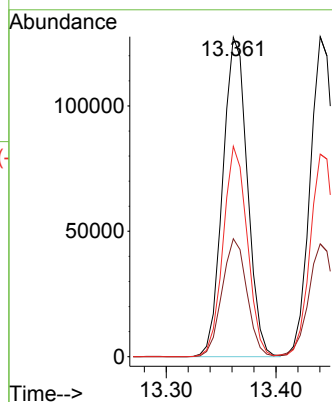
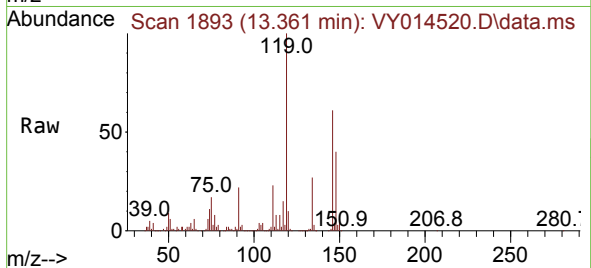
Tgt Ion:146 Resp: 198731

Ion Ratio Lower Upper

146 100

111 37.2 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.739 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

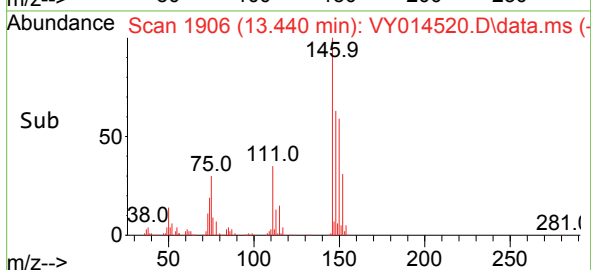
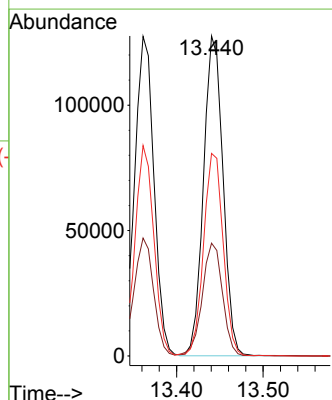
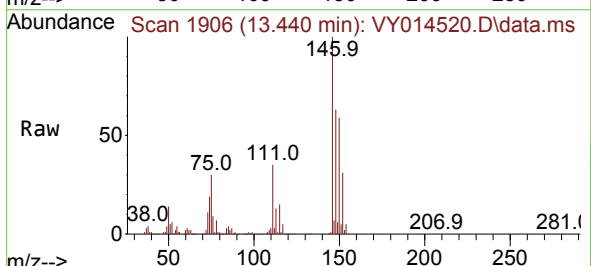
Tgt Ion:146 Resp: 199377

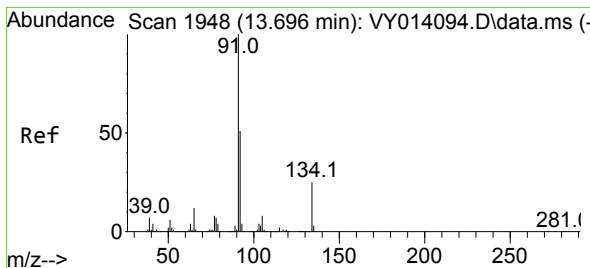
Ion Ratio Lower Upper

146 100

111 36.4 18.9 56.7

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 18.946 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

