

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013191.D
 Acq On : 04 Apr 2023 15:53
 Operator : KP/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Quant Time: Apr 05 01:18:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70346	51.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.840%	
35) Dibromofluoromethane	7.716	113	63419	50.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.179	98	239883	50.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.477	95	79319	51.439	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	25881	20.739	ug/l	100
3) Chloromethane	2.113	50	24715	18.991	ug/l	99
4) Vinyl Chloride	2.247	62	24660	18.900	ug/l	100
5) Bromomethane	2.638	94	17112	18.583	ug/l	96
6) Chloroethane	2.790	64	15408	18.852	ug/l	96
7) Trichlorofluoromethane	3.119	101	42933	18.488	ug/l	99
8) Diethyl Ether	3.522	74	15148	20.773	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	26212	20.473	ug/l	98
10) Methyl Iodide	4.082	142	31597	18.952	ug/l	98
11) Tert butyl alcohol	4.948	59	16145	130.934	ug/l	97
12) 1,1-Dichloroethene	3.869	96	24529	19.819	ug/l	95
13) Acrolein	3.729	56	16790	97.030	ug/l	99
14) Allyl chloride	4.473	41	43138	20.456	ug/l	98
15) Acrylonitrile	5.155	53	40197	110.932	ug/l	99
16) Acetone	3.948	43	42398	101.347	ug/l	97
17) Carbon Disulfide	4.186	76	74063	17.969	ug/l	99
18) Methyl Acetate	4.473	43	29648	22.492	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	67796	21.617	ug/l	99
20) Methylene Chloride	4.716	84	38102	23.541	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	28029	20.100	ug/l	96
22) Diisopropyl ether	6.112	45	87790	21.308	ug/l	95
23) Vinyl Acetate	6.058	43	253160	108.054	ug/l	97
24) 1,1-Dichloroethane	6.015	63	49865	20.436	ug/l	99
25) 2-Butanone	6.978	43	58394	111.631	ug/l	97
26) 2,2-Dichloropropane	6.978	77	45927	20.926	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	30616	20.379	ug/l	98
28) Bromochloromethane	7.326	49	20521	19.600	ug/l	96
29) Tetrahydrofuran	7.344	42	35339	114.123	ug/l	98
30) Chloroform	7.503	83	51284	20.296	ug/l	100
31) Cyclohexane	7.783	56	44049	19.722	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	46642	20.878	ug/l	99
36) 1,1-Dichloropropene	7.911	75	38837	20.558	ug/l	99
37) Ethyl Acetate	7.070	43	24769	23.081	ug/l	98
38) Carbon Tetrachloride	7.899	117	43534	20.886	ug/l	95
39) Methylcyclohexane	9.179	83	44393	20.030	ug/l	98
40) Benzene	8.161	78	113444	20.791	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34159	71.751	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	35980	21.523	ug/l	99
43) Isopropyl Acetate	8.271	43	43976	22.893	ug/l	99
44) Trichloroethene	8.941	130	31404	20.908	ug/l	96
45) 1,2-Dichloropropane	9.210	63	28121	20.582	ug/l	98
46) Dibromomethane	9.301	93	16438	20.943	ug/l	95
47) Bromodichloromethane	9.496	83	40094	21.171	ug/l	98
48) Methyl methacrylate	9.289	41	19673	21.990	ug/l	97
49) 1,4-Dioxane	9.301	88	4310	461.586	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	116988	112.848	ug/l	99
52) Toluene	10.240	92	70596	20.858	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	40897	21.127	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	45814	20.723	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	22977	21.178	ug/l	98
56) Ethyl methacrylate	10.508	69	29774	21.827	ug/l	97
57) 1,3-Dichloropropane	10.788	76	39162	21.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	69778	109.400	ug/l	96
59) 2-Hexanone	10.831	43	84226	112.338	ug/l	99
60) Dibromochloromethane	10.984	129	29806	21.873	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22604	21.503	ug/l	99
64) Tetrachloroethene	10.715	164	28625	22.478	ug/l	98
65) Chlorobenzene	11.514	112	73082	20.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	28877	21.904	ug/l	99
67) Ethyl Benzene	11.593	91	130343	21.461	ug/l	98
68) m/p-Xylenes	11.703	106	103601	44.096	ug/l	100
69) o-Xylene	12.026	106	46986	21.561	ug/l	98
70) Styrene	12.044	104	80020	21.951	ug/l	99
71) Bromoform	12.203	173	18535	22.673	ug/l #	98
73) Isopropylbenzene	12.325	105	128357	21.175	ug/l	100
74) N-amyl acetate	12.142	43	37354	22.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	27863	21.944	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	36895	37.400	ug/l #	100
77) Bromobenzene	12.605	156	31596	20.966	ug/l	96
78) n-propylbenzene	12.666	91	157170	21.088	ug/l	100
79) 2-Chlorotoluene	12.752	91	88736	20.982	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	109753	21.657	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9669	21.858	ug/l	95
82) 4-Chlorotoluene	12.855	91	92845	21.094	ug/l	99
83) tert-Butylbenzene	13.075	119	95638	21.971	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	107812	21.723	ug/l	100
85) sec-Butylbenzene	13.251	105	137246	20.882	ug/l	100
86) p-Isopropyltoluene	13.367	119	112333	20.761	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	59290	19.847	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	62913	21.016	ug/l	99
89) n-Butylbenzene	13.697	91	110412	21.829	ug/l	98
90) Hexachloroethane	13.959	117	24490	21.727	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	59481	22.294	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5087	24.077	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	37471	24.084	ug/l	99
94) Hexachlorobutadiene	15.111	225	23524	24.584	ug/l	99
95) Naphthalene	15.233	128	71025	23.391	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	32960	24.045	ug/l	98

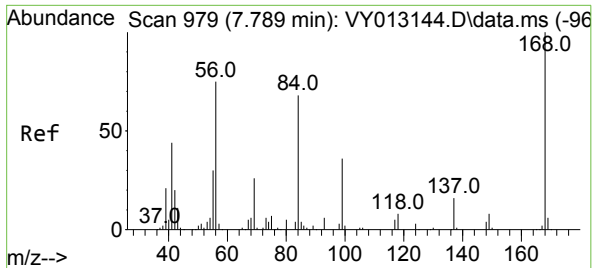
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Response via : Initial Calibration

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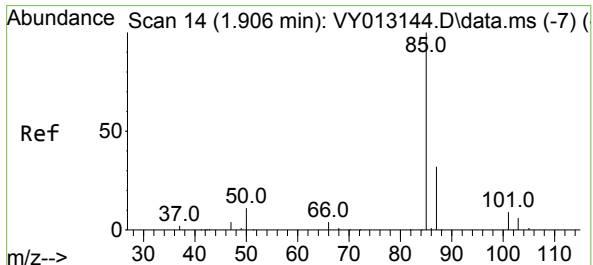
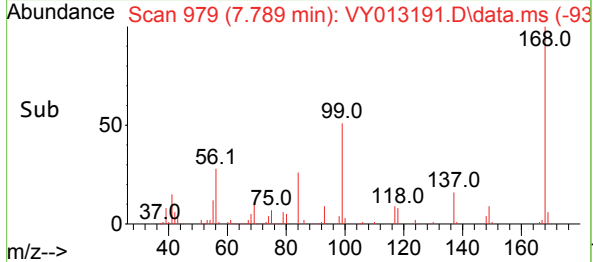
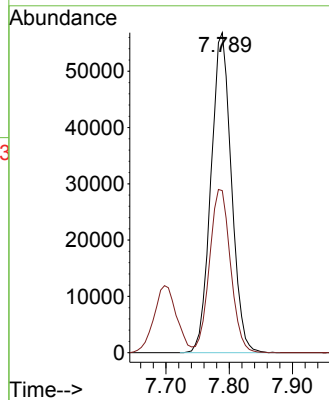
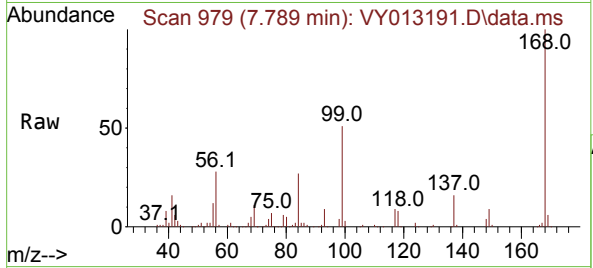
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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Acq: 04 Apr 2023 15:53

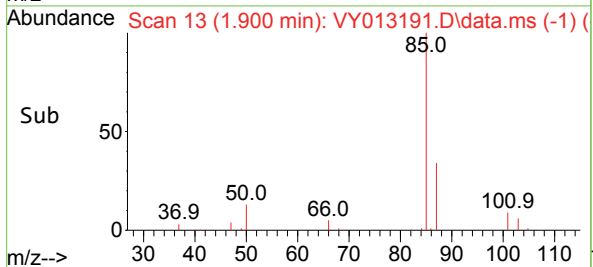
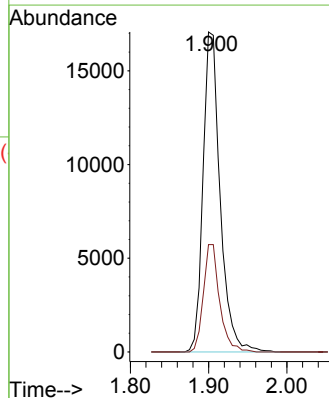
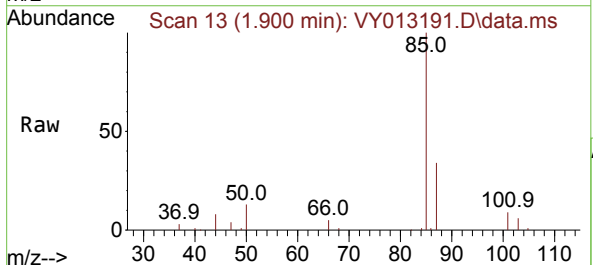
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ClientSampleId :
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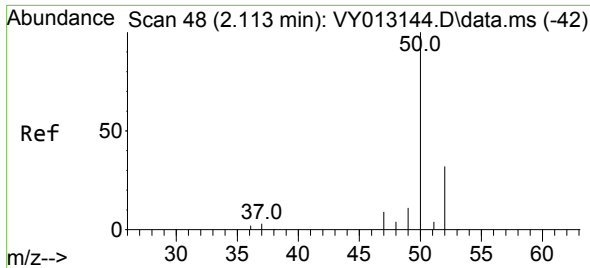
Tgt Ion:168 Resp: 127303
Ion Ratio Lower Upper
168 100
99 50.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.739 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 85 Resp: 25881
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.0

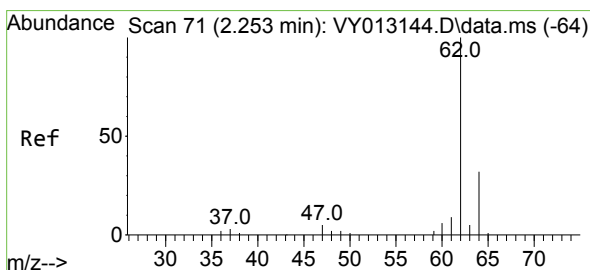
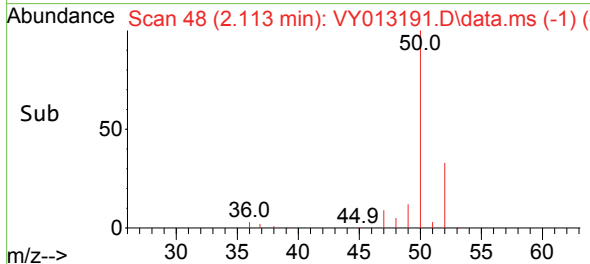
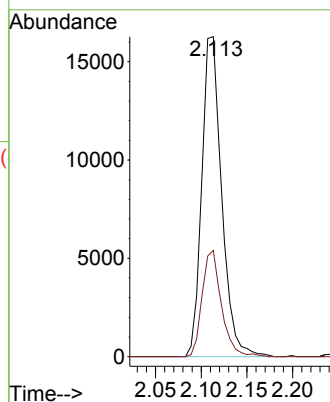
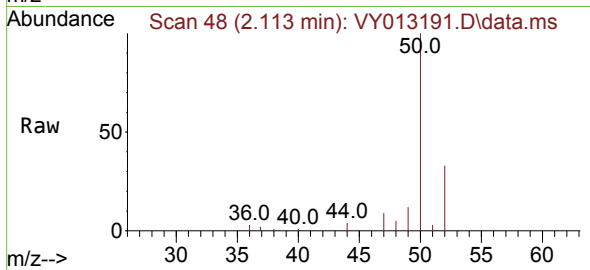




#3
Chloromethane
Concen: 18.991 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

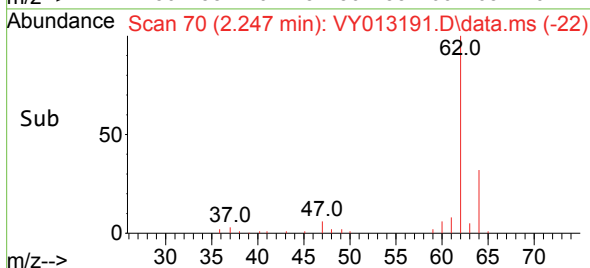
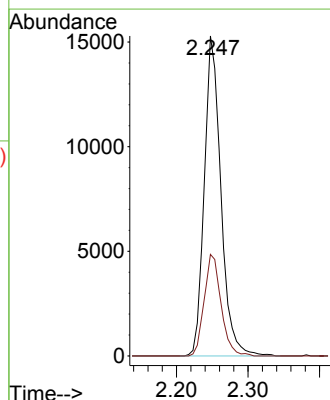
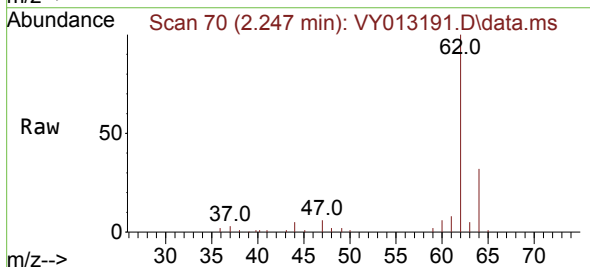
Instrument :
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ClientSampleId :
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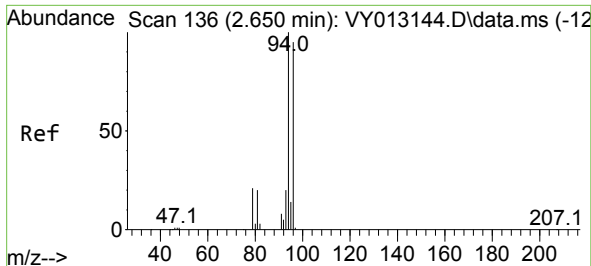
Tgt Ion: 50 Resp: 24715
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 18.900 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 62 Resp: 24660
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4

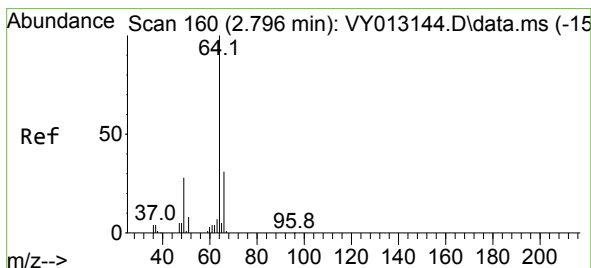
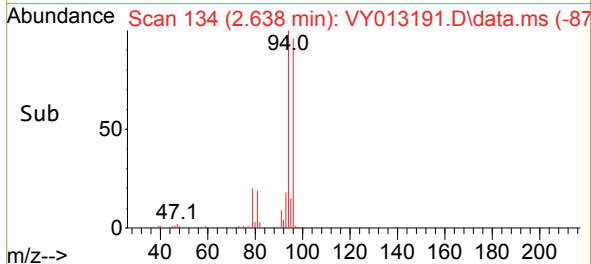
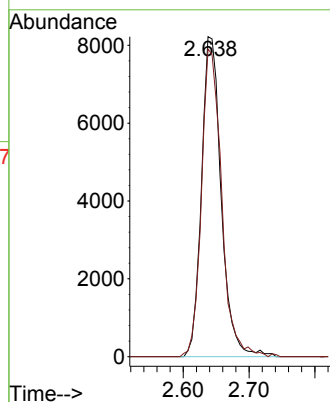
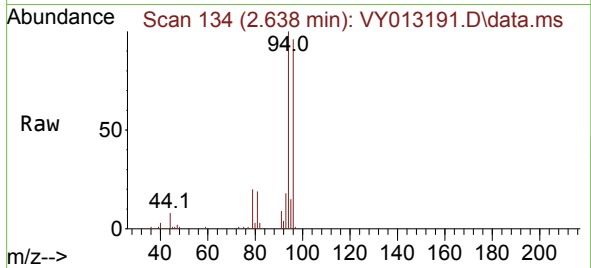




#5
Bromomethane
Concen: 18.583 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

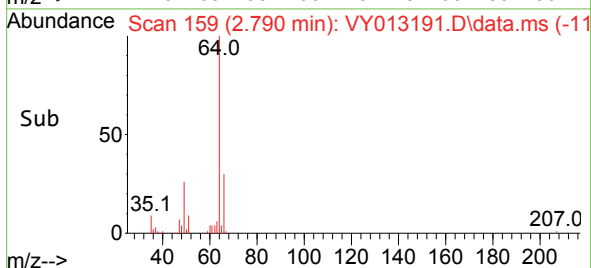
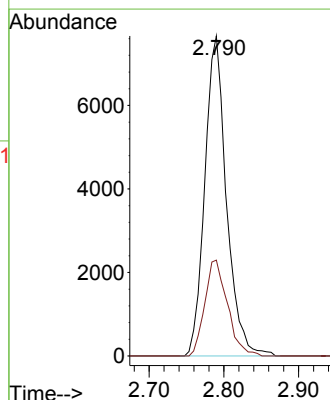
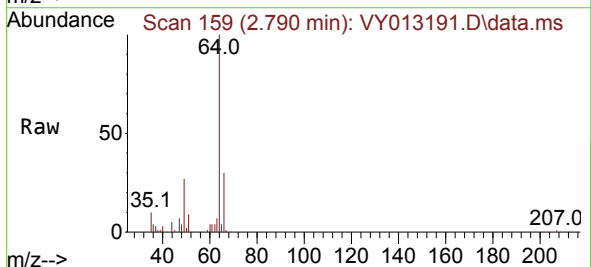
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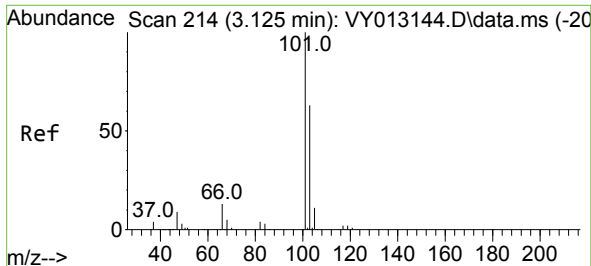
Tgt Ion: 94 Resp: 17112
Ion Ratio Lower Upper
94 100
96 96.2 80.3 120.5



#6
Chloroethane
Concen: 18.852 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 64 Resp: 15408
Ion Ratio Lower Upper
64 100
66 30.0 25.7 38.5

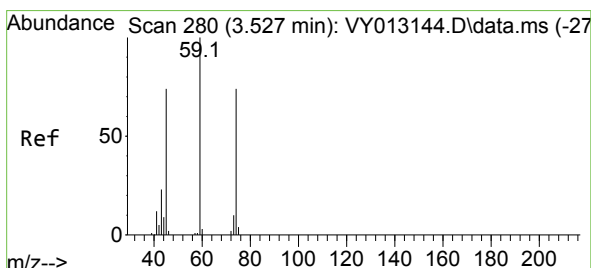
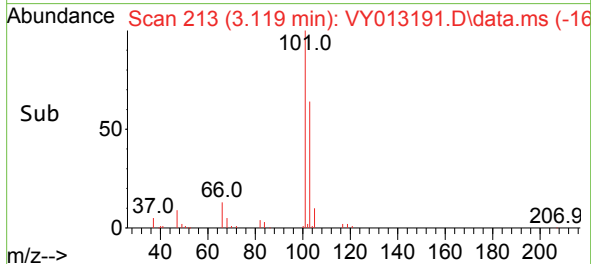
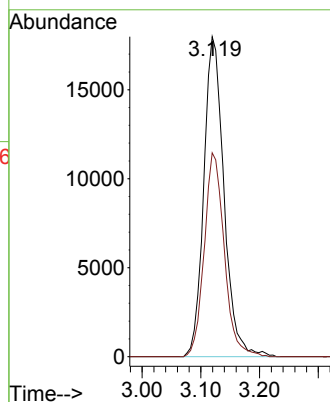
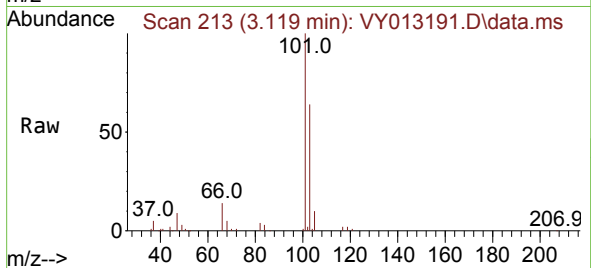




#7
 Trichlorofluoromethane
 Concen: 18.488 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

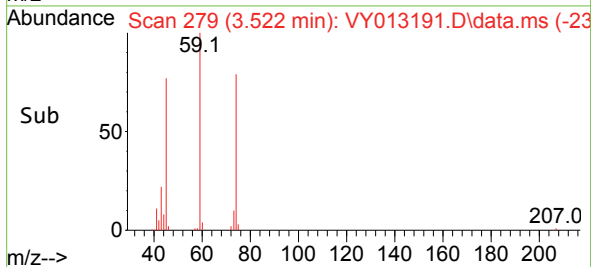
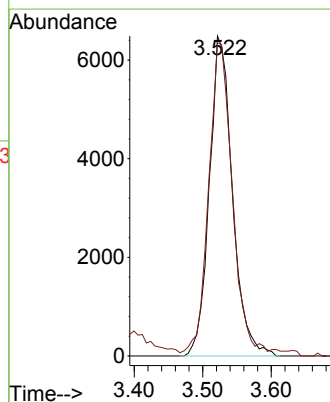
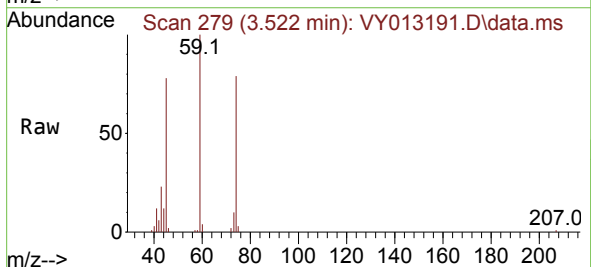
Instrument :
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 VY0404SBS01

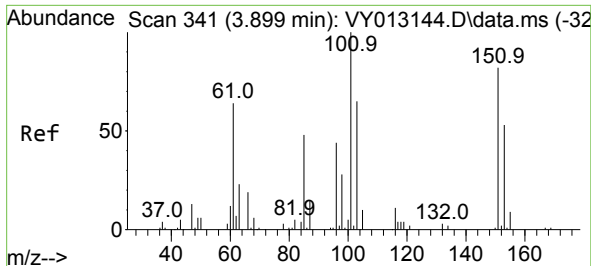
Tgt Ion:101 Resp: 42933
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.773 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

Tgt Ion: 74 Resp: 15148
 Ion Ratio Lower Upper
 74 100
 45 99.2 52.1 156.4

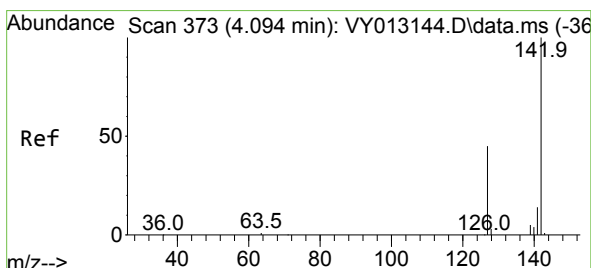
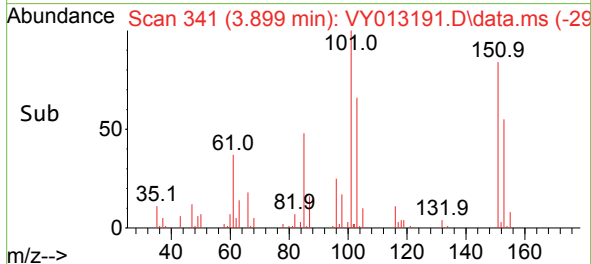
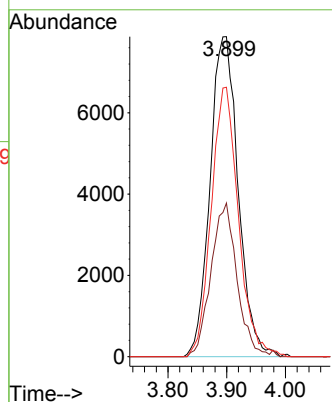
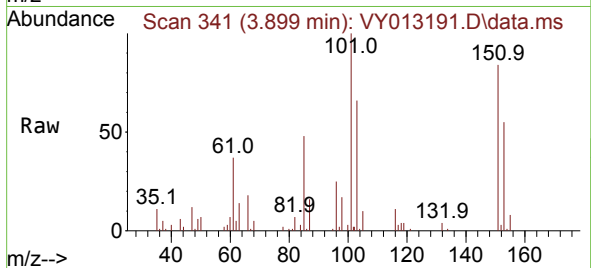




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.473 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

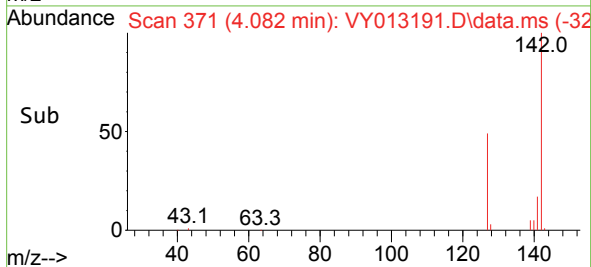
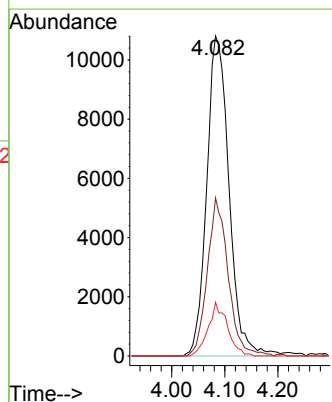
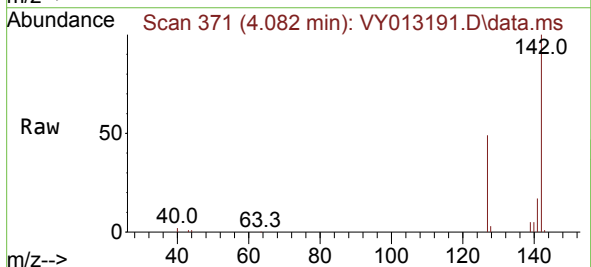
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

