

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015309.D
 Acq On : 24 Aug 2023 13:59
 Operator : SY/MD
 Sample : VY0824SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:18:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	155355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102696	55.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.140%	
35) Dibromofluoromethane	7.716	113	89134	52.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.179	98	326176	51.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.500%	
62) 4-Bromofluorobenzene	12.483	95	117834	51.183	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14721	19.010	ug/l	99
3) Chloromethane	2.113	50	18707	17.696	ug/l	98
4) Vinyl Chloride	2.247	62	22448	18.159	ug/l	95
5) Bromomethane	2.619	94	20256	21.292	ug/l	96
6) Chloroethane	2.778	64	18407	20.509	ug/l	100
7) Trichlorofluoromethane	3.113	101	43372	20.822	ug/l	99
8) Diethyl Ether	3.527	74	18158	22.227	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	26619	20.562	ug/l	96
10) Methyl Iodide	4.082	142	21730	17.094	ug/l	100
11) Tert butyl alcohol	4.948	59	51848	163.246	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	20935	19.366	ug/l	93
13) Acrolein	3.722	56	17766	122.653	ug/l	99
14) Allyl chloride	4.472	41	39655	20.690	ug/l	98
15) Acrylonitrile	5.155	53	68305	123.378	ug/l	98
16) Acetone	3.942	43	75902	124.587	ug/l	93
17) Carbon Disulfide	4.186	76	30641	16.106	ug/l	99
18) Methyl Acetate	4.472	43	54710	24.505	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	101855	22.159	ug/l	100
20) Methylene Chloride	4.704	84	42590	27.186	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	24750	20.297	ug/l	90
22) Diisopropyl ether	6.118	45	107654	22.510	ug/l	91
23) Vinyl Acetate	6.051	43	306192	107.298	ug/l	96
24) 1,1-Dichloroethane	6.009	63	56746	21.917	ug/l	96
25) 2-Butanone	6.984	43	107570	124.703	ug/l	96
26) 2,2-Dichloropropane	6.972	77	48729	19.523	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	36382	21.842	ug/l	95
28) Bromochloromethane	7.332	49	28331	23.817	ug/l	98
29) Tetrahydrofuran	7.344	42	62937	122.021	ug/l	94
30) Chloroform	7.502	83	64757	22.311	ug/l	99
31) Cyclohexane	7.783	56	35014	19.460	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	51316	20.777	ug/l	99
36) 1,1-Dichloropropene	7.917	75	37211	19.864	ug/l	100
37) Ethyl Acetate	7.069	43	39702	22.738	ug/l	98
38) Carbon Tetrachloride	7.899	117	42333	19.095	ug/l	98
39) Methylcyclohexane	9.179	83	38447	18.308	ug/l	96
40) Benzene	8.155	78	118168	20.865	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	57052	63.365	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	45339	22.043	ug/l	96
43) Isopropyl Acetate	8.270	43	69954	22.000	ug/l	99
44) Trichloroethene	8.941	130	33472	20.514	ug/l	95
45) 1,2-Dichloropropane	9.215	63	34978	21.902	ug/l	100
46) Dibromomethane	9.307	93	21980	21.822	ug/l	96
47) Bromodichloromethane	9.496	83	52698	21.925	ug/l	99
48) Methyl methacrylate	9.295	41	30790	22.636	ug/l	94
49) 1,4-Dioxane	9.301	88	9078	450.711	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	218170	118.388	ug/l	94
52) Toluene	10.246	92	78323	20.982	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	51529	20.400	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	56014	21.056	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	34247	22.361	ug/l	97
56) Ethyl methacrylate	10.508	69	47083	21.006	ug/l	92
57) 1,3-Dichloropropane	10.788	76	55516	22.187	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	118101	113.222	ug/l	95
59) 2-Hexanone	10.831	43	162676	119.273	ug/l	93
60) Dibromochloromethane	10.983	129	39136	21.422	ug/l	98
61) 1,2-Dibromoethane	11.087	107	31851	21.892	ug/l	98
64) Tetrachloroethene	10.721	164	35930	21.148	ug/l	92
65) Chlorobenzene	11.514	112	92092	20.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	37825	20.981	ug/l	99
67) Ethyl Benzene	11.593	91	155940	20.031	ug/l	98
68) m/p-Xylenes	11.703	106	118837	40.193	ug/l	95
69) o-Xylene	12.026	106	60488	20.536	ug/l	96
70) Styrene	12.044	104	104023	20.406	ug/l	97
71) Bromoform	12.209	173	26727	20.451	ug/l #	98
73) Isopropylbenzene	12.331	105	159276	20.517	ug/l	100
74) N-amyl acetate	12.142	43	59937	21.384	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	45916	22.710	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	57206	39.002	ug/l #	100
77) Bromobenzene	12.611	156	40016	21.147	ug/l	96
78) n-propylbenzene	12.672	91	190522	20.667	ug/l	100
79) 2-Chlorotoluene	12.757	91	110970	20.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	133641	20.652	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	12754	19.100	ug/l	95
82) 4-Chlorotoluene	12.855	91	113812	20.715	ug/l	98
83) tert-Butylbenzene	13.074	119	118777	20.067	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	134862	20.856	ug/l	100
85) sec-Butylbenzene	13.251	105	180187	20.777	ug/l	99
86) p-Isopropyltoluene	13.367	119	148379	20.636	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	79071	21.067	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	79950	21.238	ug/l	97
89) n-Butylbenzene	13.696	91	139156	20.526	ug/l	97
90) Hexachloroethane	13.958	117	27928	19.579	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	76769	21.895	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8775	22.404	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	47376	21.047	ug/l	99
94) Hexachlorobutadiene	15.111	225	24702	20.175	ug/l	99
95) Naphthalene	15.239	128	117163	20.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44131	21.709	ug/l	98

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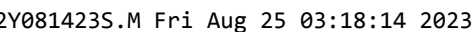
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MSVOA_Y
ClientSampleId :

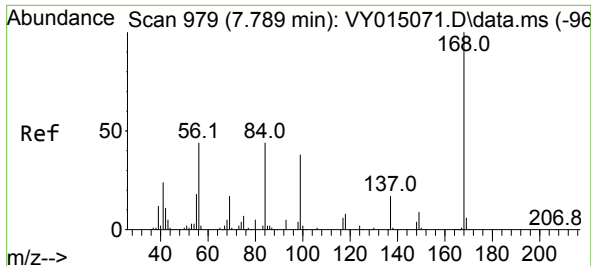
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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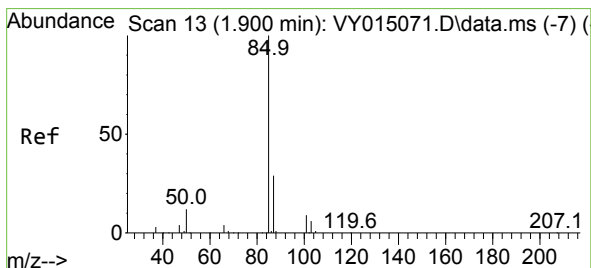
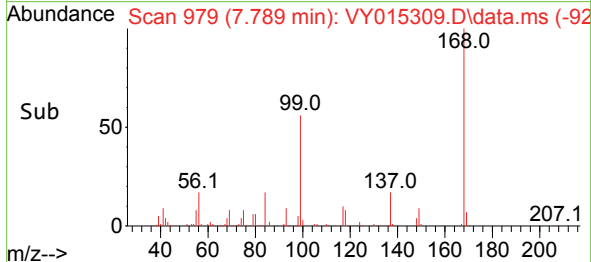
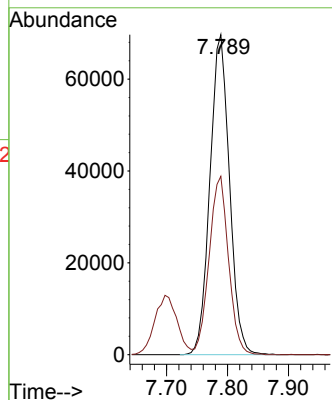
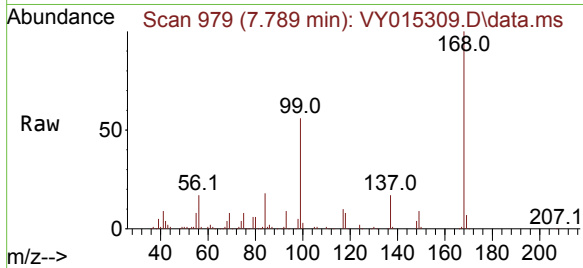




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015309.D
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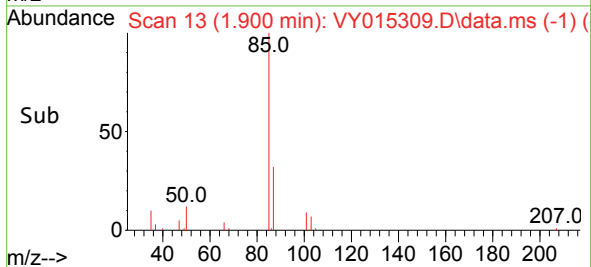
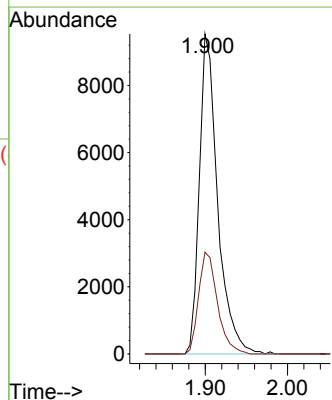
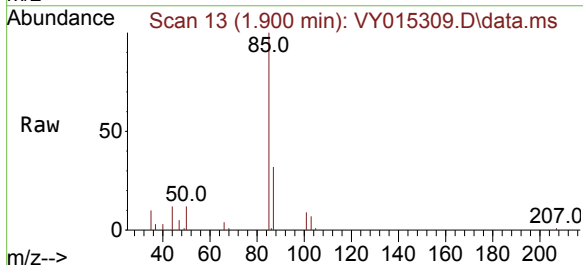
Instrument :
MSVOA_Y
ClientSampleId :

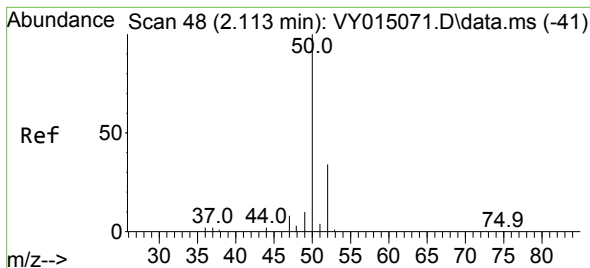
Tgt Ion:168 Resp: 155355
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.010 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 85 Resp: 14721
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8





#3

Chloromethane

Concen: 17.696 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

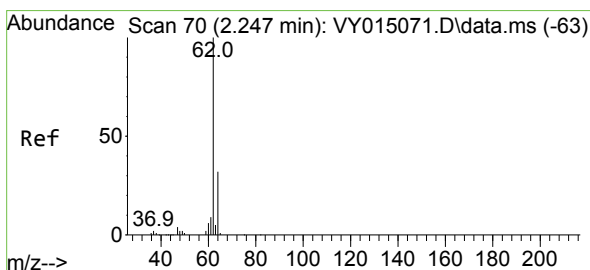
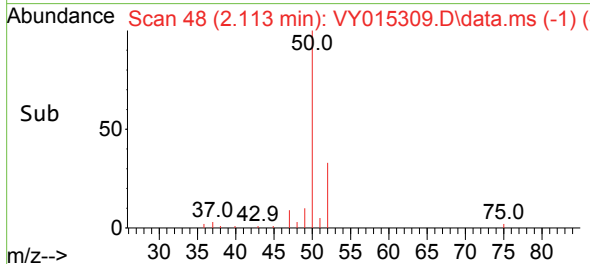
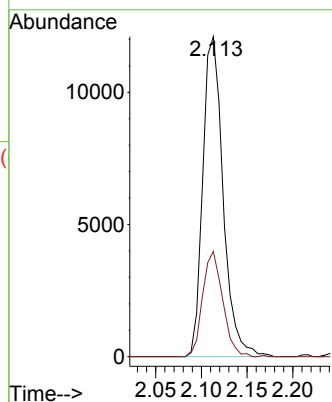
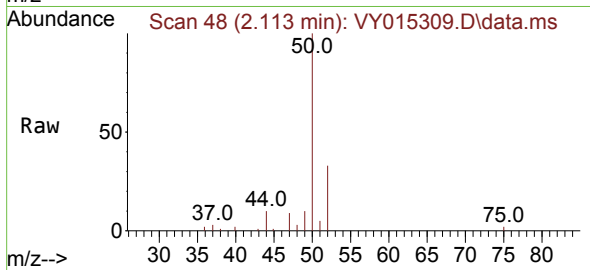
ClientSampleId :

Tgt Ion: 50 Resp: 18707

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 18.159 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015309.D

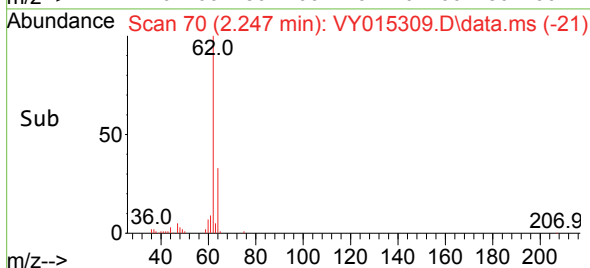
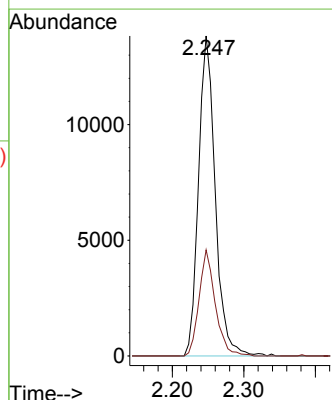
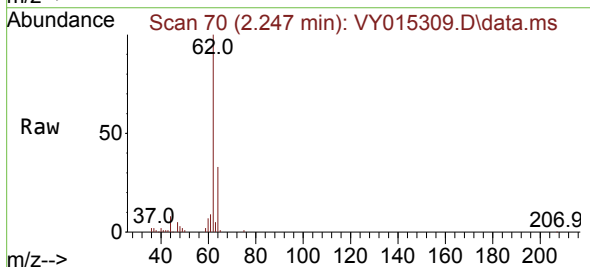
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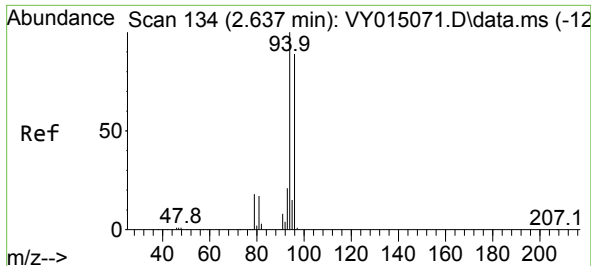
Tgt Ion: 62 Resp: 22448

Ion Ratio Lower Upper

62 100

64 33.2 24.3 36.5

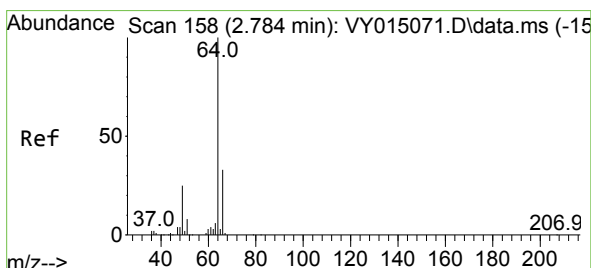
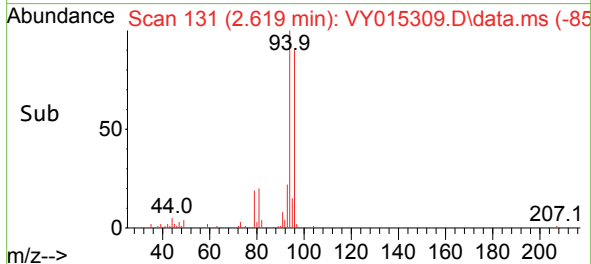
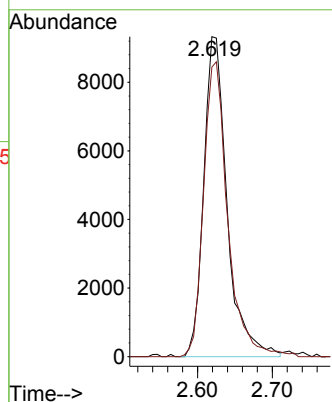
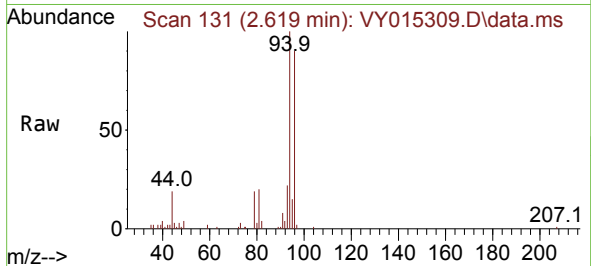




#5
Bromomethane
Concen: 21.292 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015309.D
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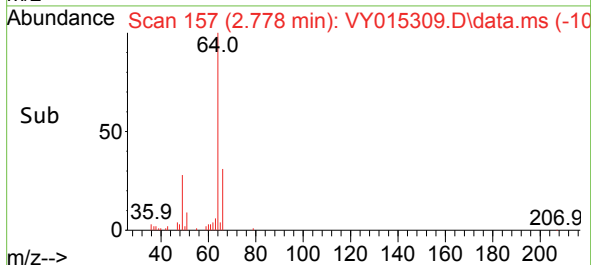
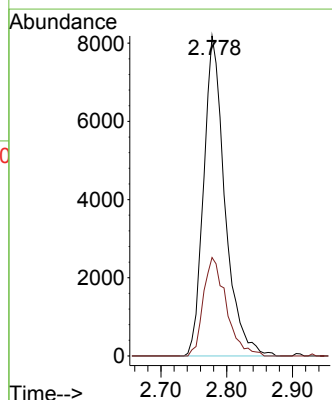
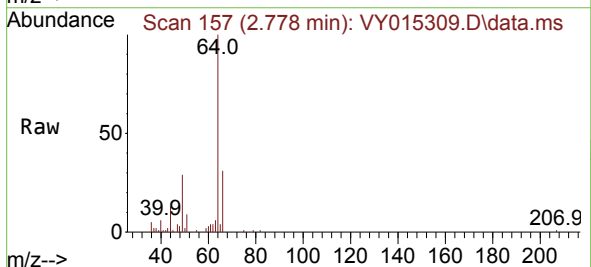
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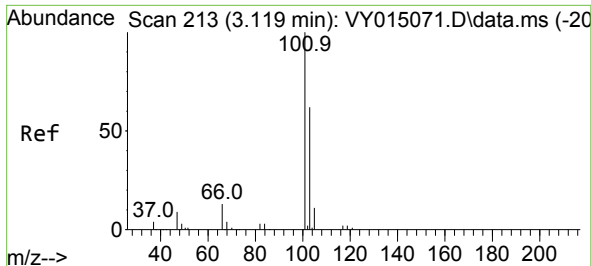
Tgt Ion: 94 Resp: 20256
Ion Ratio Lower Upper
94 100
96 90.5 75.8 113.6



#6
Chloroethane
Concen: 20.509 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 64 Resp: 18407
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6

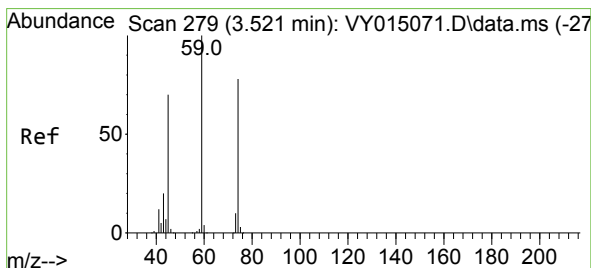
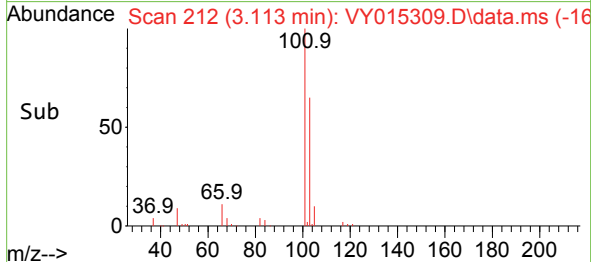
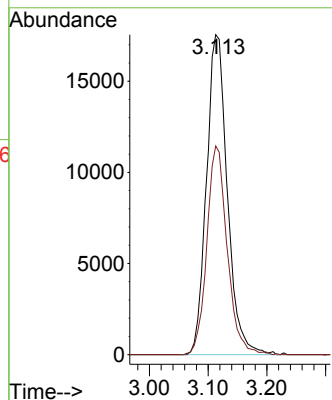
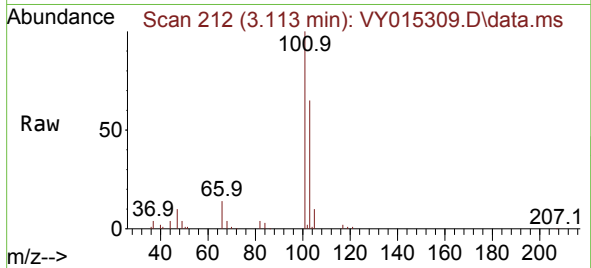




#7
 Trichlorofluoromethane
 Concen: 20.822 ug/l
 RT: 3.113 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY015309.D
 Acq: 24 Aug 2023 13:59

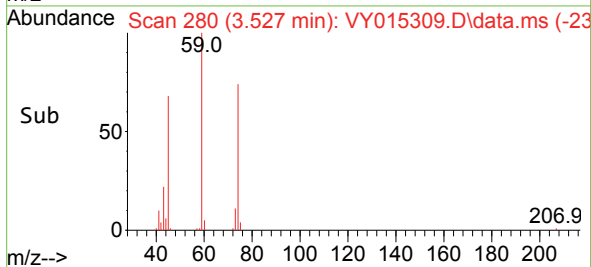
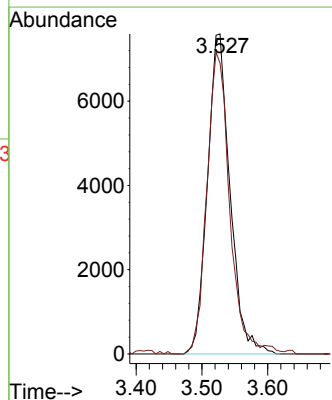
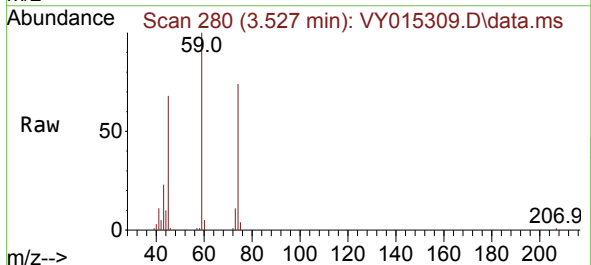
Instrument :
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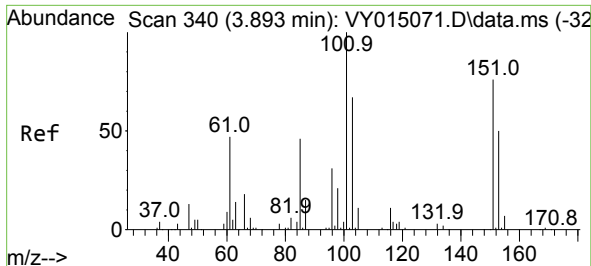
Tgt Ion:101 Resp: 43372
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 22.227 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 18158
 Ion Ratio Lower Upper
 74 100
 45 95.5 51.5 154.5

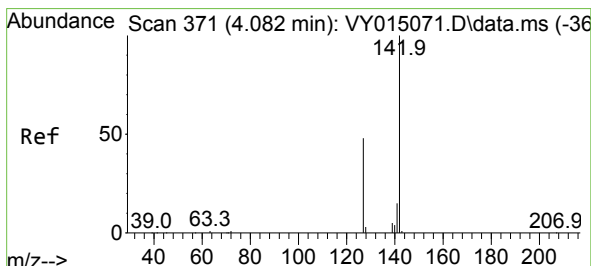
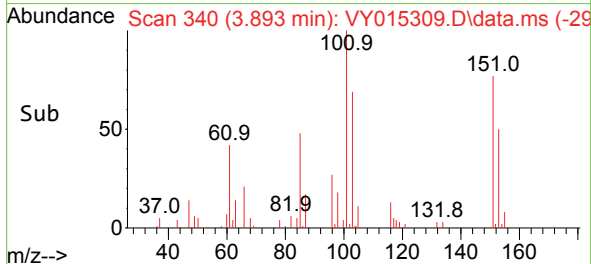
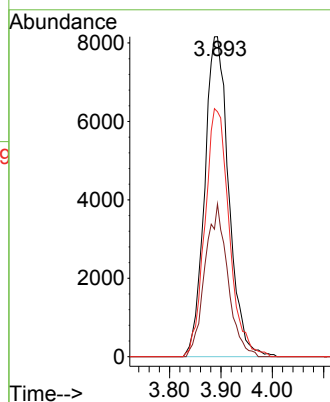
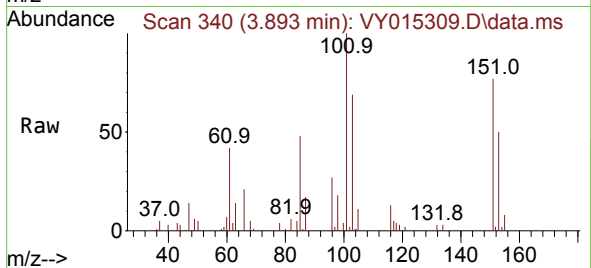




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.562 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

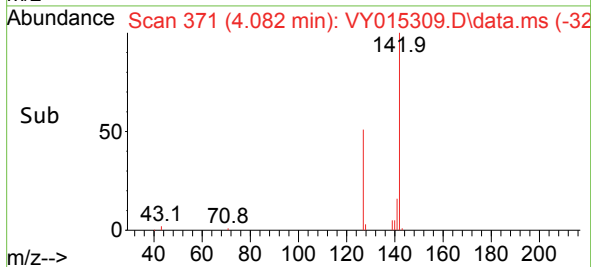
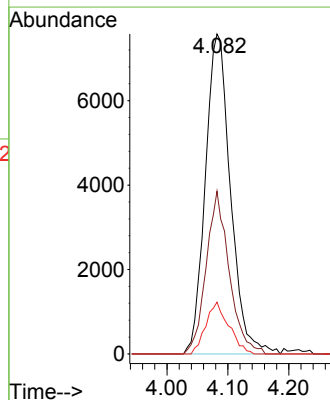
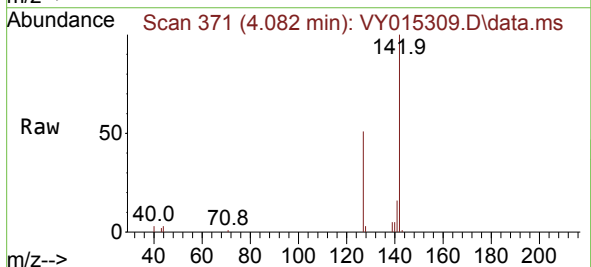
Instrument :
MSVOA_Y
ClientSampleId :

