

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013204.D
 Acq On : 05 Apr 2023 12:09
 Operator : KP/MD
 Sample : VY0405SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

Quant Time: Apr 06 01:27:39 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	132057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62840	44.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.560%
35) Dibromofluoromethane	7.710	113	54363	43.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.320%
50) Toluene-d8	10.179	98	207371	43.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.220%
62) 4-Bromofluorobenzene	12.477	95	69712	45.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24220	18.709	ug/l	97
3) Chloromethane	2.107	50	16105	11.930	ug/l	97
4) Vinyl Chloride	2.247	62	23693	17.505	ug/l	96
5) Bromomethane	2.637	94	16835	17.624	ug/l	95
6) Chloroethane	2.784	64	14955	17.639	ug/l	99
7) Trichlorofluoromethane	3.119	101	41951	17.415	ug/l	100
8) Diethyl Ether	3.521	74	14485	19.149	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	23868	17.971	ug/l	92
10) Methyl Iodide	4.082	142	31433	18.175	ug/l	97
11) Tert butyl alcohol	4.954	59	18712	146.289	ug/l	97
12) 1,1-Dichloroethene	3.863	96	22803	17.761	ug/l	92
13) Acrolein	3.723	56	16051	89.420	ug/l	98
14) Allyl chloride	4.473	41	34372	15.713	ug/l	90
15) Acrylonitrile	5.155	53	38139	101.463	ug/l	98
16) Acetone	3.942	43	42037	96.866	ug/l	98
17) Carbon Disulfide	4.186	76	65025	15.208	ug/l	100
18) Methyl Acetate	4.473	43	27097	19.816	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	67378	20.711	ug/l	96
20) Methylene Chloride	4.710	84	29337	15.922	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	25097	17.350	ug/l	93
22) Diisopropyl ether	6.112	45	70200	16.425	ug/l #	94
23) Vinyl Acetate	6.051	43	219074	90.139	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	42195	16.670	ug/l	99
25) 2-Butanone	6.984	43	55576	102.419	ug/l	96
26) 2,2-Dichloropropane	6.978	77	42897	18.842	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	28204	18.098	ug/l	97
28) Bromochloromethane	7.332	49	16693	15.369	ug/l #	74
29) Tetrahydrofuran	7.344	42	32854	102.278	ug/l #	87
30) Chloroform	7.502	83	47318	18.052	ug/l	99
31) Cyclohexane	7.783	56	37024	15.980	ug/l #	83
32) 1,1,1-Trichloroethane	7.698	97	44863	19.358	ug/l	98
36) 1,1-Dichloropropene	7.917	75	34427	18.155	ug/l	98
37) Ethyl Acetate	7.070	43	21968	20.394	ug/l	97
38) Carbon Tetrachloride	7.899	117	43217	20.656	ug/l	99
39) Methylcyclohexane	9.179	83	40235	18.086	ug/l	97
40) Benzene	8.155	78	99806	18.223	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	32013	66.990	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	34667	20.660	ug/l	99
43) Isopropyl Acetate	8.271	43	39654	20.566	ug/l	96
44) Trichloroethene	8.935	130	30026	19.915	ug/l	93
45) 1,2-Dichloropropane	9.216	63	23335	17.015	ug/l	96
46) Dibromomethane	9.301	93	17177	21.802	ug/l	97
47) Bromodichloromethane	9.496	83	38818	20.420	ug/l	99
48) Methyl methacrylate	9.289	41	21451	23.888	ug/l	97
49) 1,4-Dioxane	9.301	88	5320	567.611	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	141769	136.238	ug/l	98
52) Toluene	10.240	92	66475	19.567	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	38461	19.794	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	43367	19.542	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	22655	20.803	ug/l	95
56) Ethyl methacrylate	10.508	69	28869	21.084	ug/l	95
57) 1,3-Dichloropropane	10.788	76	36458	19.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	79756	124.573	ug/l	99
59) 2-Hexanone	10.831	43	84863	112.762	ug/l	97
60) Dibromochloromethane	10.984	129	29781	21.773	ug/l	100
61) 1,2-Dibromoethane	11.081	107	22553	21.374	ug/l	100
64) Tetrachloroethene	10.715	164	28495	21.051	ug/l	94
65) Chlorobenzene	11.514	112	71596	19.154	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	29232	20.860	ug/l	97
67) Ethyl Benzene	11.587	91	125377	19.421	ug/l	100
68) m/p-Xylenes	11.697	106	100126	40.093	ug/l	98
69) o-Xylene	12.026	106	46451	20.053	ug/l	98
70) Styrene	12.038	104	80124	20.677	ug/l	99
71) Bromoform	12.203	173	21235	24.437	ug/l #	99
73) Isopropylbenzene	12.325	105	125128	18.783	ug/l	98
74) N-amyl acetate	12.142	43	34104	18.646	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	27656	19.820	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	36962	34.093	ug/l #	100
77) Bromobenzene	12.605	156	33340	20.130	ug/l	88
78) n-propylbenzene	12.666	91	148709	18.156	ug/l	98
79) 2-Chlorotoluene	12.752	91	85183	18.328	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	107349	19.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	9658	19.867	ug/l	93
82) 4-Chlorotoluene	12.849	91	90343	18.677	ug/l	99
83) tert-Butylbenzene	13.069	119	95047	19.869	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	105352	19.316	ug/l	98
85) sec-Butylbenzene	13.251	105	136604	18.912	ug/l	98
86) p-Isopropyltoluene	13.367	119	118293	19.894	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	64048	19.508	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	64777	19.690	ug/l	98
89) n-Butylbenzene	13.690	91	103435	18.607	ug/l	98
90) Hexachloroethane	13.959	117	22906	18.492	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	58782	20.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5335	22.976	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	36095	21.110	ug/l	98
94) Hexachlorobutadiene	15.105	225	22870	21.748	ug/l	98
95) Naphthalene	15.233	128	65276	20.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	28267	18.764	ug/l	99

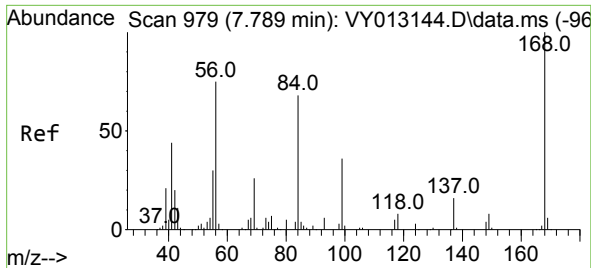
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
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Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

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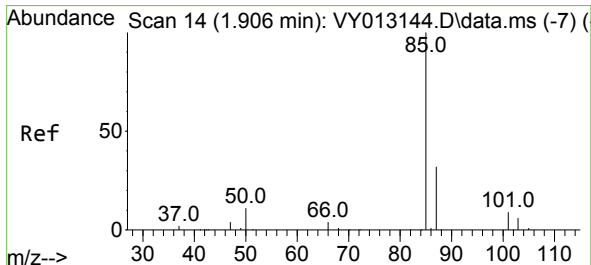
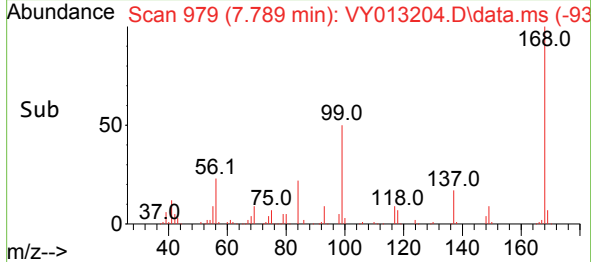
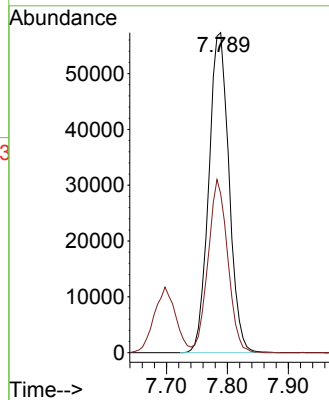
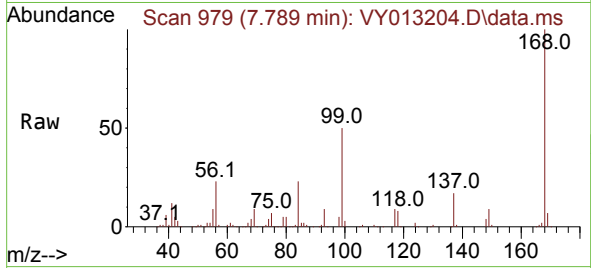
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

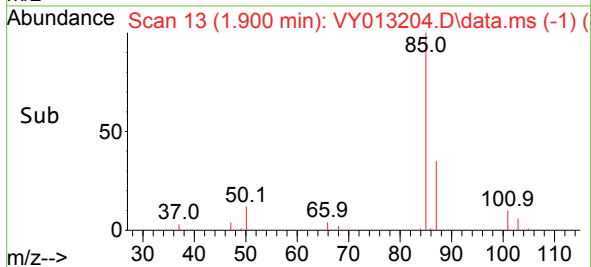
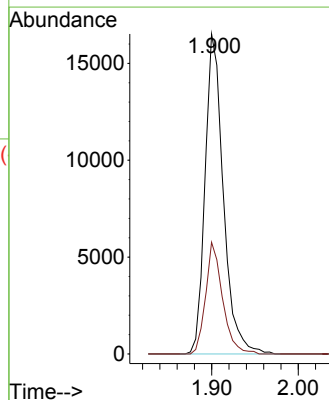
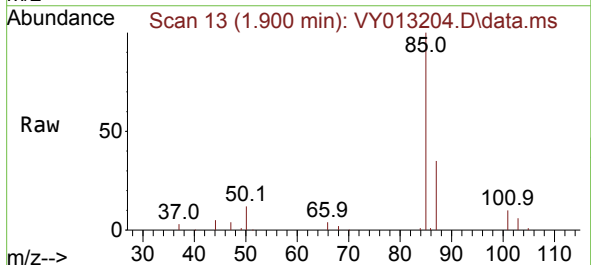
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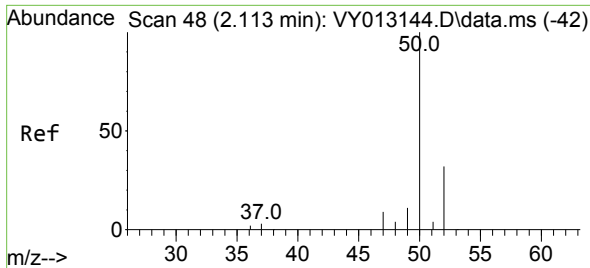
Tgt Ion:168 Resp: 132057
Ion Ratio Lower Upper
168 100
99 49.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 18.709 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 85 Resp: 24220
Ion Ratio Lower Upper
85 100
87 34.9 16.7 50.0

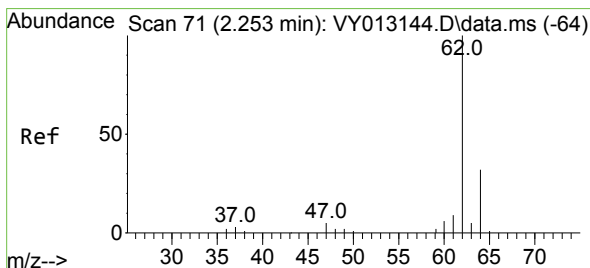
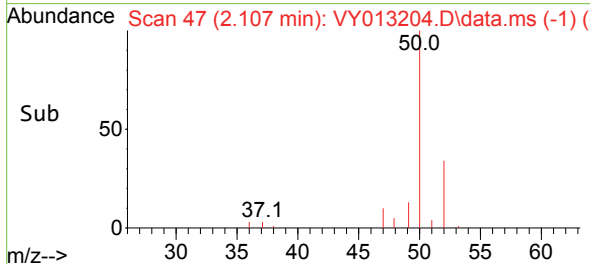
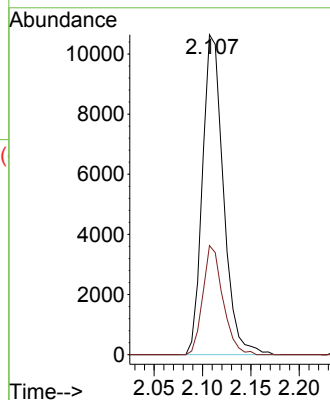
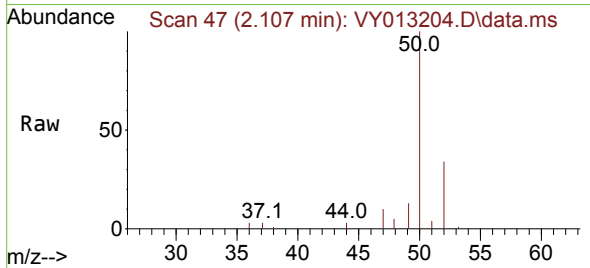




#3
Chloromethane
Concen: 11.930 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

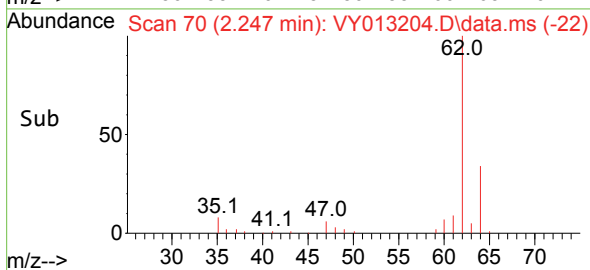
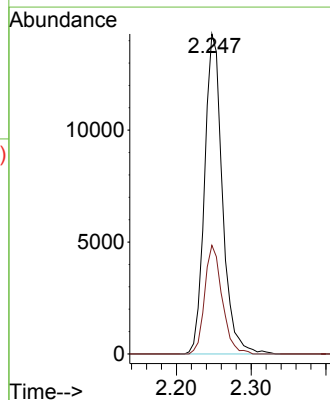
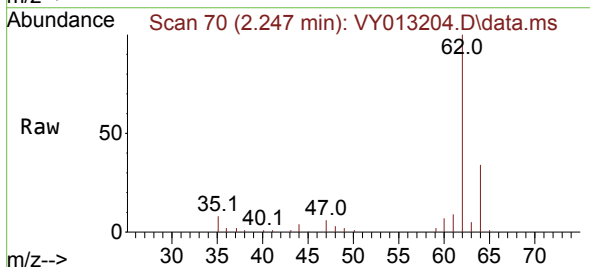
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

