

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015305.D
 Acq On : 24 Aug 2023 00:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 24 02:41:02 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	142706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91250	53.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.540%	
35) Dibromofluoromethane	7.715	113	80818	52.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.178	98	291146	50.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	12.477	95	104234	49.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	27957	45.271	ug/l	95
3) Chloromethane	2.107	50	41340	48.383	ug/l	98
4) Vinyl Chloride	2.247	62	51684	45.514	ug/l	97
5) Bromomethane	2.637	94	47012	60.950	ug/l	95
6) Chloroethane	2.789	64	41865	50.779	ug/l	97
7) Trichlorofluoromethane	3.119	101	94174	49.218	ug/l	99
8) Diethyl Ether	3.527	74	40874	54.468	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	59118	49.713	ug/l	96
10) Methyl Iodide	4.088	142	50819	43.520	ug/l	98
11) Tert butyl alcohol	4.960	59	64149	225.889	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	47905	48.242	ug/l	92
13) Acrolein	3.728	56	13580	89.254	ug/l	99
14) Allyl chloride	4.478	41	87263	49.565	ug/l	98
15) Acrylonitrile	5.155	53	148193	291.405	ug/l	99
16) Acetone	3.948	43	122319	218.572	ug/l	94
17) Carbon Disulfide	4.192	76	74605	42.691	ug/l	99
18) Methyl Acetate	4.478	43	118302	57.686	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	229603	54.379	ug/l	99
20) Methylene Chloride	4.716	84	83773	63.610	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	56689	50.611	ug/l	99
22) Diisopropyl ether	6.118	45	246264	56.057	ug/l	93
23) Vinyl Acetate	6.057	43	701364	267.562	ug/l	96
24) 1,1-Dichloroethane	6.015	63	128408	53.990	ug/l	98
25) 2-Butanone	6.984	43	214528	270.741	ug/l	96
26) 2,2-Dichloropropane	6.978	77	100805	43.966	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	82807	54.120	ug/l	94
28) Bromochloromethane	7.331	49	55760	51.030	ug/l	96
29) Tetrahydrofuran	7.350	42	135609	286.219	ug/l	93
30) Chloroform	7.502	83	146666	55.009	ug/l	94
31) Cyclohexane	7.789	56	77309	50.553	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	118337	52.158	ug/l	99
36) 1,1-Dichloropropene	7.910	75	84627	49.606	ug/l	99
37) Ethyl Acetate	7.069	43	88396	55.588	ug/l	97
38) Carbon Tetrachloride	7.898	117	99272	49.168	ug/l	95
39) Methylcyclohexane	9.185	83	89257	46.671	ug/l	93
40) Benzene	8.154	78	272264	52.787	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	126286	154.011	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	101360	54.111	ug/l	95
43) Isopropyl Acetate	8.270	43	157231	54.296	ug/l	99
44) Trichloroethene	8.941	130	76644	51.579	ug/l	96
45) 1,2-Dichloropropane	9.215	63	79240	54.482	ug/l	97
46) Dibromomethane	9.307	93	50093	54.609	ug/l	96
47) Bromodichloromethane	9.496	83	121141	55.342	ug/l	96
48) Methyl methacrylate	9.288	41	71411	57.647	ug/l	94
49) 1,4-Dioxane	9.294	88	19046	1038.319	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	489335	291.566	ug/l	95
52) Toluene	10.239	92	175224	51.543	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	114433	49.744	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	125022	51.604	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	76739	55.018	ug/l	99
56) Ethyl methacrylate	10.508	69	111356	54.553	ug/l	92
57) 1,3-Dichloropropane	10.788	76	125170	54.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	203826	214.564	ug/l	95
59) 2-Hexanone	10.831	43	347621	279.861	ug/l	93
60) Dibromochloromethane	10.983	129	90081	54.142	ug/l	99
61) 1,2-Dibromoethane	11.087	107	69263	52.274	ug/l	99
64) Tetrachloroethene	10.721	164	86059	56.228	ug/l	96
65) Chlorobenzene	11.514	112	204982	51.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	85936	52.913	ug/l	99
67) Ethyl Benzene	11.593	91	354612	50.565	ug/l	99
68) m/p-Xylenes	11.703	106	268140	100.670	ug/l	96
69) o-Xylene	12.026	106	134294	50.612	ug/l	99
70) Styrene	12.044	104	241429	52.571	ug/l	96
71) Bromoform	12.209	173	61432	52.179	ug/l #	99
73) Isopropylbenzene	12.330	105	363074	50.304	ug/l	100
74) N-amyl acetate	12.141	43	137124	52.620	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.580	83	103153	54.874	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	130828	95.937	ug/l #	100
77) Bromobenzene	12.605	156	91167	51.819	ug/l	97
78) n-propylbenzene	12.672	91	436869	50.971	ug/l	100
79) 2-Chlorotoluene	12.757	91	253784	51.328	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	305860	50.837	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	29095	46.863	ug/l	98
82) 4-Chlorotoluene	12.855	91	261829	51.257	ug/l	99
83) tert-Butylbenzene	13.074	119	281035	51.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	307925	51.219	ug/l	99
85) sec-Butylbenzene	13.251	105	413575	51.292	ug/l	100
86) p-Isopropyltoluene	13.367	119	338536	50.641	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	181276	51.949	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	181879	51.966	ug/l	99
89) n-Butylbenzene	13.696	91	315223	50.011	ug/l	98
90) Hexachloroethane	13.958	117	66093	49.836	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	174342	53.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	19691	54.074	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	105668	50.491	ug/l	99
94) Hexachlorobutadiene	15.110	225	54871	48.201	ug/l	98
95) Naphthalene	15.232	128	273149	52.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	98341	52.031	ug/l	98

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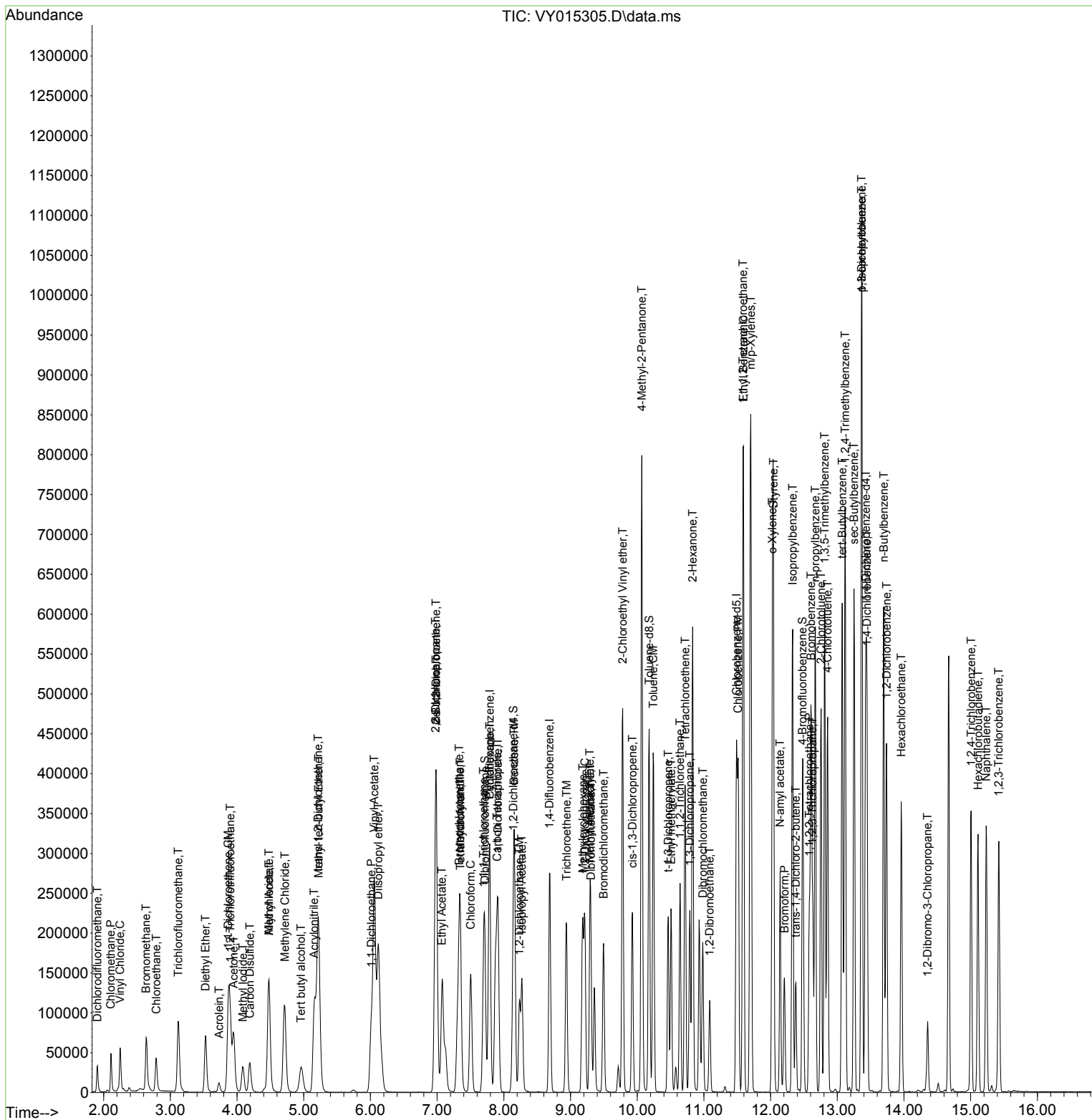
Instrument :
MSVOA_Y
ClientSampleId :

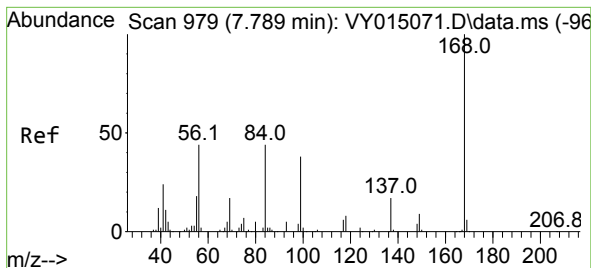
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY015305.D

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Instrument :

MSVOA_Y

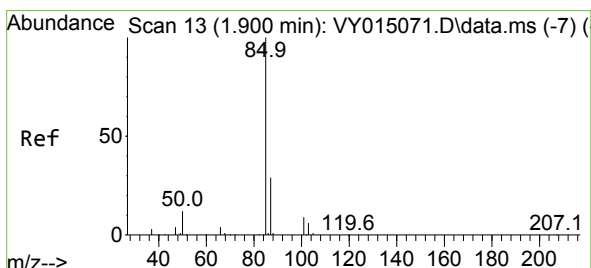
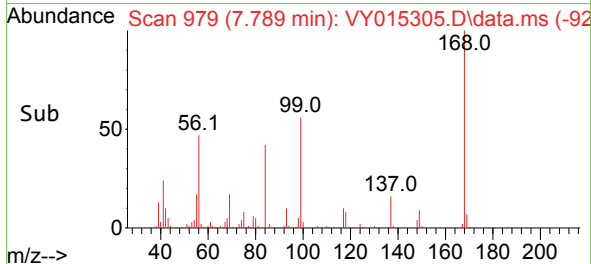
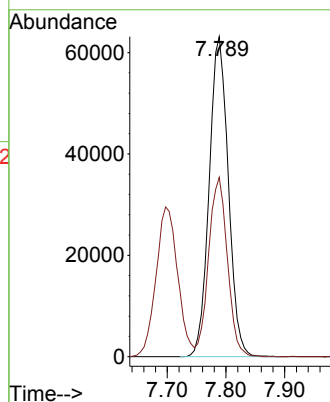
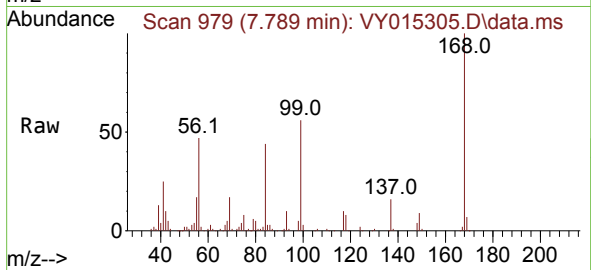
ClientSampleId :

Tgt Ion:168 Resp: 142706

Ion Ratio Lower Upper

168 100

99 56.0 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 45.271 ug/l

RT: 1.905 min Scan# 14

Delta R.T. 0.005 min

Lab File: VY015305.D

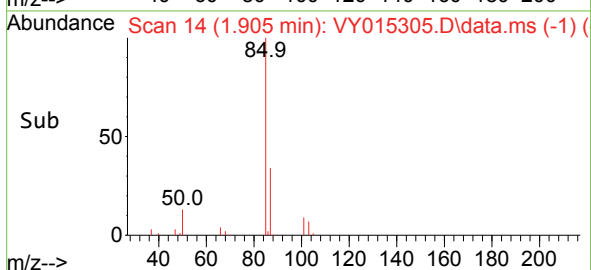
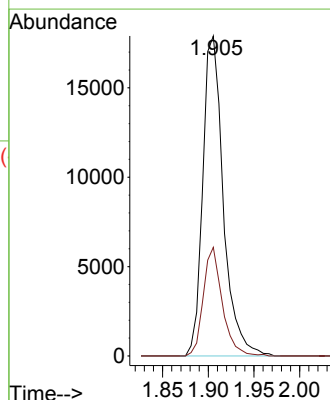
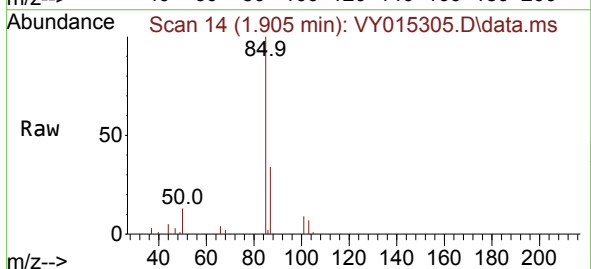
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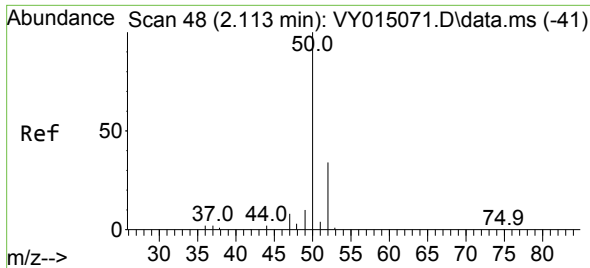
Tgt Ion: 85 Resp: 27957

Ion Ratio Lower Upper

85 100

87 34.0 15.6 46.8

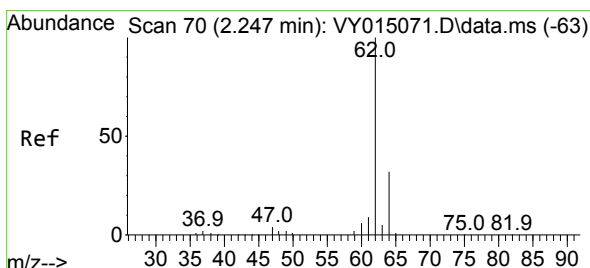
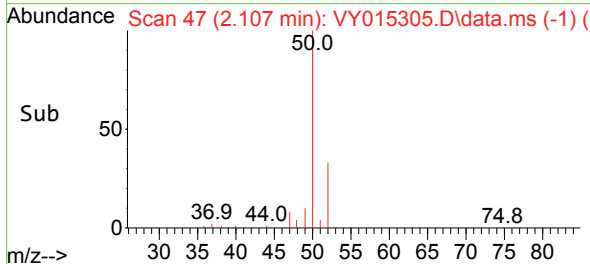
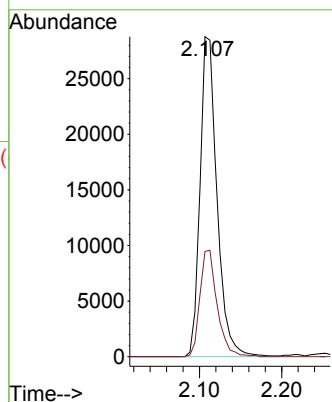
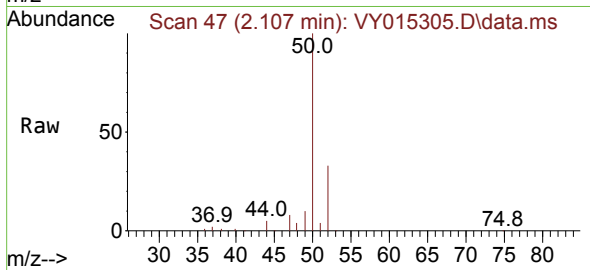




#3
Chloromethane
Concen: 48.383 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015305.D
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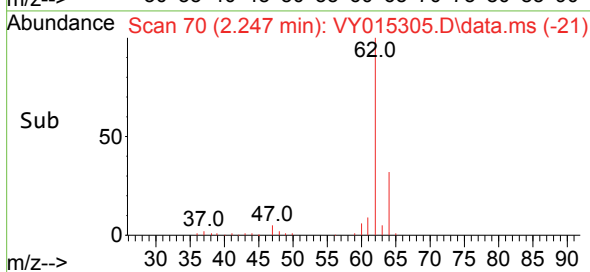
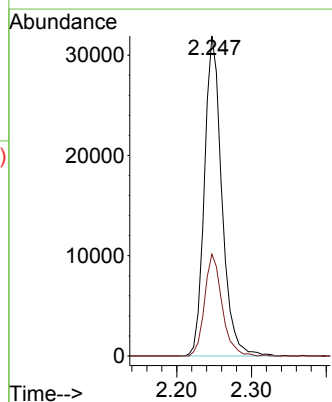
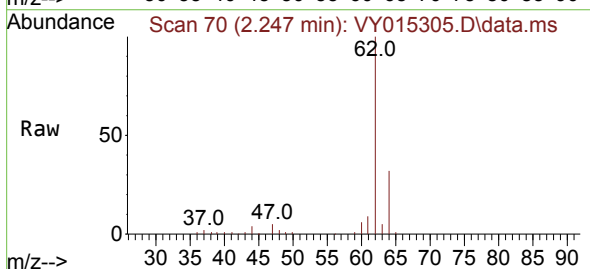
Instrument :
MSVOA_Y
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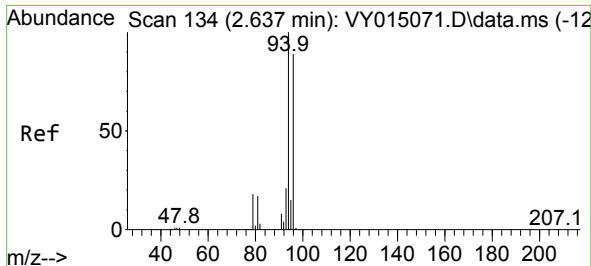
Tgt Ion: 50 Resp: 41340
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 45.514 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

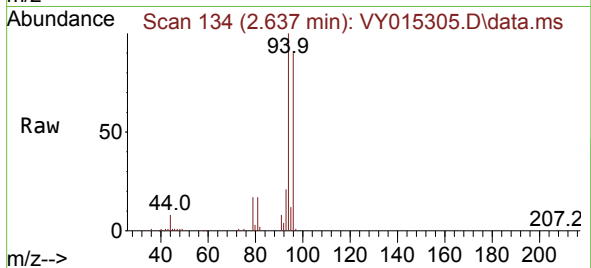
Tgt Ion: 62 Resp: 51684
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5



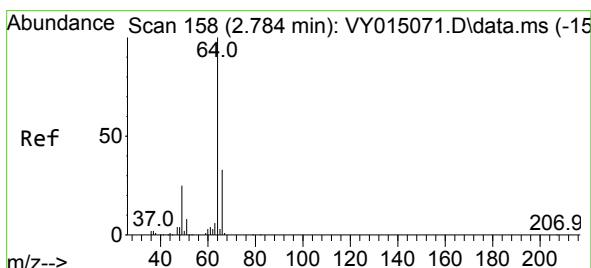
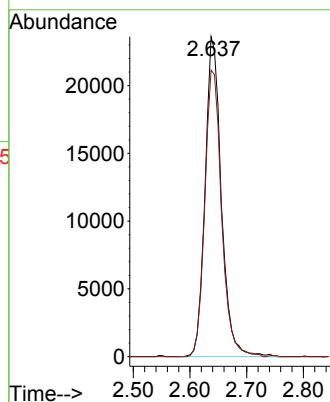
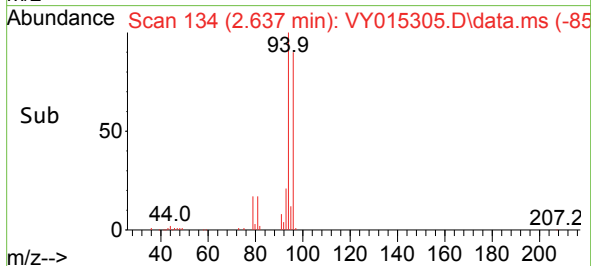


#5
Bromomethane
Concen: 60.950 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

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MSVOA_Y
ClientSampleId :

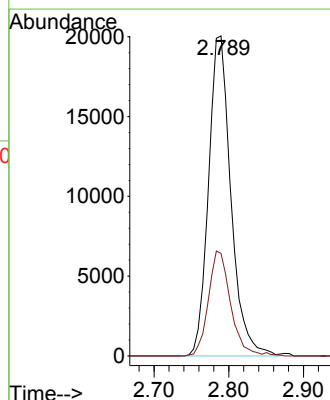
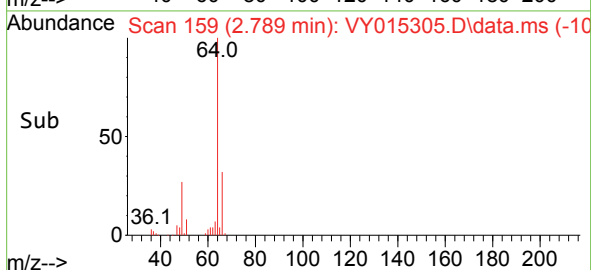
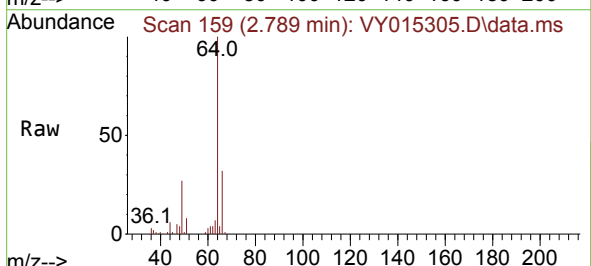


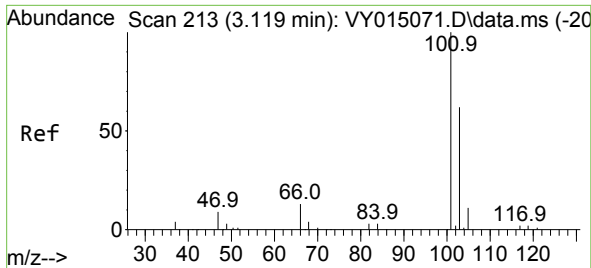
Tgt Ion: 94 Resp: 47012
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6



#6
Chloroethane
Concen: 50.779 ug/l
RT: 2.789 min Scan# 159
Delta R.T. 0.005 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 64 Resp: 41865
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

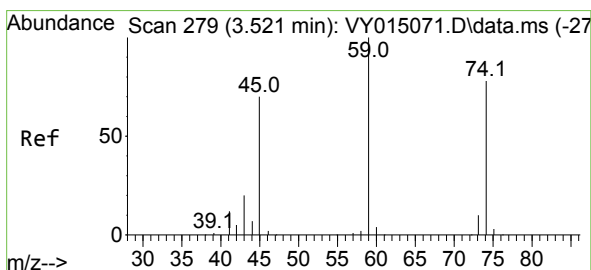
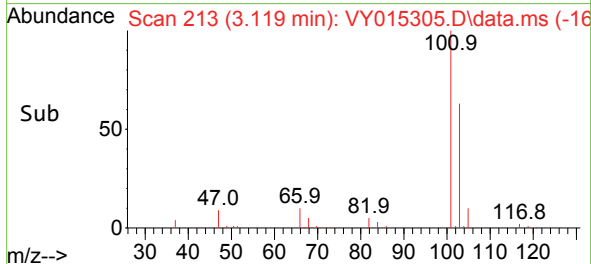
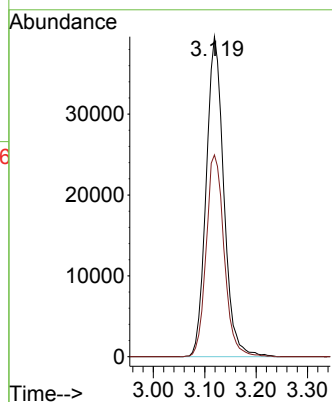
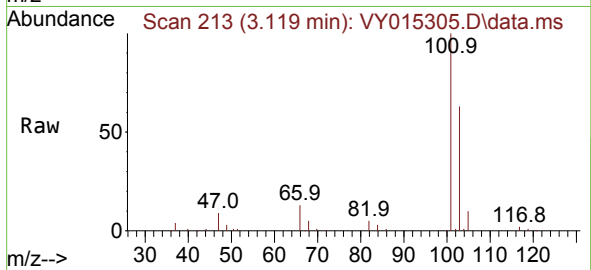




#7
 Trichlorofluoromethane
 Concen: 49.218 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015305.D
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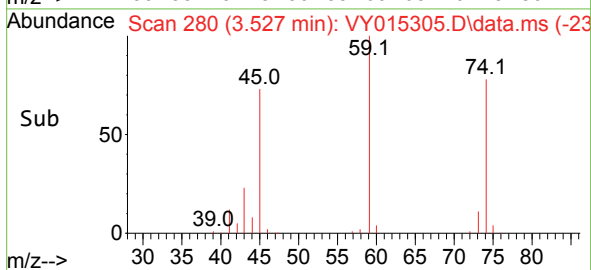
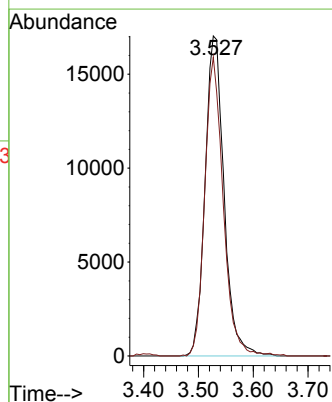
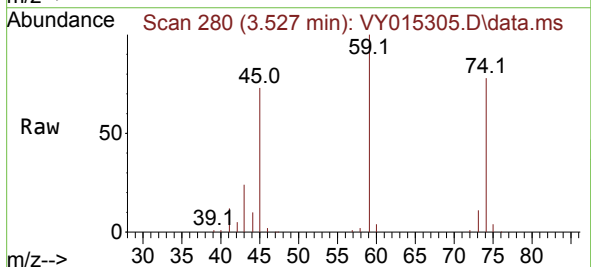
Instrument :
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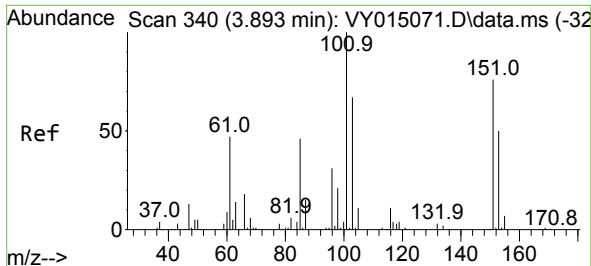
Tgt Ion:101 Resp: 94174
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.468 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015305.D
 Acq: 24 Aug 2023 00:48