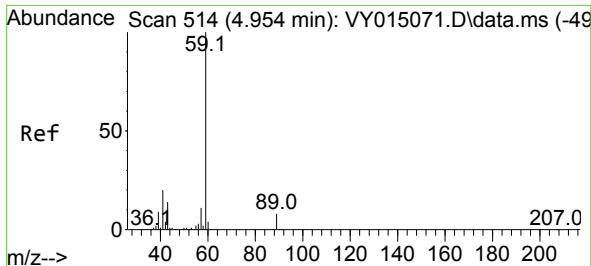
Tgt Ion:101 Resp: 26619
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 78.2 67.0 100.6



#10
Methyl Iodide
Concen: 17.094 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion:142 Resp: 21730
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.9 11.8 17.8

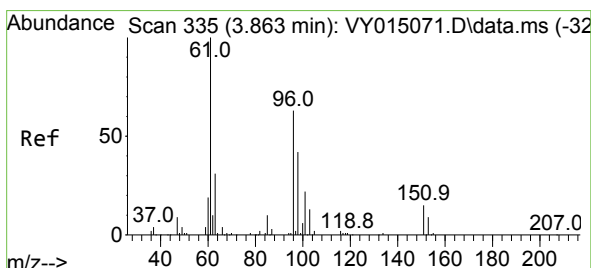
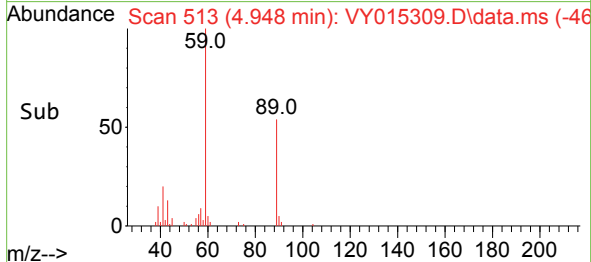
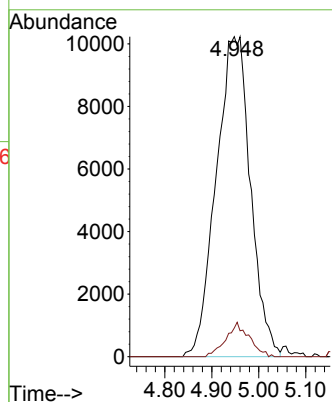
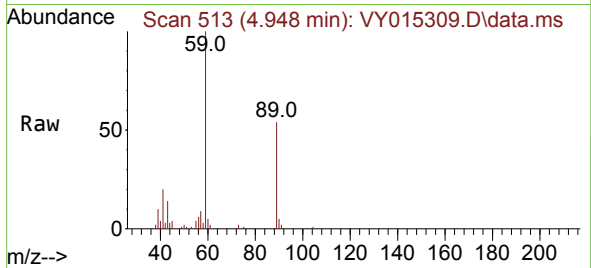




#11
Tert butyl alcohol
Concen: 163.246 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

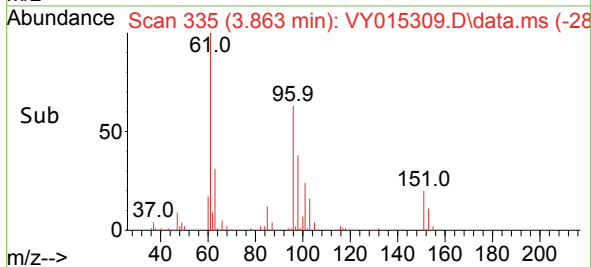
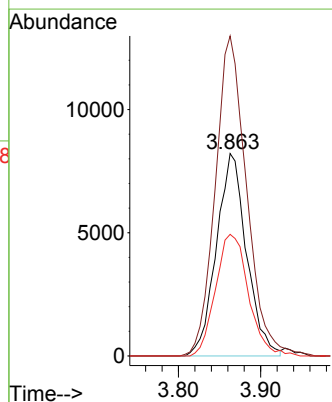
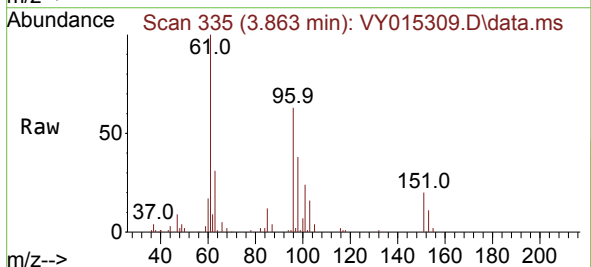
Instrument :
MSVOA_Y
ClientSampleId :

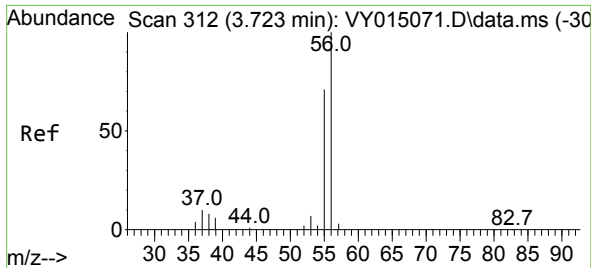
Tgt Ion: 59 Resp: 51848
Ion Ratio Lower Upper
59 100
57 7.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.366 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 96 Resp: 20935
Ion Ratio Lower Upper
96 100
61 158.1 136.4 204.6
98 60.1 49.4 74.2





#13

Acrolein

Concen: 122.653 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

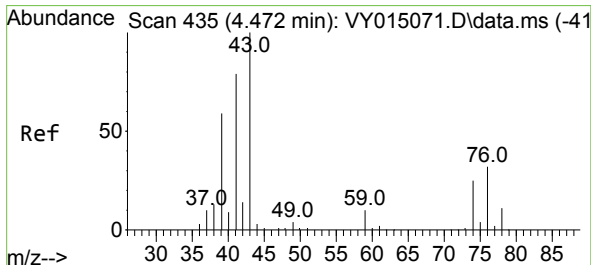
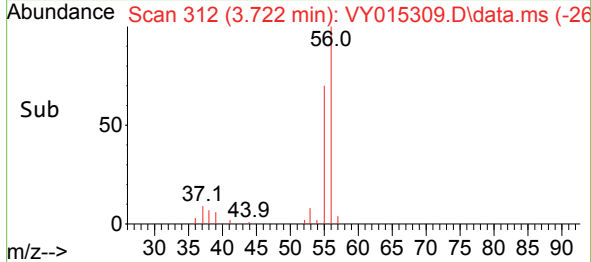
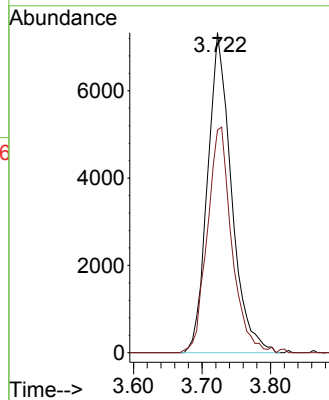
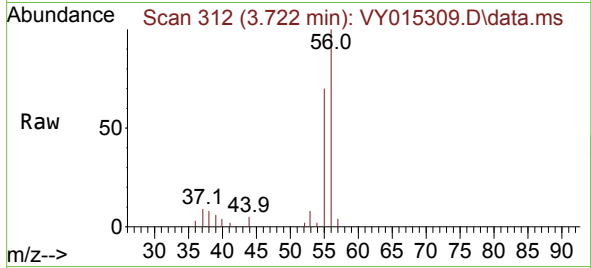
ClientSampleId :

Tgt Ion: 56 Resp: 17766

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.4



#14

Allyl chloride

Concen: 20.690 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

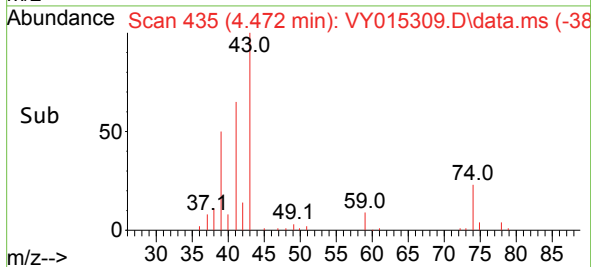
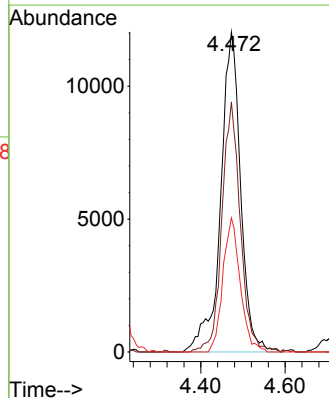
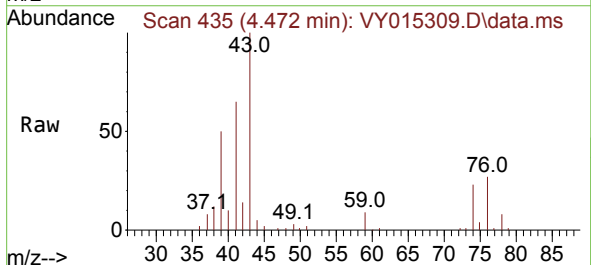
Tgt Ion: 41 Resp: 39655

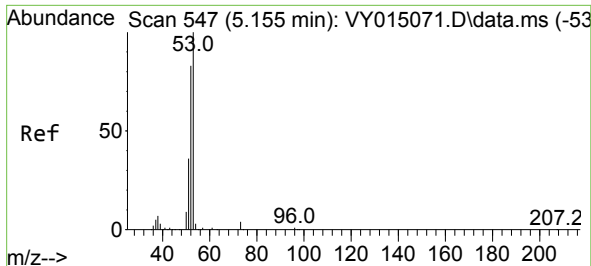
Ion Ratio Lower Upper

41 100

39 71.8 58.0 87.0

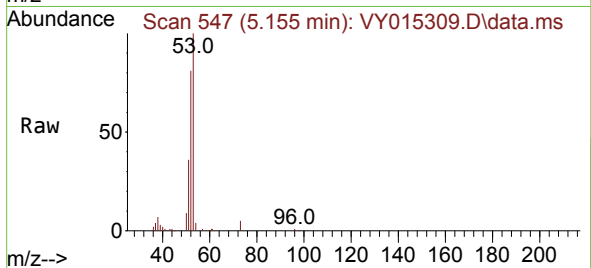
76 36.2 27.4 41.2



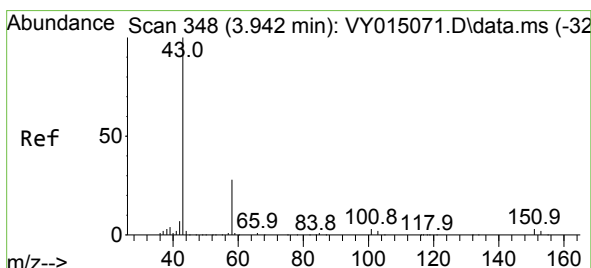
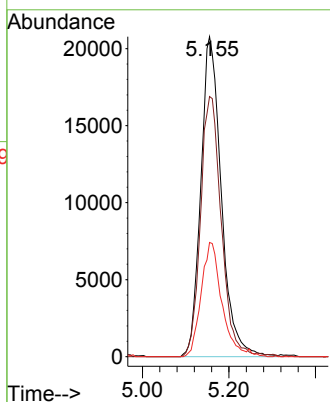
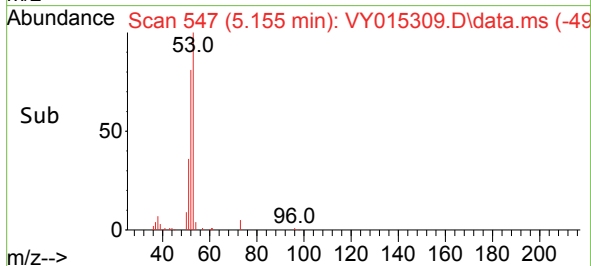


#15
Acrylonitrile
Concen: 123.378 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :

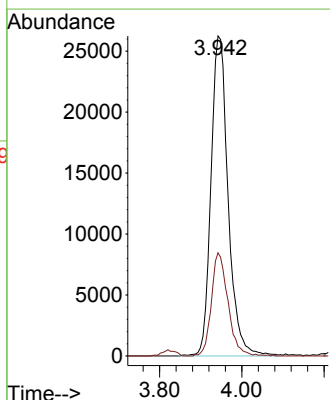
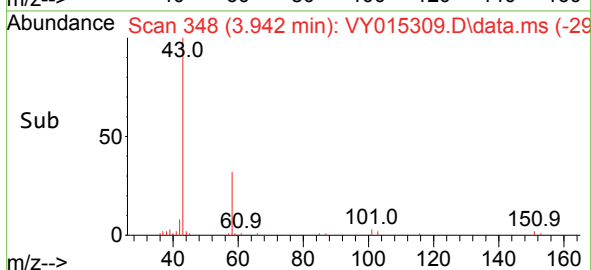
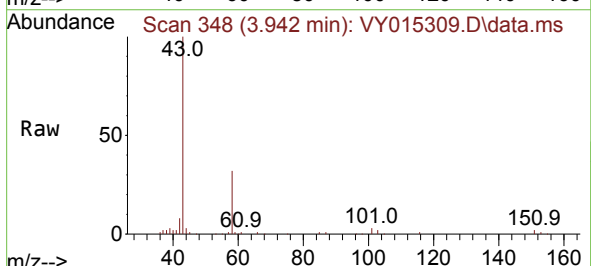


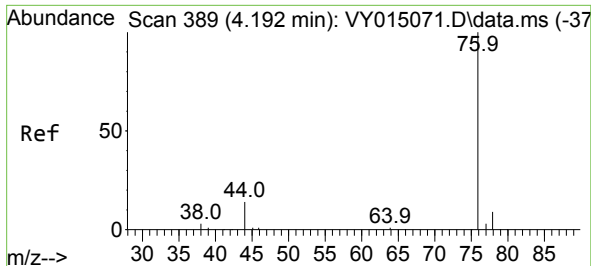
Tgt Ion: 53 Resp: 68305
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 124.587 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

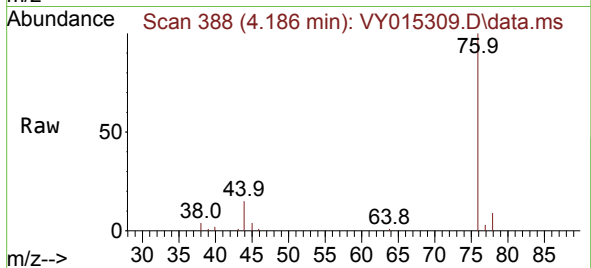
Tgt Ion: 43 Resp: 75902
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1



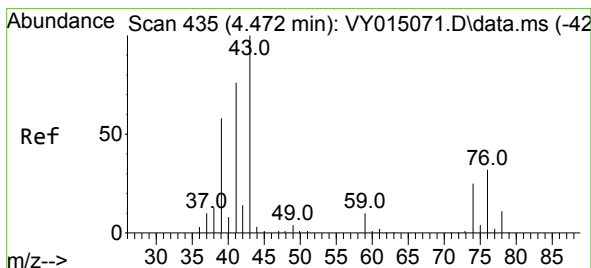
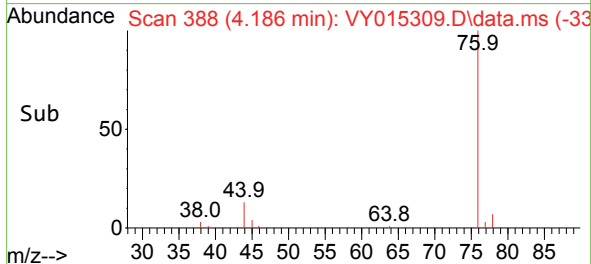
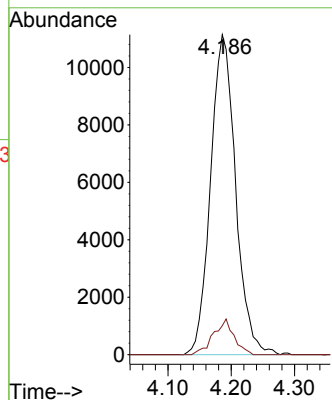


#17
Carbon Disulfide
Concen: 16.106 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :

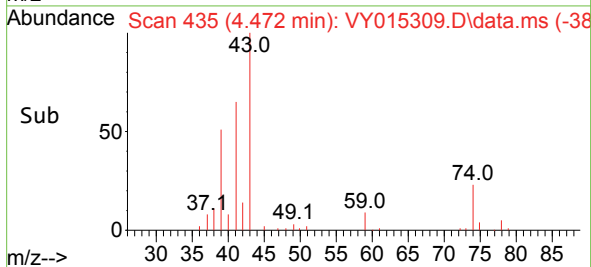
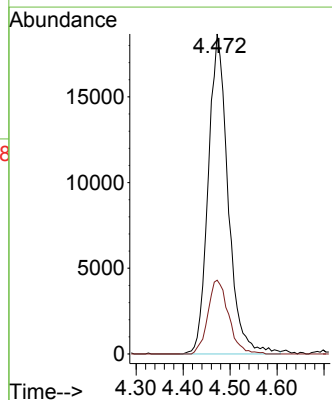
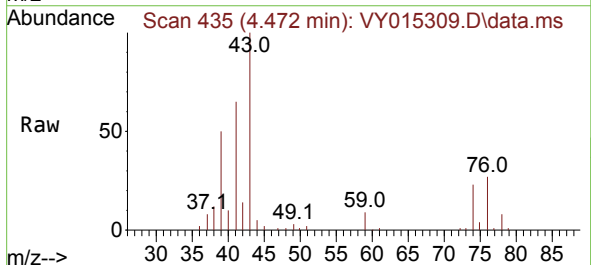


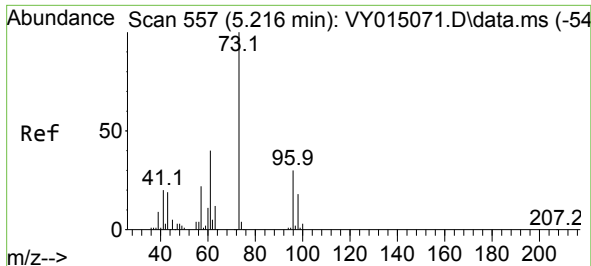
Tgt Ion: 76 Resp: 30641
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 24.505 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 43 Resp: 54710
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0

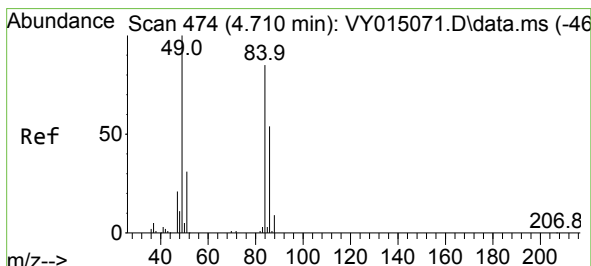
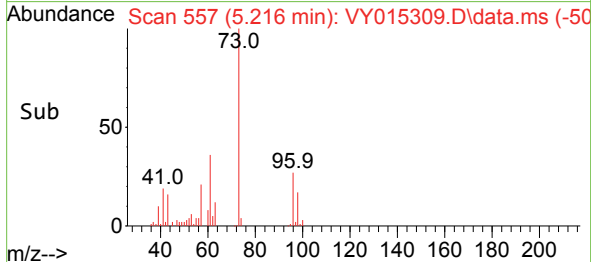
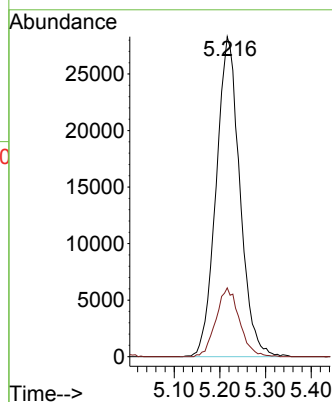
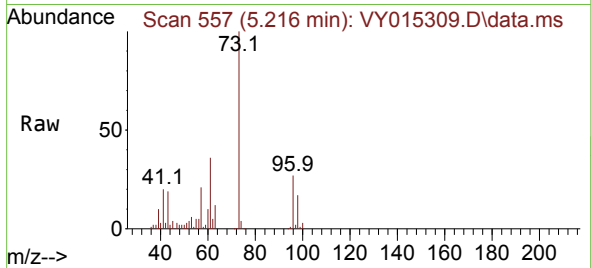




#19
Methyl tert-butyl Ether
Concen: 22.159 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

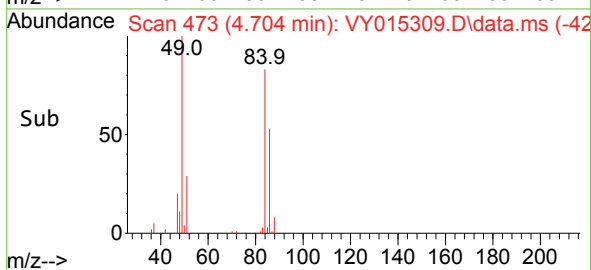
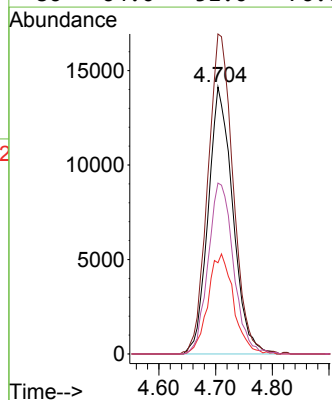
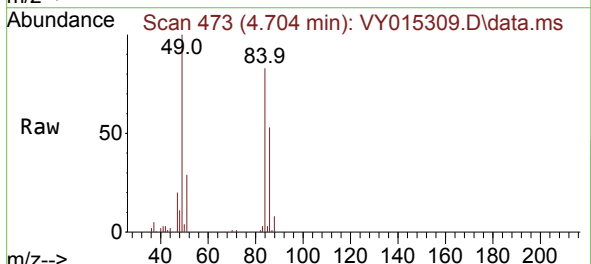
Instrument :
MSVOA_Y
ClientSampleId :

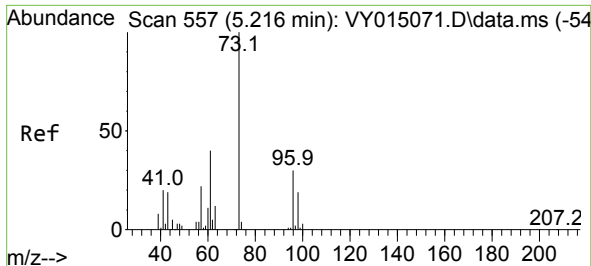
Tgt Ion: 73 Resp: 101855
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 27.186 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

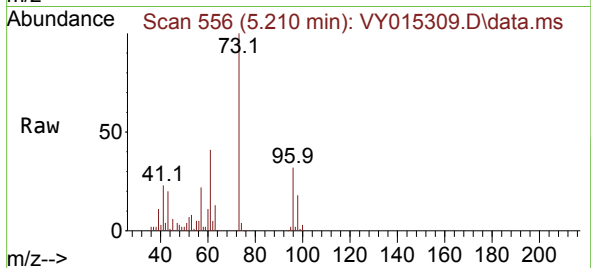
Tgt Ion: 84 Resp: 42590
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 34.2 33.2 49.8
86 64.0 51.0 76.6



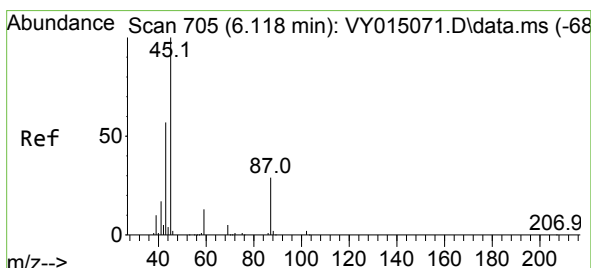
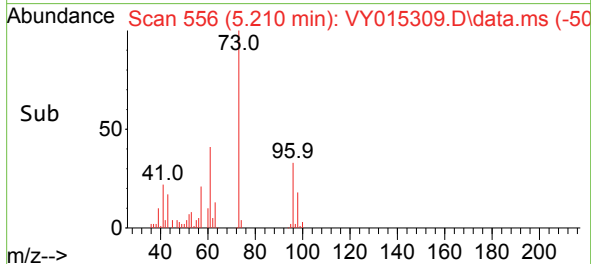
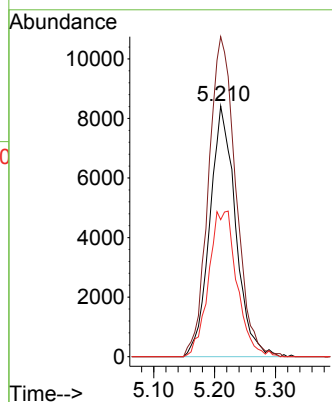


#21
trans-1,2-Dichloroethene
Concen: 20.297 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :

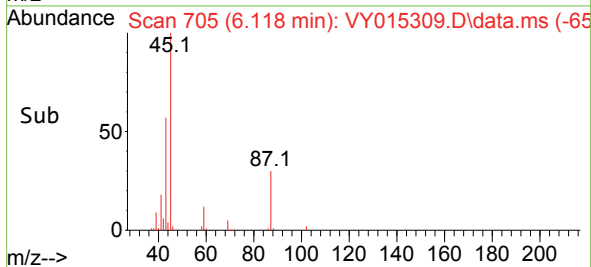
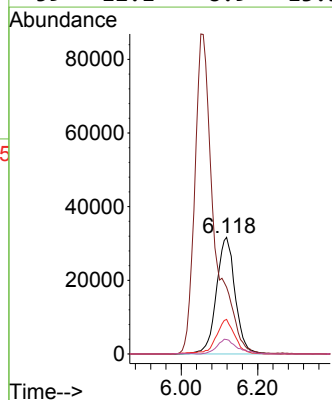
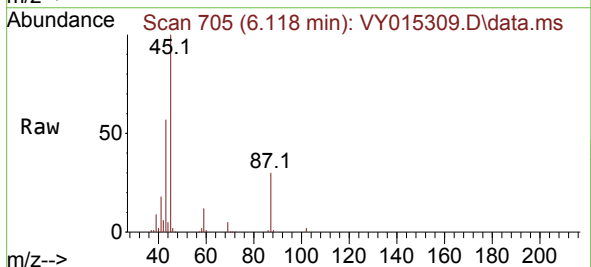