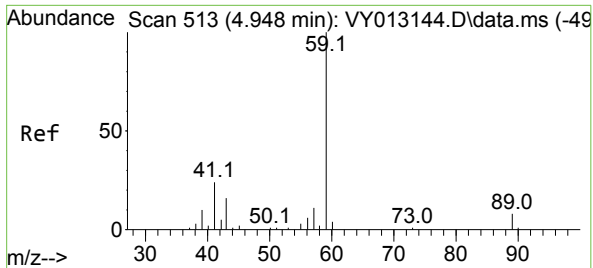
Tgt Ion:101 Resp: 26212
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 81.2 63.1 94.7



#10
Methyl Iodide
Concen: 18.952 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion:142 Resp: 31597
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.2
141 14.5 11.3 16.9

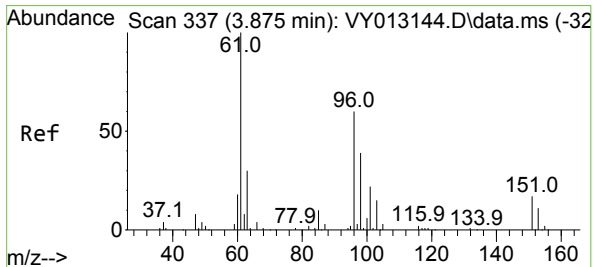
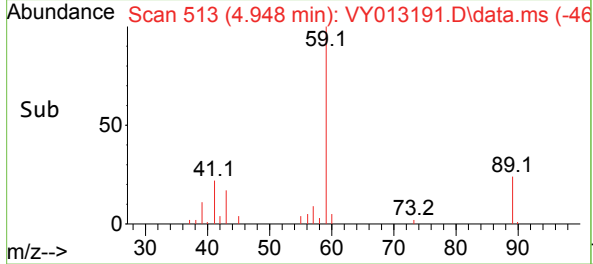
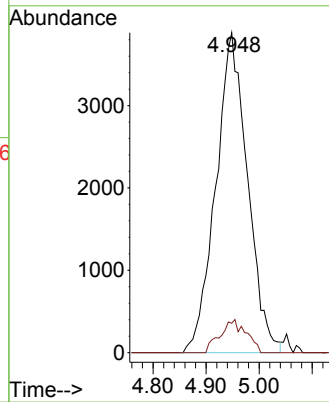
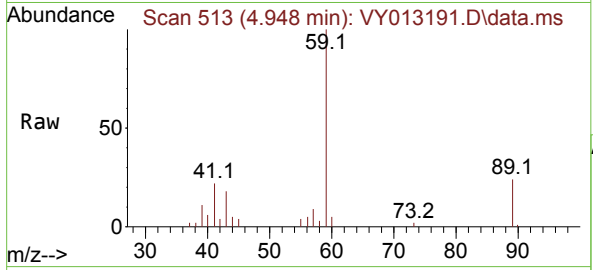




#11
Tert butyl alcohol
Concen: 130.934 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

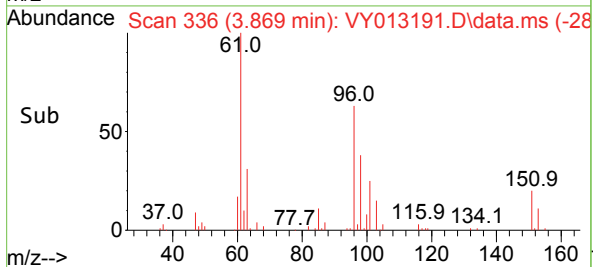
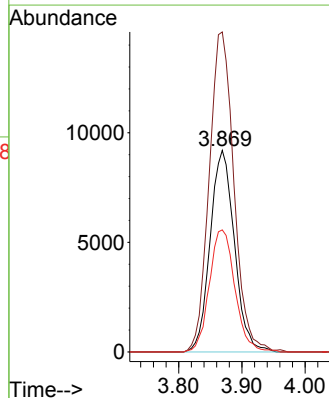
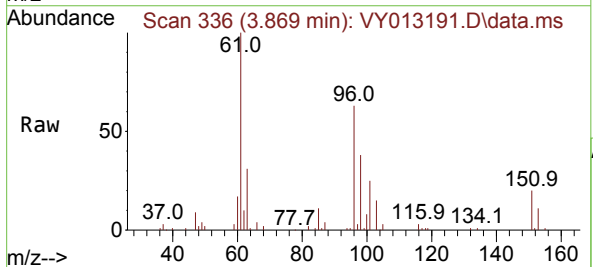
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

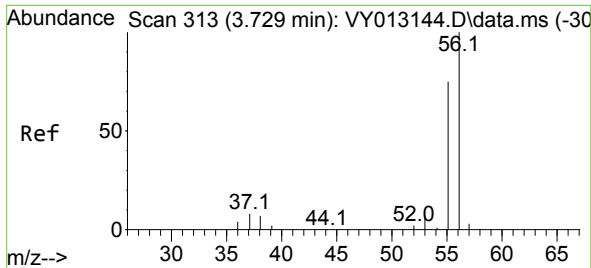
Tgt Ion: 59 Resp: 16145
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.819 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 96 Resp: 24529
Ion Ratio Lower Upper
96 100
61 158.8 131.7 197.5
98 60.6 52.0 78.0





#13

Acrolein

Concen: 97.030 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

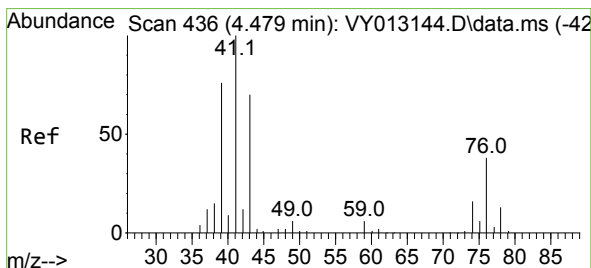
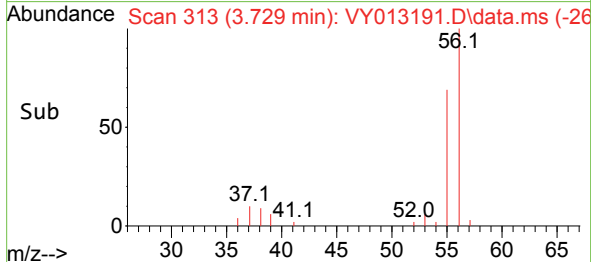
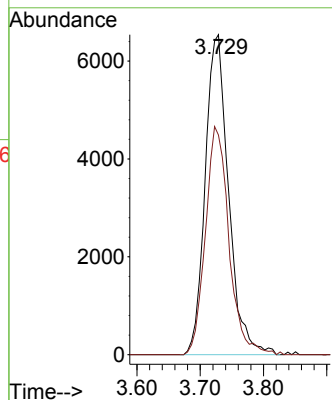
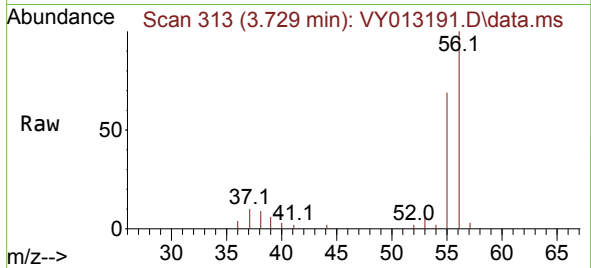
VY0404SBS01

Tgt Ion: 56 Resp: 16790

Ion Ratio Lower Upper

56 100

55 72.0 56.8 85.2



#14

Allyl chloride

Concen: 20.456 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

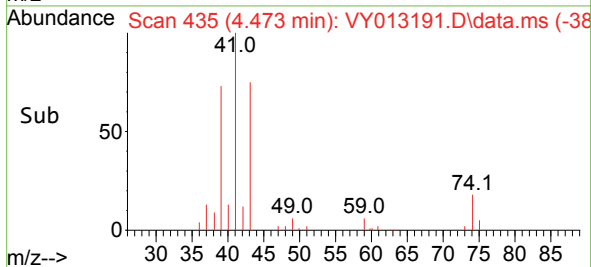
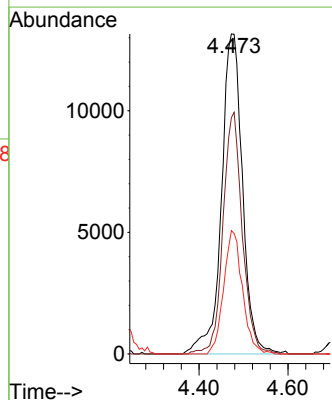
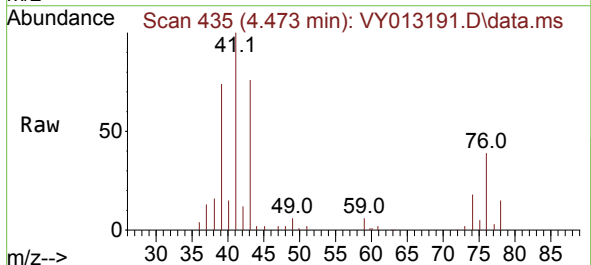
Tgt Ion: 41 Resp: 43138

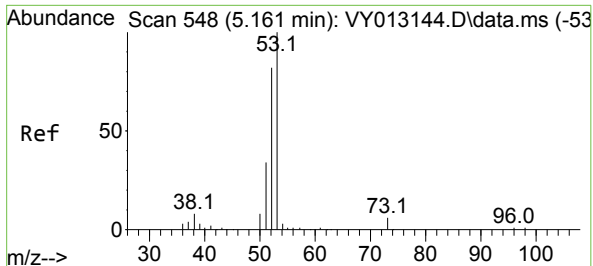
Ion Ratio Lower Upper

41 100

39 69.3 53.6 80.4

76 34.4 27.2 40.8

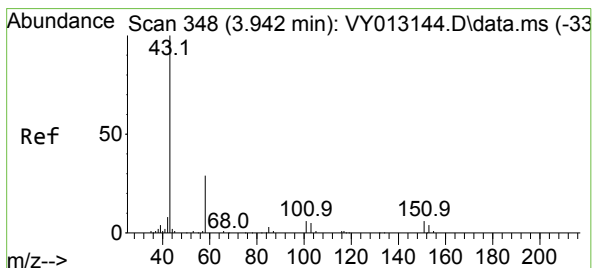
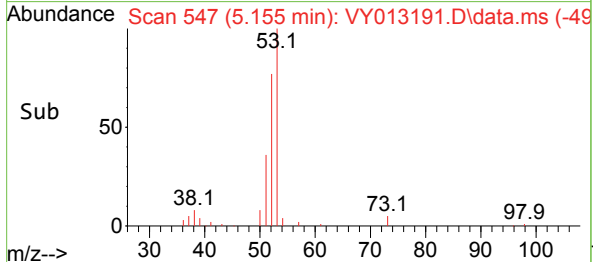
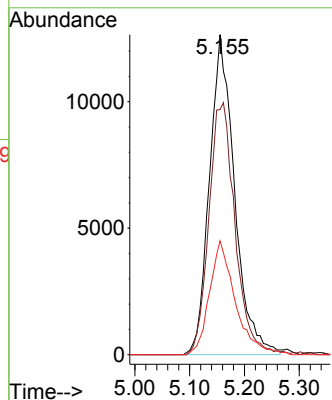
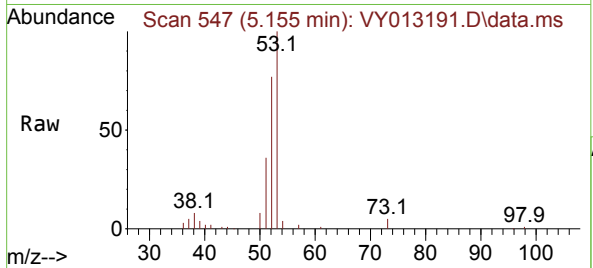




#15
Acrylonitrile
Concen: 110.932 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

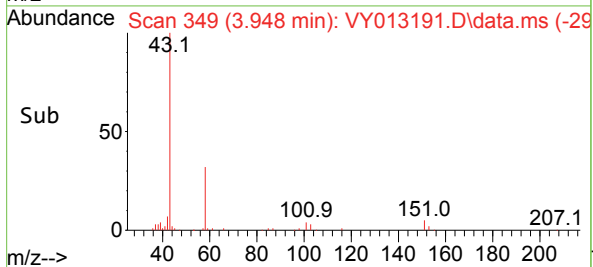
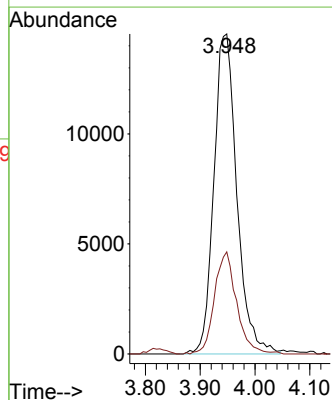
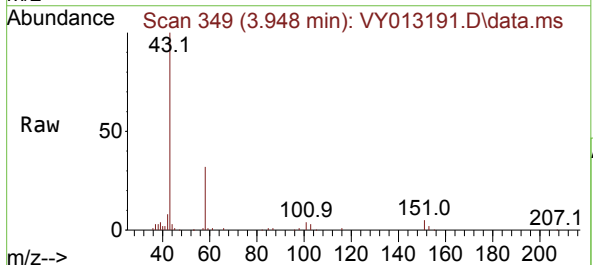
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

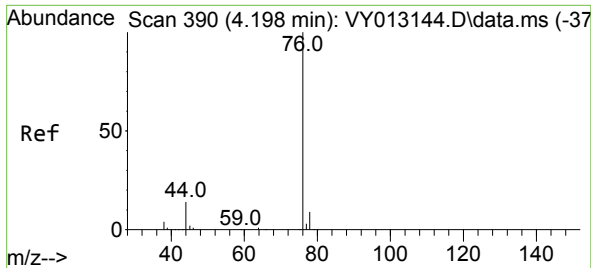
Tgt Ion: 53	Resp: 40197
Ion Ratio	Lower Upper
53 100	
52 82.0	66.3 99.5
51 36.6	28.8 43.2



#16
Acetone
Concen: 101.347 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 43	Resp: 42398
Ion Ratio	Lower Upper
43 100	
58 31.9	24.2 36.2

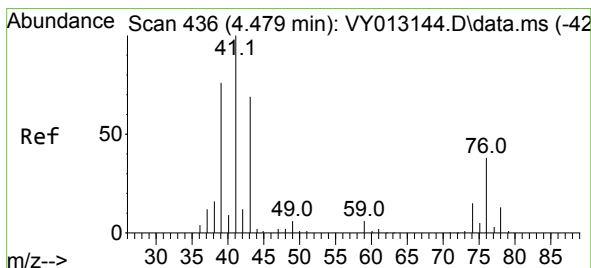
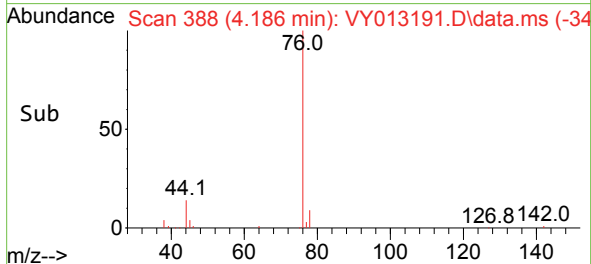
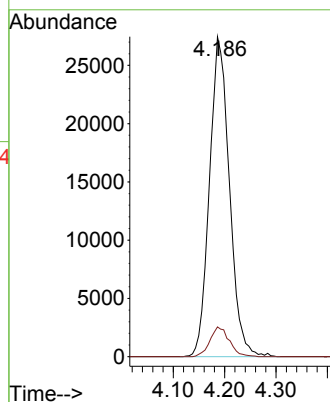
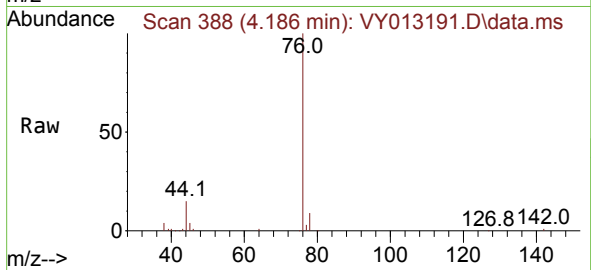




#17
Carbon Disulfide
Concen: 17.969 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

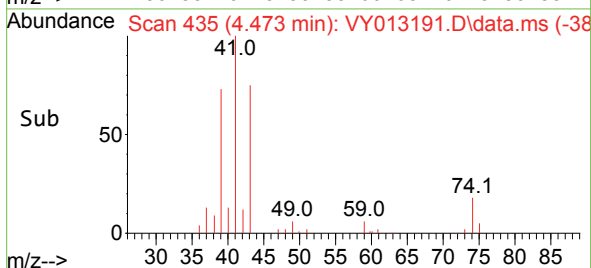
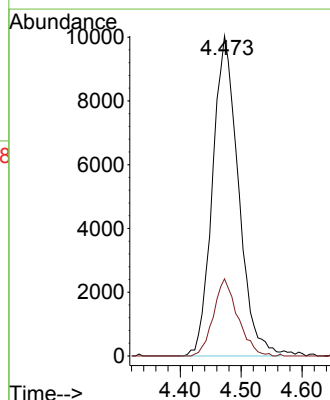
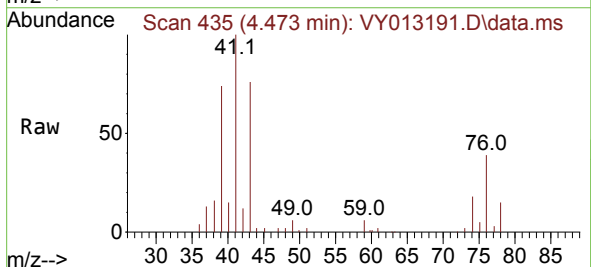
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

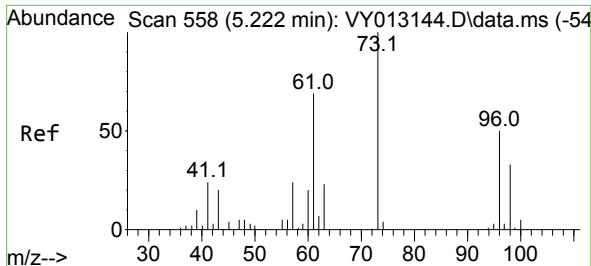
Tgt Ion: 76 Resp: 74063
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 22.492 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 43 Resp: 29648
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

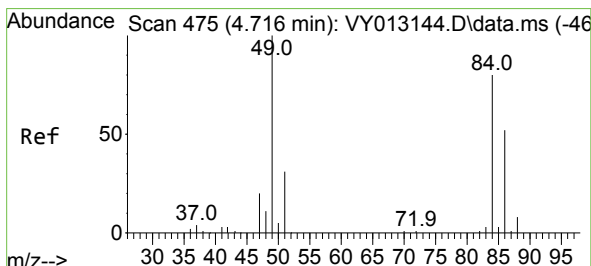
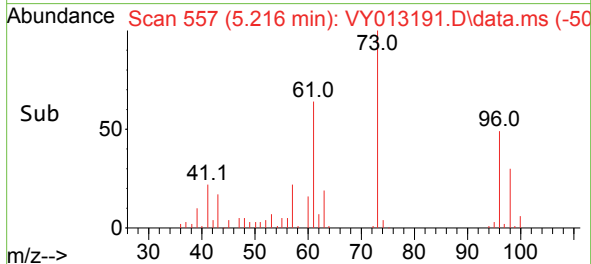
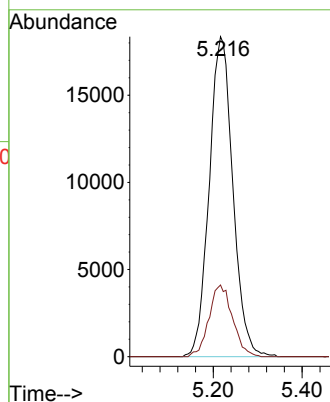
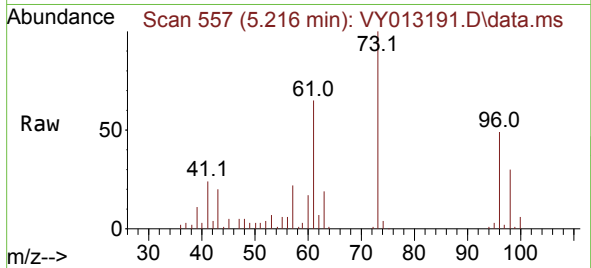




#19
Methyl tert-butyl Ether
Concen: 21.617 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

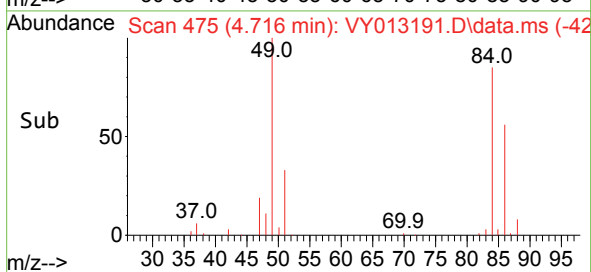
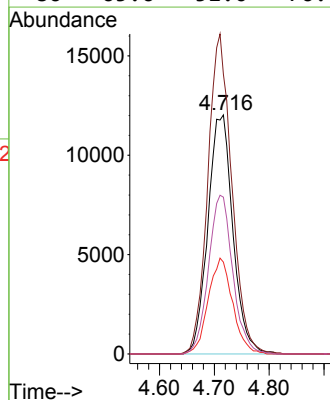
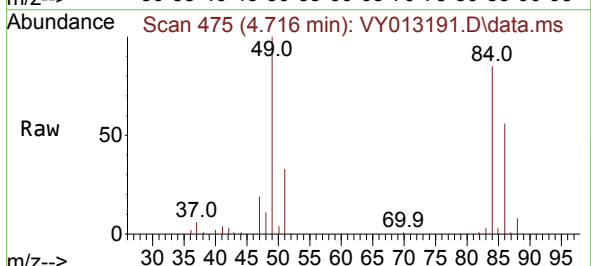
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

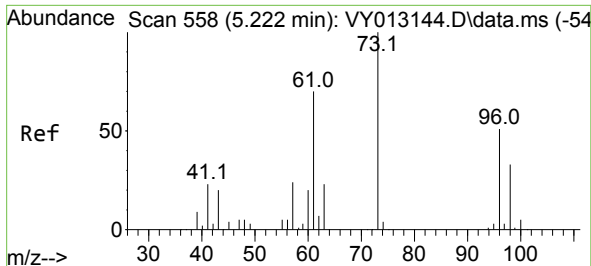
Tgt Ion: 73 Resp: 67796
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 23.541 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 84 Resp: 38102
Ion Ratio Lower Upper
84 100
49 117.0 102.6 154.0
51 38.4 31.9 47.9
86 65.6 51.0 76.6

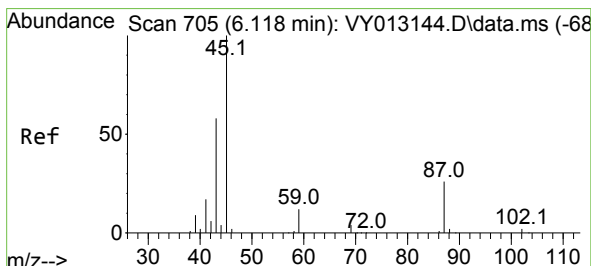
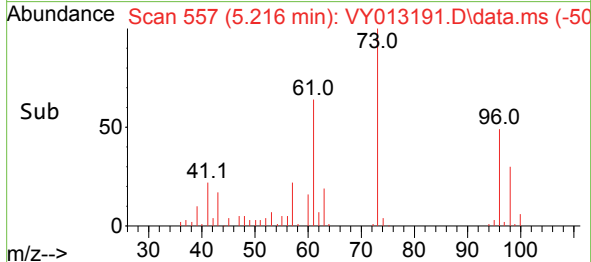
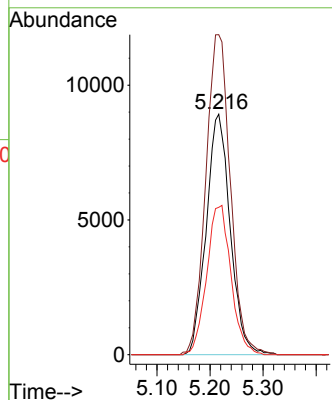
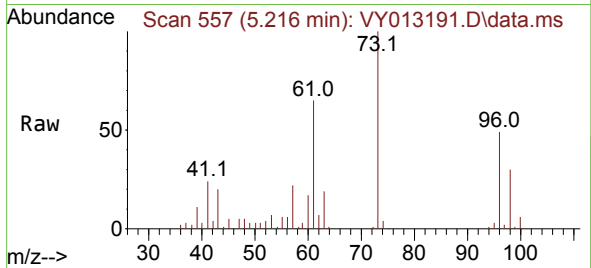




#21
trans-1,2-Dichloroethene
Concen: 20.100 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

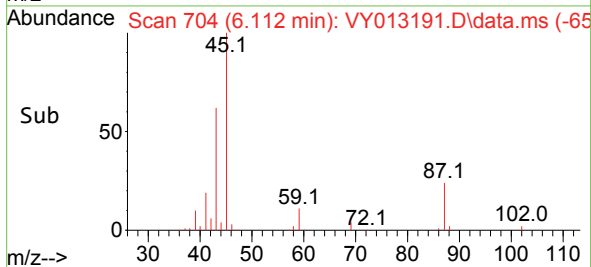
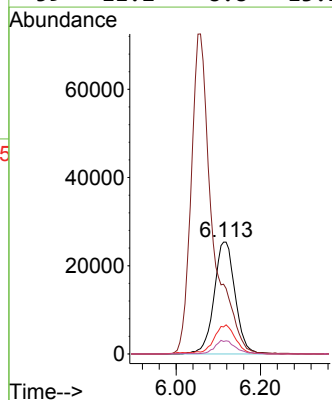
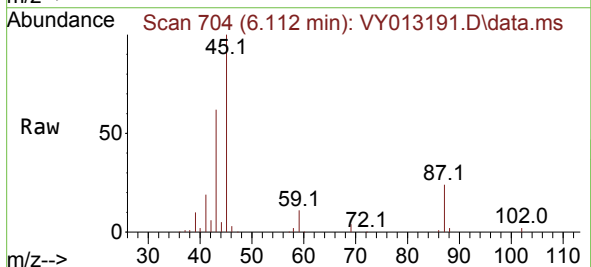
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