Tgt Ion: 74 Resp: 40874
 Ion Ratio Lower Upper
 74 100
 45 91.1 51.5 154.5

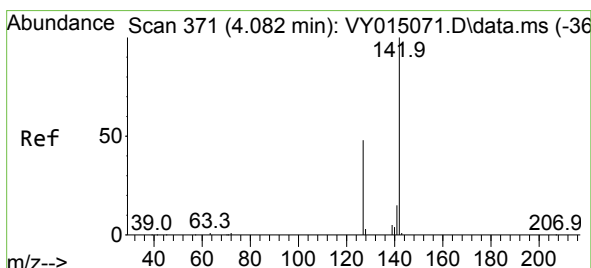
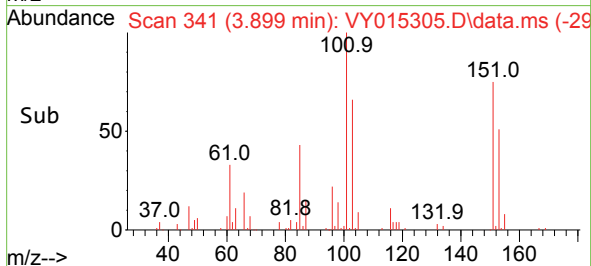
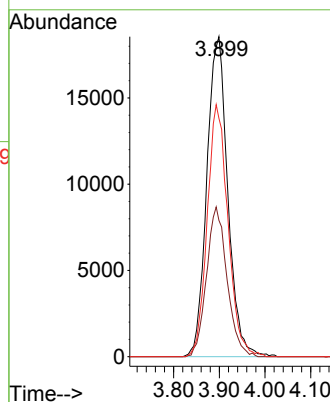
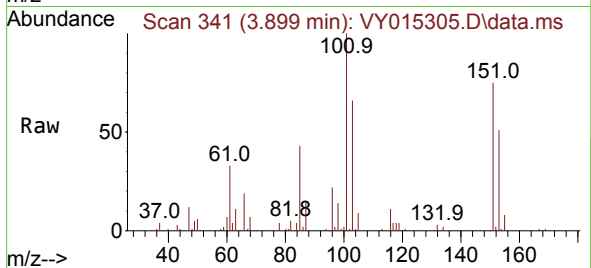




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.713 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY015305.D
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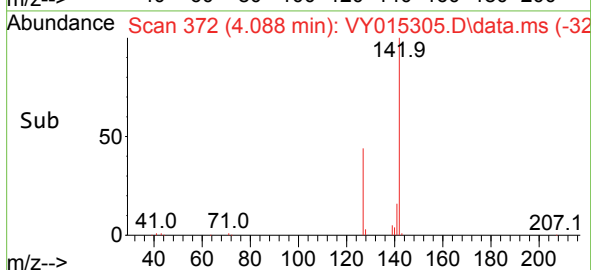
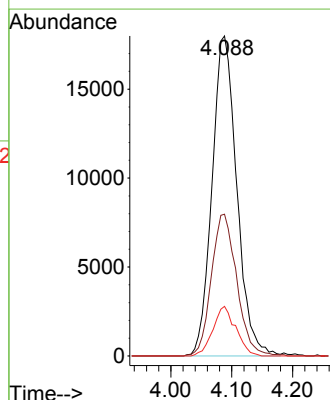
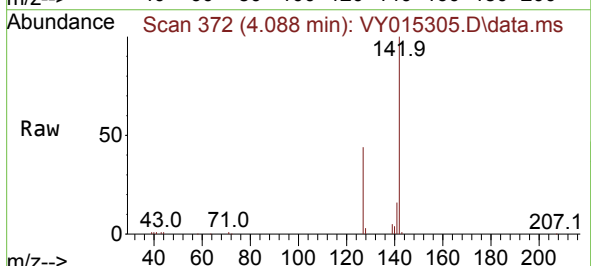
Instrument :
MSVOA_Y
ClientSampleId :

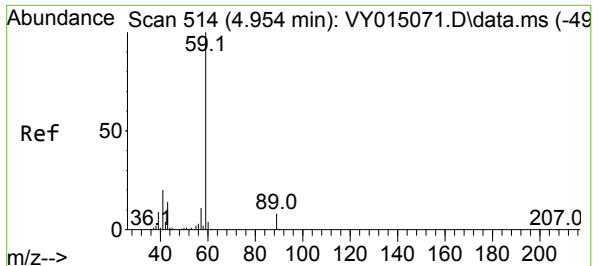
Tgt Ion:101 Resp: 59118
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 78.0 67.0 100.6



#10
Methyl Iodide
Concen: 43.520 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

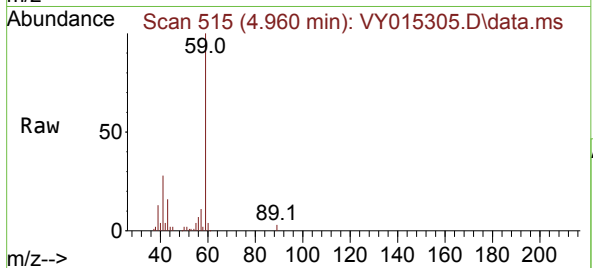
Tgt Ion:142 Resp: 50819
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.3 11.8 17.8



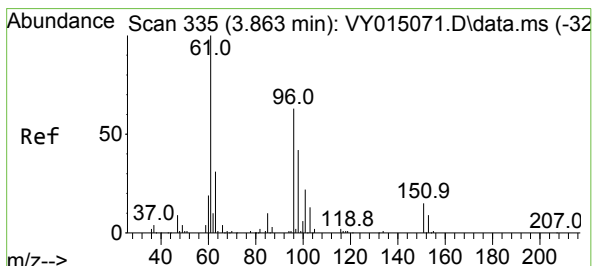
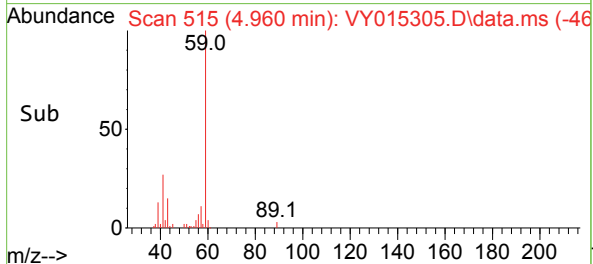
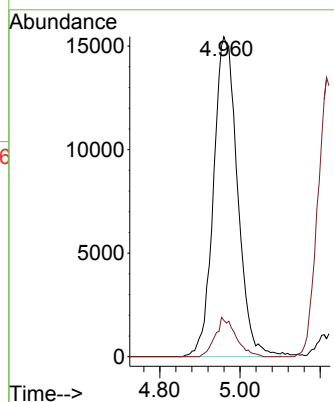


#11
Tert butyl alcohol
Concen: 225.889 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Instrument :
MSVOA_Y
ClientSampleId :

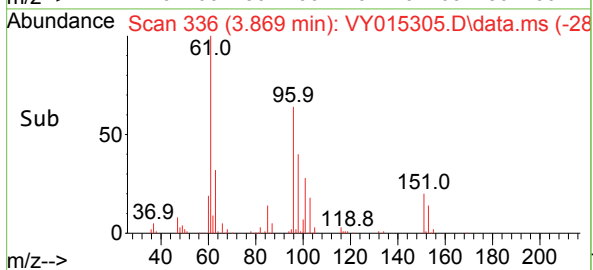
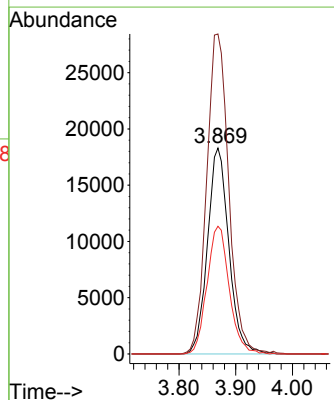
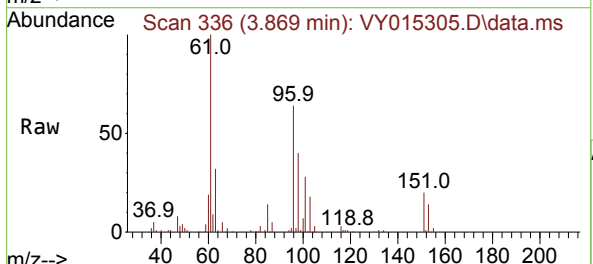


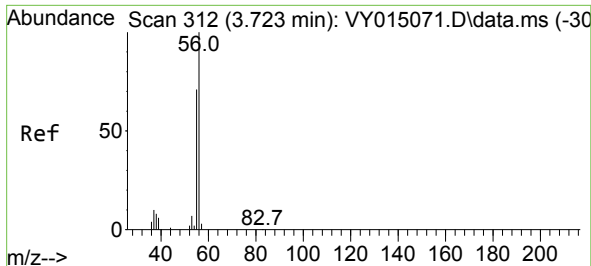
Tgt Ion: 59 Resp: 64149
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.242 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 96 Resp: 47905
Ion Ratio Lower Upper
96 100
61 155.4 136.4 204.6
98 62.0 49.4 74.2





#13

Acrolein

Concen: 89.254 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.005 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

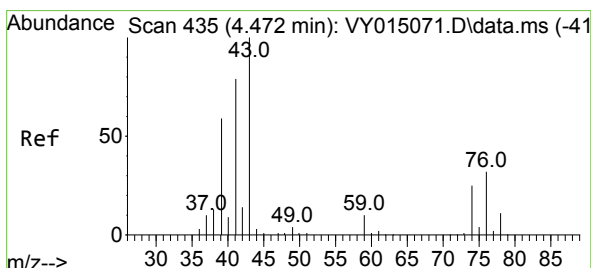
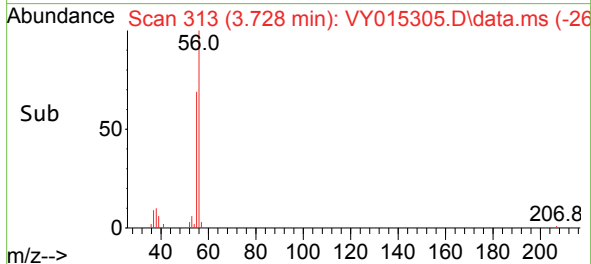
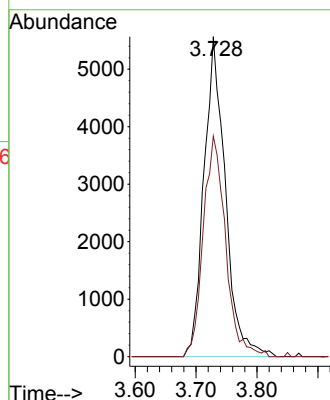
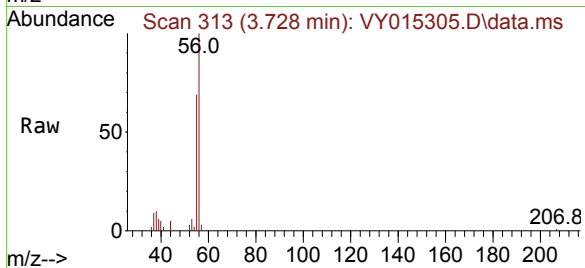
ClientSampleId :

Tgt Ion: 56 Resp: 13580

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 49.565 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

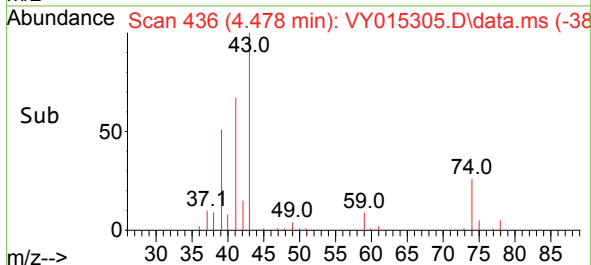
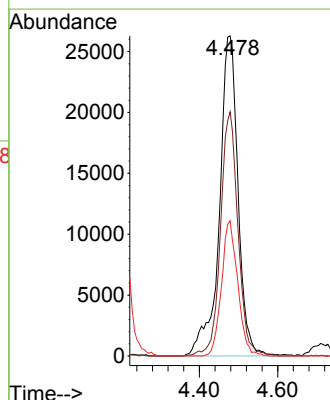
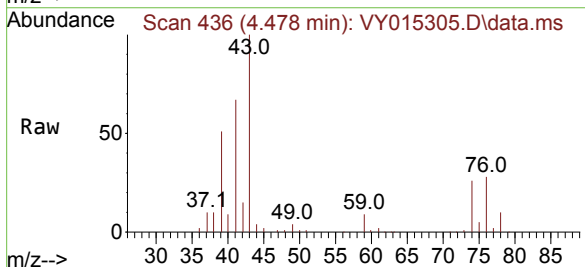
Tgt Ion: 41 Resp: 87263

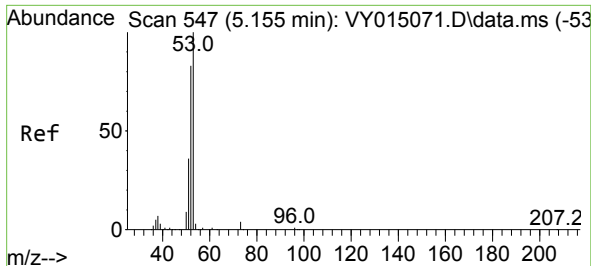
Ion Ratio Lower Upper

41 100

39 71.2 58.0 87.0

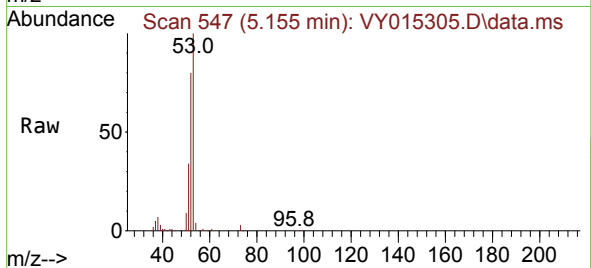
76 36.7 27.4 41.2



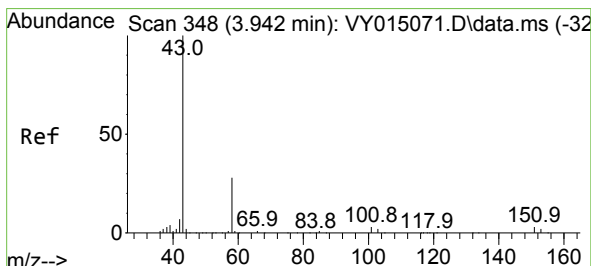
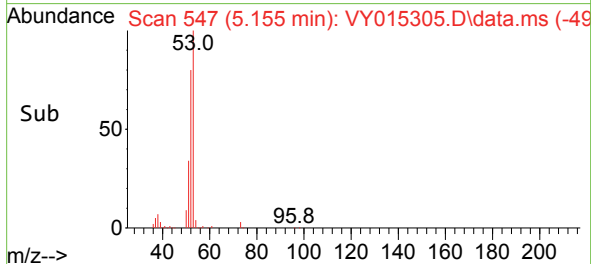
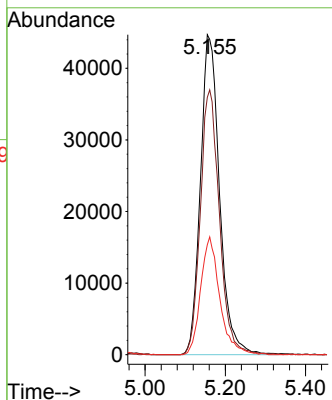


#15
Acrylonitrile
Concen: 291.405 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Instrument :
MSVOA_Y
ClientSampleId :

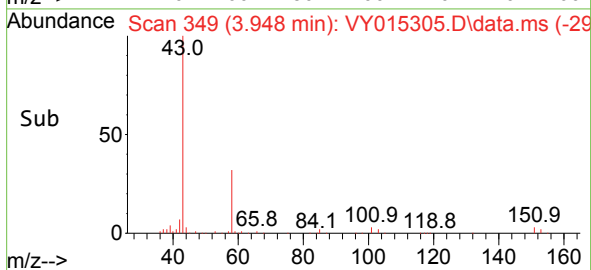
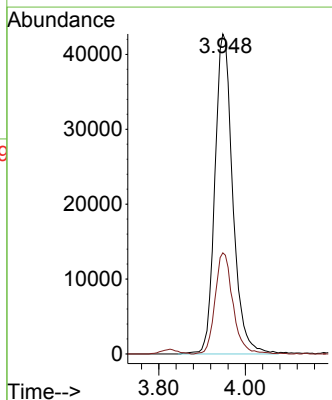
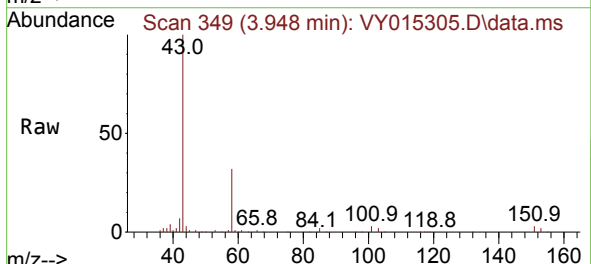


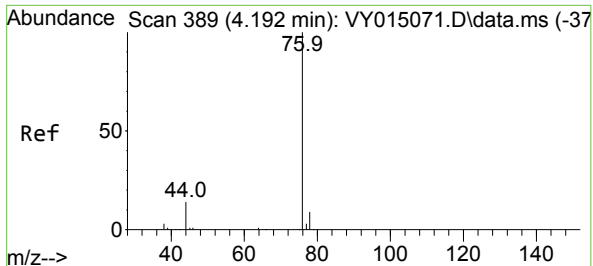
Tgt Ion: 53 Resp: 148193
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 218.572 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 43 Resp: 122319
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

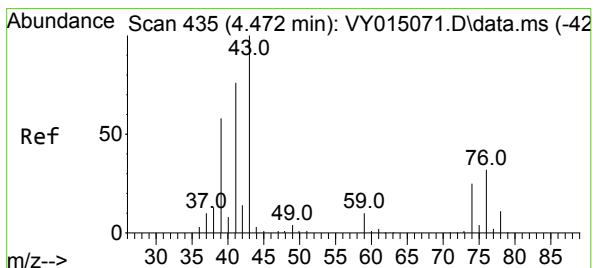
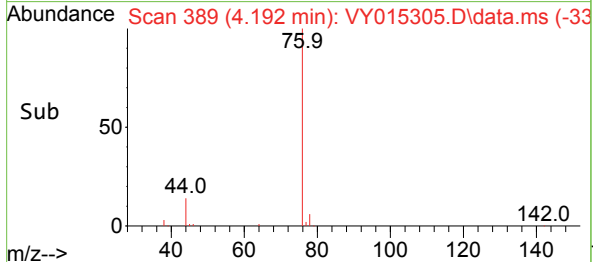
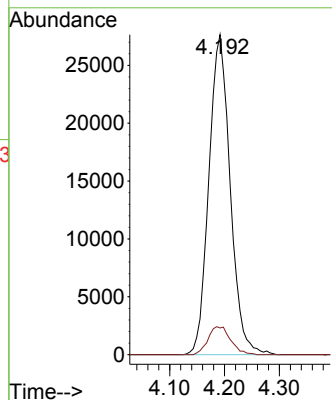
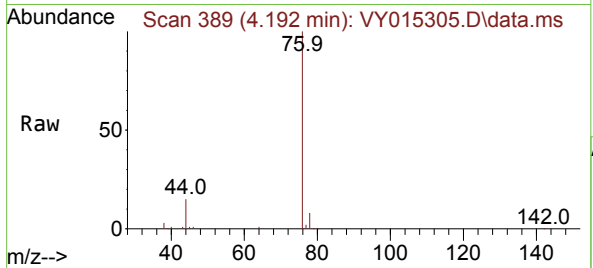




#17
Carbon Disulfide
Concen: 42.691 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

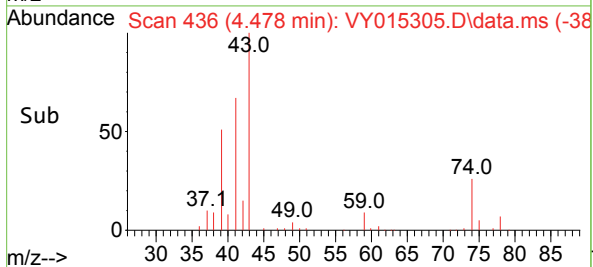
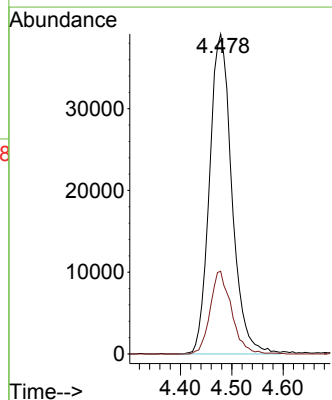
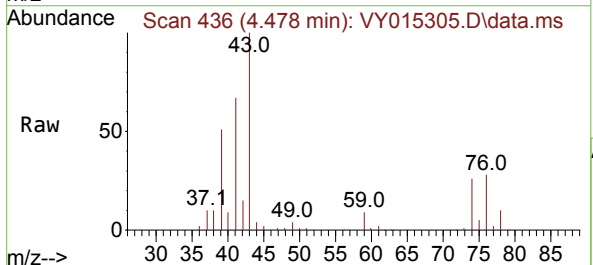
Instrument :
MSVOA_Y
ClientSampleId :

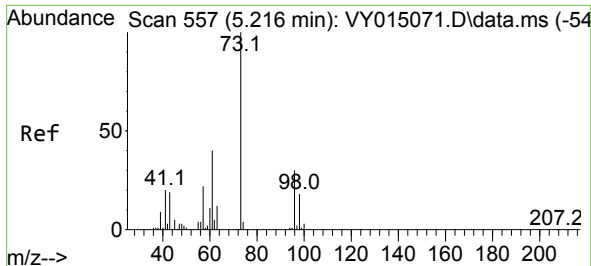
Tgt Ion: 76 Resp: 74605
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 57.686 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 43 Resp: 118302
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 54.379 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

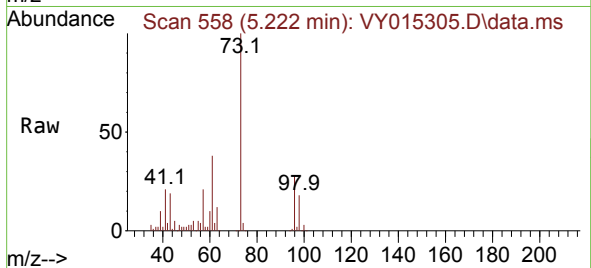
Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

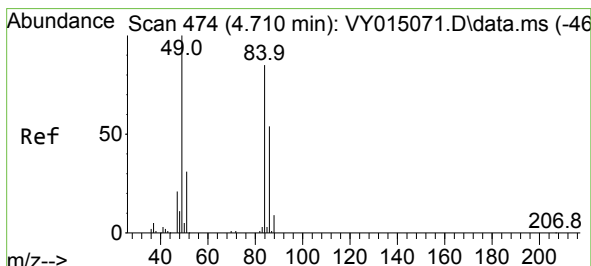
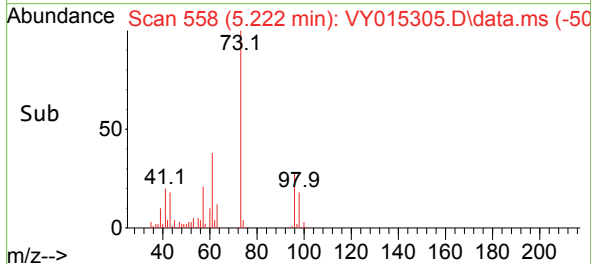
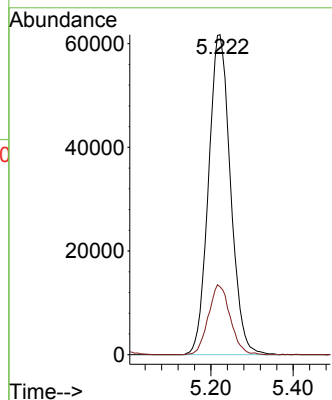


Tgt Ion: 73 Resp: 229603

Ion Ratio Lower Upper

73 100

57 21.2 17.3 25.9



#20

Methylene Chloride

Concen: 63.610 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Tgt Ion: 84 Resp: 83773

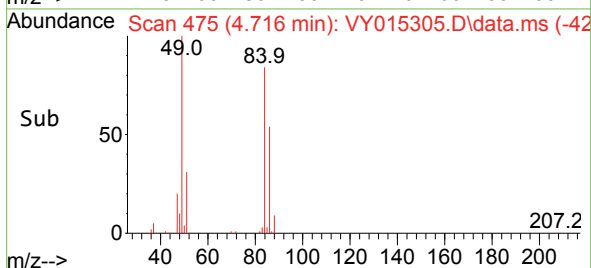
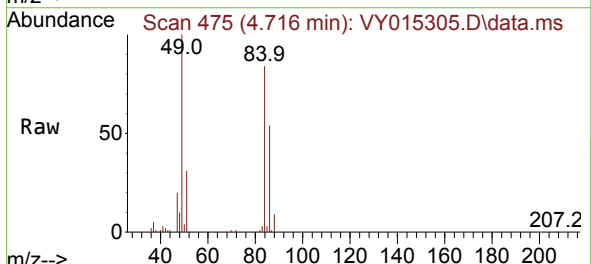
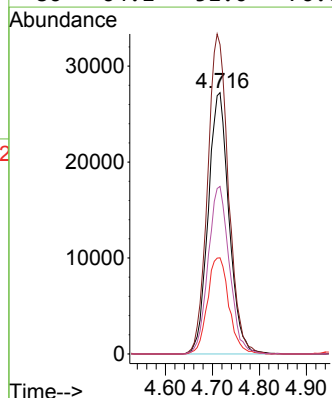
Ion Ratio Lower Upper