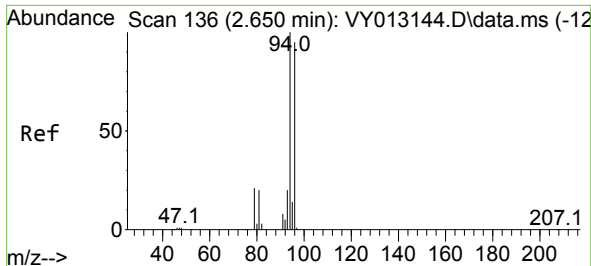
Tgt Ion: 50 Resp: 16105
Ion Ratio Lower Upper
50 100
52 34.1 26.0 39.0



#4
Vinyl Chloride
Concen: 17.505 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 62 Resp: 23693
Ion Ratio Lower Upper
62 100
64 34.0 25.6 38.4

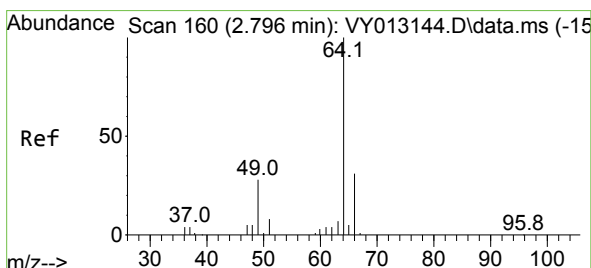
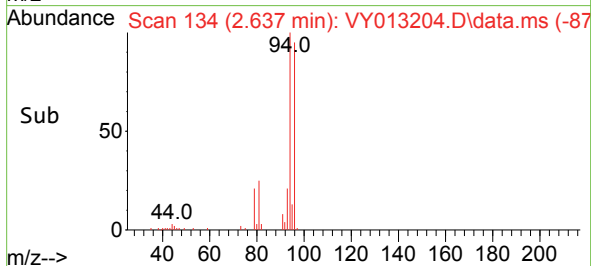
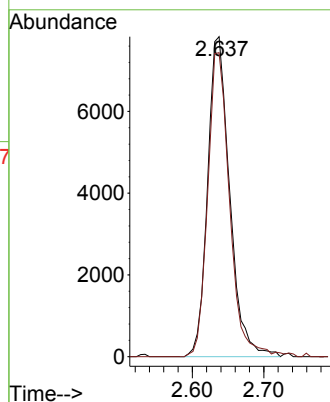
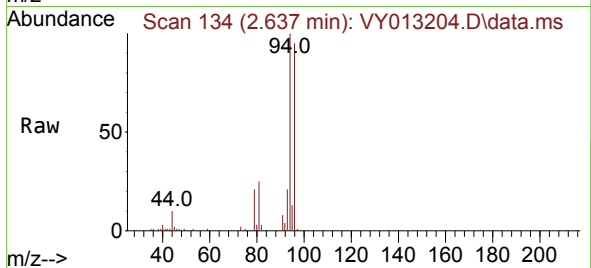




#5
Bromomethane
Concen: 17.624 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

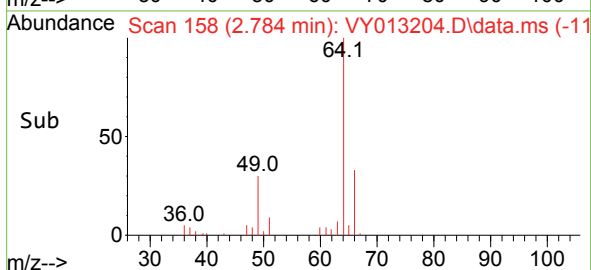
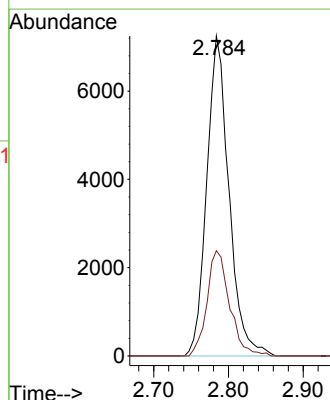
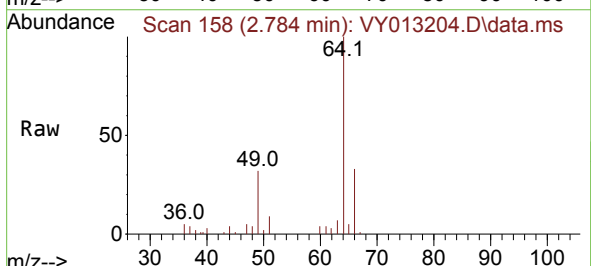
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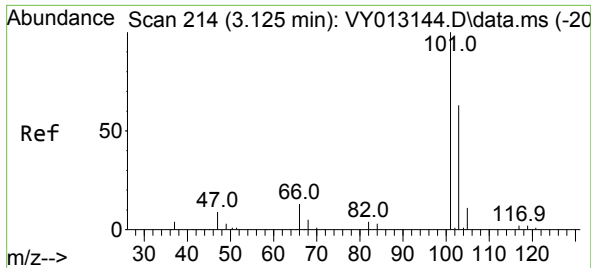
Tgt Ion: 94 Resp: 16835
Ion Ratio Lower Upper
94 100
96 95.0 80.3 120.5



#6
Chloroethane
Concen: 17.639 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 64 Resp: 14955
Ion Ratio Lower Upper
64 100
66 32.9 25.7 38.5

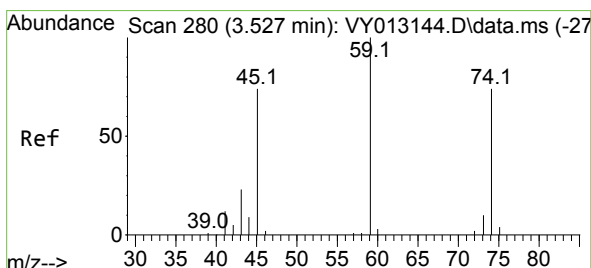
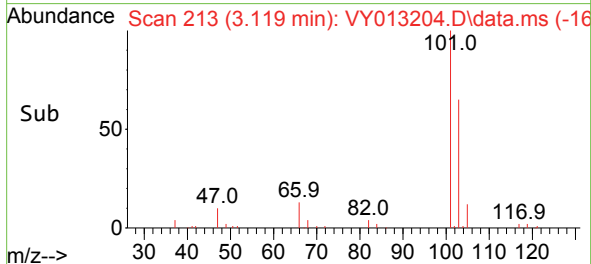
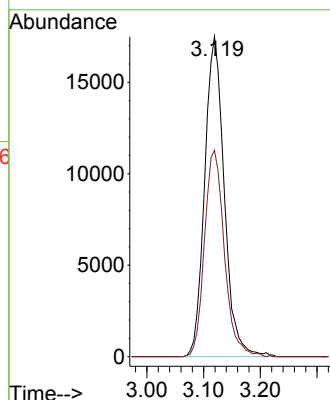
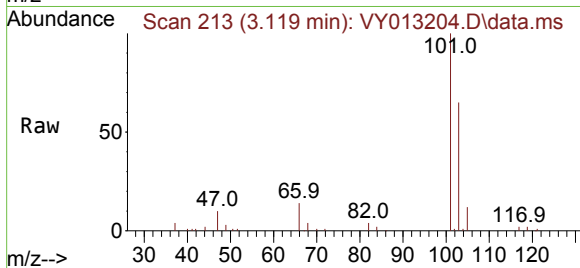




#7
Trichlorofluoromethane
Concen: 17.415 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

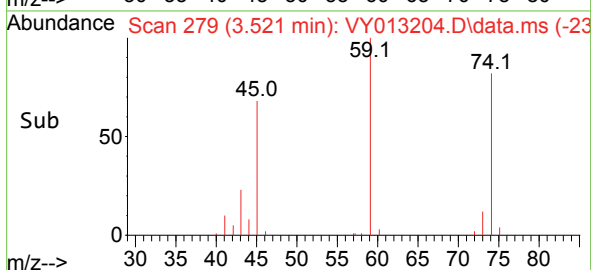
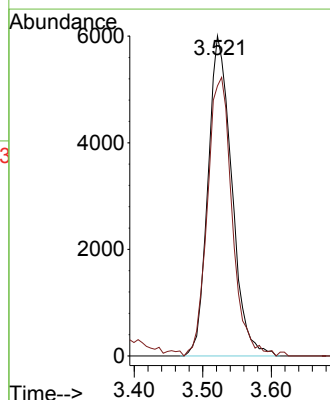
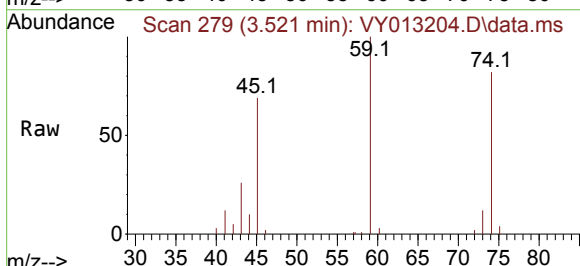
Instrument :
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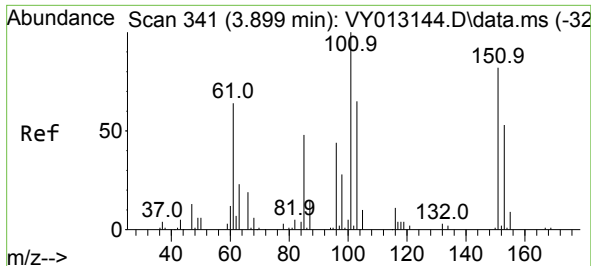
Tgt Ion:101 Resp: 41951
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3



#8
Diethyl Ether
Concen: 19.149 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 74 Resp: 14485
Ion Ratio Lower Upper
74 100
45 90.1 52.1 156.4

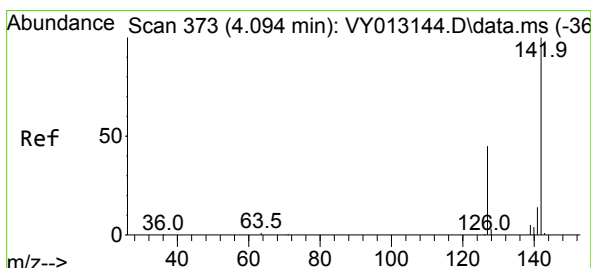
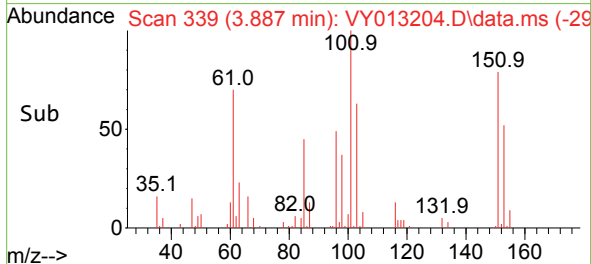
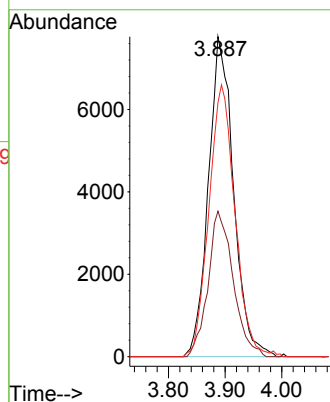
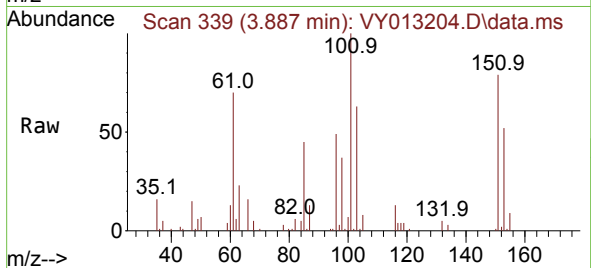




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.971 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY013204.D
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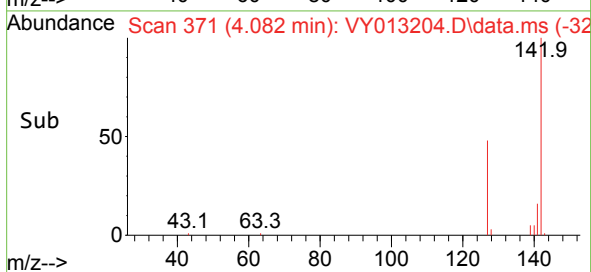
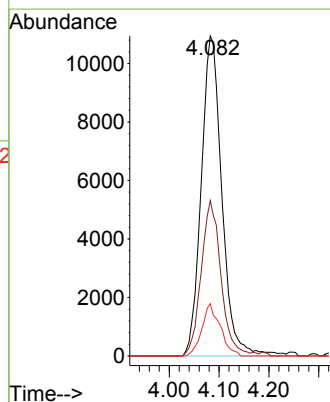
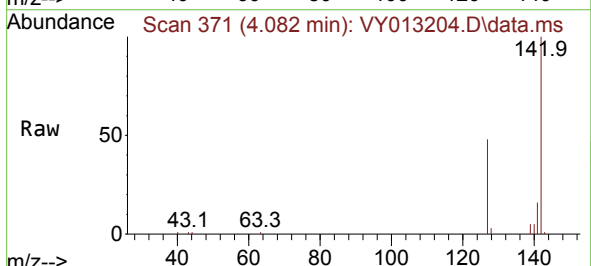
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

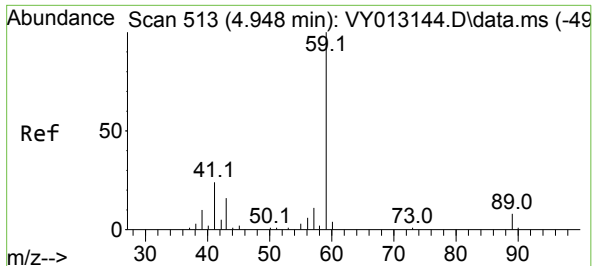
Tgt Ion:101 Resp: 23868
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 88.3 63.1 94.7