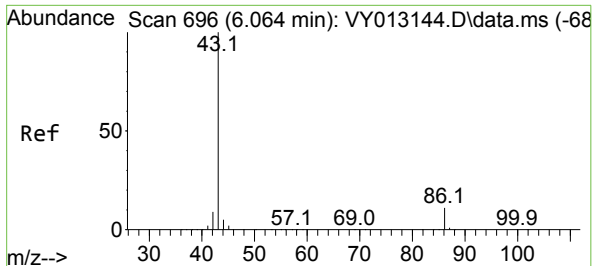
Tgt Ion: 96 Resp: 28029
Ion Ratio Lower Upper
96 100
61 133.1 111.4 167.0
98 61.3 50.8 76.2



#22
Diisopropyl ether
Concen: 21.308 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 45 Resp: 87790
Ion Ratio Lower Upper
45 100
43 61.7 45.0 67.6
87 24.2 20.3 30.5
59 11.2 8.8 13.2

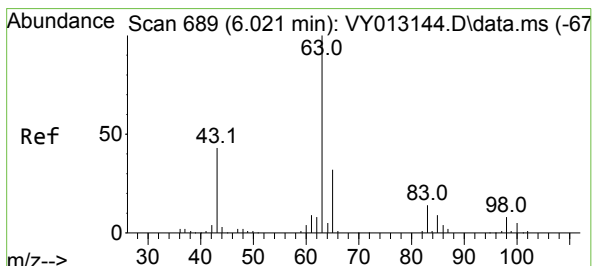
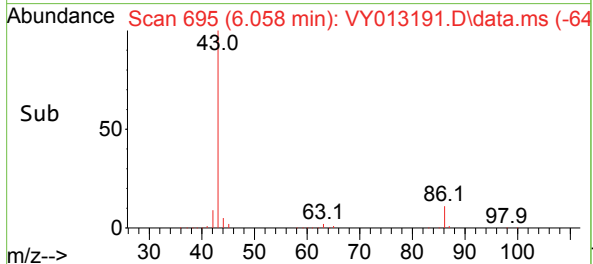
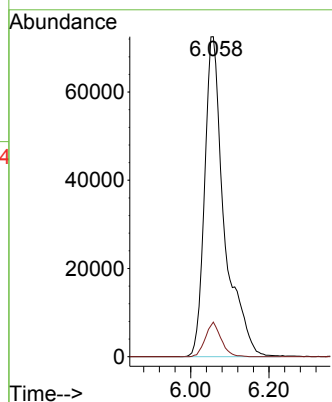
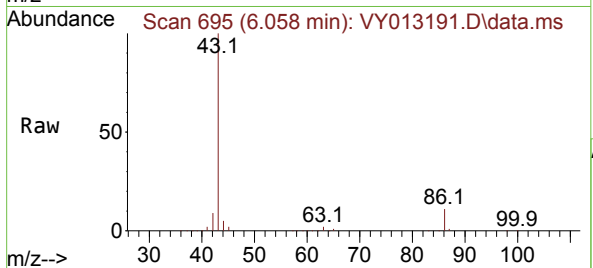




#23
 Vinyl Acetate
 Concen: 108.054 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

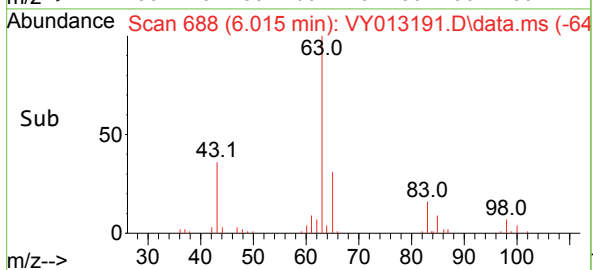
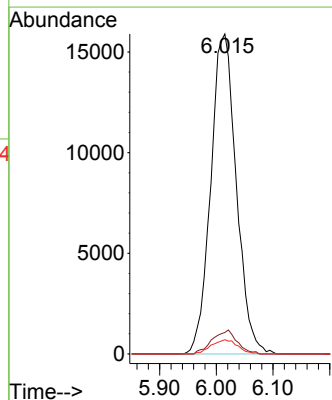
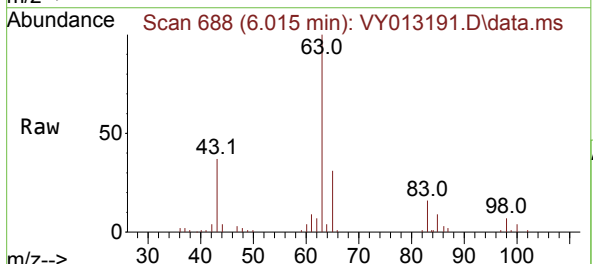
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

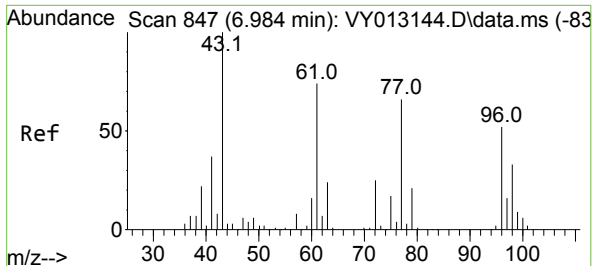
Tgt Ion: 43 Resp: 253160
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.436 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

Tgt Ion: 63 Resp: 49865
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 111.631 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

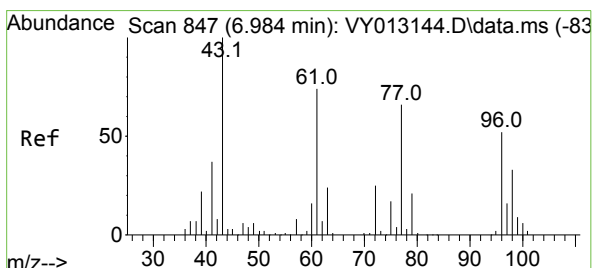
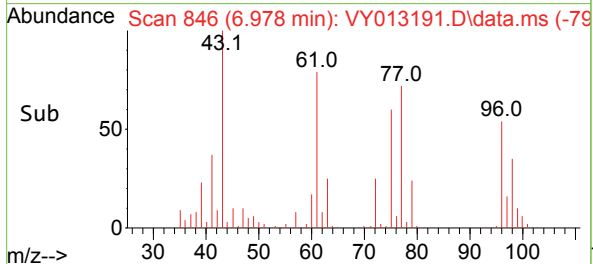
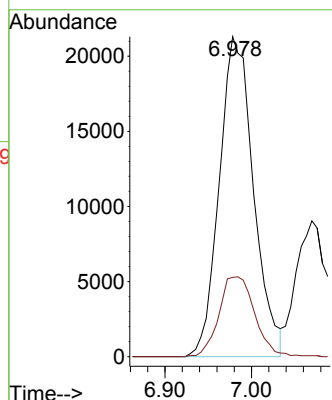
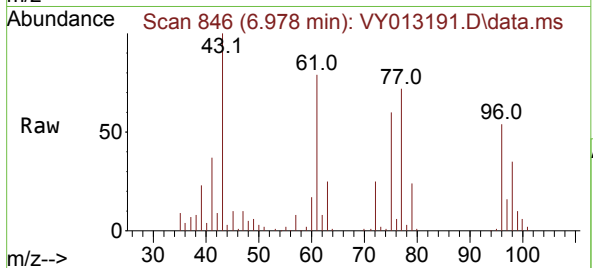
VY0404SBS01

Tgt Ion: 43 Resp: 58394

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.926 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013191.D

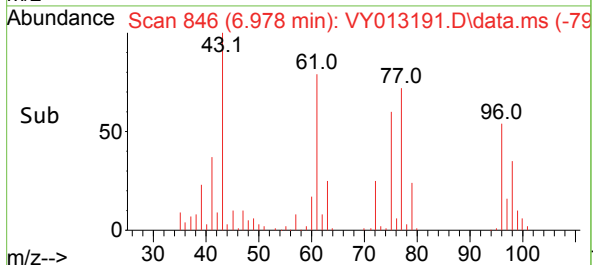
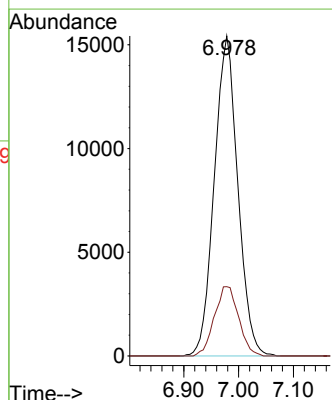
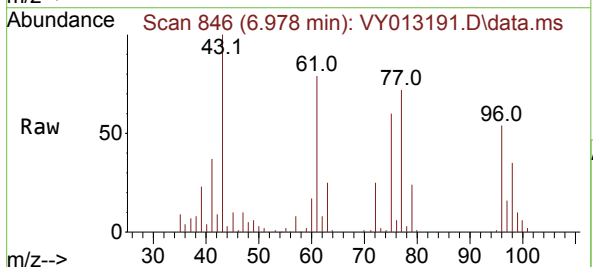
Acq: 04 Apr 2023 15:53

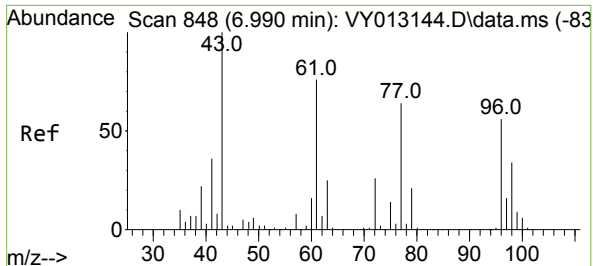
Tgt Ion: 77 Resp: 45927

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.379 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

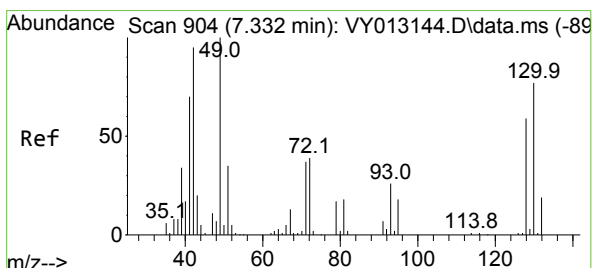
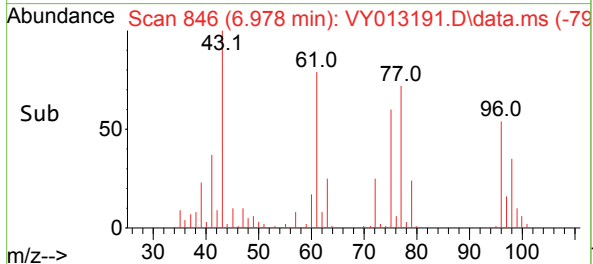
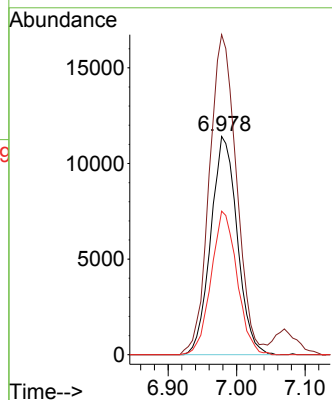
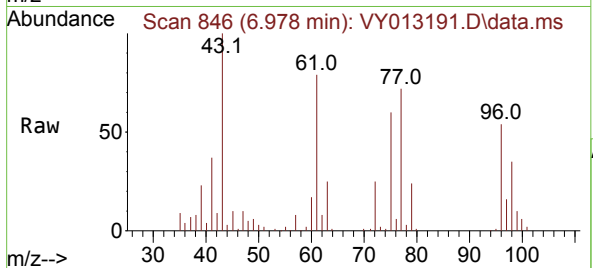
Tgt Ion: 96 Resp: 30616

Ion Ratio Lower Upper

96 100

61 151.2 0.0 295.8

98 64.5 0.0 130.2



#28

Bromochloromethane

Concen: 19.600 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

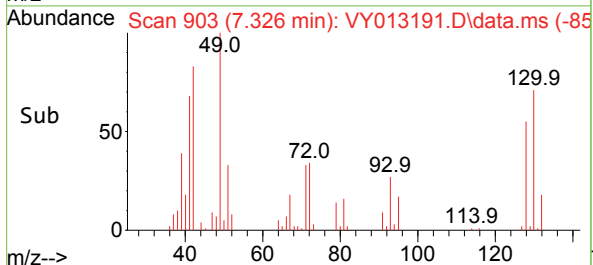
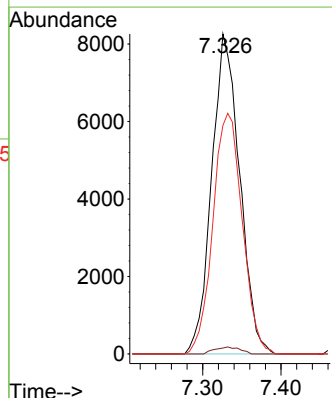
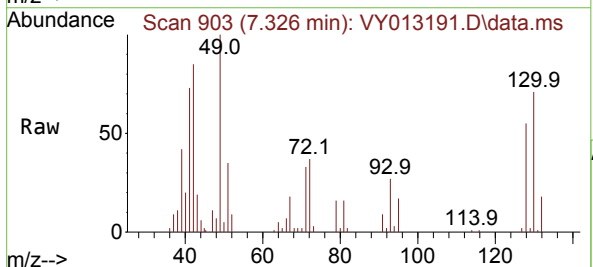
Tgt Ion: 49 Resp: 20521

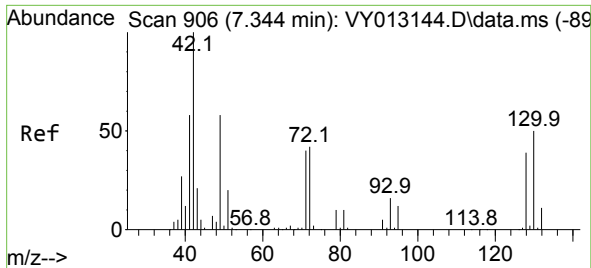
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 78.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 114.123 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

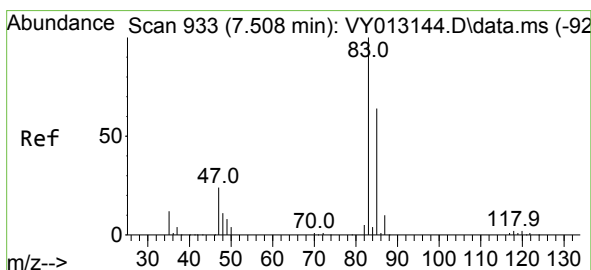
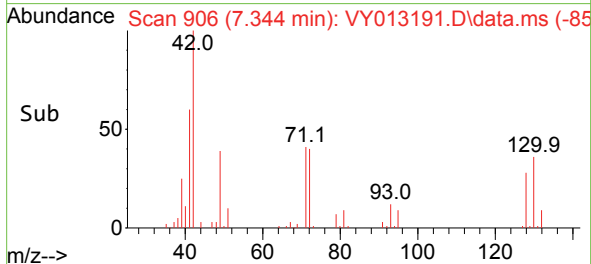
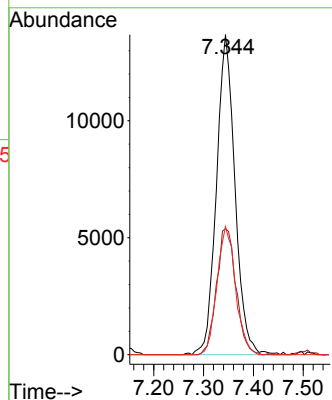
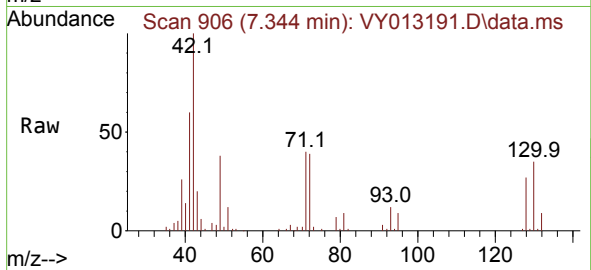
Tgt Ion: 42 Resp: 35339

Ion Ratio Lower Upper

42 100

72 41.3 32.3 48.5

71 40.1 30.3 45.5



#30

Chloroform

Concen: 20.296 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.005 min

Lab File: VY013191.D

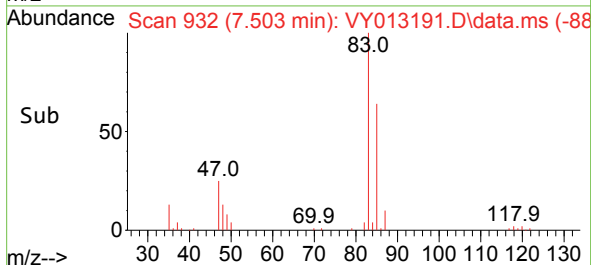
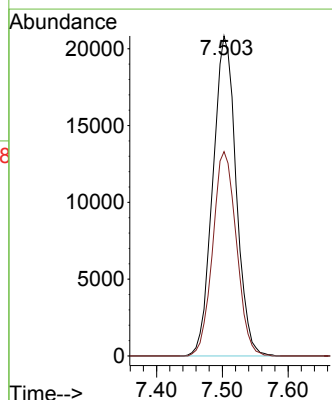
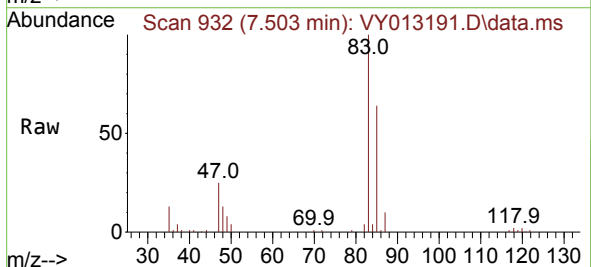
Acq: 04 Apr 2023 15:53

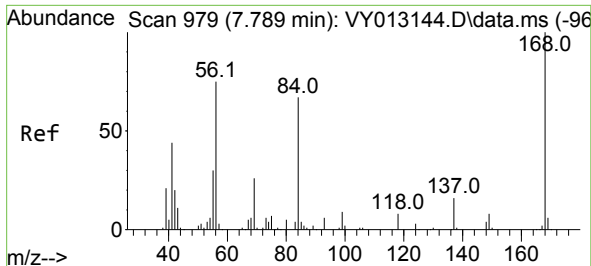
Tgt Ion: 83 Resp: 51284

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.0

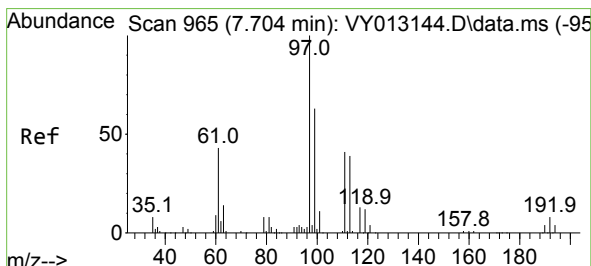
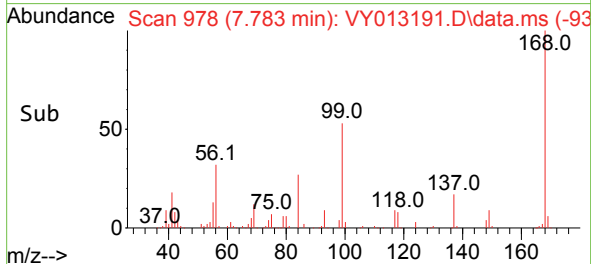
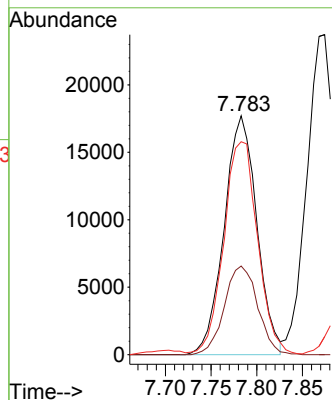
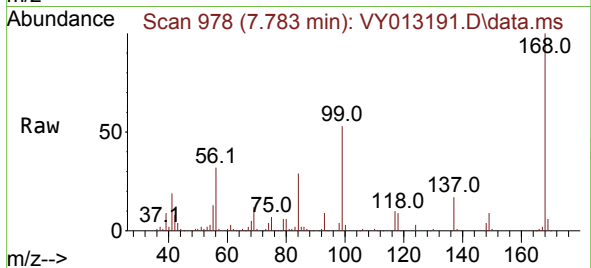




#31
Cyclohexane
Concen: 19.722 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

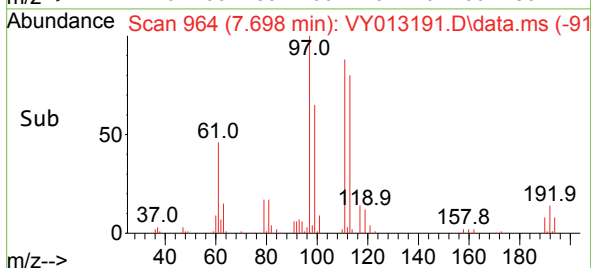
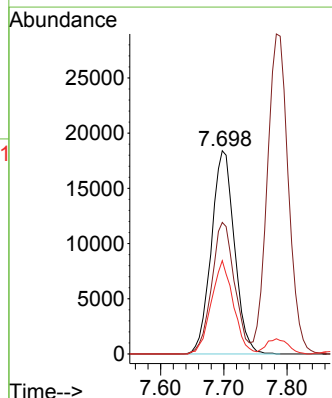
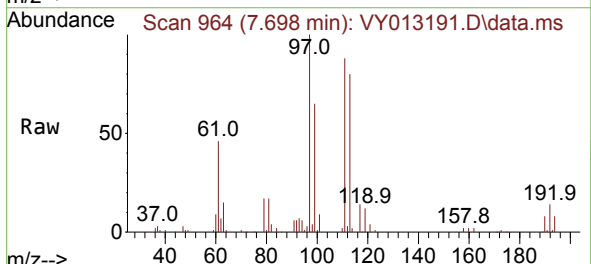
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

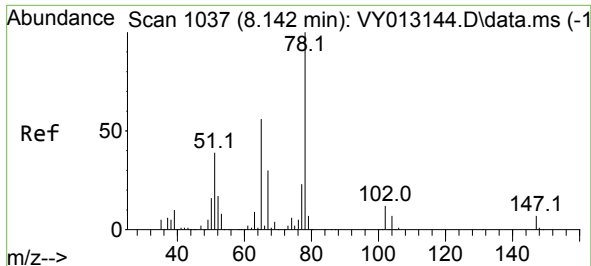
Tgt Ion: 56 Resp: 44049
Ion Ratio Lower Upper
56 100
69 37.1 25.7 38.5
84 87.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 20.878 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 97 Resp: 46642
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 44.1 34.5 51.7

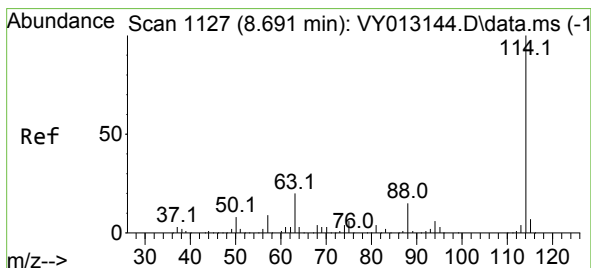
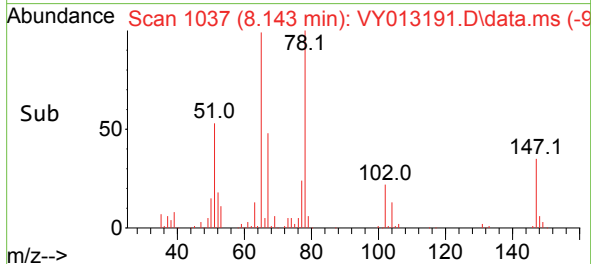
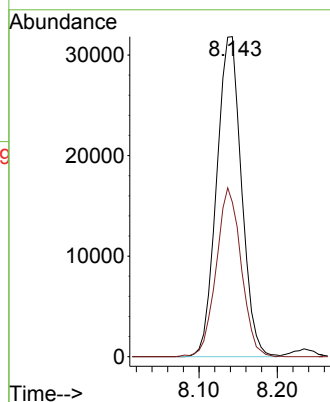
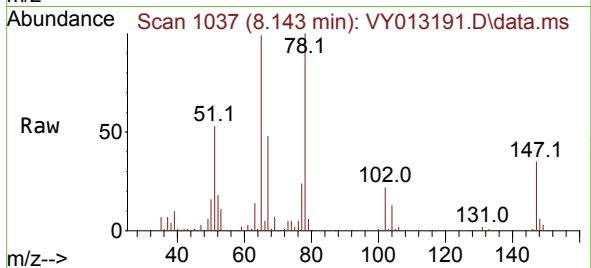




#33
 1,2-Dichloroethane-d4
 Concen: 51.419 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

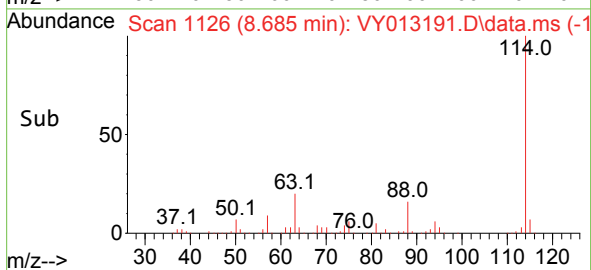
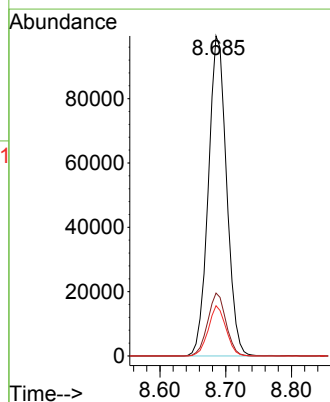
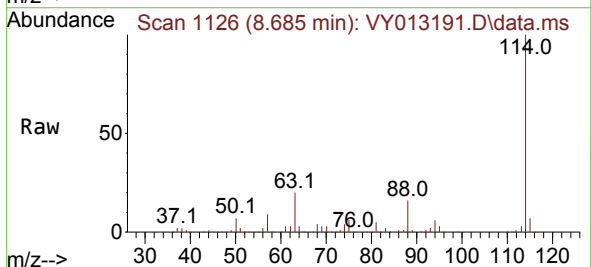
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