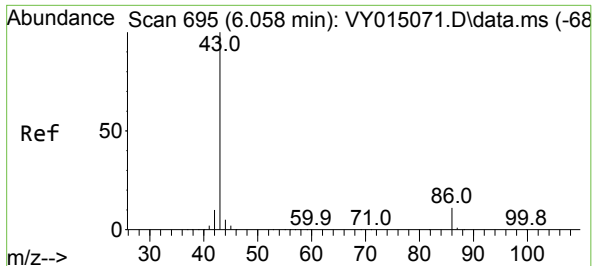
Tgt Ion: 96 Resp: 24750
Ion Ratio Lower Upper
96 100
61 127.7 110.2 165.4
98 54.6 51.8 77.6



#22
Diisopropyl ether
Concen: 22.510 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 45 Resp: 107654
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 29.6 21.0 31.6
59 12.1 8.9 13.3

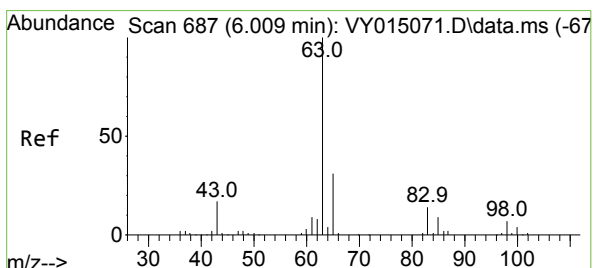
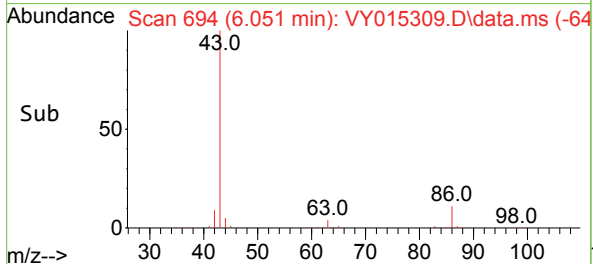
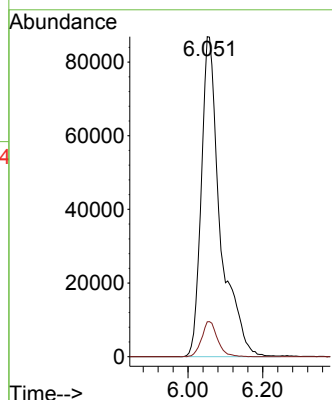
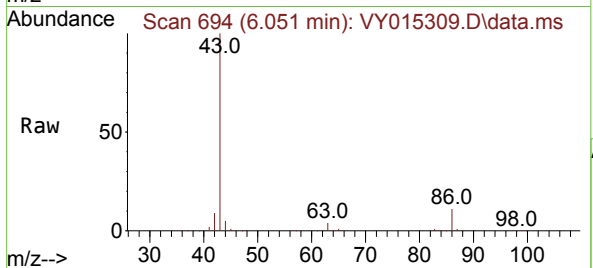




#23
 Vinyl Acetate
 Concen: 107.298 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015309.D
 Acq: 24 Aug 2023 13:59

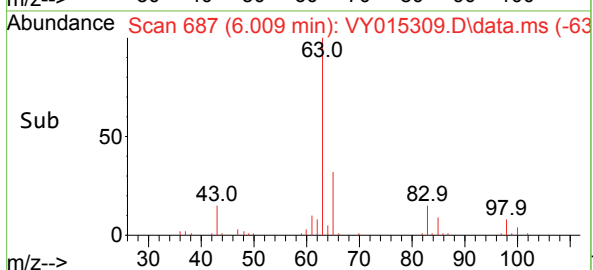
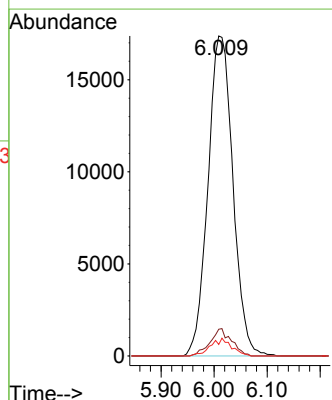
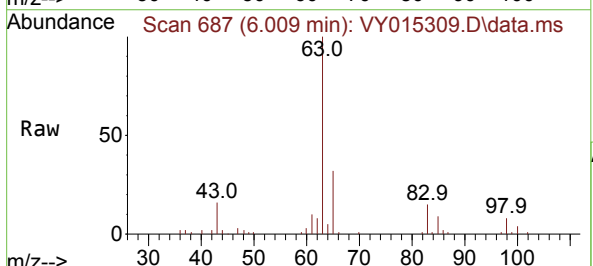
Instrument :
 MSVOA_Y
 ClientSampleId :

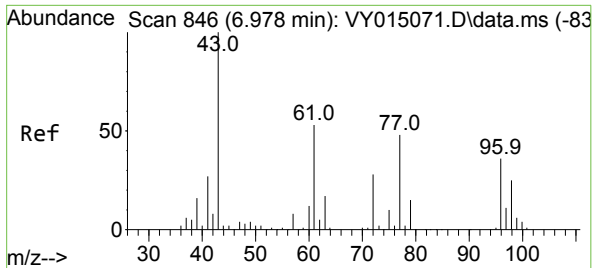
Tgt Ion: 43 Resp: 306192
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.917 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY015309.D
 Acq: 24 Aug 2023 13:59

Tgt Ion: 63 Resp: 56746
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 3.6 1.8 5.5





#25

2-Butanone

Concen: 124.703 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

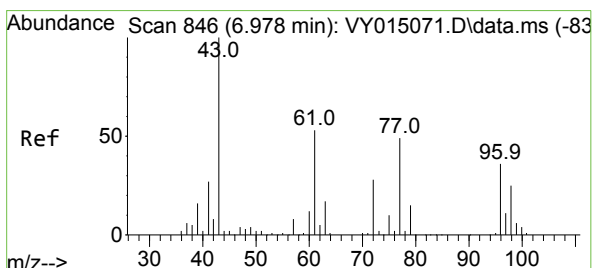
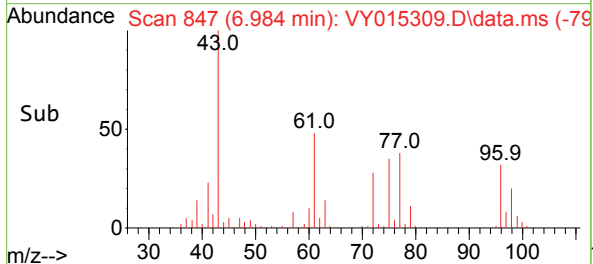
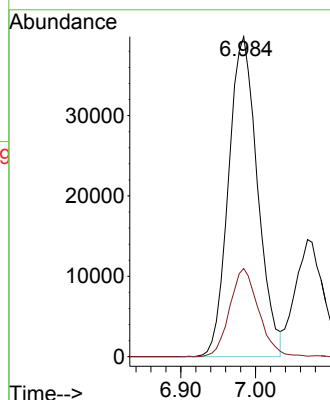
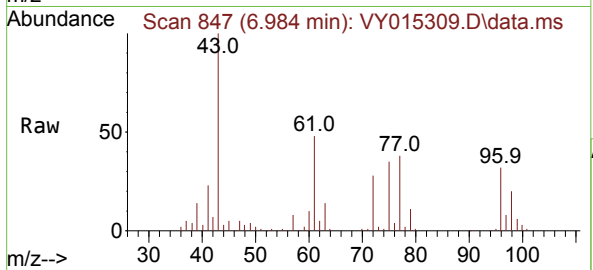
ClientSampleId :

Tgt Ion: 43 Resp: 107570

Ion Ratio Lower Upper

43 100

72 27.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.523 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY015309.D

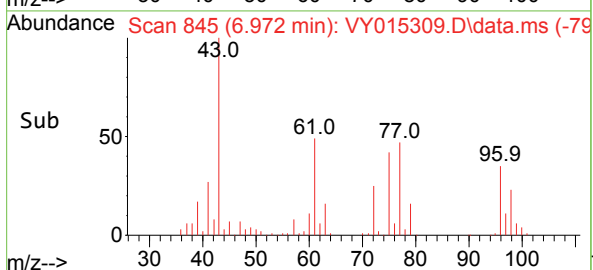
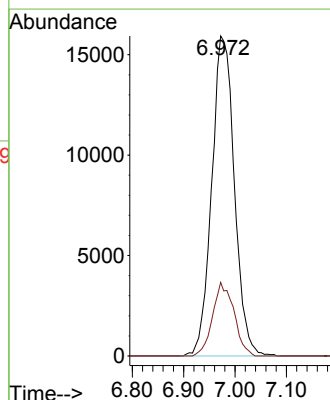
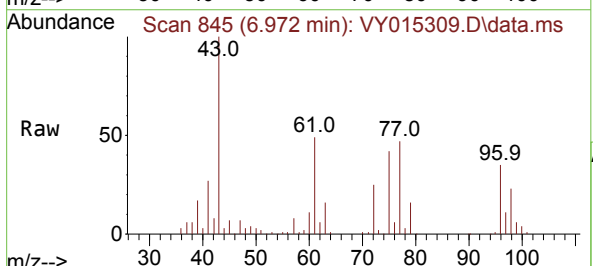
Acq: 24 Aug 2023 13:59

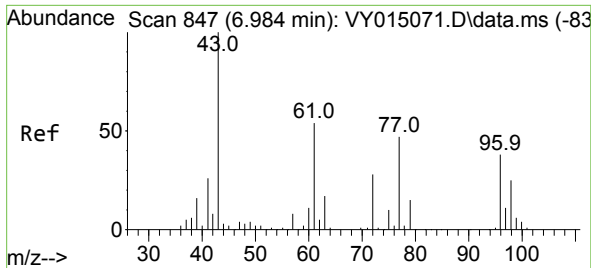
Tgt Ion: 77 Resp: 48729

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9

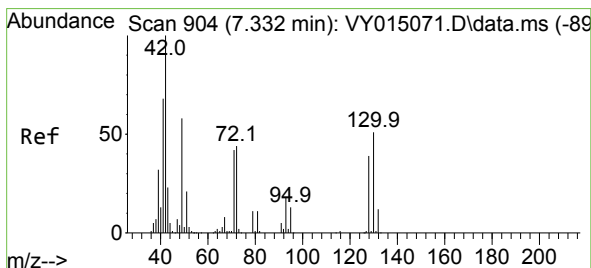
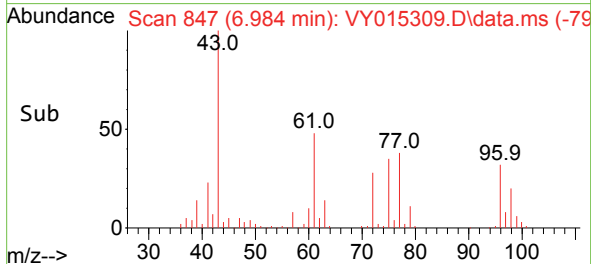
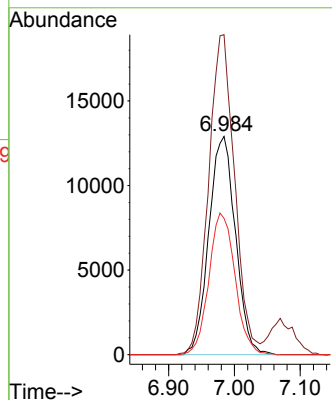
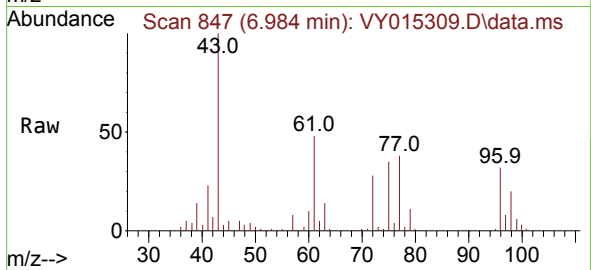




#27
 cis-1,2-Dichloroethene
 Concen: 21.842 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015309.D
 Acq: 24 Aug 2023 13:59

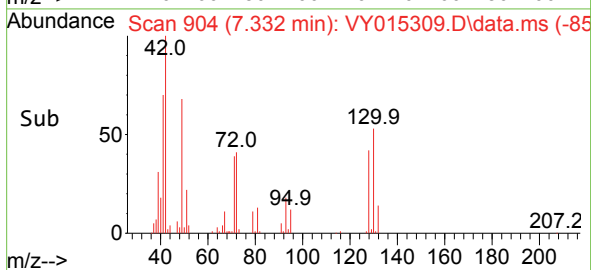
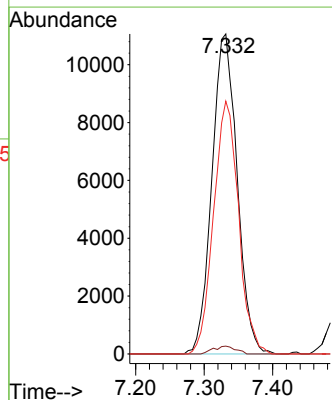
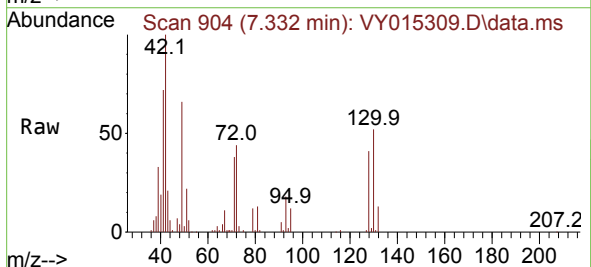
Instrument :
 MSVOA_Y
 ClientSampleId :

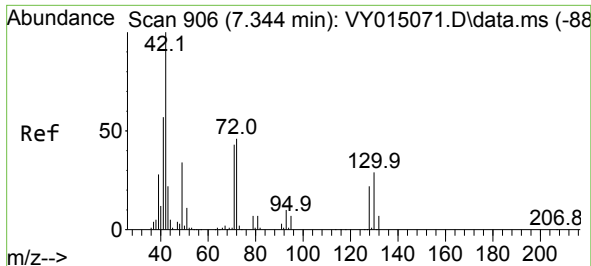
Tgt Ion: 96 Resp: 36382
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 301.4
 98 63.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 23.817 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY015309.D
 Acq: 24 Aug 2023 13:59

Tgt Ion: 49 Resp: 28331
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 78.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 122.021 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

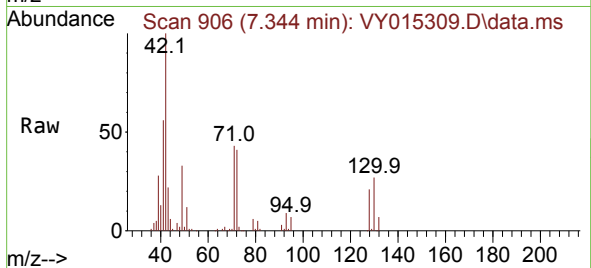
Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :



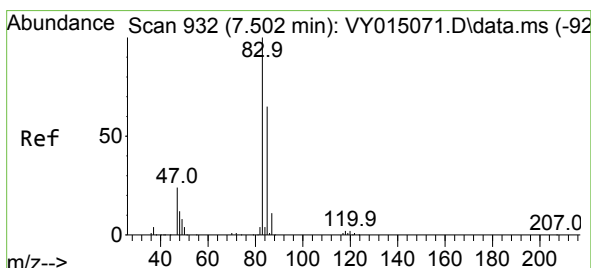
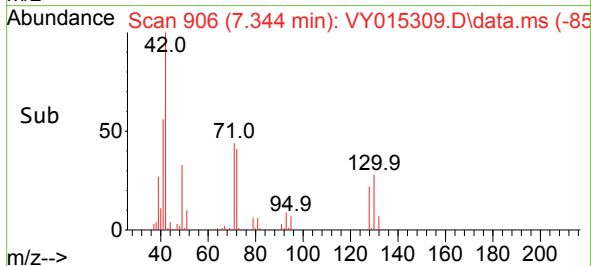
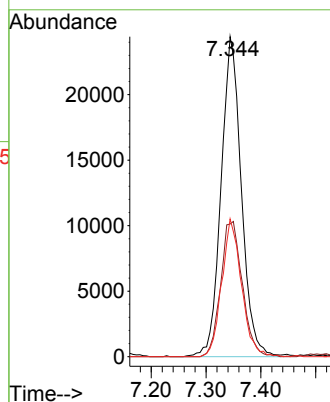
Tgt Ion: 42 Resp: 62937

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

71 41.8 31.0 46.4



#30

Chloroform

Concen: 22.311 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015309.D

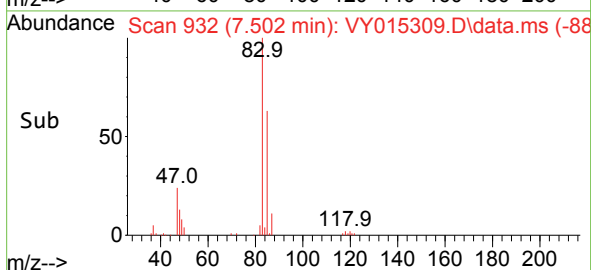
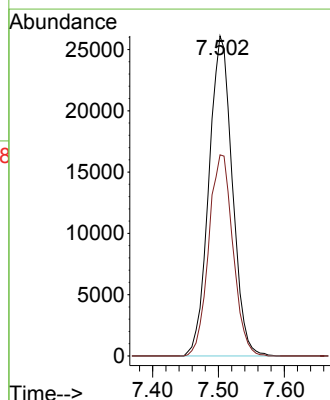
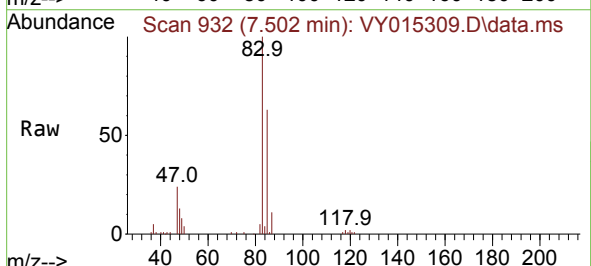
Acq: 24 Aug 2023 13:59

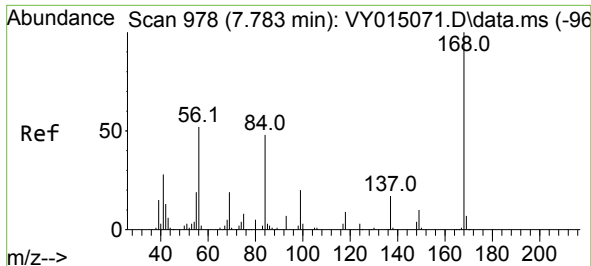
Tgt Ion: 83 Resp: 64757

Ion Ratio Lower Upper

83 100

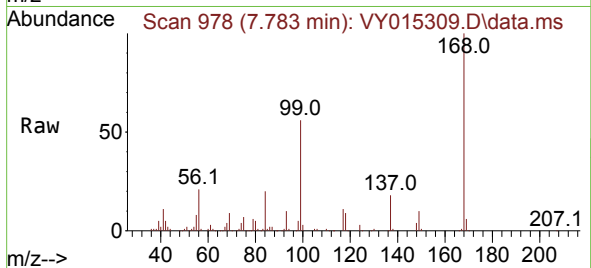
85 62.9 49.7 74.5



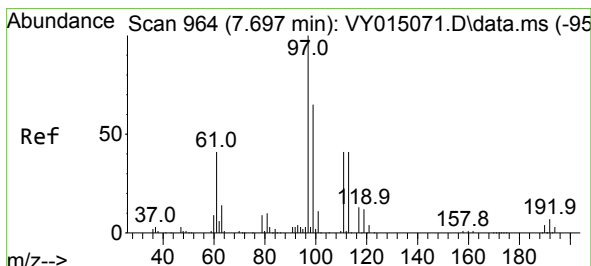
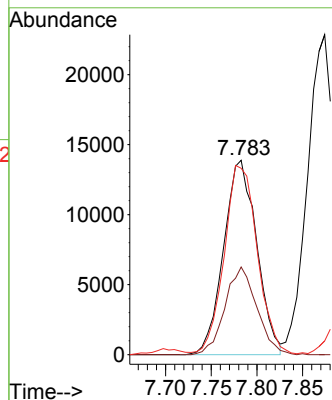
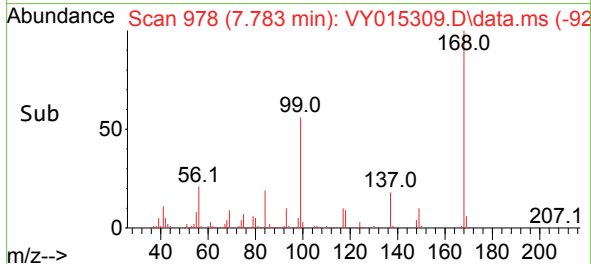


#31
Cyclohexane
Concen: 19.460 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :

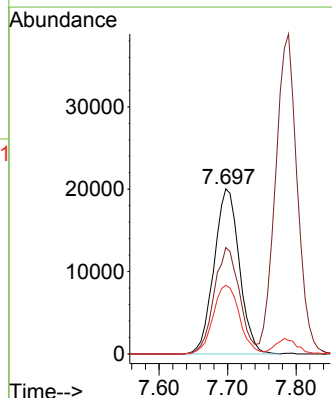
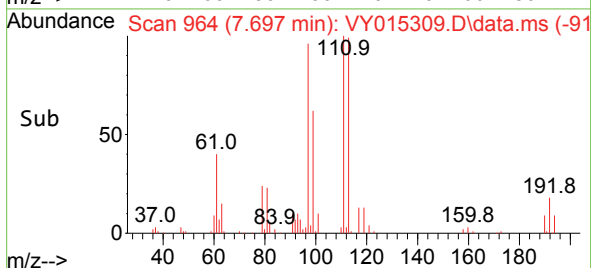
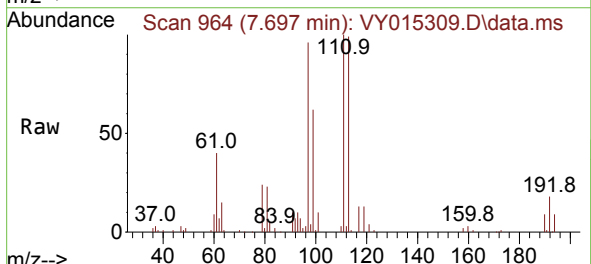


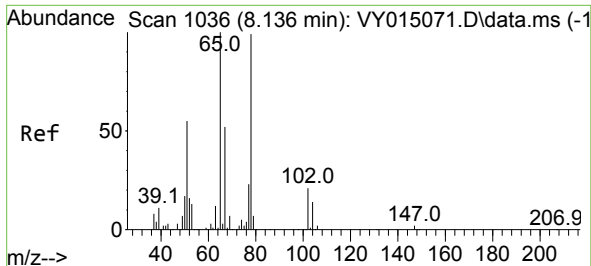
Tgt Ion: 56 Resp: 35014
Ion Ratio Lower Upper
56 100
69 45.1 27.8 41.6#
84 94.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.777 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 97 Resp: 51316
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.068 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

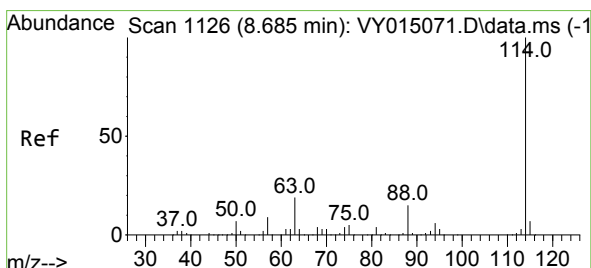
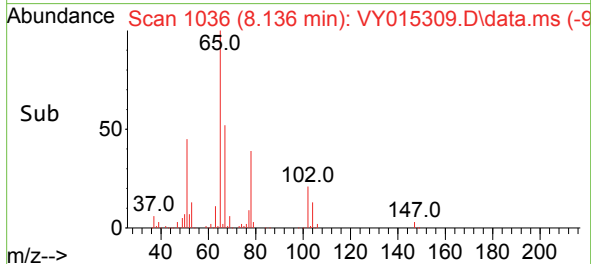
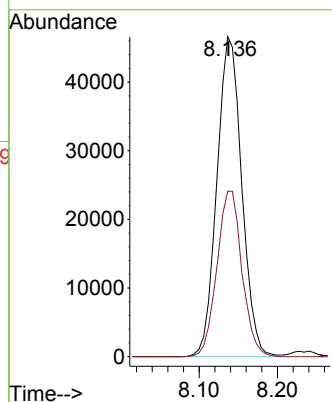
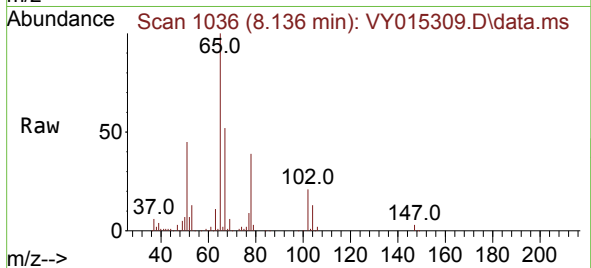
ClientSampleId :

Tgt Ion: 65 Resp: 102696

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

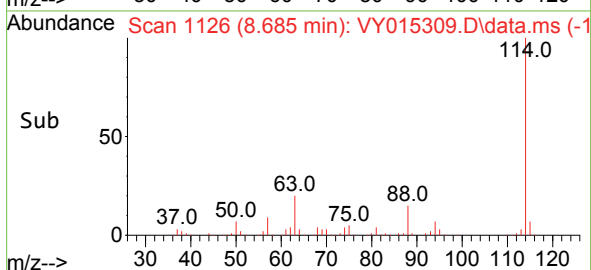
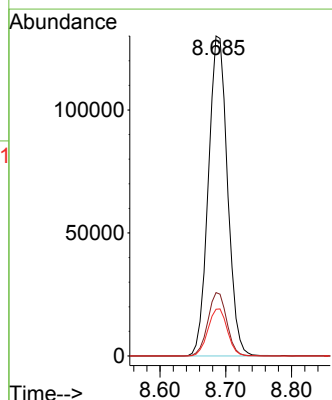
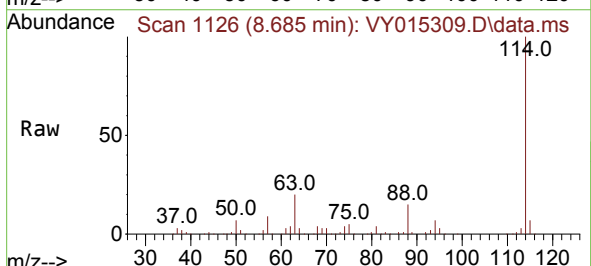
Tgt Ion: 114 Resp: 263195