#10
Methyl Iodide
Concen: 18.175 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion:142 Resp: 31433
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.2
141 14.5 11.3 16.9

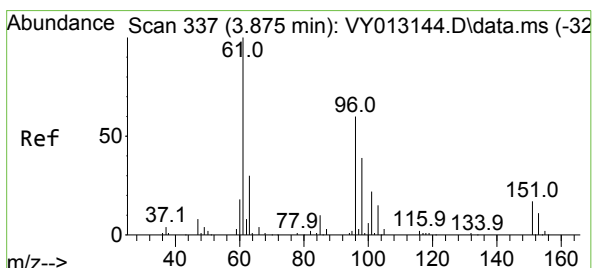
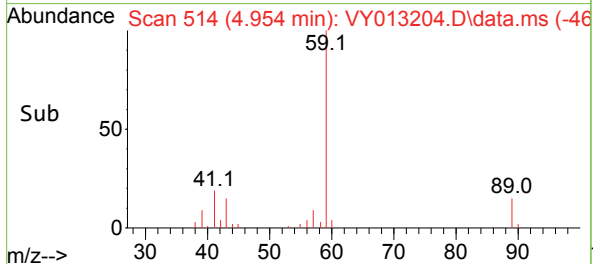
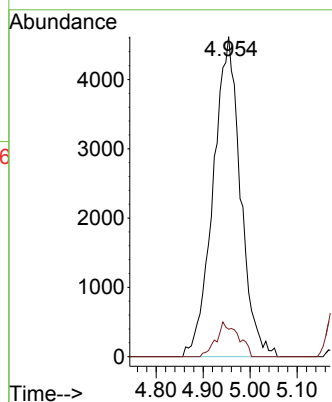
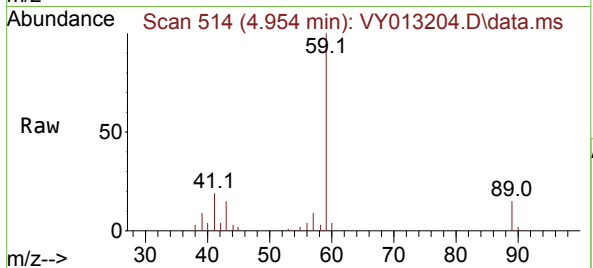




#11
Tert butyl alcohol
Concen: 146.289 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

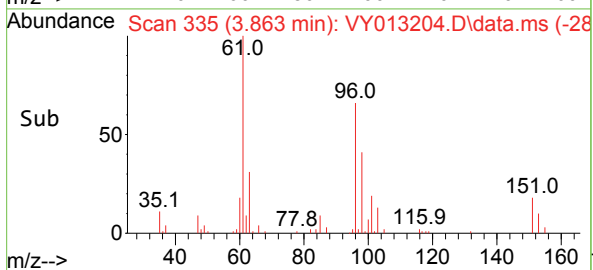
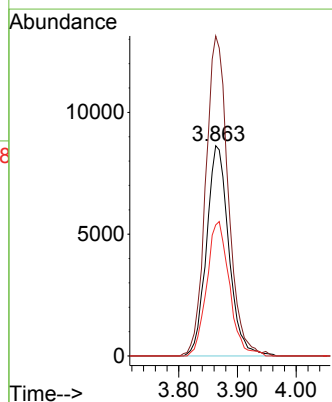
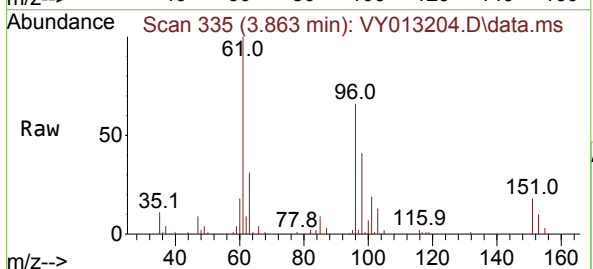
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

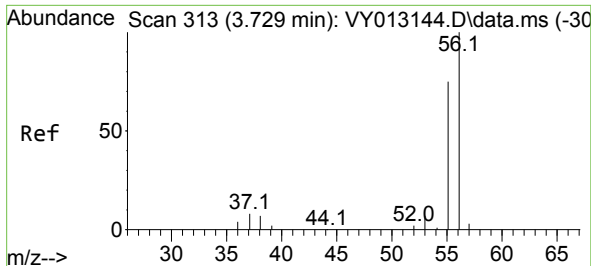
Tgt Ion: 59 Resp: 18712
Ion Ratio Lower Upper
59 100
57 8.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 17.761 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 96 Resp: 22803
Ion Ratio Lower Upper
96 100
61 152.2 131.7 197.5
98 62.4 52.0 78.0





#13

Acrolein

Concen: 89.420 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

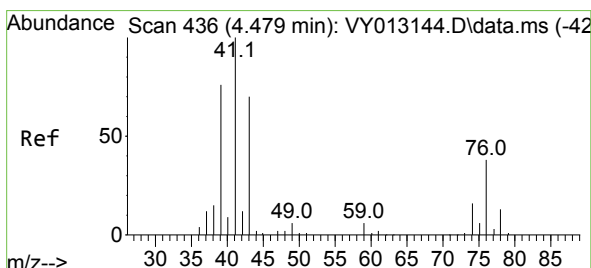
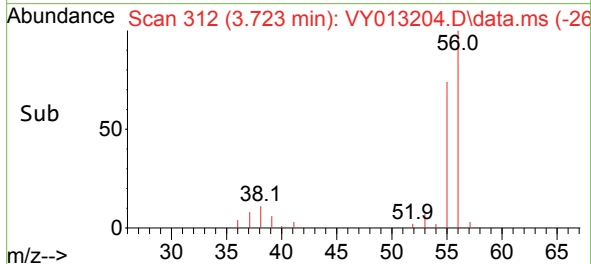
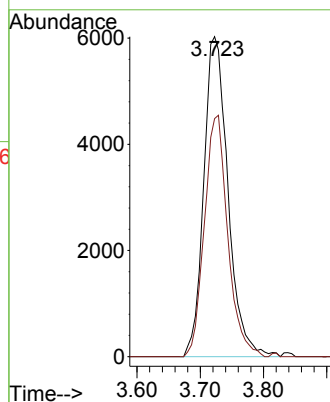
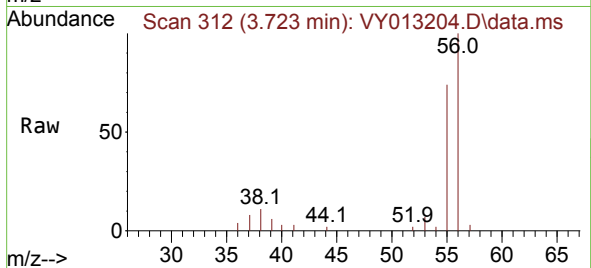
VY0405SBSD01

Tgt Ion: 56 Resp: 16051

Ion Ratio Lower Upper

56 100

55 72.7 56.8 85.2



#14

Allyl chloride

Concen: 15.713 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

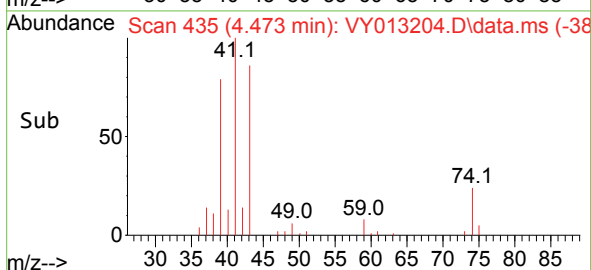
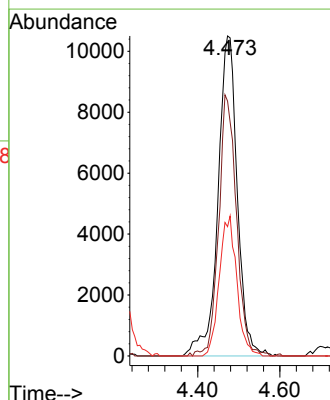
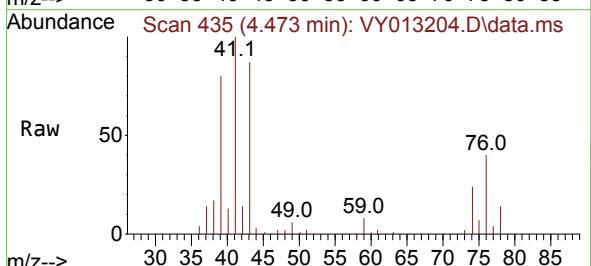
Tgt Ion: 41 Resp: 34372

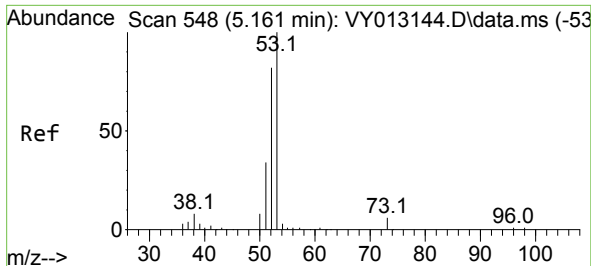
Ion Ratio Lower Upper

41 100

39 74.8 53.6 80.4

76 39.5 27.2 40.8





#15

Acrylonitrile

Concen: 101.463 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBSD01

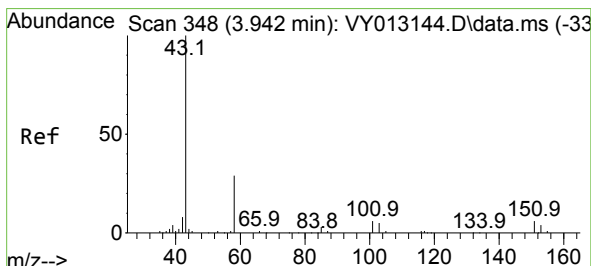
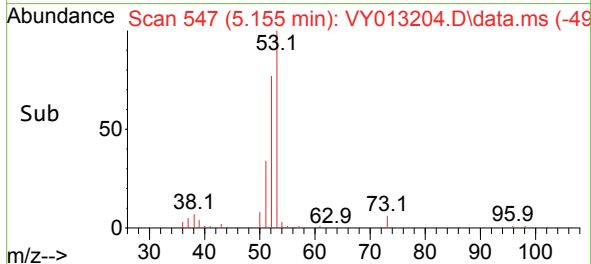
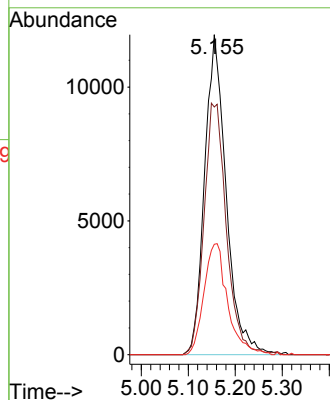
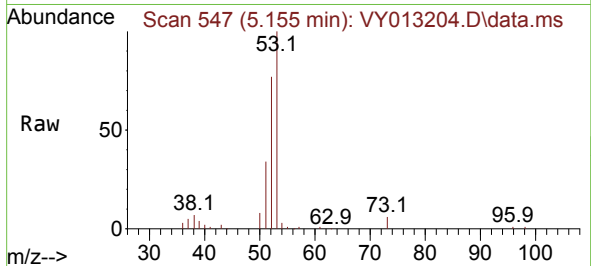
Tgt Ion: 53 Resp: 38139

Ion Ratio Lower Upper

53 100

52 81.5 66.3 99.5

51 38.1 28.8 43.2



#16

Acetone

Concen: 96.866 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY013204.D

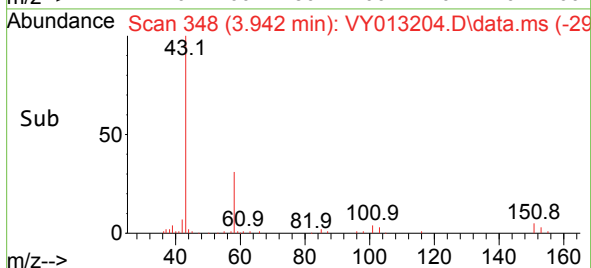
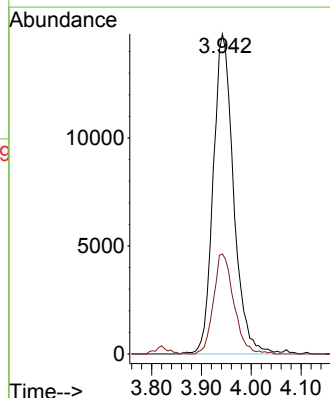
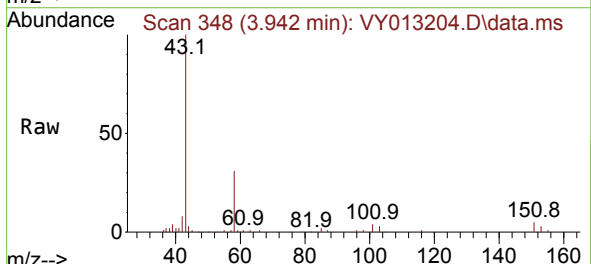
Acq: 05 Apr 2023 12:09