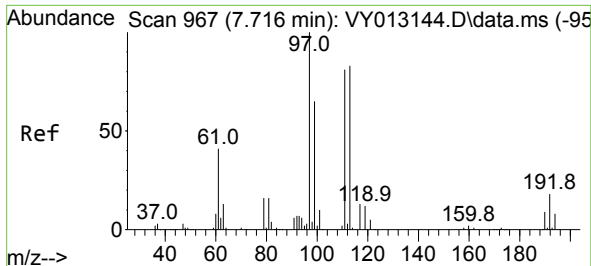
Tgt Ion: 65 Resp: 70346
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

Tgt Ion: 114 Resp: 192091
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 15.7 0.0 28.6

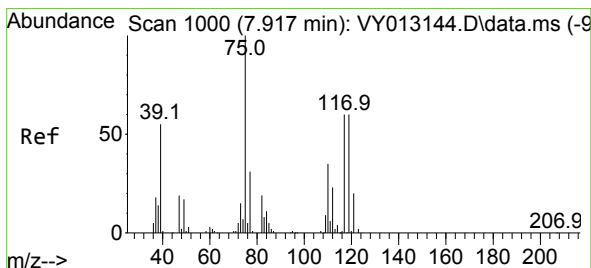
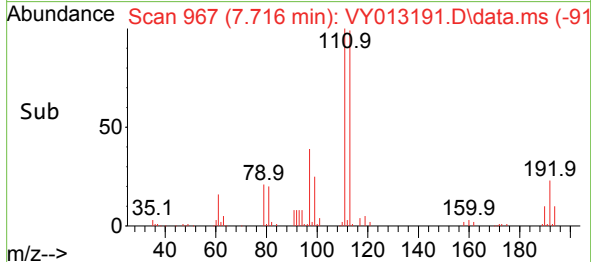
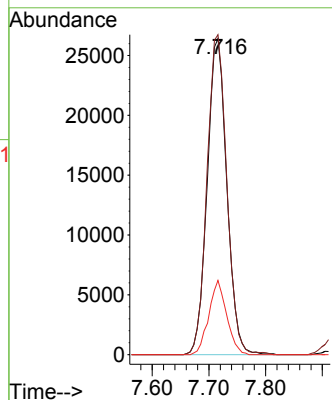
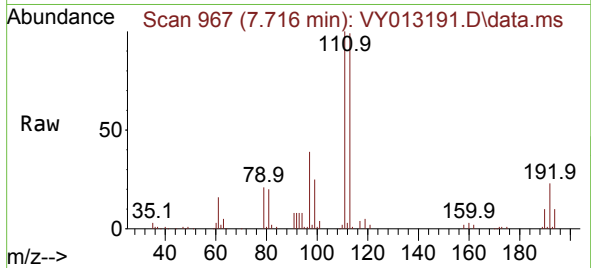




#35
Dibromofluoromethane
Concen: 50.538 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

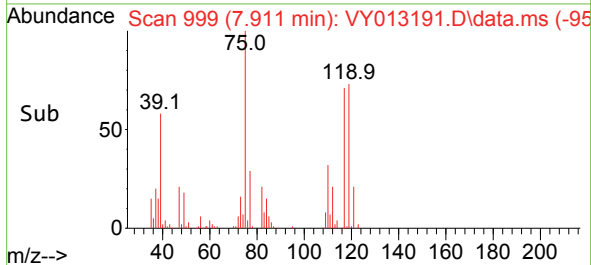
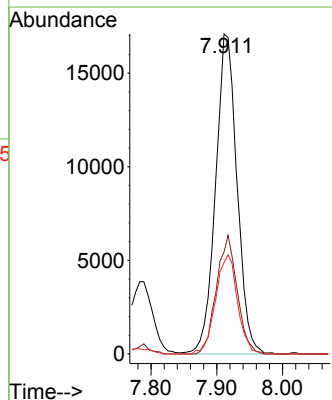
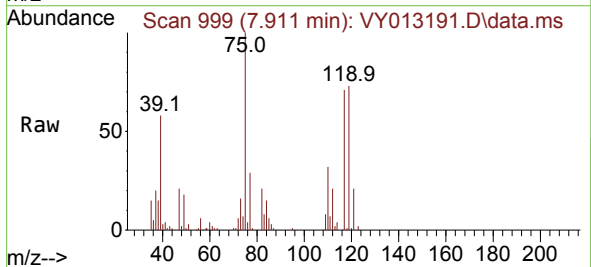
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

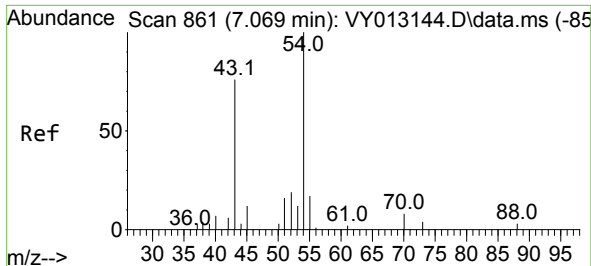
Tgt Ion:113 Resp: 63419
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.558 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 75 Resp: 38837
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 23.081 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

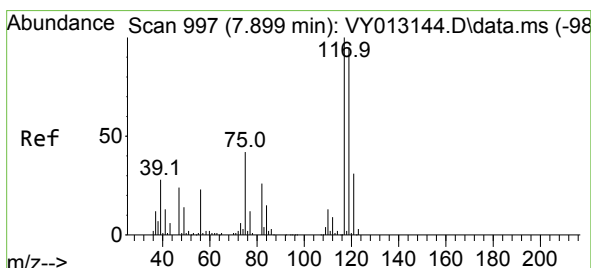
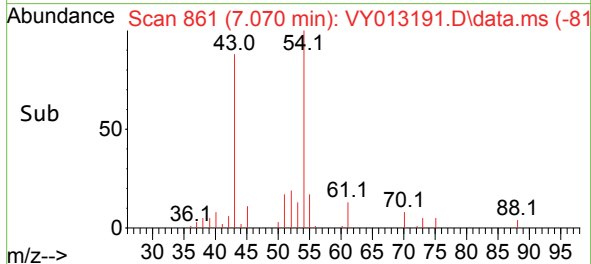
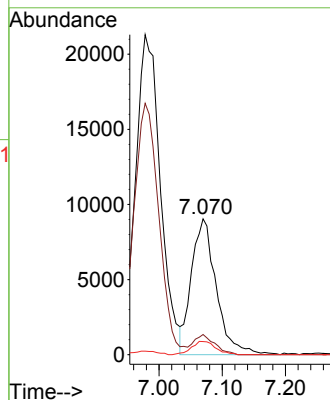
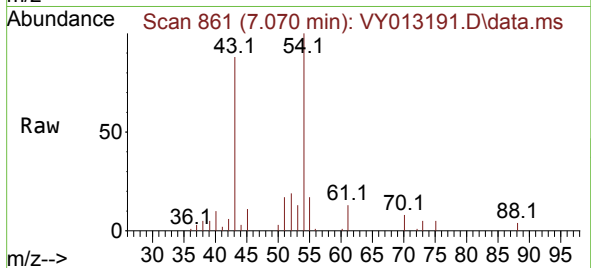
Tgt Ion: 43 Resp: 24769

Ion Ratio Lower Upper

43 100

61 12.3 10.7 16.1

70 9.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.886 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

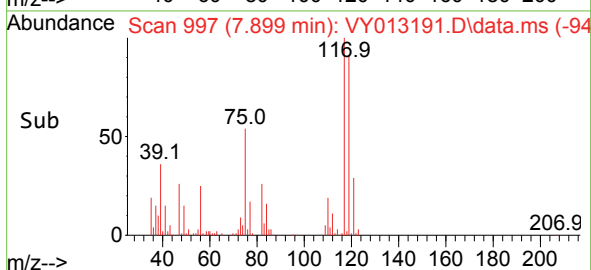
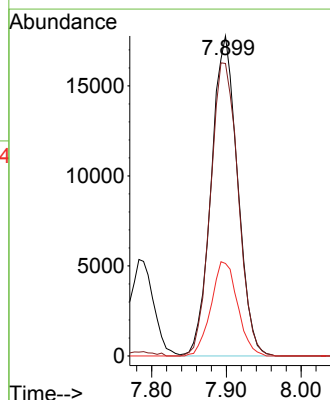
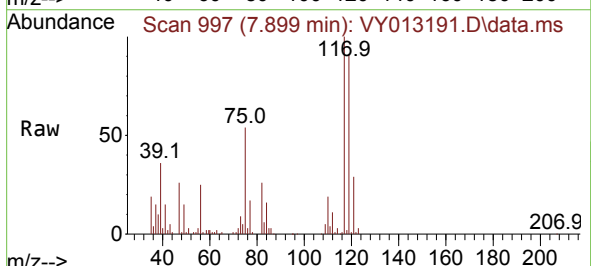
Tgt Ion: 117 Resp: 43534

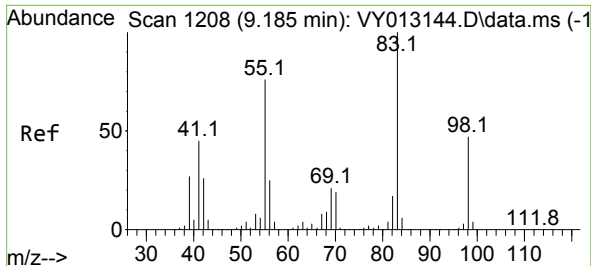
Ion Ratio Lower Upper

117 100

119 91.4 77.2 115.8

121 28.9 24.7 37.1





#39

Methylcyclohexane

Concen: 20.030 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

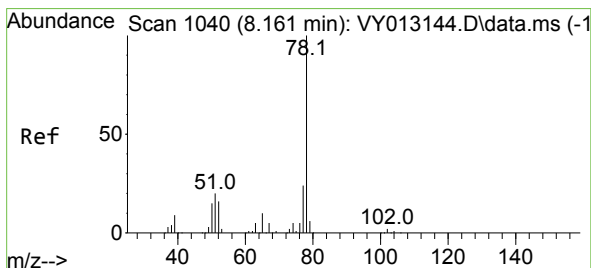
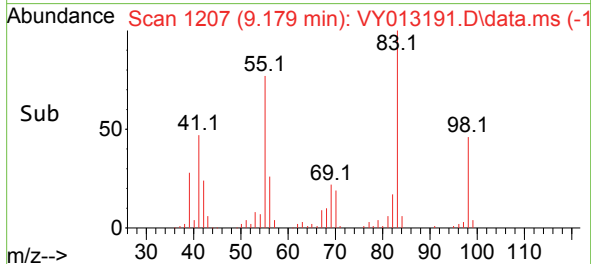
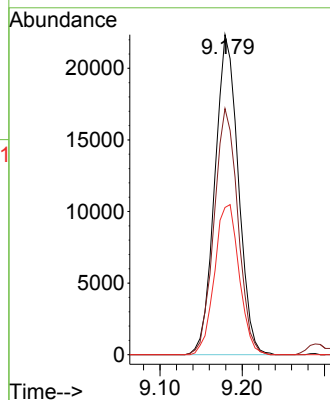
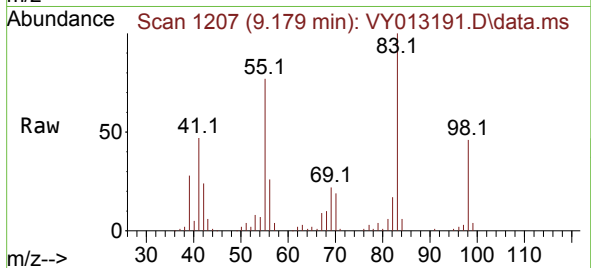
Tgt Ion: 83 Resp: 44393

Ion Ratio Lower Upper

83 100

55 76.9 60.0 90.0

98 46.0 38.3 57.5



#40

Benzene

Concen: 20.791 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013191.D

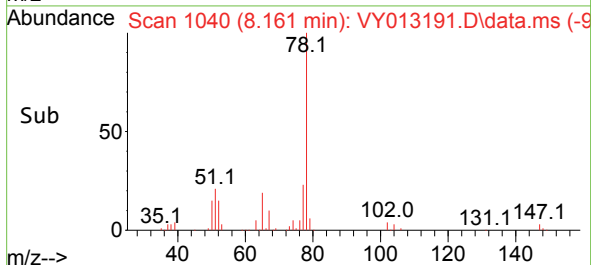
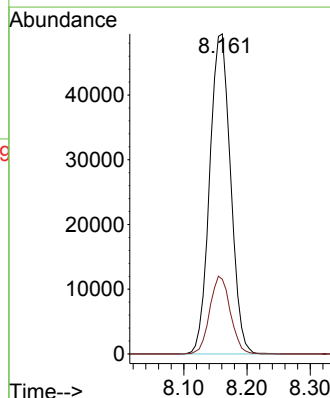
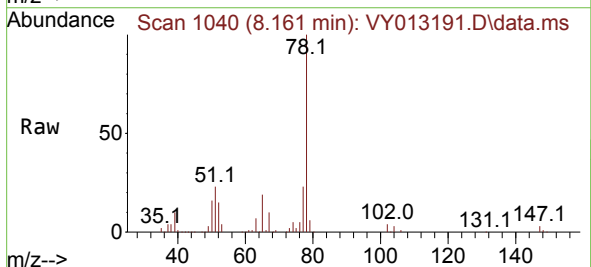
Acq: 04 Apr 2023 15:53

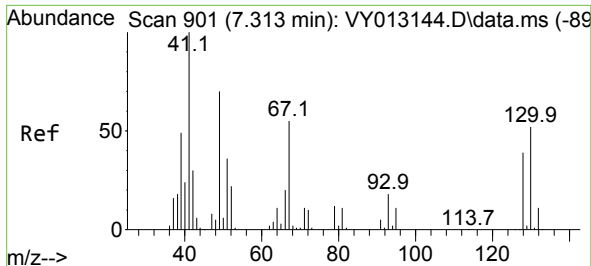
Tgt Ion: 78 Resp: 113444

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

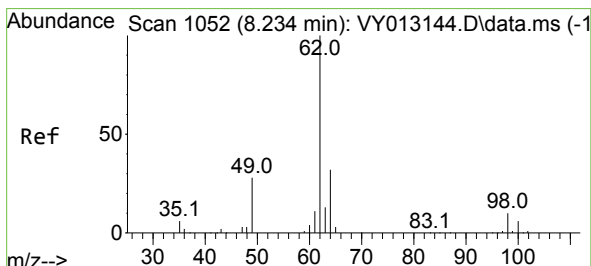
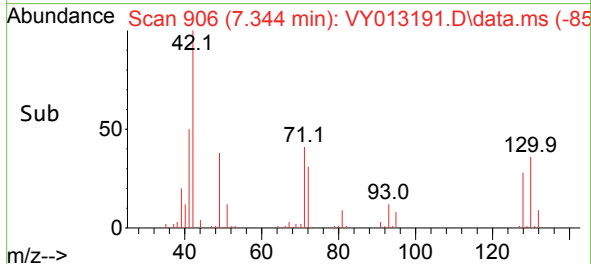
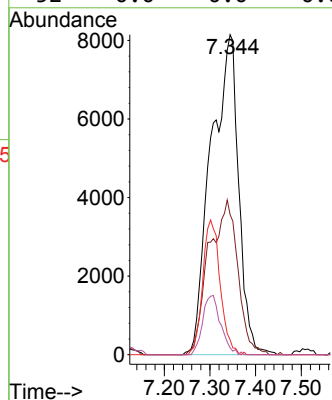
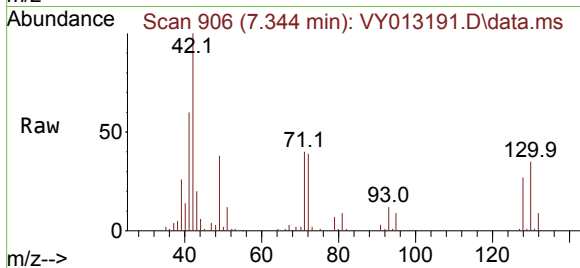




#41
Methacrylonitrile
Concen: 71.751 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

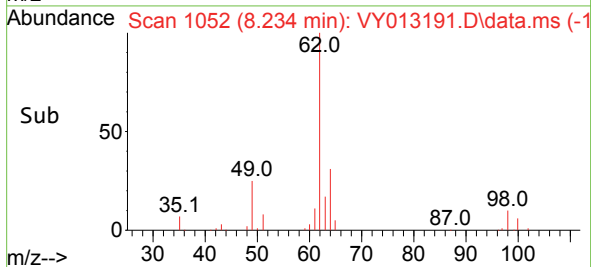
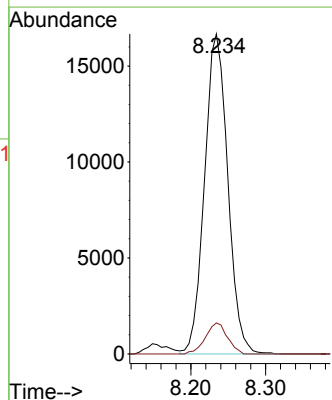
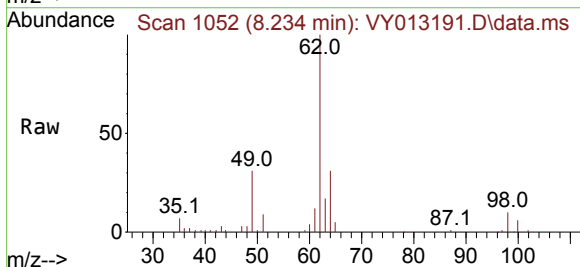
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

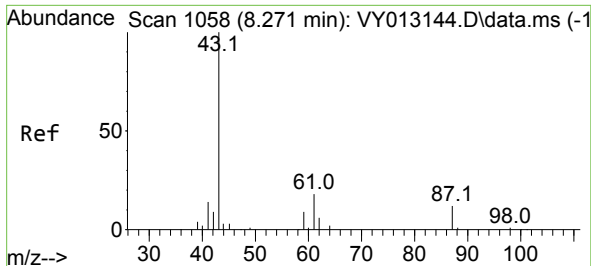
Tgt Ion: 41 Resp: 34159
Ion Ratio Lower Upper
41 100
39 50.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.523 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 62 Resp: 35980
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8

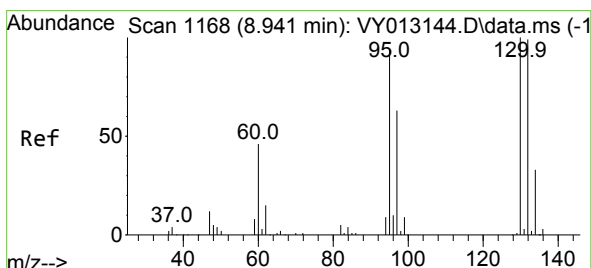
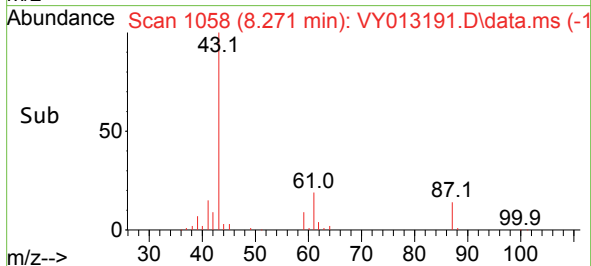
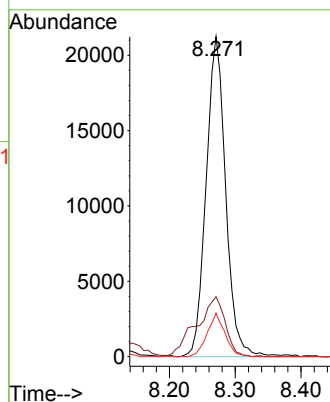
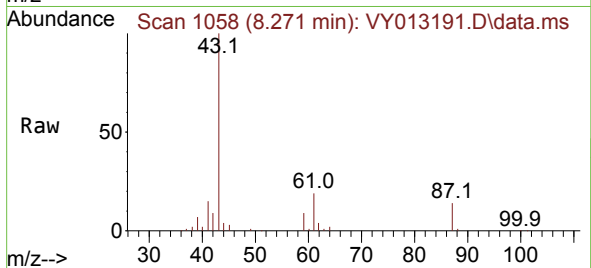




#43
Isopropyl Acetate
Concen: 22.893 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

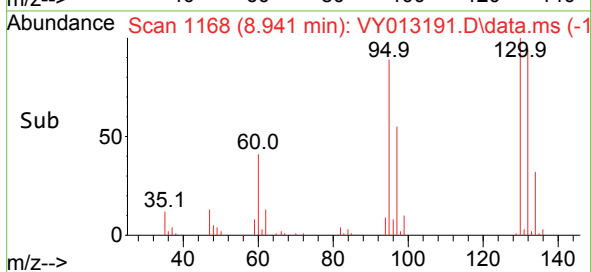
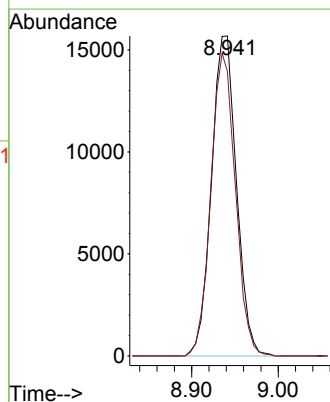
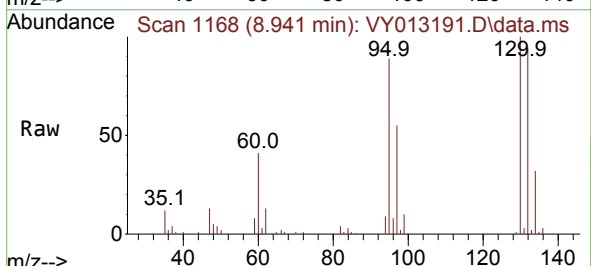
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

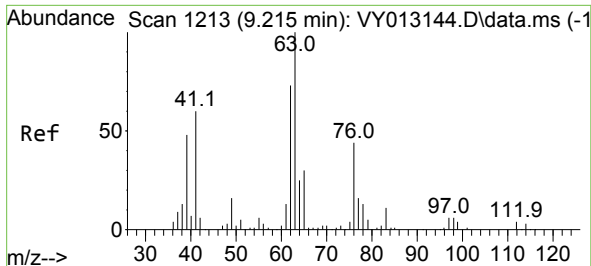
Tgt Ion:	43	Resp:	43976
Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.6	32.4
87	12.4	9.9	14.9



#44
Trichloroethene
Concen: 20.908 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion:	130	Resp:	31404
Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	185.0





#45

1,2-Dichloropropane

Concen: 20.582 ug/l

RT: 9.210 min Scan# 1213

Delta R.T. -0.005 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

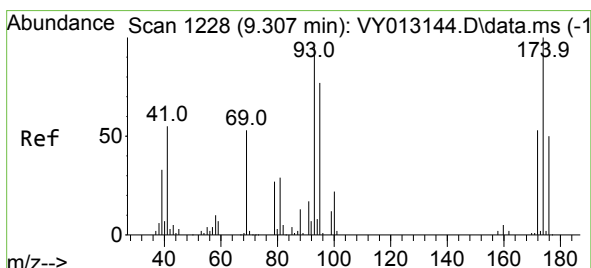
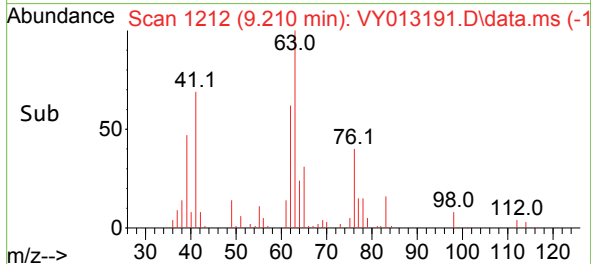
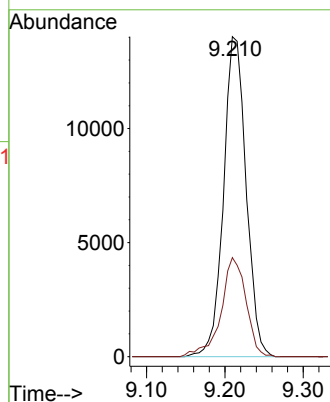
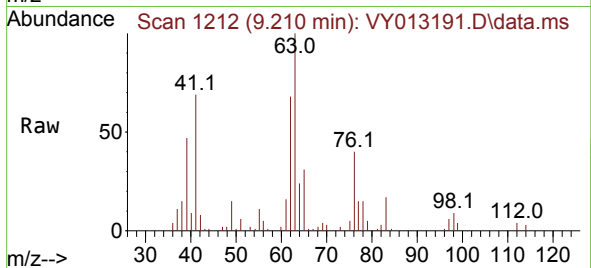
VY0404SBS01

Tgt Ion: 63 Resp: 28121

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 20.943 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

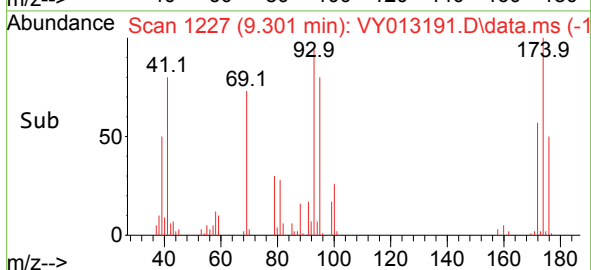
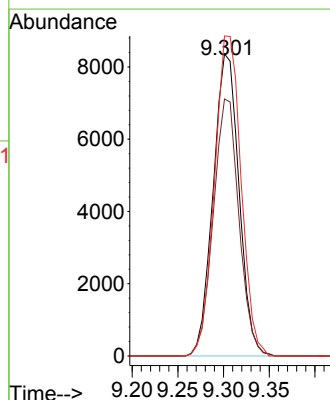
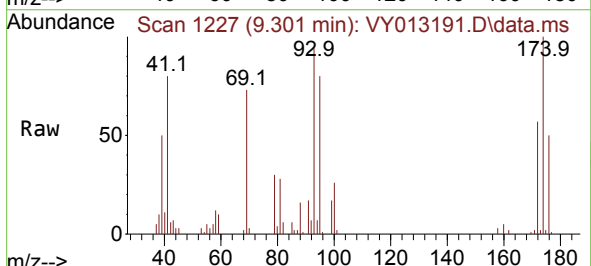
Tgt Ion: 93 Resp: 16438

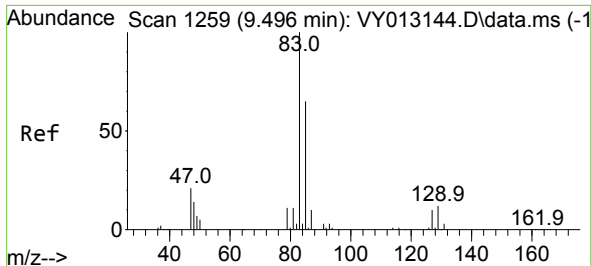
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 108.7 81.3 121.9