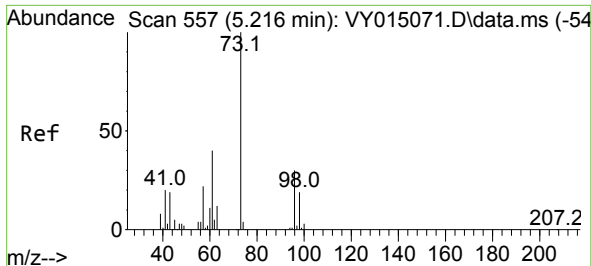
84 100

49 118.4 106.9 160.3

51 36.8 33.2 49.8

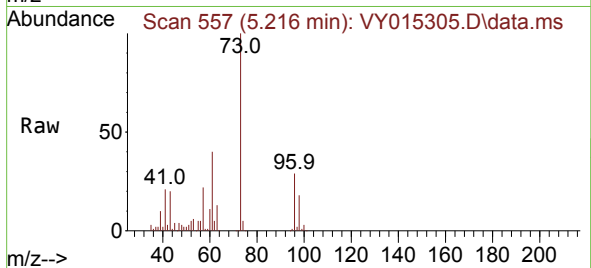
86 64.1 51.0 76.6



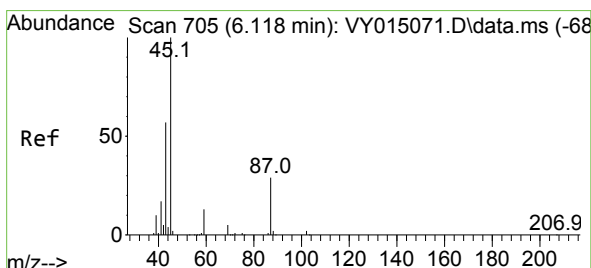
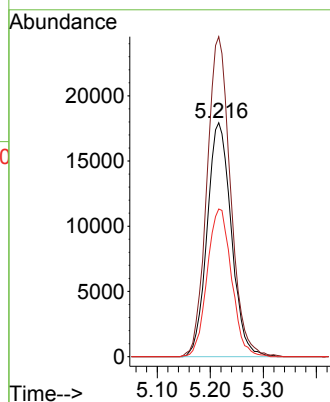
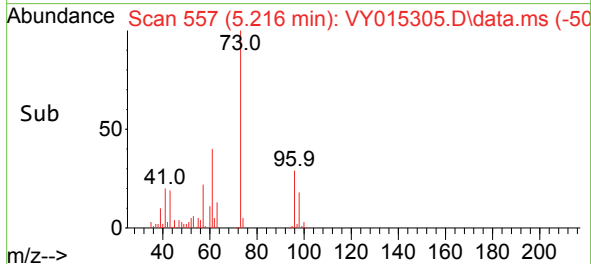


#21
trans-1,2-Dichloroethene
Concen: 50.611 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Instrument :
MSVOA_Y
ClientSampleId :

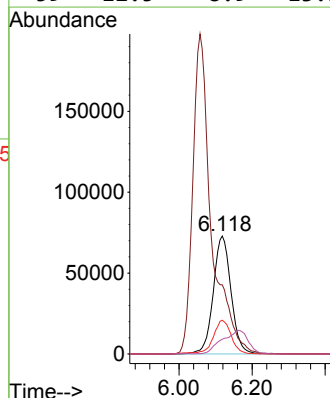
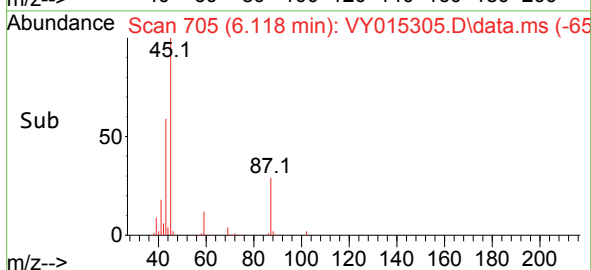
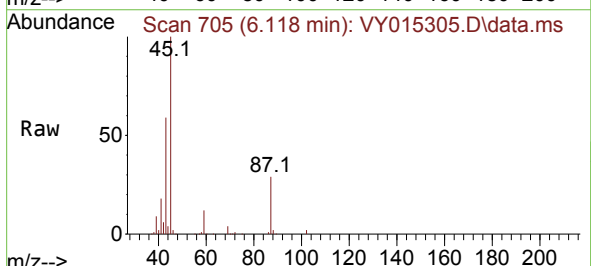


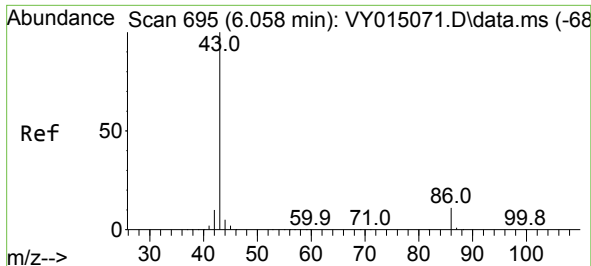
Tgt Ion: 96 Resp: 56689
Ion Ratio Lower Upper
96 100
61 136.8 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 56.057 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 45 Resp: 246264
Ion Ratio Lower Upper
45 100
43 58.5 52.2 78.4
87 28.6 21.0 31.6
59 12.5 8.9 13.3

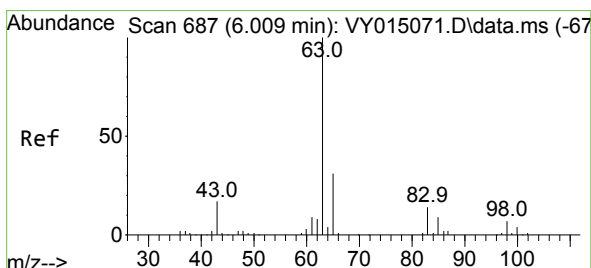
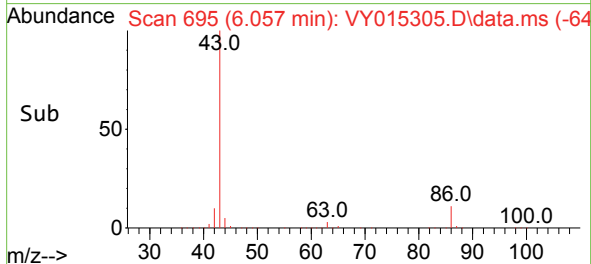
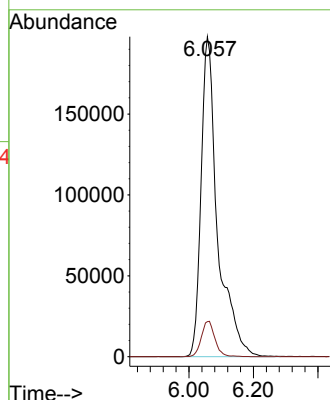
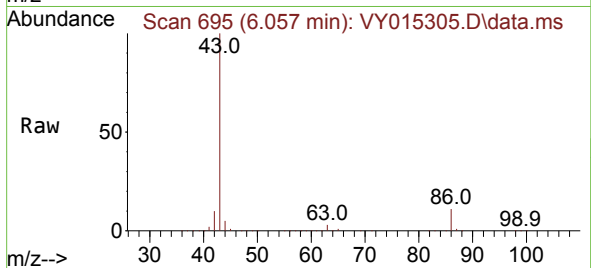




#23
 Vinyl Acetate
 Concen: 267.562 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015305.D
 Acq: 24 Aug 2023 00:48

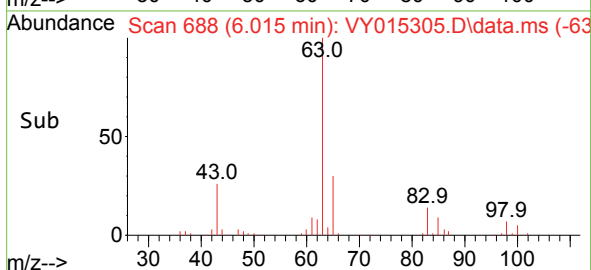
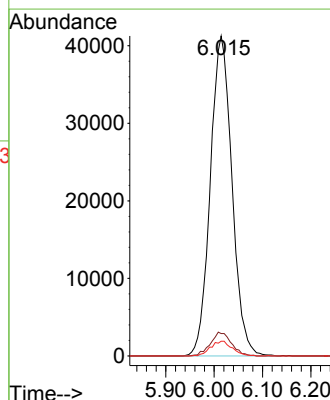
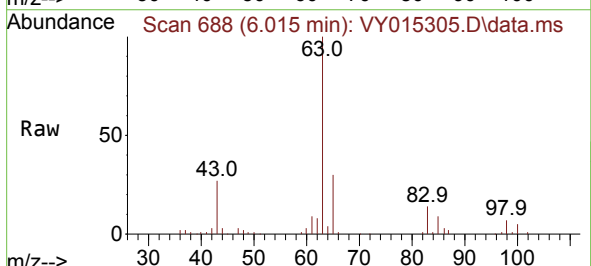
Instrument :
 MSVOA_Y
 ClientSampleId :

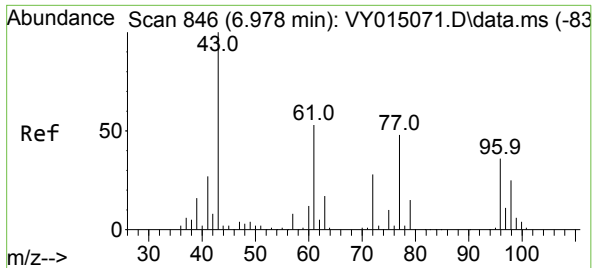
Tgt Ion: 43 Resp: 701364
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.990 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015305.D
 Acq: 24 Aug 2023 00:48

Tgt Ion: 63 Resp: 128408
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.6 1.8 5.5

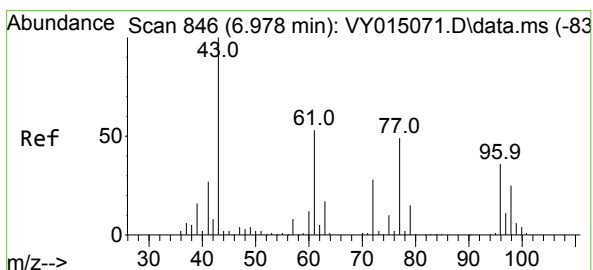
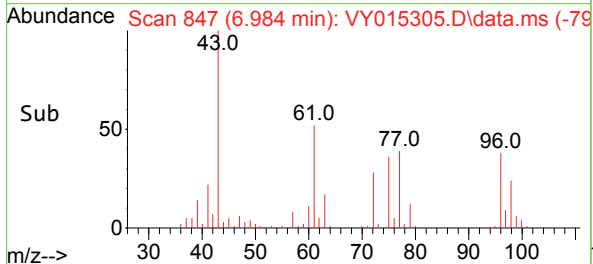
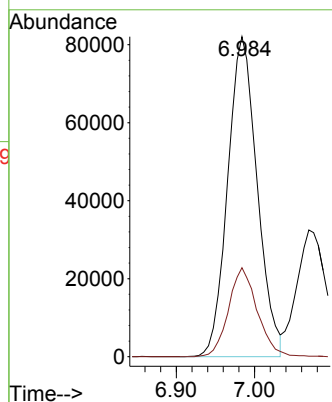
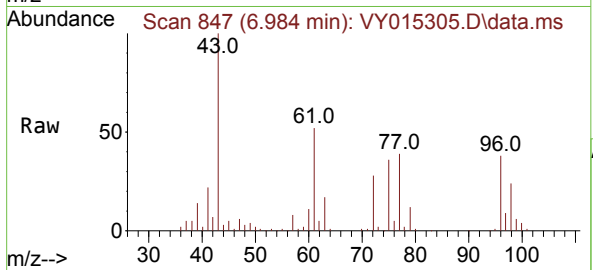




#25
2-Butanone
Concen: 270.741 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

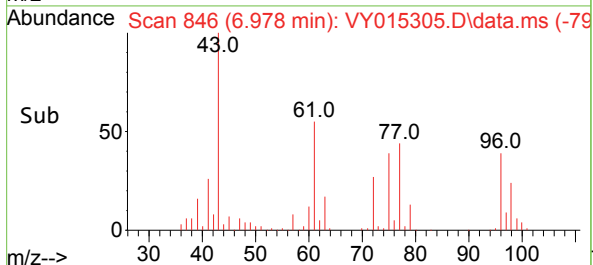
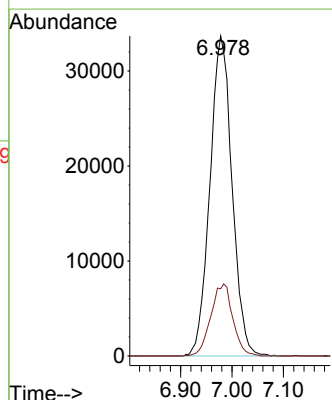
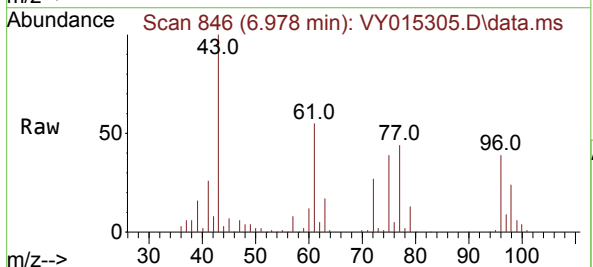
Instrument :
MSVOA_Y
ClientSampleId :

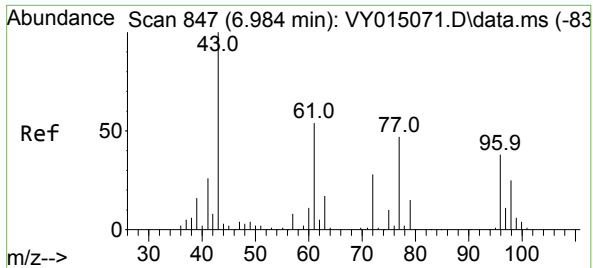
Tgt Ion: 43 Resp: 214528
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 43.966 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

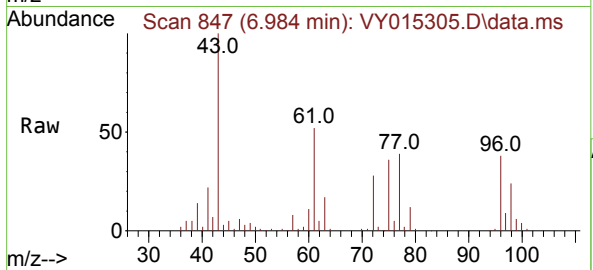
Tgt Ion: 77 Resp: 100805
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





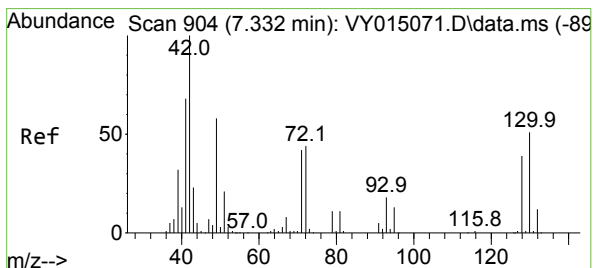
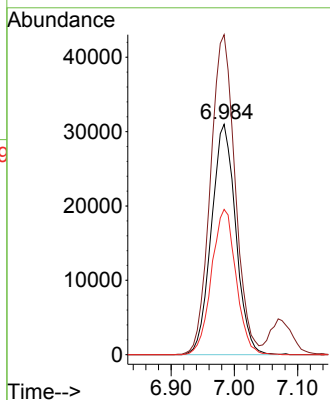
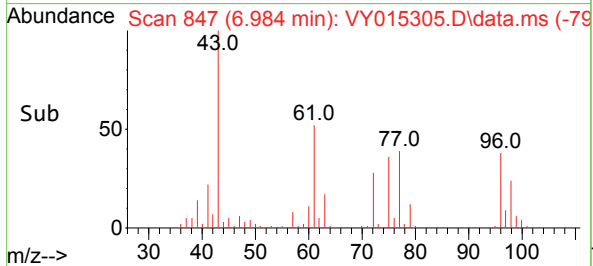
#27
 cis-1,2-Dichloroethene
 Concen: 54.120 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015305.D
 Acq: 24 Aug 2023 00:48

Instrument :
 MSVOA_Y
 ClientSampleId :

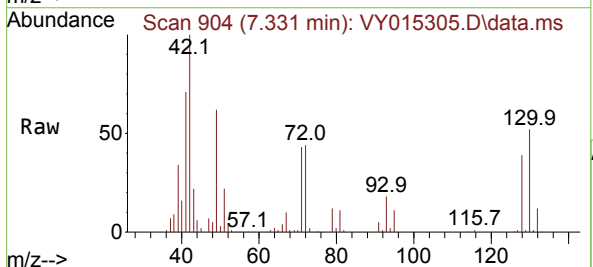


Tgt Ion: 96 Resp: 82807

Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	301.4
98	63.5	0.0	130.4

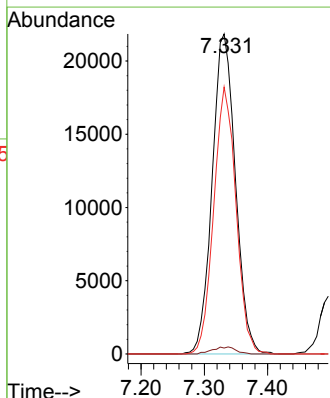
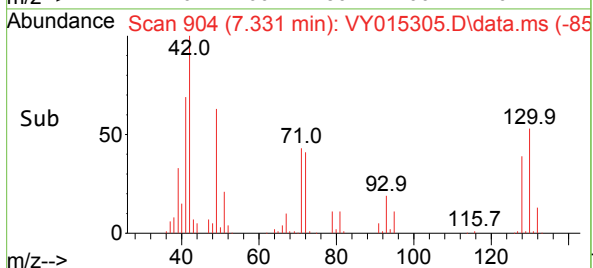


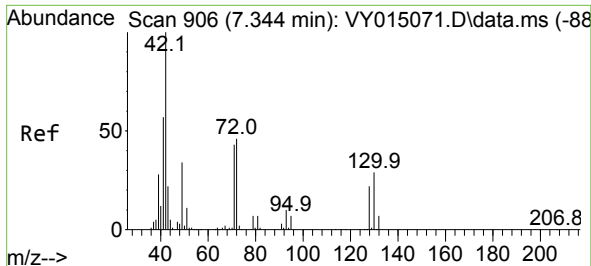
#28
 Bromochloromethane
 Concen: 51.030 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY015305.D
 Acq: 24 Aug 2023 00:48



Tgt Ion: 49 Resp: 55760

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	79.8	60.7	91.1





#29

Tetrahydrofuran

Concen: 286.219 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

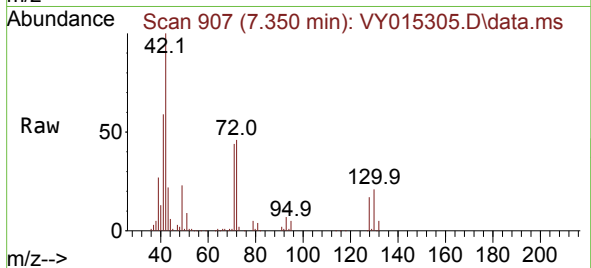
Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :



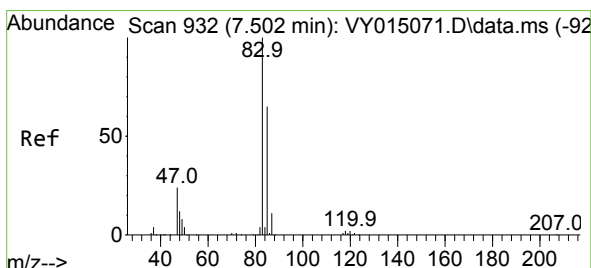
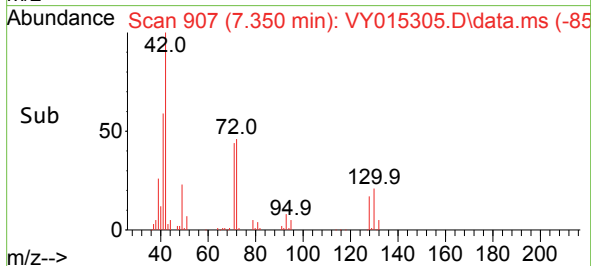
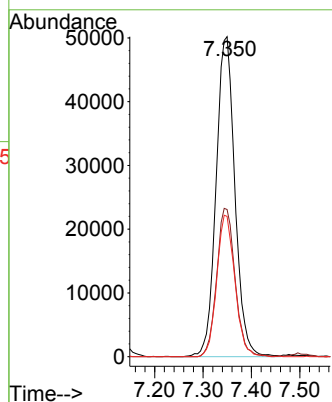
Tgt Ion: 42 Resp: 135609

Ion Ratio Lower Upper

42 100

72 45.4 32.8 49.2

71 42.5 31.0 46.4



#30

Chloroform

Concen: 55.009 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015305.D

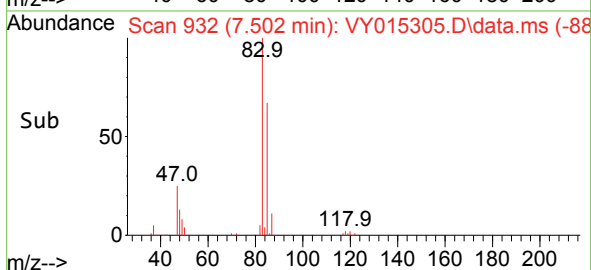
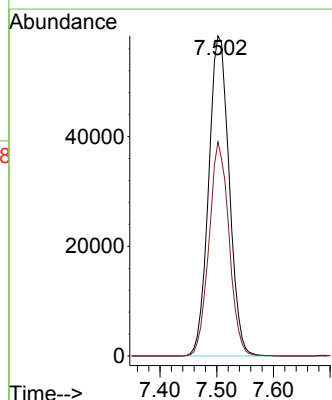
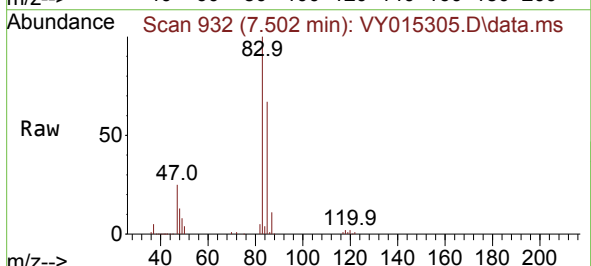
Acq: 24 Aug 2023 00:48

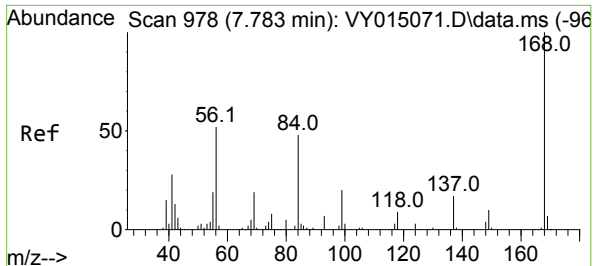
Tgt Ion: 83 Resp: 146666

Ion Ratio Lower Upper

83 100

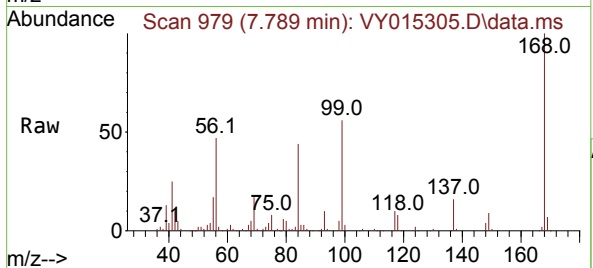
85 66.9 49.7 74.5



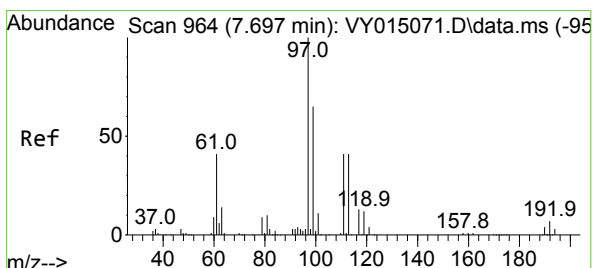
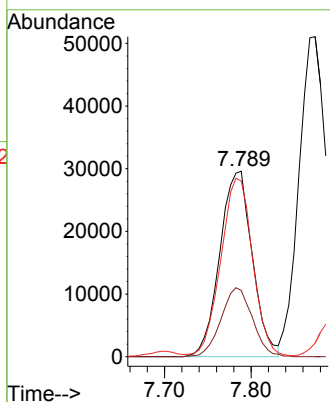
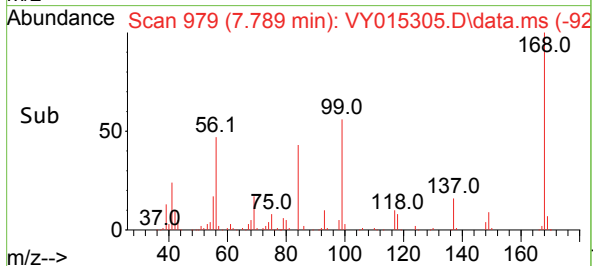


#31
Cyclohexane
Concen: 50.553 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Instrument :
MSVOA_Y
ClientSampleId :

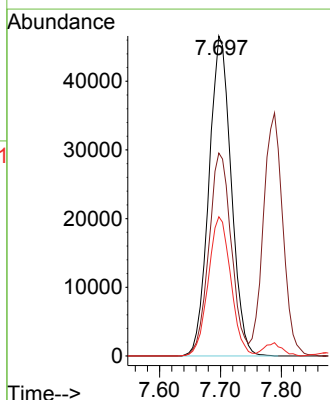
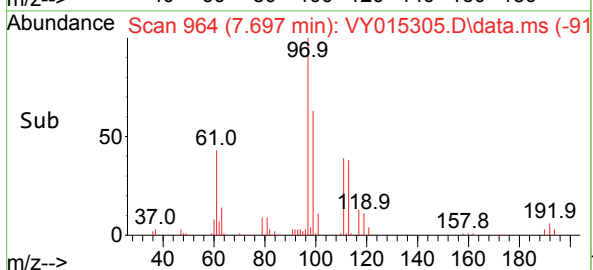
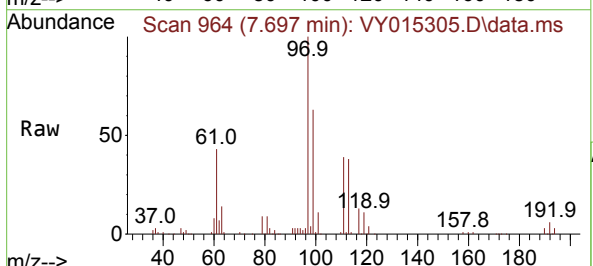


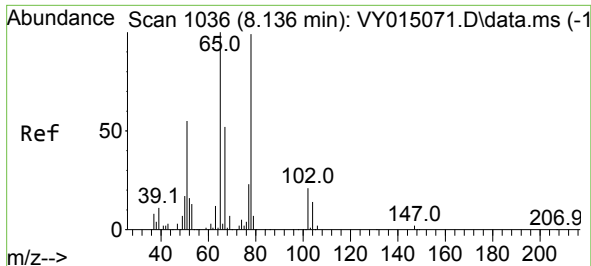
Tgt Ion: 56 Resp: 77309
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 93.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.158 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 97 Resp: 118337
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 44.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.267 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