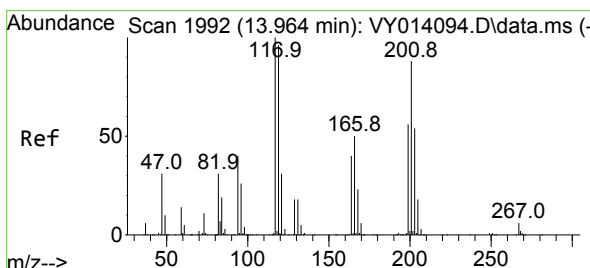
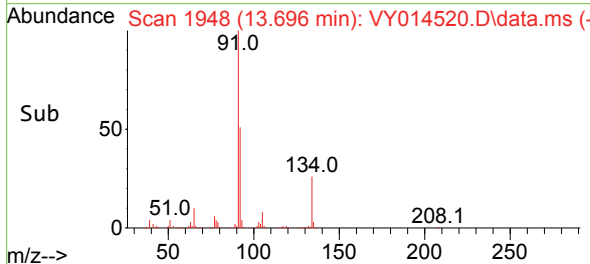
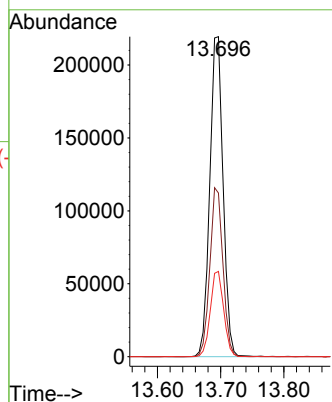
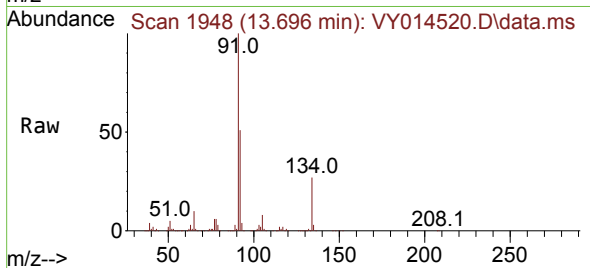
Tgt Ion: 91 Resp: 321616

Ion Ratio Lower Upper

91 100

92 51.8 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 18.596 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014520.D

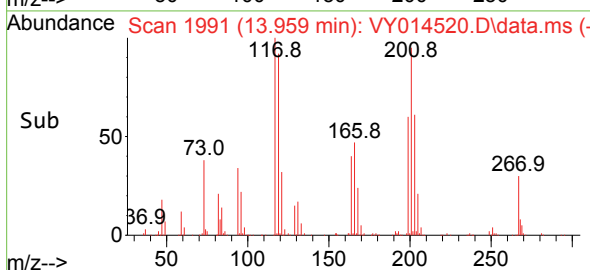
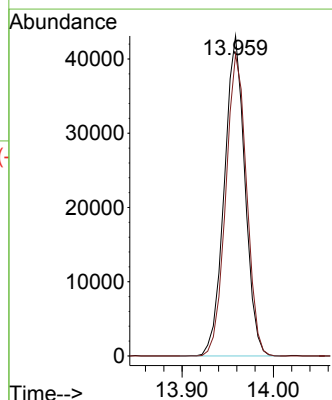
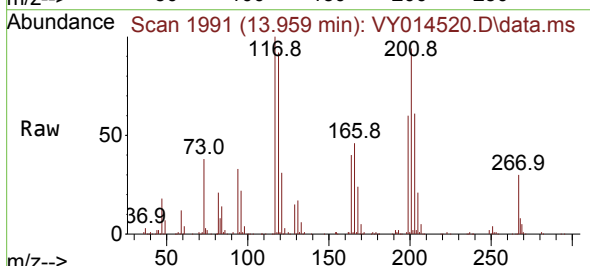
Acq: 30 Jun 2023 17:05