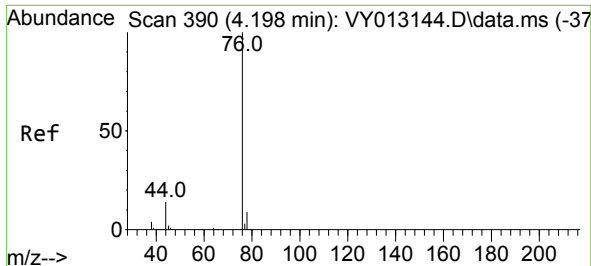
Tgt Ion: 43 Resp: 42037

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.2

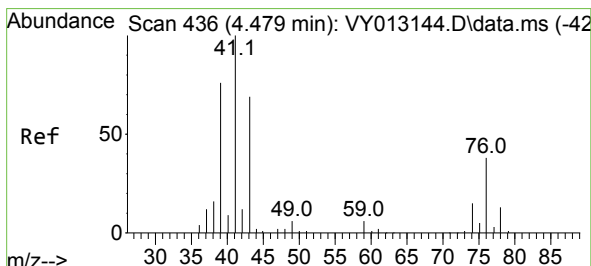
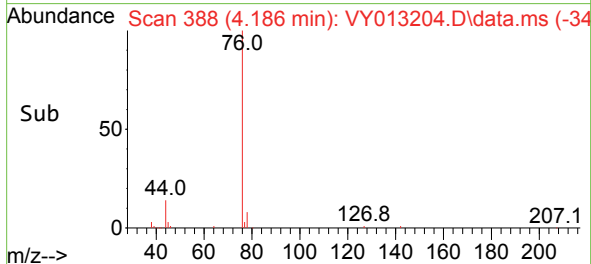
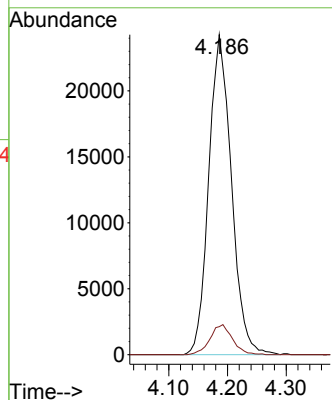
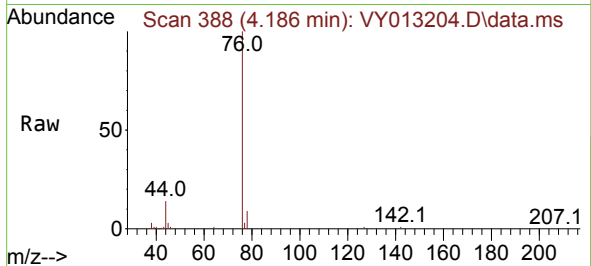




#17
Carbon Disulfide
Concen: 15.208 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

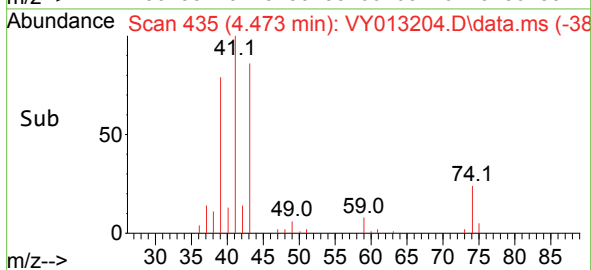
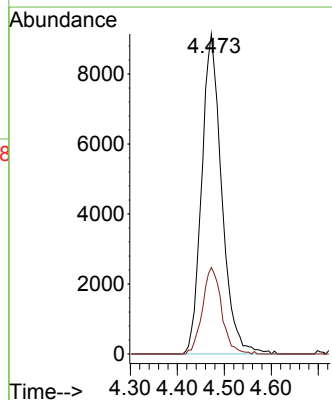
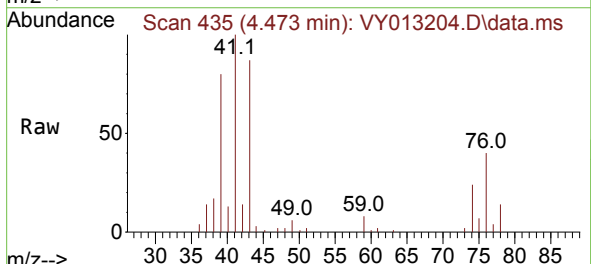
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

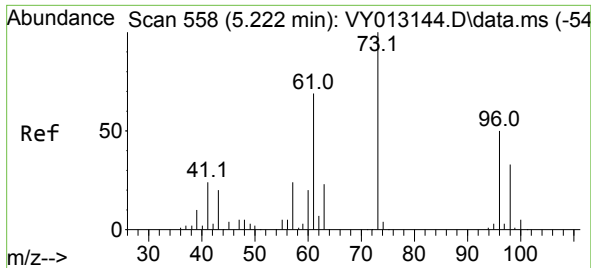
Tgt Ion: 76 Resp: 65025
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 19.816 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 43 Resp: 27097
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

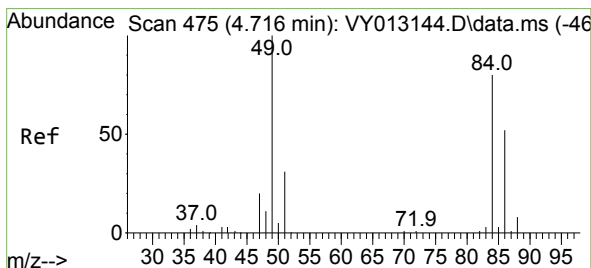
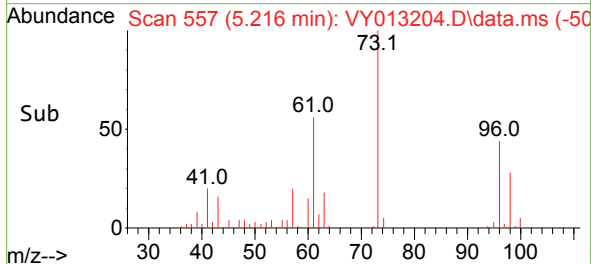
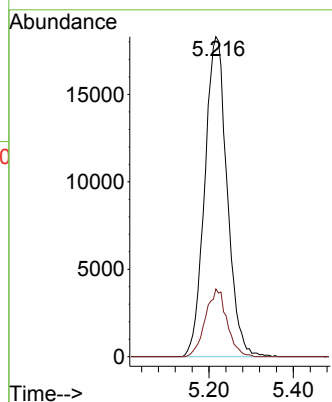
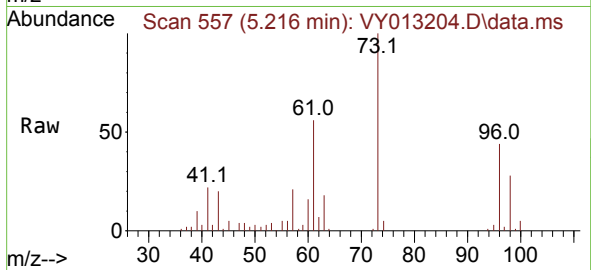




#19
Methyl tert-butyl Ether
Concen: 20.711 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

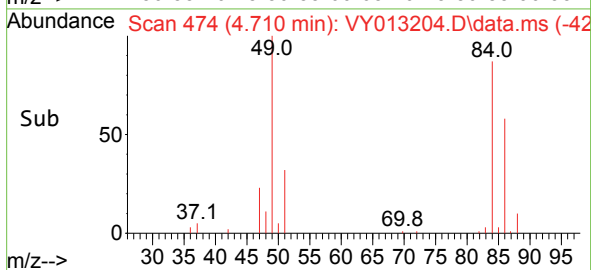
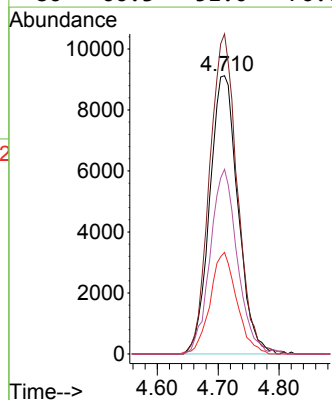
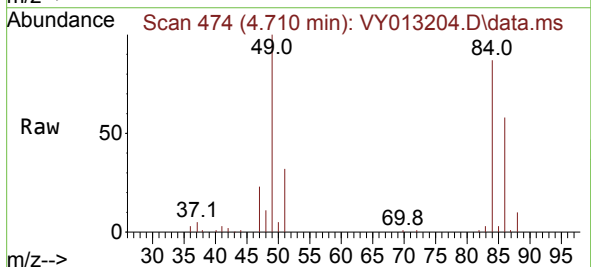
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

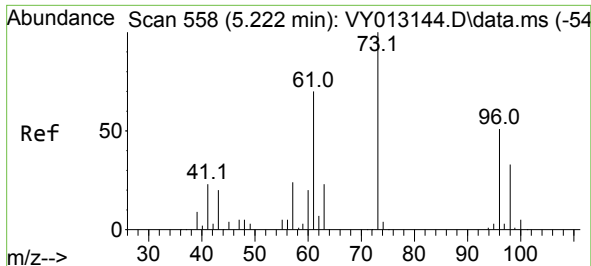
Tgt Ion: 73 Resp: 67378
Ion Ratio Lower Upper
73 100
57 21.2 18.3 27.5



#20
Methylene Chloride
Concen: 15.922 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 84 Resp: 29337
Ion Ratio Lower Upper
84 100
49 115.0 102.6 154.0
51 36.5 31.9 47.9
86 66.3 51.0 76.6

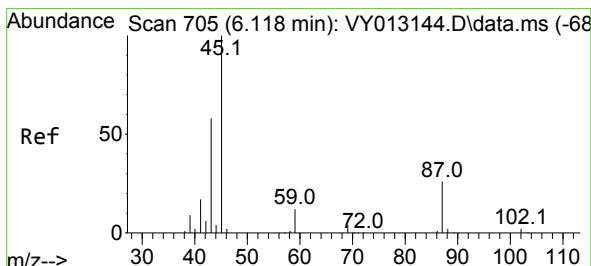
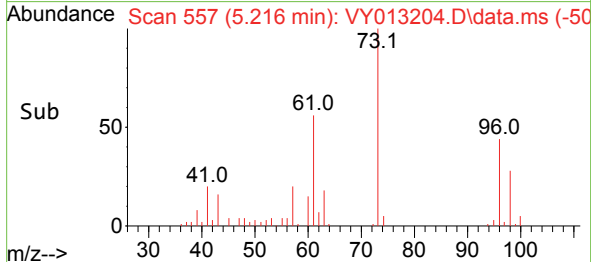
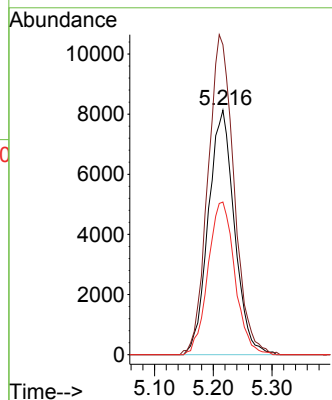
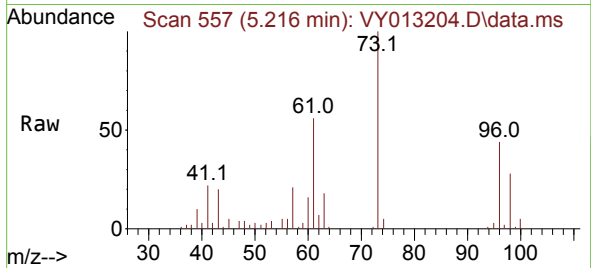




#21
trans-1,2-Dichloroethene
Concen: 17.350 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

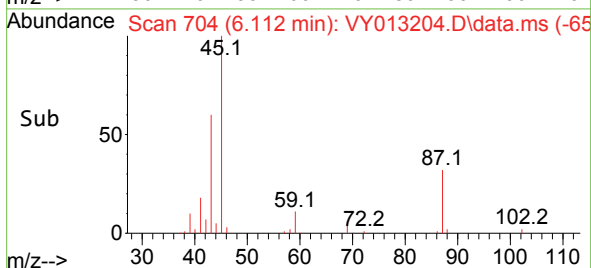
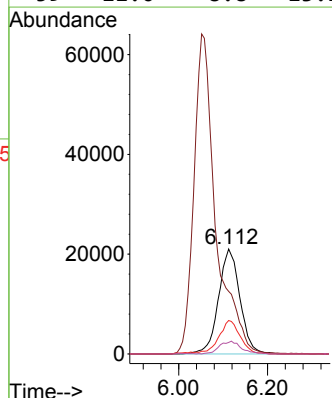
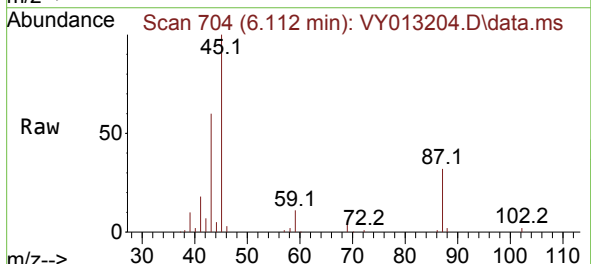
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

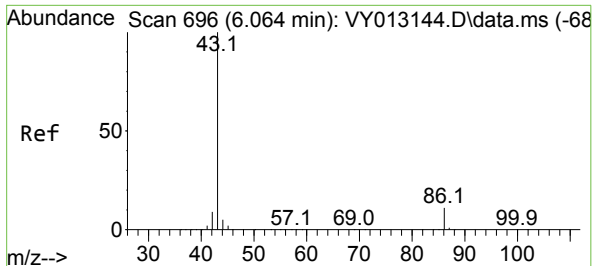
Tgt Ion: 96 Resp: 25097
Ion Ratio Lower Upper
96 100
61 126.8 111.4 167.0
98 62.4 50.8 76.2



#22
Diisopropyl ether
Concen: 16.425 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 45 Resp: 70200
Ion Ratio Lower Upper
45 100
43 59.0 45.0 67.6
87 31.8 20.3 30.5#
59 11.0 8.8 13.2