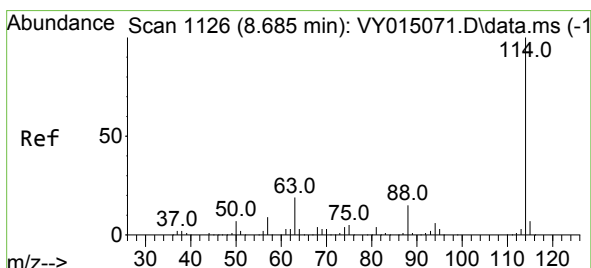
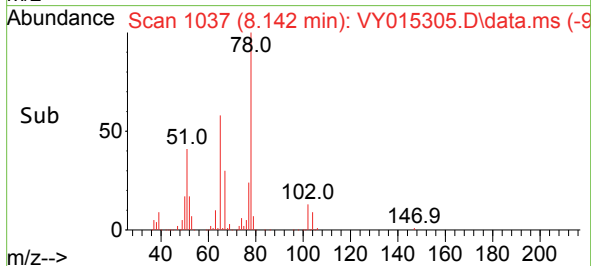
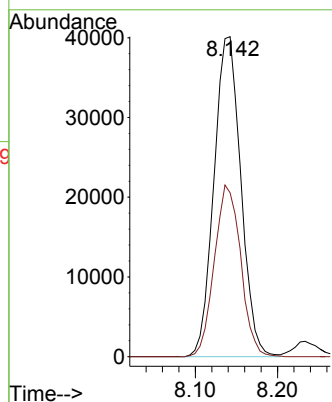
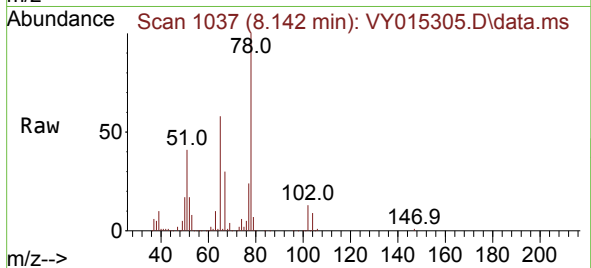
ClientSampleId :

Tgt Ion: 65 Resp: 91250

Ion Ratio Lower Upper

65 100

67 52.6 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: VY015305.D

Acq: 24 Aug 2023 00:48

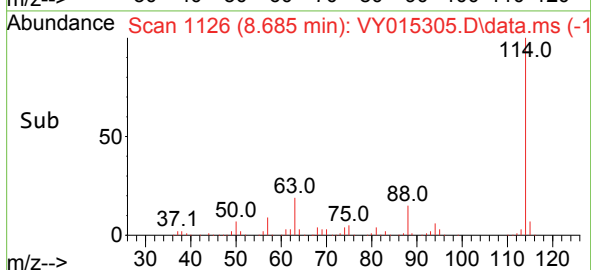
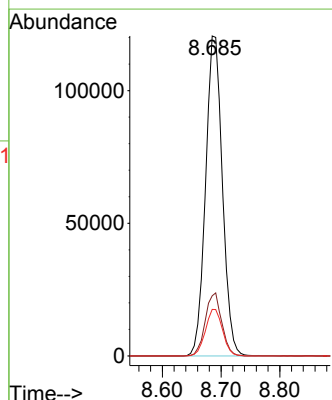
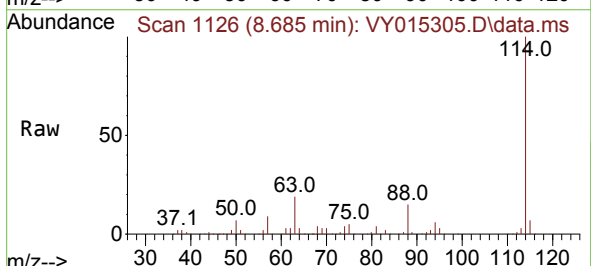
Tgt Ion: 114 Resp: 239695

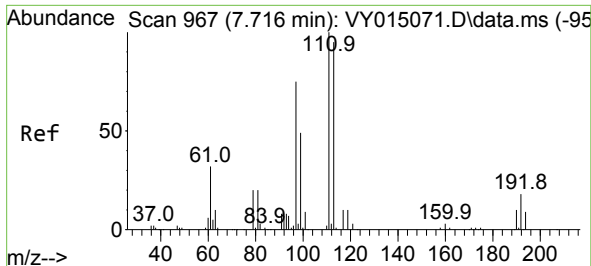
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.6 0.0 30.6

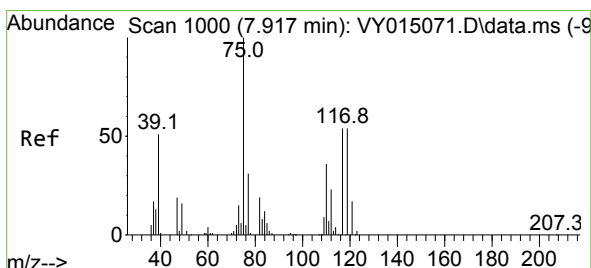
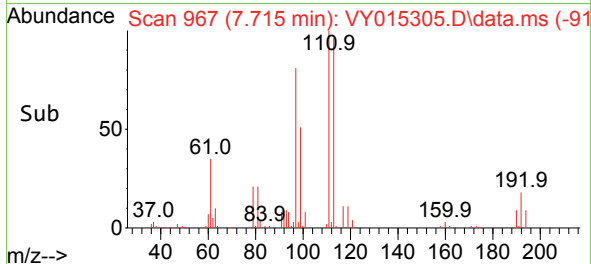
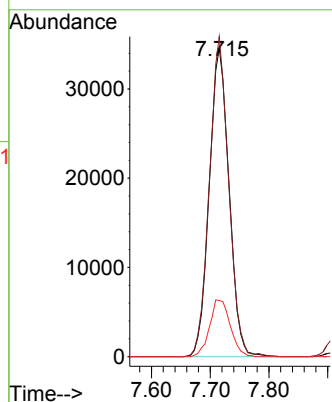
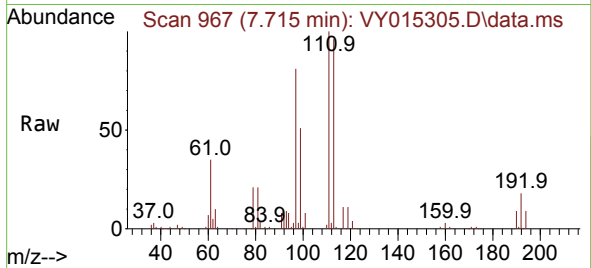




#35
Dibromofluoromethane
Concen: 52.410 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

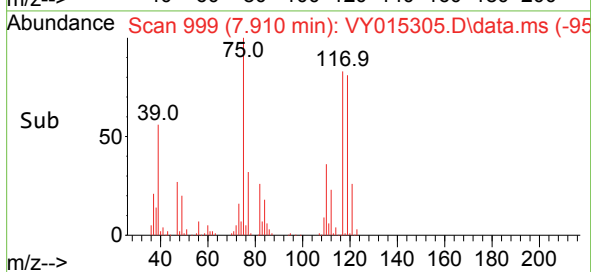
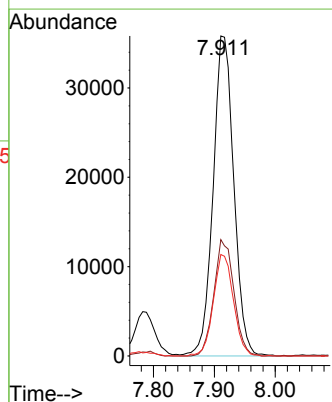
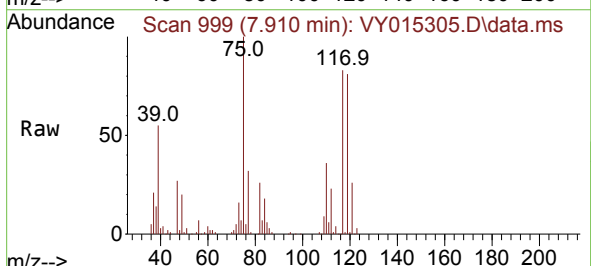
Instrument :
MSVOA_Y
ClientSampleId :

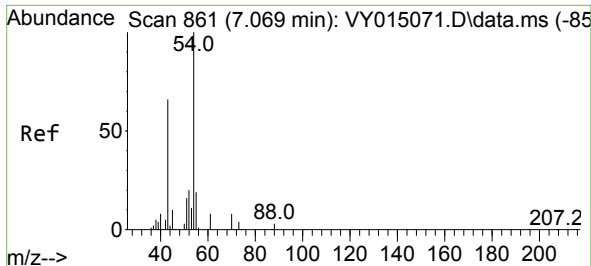
Tgt Ion:113 Resp: 80818
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.606 ug/l
RT: 7.910 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 75 Resp: 84627
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.5
77 30.8 24.4 36.6

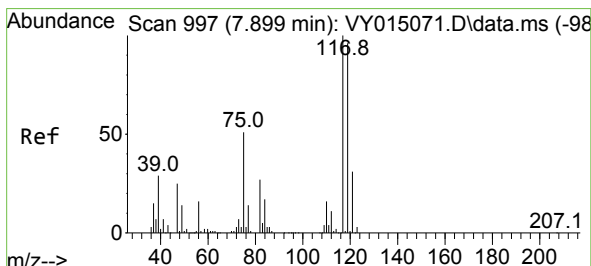
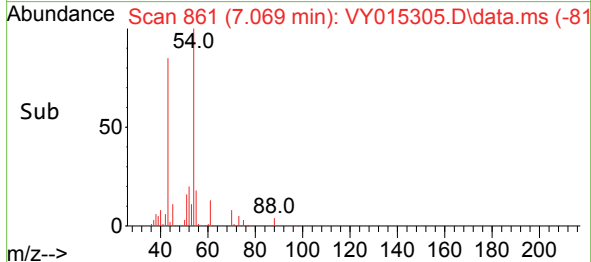
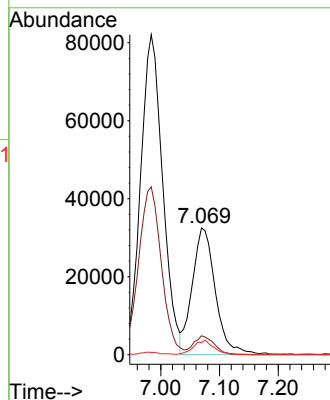
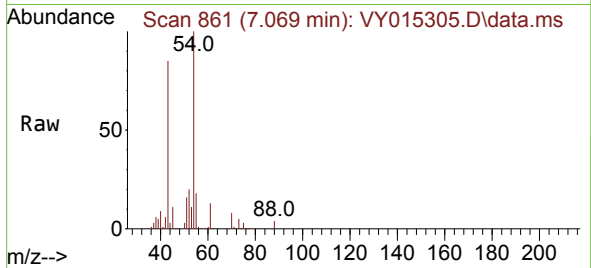




#37
Ethyl Acetate
Concen: 55.588 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

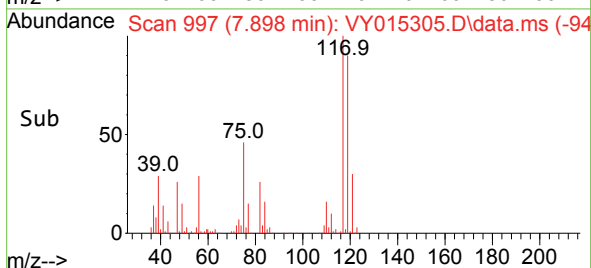
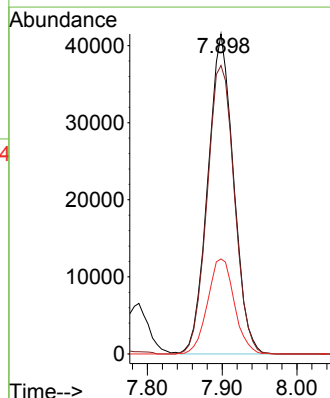
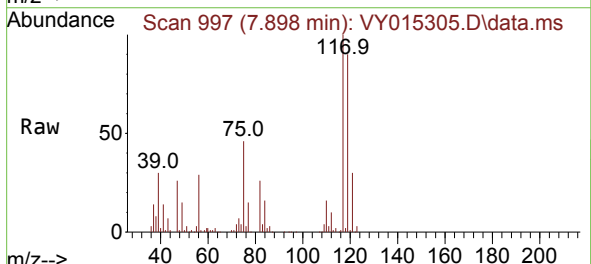
Instrument :
MSVOA_Y
ClientSampleId :

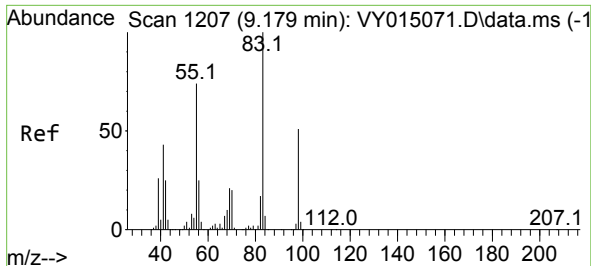
Tgt Ion: 43 Resp: 88396
Ion Ratio Lower Upper
43 100
61 13.6 10.1 15.1
70 9.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.168 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 117 Resp: 99272
Ion Ratio Lower Upper
117 100
119 90.1 76.4 114.6
121 29.7 25.8 38.6





#39

Methylcyclohexane

Concen: 46.671 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

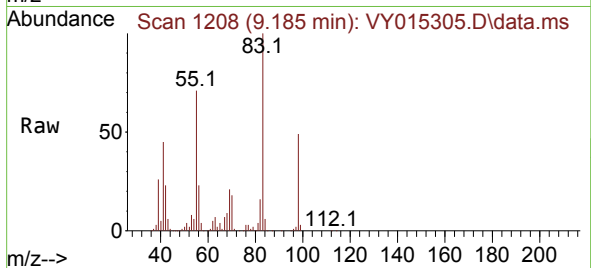
Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :



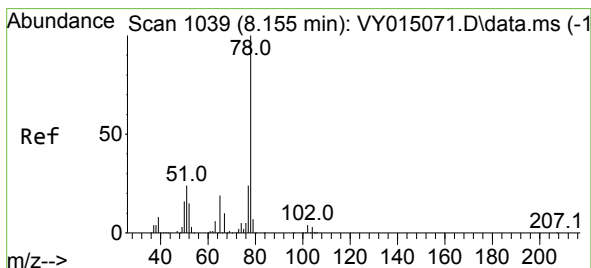
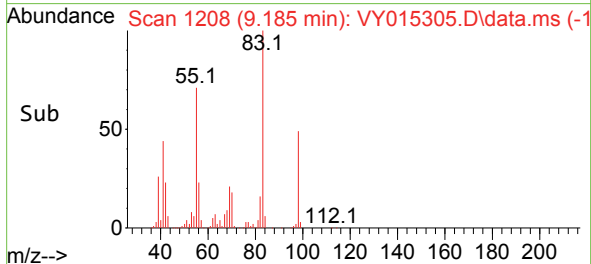
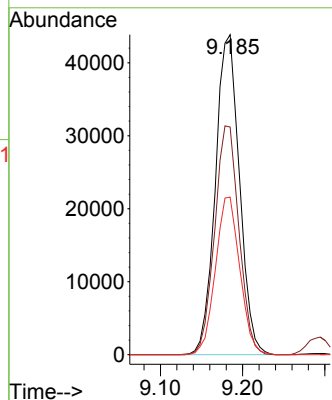
Tgt Ion: 83 Resp: 89257

Ion Ratio Lower Upper

83 100

55 71.2 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 52.787 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015305.D

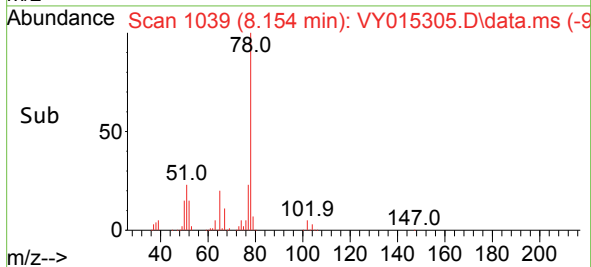
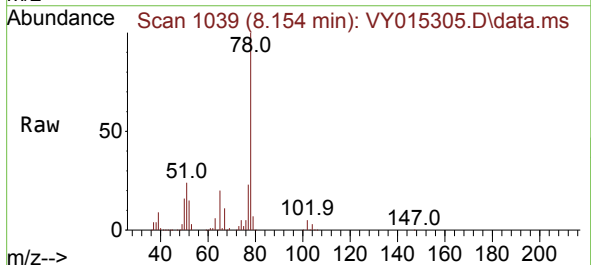
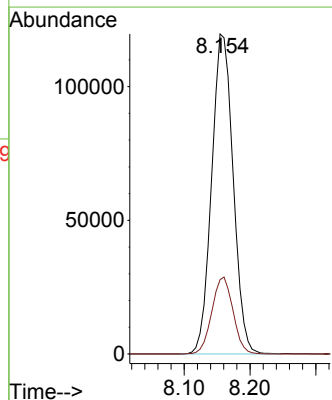
Acq: 24 Aug 2023 00:48

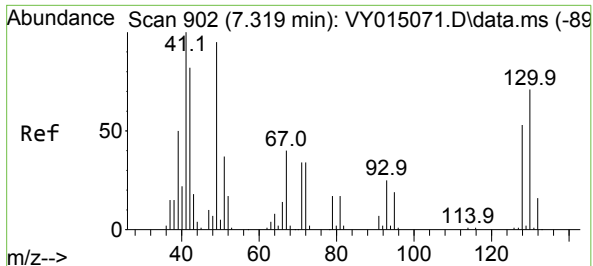
Tgt Ion: 78 Resp: 272264

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

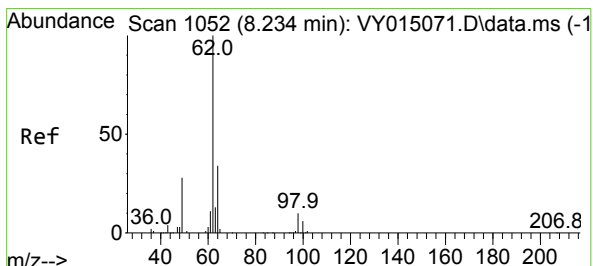
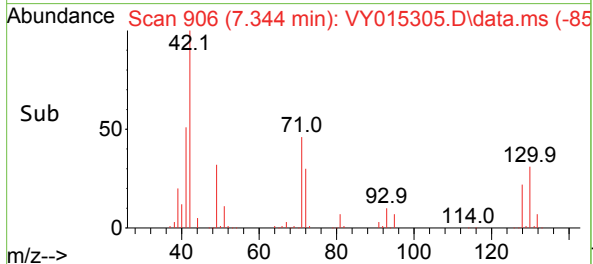
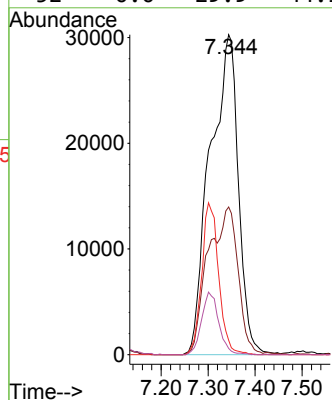
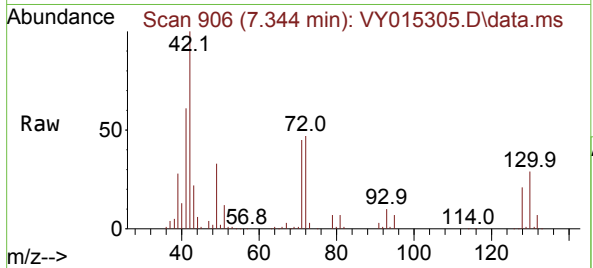




#41
Methacrylonitrile
Concen: 154.011 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.036 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

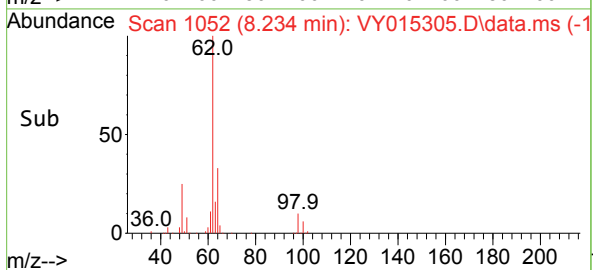
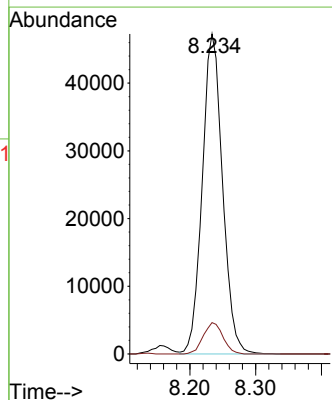
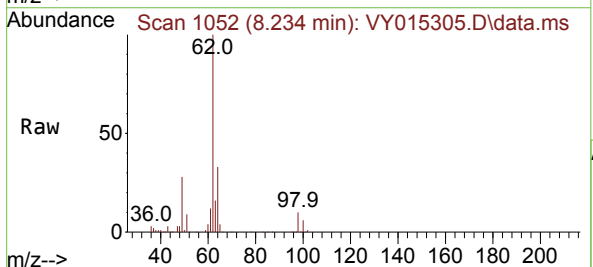
Instrument :
MSVOA_Y
ClientSampleId :

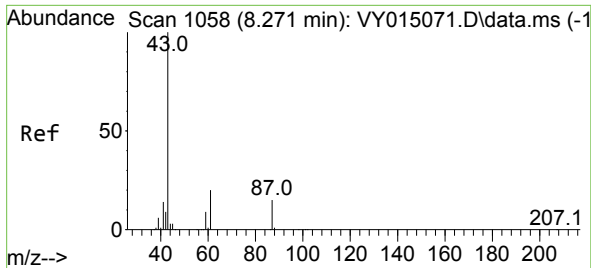
Tgt Ion: 41 Resp: 126286
Ion Ratio Lower Upper
41 100
39 48.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.111 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

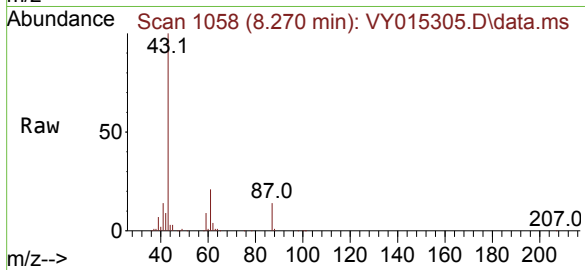
Tgt Ion: 62 Resp: 101360
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8



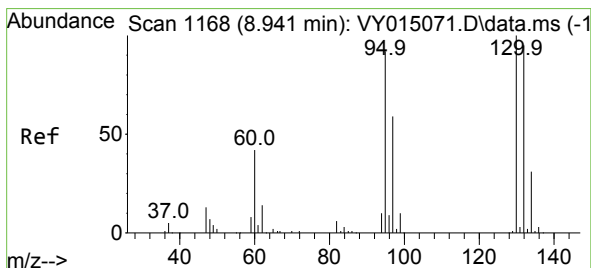
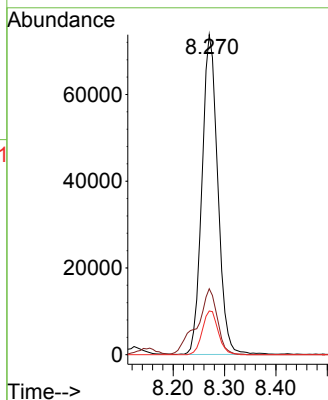
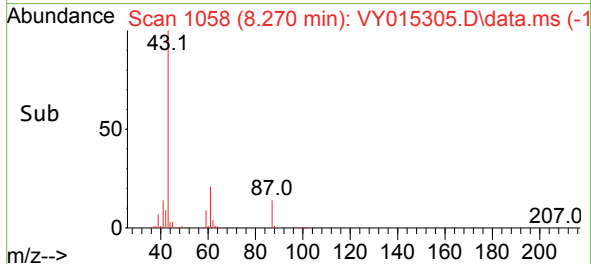


#43
Isopropyl Acetate
Concen: 54.296 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Instrument :
MSVOA_Y
ClientSampleId :

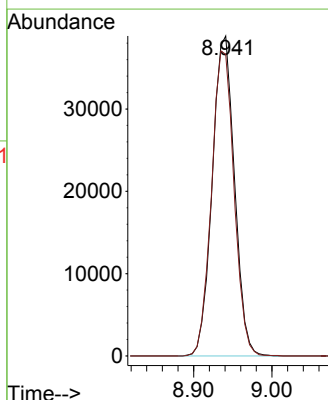
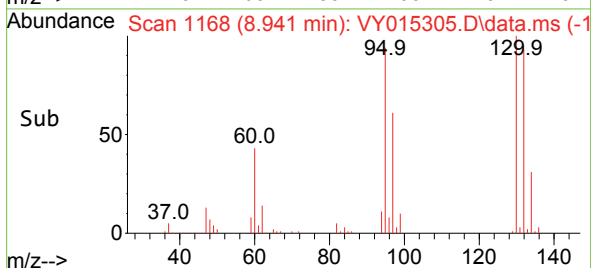
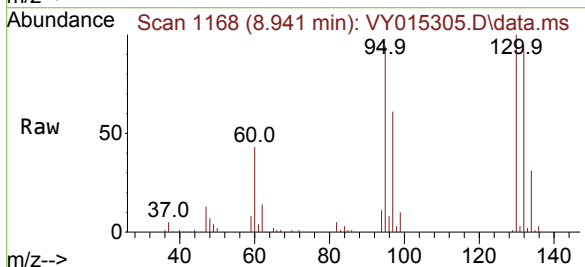


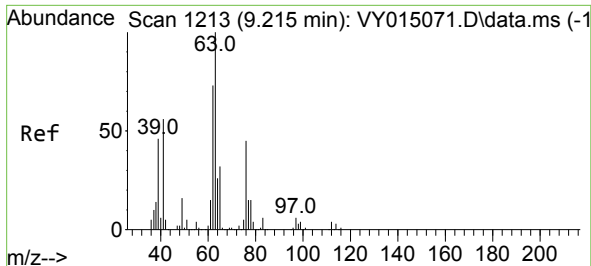
Tgt Ion: 43 Resp: 157231
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 51.579 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion:130 Resp: 76644
Ion Ratio Lower Upper
130 100
95 94.3 0.0 196.0

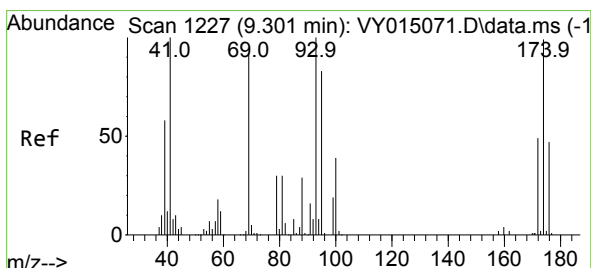
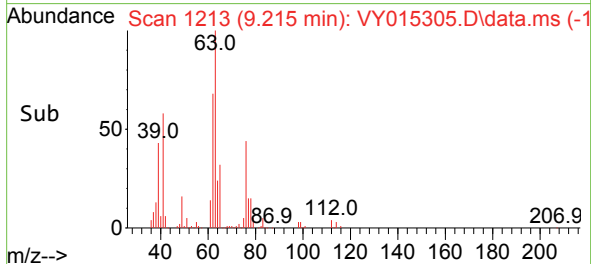
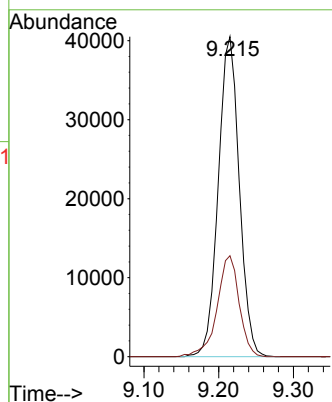
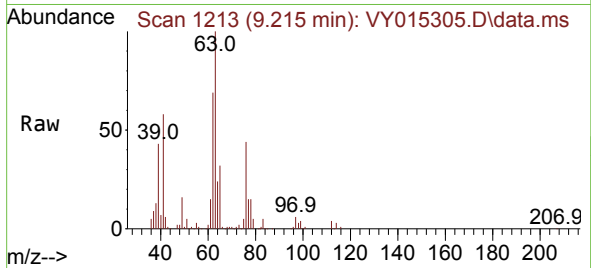