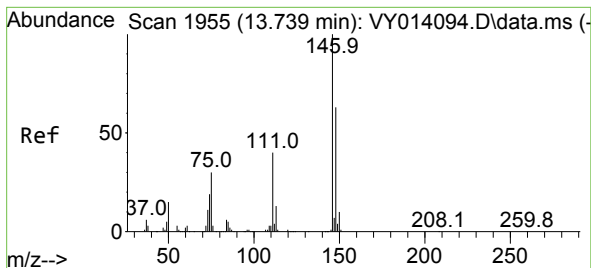
Tgt Ion: 117 Resp: 67659

Ion Ratio Lower Upper

117 100

201 95.0 41.6 124.8

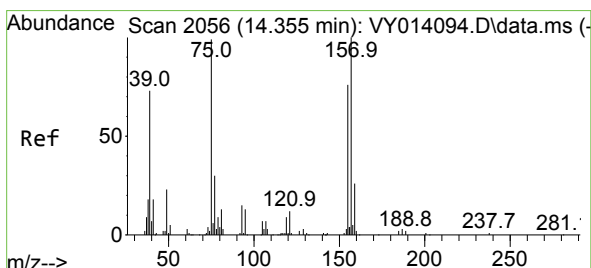
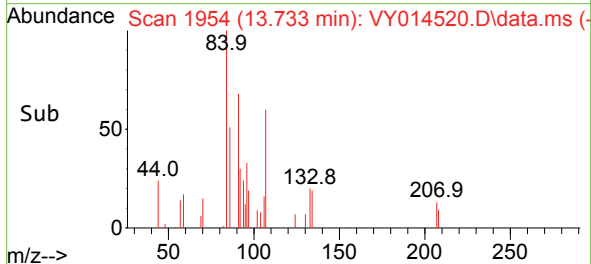
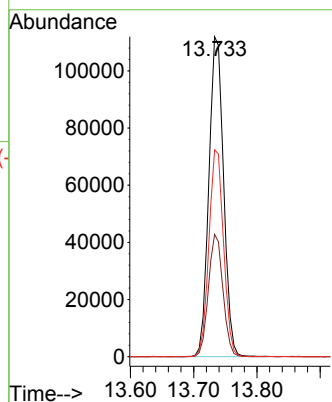
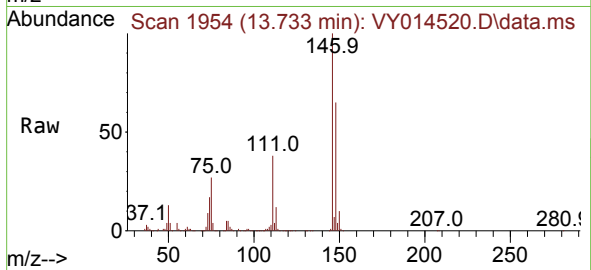




#91
 1,2-Dichlorobenzene
 Concen: 18.840 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

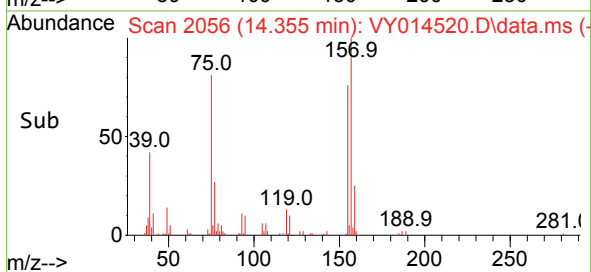
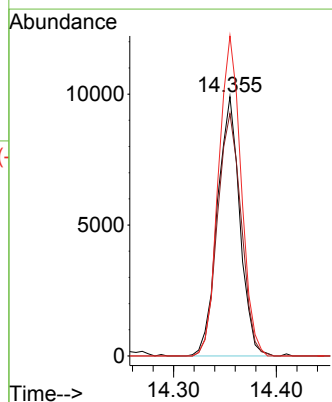
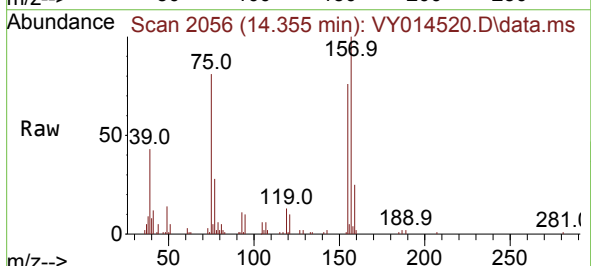
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