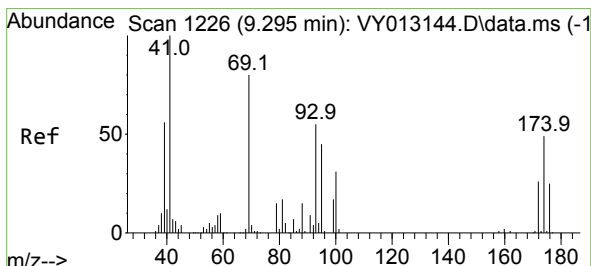
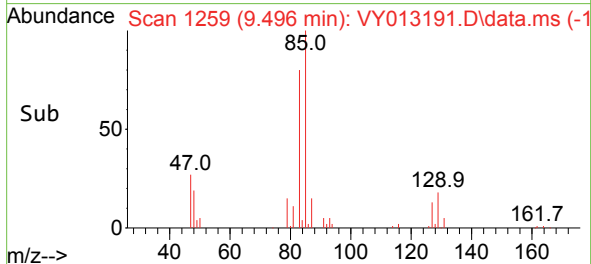
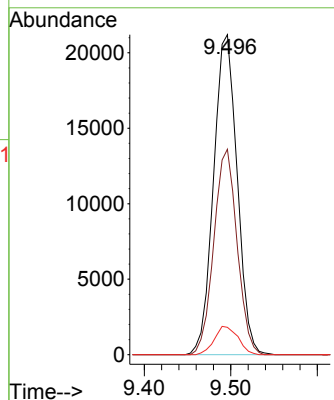
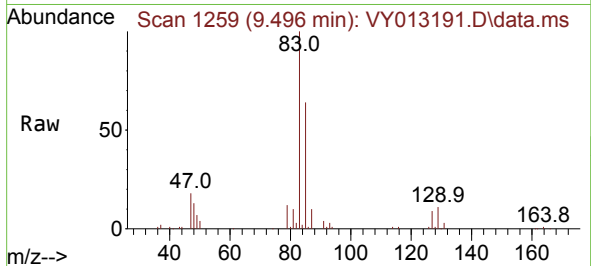




#47
Bromodichloromethane
Concen: 21.171 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

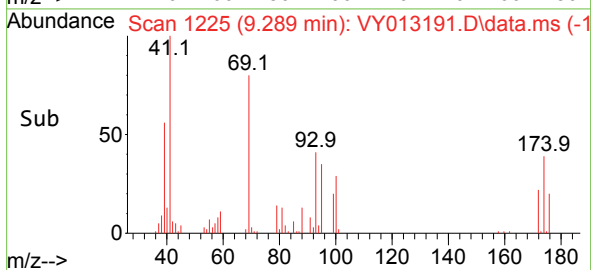
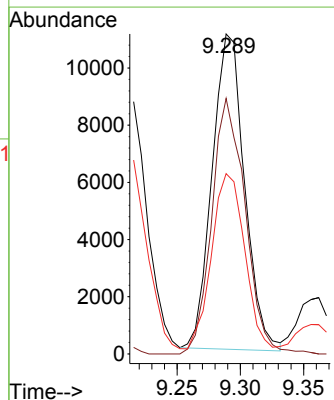
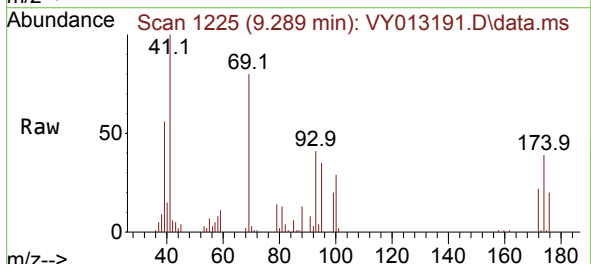
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

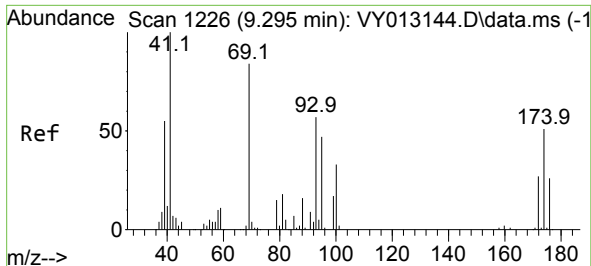
Tgt Ion: 83 Resp: 40094
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 21.990 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 41 Resp: 19673
Ion Ratio Lower Upper
41 100
69 83.6 64.1 96.1
39 56.8 44.0 66.0





#49

1,4-Dioxane

Concen: 461.586 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

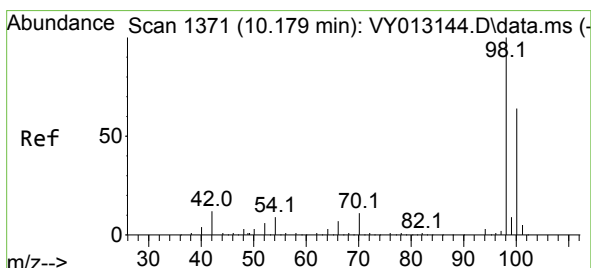
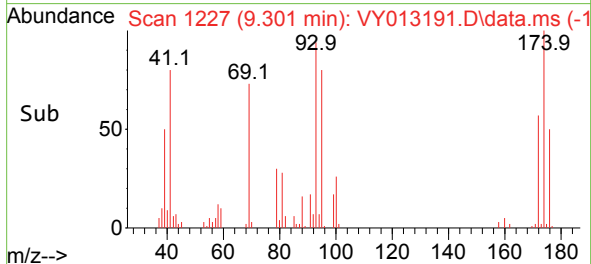
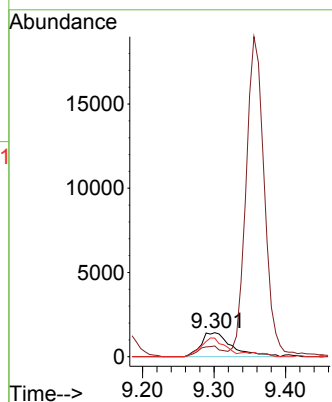
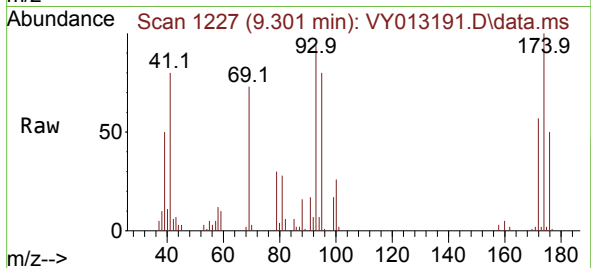
Tgt Ion: 88 Resp: 4310

Ion Ratio Lower Upper

88 100

43 33.6 28.6 42.8

58 61.8 55.2 82.8



#50

Toluene-d8

Concen: 50.637 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013191.D

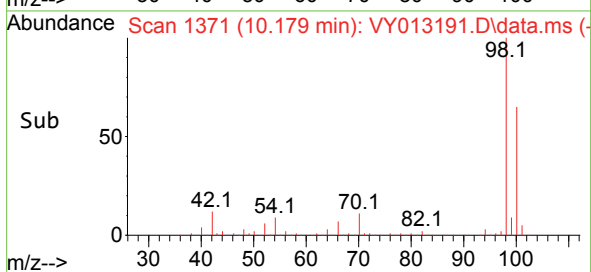
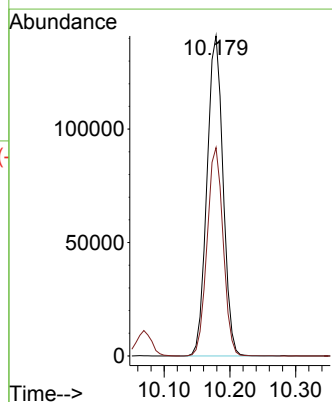
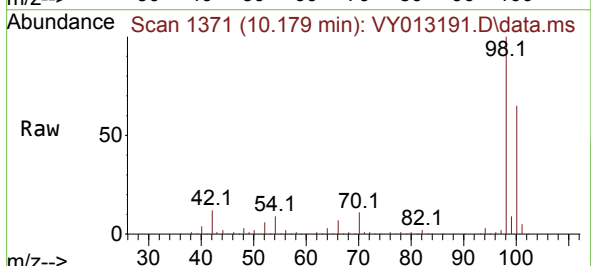
Acq: 04 Apr 2023 15:53

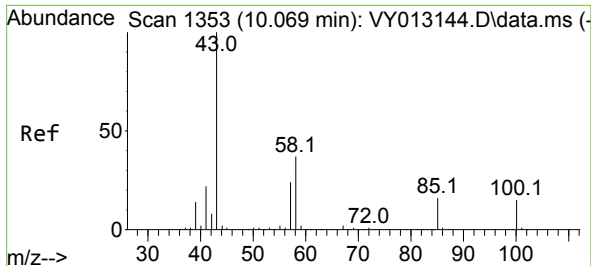
Tgt Ion: 98 Resp: 239883

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3

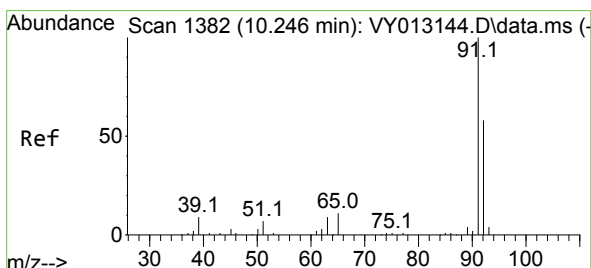
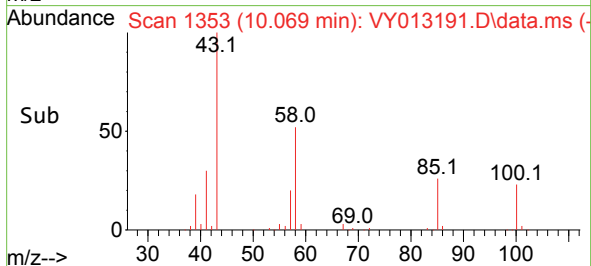
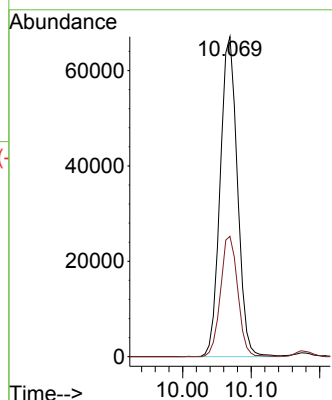
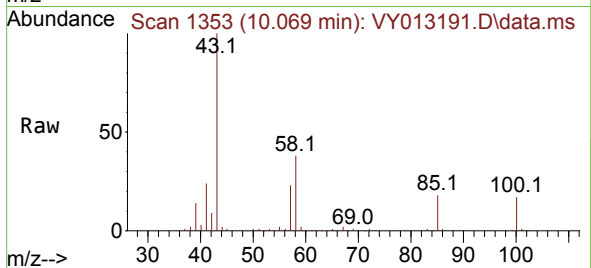




#51
4-Methyl-2-Pentanone
Concen: 112.848 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

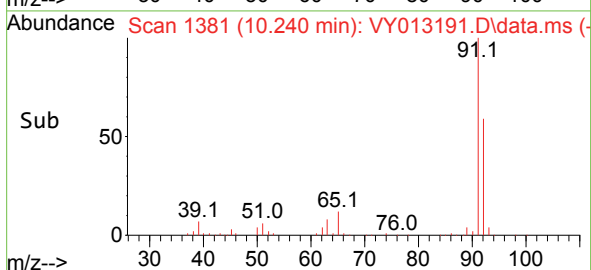
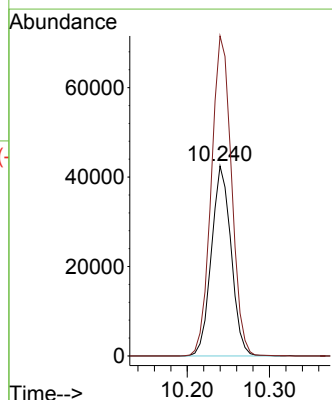
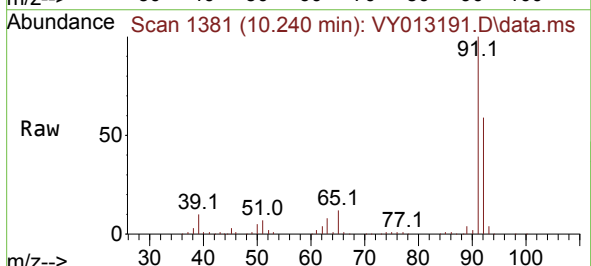
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

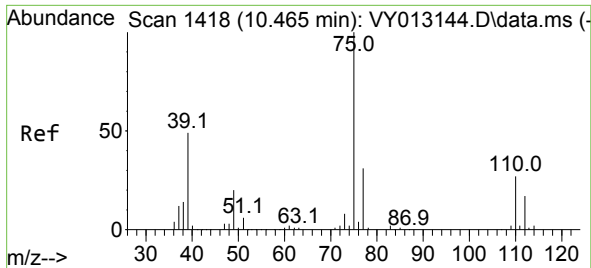
Tgt Ion: 43 Resp: 116988
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6



#52
Toluene
Concen: 20.858 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 92 Resp: 70596
Ion Ratio Lower Upper
92 100
91 173.7 141.3 211.9

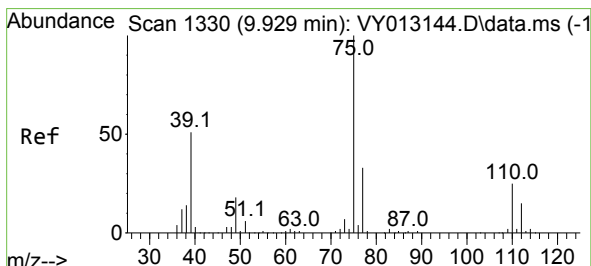
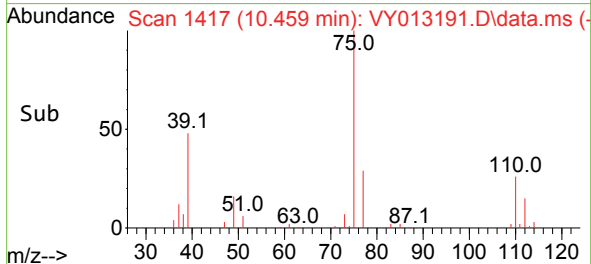
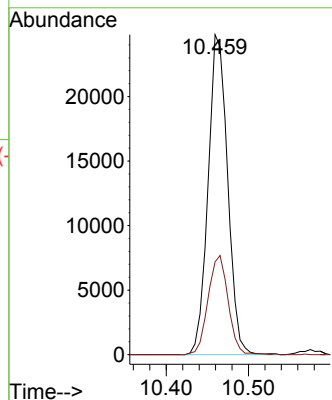
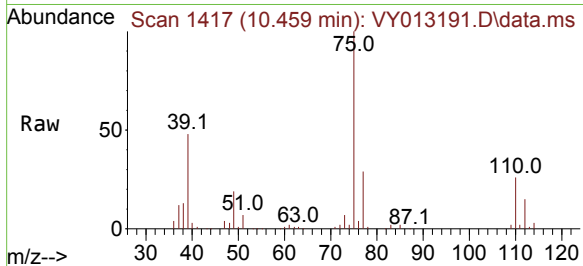




#53
 t-1,3-Dichloropropene
 Concen: 21.127 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

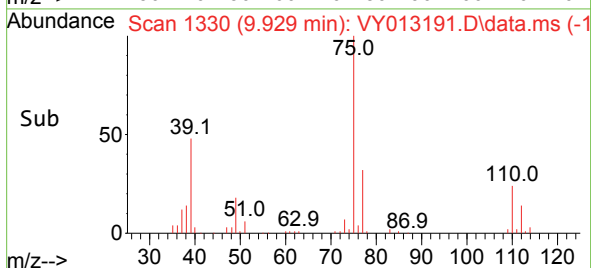
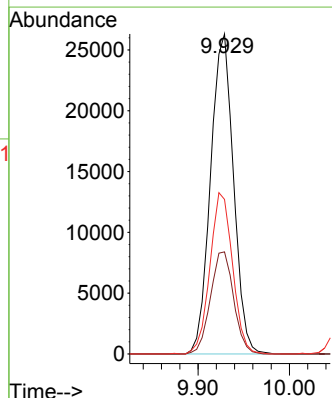
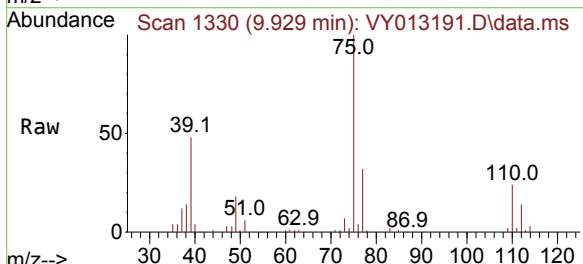
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

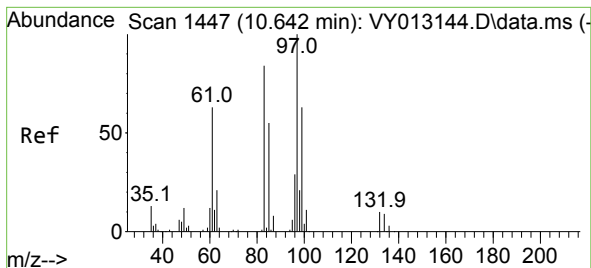
Tgt Ion: 75 Resp: 40897
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.723 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

Tgt Ion: 75 Resp: 45814
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 48.3 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.178 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

Tgt Ion: 97 Resp: 22977

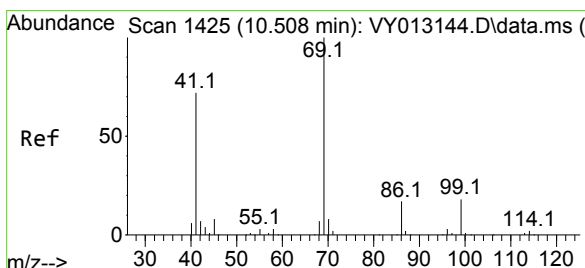
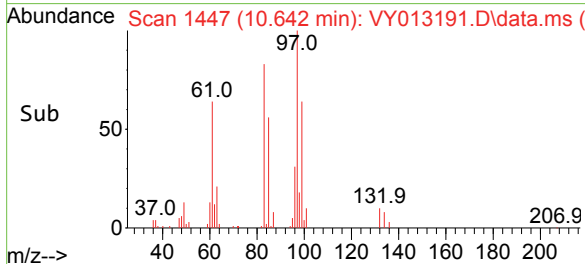
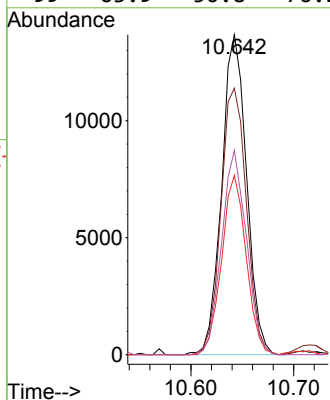
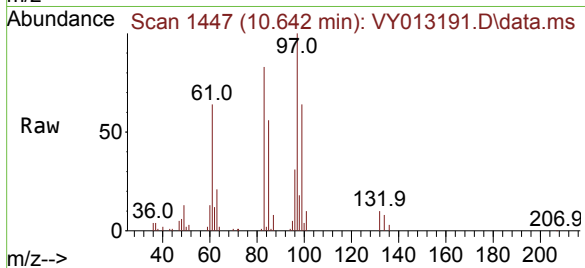
Ion Ratio Lower Upper

97 100

83 83.3 69.0 103.6

85 56.1 44.9 67.3

99 63.9 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.827 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

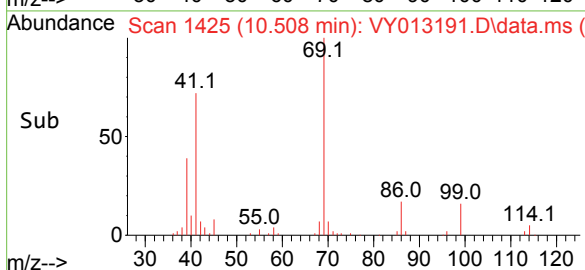
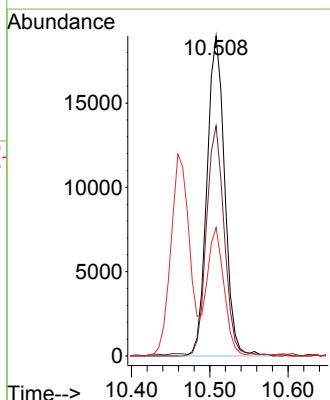
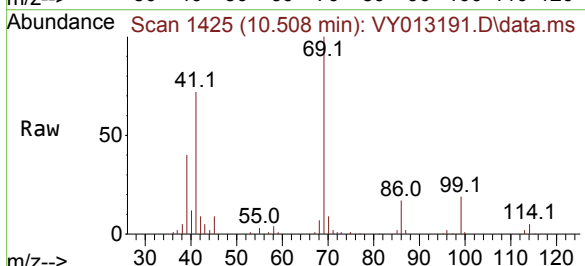
Tgt Ion: 69 Resp: 29774

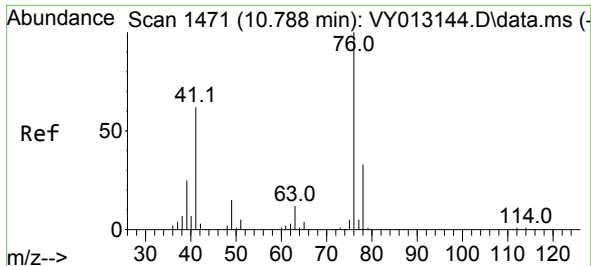
Ion Ratio Lower Upper

69 100

41 72.5 56.4 84.6

39 40.5 30.8 46.2

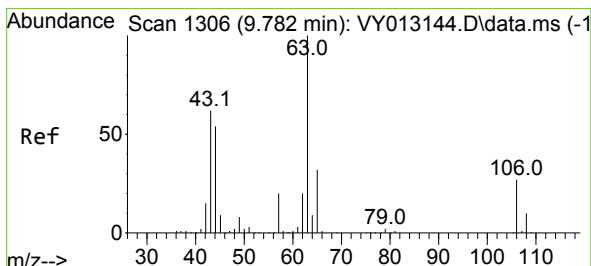
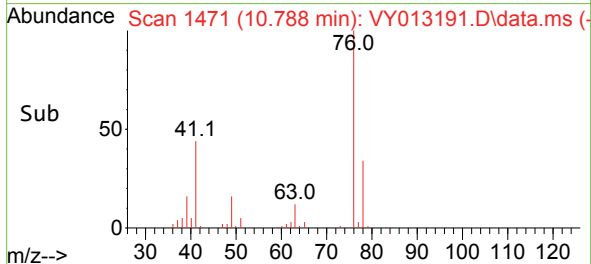
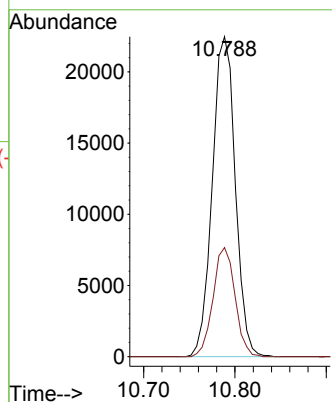
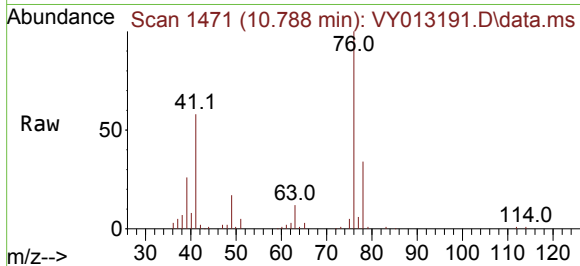




#57
1,3-Dichloropropane
Concen: 21.382 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

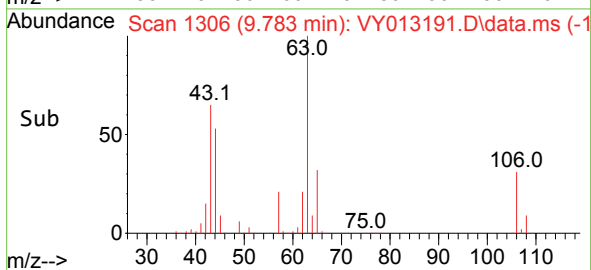
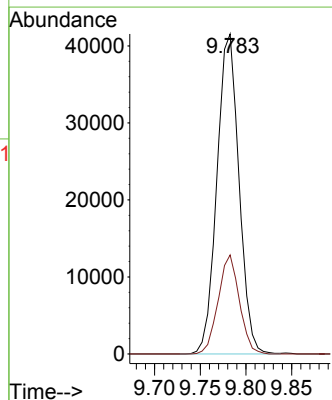
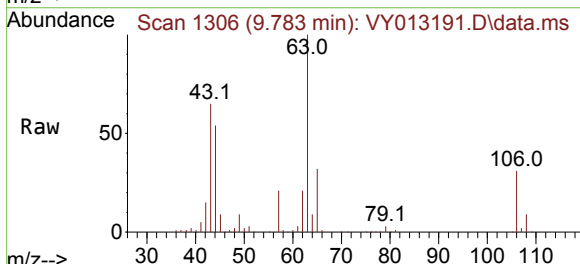
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

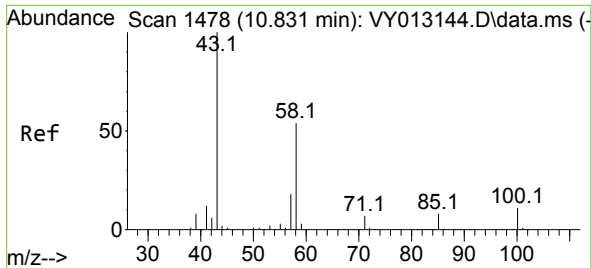
Tgt Ion: 76 Resp: 39162
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 109.400 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 63 Resp: 69778
Ion Ratio Lower Upper
63 100
106 29.7 22.1 33.1