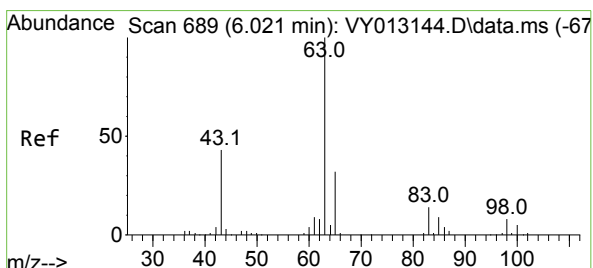
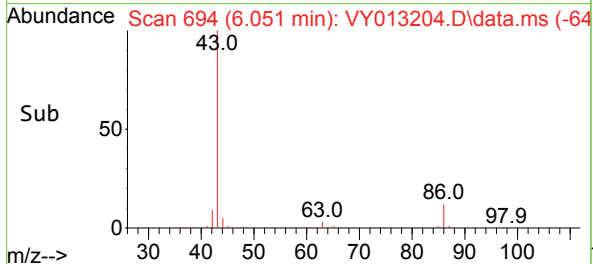
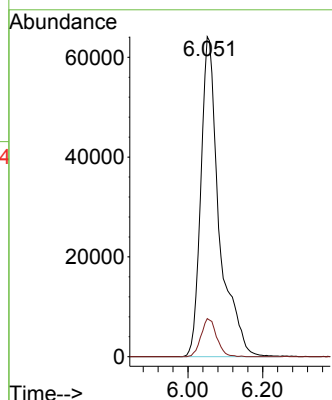
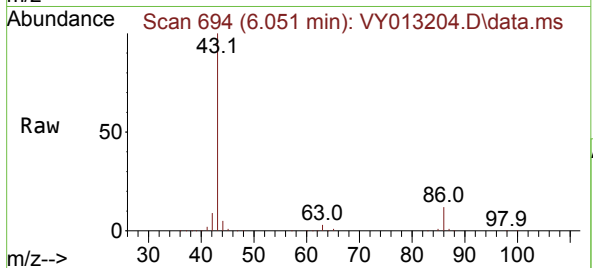




#23
 Vinyl Acetate
 Concen: 90.139 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VY013204.D
 Acq: 05 Apr 2023 12:09

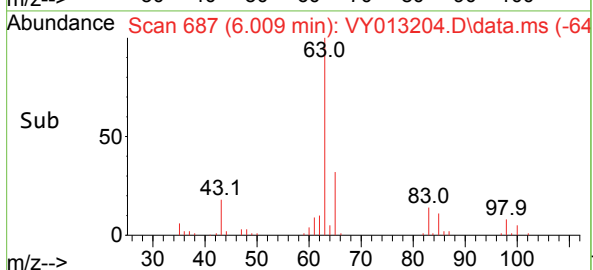
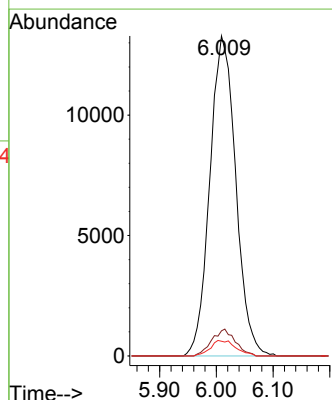
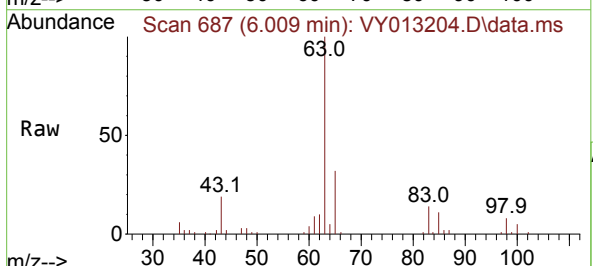
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBSD01

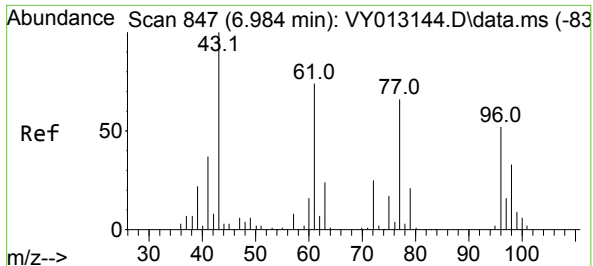
Tgt Ion: 43 Resp: 219074
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 16.670 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY013204.D
 Acq: 05 Apr 2023 12:09

Tgt Ion: 63 Resp: 42195
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.6 2.3 6.8

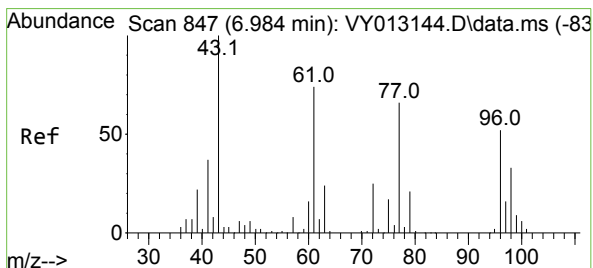
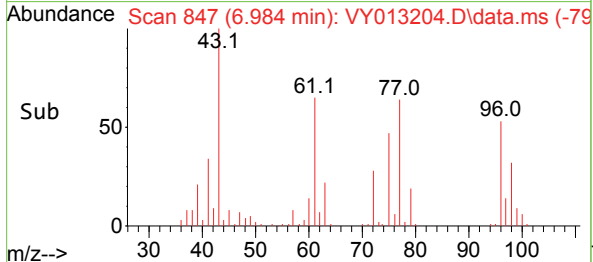
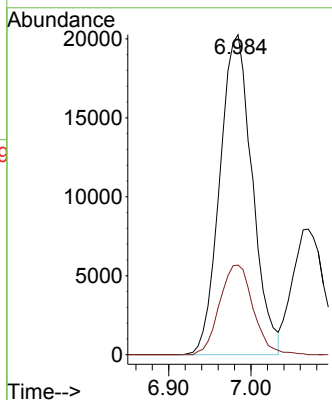
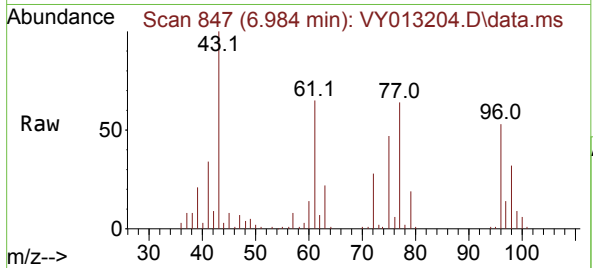




#25
2-Butanone
Concen: 102.419 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

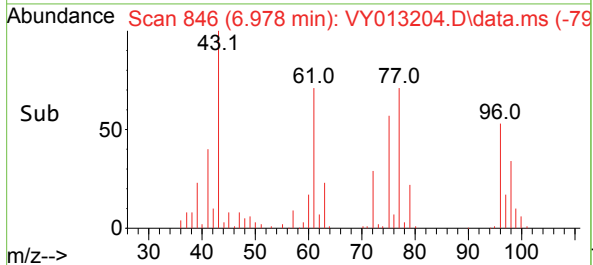
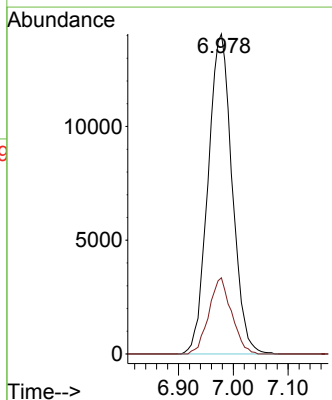
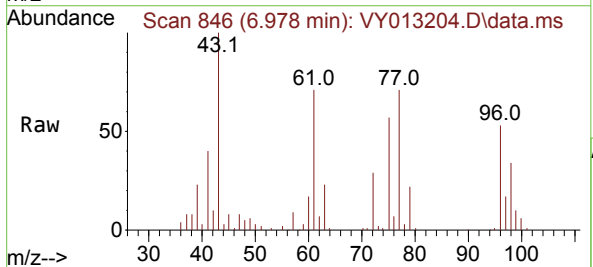
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

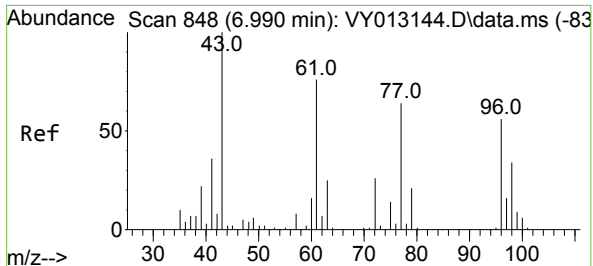
Tgt Ion: 43 Resp: 55576
Ion Ratio Lower Upper
43 100
72 28.0 21.0 31.4



#26
2,2-Dichloropropane
Concen: 18.842 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 77 Resp: 42897
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.098 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

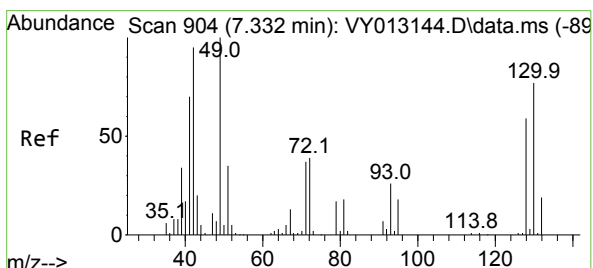
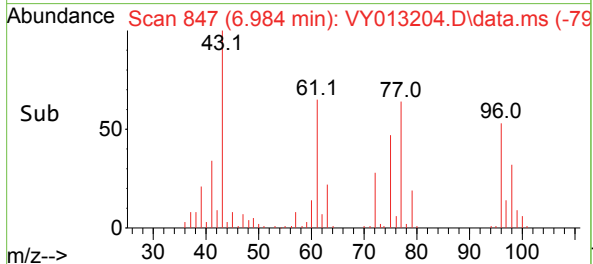
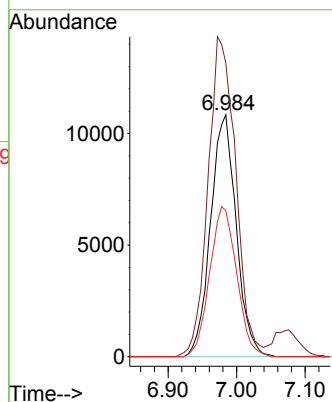
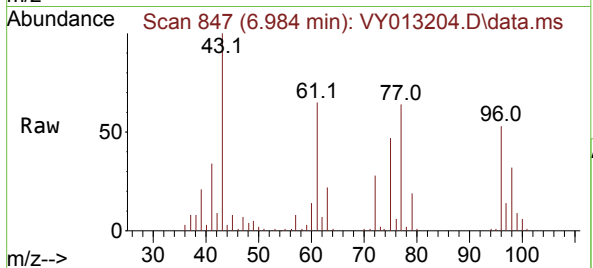
Tgt Ion: 96 Resp: 28204

Ion Ratio Lower Upper

96 100

61 141.9 0.0 295.8

98 65.2 0.0 130.2



#28

Bromochloromethane

Concen: 15.369 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

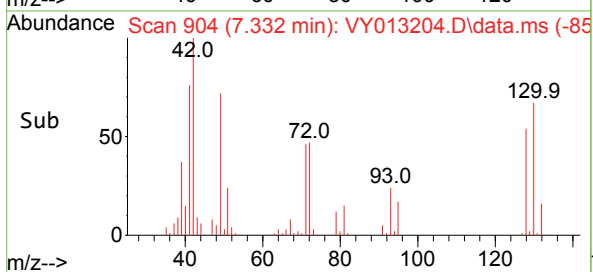
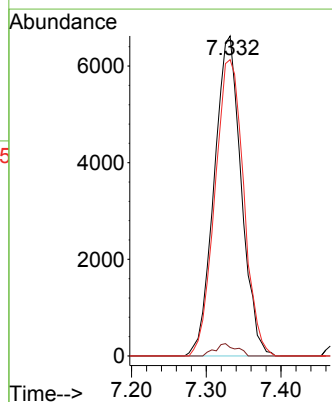
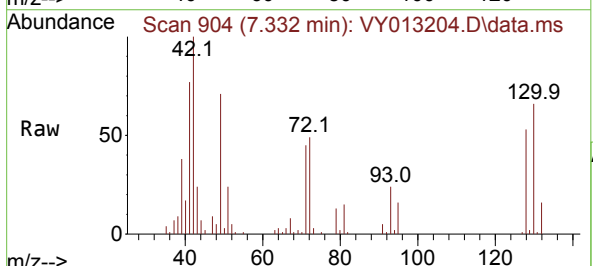
Tgt Ion: 49 Resp: 16693

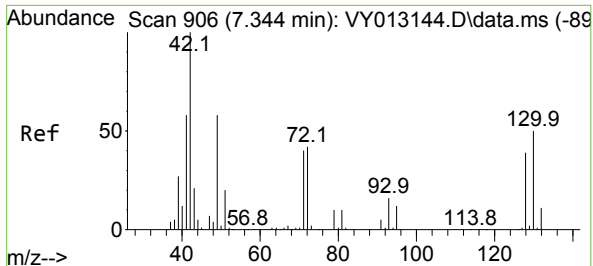
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.2

130 98.0 60.5 90.7#





#29

Tetrahydrofuran

Concen: 102.278 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

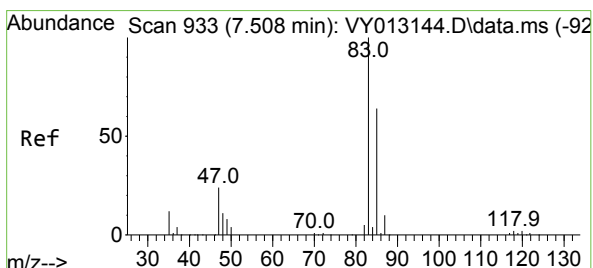
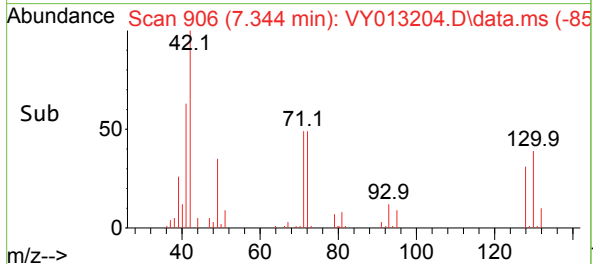
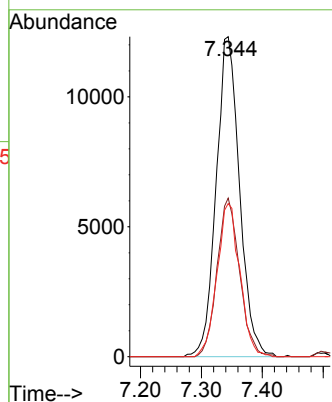
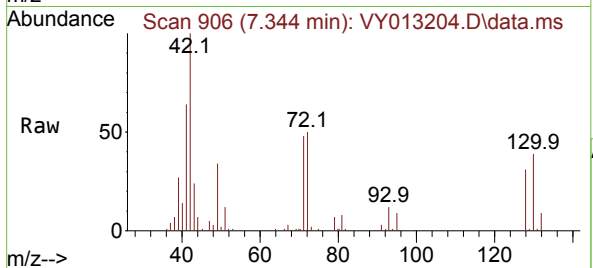
Tgt Ion: 42 Resp: 32854