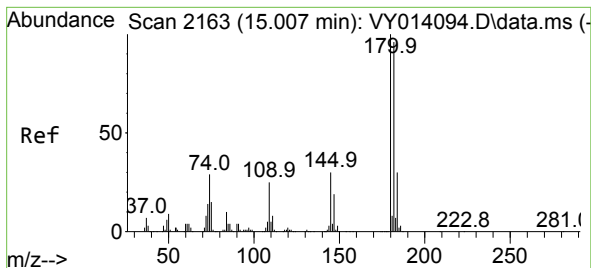
Tgt Ion:146 Resp: 181179
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.7 59.0
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.054 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014520.D
 Acq: 30 Jun 2023 17:05

Tgt Ion: 75 Resp: 14995
 Ion Ratio Lower Upper
 75 100
 155 98.5 41.5 124.6
 157 124.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.732 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

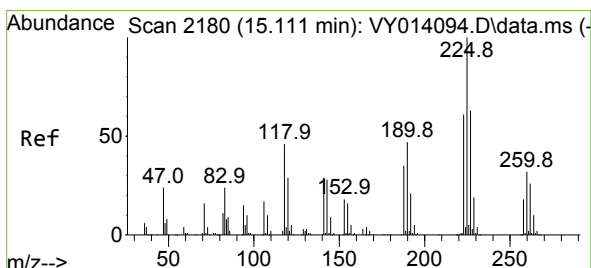
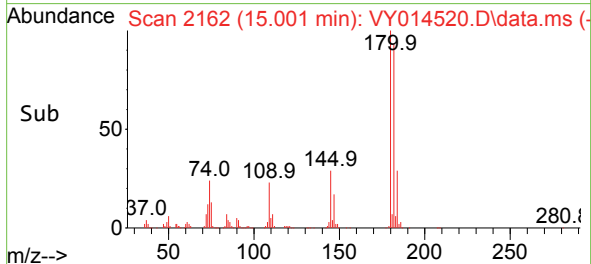
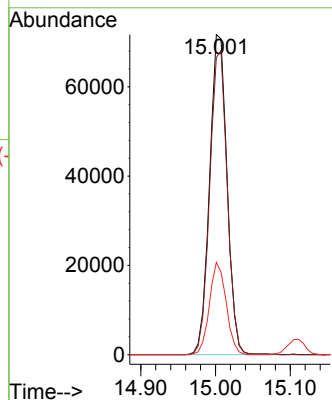
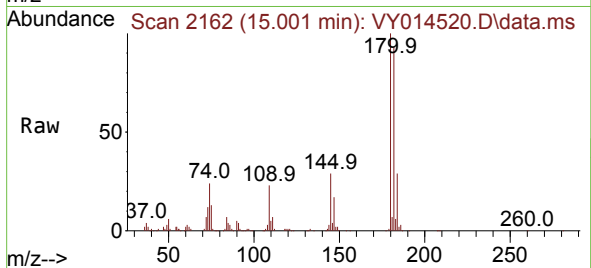
Tgt Ion:180 Resp: 116350

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 27.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.266 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