#45
1,2-Dichloropropane
Concen: 54.482 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

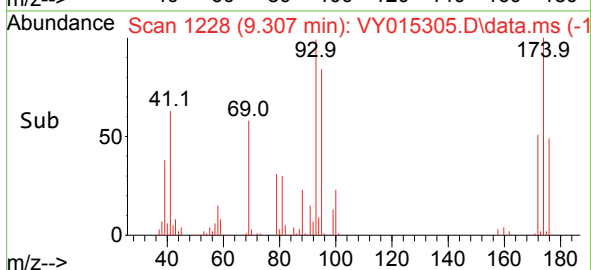
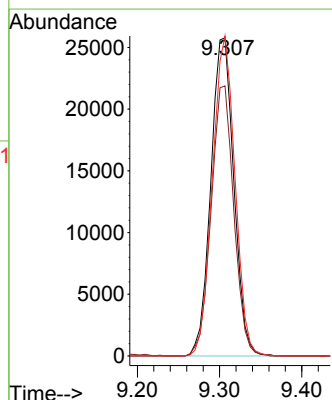
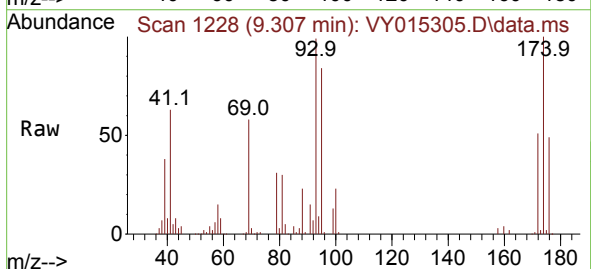
Instrument :
MSVOA_Y
ClientSampleId :

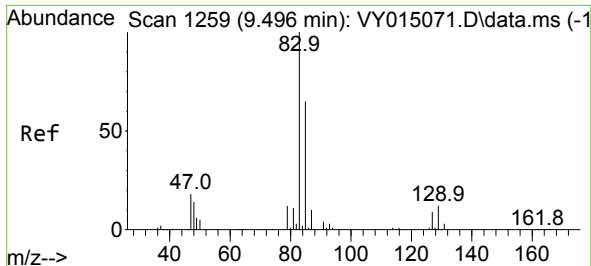
Tgt Ion: 63 Resp: 79240
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6



#46
Dibromomethane
Concen: 54.609 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

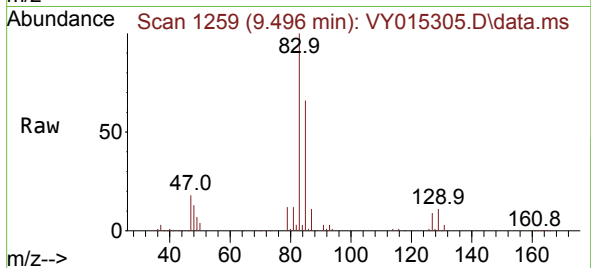
Tgt Ion: 93 Resp: 50093
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 98.8 84.8 127.2



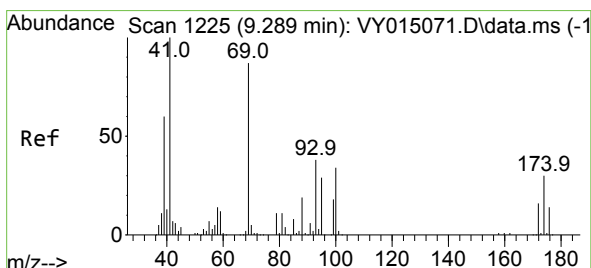
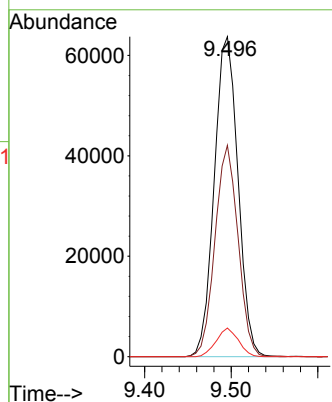
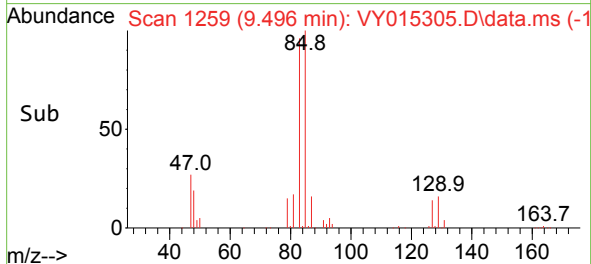


#47
Bromodichloromethane
Concen: 55.342 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Instrument :
MSVOA_Y
ClientSampleId :

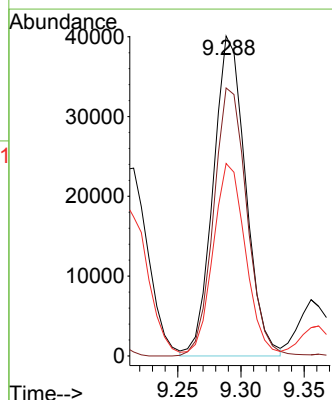
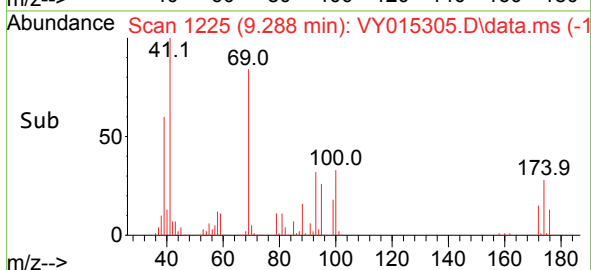
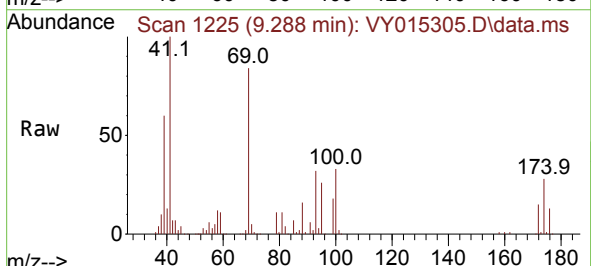


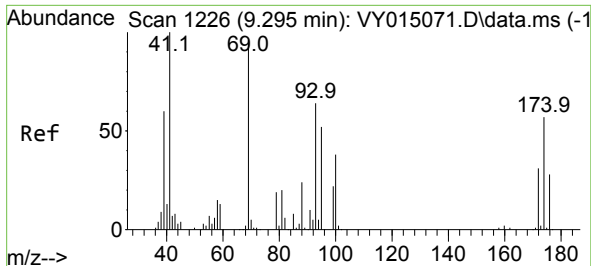
Tgt Ion: 83 Resp: 121141
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 57.647 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 41 Resp: 71411
Ion Ratio Lower Upper
41 100
69 86.4 64.5 96.7
39 60.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1038.319 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

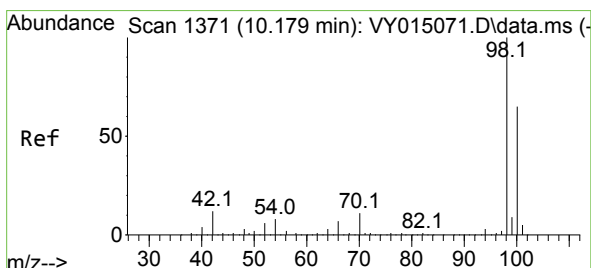
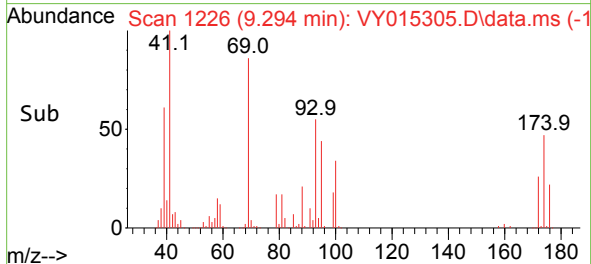
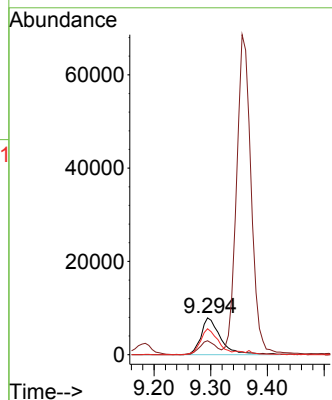
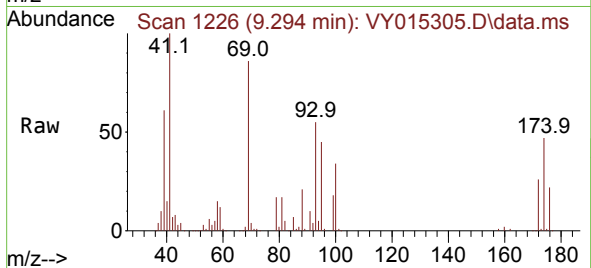
Tgt Ion: 88 Resp: 19046

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 62.8 30.9 46.3#



#50

Toluene-d8

Concen: 50.719 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015305.D

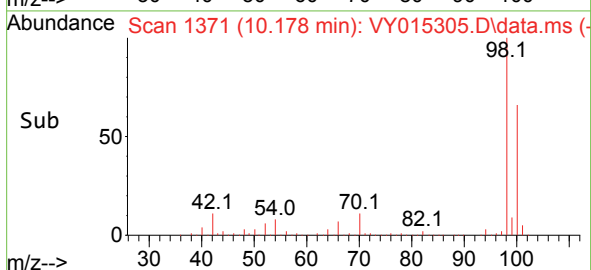
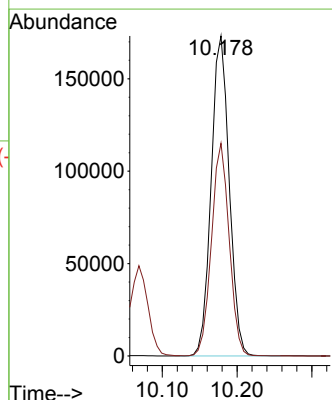
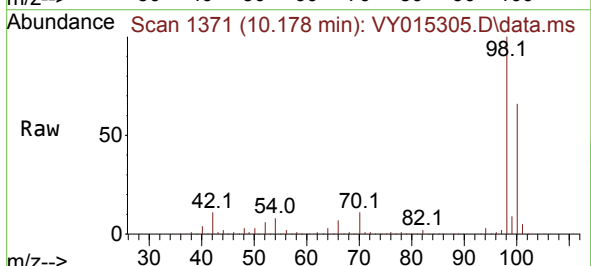
Acq: 24 Aug 2023 00:48

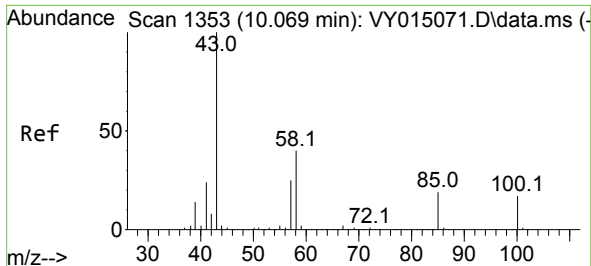
Tgt Ion: 98 Resp: 291146

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

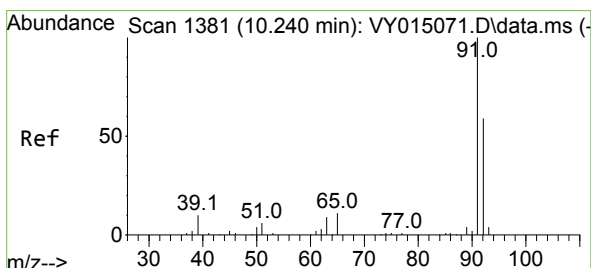
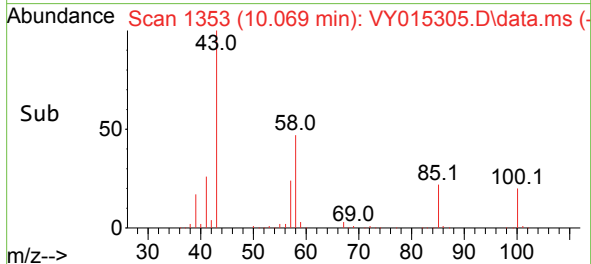
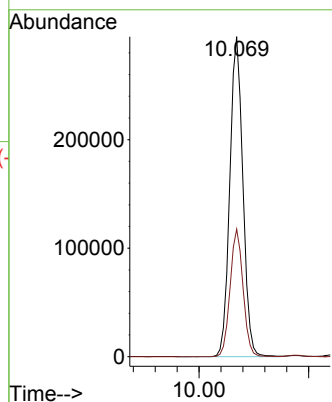
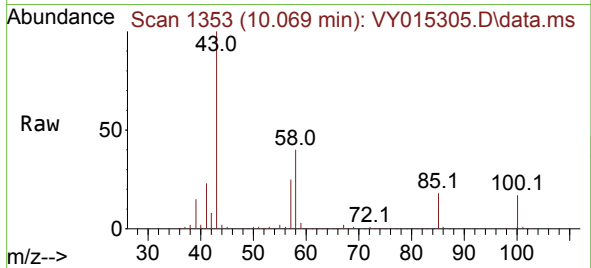




#51
4-Methyl-2-Pentanone
Concen: 291.566 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

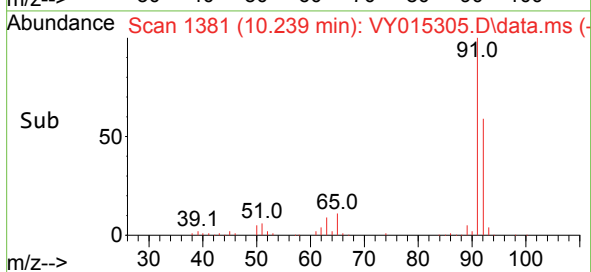
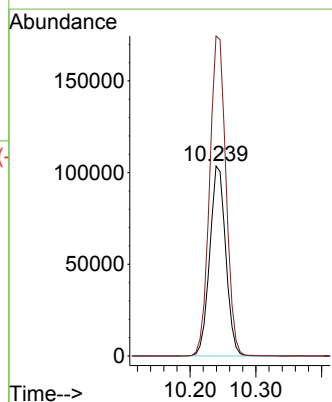
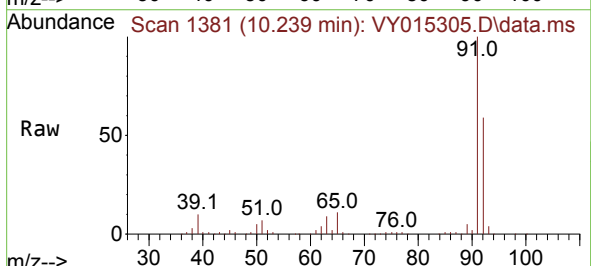
Instrument :
MSVOA_Y
ClientSampleId :

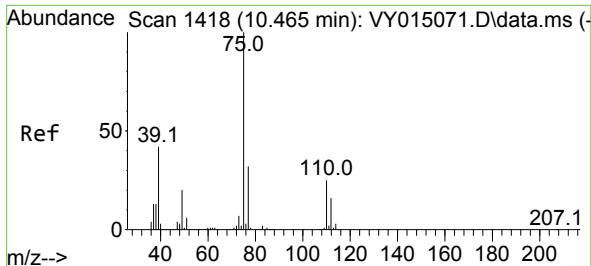
Tgt Ion: 43 Resp: 489335
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 51.543 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 92 Resp: 175224
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

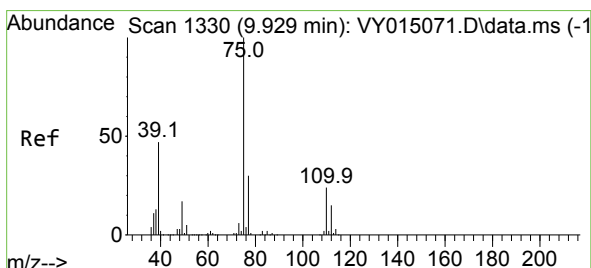
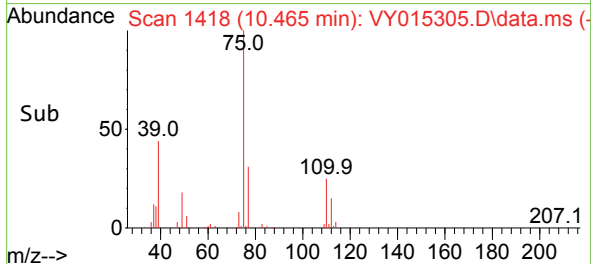
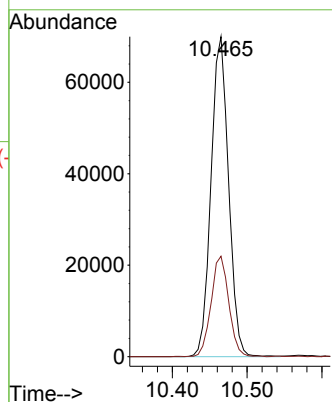
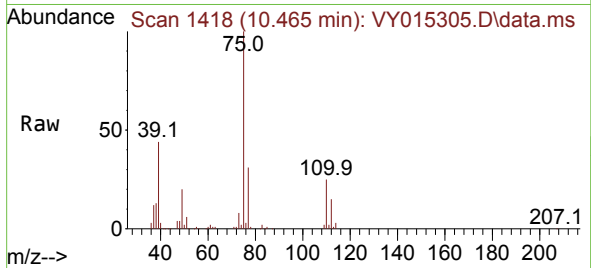




#53
 t-1,3-Dichloropropene
 Concen: 49.744 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY015305.D
 Acq: 24 Aug 2023 00:48

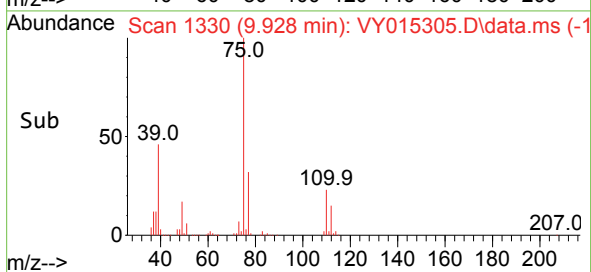
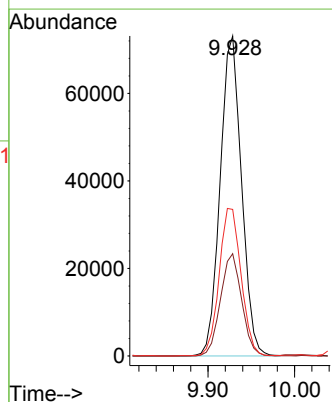
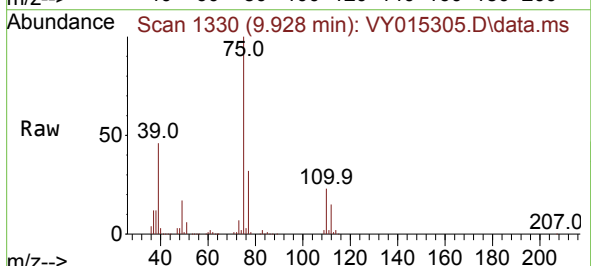
Instrument :
 MSVOA_Y
 ClientSampleId :

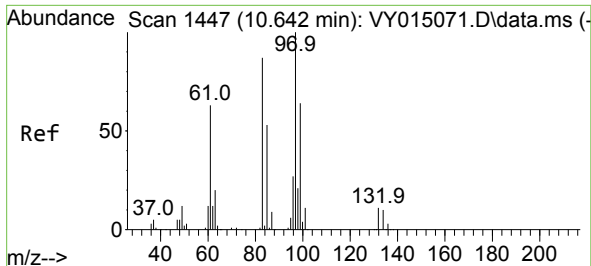
Tgt Ion: 75 Resp: 114433
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.604 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015305.D
 Acq: 24 Aug 2023 00:48

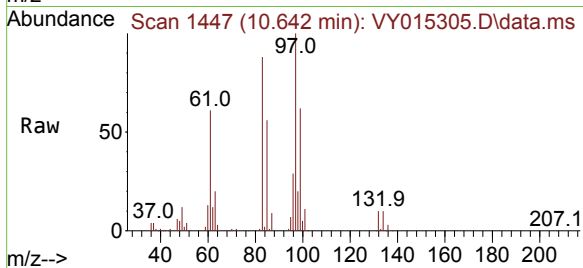
Tgt Ion: 75 Resp: 125022
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 45.7 42.2 63.4



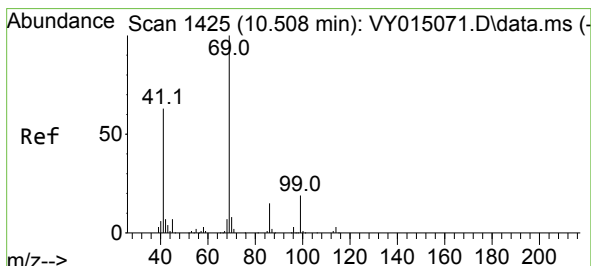
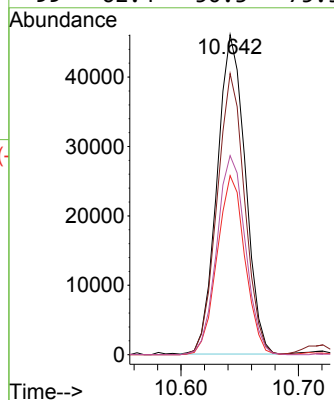
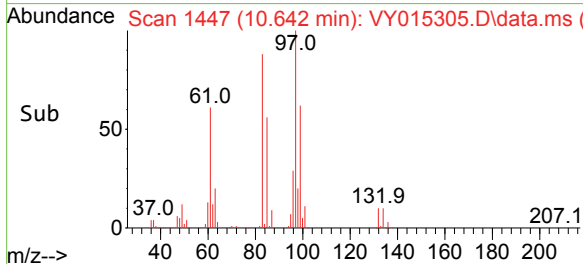


#55
1,1,2-Trichloroethane
Concen: 55.018 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

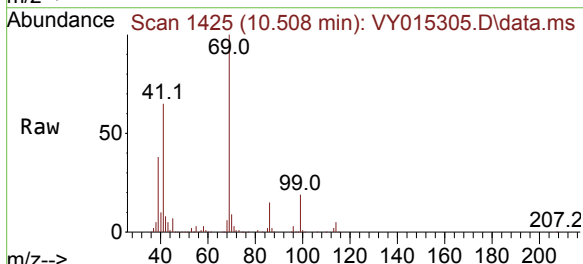
Instrument :
MSVOA_Y
ClientSampleId :



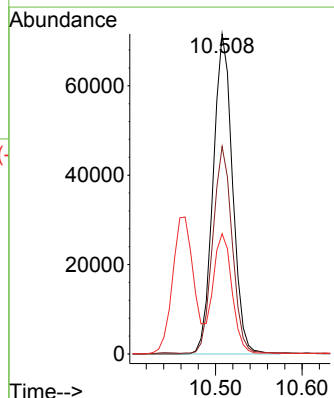
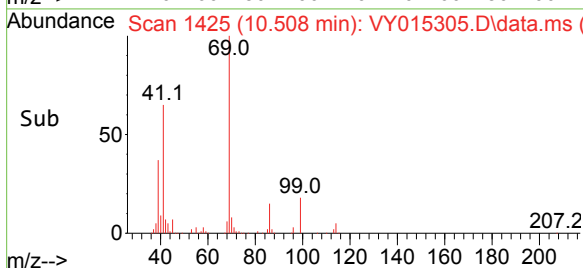
Tgt Ion:	97	Resp:	76739
Ion	Ratio	Lower	Upper
97	100		
83	88.1	72.0	108.0
85	56.1	45.4	68.0
99	62.4	50.3	75.5

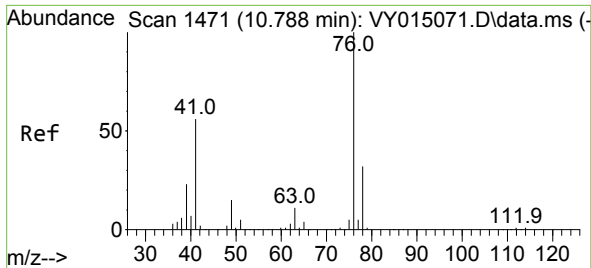


#56
Ethyl methacrylate
Concen: 54.553 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48



Tgt Ion:	69	Resp:	111356
Ion	Ratio	Lower	Upper
69	100		
41	64.8	57.6	86.4
39	37.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 54.929 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

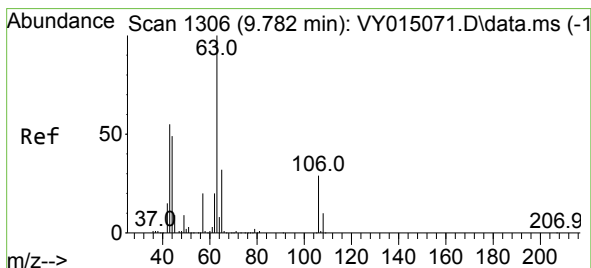
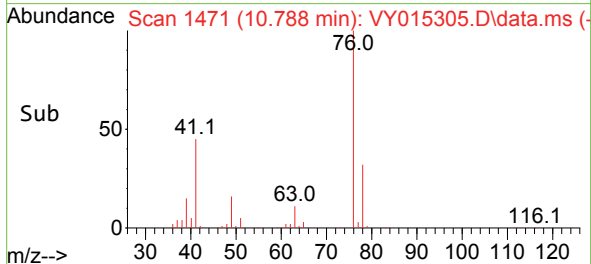
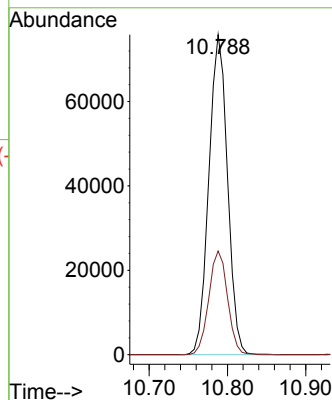
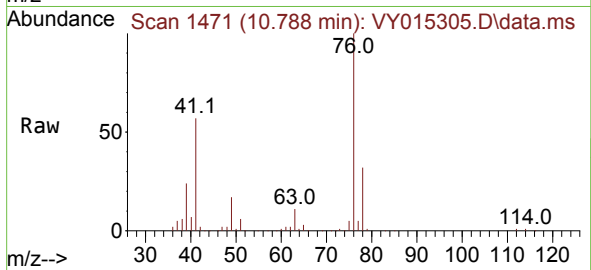
ClientSampleId :

Tgt Ion: 76 Resp: 125170

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 214.564 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015305.D