Ion Ratio Lower Upper

42 100

72 47.7 32.3 48.5

71 46.6 30.3 45.5#



#30

Chloroform

Concen: 18.052 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013204.D

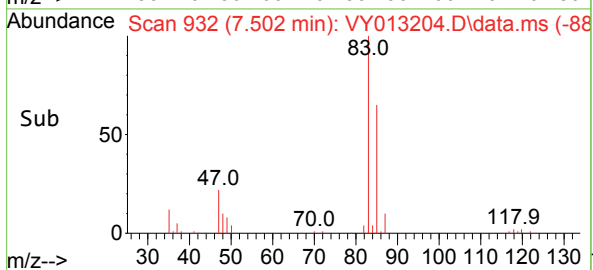
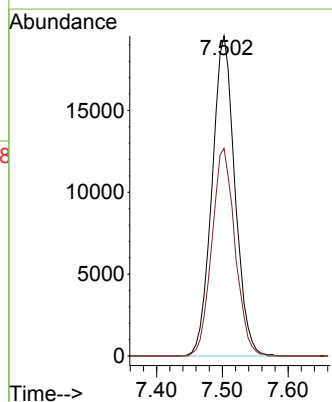
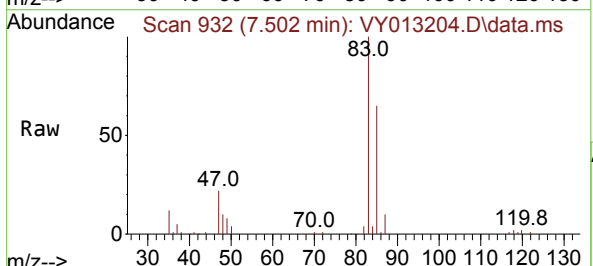
Acq: 05 Apr 2023 12:09

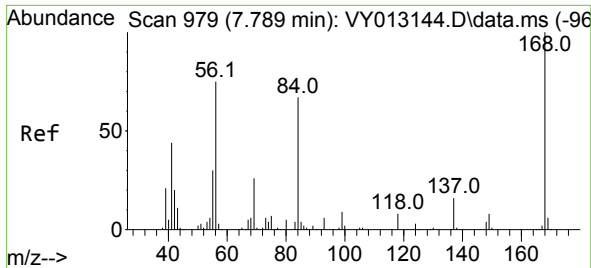
Tgt Ion: 83 Resp: 47318

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

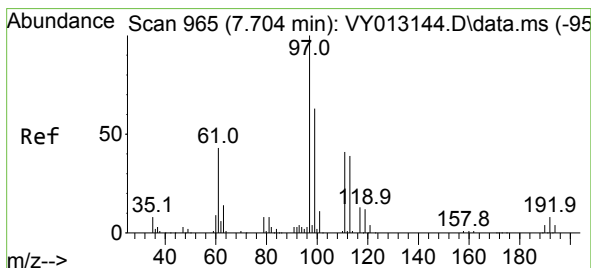
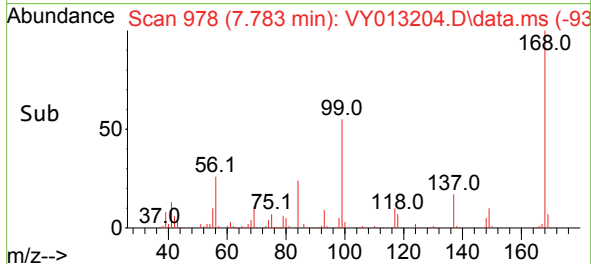
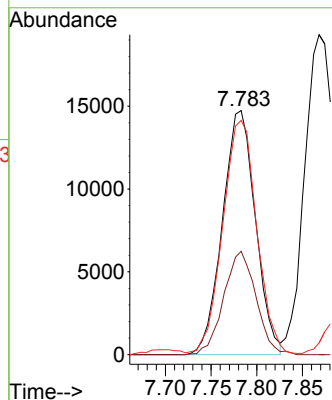
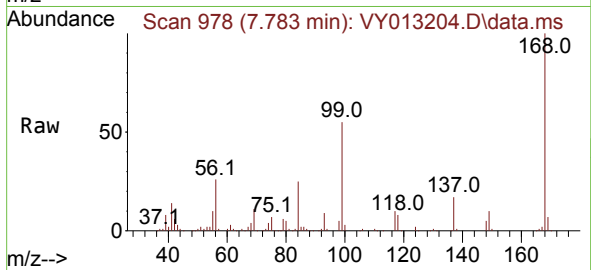




#31
Cyclohexane
Concen: 15.980 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

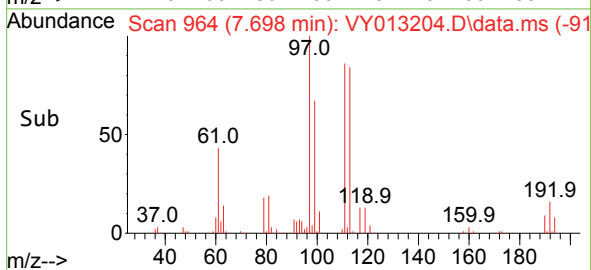
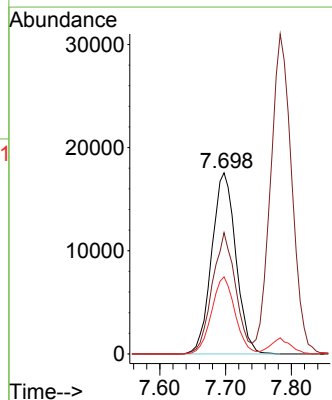
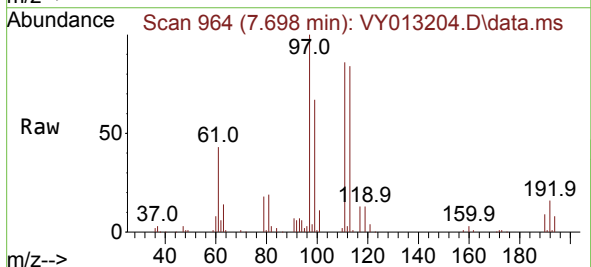
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

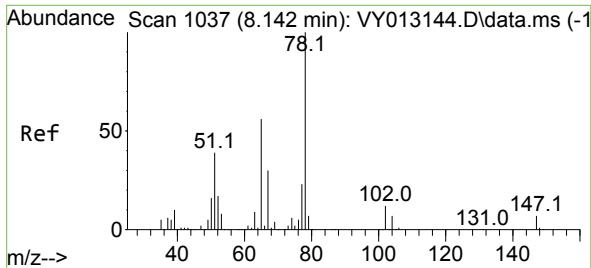
Tgt Ion: 56 Resp: 37024
Ion Ratio Lower Upper
56 100
69 42.3 25.7 38.5#
84 94.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.358 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 97 Resp: 44863
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 41.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.279 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

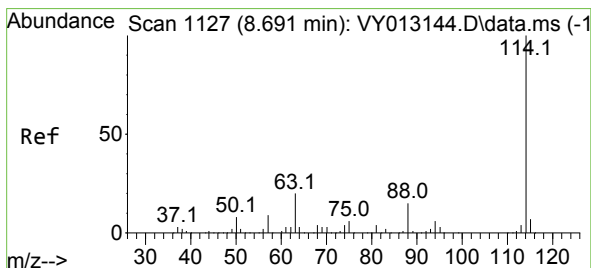
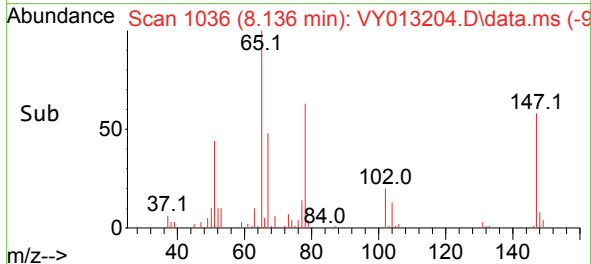
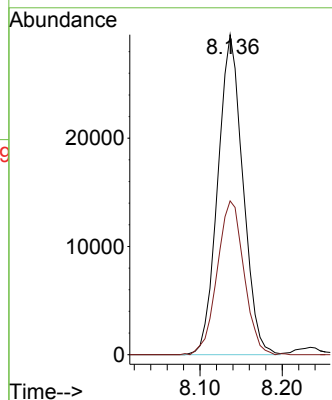
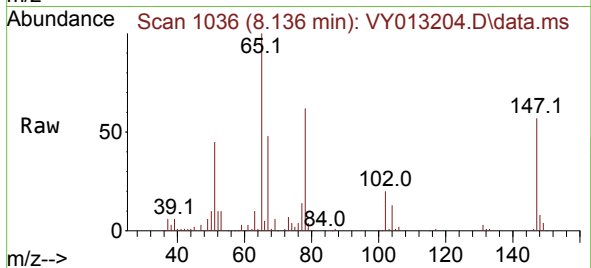
VY0405SBS01

Tgt Ion: 65 Resp: 62840

Ion Ratio Lower Upper

65 100

67 51.2 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: VY013204.D

Acq: 05 Apr 2023 12:09

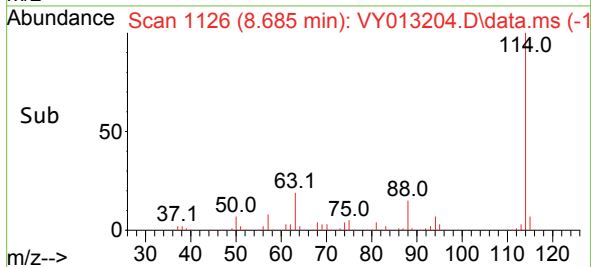
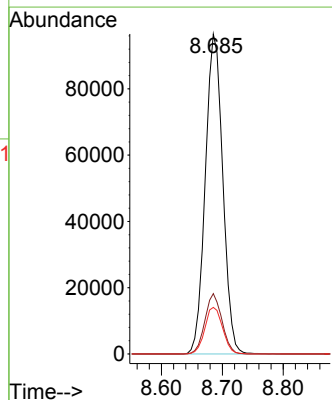
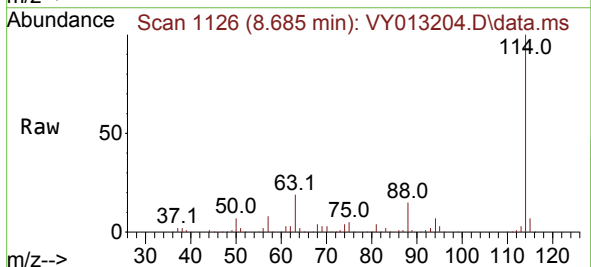
Tgt Ion: 114 Resp: 192816

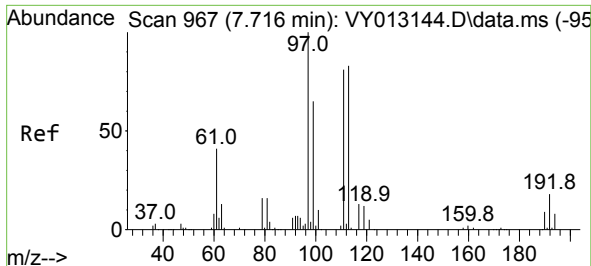
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.6 0.0 28.6

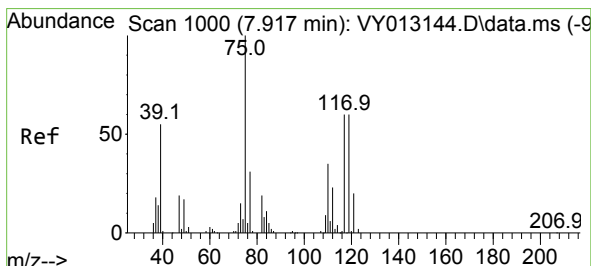
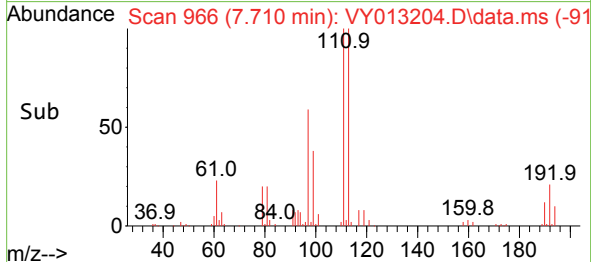
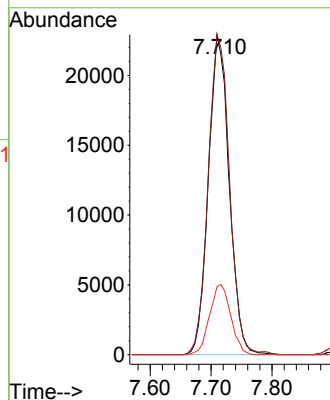
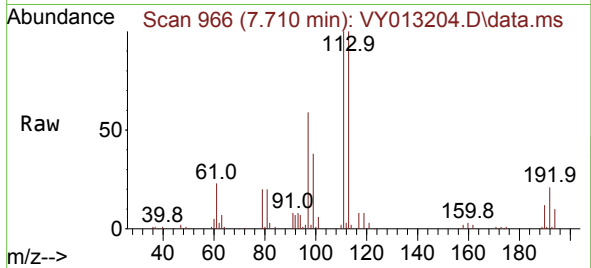




#35
Dibromofluoromethane
Concen: 43.159 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