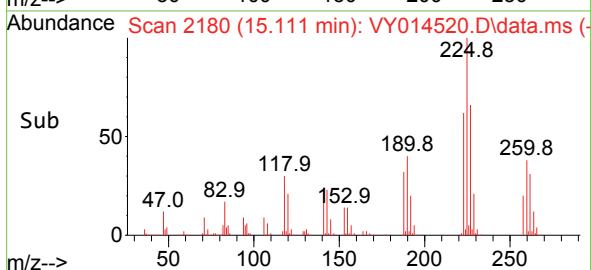
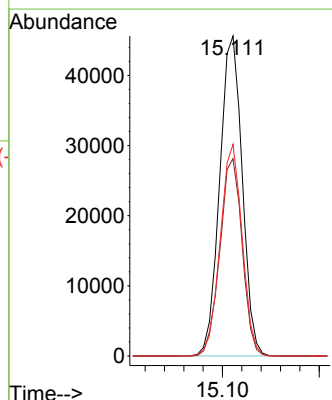
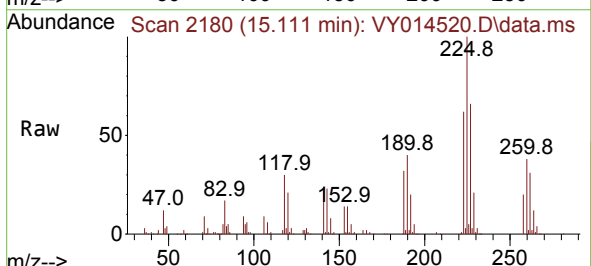
Tgt Ion:225 Resp: 73549

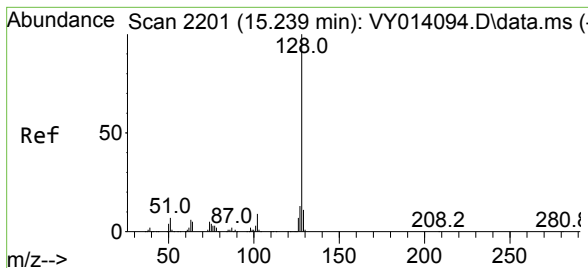
Ion Ratio Lower Upper

225 100

223 60.9 31.9 95.9

227 64.4 33.0 98.9





#95

Naphthalene

Concen: 16.976 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

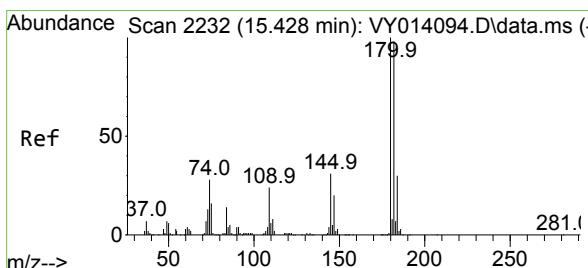
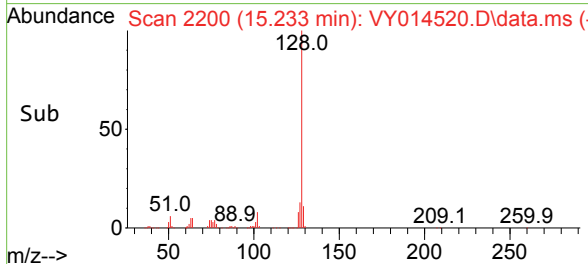
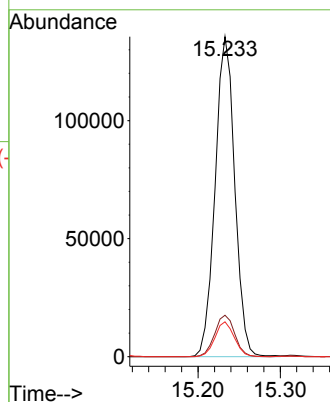
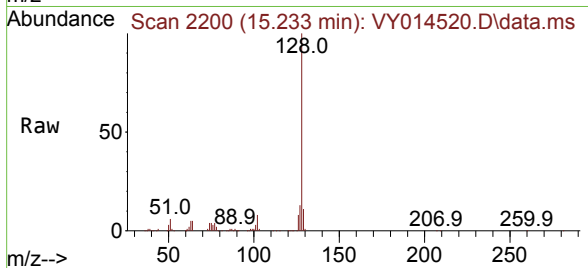
Tgt Ion:128 Resp: 224333

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.634 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014520.D

Acq: 30 Jun 2023 17:05

Tgt Ion:180 Resp: 105460

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 28.9 15.4 46.2