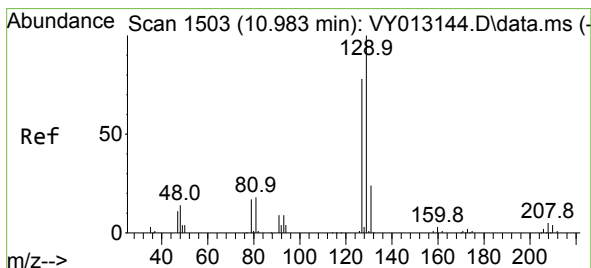
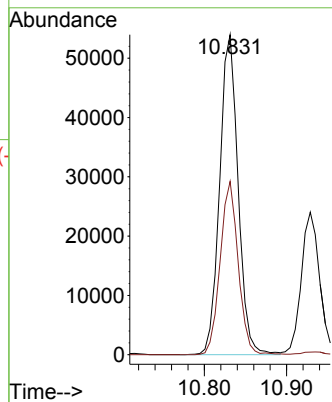
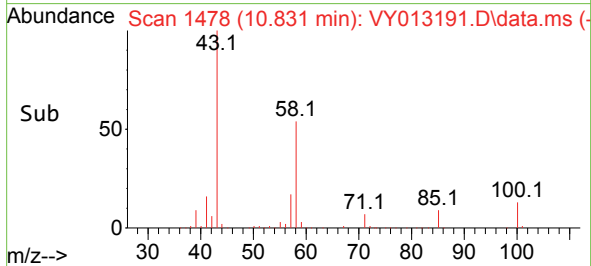
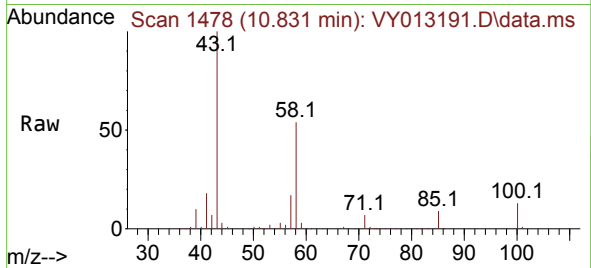




#59
2-Hexanone
Concen: 112.338 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

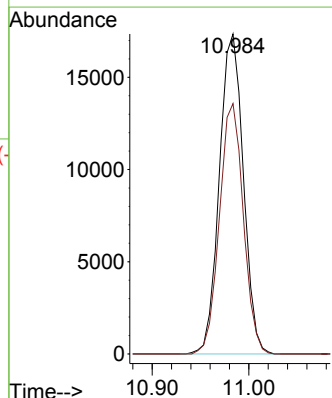
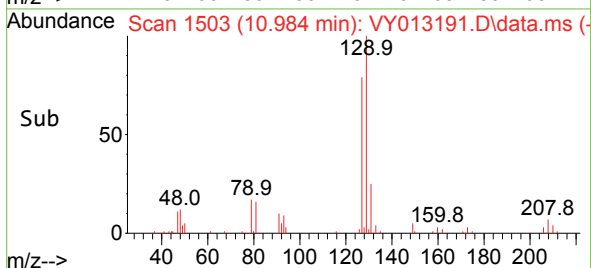
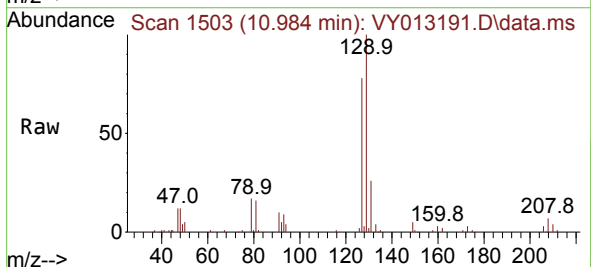
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

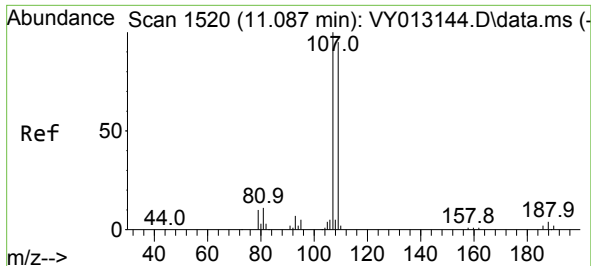
Tgt Ion: 43 Resp: 84226
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8



#60
Dibromochloromethane
Concen: 21.873 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 129 Resp: 29806
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

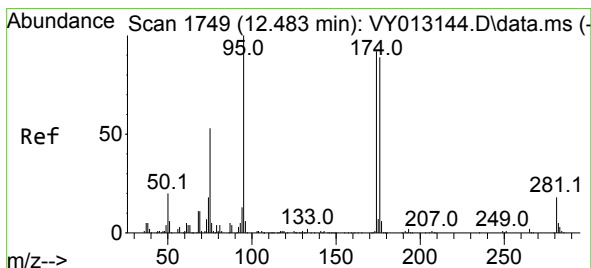
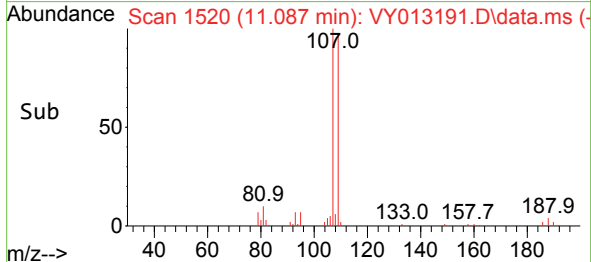
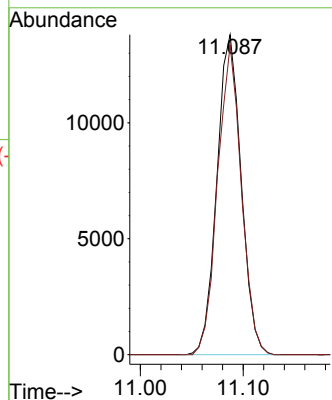
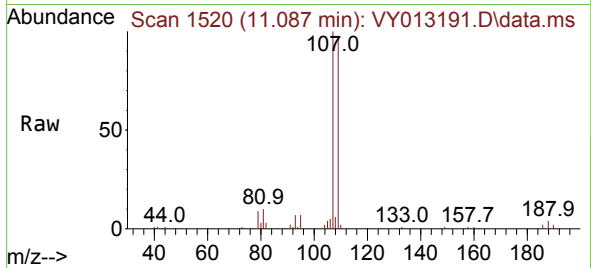




#61
1,2-Dibromoethane
Concen: 21.503 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

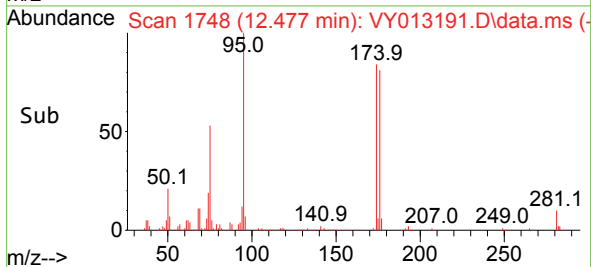
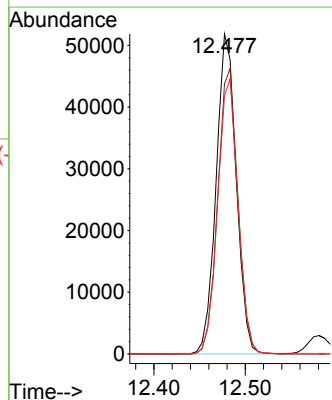
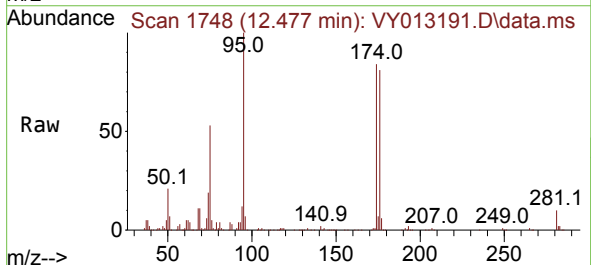
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

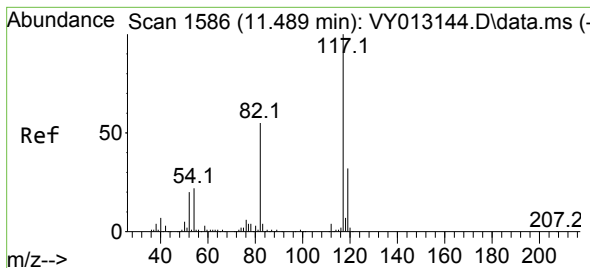
Tgt Ion:107 Resp: 22604
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.439 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 95 Resp: 79319
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 86.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

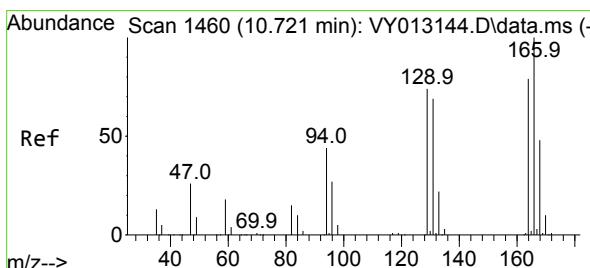
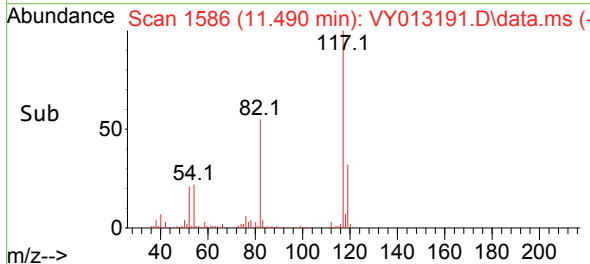
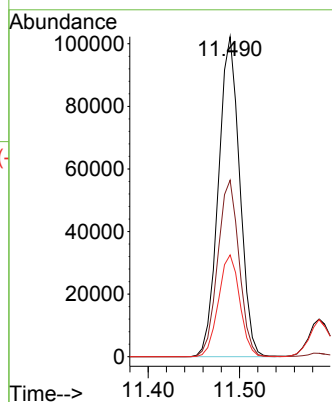
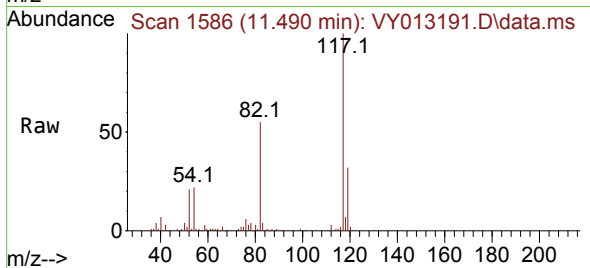
Tgt Ion:117 Resp: 165646

Ion Ratio Lower Upper

117 100

82 55.1 45.4 68.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 22.478 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Tgt Ion:164 Resp: 28625

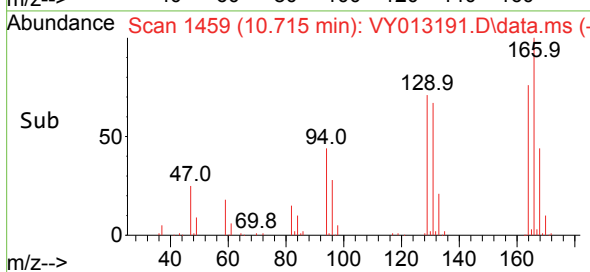
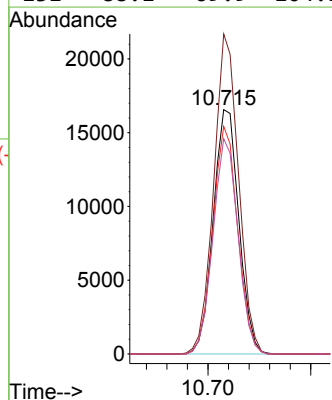
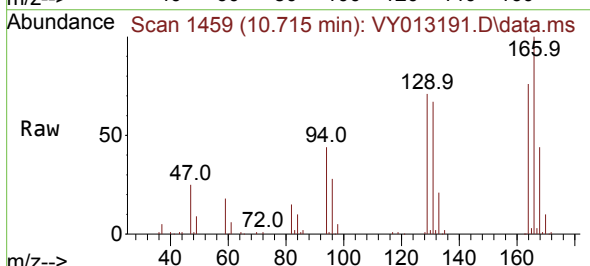
Ion Ratio Lower Upper

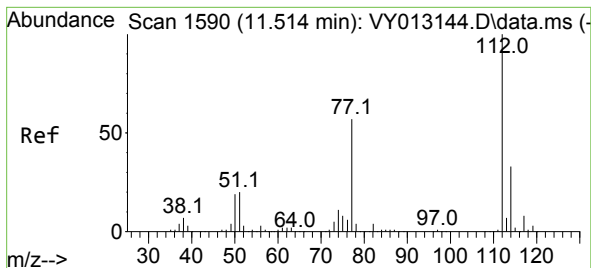
164 100

166 131.0 103.4 155.2

129 93.2 71.4 107.2

131 88.1 69.9 104.9

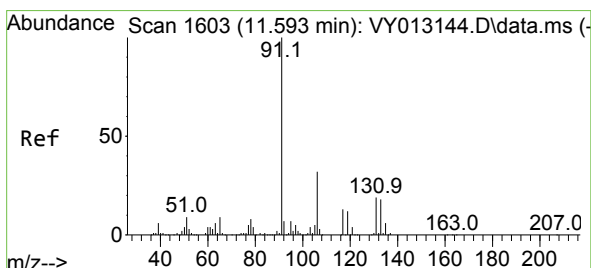
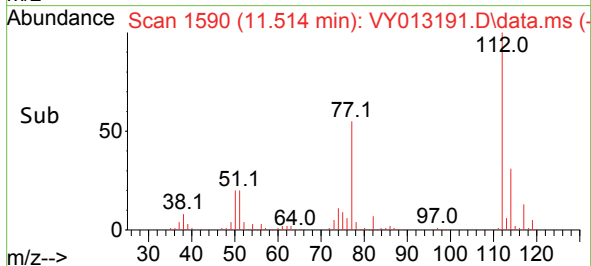
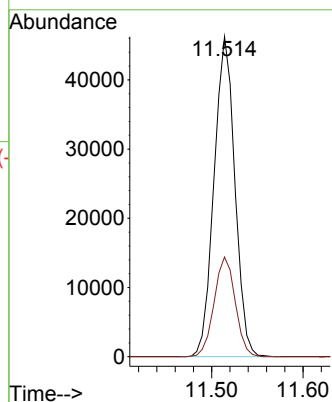
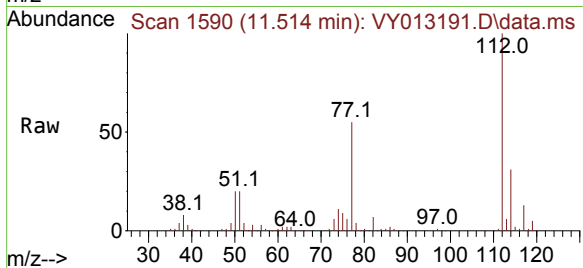




#65
Chlorobenzene
Concen: 20.782 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

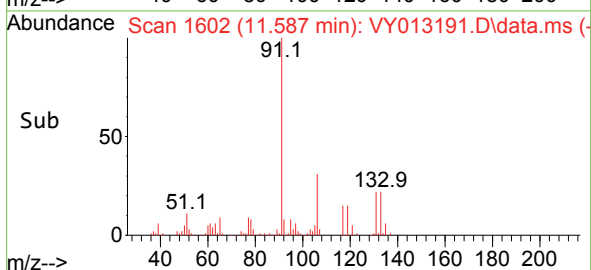
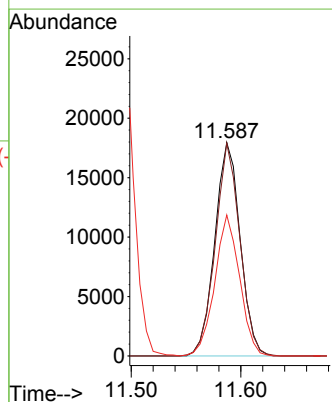
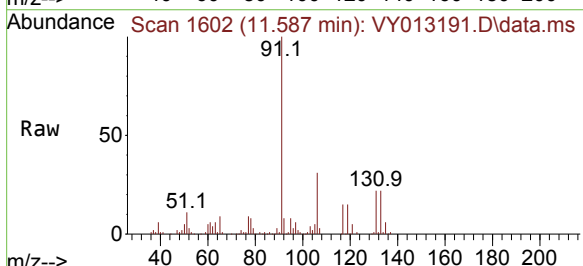
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

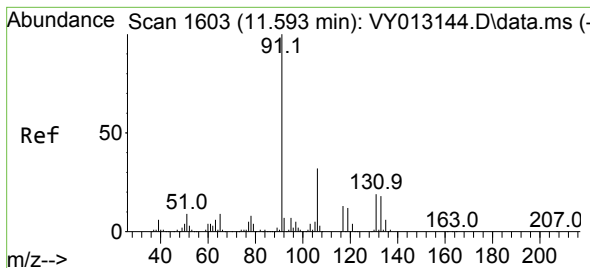
Tgt Ion:112 Resp: 73082
Ion Ratio Lower Upper
112 100
114 31.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.904 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion:131 Resp: 28877
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 64.7 32.6 98.0

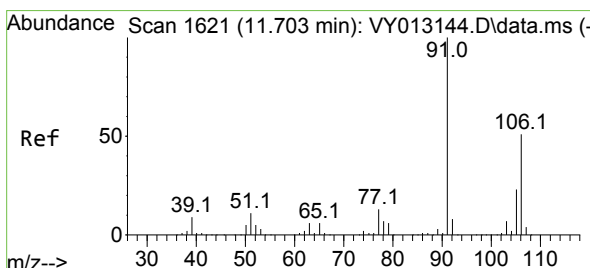
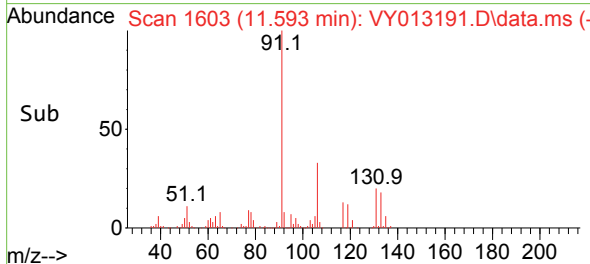
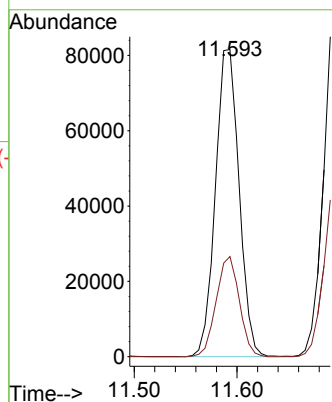
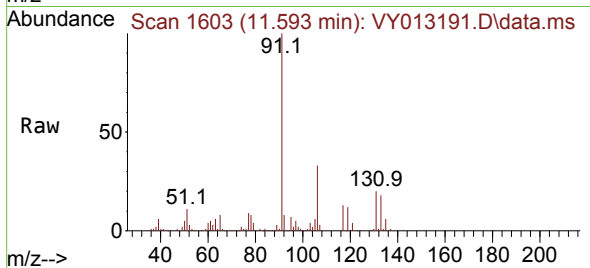




#67
Ethyl Benzene
Concen: 21.461 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

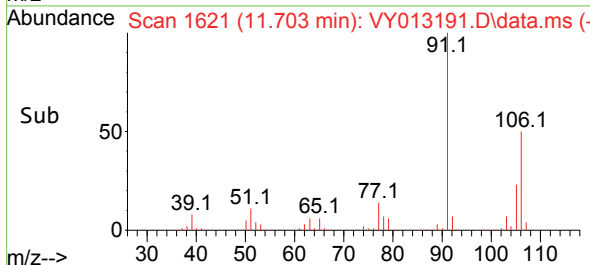
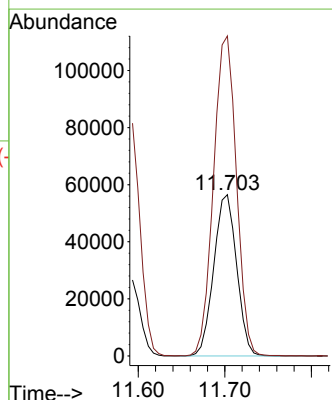
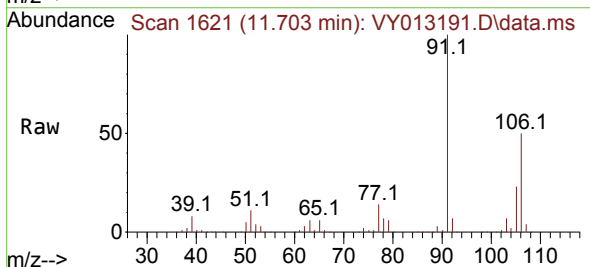
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

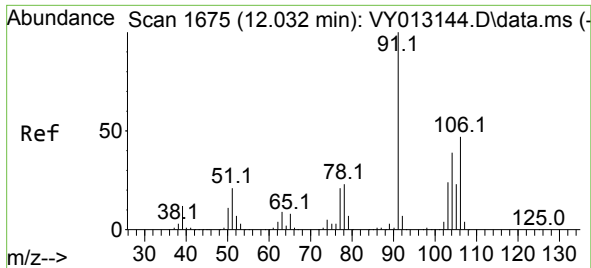
Tgt Ion: 91 Resp: 130343
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 44.096 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion:106 Resp: 103601
Ion Ratio Lower Upper
106 100
91 199.2 159.8 239.8

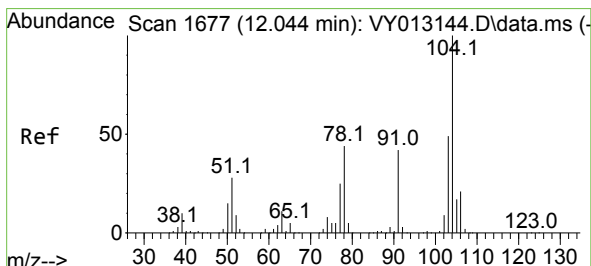
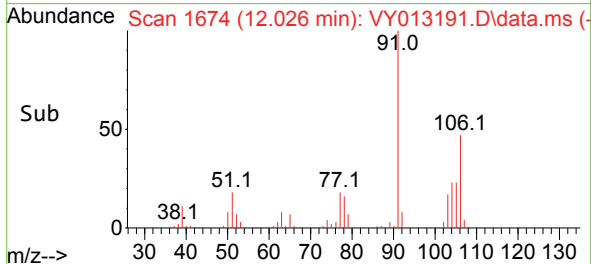
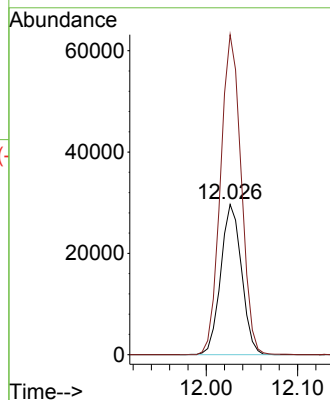
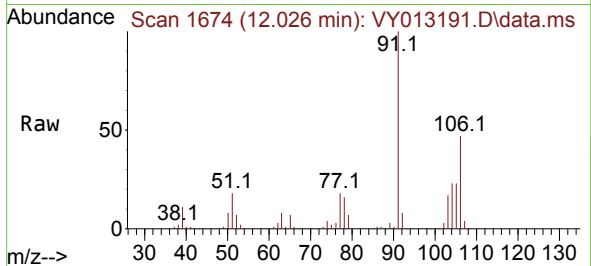




#69
o-Xylene
Concen: 21.561 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

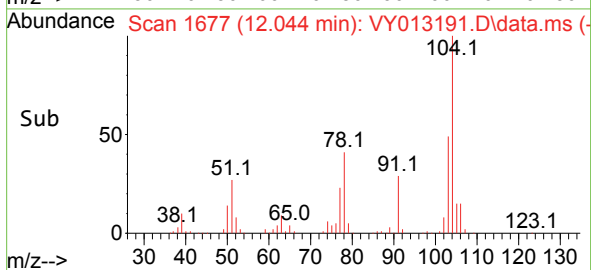
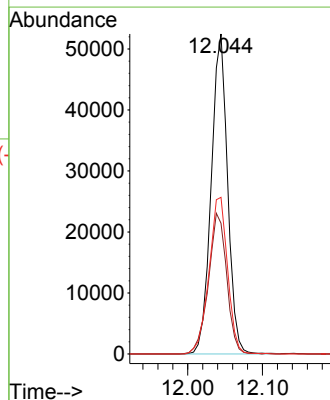
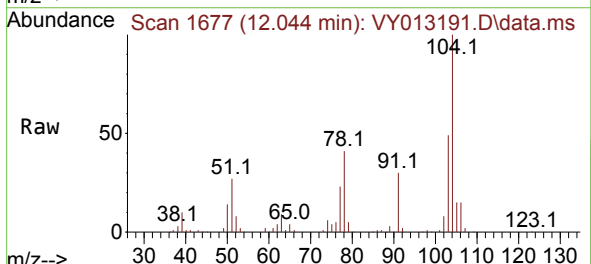
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

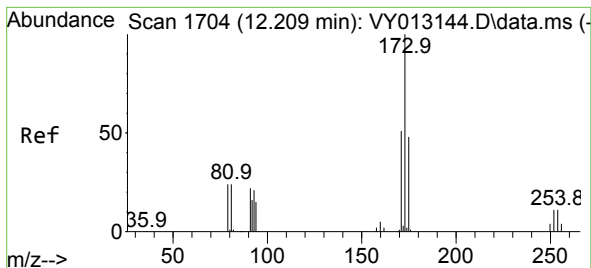
Tgt Ion:106 Resp: 46986
Ion Ratio Lower Upper
106 100
91 212.0 107.2 321.6



#70
Styrene
Concen: 21.951 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion:104 Resp: 80020
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.6 43.7 65.5





#71

Bromoform

Concen: 22.673 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

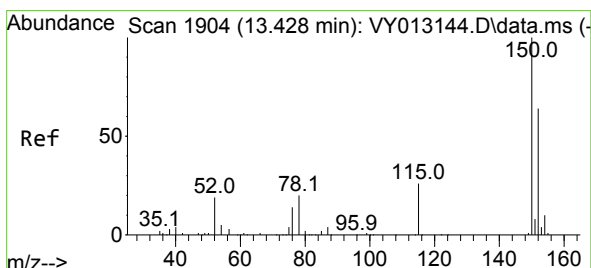
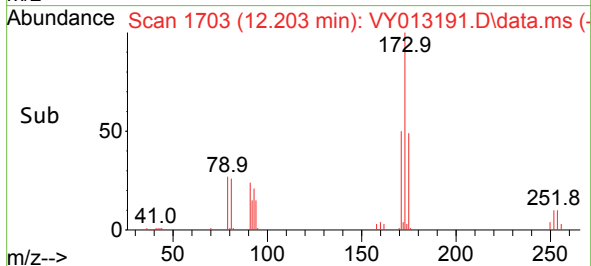
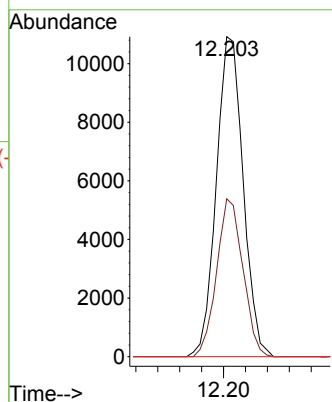
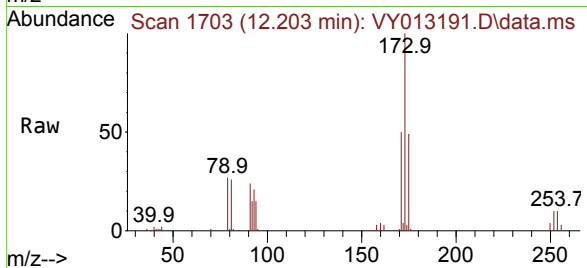
Tgt Ion:173 Resp: 18535