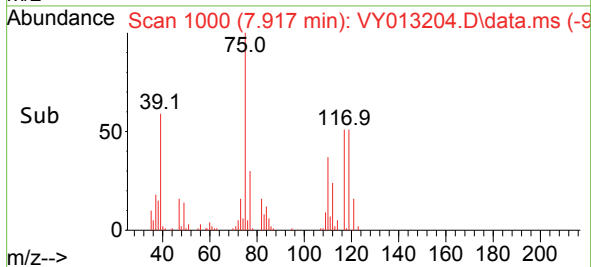
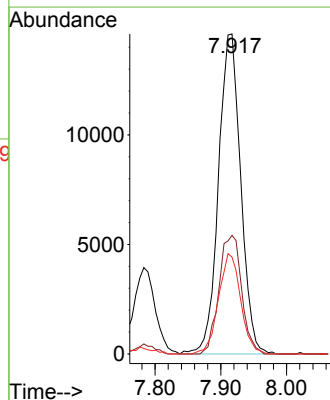
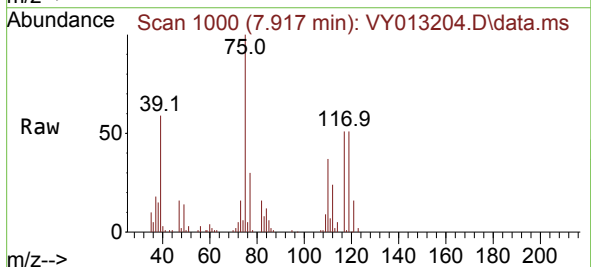
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

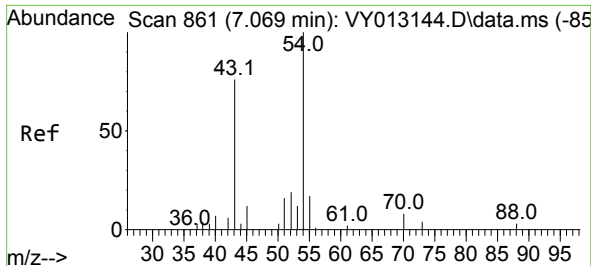
Tgt Ion:113 Resp: 54363
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.155 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 75 Resp: 34427
Ion Ratio Lower Upper
75 100
110 37.8 17.8 53.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 20.394 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

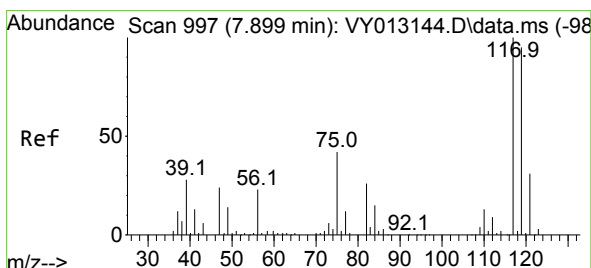
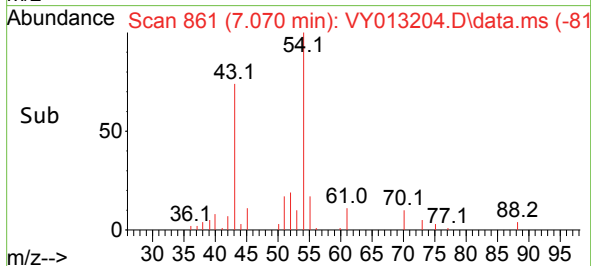
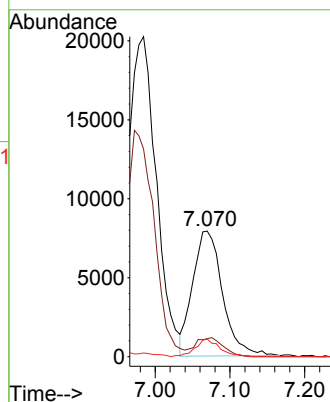
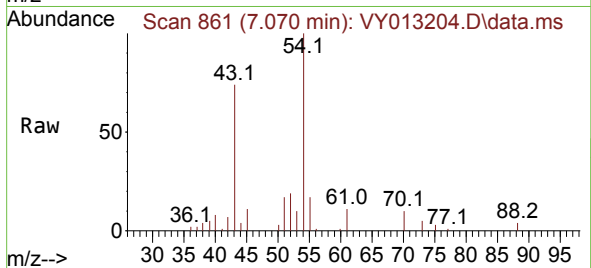
Tgt Ion: 43 Resp: 21968

Ion Ratio Lower Upper

43 100

61 14.4 10.7 16.1

70 11.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.656 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

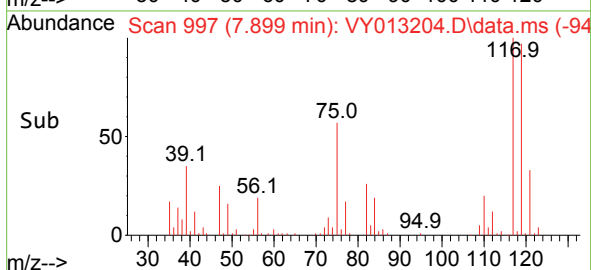
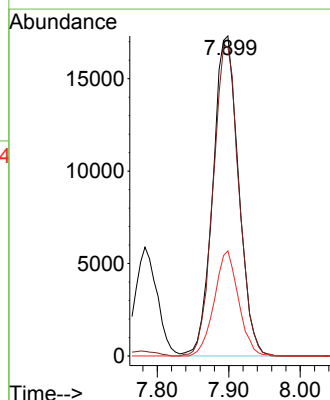
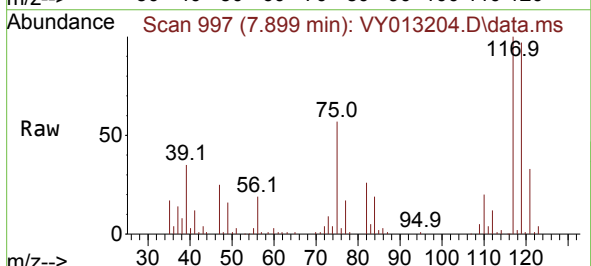
Tgt Ion: 117 Resp: 43217

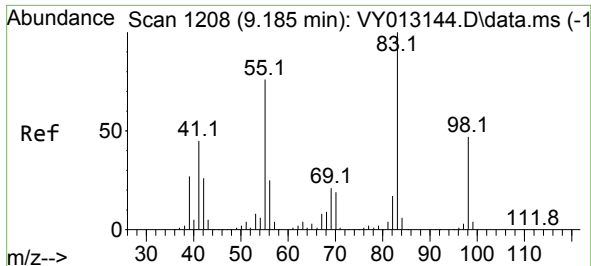
Ion Ratio Lower Upper

117 100

119 96.6 77.2 115.8

121 32.8 24.7 37.1





#39

Methylcyclohexane

Concen: 18.086 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

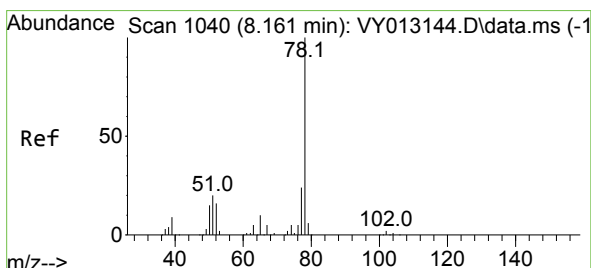
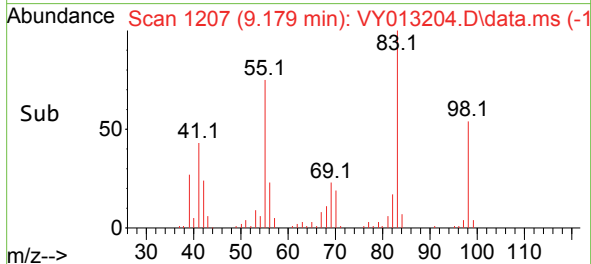
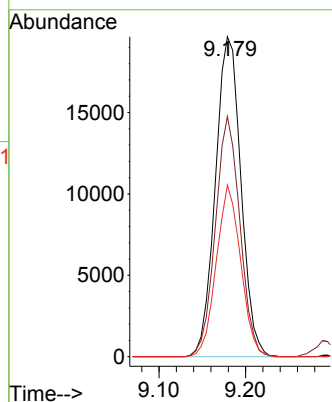
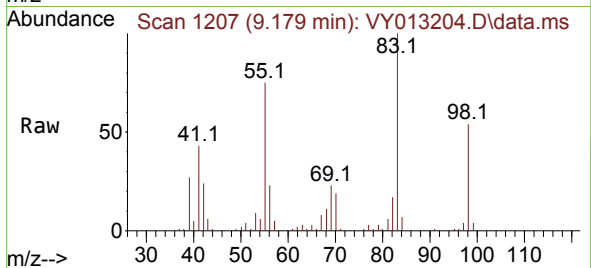
Tgt Ion: 83 Resp: 40235

Ion Ratio Lower Upper

83 100

55 75.1 60.0 90.0

98 53.6 38.3 57.5



#40

Benzene

Concen: 18.223 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013204.D

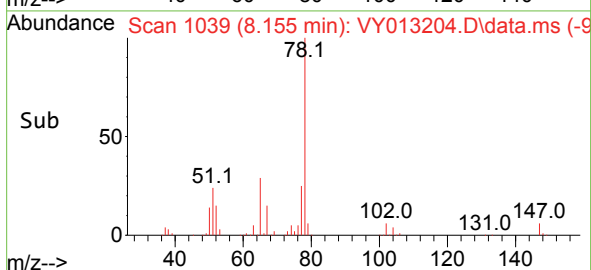
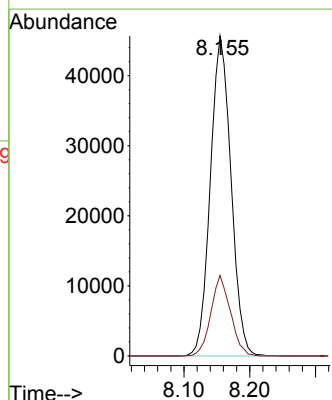
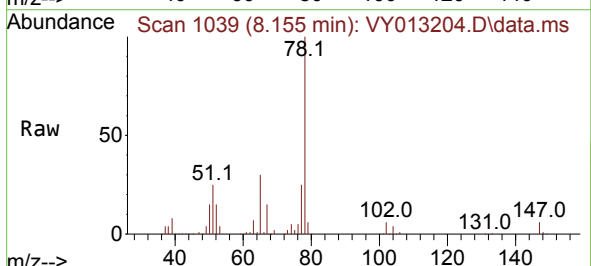
Acq: 05 Apr 2023 12:09

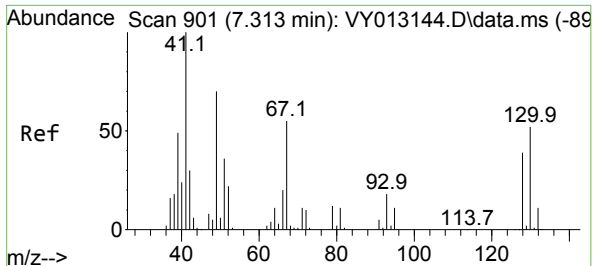
Tgt Ion: 78 Resp: 99806

Ion Ratio Lower Upper

78 100

77 25.1 19.4 29.0

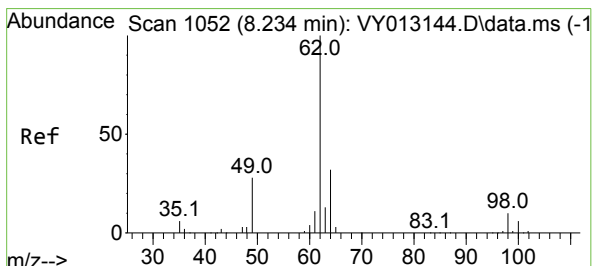
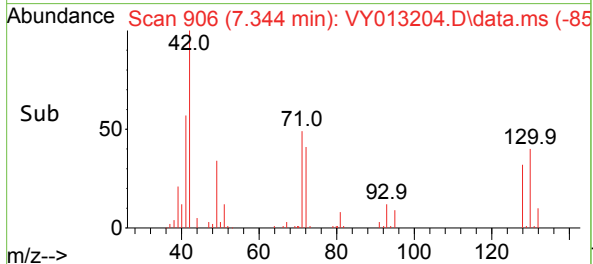
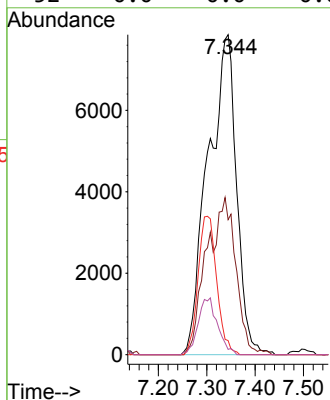
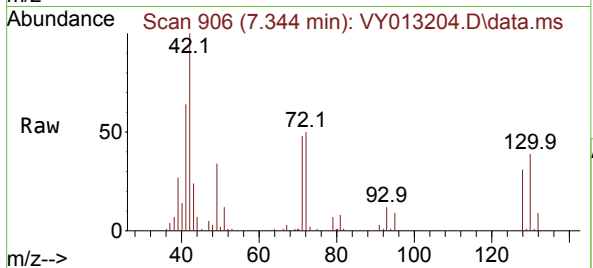




#41
Methacrylonitrile
Concen: 66.990 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

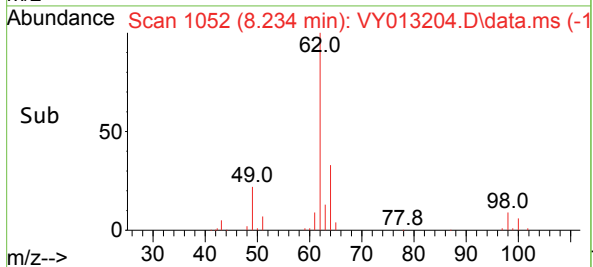
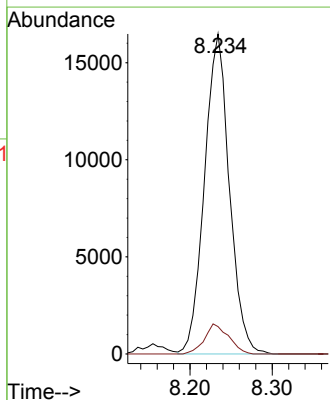
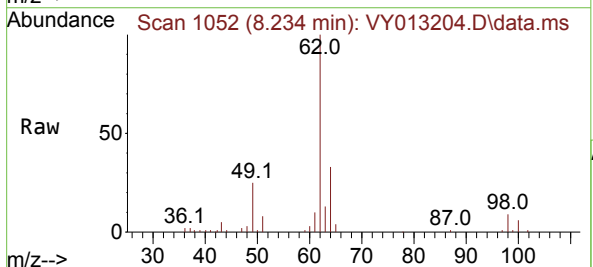
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