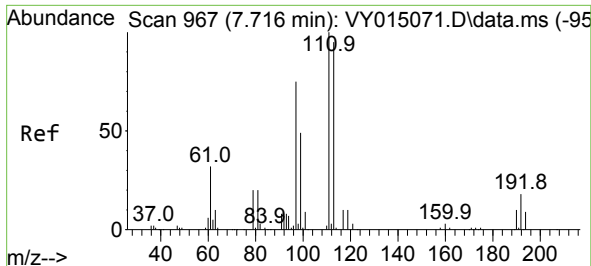
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.6 0.0 30.6

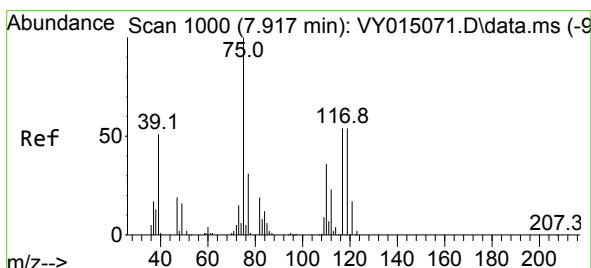
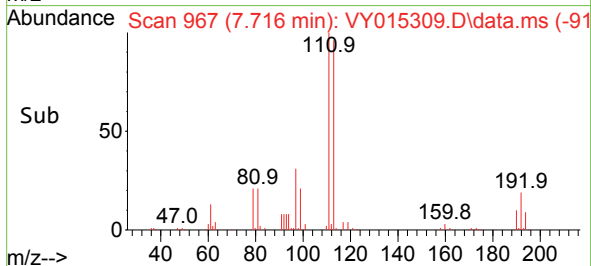
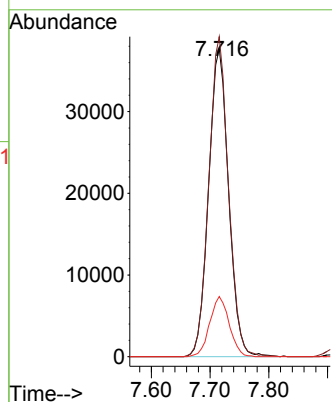
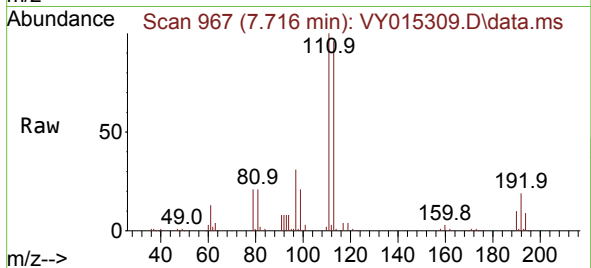




#35
Dibromofluoromethane
Concen: 52.642 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

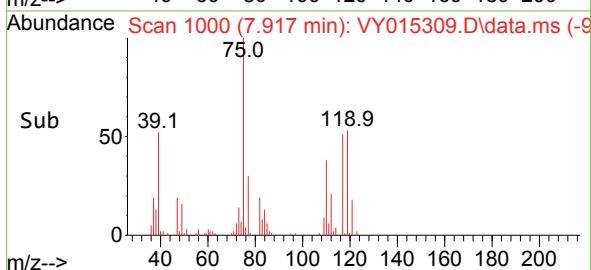
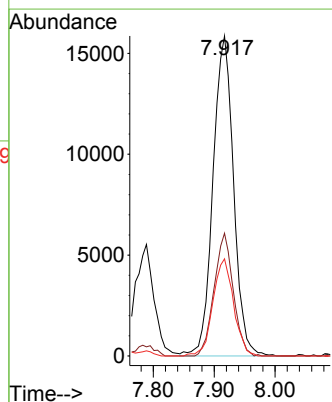
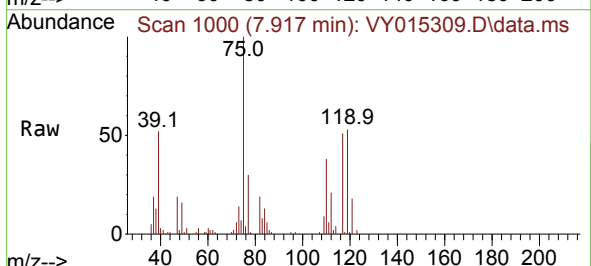
Instrument :
MSVOA_Y
ClientSampleId :

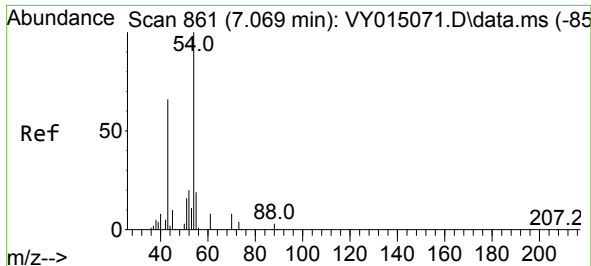
Tgt Ion:113 Resp: 89134
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.864 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 75 Resp: 37211
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 22.738 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

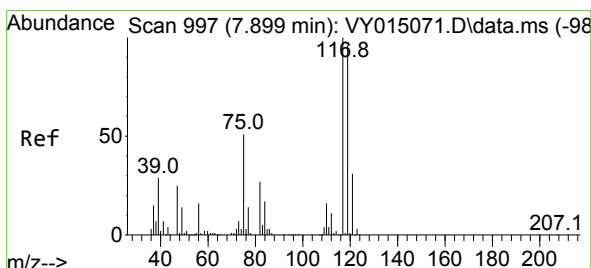
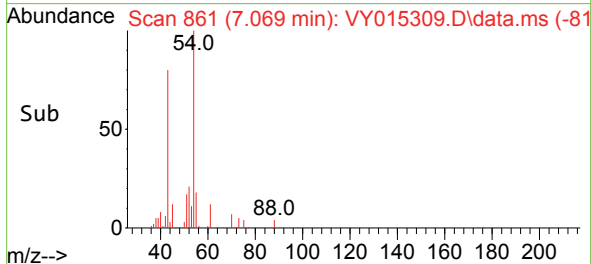
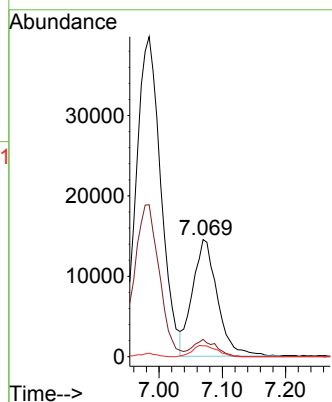
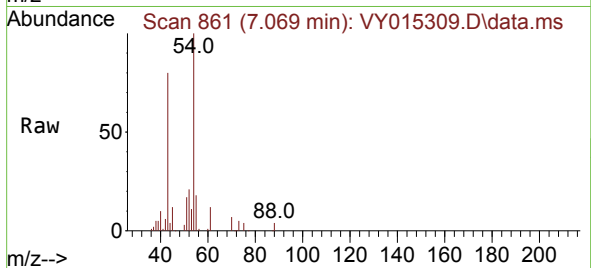
Tgt Ion: 43 Resp: 39702

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 9.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.095 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

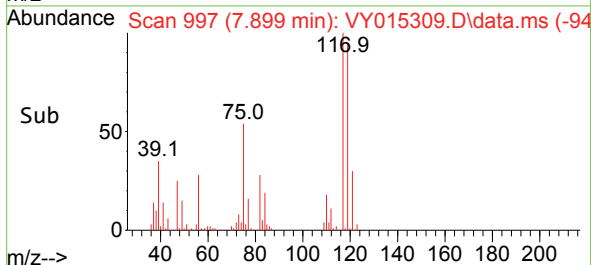
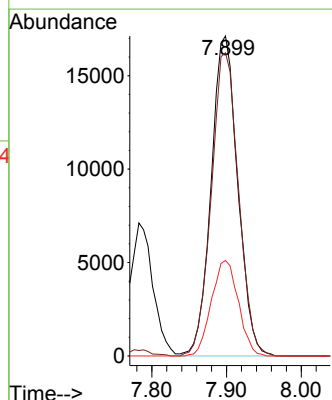
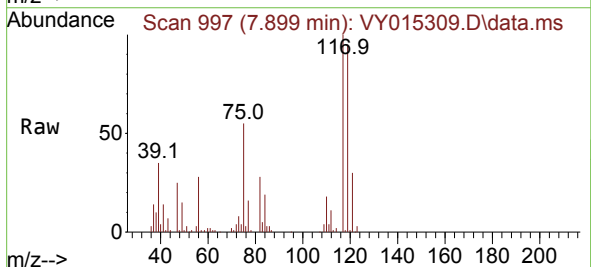
Tgt Ion: 117 Resp: 42333

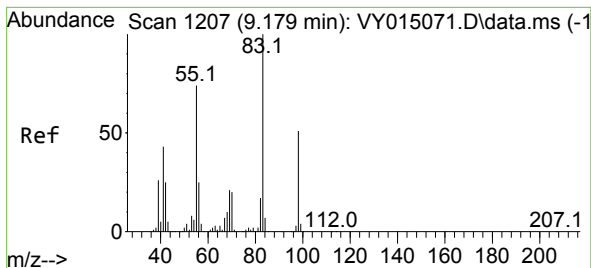
Ion Ratio Lower Upper

117 100

119 94.8 76.4 114.6

121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 18.308 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

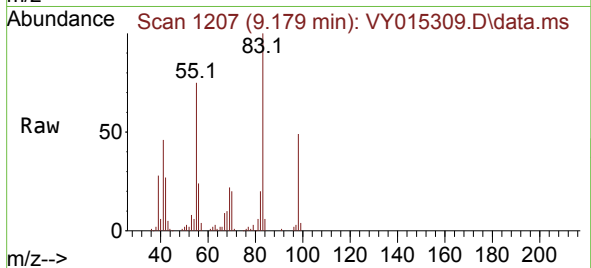
Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :



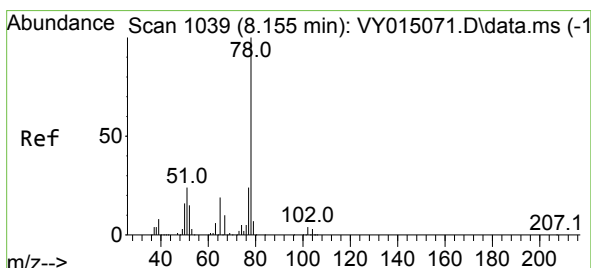
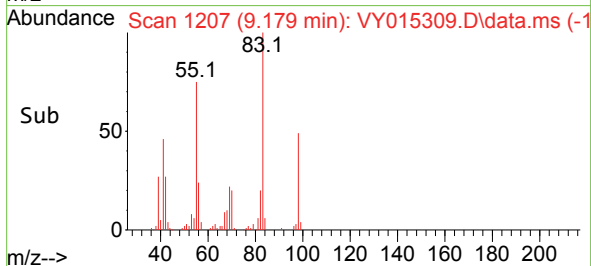
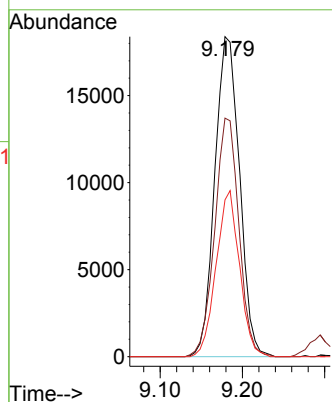
Tgt Ion: 83 Resp: 38447

Ion Ratio Lower Upper

83 100

55 74.5 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 20.865 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015309.D

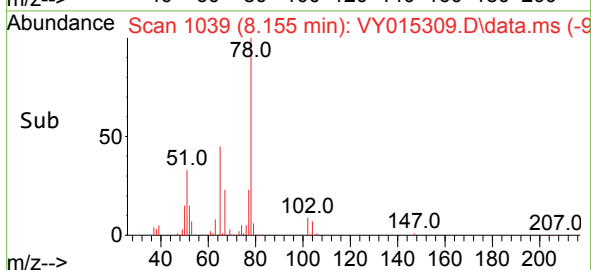
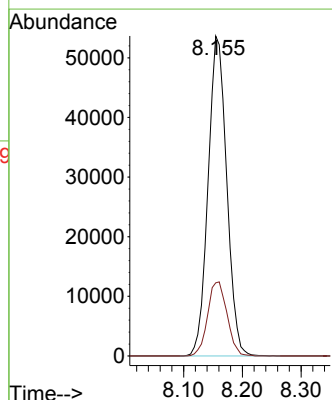
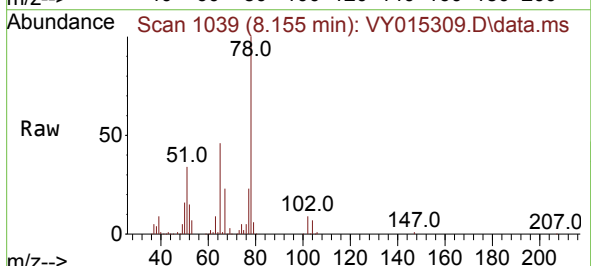
Acq: 24 Aug 2023 13:59

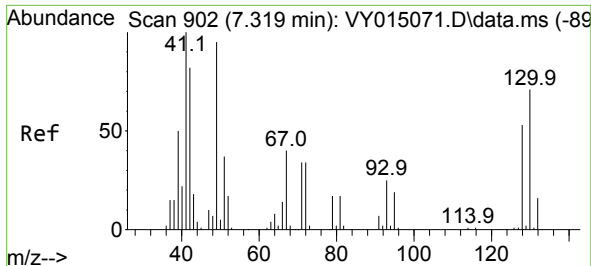
Tgt Ion: 78 Resp: 118168

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

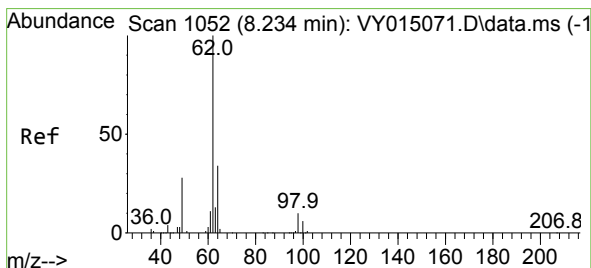
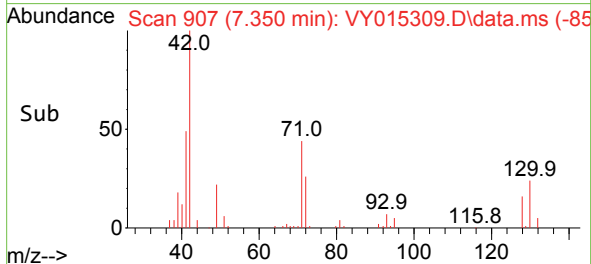
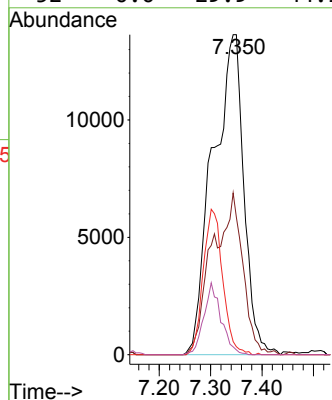
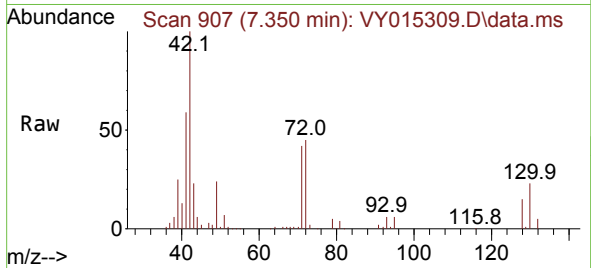




#41
Methacrylonitrile
Concen: 63.365 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

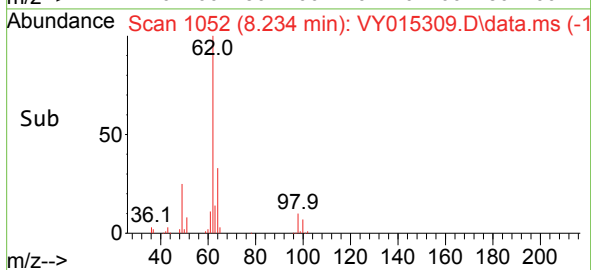
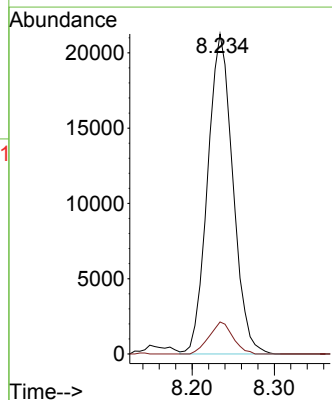
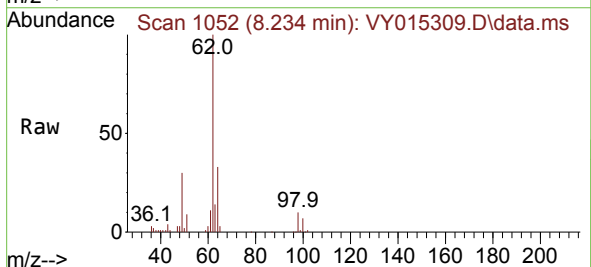
Instrument :
MSVOA_Y
ClientSampleId :

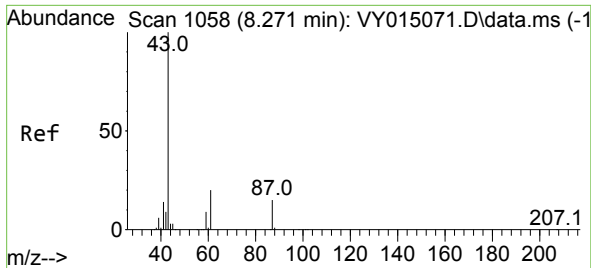
Tgt Ion: 41 Resp: 57052
Ion Ratio Lower Upper
41 100
39 26.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 22.043 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

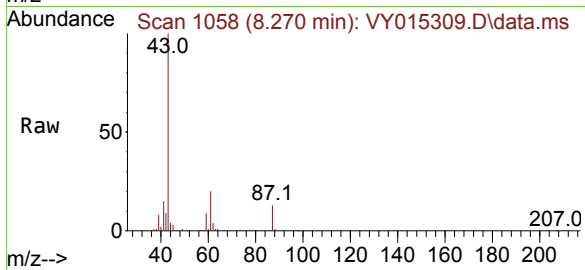
Tgt Ion: 62 Resp: 45339
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8



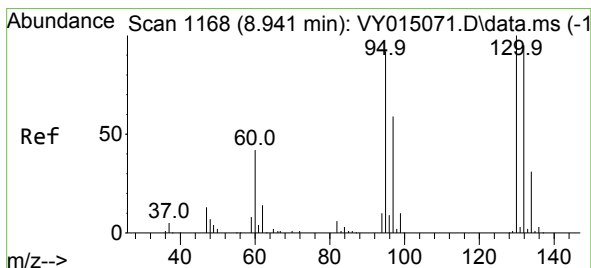
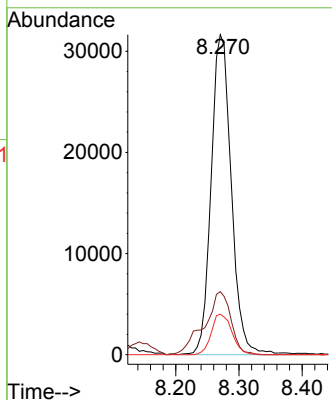
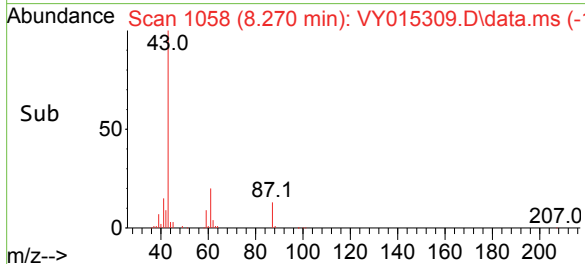


#43
Isopropyl Acetate
Concen: 22.000 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :

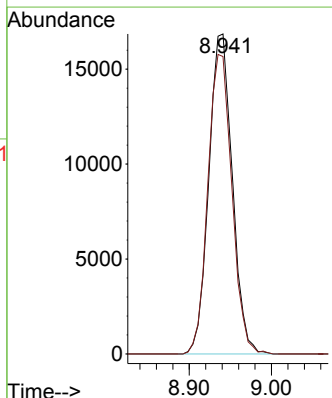
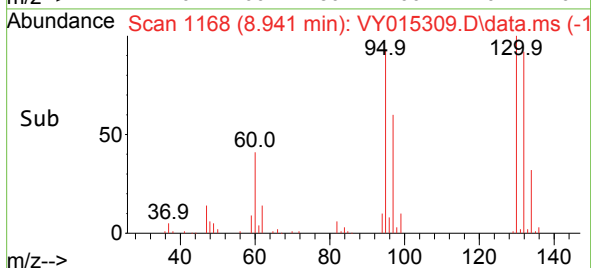
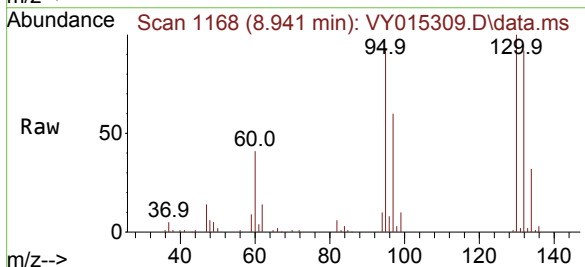


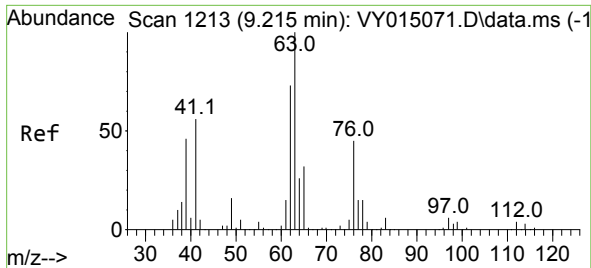
Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.1	21.1	31.7
87	13.0	9.8	14.8



#44
Trichloroethene
Concen: 20.514 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	196.0

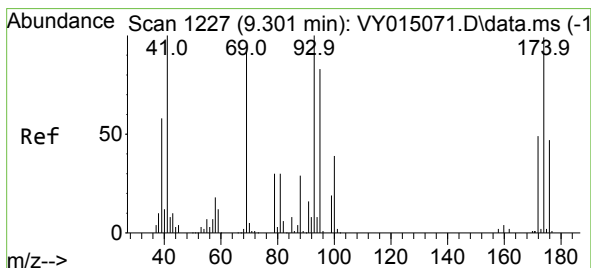
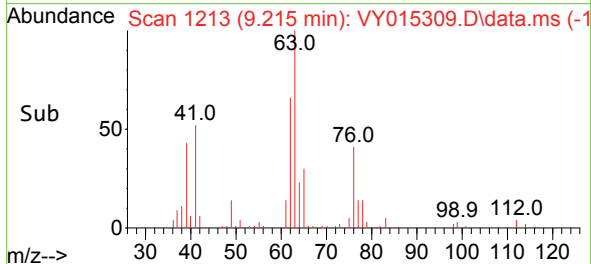
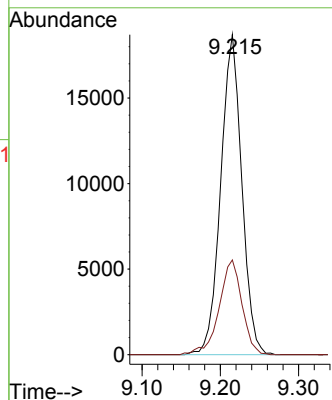
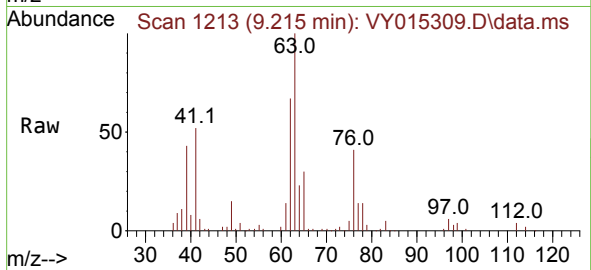




#45
1,2-Dichloropropane
Concen: 21.902 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

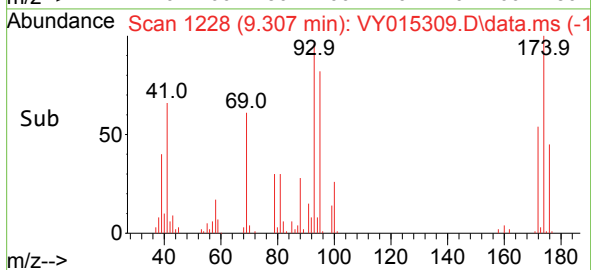
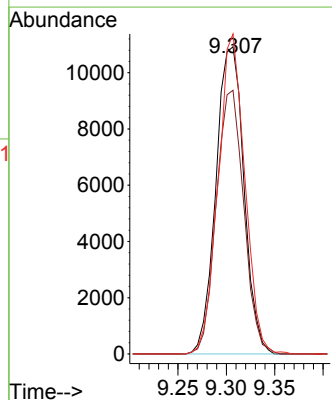
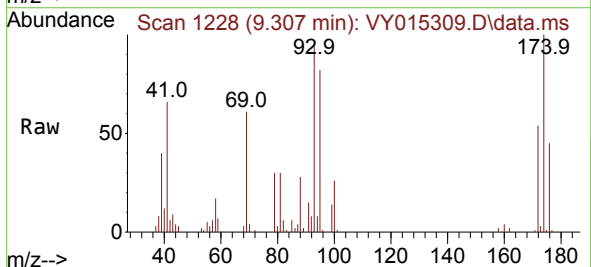
Instrument :
MSVOA_Y
ClientSampleId :

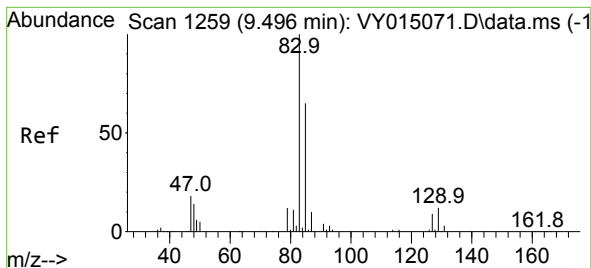
Tgt Ion: 63 Resp: 34978
Ion Ratio Lower Upper
63 100
65 29.6 23.8 35.6



#46
Dibromomethane
Concen: 21.822 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 93 Resp: 21980
Ion Ratio Lower Upper
93 100
95 84.3 66.6 100.0
174 98.9 84.8 127.2