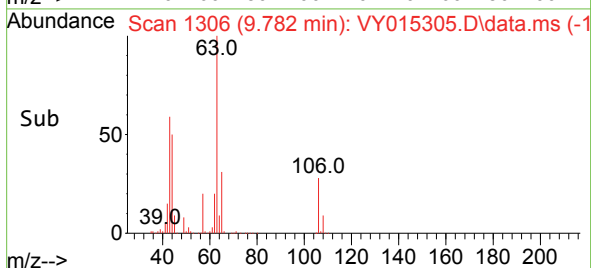
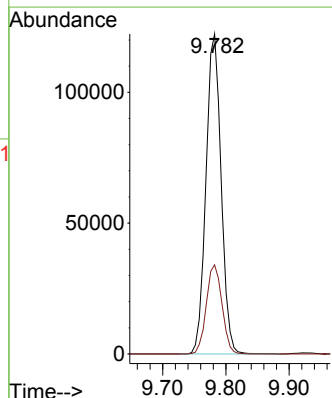
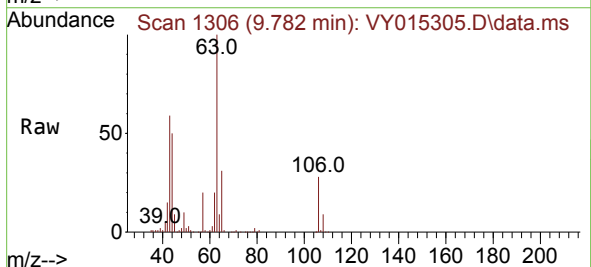
Acq: 24 Aug 2023 00:48

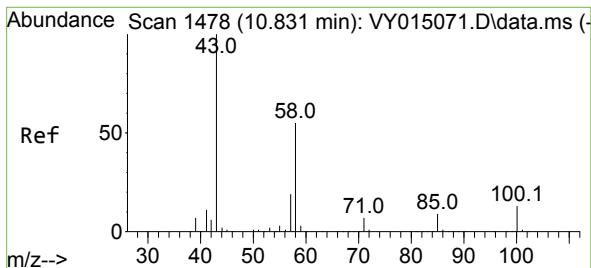
Tgt Ion: 63 Resp: 203826

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

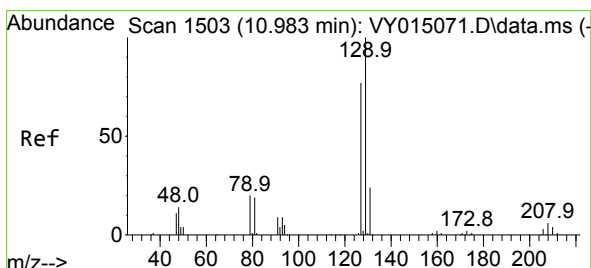
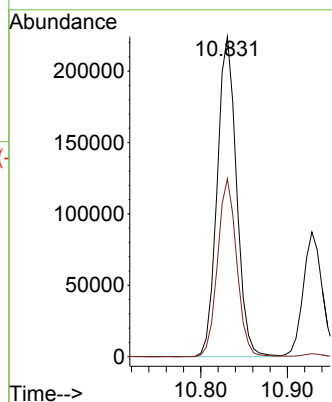
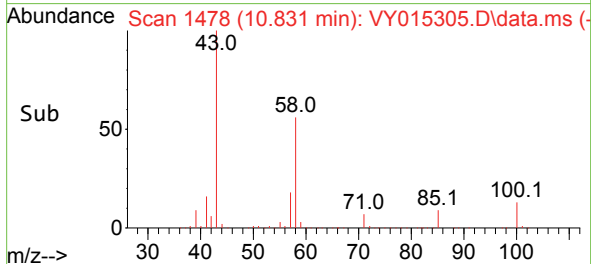
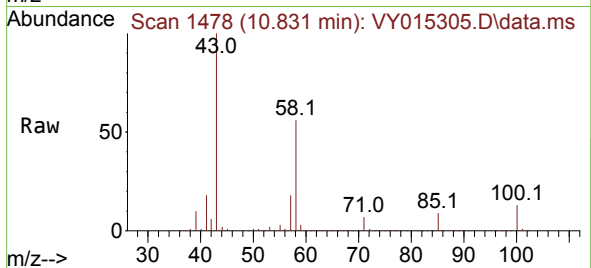




#59
2-Hexanone
Concen: 279.861 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

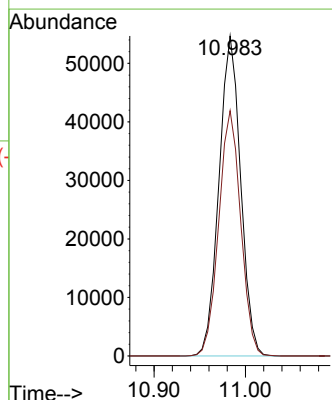
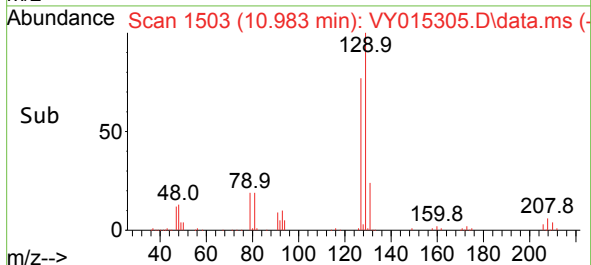
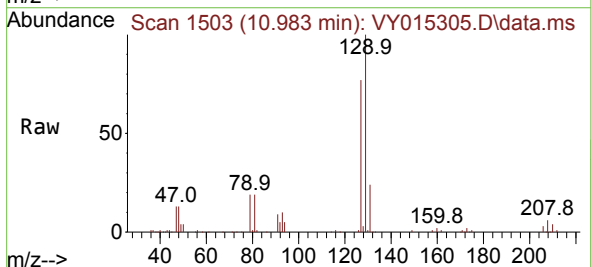
Instrument :
MSVOA_Y
ClientSampleId :

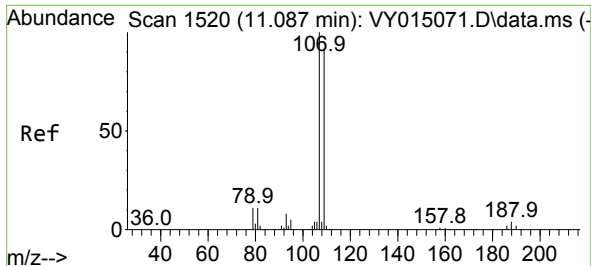
Tgt Ion: 43 Resp: 347621
Ion Ratio Lower Upper
43 100
58 54.9 25.1 75.3



#60
Dibromochloromethane
Concen: 54.142 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 129 Resp: 90081
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

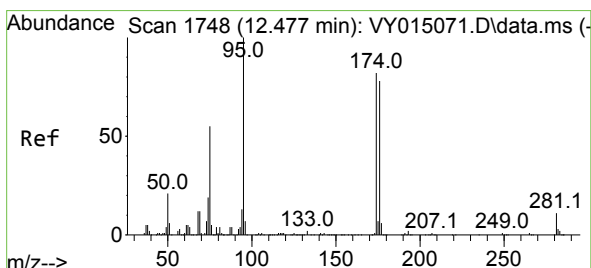
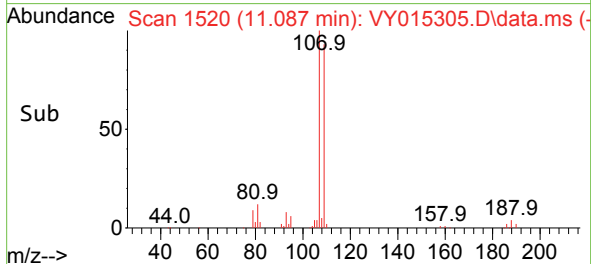
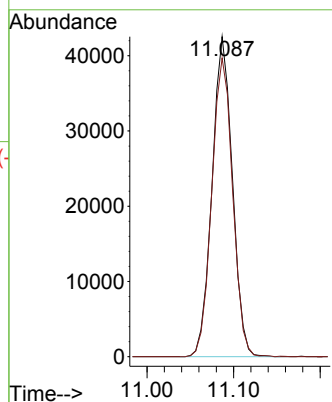
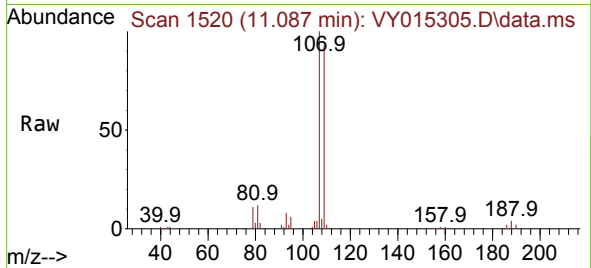




#61
1,2-Dibromoethane
Concen: 52.274 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

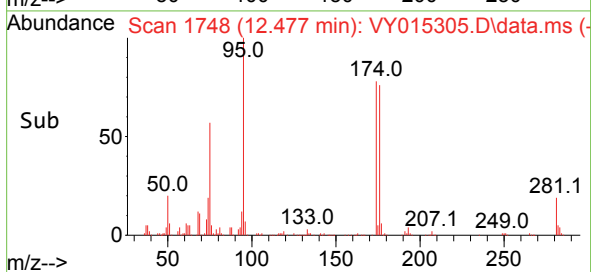
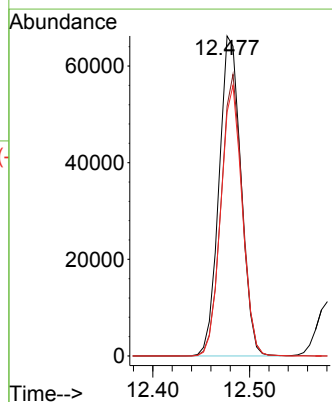
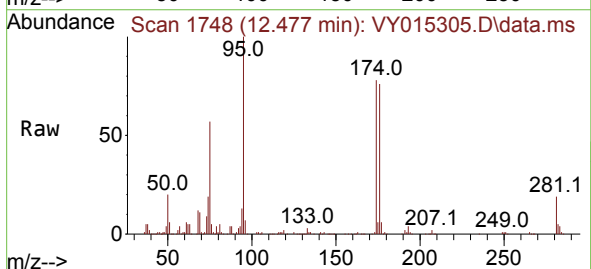
Instrument :
MSVOA_Y
ClientSampleId :

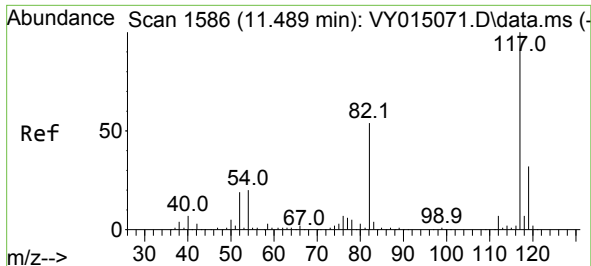
Tgt Ion:107 Resp: 69263
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion: 95 Resp: 104234
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.3 0.0 173.8

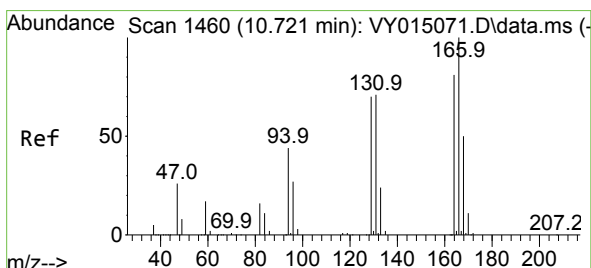
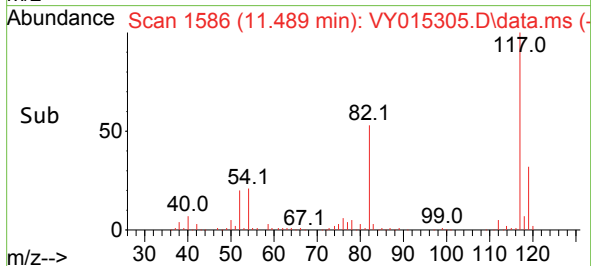
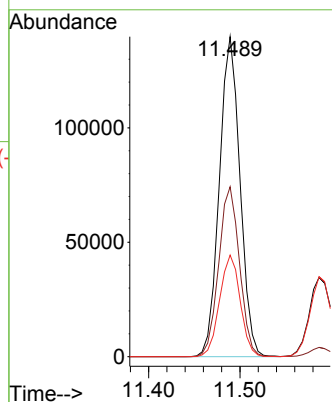
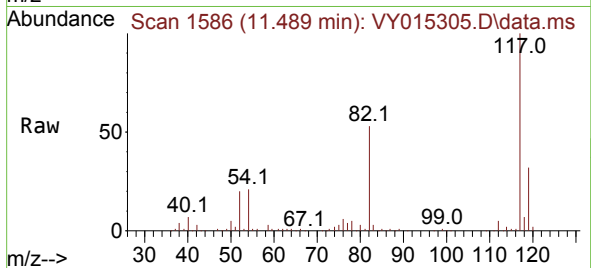




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

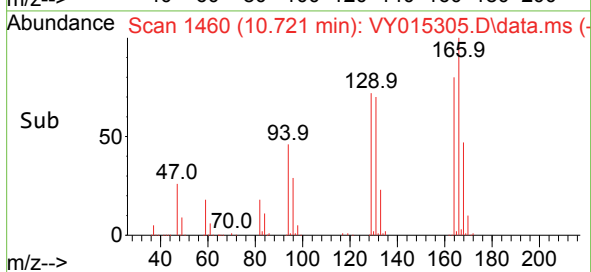
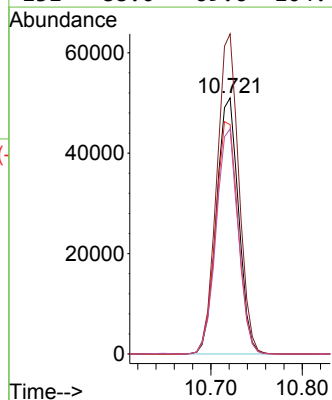
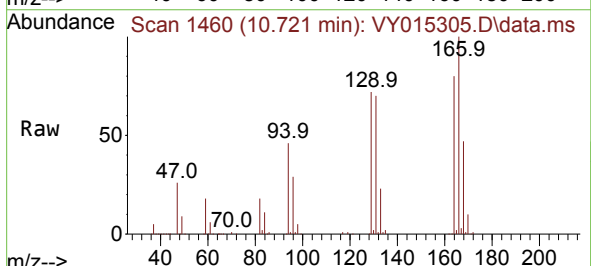
Instrument :
MSVOA_Y
ClientSampleId :

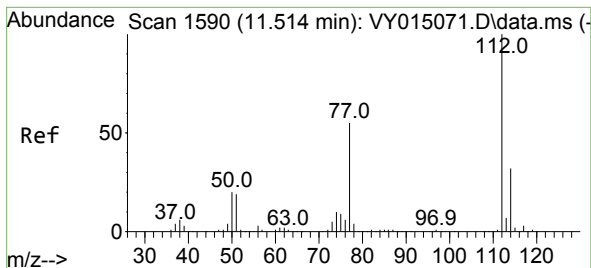
Tgt Ion:117 Resp: 219683
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 56.228 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion:164 Resp: 86059
Ion Ratio Lower Upper
164 100
166 125.0 103.0 154.6
129 89.6 77.2 115.8
131 88.0 69.6 104.4

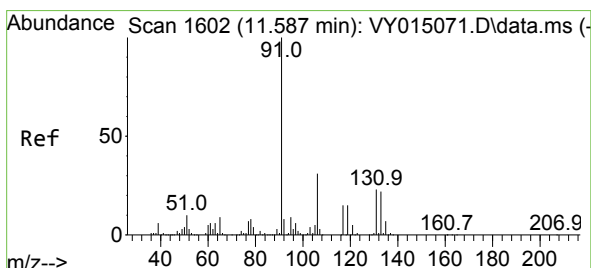
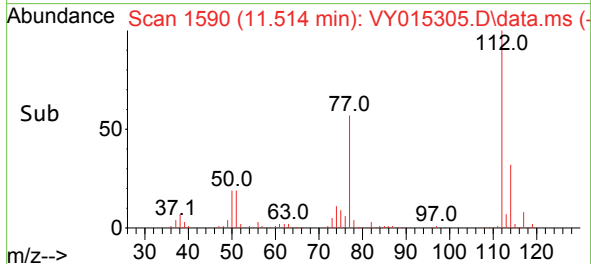
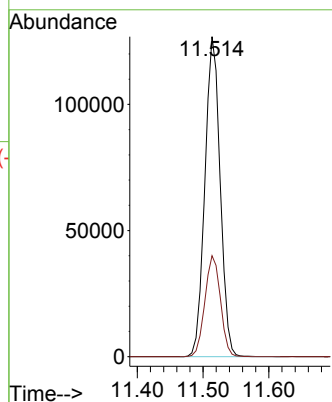
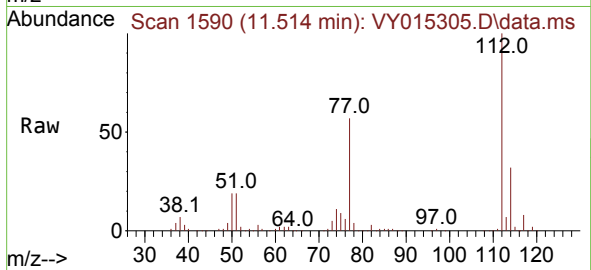




#65
Chlorobenzene
Concen: 51.211 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

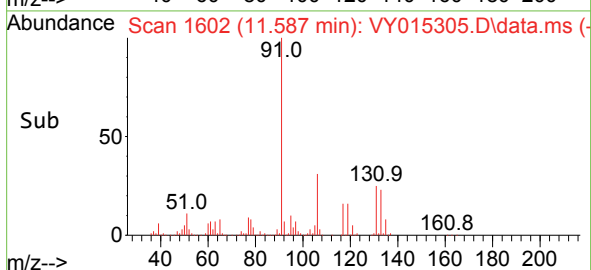
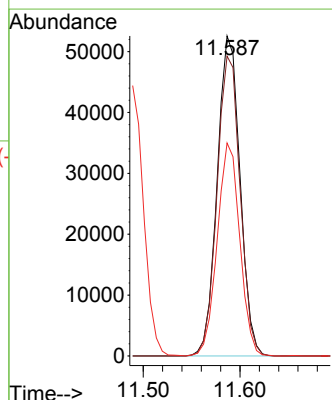
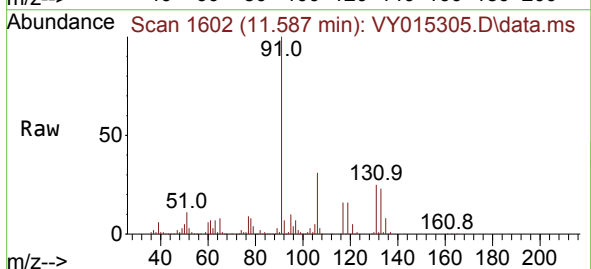
Instrument :
MSVOA_Y
ClientSampleId :

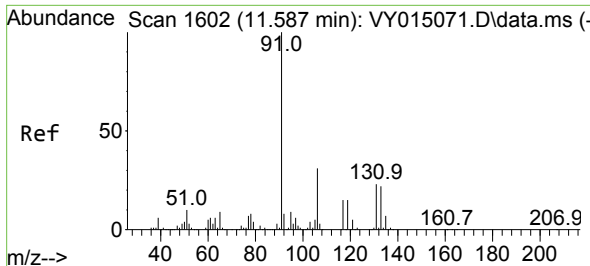
Tgt Ion:112 Resp: 204982
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.913 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion:131 Resp: 85936
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 50.565 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

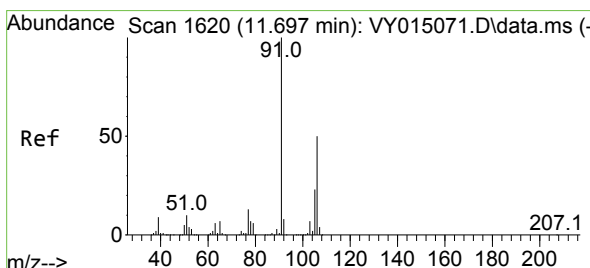
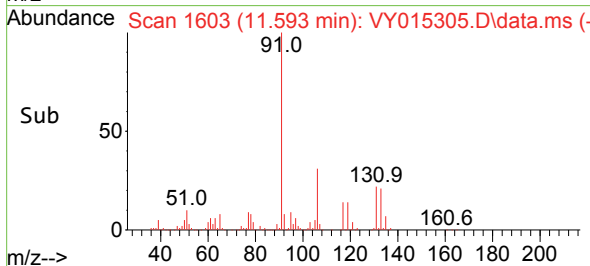
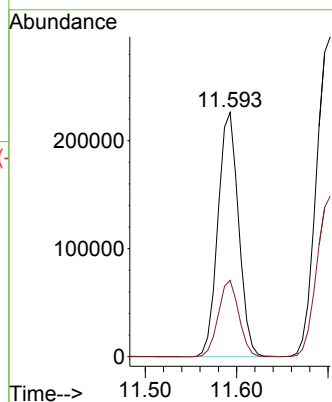
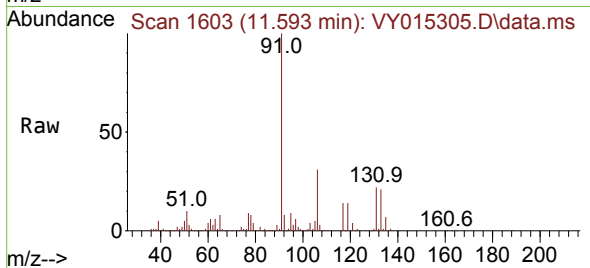
ClientSampleId :

Tgt Ion: 91 Resp: 354612

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 100.670 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015305.D

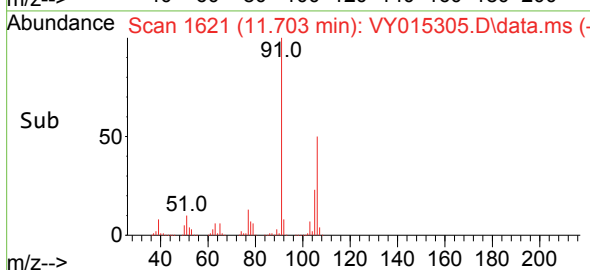
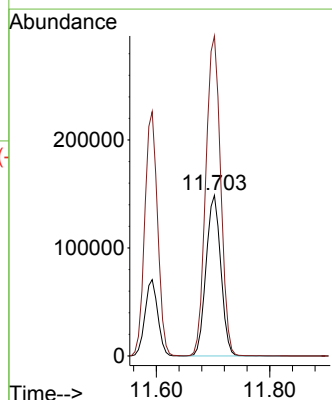
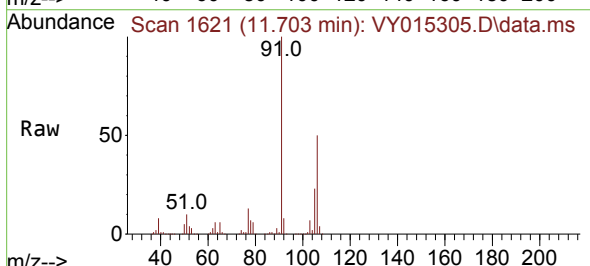
Acq: 24 Aug 2023 00:48

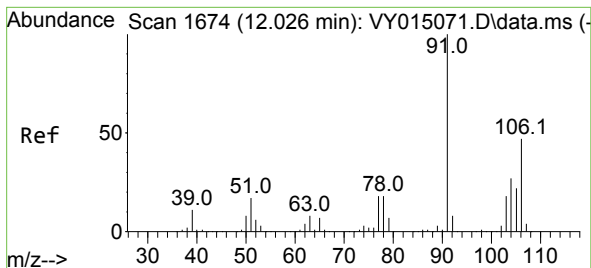
Tgt Ion:106 Resp: 268140

Ion Ratio Lower Upper

106 100

91 200.9 166.1 249.1





#69

o-Xylene

Concen: 50.612 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

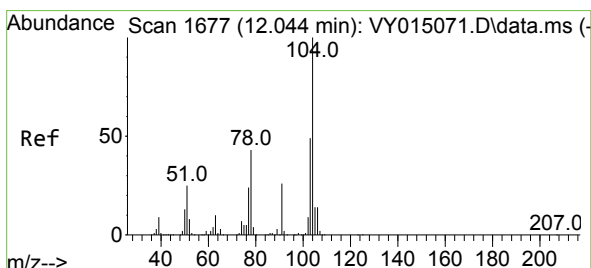
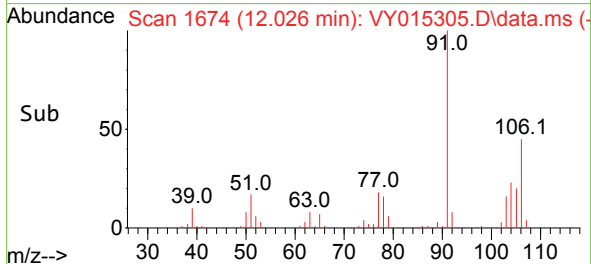
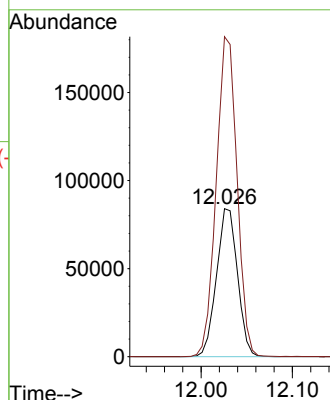
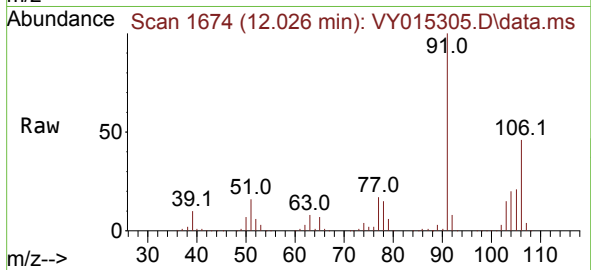
ClientSampleId :

Tgt Ion:106 Resp: 134294

Ion Ratio Lower Upper

106 100

91 214.4 108.1 324.3



#70

Styrene

Concen: 52.571 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

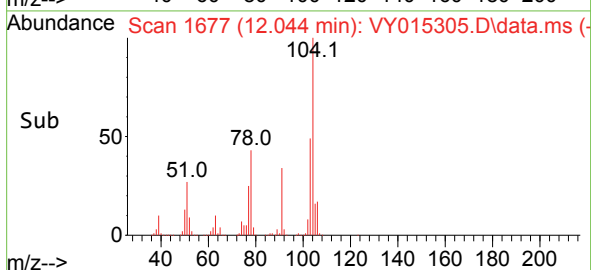
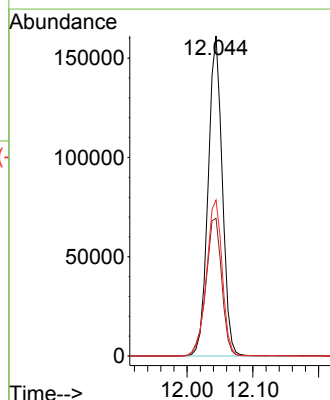
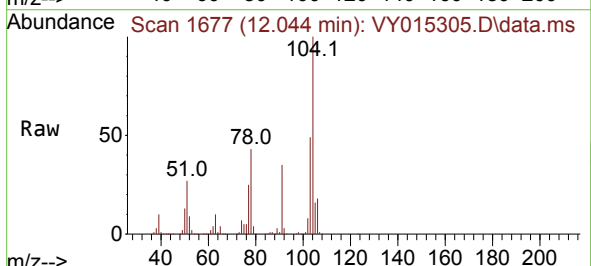
Tgt Ion:104 Resp: 241429