Ion Ratio Lower Upper

173 100

175 48.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

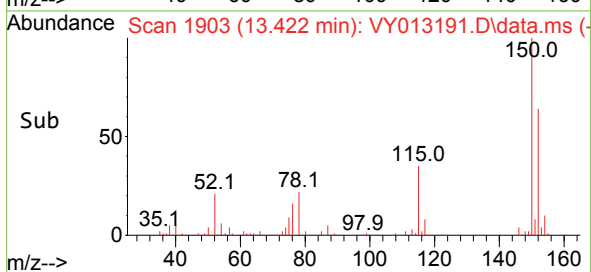
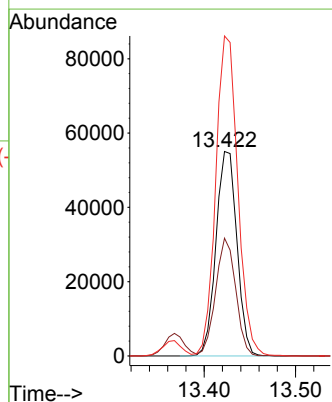
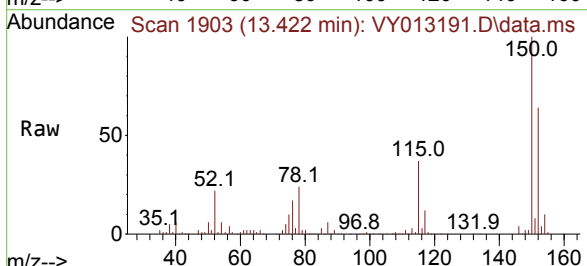
Tgt Ion:152 Resp: 87814

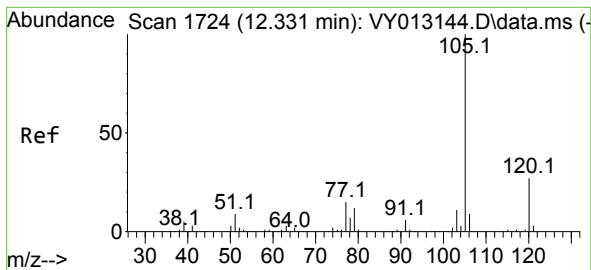
Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 164.5 0.0 347.8





#73

Isopropylbenzene

Concen: 21.175 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

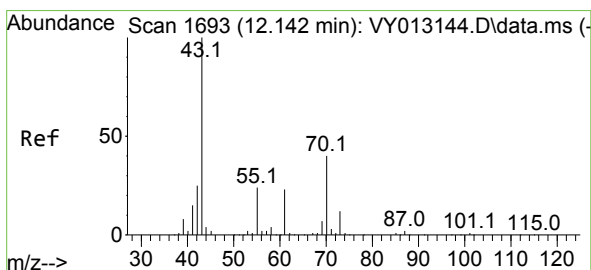
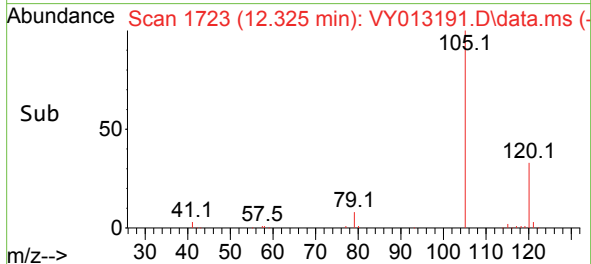
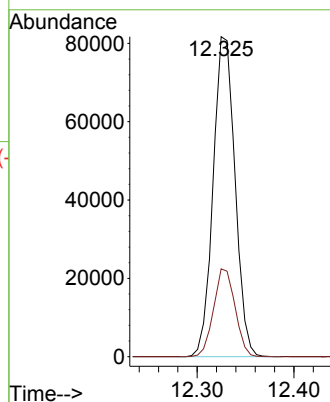
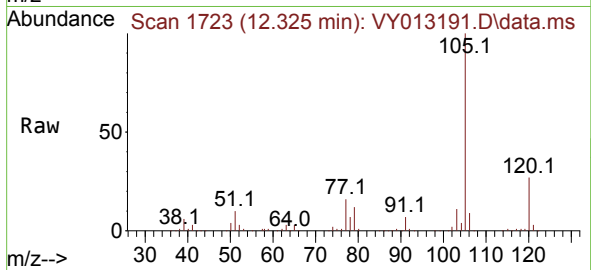
VY0404SBSD01

Tgt Ion:105 Resp: 128357

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 22.444 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Tgt Ion: 43 Resp: 37354

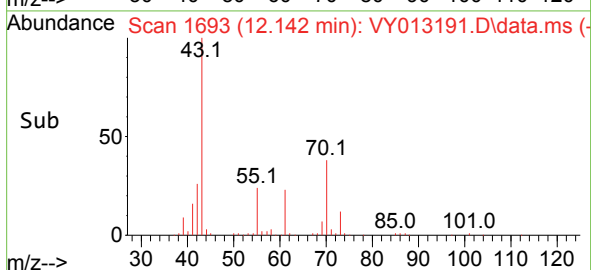
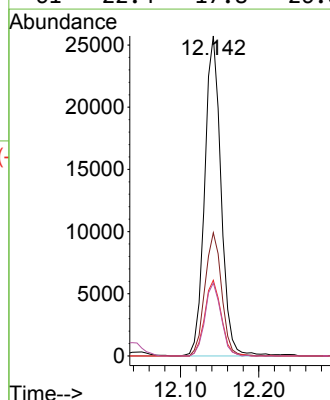
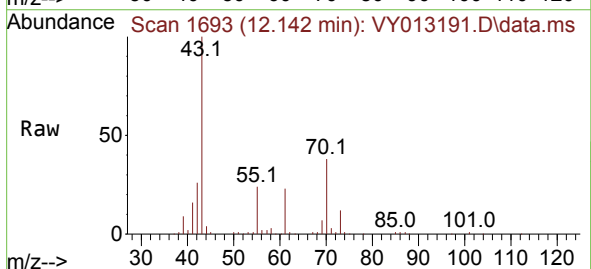
Ion Ratio Lower Upper

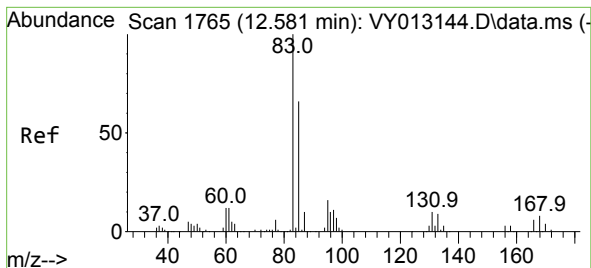
43 100

70 39.2 31.6 47.4

55 23.9 18.8 28.2

61 22.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.944 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

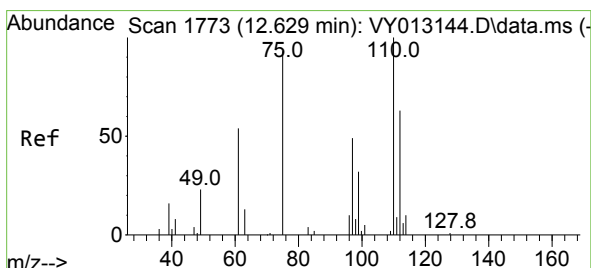
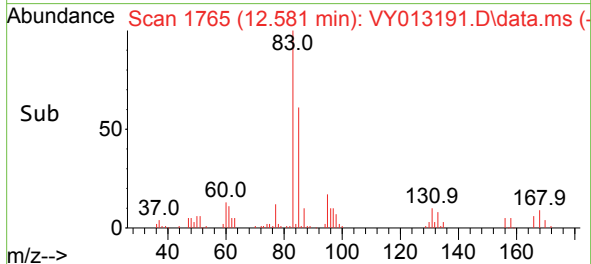
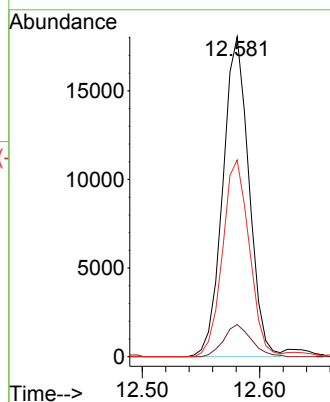
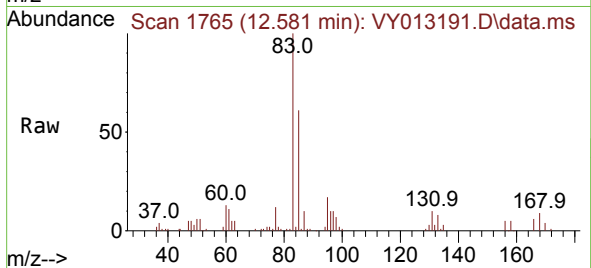
Tgt Ion: 83 Resp: 27863

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

85 63.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 37.400 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013191.D

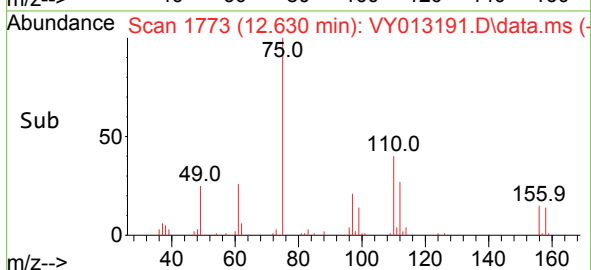
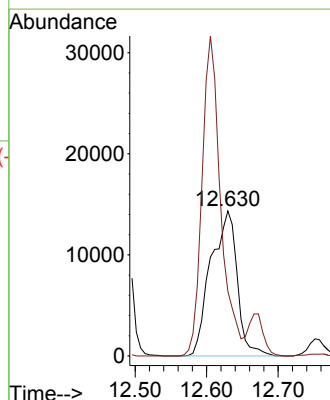
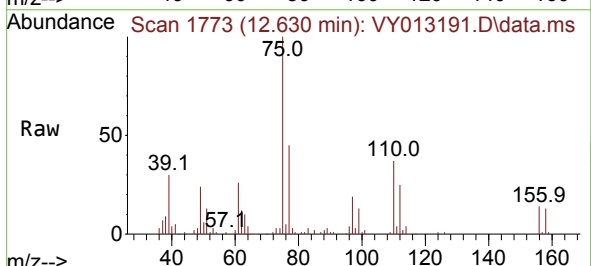
Acq: 04 Apr 2023 15:53

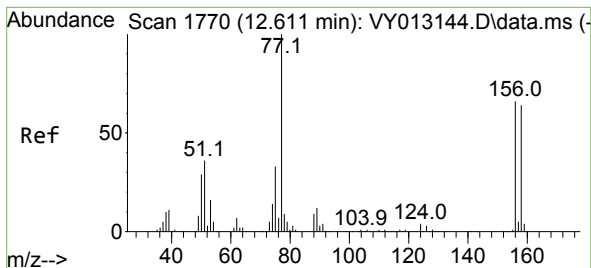
Tgt Ion: 75 Resp: 36895

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.966 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

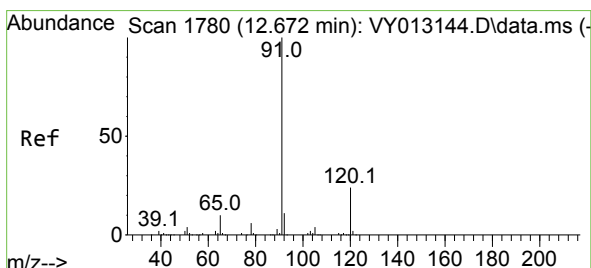
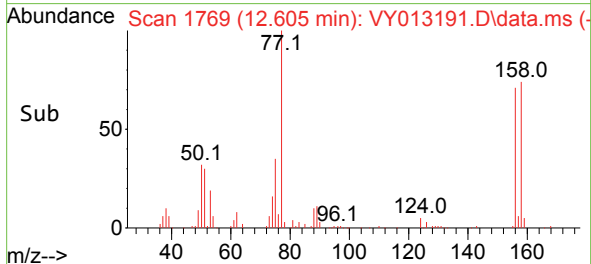
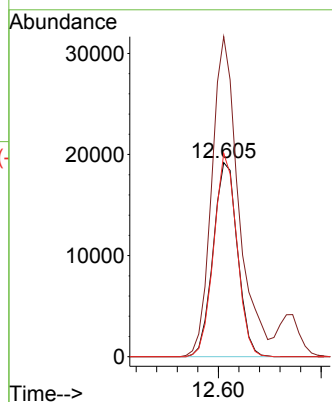
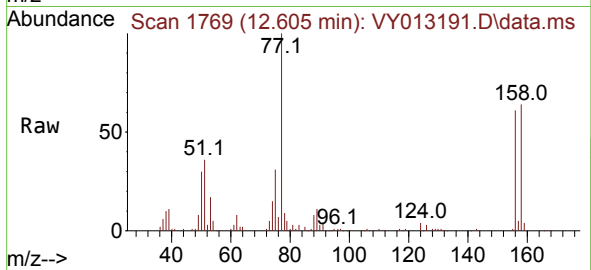
Tgt Ion:156 Resp: 31596

Ion Ratio Lower Upper

156 100

77 180.9 94.0 282.1

158 99.1 48.1 144.4



#78

n-propylbenzene

Concen: 21.088 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013191.D

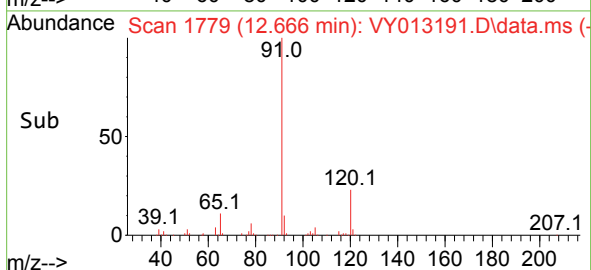
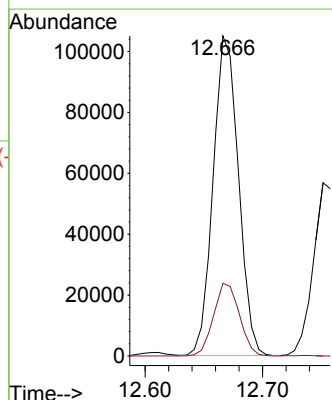
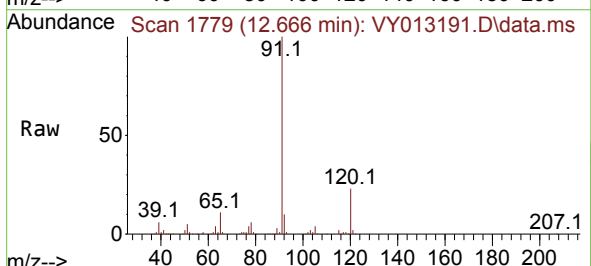
Acq: 04 Apr 2023 15:53

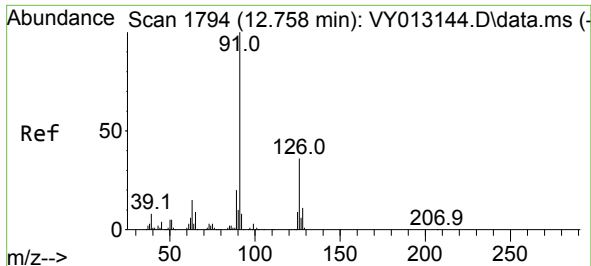
Tgt Ion: 91 Resp: 157170

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

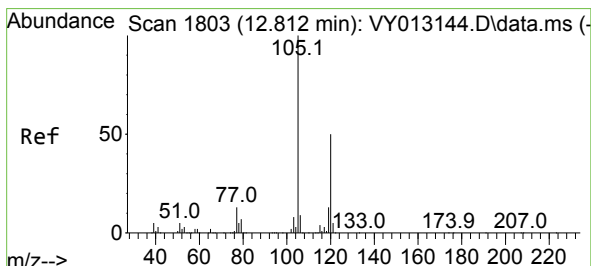
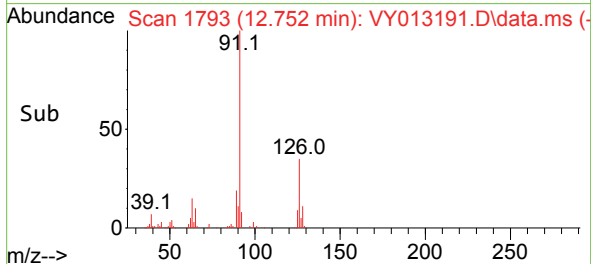
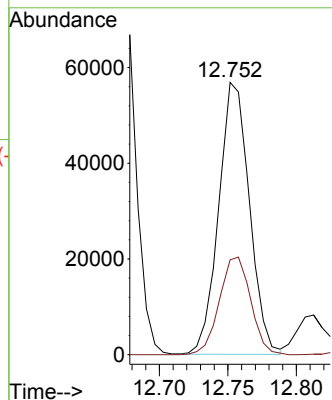
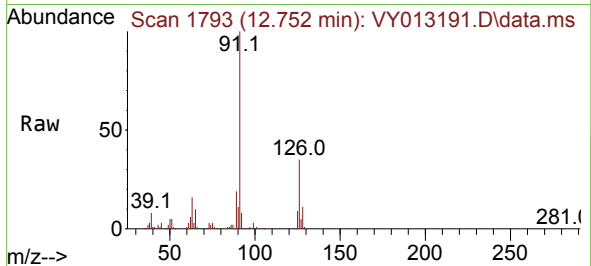




#79
2-Chlorotoluene
Concen: 20.982 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

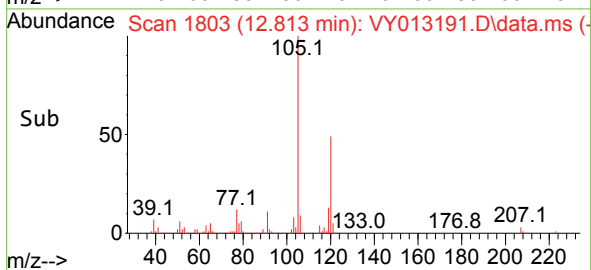
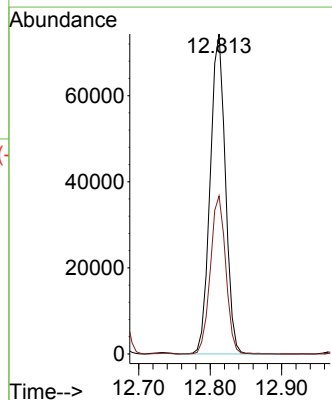
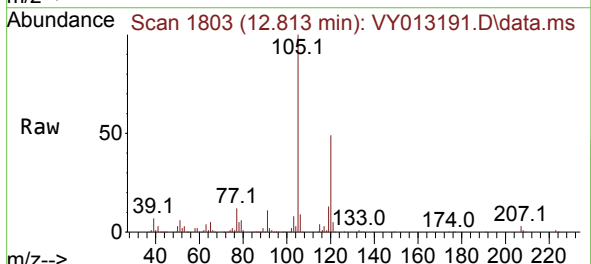
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

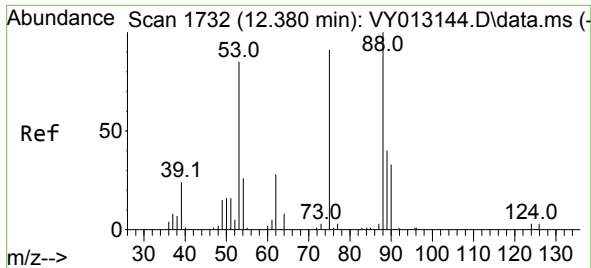
Tgt Ion: 91 Resp: 88736
Ion Ratio Lower Upper
91 100
126 36.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 21.657 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 105 Resp: 109753
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4

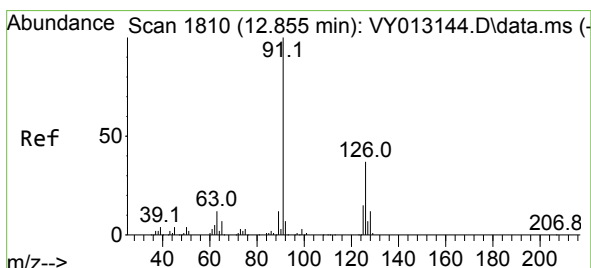
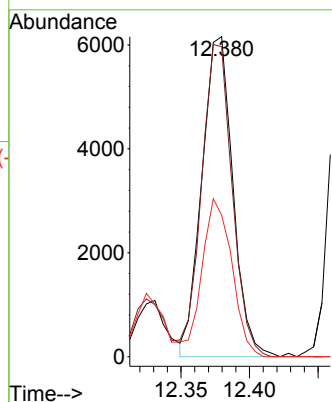
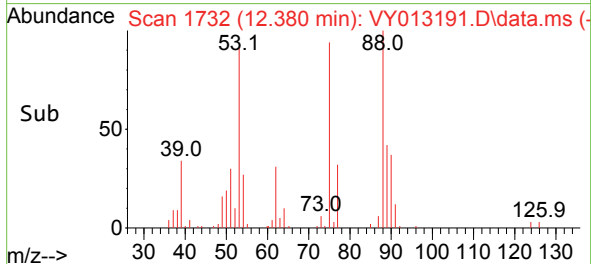
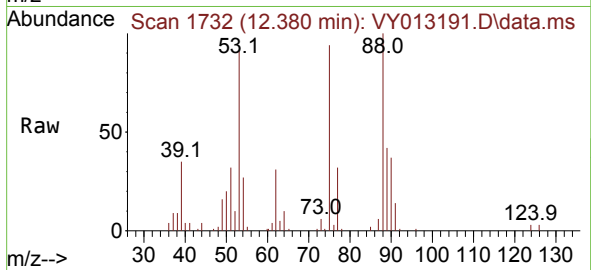




#81
trans-1,4-Dichloro-2-butene
Concen: 21.858 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

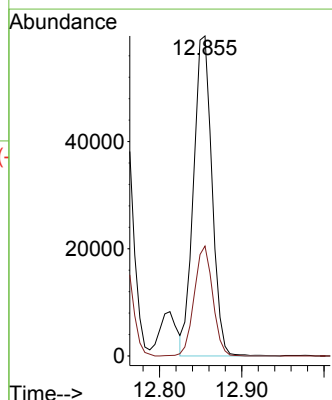
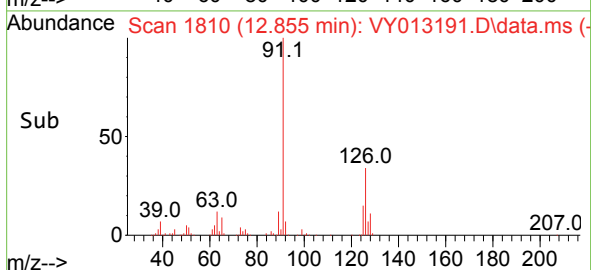
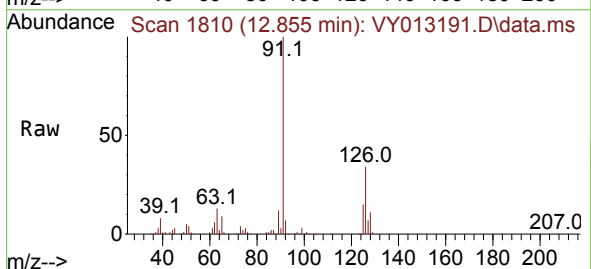
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

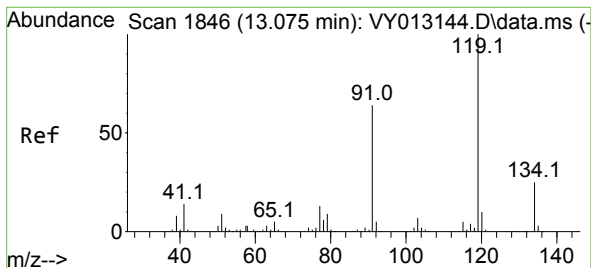
Tgt Ion:	75	Resp:	9669
Ion	Ratio	Lower	Upper
75	100		
53	97.4	73.4	110.0
89	47.6	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.094 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion:	91	Resp:	92845
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.7	53.1

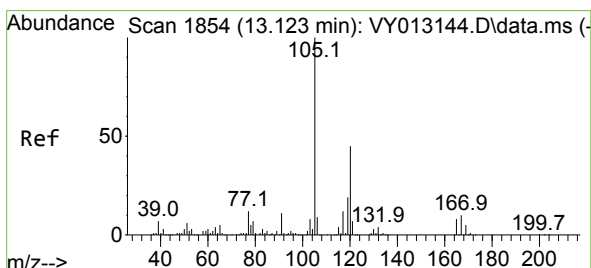
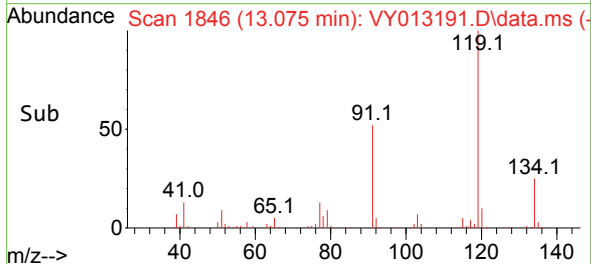
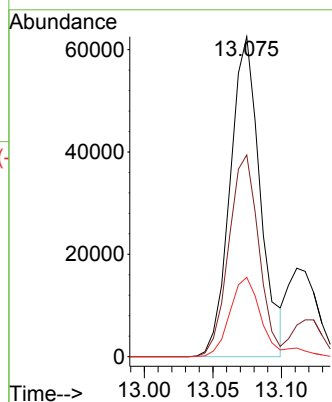
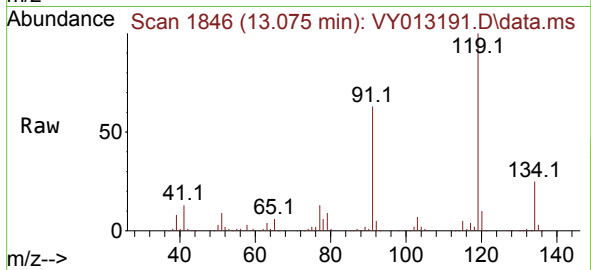