#47

Bromodichloromethane

Concen: 21.925 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

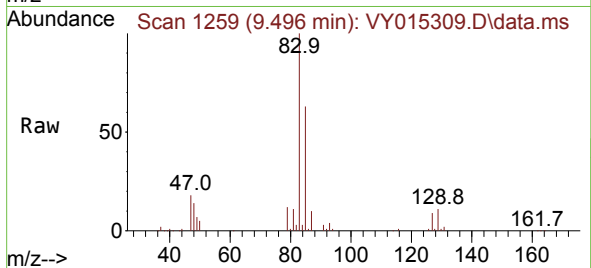
Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :



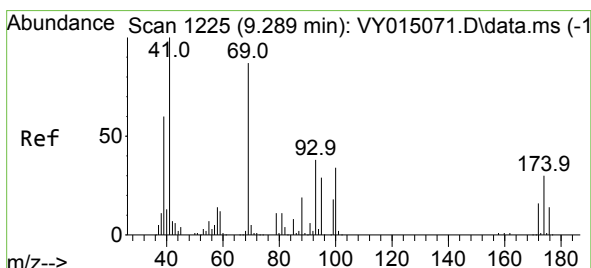
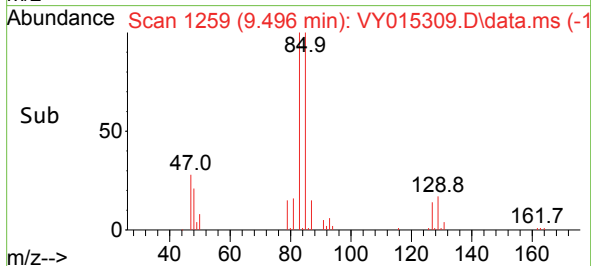
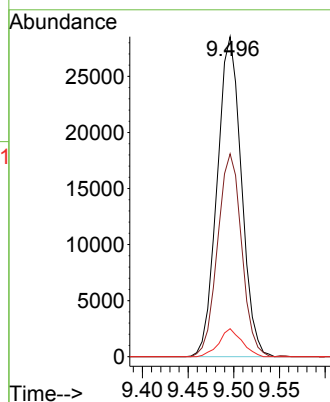
Tgt Ion: 83 Resp: 52698

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 22.636 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

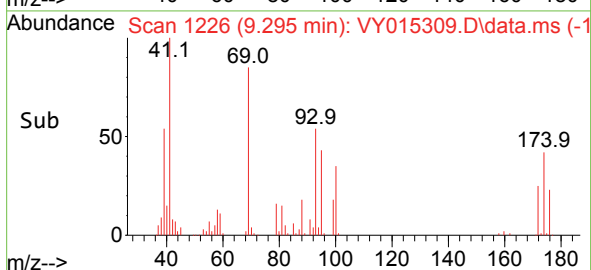
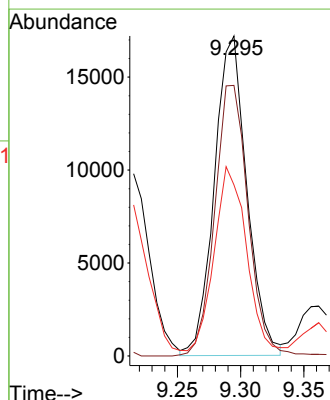
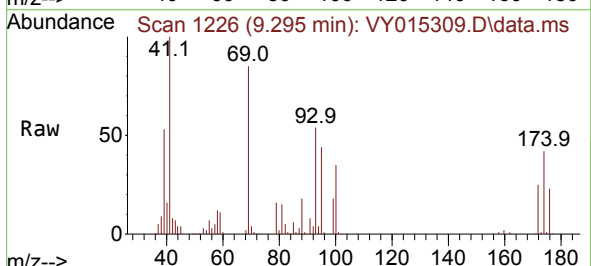
Tgt Ion: 41 Resp: 30790

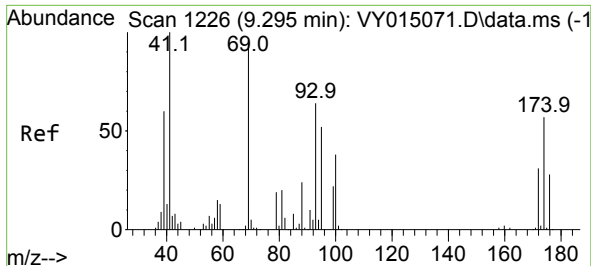
Ion Ratio Lower Upper

41 100

69 86.9 64.5 96.7

39 59.9 50.8 76.2





#49

1,4-Dioxane

Concen: 450.711 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

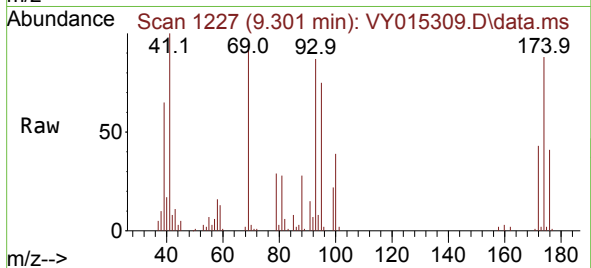
Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :



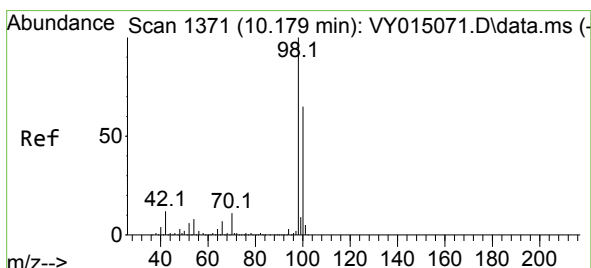
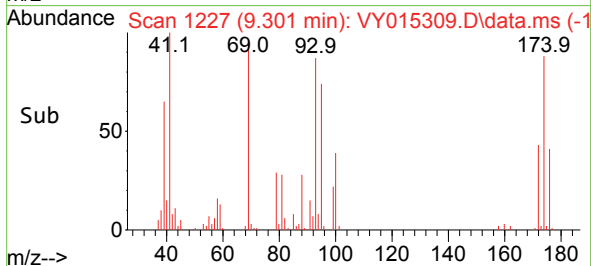
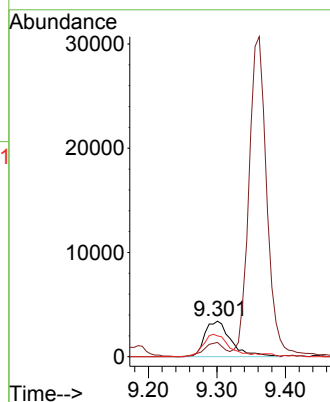
Tgt Ion: 88 Resp: 9078

Ion Ratio Lower Upper

88 100

43 31.2 0.0 0.0#

58 61.0 30.9 46.3#



#50

Toluene-d8

Concen: 51.748 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015309.D

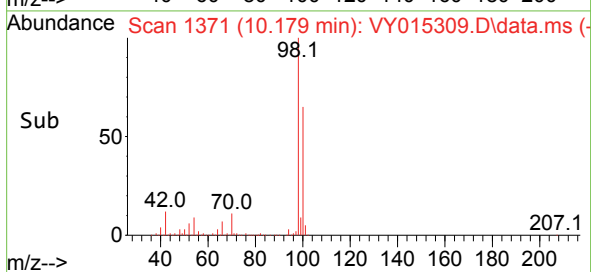
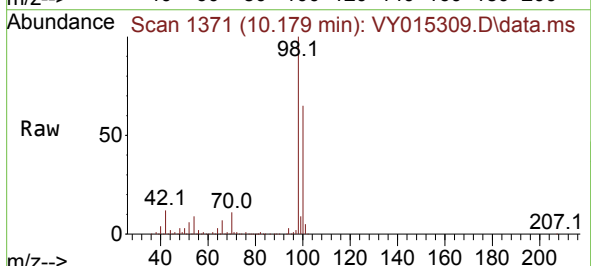
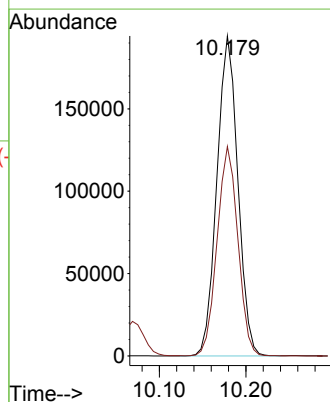
Acq: 24 Aug 2023 13:59

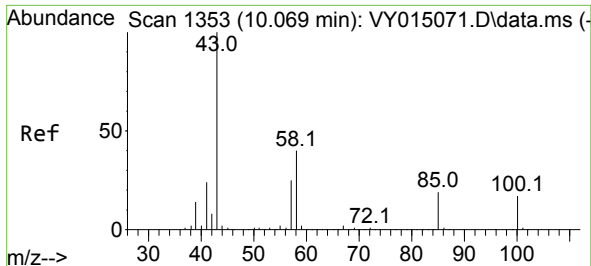
Tgt Ion: 98 Resp: 326176

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

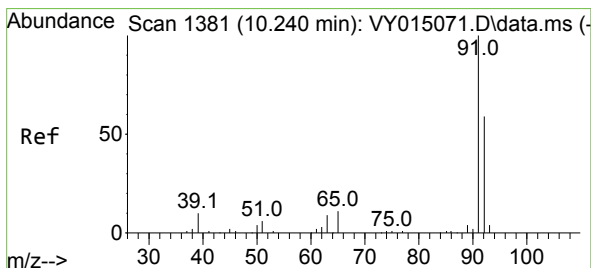
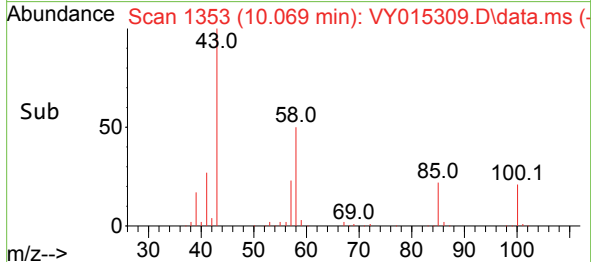
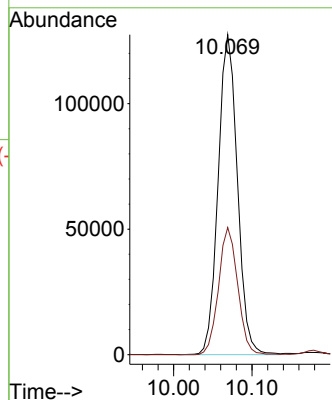
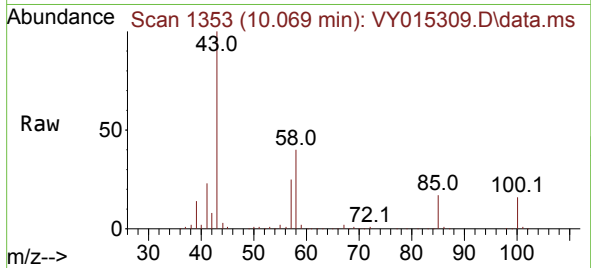




#51
4-Methyl-2-Pentanone
Concen: 118.388 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

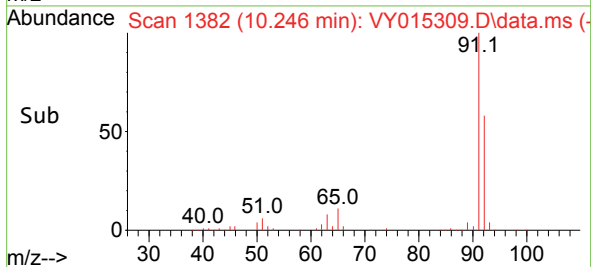
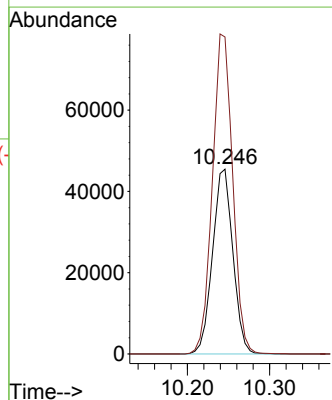
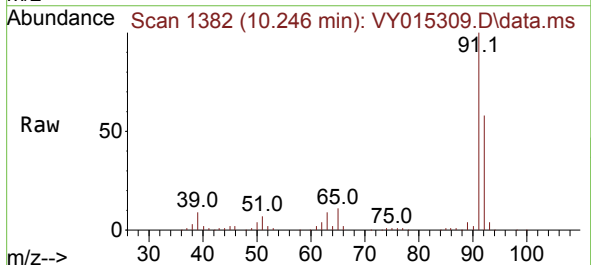
Instrument :
MSVOA_Y
ClientSampleId :

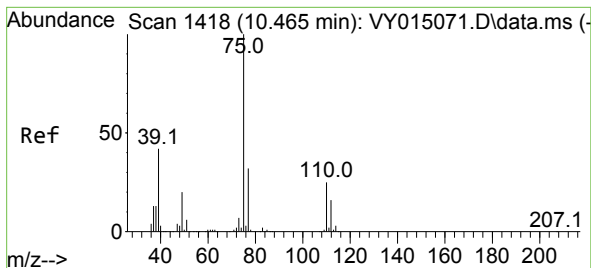
Tgt Ion: 43 Resp: 218170
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 20.982 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 92 Resp: 78323
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6

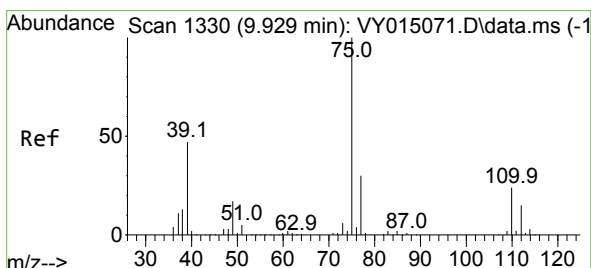
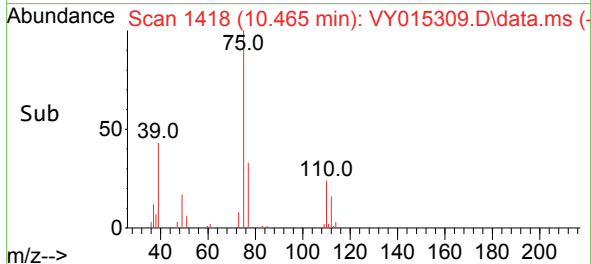
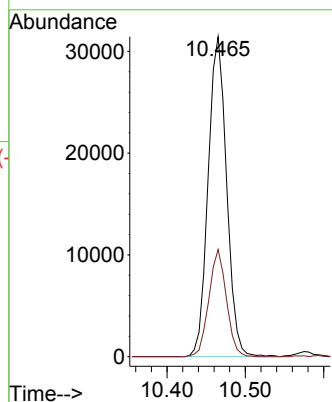
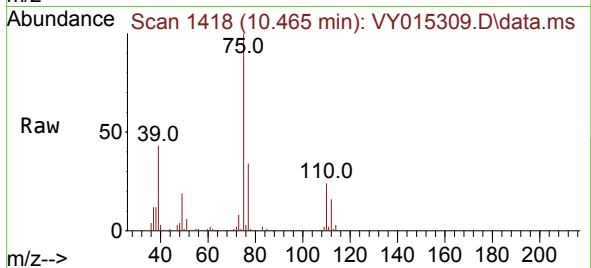




#53
 t-1,3-Dichloropropene
 Concen: 20.400 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY015309.D
 Acq: 24 Aug 2023 13:59

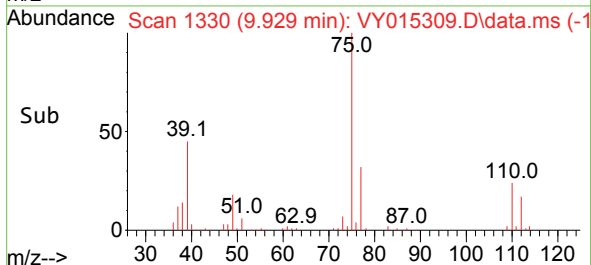
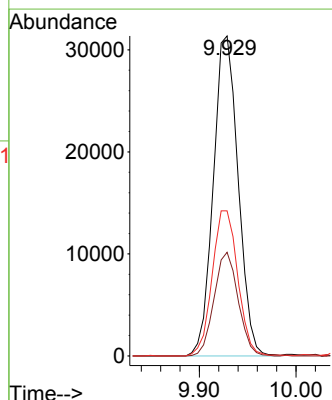
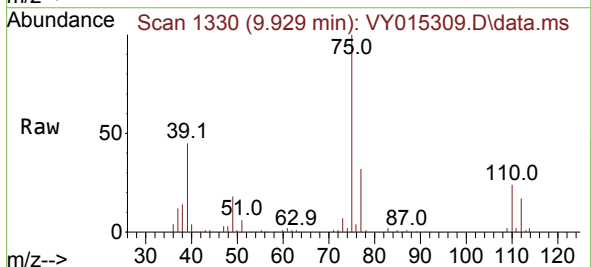
Instrument :
 MSVOA_Y
 ClientSampleId :

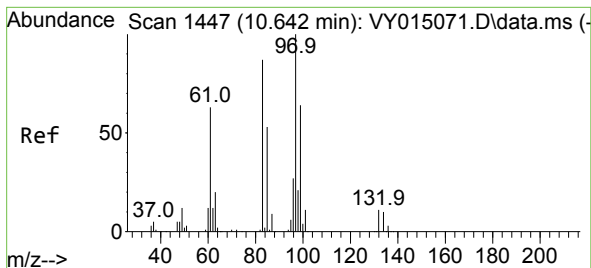
Tgt Ion: 75 Resp: 51529
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.056 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015309.D
 Acq: 24 Aug 2023 13:59

Tgt Ion: 75 Resp: 56014
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 45.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 22.361 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

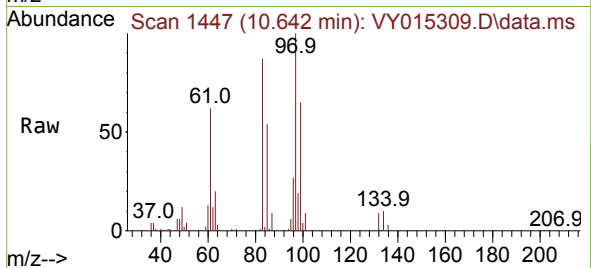
Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 34247

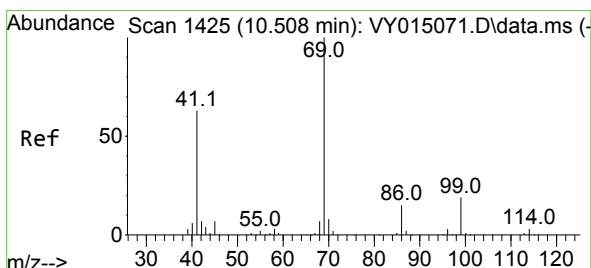
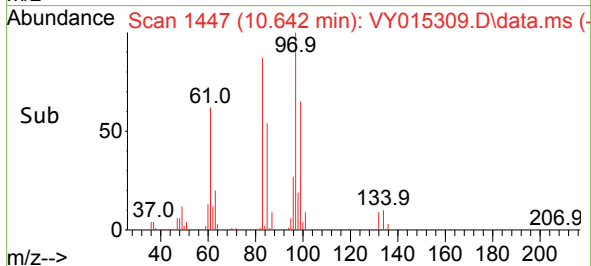
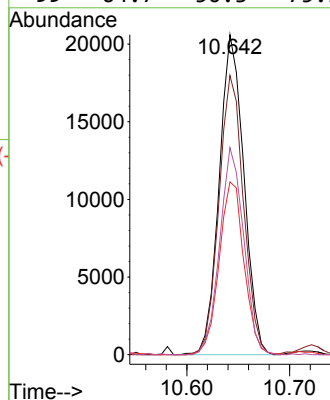
Ion Ratio Lower Upper

97 100

83 87.2 72.0 108.0

85 54.0 45.4 68.0

99 64.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.006 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

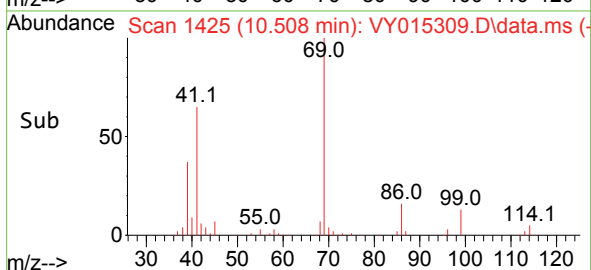
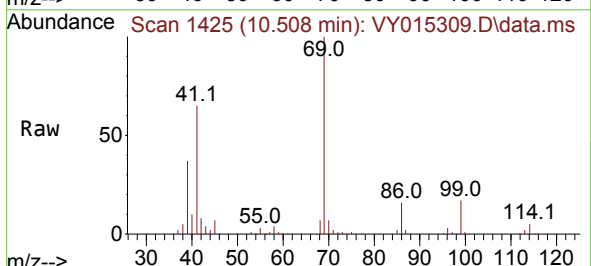
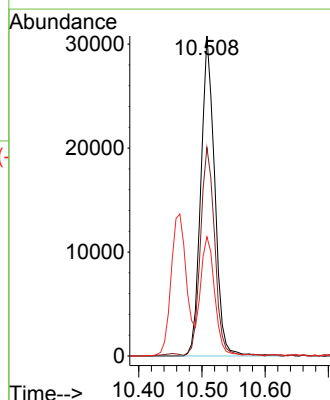
Tgt Ion: 69 Resp: 47083

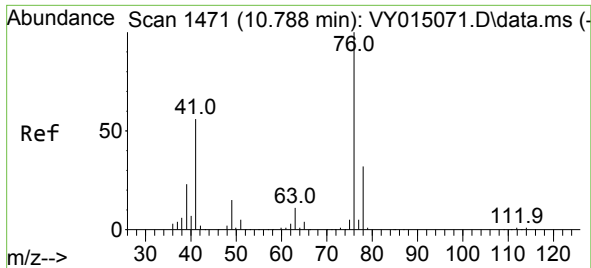
Ion Ratio Lower Upper

69 100

41 66.2 57.6 86.4

39 37.0 34.1 51.1

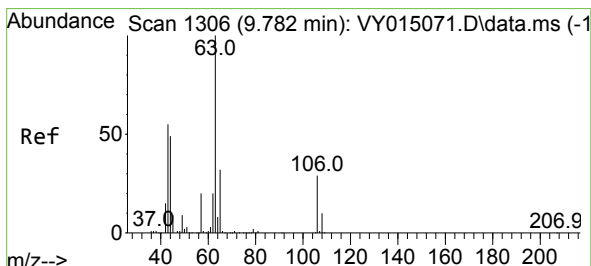
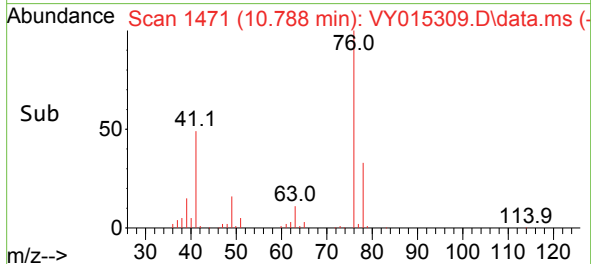
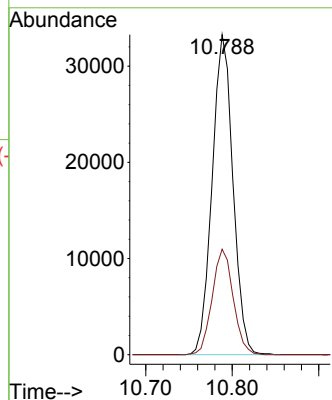
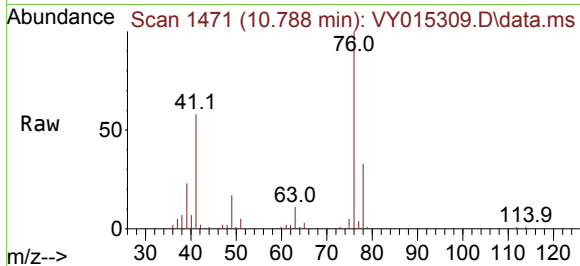




#57
1,3-Dichloropropane
Concen: 22.187 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

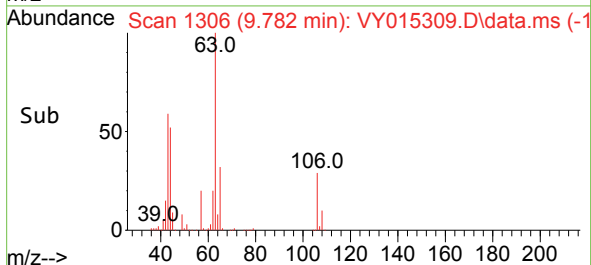
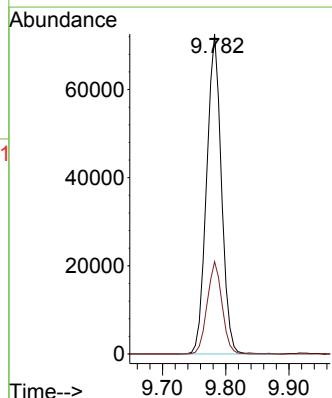
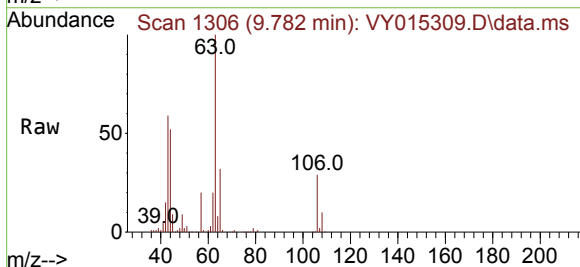
Instrument :
MSVOA_Y
ClientSampleId :

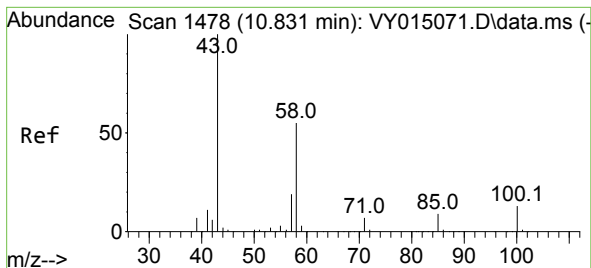
Tgt Ion: 76 Resp: 55516
Ion Ratio Lower Upper
76 100
78 33.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 113.222 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 63 Resp: 118101
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8