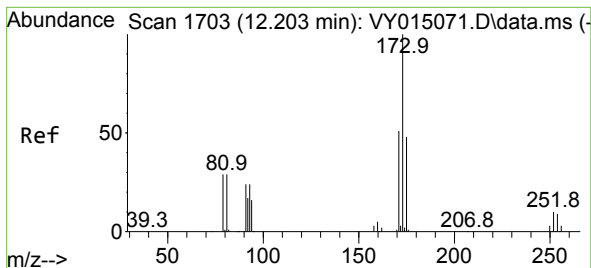
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 54.0 44.6 67.0





#71

Bromoform

Concen: 52.179 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

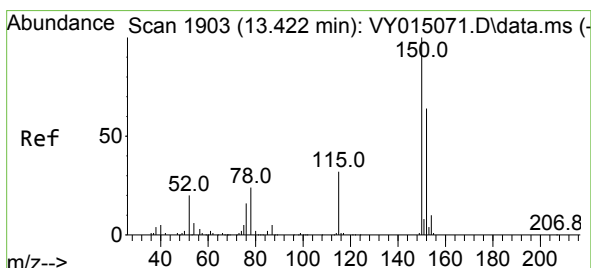
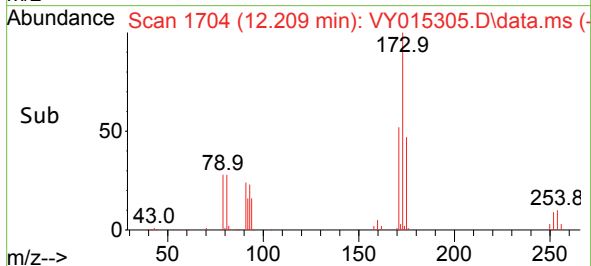
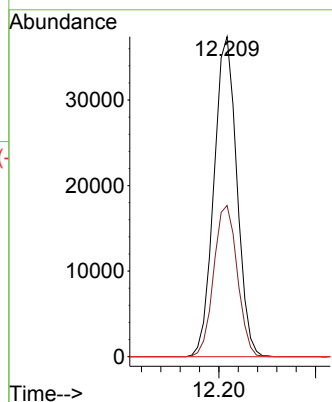
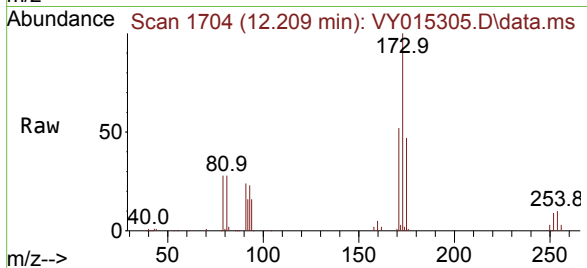
Tgt Ion:173 Resp: 61432

Ion Ratio Lower Upper

173 100

175 48.6 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: VY015305.D

Acq: 24 Aug 2023 00:48

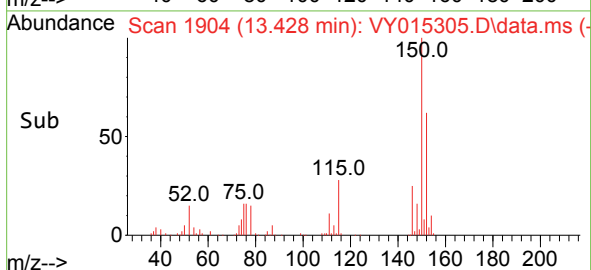
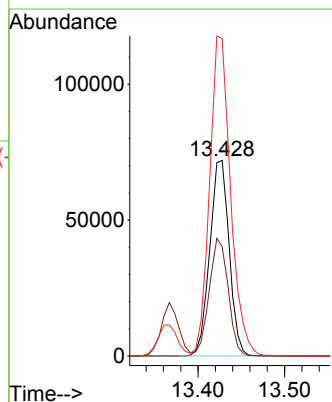
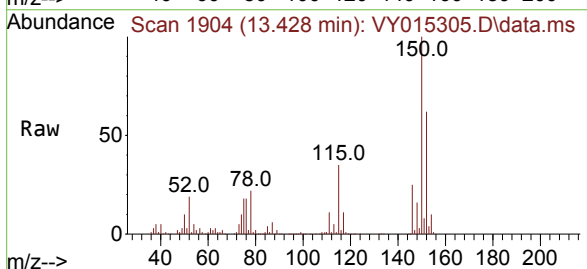
Tgt Ion:152 Resp: 112244

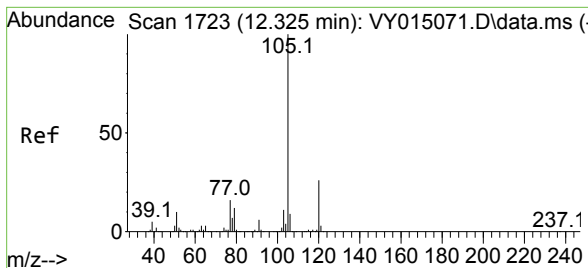
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 176.4 0.0 348.8





#73

Isopropylbenzene

Concen: 50.304 ug/l

RT: 12.330 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

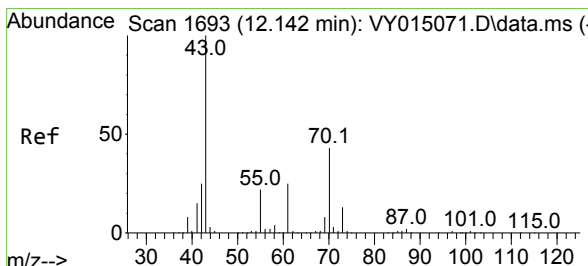
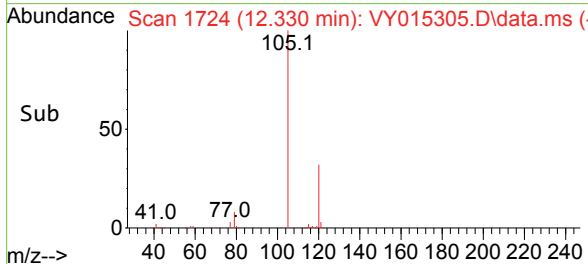
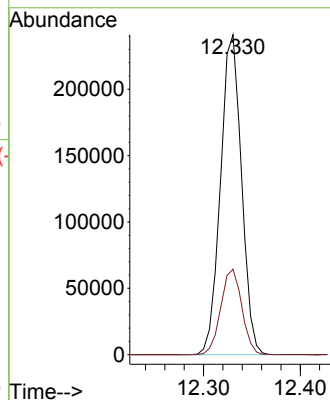
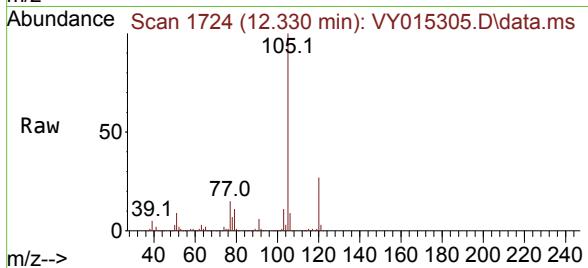
ClientSampleId :

Tgt Ion:105 Resp: 363074

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 52.620 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Tgt Ion: 43 Resp: 137124

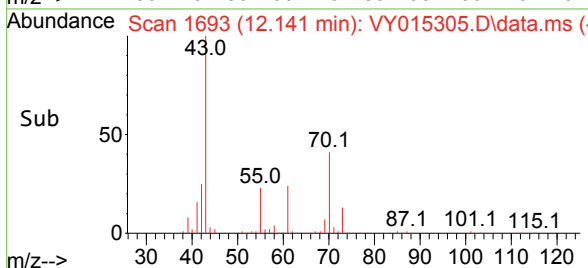
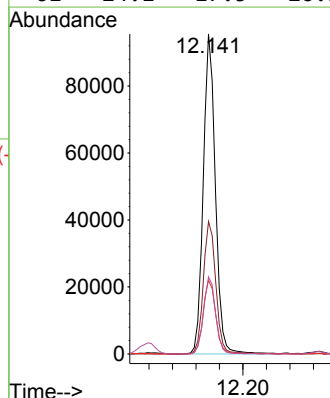
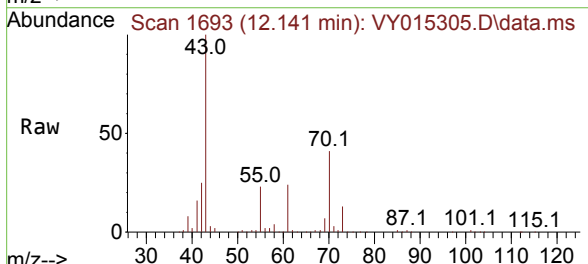
Ion Ratio Lower Upper

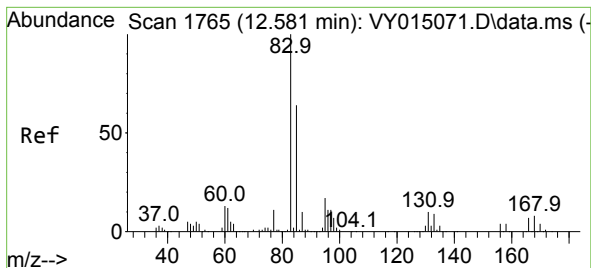
43 100

70 42.8 29.7 44.5

55 24.0 18.3 27.5

61 24.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.874 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

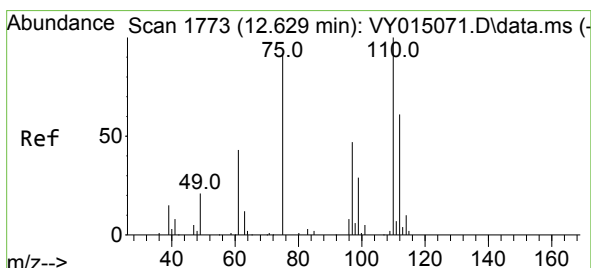
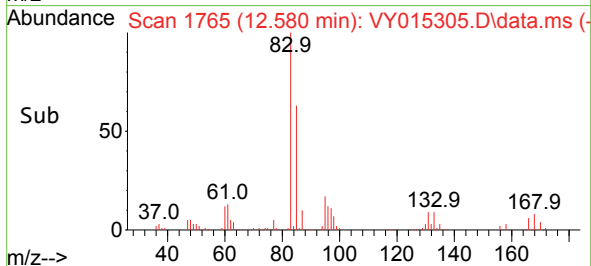
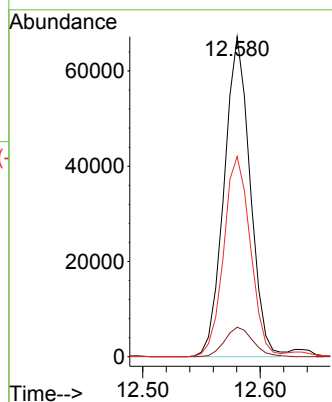
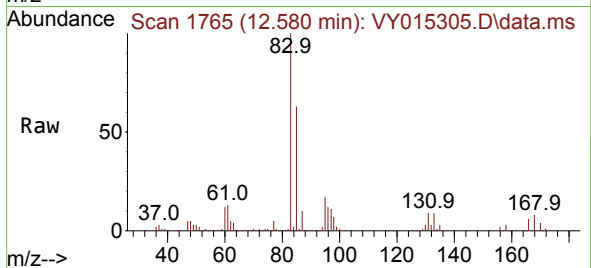
Tgt Ion: 83 Resp: 103153

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.937 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015305.D

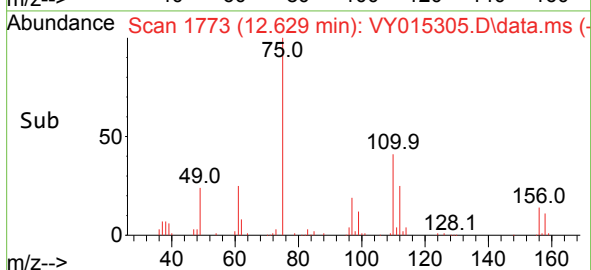
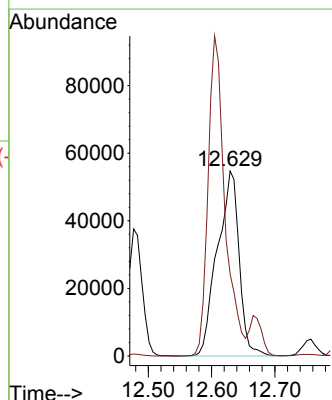
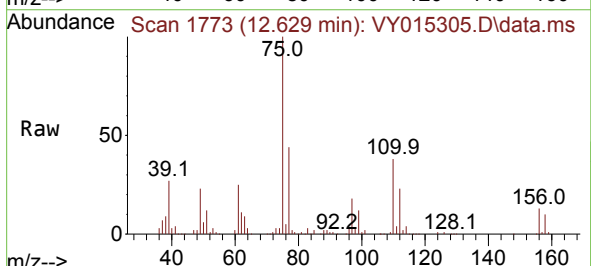
Acq: 24 Aug 2023 00:48

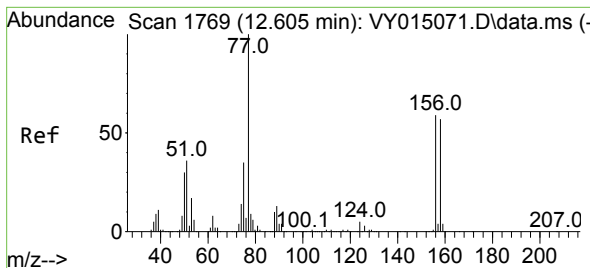
Tgt Ion: 75 Resp: 130828

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.819 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

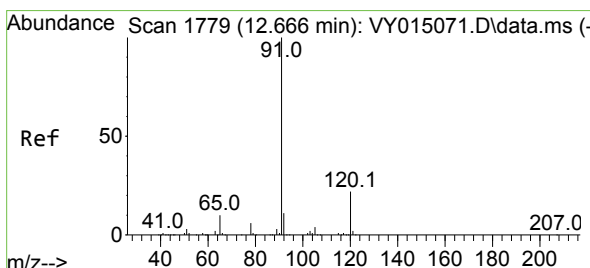
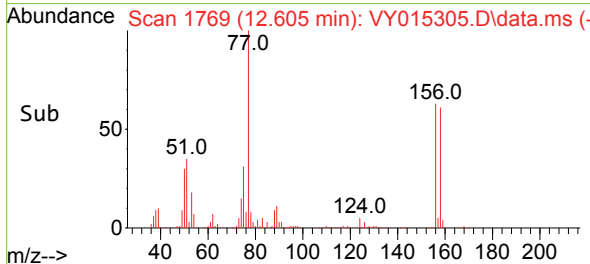
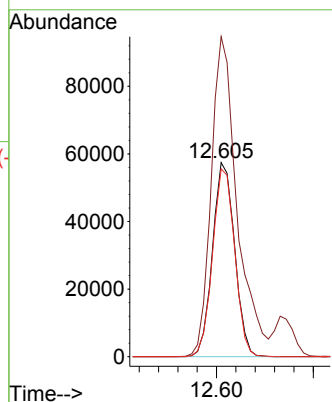
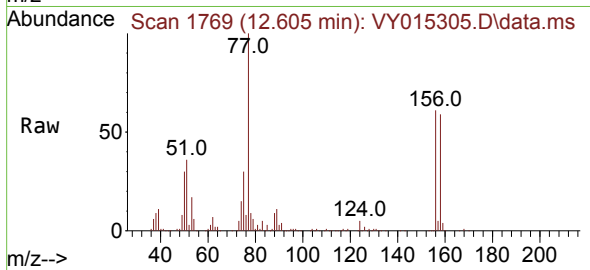
Tgt Ion:156 Resp: 91167

Ion Ratio Lower Upper

156 100

77 193.1 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 50.971 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015305.D

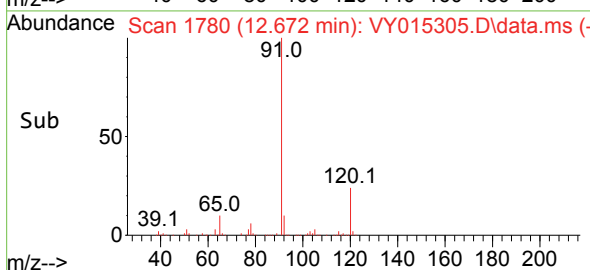
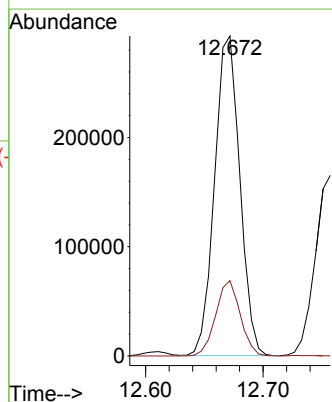
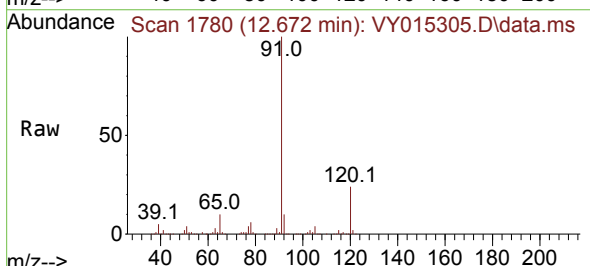
Acq: 24 Aug 2023 00:48

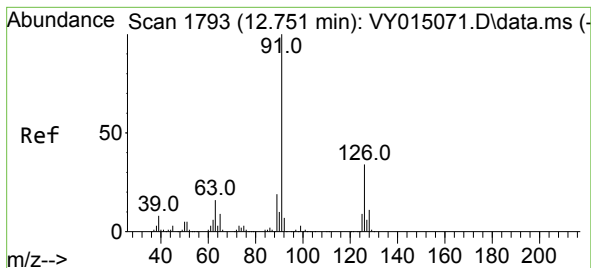
Tgt Ion: 91 Resp: 436869

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.328 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

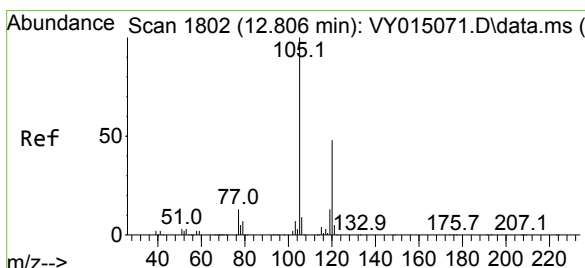
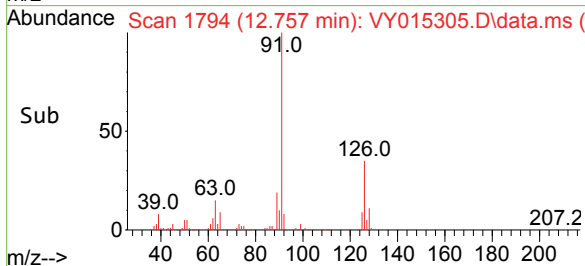
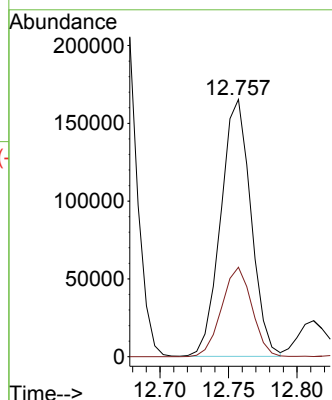
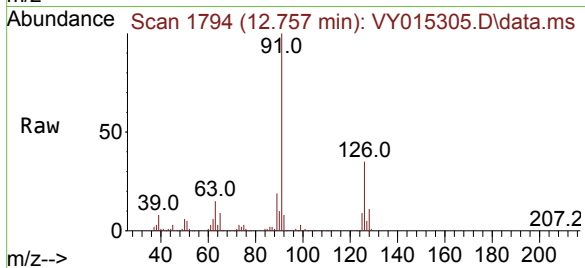
ClientSampleId :

Tgt Ion: 91 Resp: 253784

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 50.837 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY015305.D

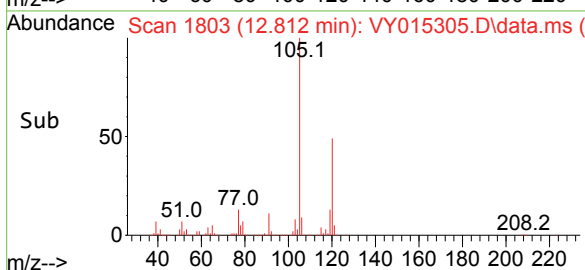
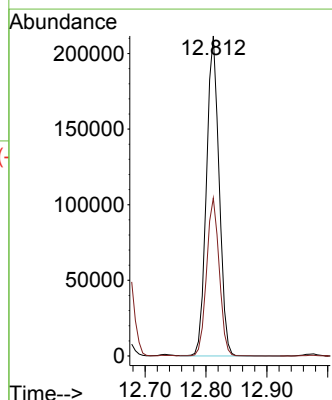
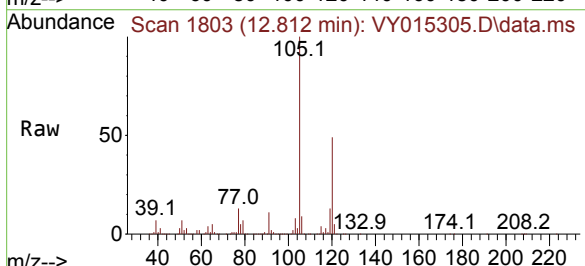
Acq: 24 Aug 2023 00:48

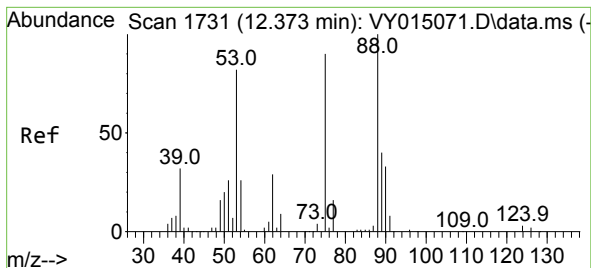
Tgt Ion: 105 Resp: 305860

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7

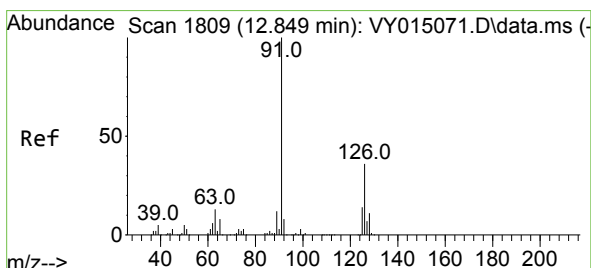
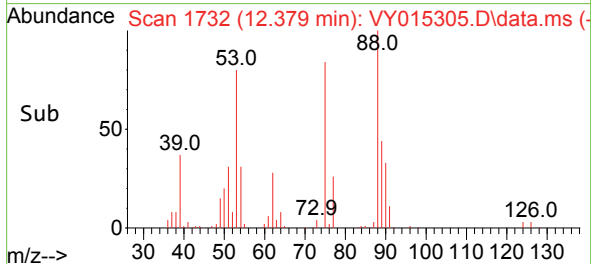
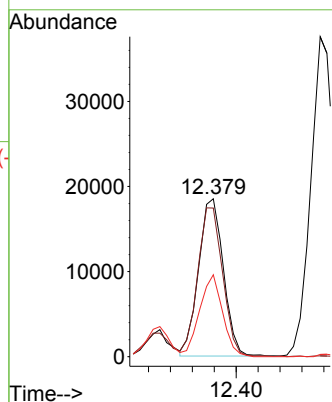
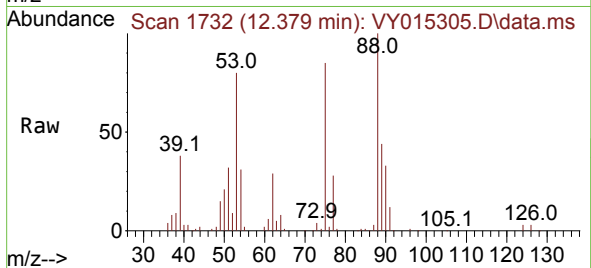




#81
trans-1,4-Dichloro-2-butene
Concen: 46.863 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

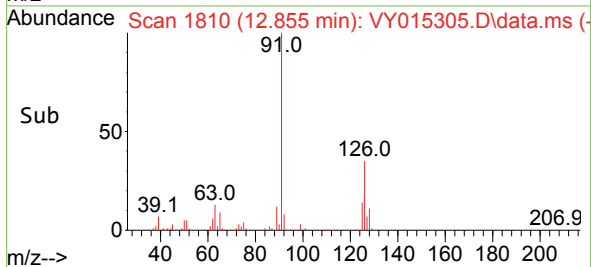
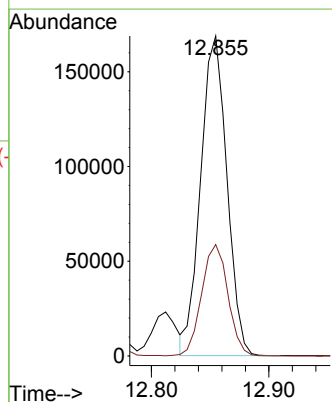
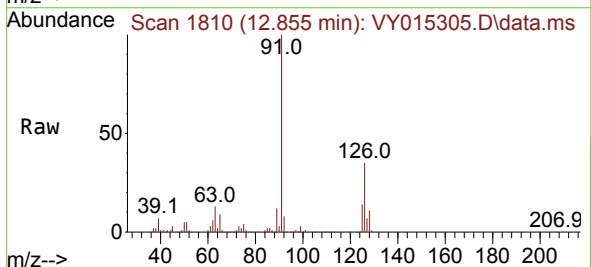
Instrument :
MSVOA_Y
ClientSampleId :

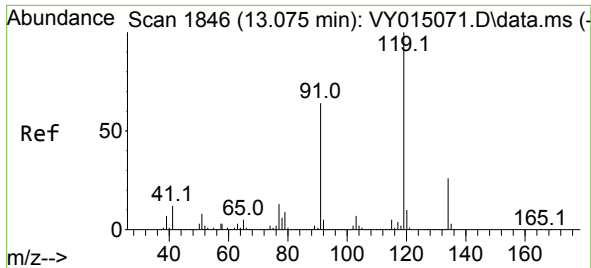
Tgt Ion: 75 Resp: 29095
Ion Ratio Lower Upper
75 100
53 95.7 77.8 116.8
89 48.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.257 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

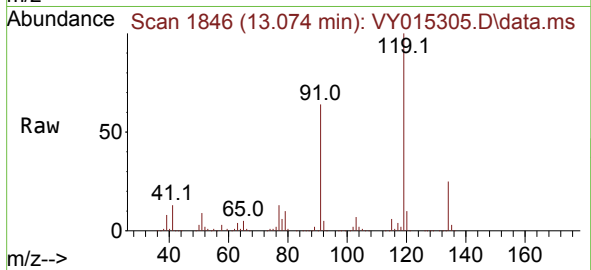
Tgt Ion: 91 Resp: 261829
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6