#83
 tert-Butylbenzene
 Concen: 21.971 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

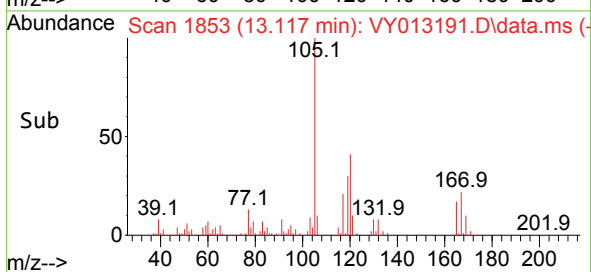
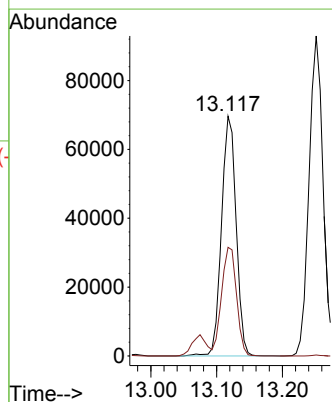
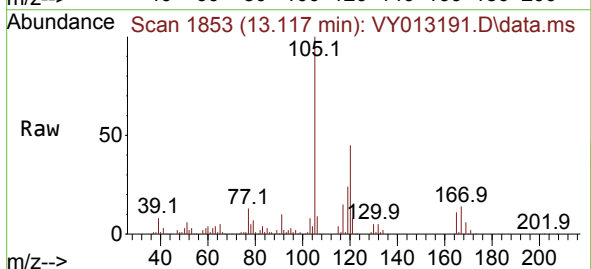
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

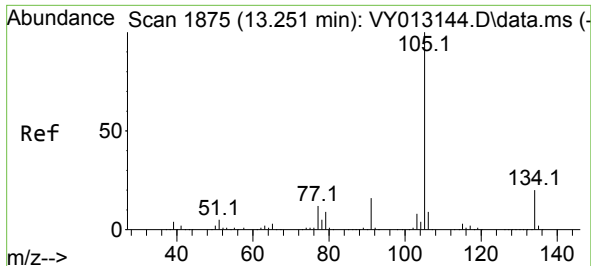
Tgt Ion:119 Resp: 95638
 Ion Ratio Lower Upper
 119 100
 91 62.8 32.8 98.3
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.723 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

Tgt Ion:105 Resp: 107812
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0

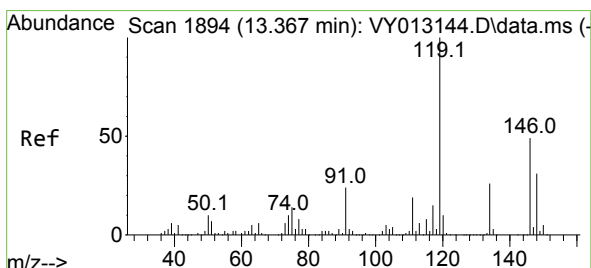
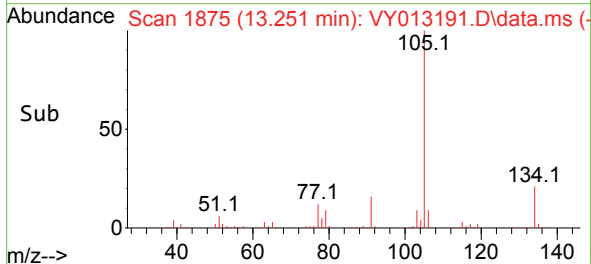
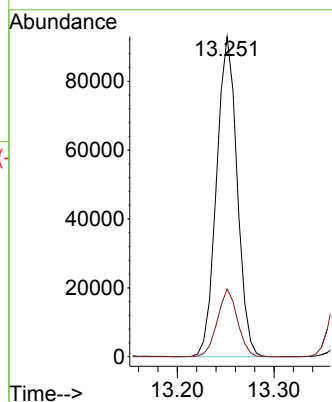
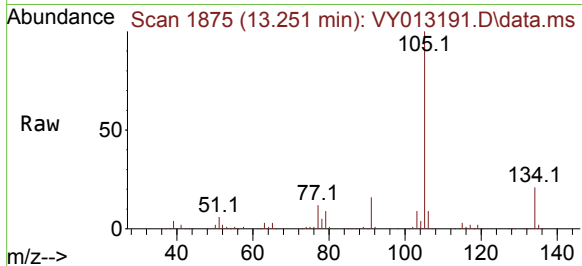




#85
 sec-Butylbenzene
 Concen: 20.882 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

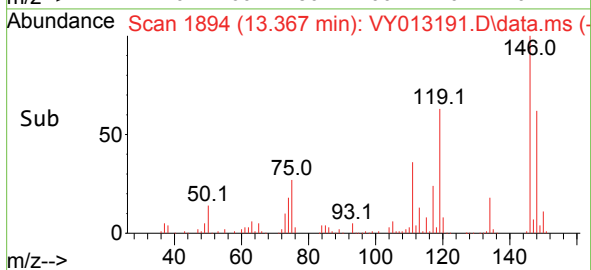
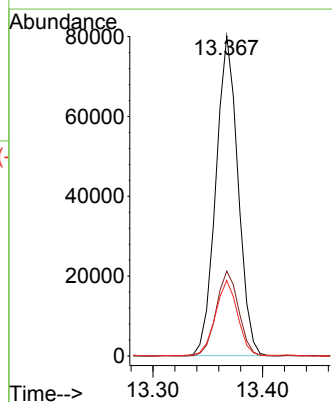
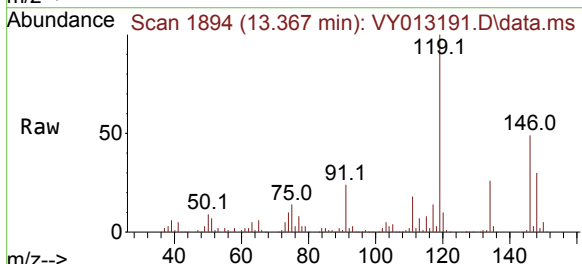
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

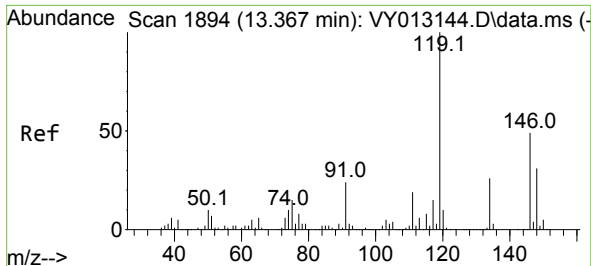
Tgt Ion:105 Resp: 137246
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.761 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013191.D
 Acq: 04 Apr 2023 15:53

Tgt Ion:119 Resp: 112333
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 24.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.847 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

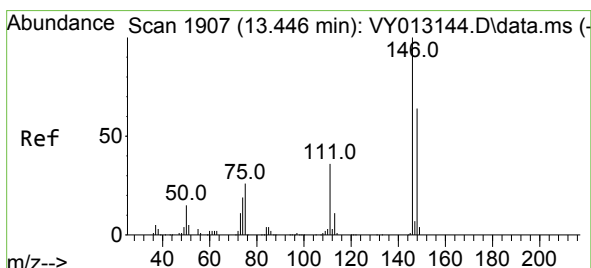
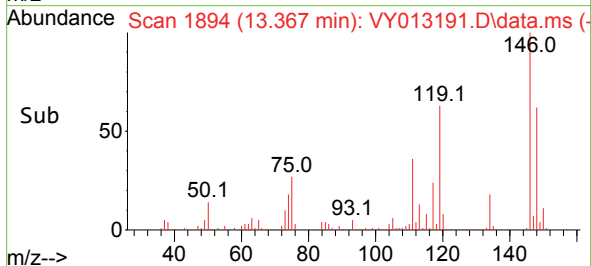
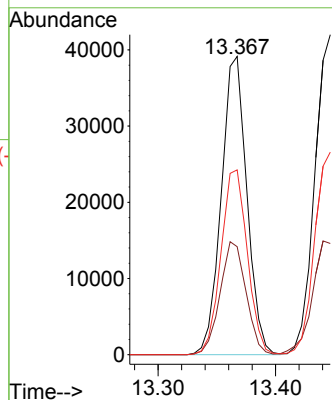
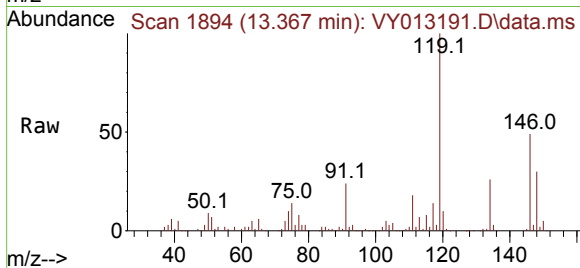
Tgt Ion:146 Resp: 59290

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.016 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

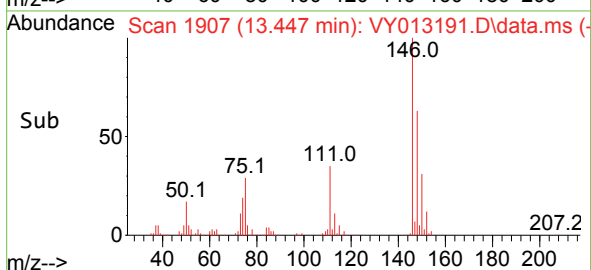
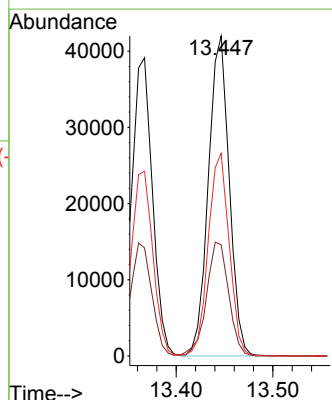
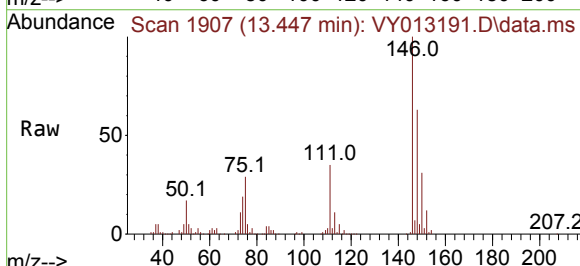
Tgt Ion:146 Resp: 62913

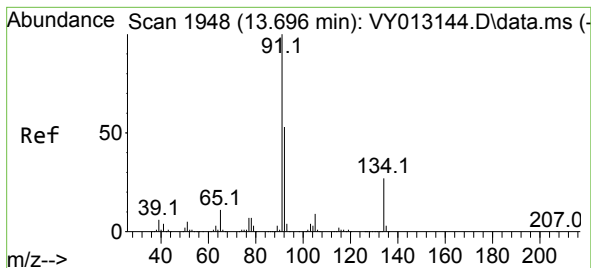
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 21.829 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

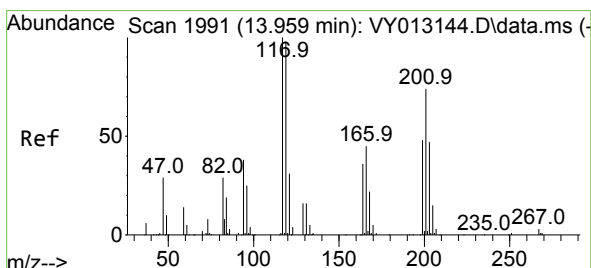
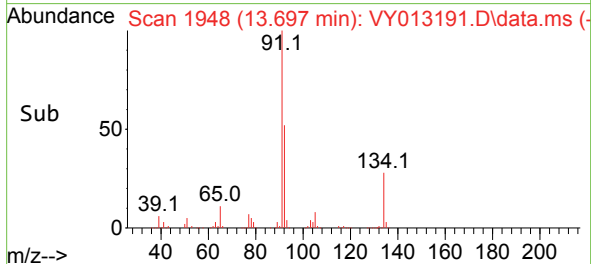
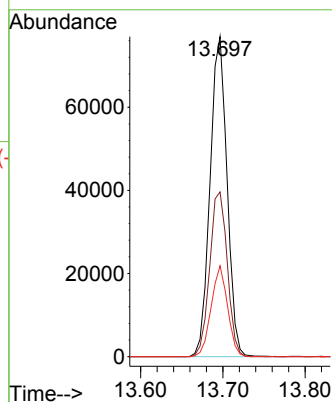
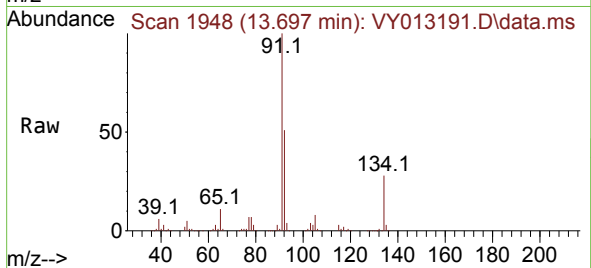
Tgt Ion: 91 Resp: 110412

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

134 27.4 13.0 38.9



#90

Hexachloroethane

Concen: 21.727 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013191.D

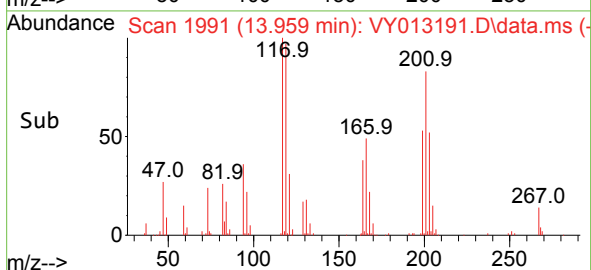
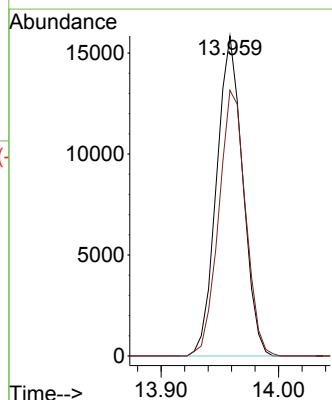
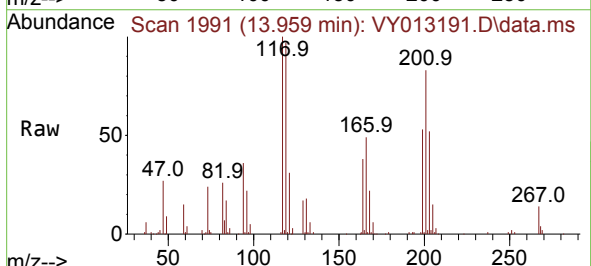
Acq: 04 Apr 2023 15:53

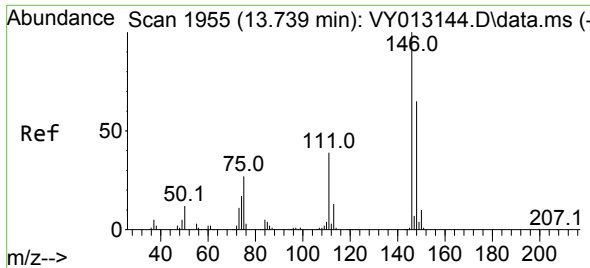
Tgt Ion: 117 Resp: 24490

Ion Ratio Lower Upper

117 100

201 85.2 39.4 118.1

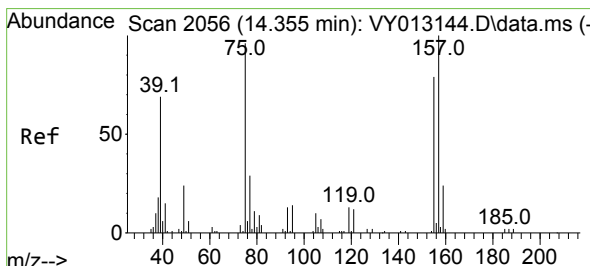
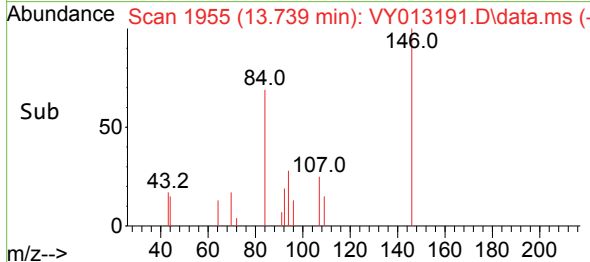
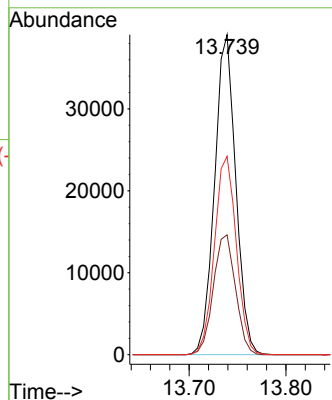
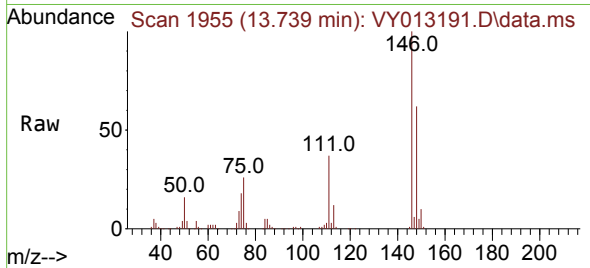




#91
1,2-Dichlorobenzene
Concen: 22.294 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

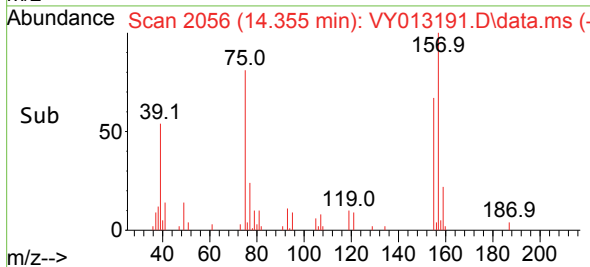
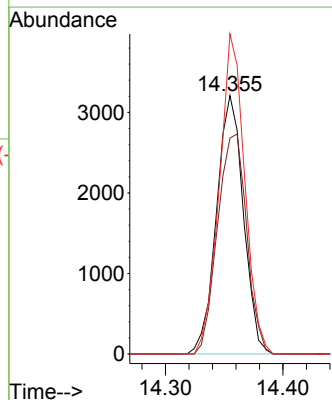
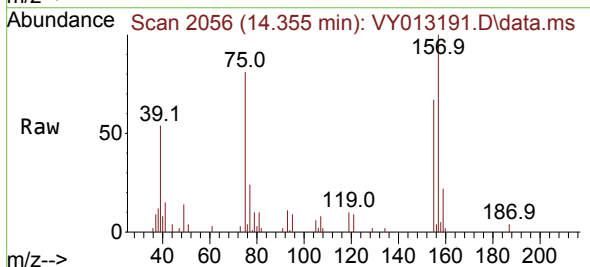
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

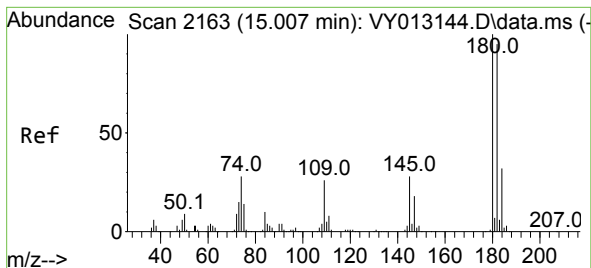
Tgt Ion:146 Resp: 59481
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 64.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.077 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013191.D
Acq: 04 Apr 2023 15:53

Tgt Ion: 75 Resp: 5087
Ion Ratio Lower Upper
75 100
155 92.2 43.8 131.4
157 117.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 24.084 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

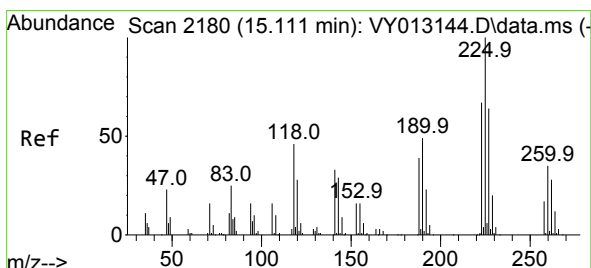
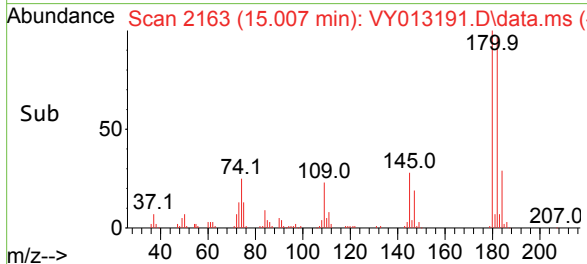
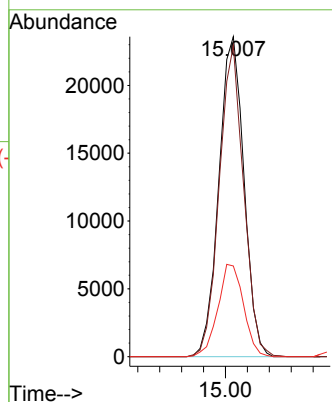
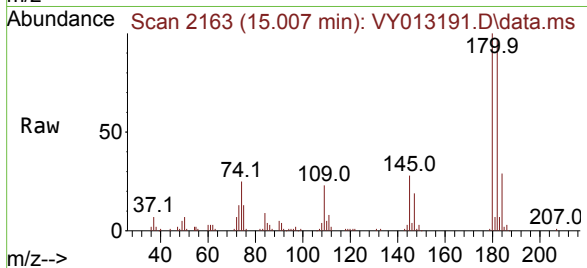
Tgt Ion:180 Resp: 37471

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 24.584 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

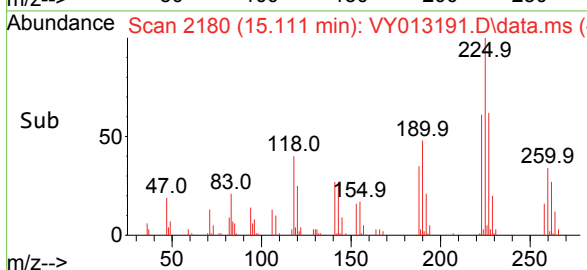
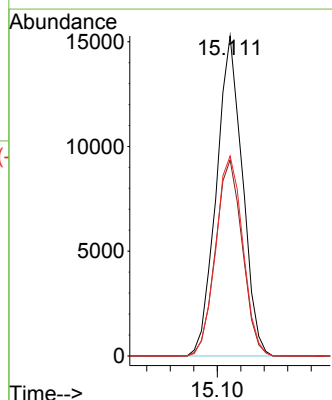
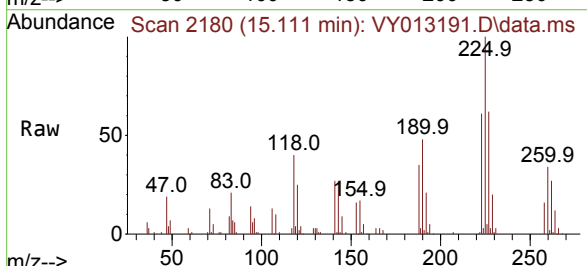
Tgt Ion:225 Resp: 23524

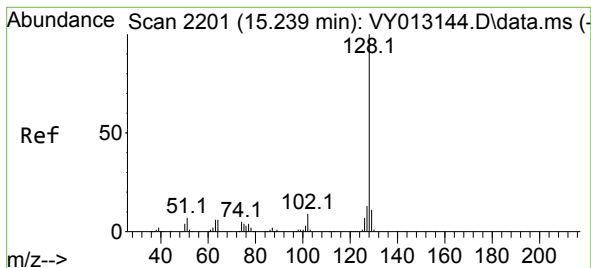
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.3

227 64.9 32.4 97.0





#95

Naphthalene

Concen: 23.391 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

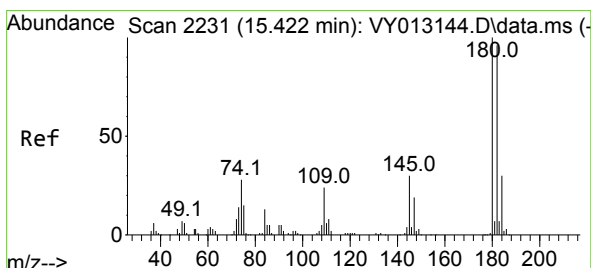
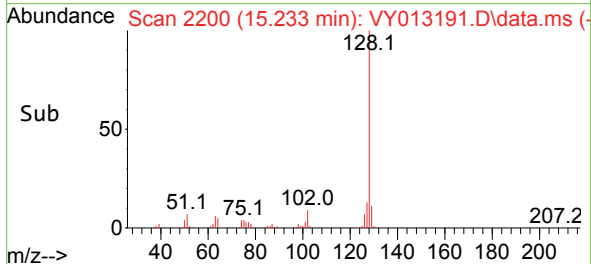
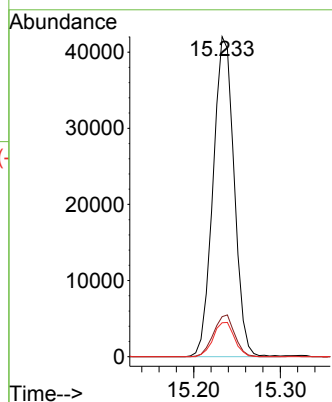
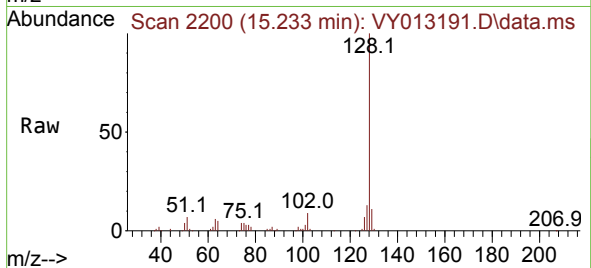
Tgt Ion:128 Resp: 71025

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.045 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013191.D

Acq: 04 Apr 2023 15:53

Tgt Ion:180 Resp: 32960

Ion Ratio Lower Upper

180 100

182 97.5 47.4 142.3

145 31.3 15.3 45.8