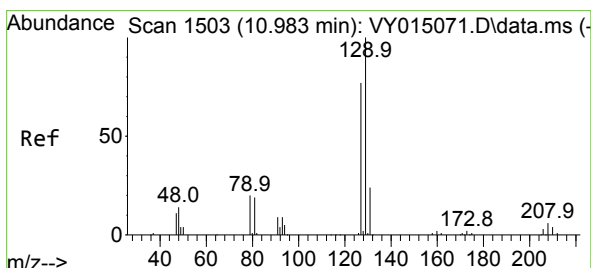
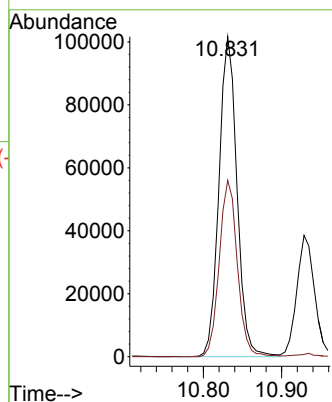
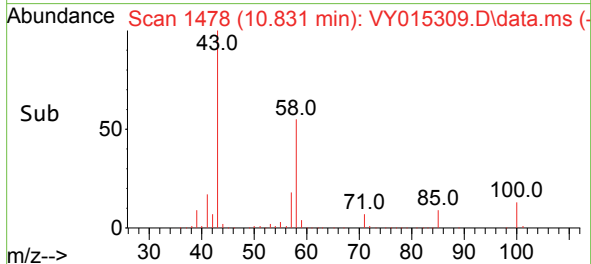
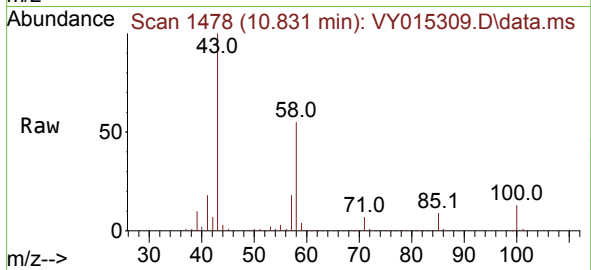




#59
2-Hexanone
Concen: 119.273 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

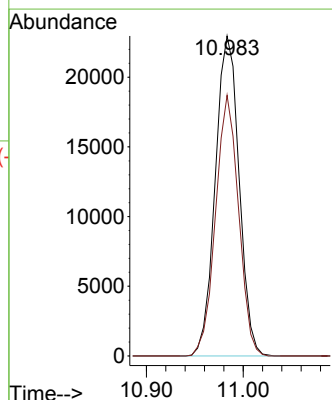
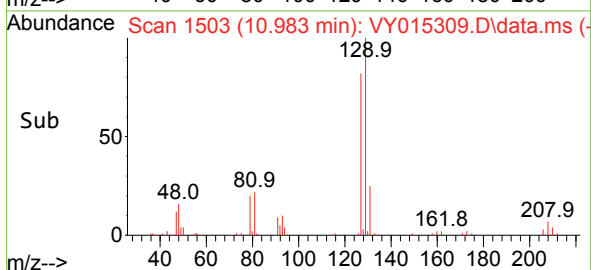
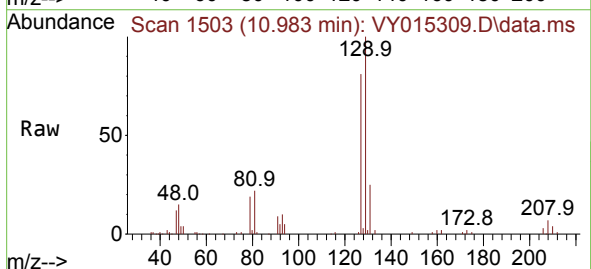
Instrument :
MSVOA_Y
ClientSampleId :

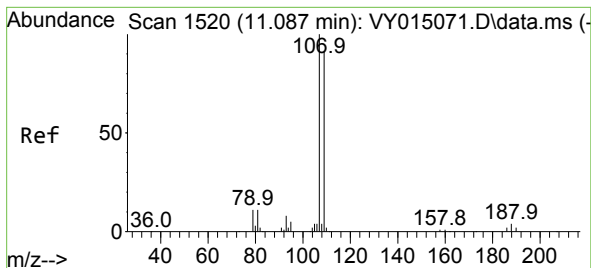
Tgt Ion: 43 Resp: 162676
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.422 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 129 Resp: 39136
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5

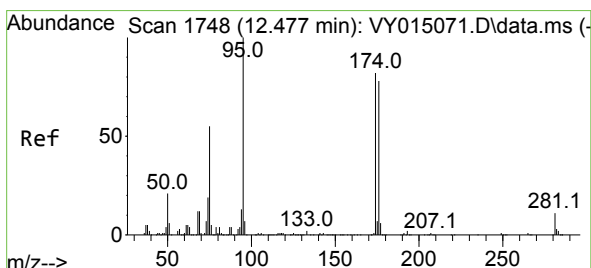
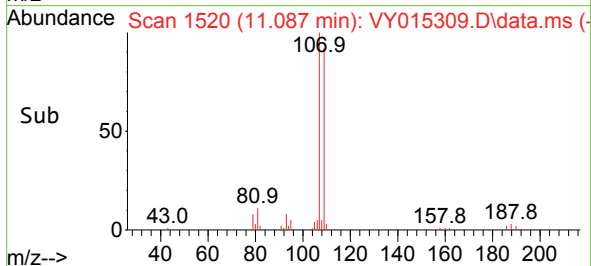
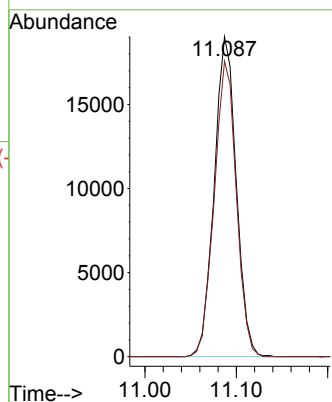
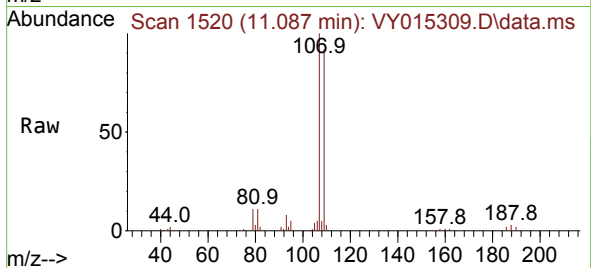




#61
1,2-Dibromoethane
Concen: 21.892 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

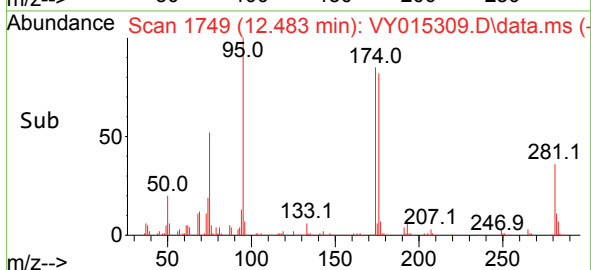
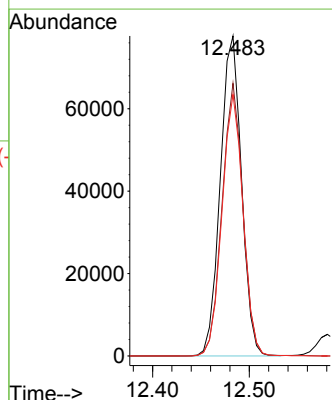
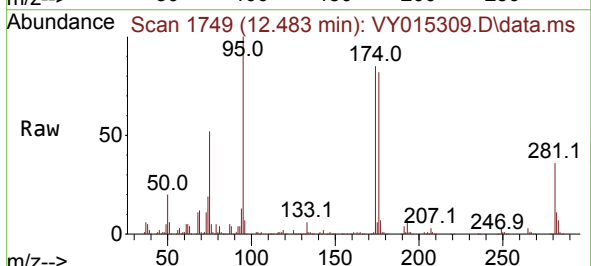
Instrument :
MSVOA_Y
ClientSampleId :

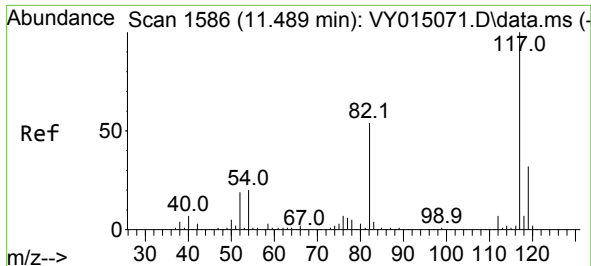
Tgt Ion:107 Resp: 31851
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

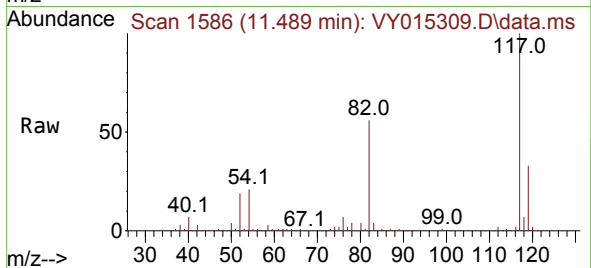
Tgt Ion: 95 Resp: 117834
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.2 0.0 173.8



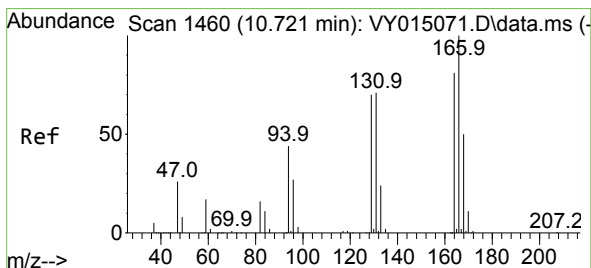
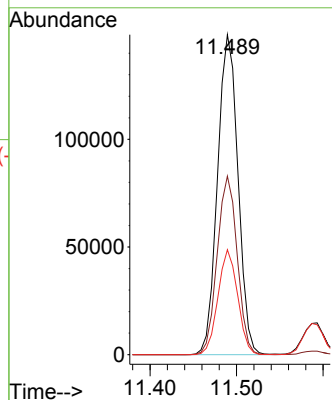
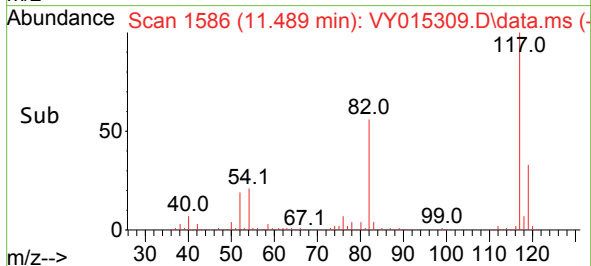


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

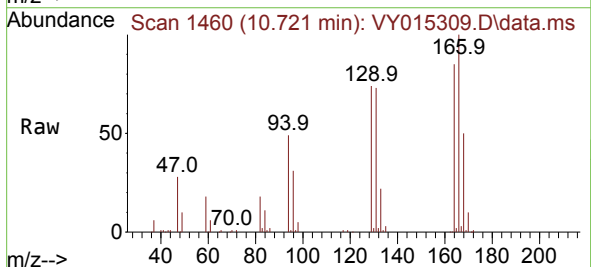
Instrument :
MSVOA_Y
ClientSampleId :



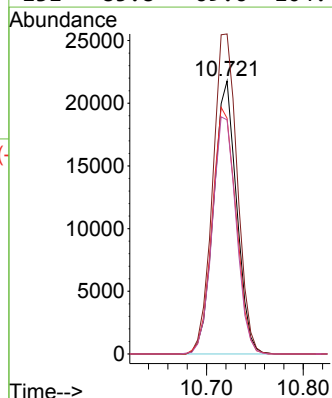
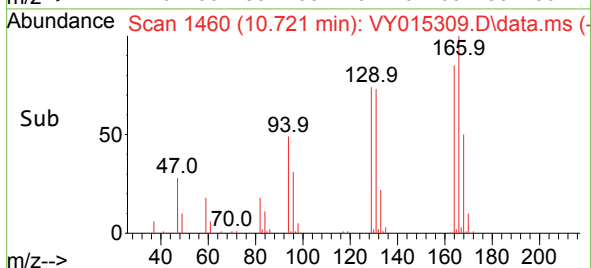
Tgt Ion:117 Resp: 243858
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 32.8 26.3 39.5

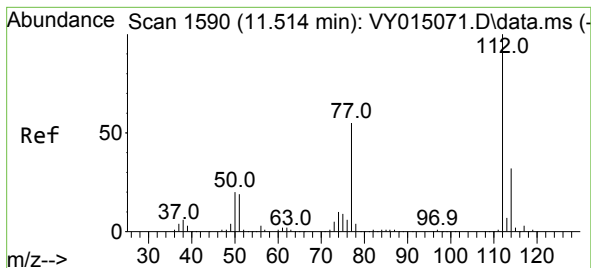


#64
Tetrachloroethene
Concen: 21.148 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59



Tgt Ion:164 Resp: 35930
Ion Ratio Lower Upper
164 100
166 117.2 103.0 154.6
129 86.4 77.2 115.8
131 85.8 69.6 104.4

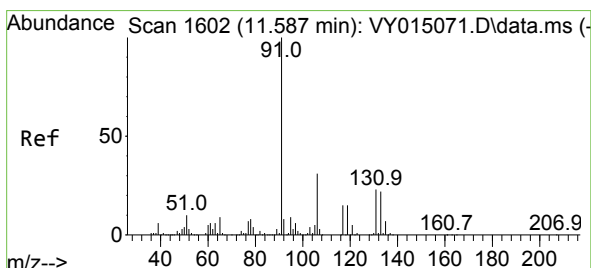
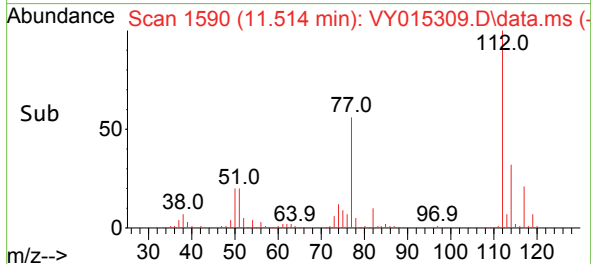
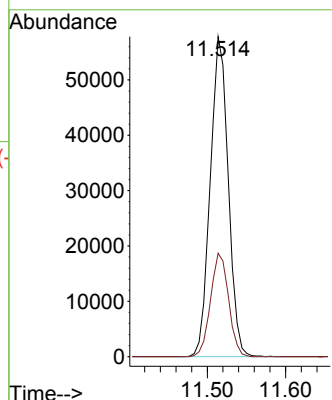
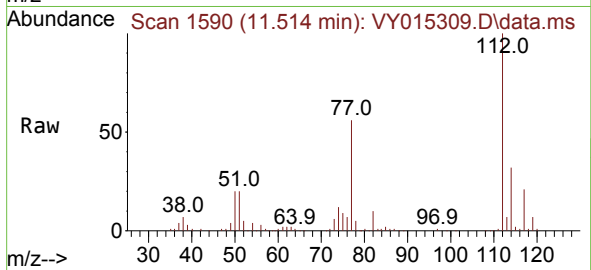




#65
Chlorobenzene
Concen: 20.727 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

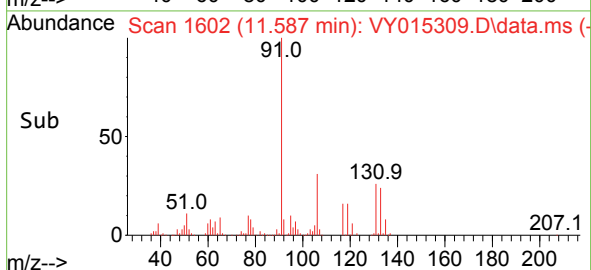
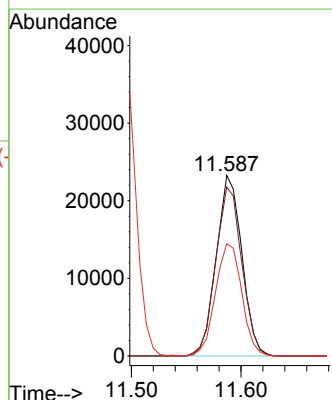
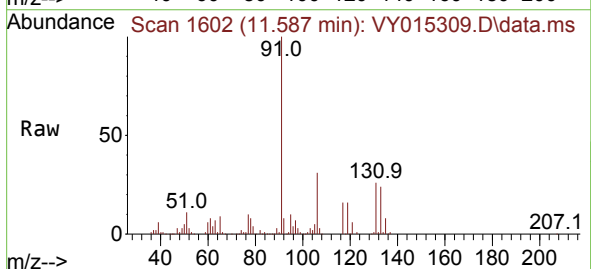
Instrument :
MSVOA_Y
ClientSampleId :

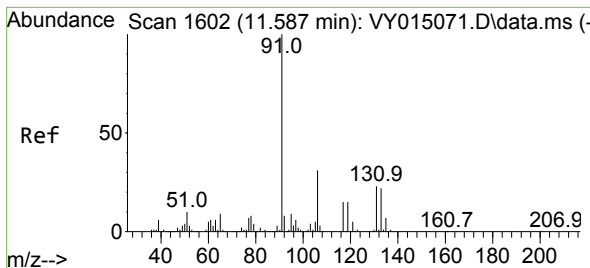
Tgt Ion:112 Resp: 92092
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.981 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion:131 Resp: 37825
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 20.031 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

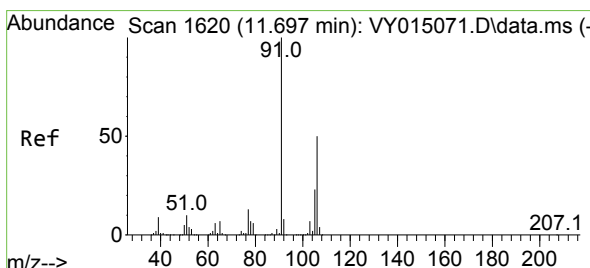
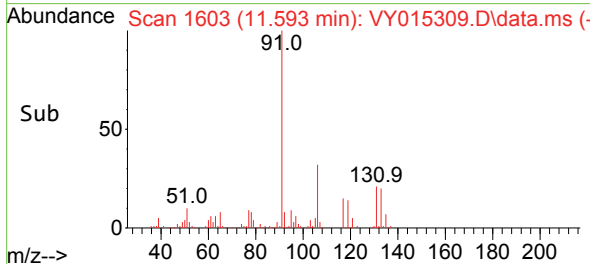
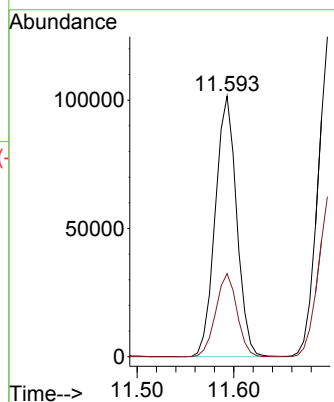
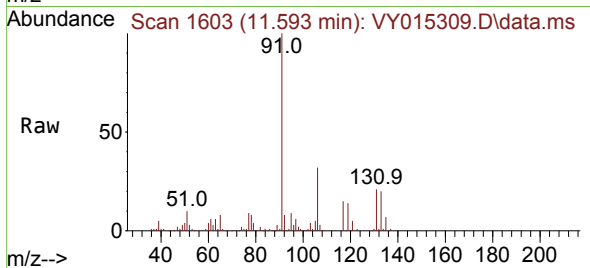
ClientSampleId :

Tgt Ion: 91 Resp: 155940

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 40.193 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015309.D

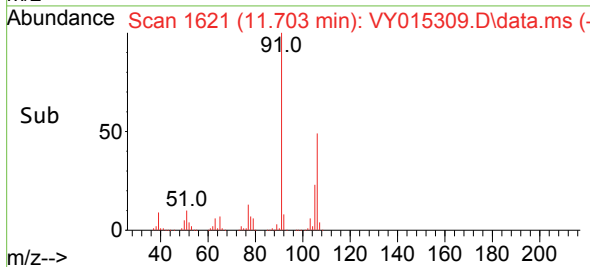
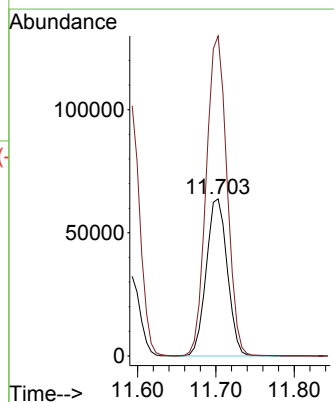
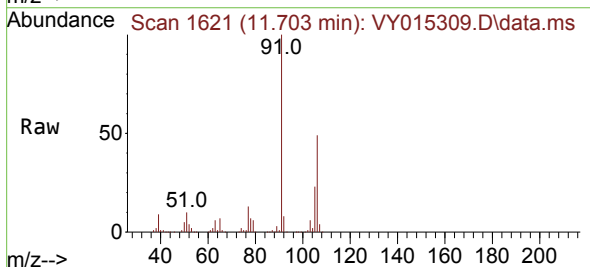
Acq: 24 Aug 2023 13:59

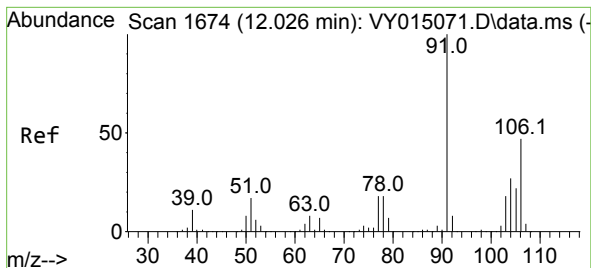
Tgt Ion:106 Resp: 118837

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1





#69

o-Xylene

Concen: 20.536 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

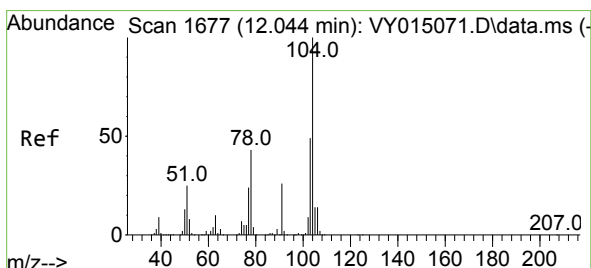
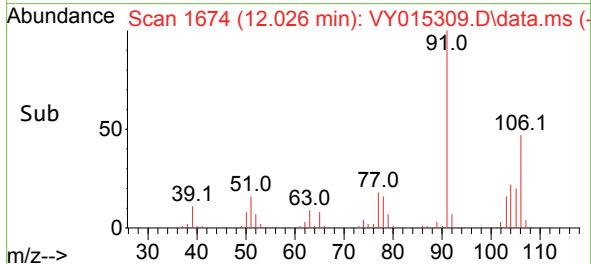
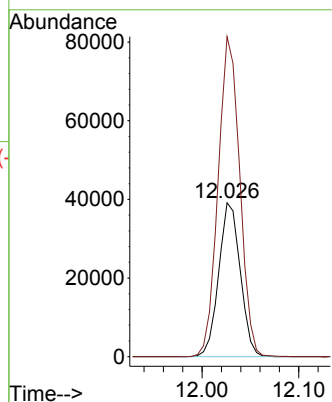
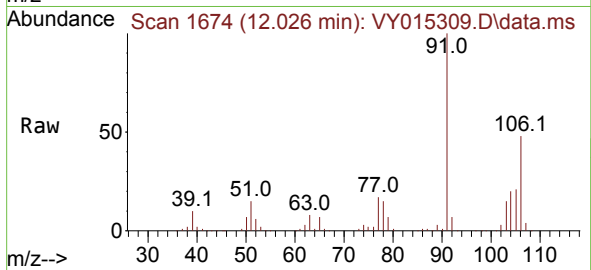
ClientSampleId :

Tgt Ion:106 Resp: 60488

Ion Ratio Lower Upper

106 100

91 209.4 108.1 324.3



#70

Styrene

Concen: 20.406 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

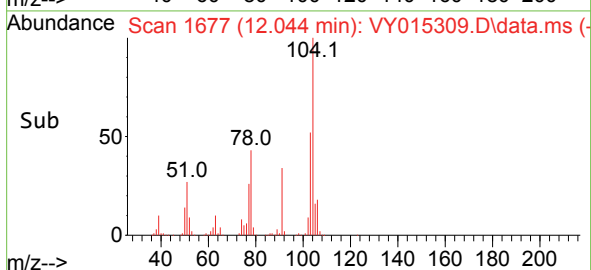
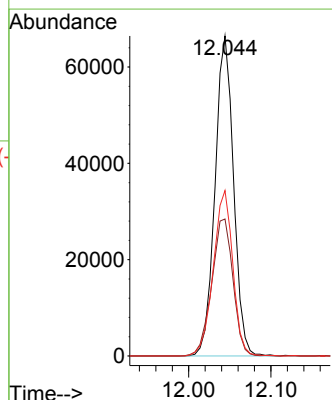
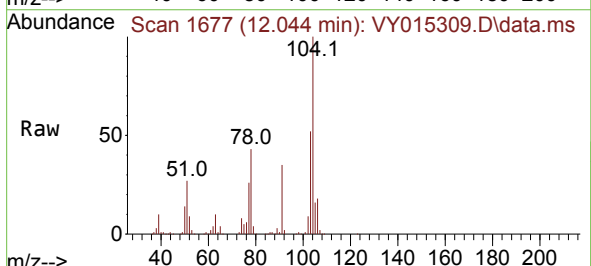
Tgt Ion:104 Resp: 104023

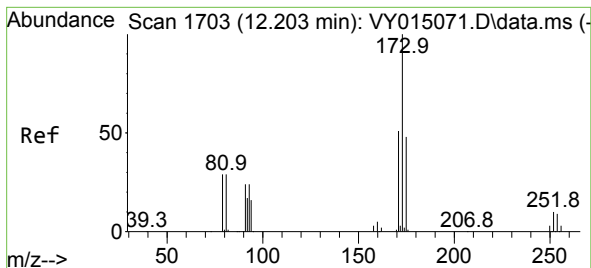
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.451 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