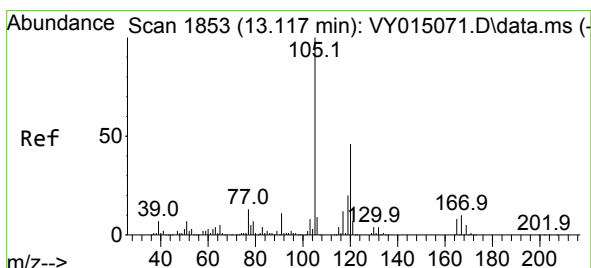
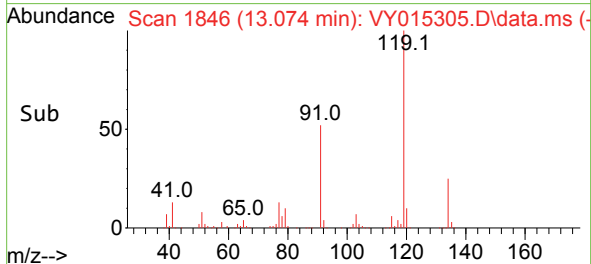
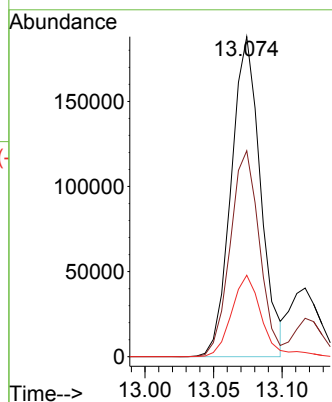


#83
tert-Butylbenzene
Concen: 51.069 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Instrument :
MSVOA_Y
ClientSampleId :

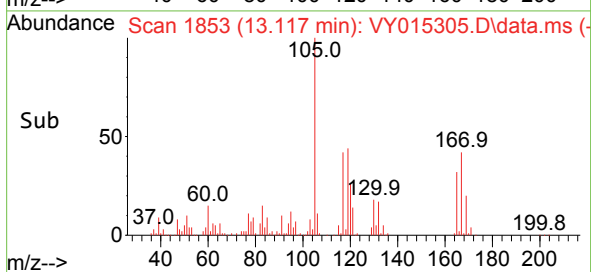
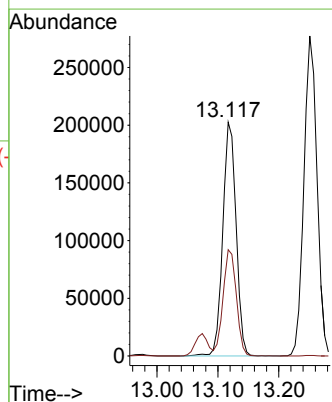
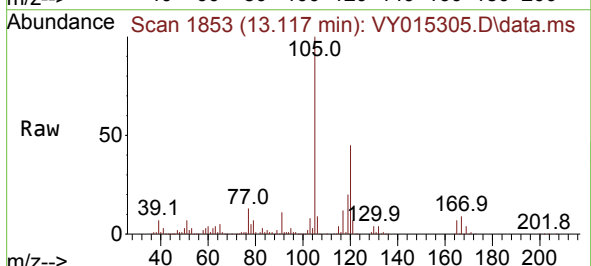


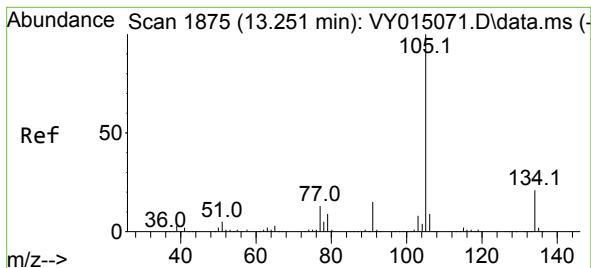
Tgt Ion:119 Resp: 281035
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 51.219 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY015305.D
Acq: 24 Aug 2023 00:48

Tgt Ion:105 Resp: 307925
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.292 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

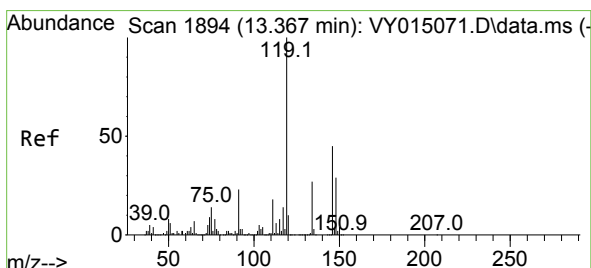
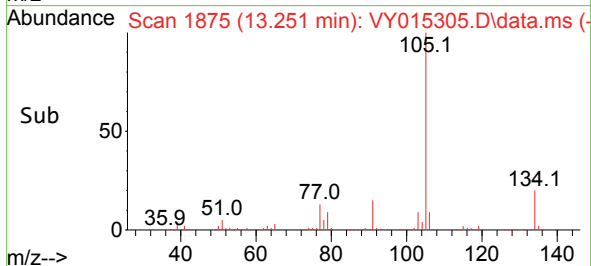
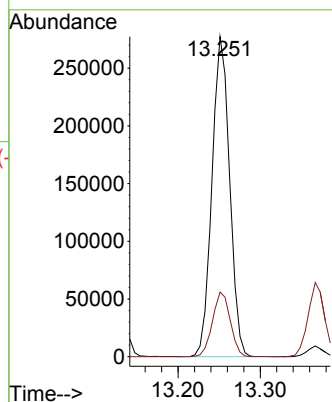
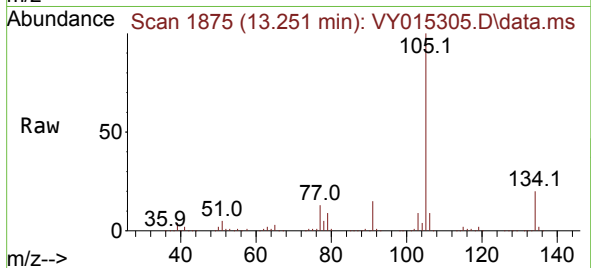
ClientSampleId :

Tgt Ion:105 Resp: 413575

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.641 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

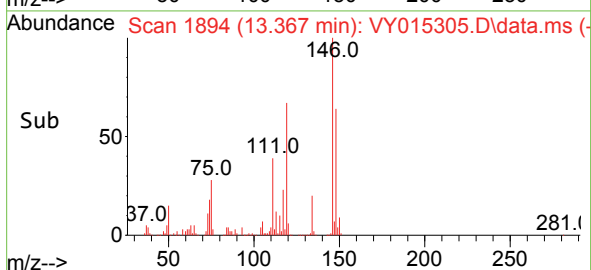
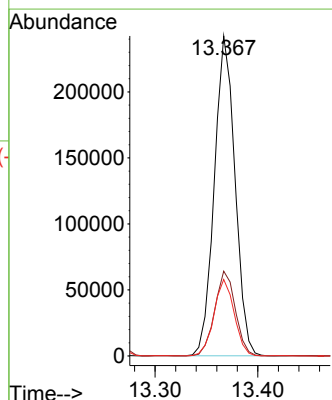
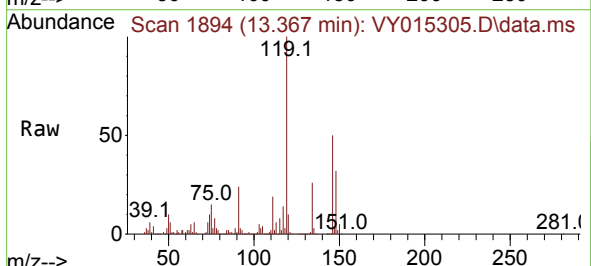
Tgt Ion:119 Resp: 338536

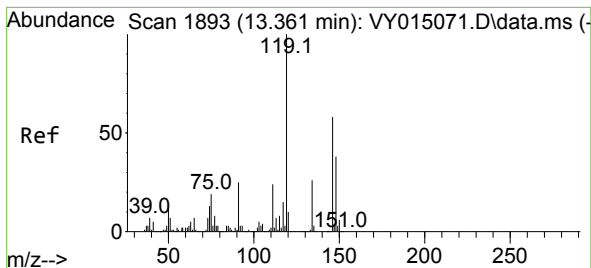
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.949 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

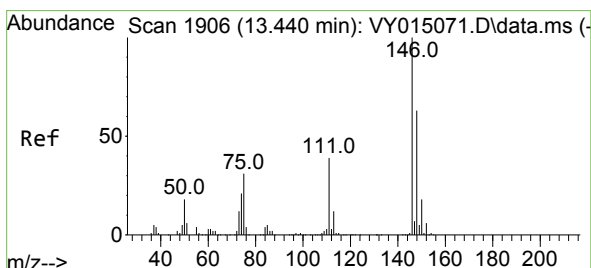
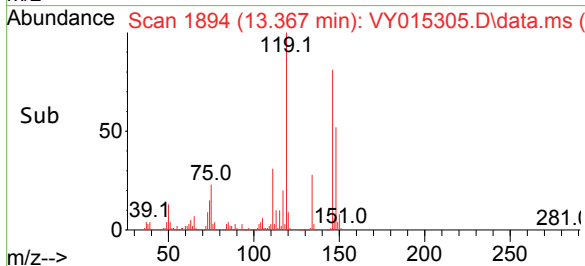
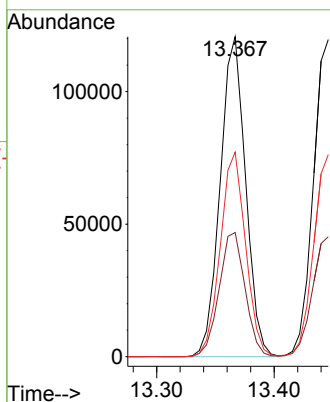
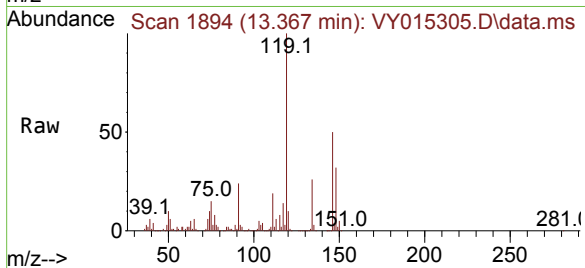
Tgt Ion:146 Resp: 181276

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.966 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

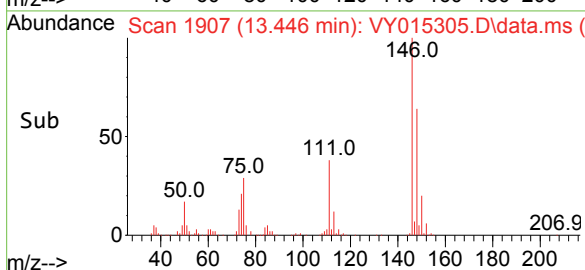
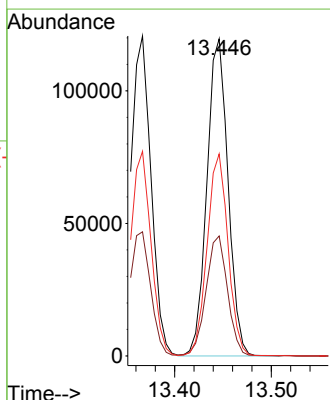
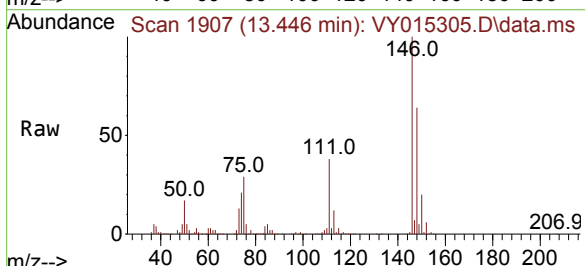
Tgt Ion:146 Resp: 181879

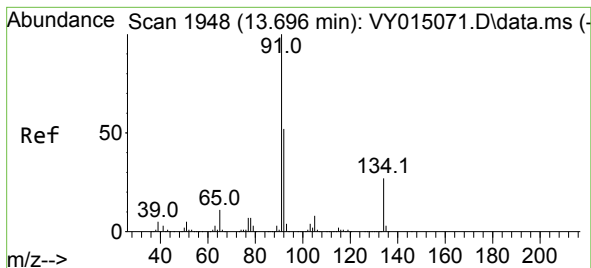
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 50.011 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

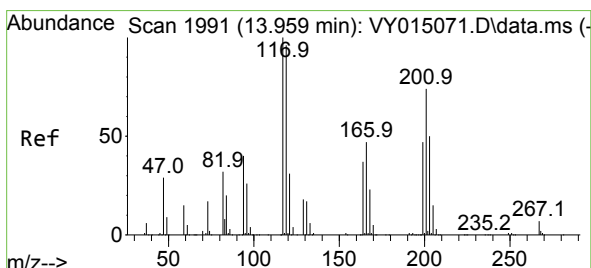
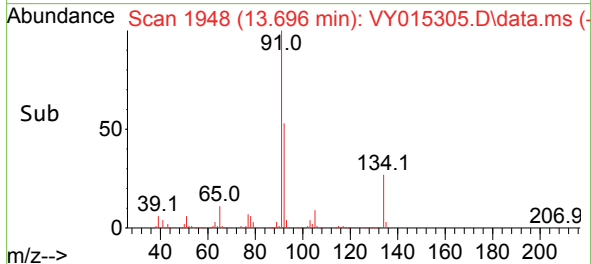
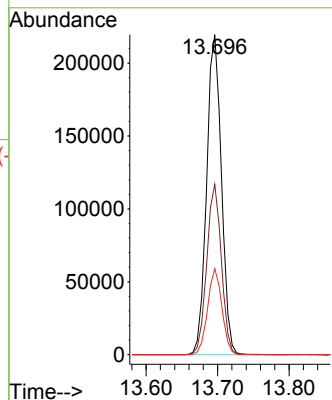
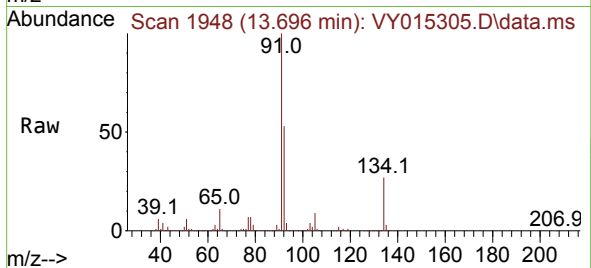
Tgt Ion: 91 Resp: 315223

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 49.836 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015305.D

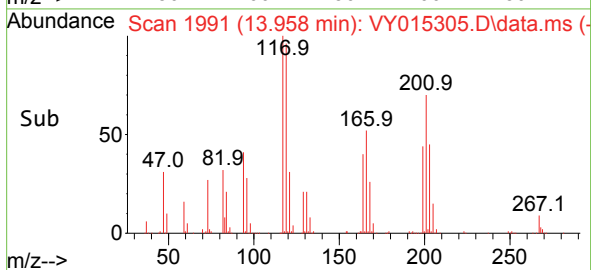
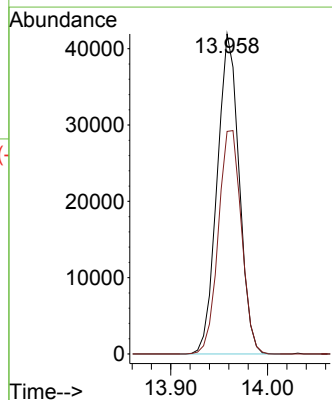
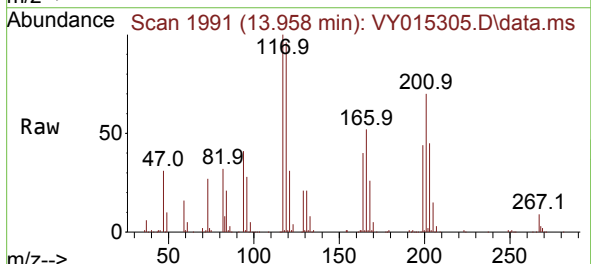
Acq: 24 Aug 2023 00:48

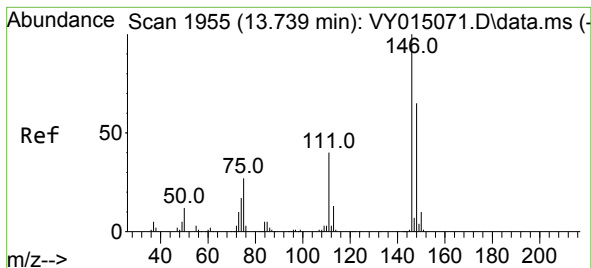
Tgt Ion: 117 Resp: 66093

Ion Ratio Lower Upper

117 100

201 73.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.481 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

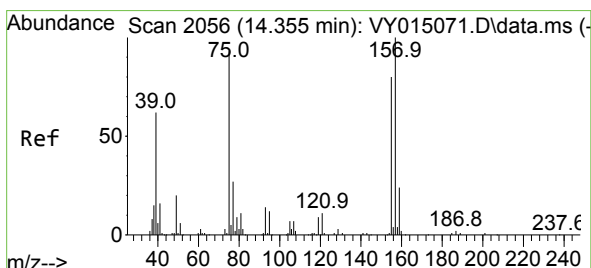
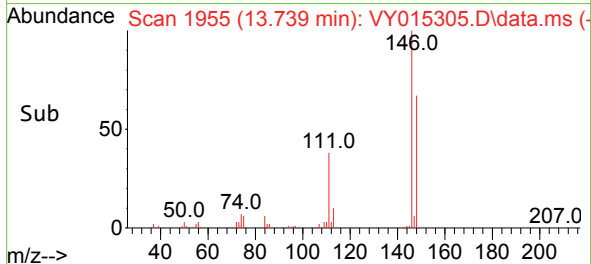
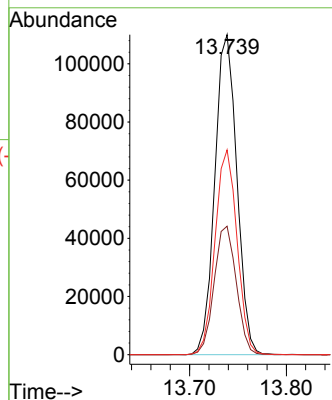
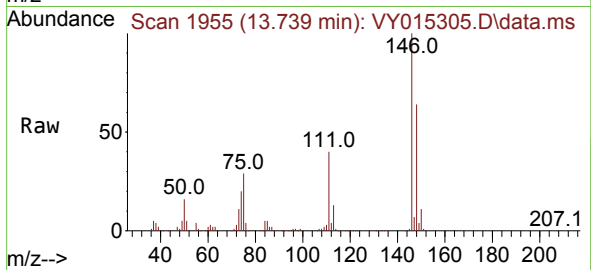
Tgt Ion:146 Resp: 174342

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.074 ug/l

RT: 14.354 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

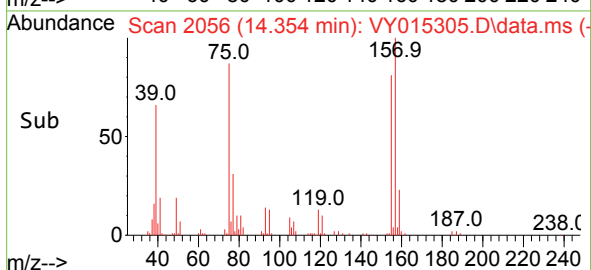
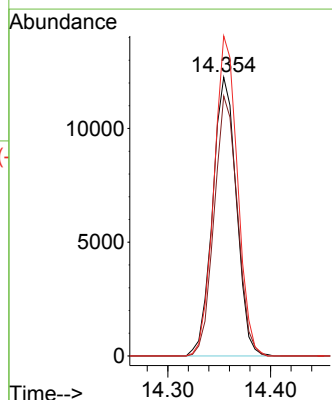
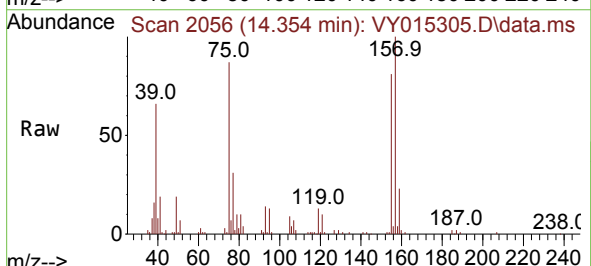
Tgt Ion: 75 Resp: 19691

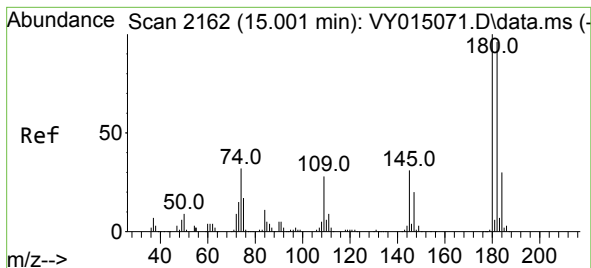
Ion Ratio Lower Upper

75 100

155 91.0 41.5 124.6

157 113.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.491 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

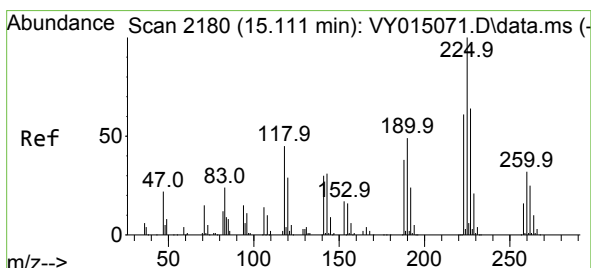
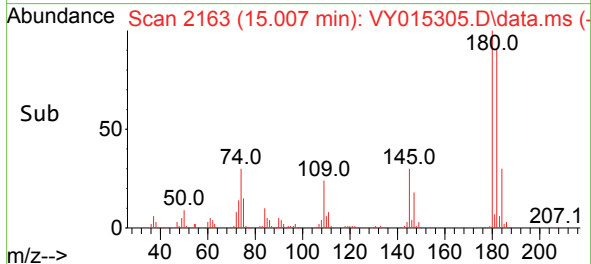
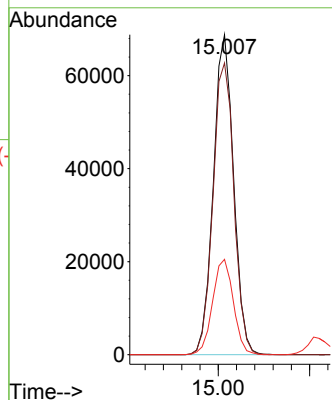
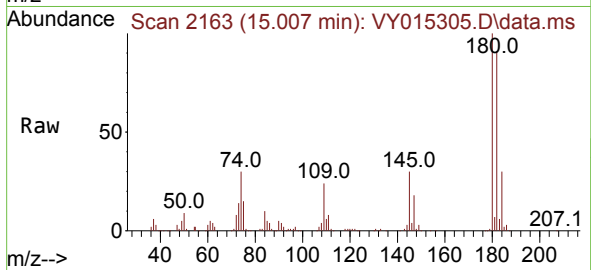
Tgt Ion:180 Resp: 105668

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.201 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

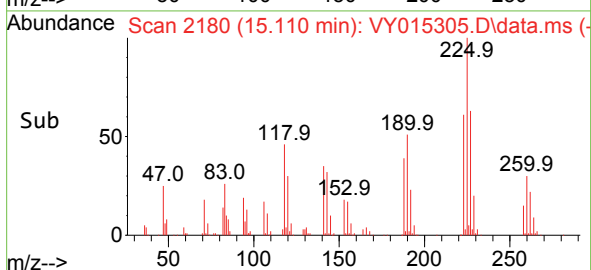
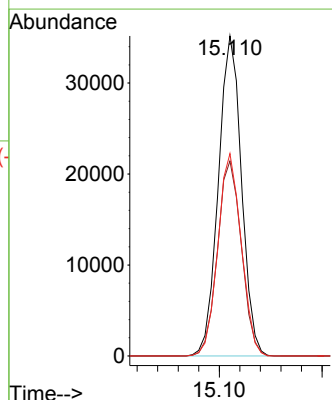
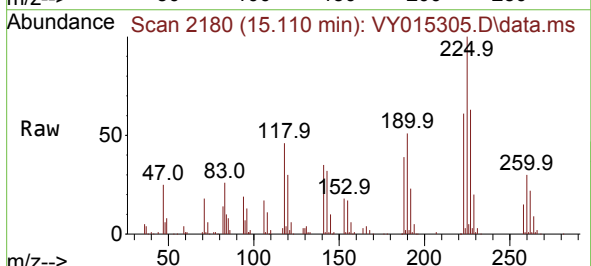
Tgt Ion:225 Resp: 54871

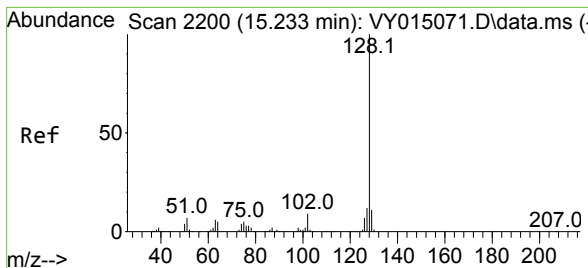
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 52.394 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Instrument :

MSVOA_Y

ClientSampleId :

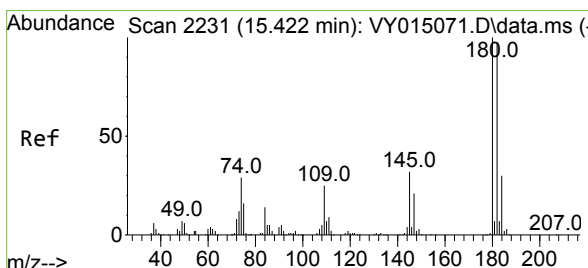
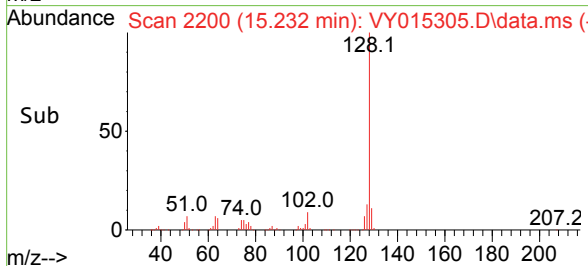
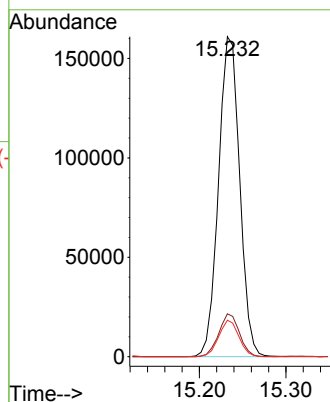
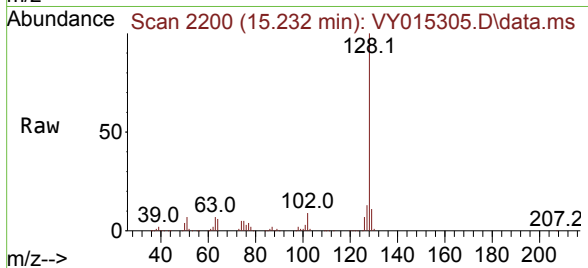
Tgt Ion:128 Resp: 273149

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.031 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015305.D

Acq: 24 Aug 2023 00:48

Tgt Ion:180 Resp: 98341

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.9 15.4 46.2