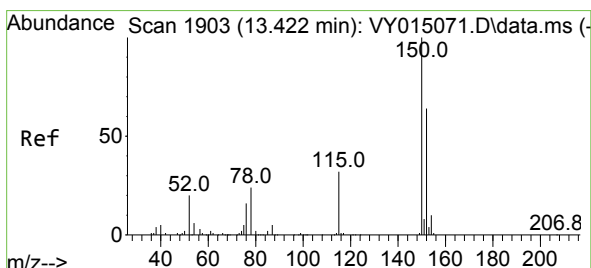
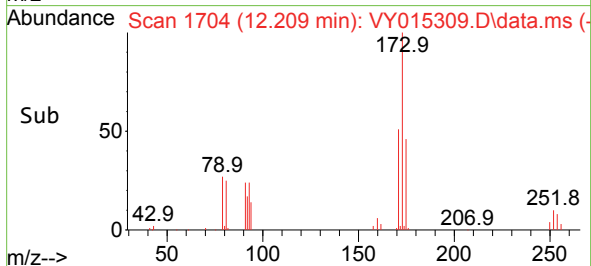
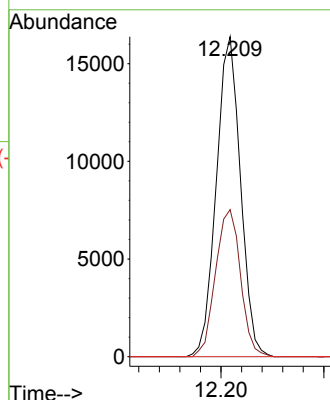
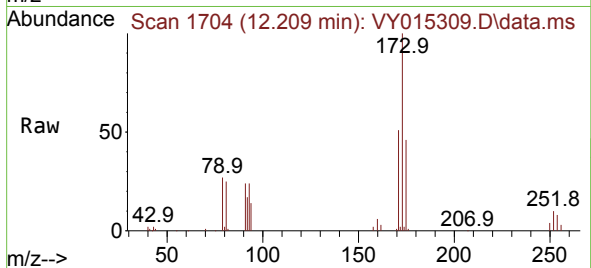
Tgt Ion:173 Resp: 26727

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

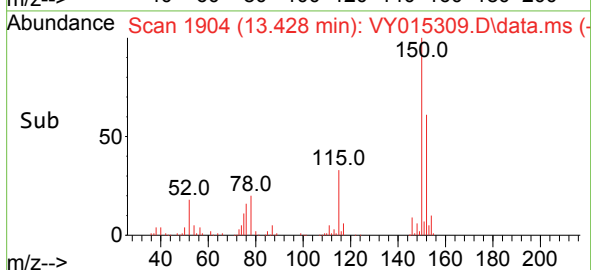
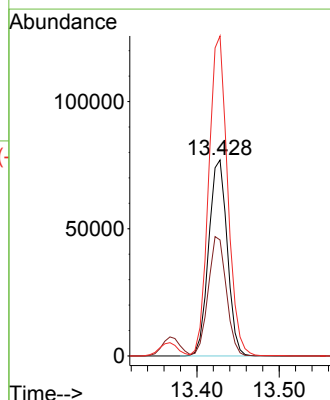
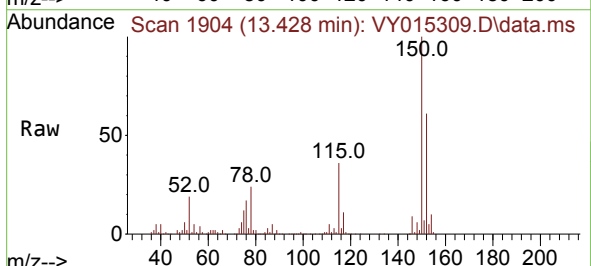
Tgt Ion:152 Resp: 120726

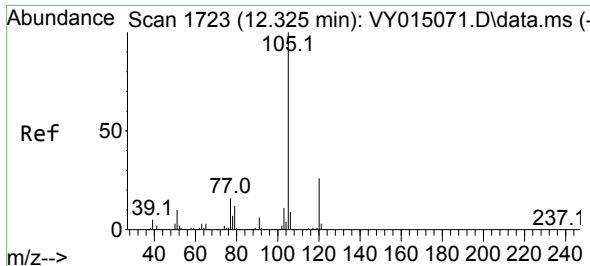
Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 165.9 0.0 348.8

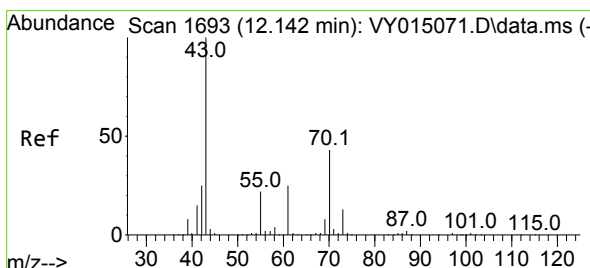
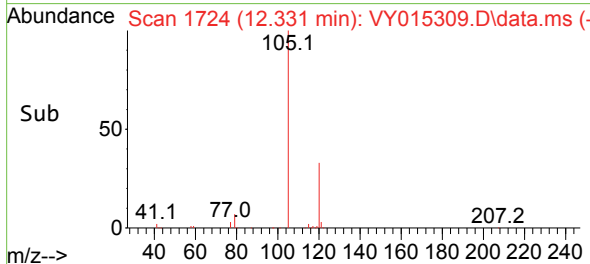
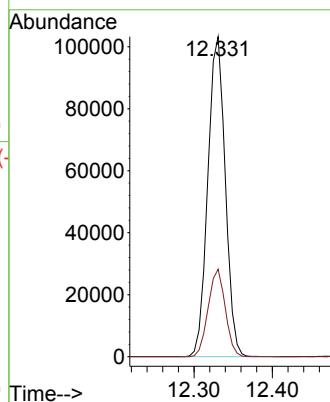
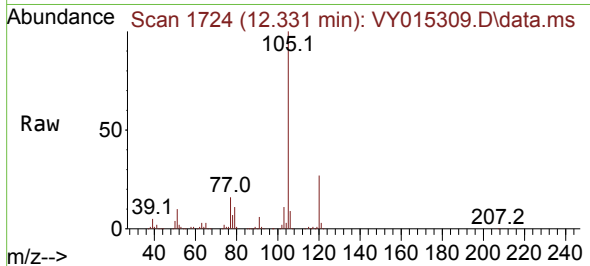




#73
Isopropylbenzene
Concen: 20.517 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

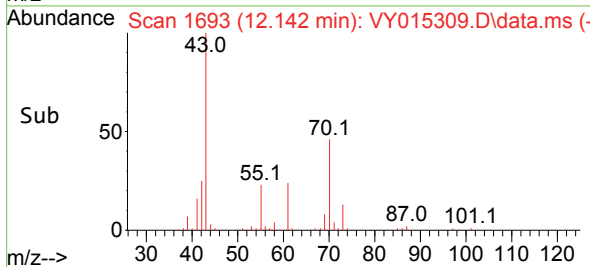
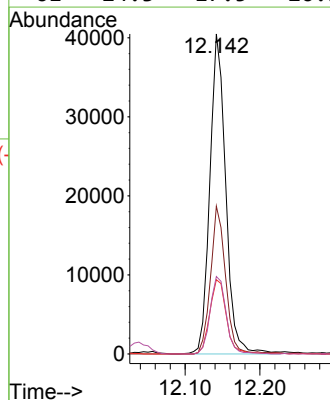
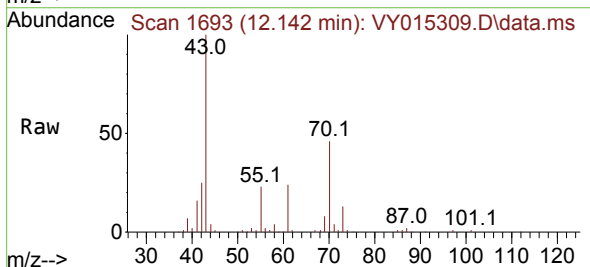
Instrument :
MSVOA_Y
ClientSampleId :

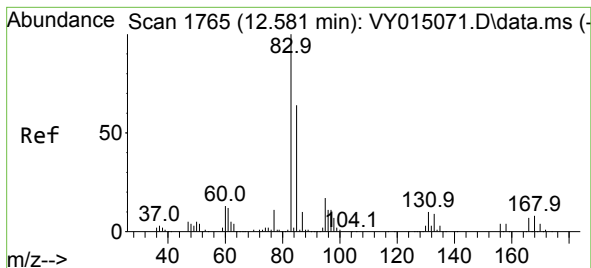
Tgt Ion:105 Resp: 159276
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 21.384 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion: 43 Resp: 59937
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 24.2 18.3 27.5
61 24.3 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 22.710 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015309.D

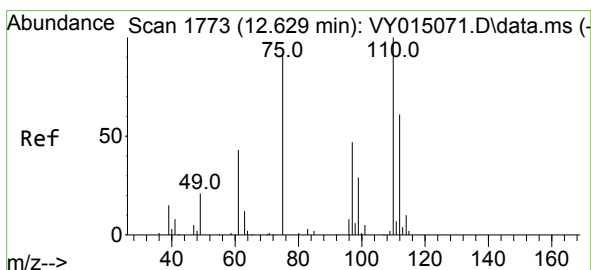
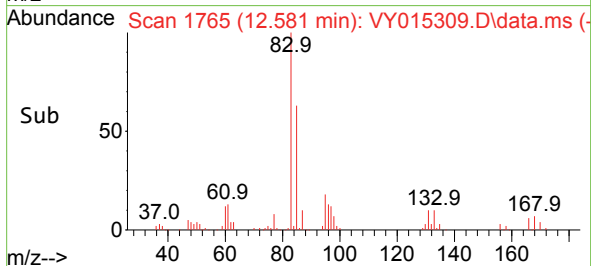
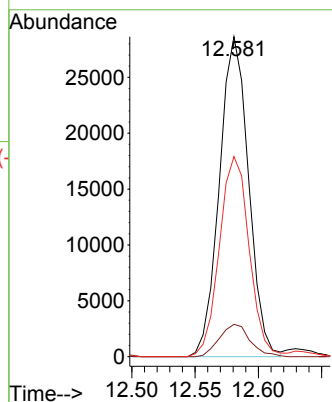
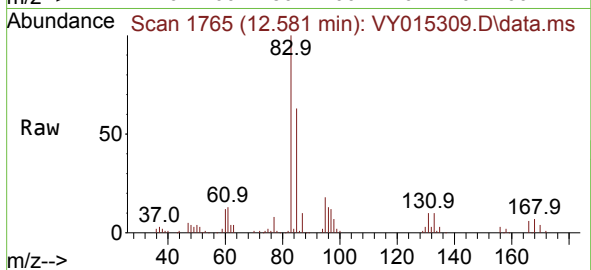
Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	45916
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	63.9	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 39.002 ug/l

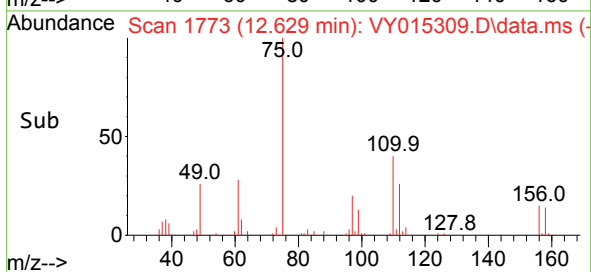
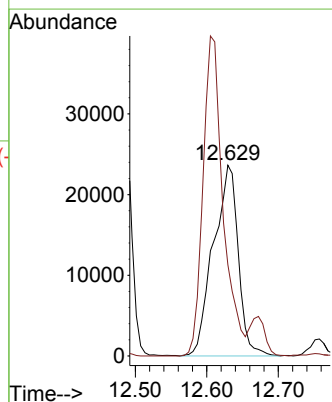
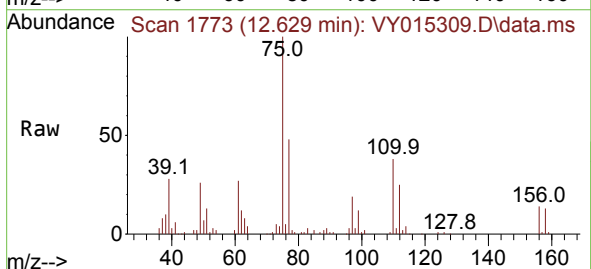
RT: 12.629 min Scan# 1773

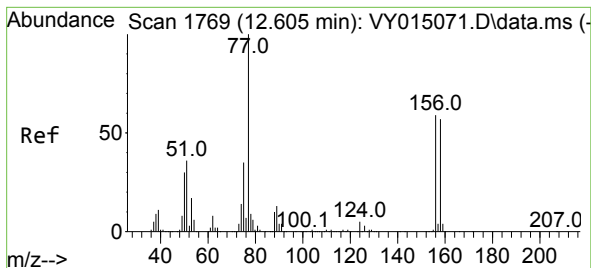
Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Tgt Ion:	75	Resp:	57206
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.147 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015309.D

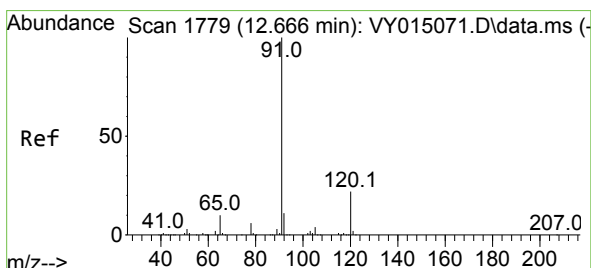
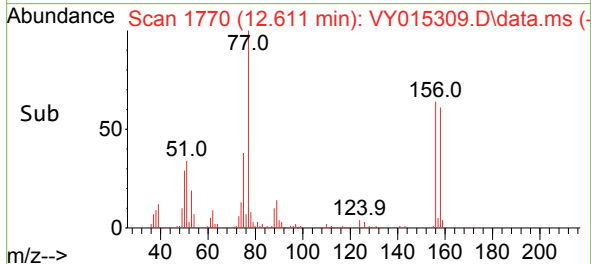
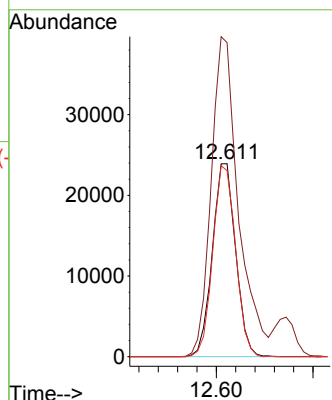
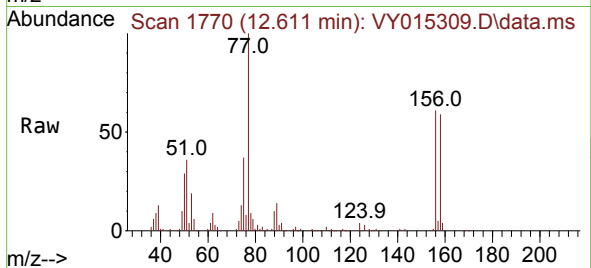
Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	40016
Ion Ratio	Lower	Upper	
156	100		
77	193.6	92.8	278.6
158	96.8	48.4	145.3



#78

n-propylbenzene

Concen: 20.667 ug/l

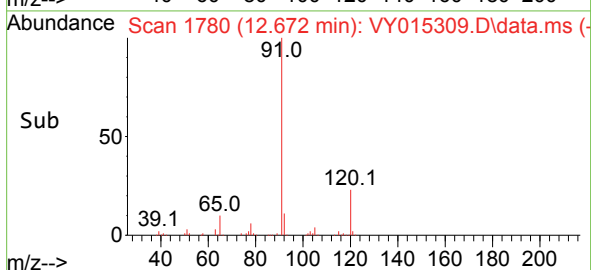
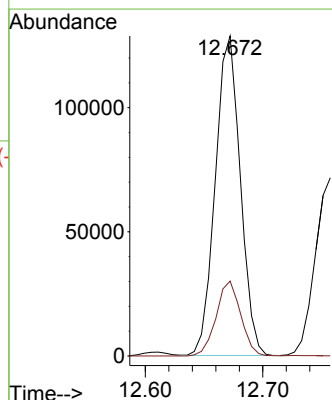
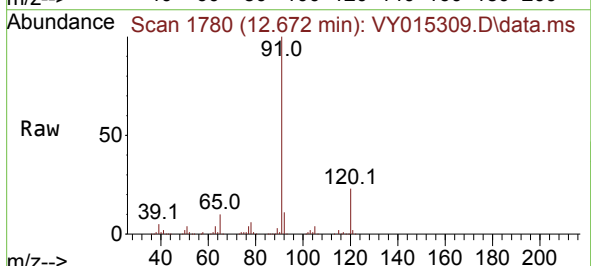
RT: 12.672 min Scan# 1780

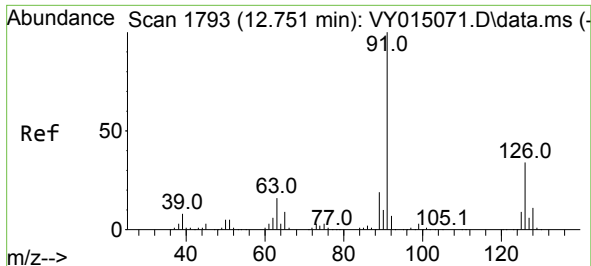
Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

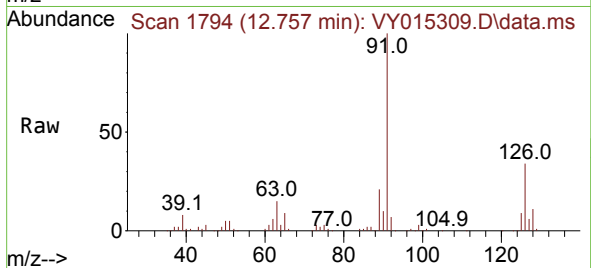
Tgt Ion:	91	Resp:	190522
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4



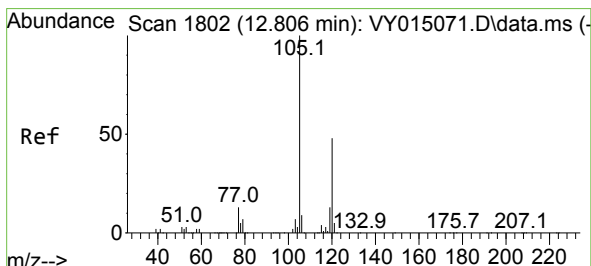
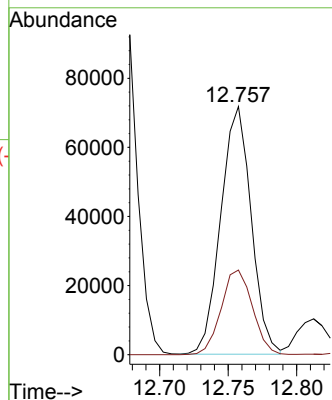
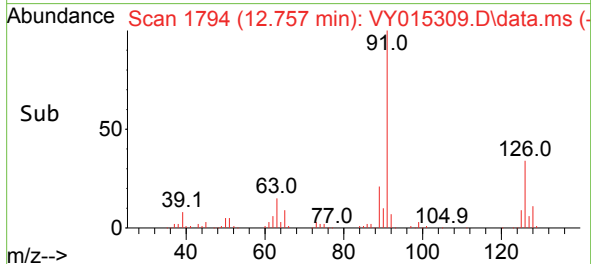


#79
2-Chlorotoluene
Concen: 20.867 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

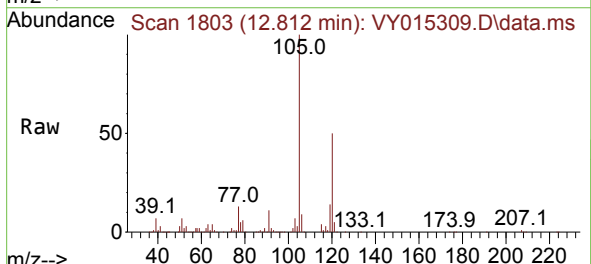
Instrument :
MSVOA_Y
ClientSampleId :



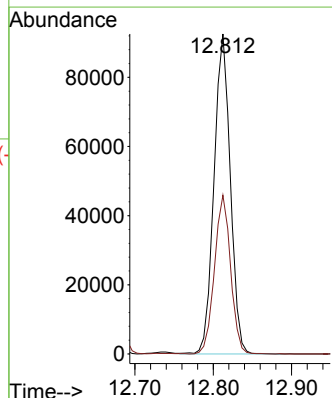
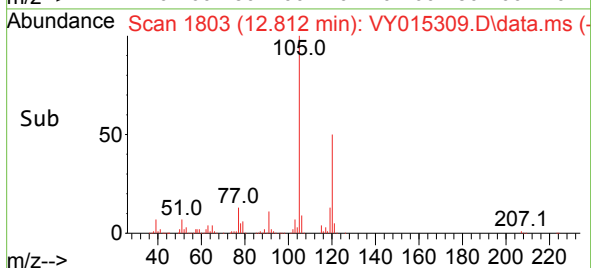
Tgt Ion: 91 Resp: 110970
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

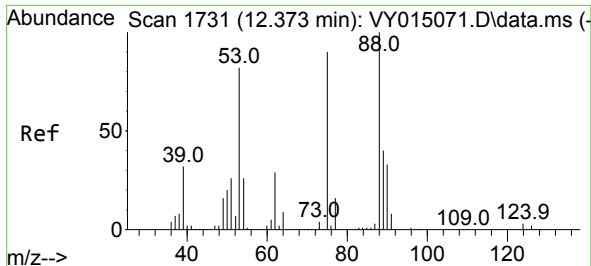


#80
1,3,5-Trimethylbenzene
Concen: 20.652 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59



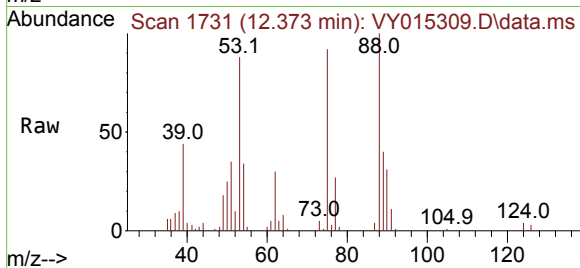
Tgt Ion: 105 Resp: 133641
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7



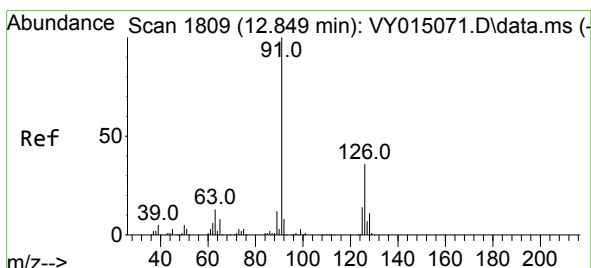
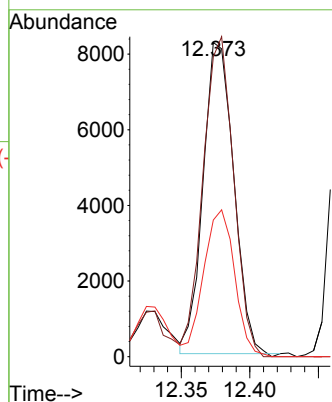
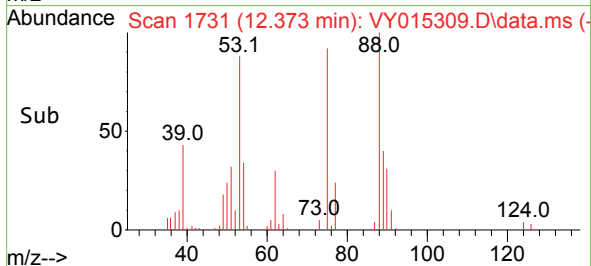


#81
trans-1,4-Dichloro-2-butene
Concen: 19.100 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :

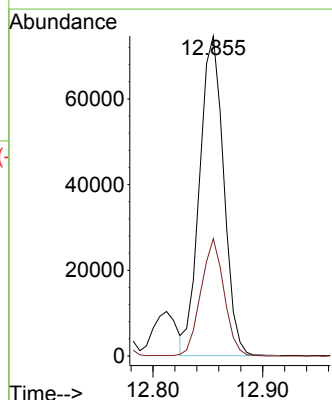
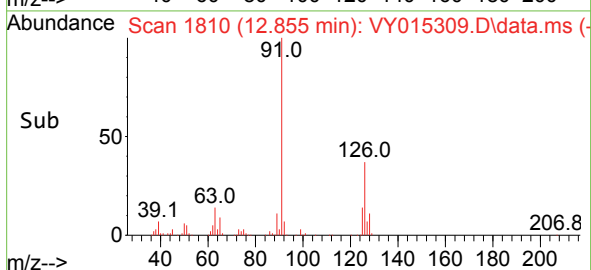
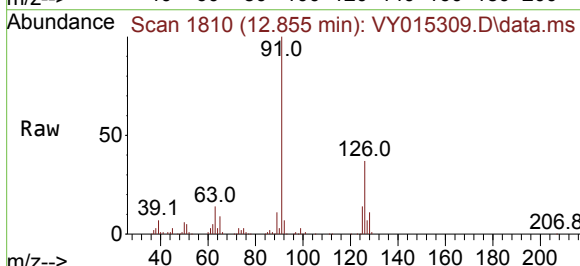


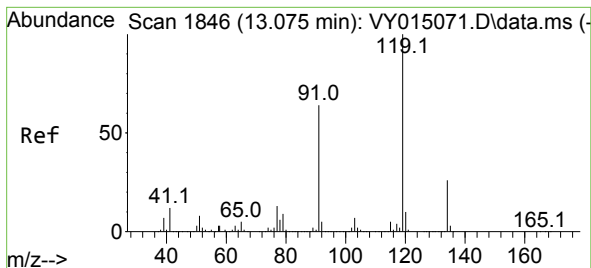
Tgt Ion:	75	Resp:	12754
Ion	Ratio	Lower	Upper
75	100		
53	102.9	77.8	116.8
89	48.2	37.4	56.0



#82
4-Chlorotoluene
Concen: 20.715 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

Tgt Ion:	91	Resp:	113812
Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.2	51.6





#83

tert-Butylbenzene

Concen: 20.067 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

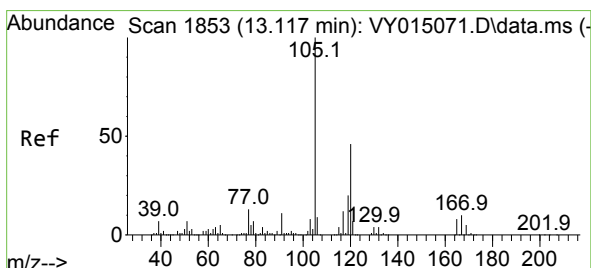
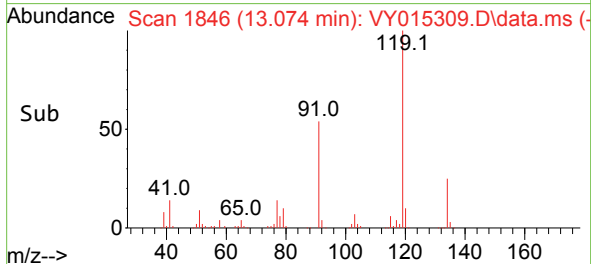
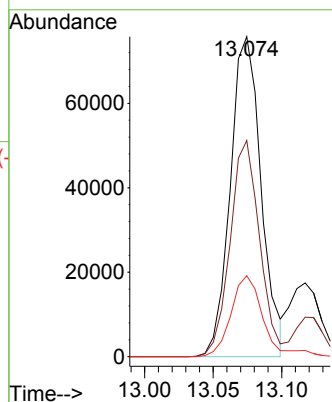
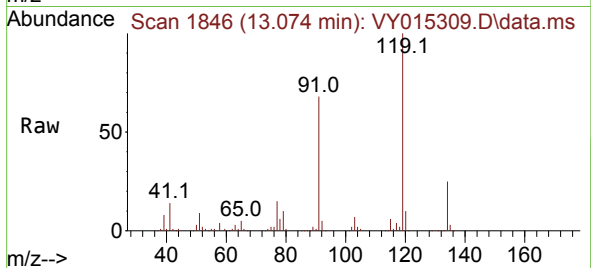
Tgt Ion:119 Resp: 118777

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.856 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015309.D

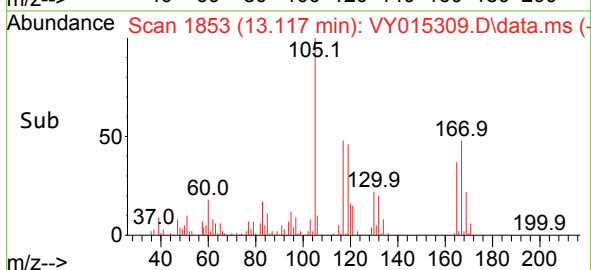
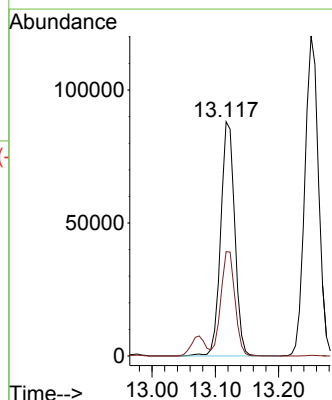
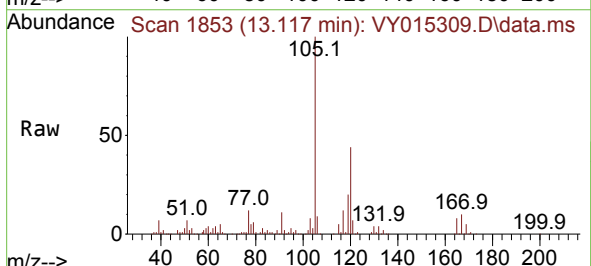
Acq: 24 Aug 2023 13:59

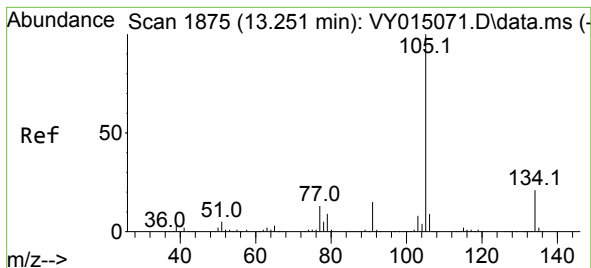
Tgt Ion:105 Resp: 134862

Ion Ratio Lower Upper

105 100

120 44.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.777 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

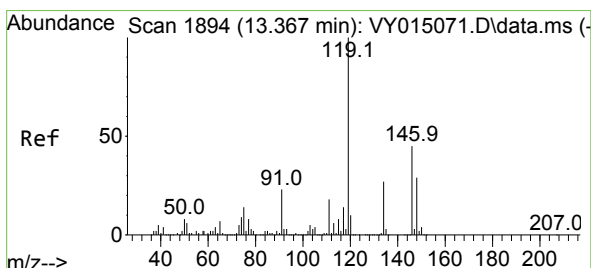
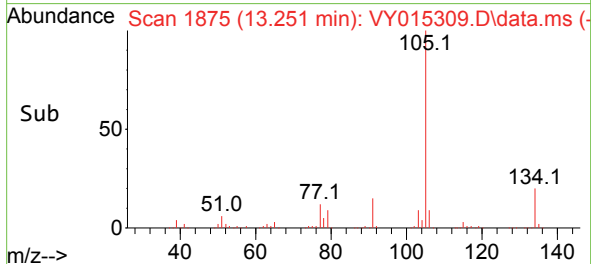
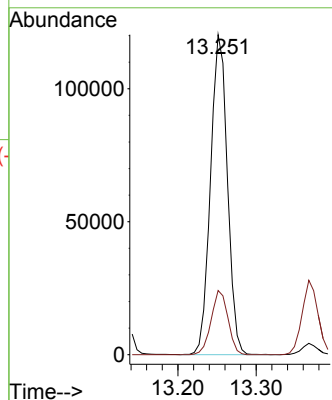
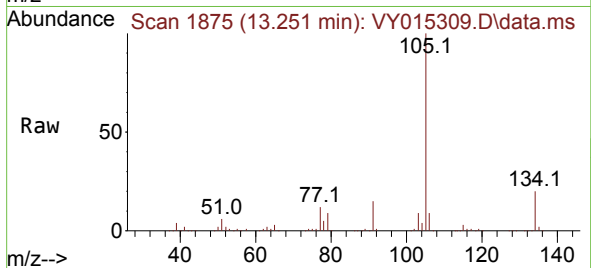
ClientSampleId :

Tgt Ion:105 Resp: 180187

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.636 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

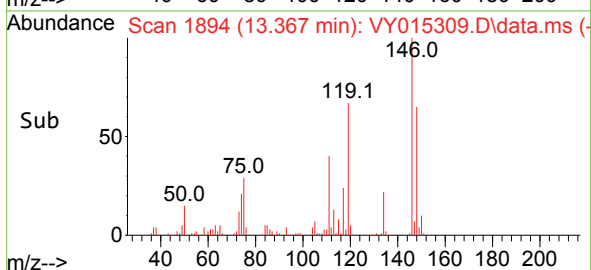
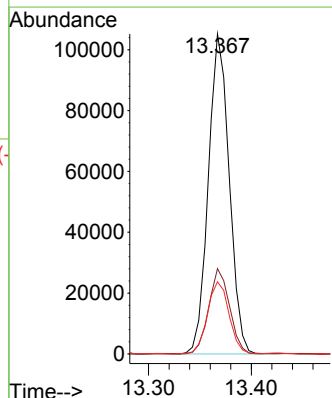
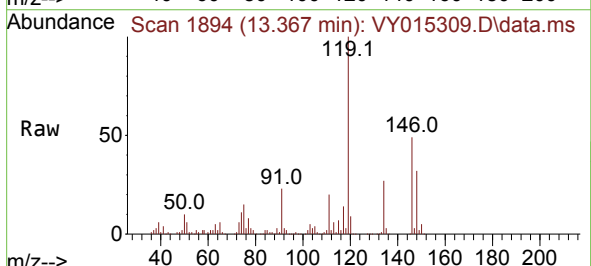
Tgt Ion:119 Resp: 148379

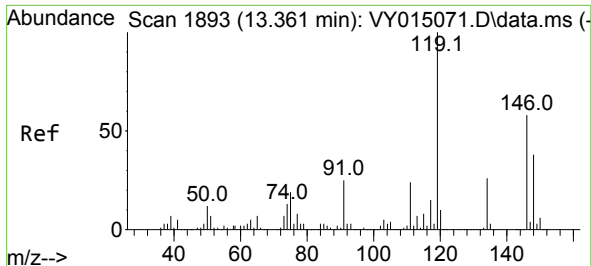
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.067 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

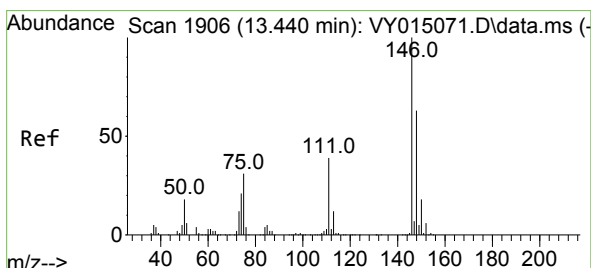
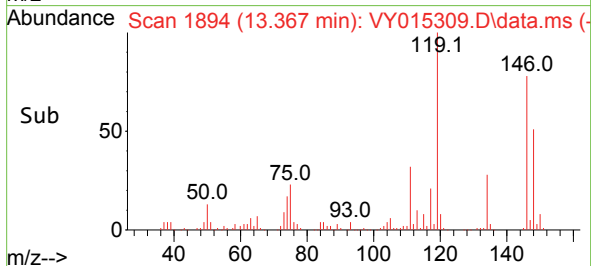
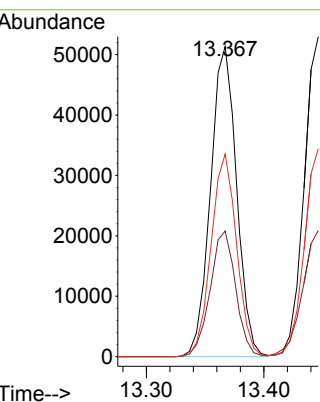
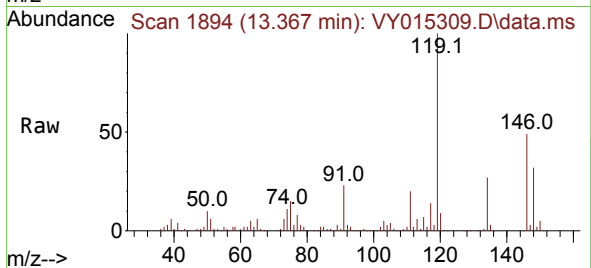
Tgt Ion:146 Resp: 79071

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.238 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

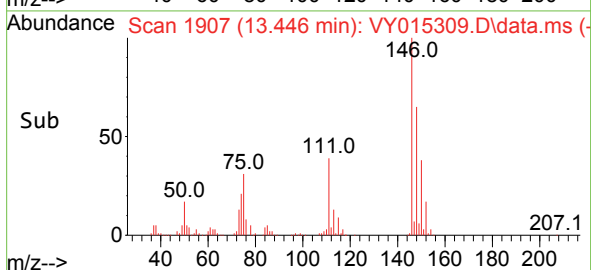
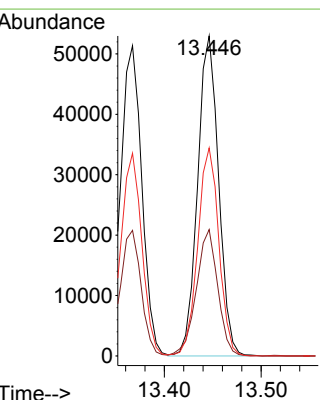
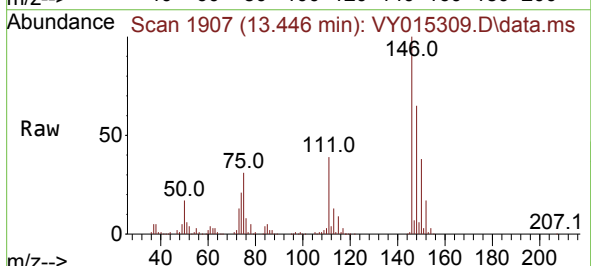
Tgt Ion:146 Resp: 79950

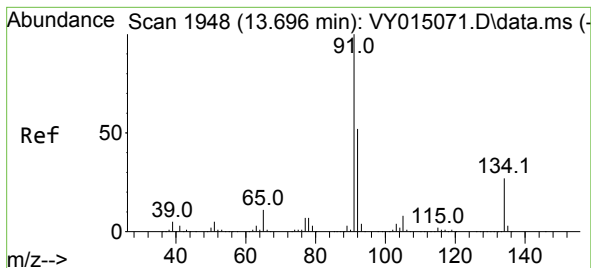
Ion Ratio Lower Upper

146 100

111 40.6 18.9 56.7

148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.526 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015309.D

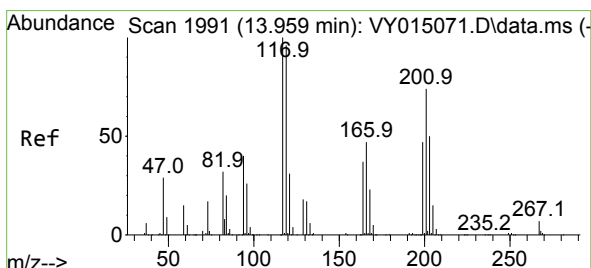
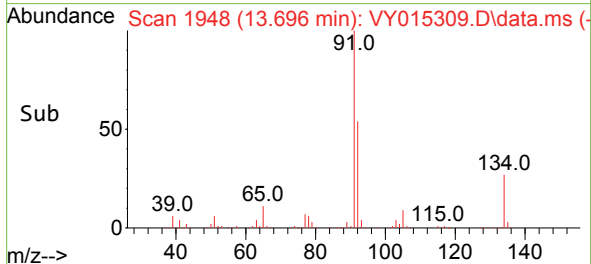
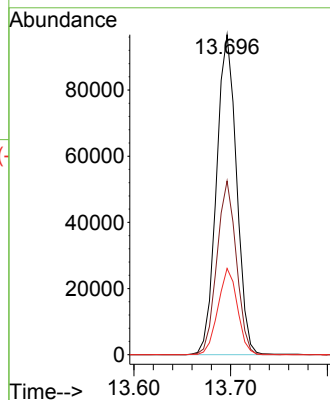
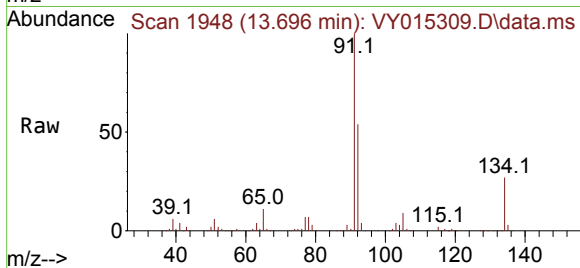
Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	139156
Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.4	76.0
134	26.2	12.6	37.6



#90

Hexachloroethane

Concen: 19.579 ug/l

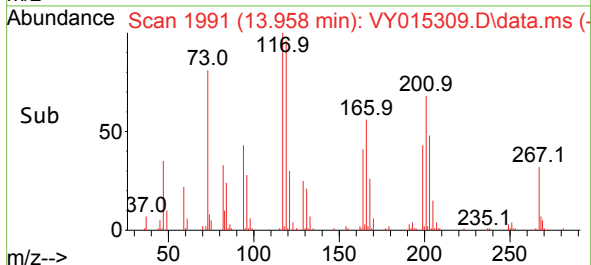
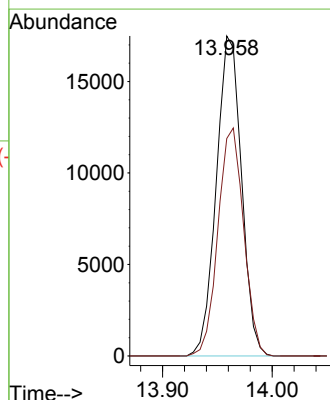
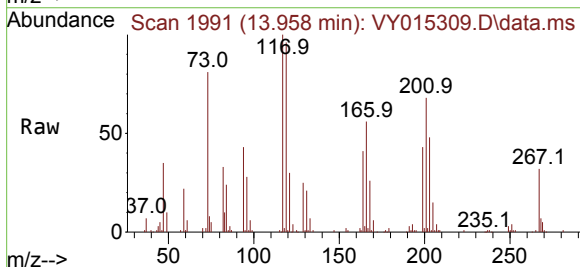
RT: 13.958 min Scan# 1991

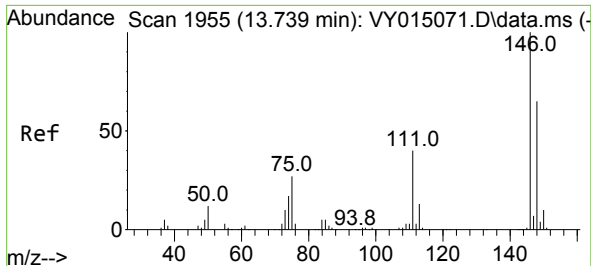
Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

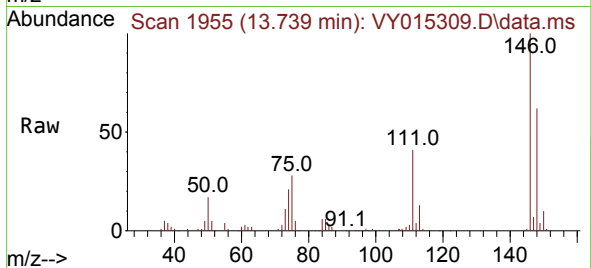
Tgt Ion:	117	Resp:	27928
Ion	Ratio	Lower	Upper
117	100		
201	72.7	41.6	124.8



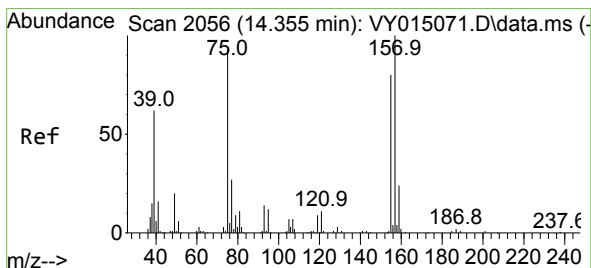
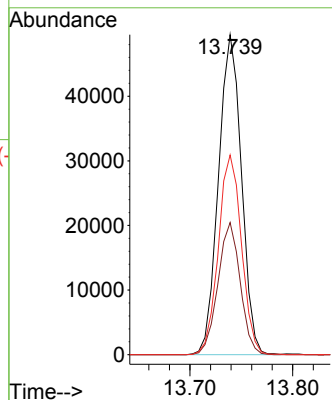
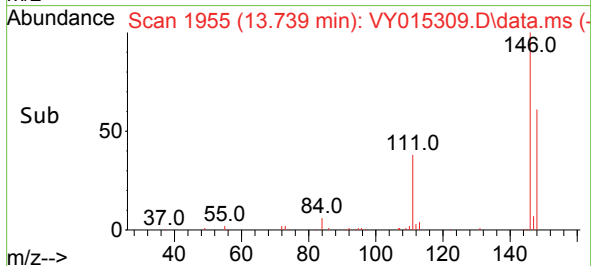


#91
1,2-Dichlorobenzene
Concen: 21.895 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59

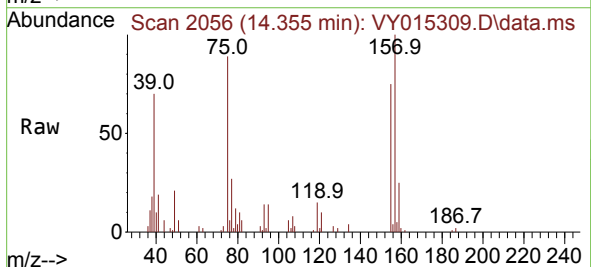
Instrument :
MSVOA_Y
ClientSampleId :



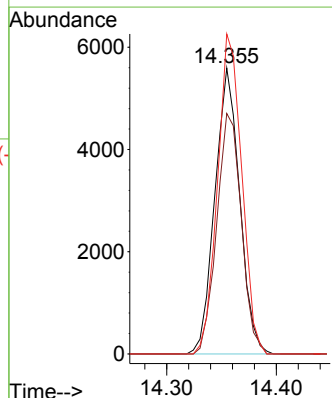
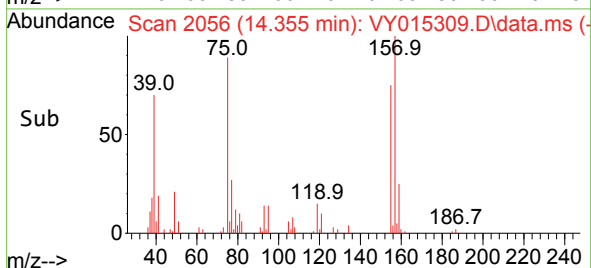
Tgt Ion:146 Resp: 76769
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.0
148 62.9 32.0 96.2

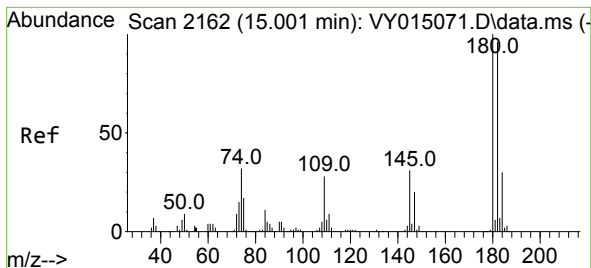


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.404 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015309.D
Acq: 24 Aug 2023 13:59



Tgt Ion: 75 Resp: 8775
Ion Ratio Lower Upper
75 100
155 83.5 41.5 124.6
157 109.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.047 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

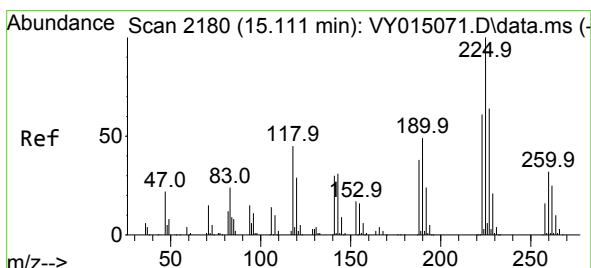
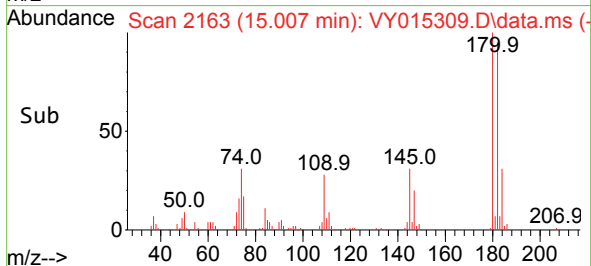
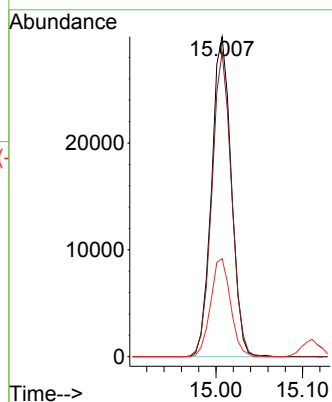
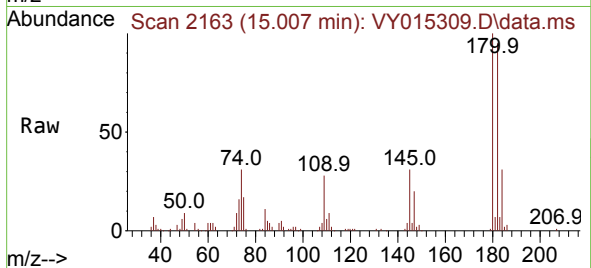
Tgt Ion:180 Resp: 47376

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.175 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

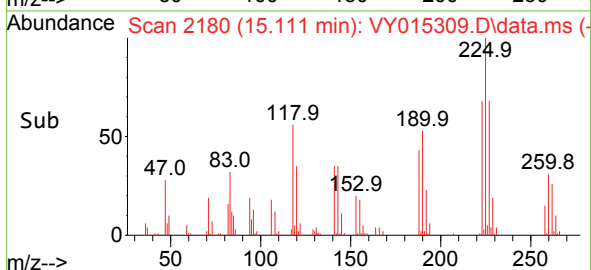
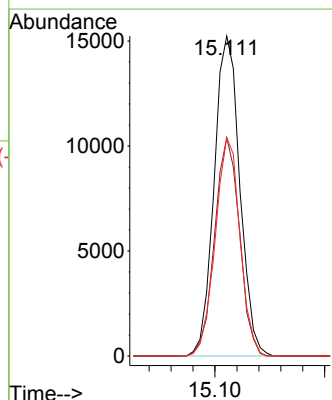
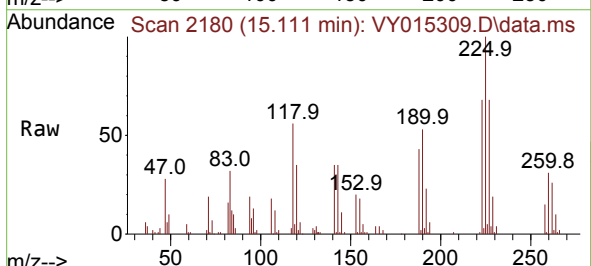
Tgt Ion:225 Resp: 24702

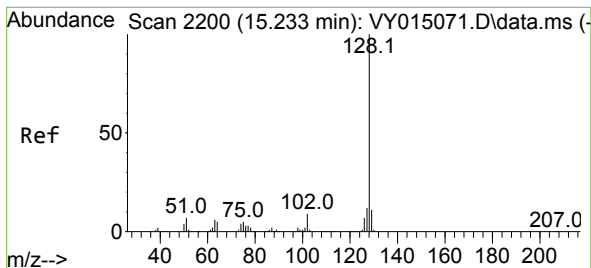
Ion Ratio Lower Upper

225 100

223 66.2 31.9 95.9

227 65.8 33.0 98.9





#95

Naphthalene

Concen: 20.895 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

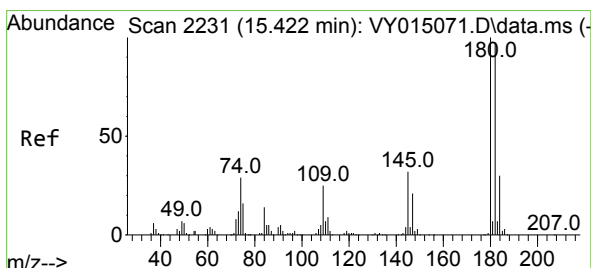
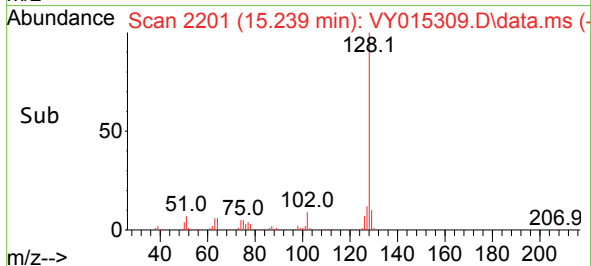
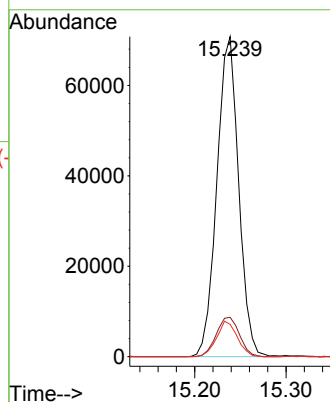
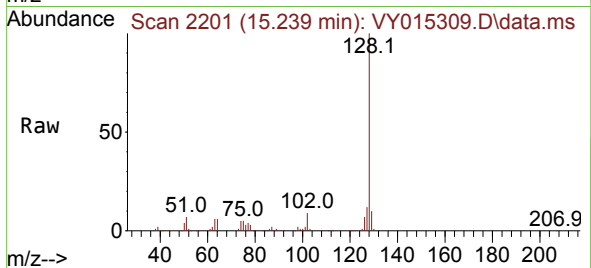
Tgt Ion:128 Resp: 117163

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.709 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015309.D

Acq: 24 Aug 2023 13:59

Tgt Ion:180 Resp: 44131

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.7 15.4 46.2