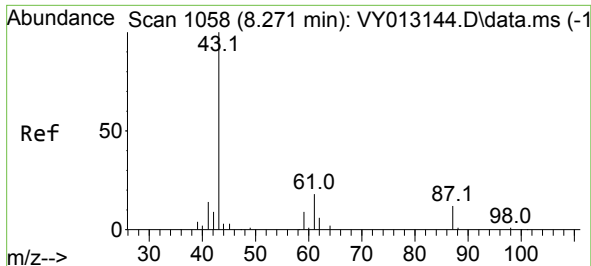
Tgt Ion:	41	Resp:	32013
Ion	Ratio	Lower	Upper
41	100		
39	32.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.660 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion:	62	Resp:	34667
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

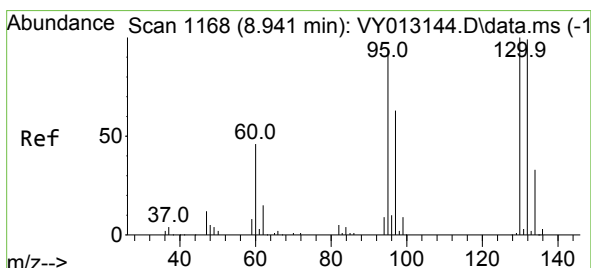
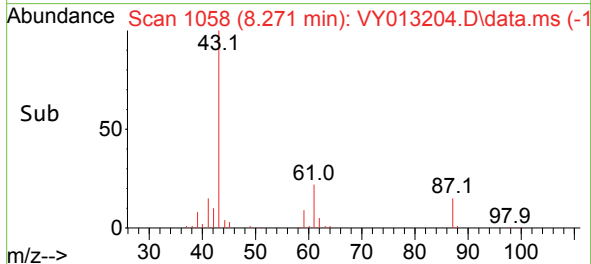
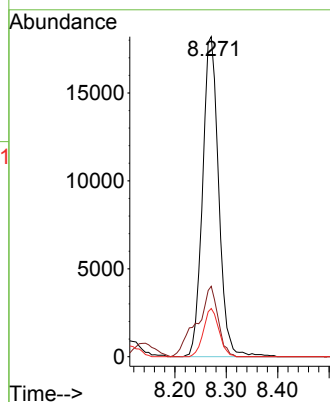
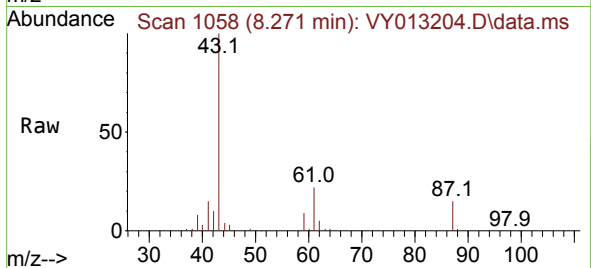




#43
Isopropyl Acetate
Concen: 20.566 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

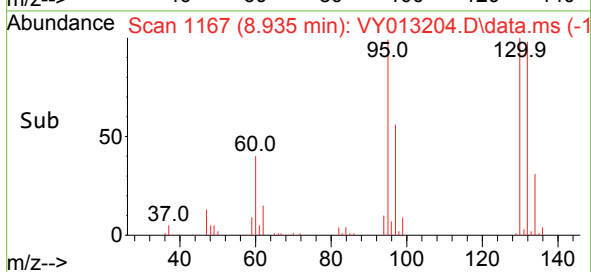
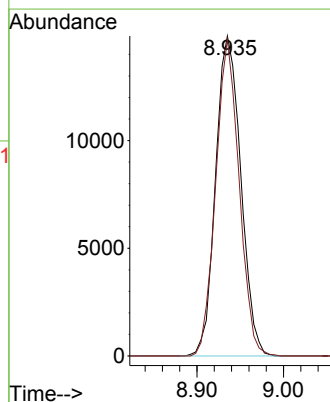
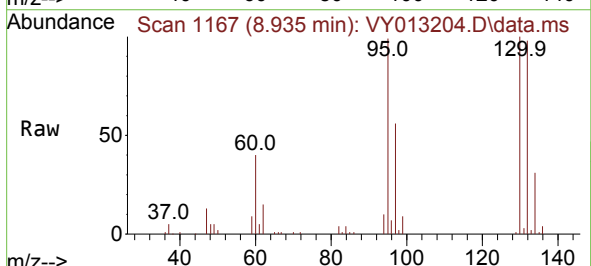
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

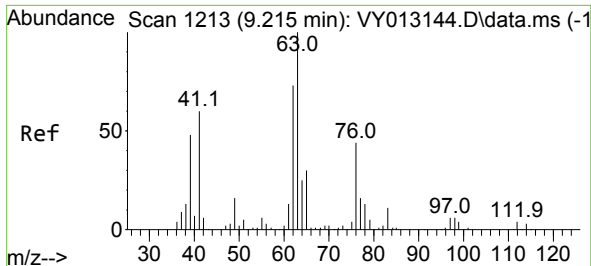
Tgt Ion: 43 Resp: 39654
Ion Ratio Lower Upper
43 100
61 28.8 21.6 32.4
87 14.5 9.9 14.9



#44
Trichloroethene
Concen: 19.915 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 130 Resp: 30026
Ion Ratio Lower Upper
130 100
95 99.0 0.0 185.0

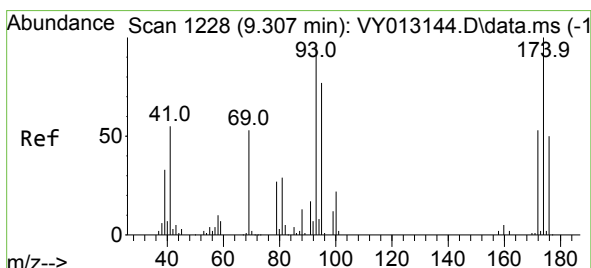
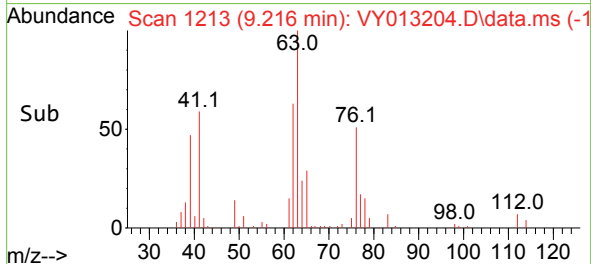
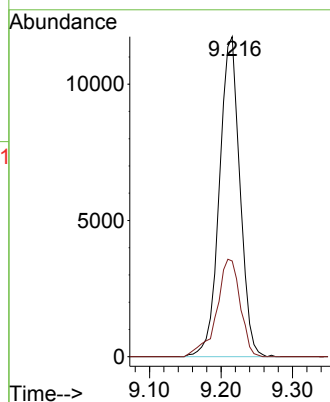
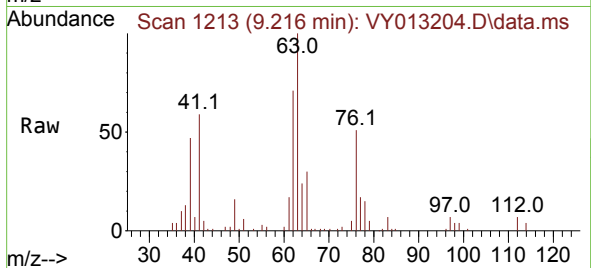




#45
1,2-Dichloropropane
Concen: 17.015 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

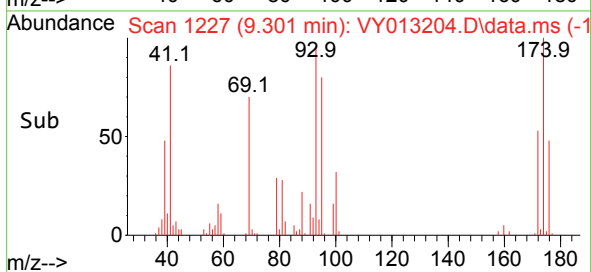
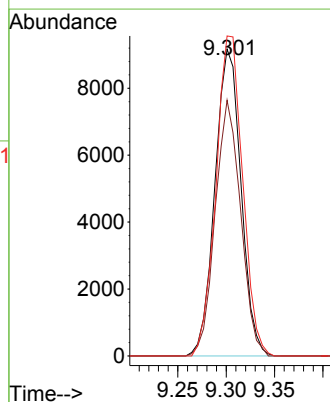
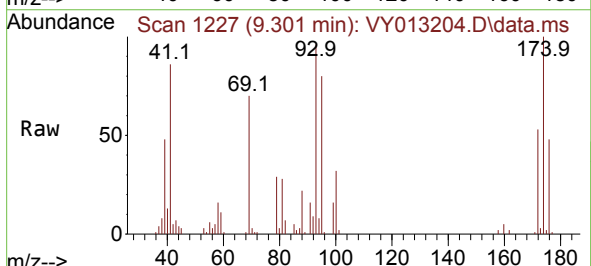
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

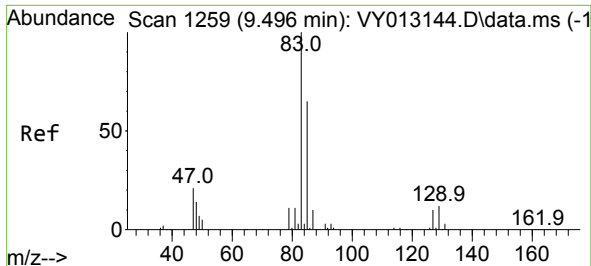
Tgt Ion: 63 Resp: 23335
Ion Ratio Lower Upper
63 100
65 29.9 25.7 38.5



#46
Dibromomethane
Concen: 21.802 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 93 Resp: 17177
Ion Ratio Lower Upper
93 100
95 81.4 65.6 98.4
174 106.7 81.3 121.9

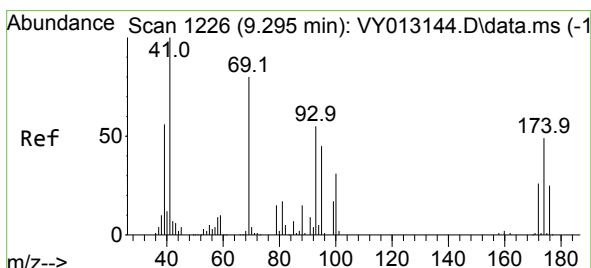
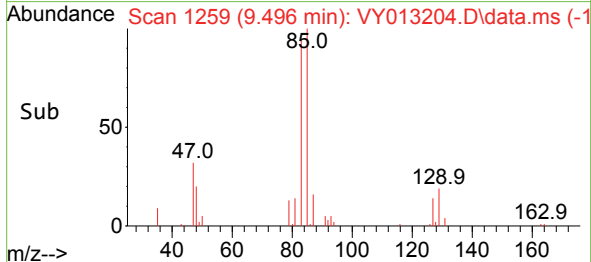
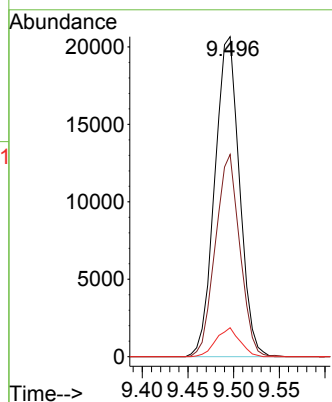
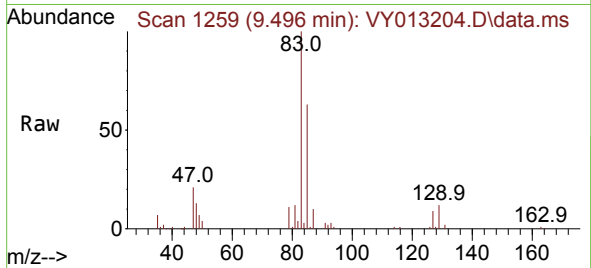




#47
Bromodichloromethane
Concen: 20.420 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

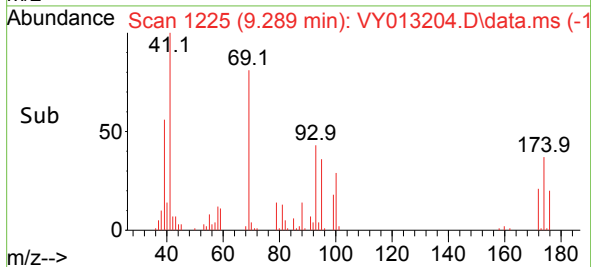
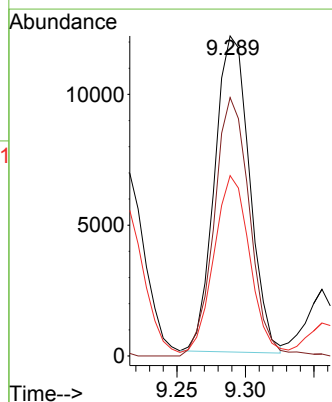
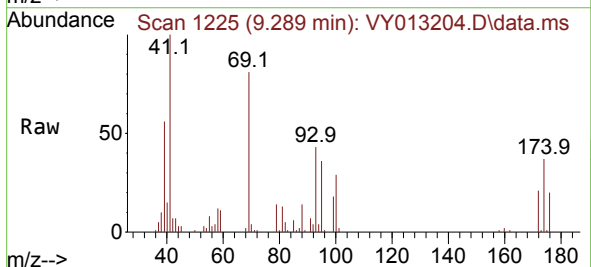
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

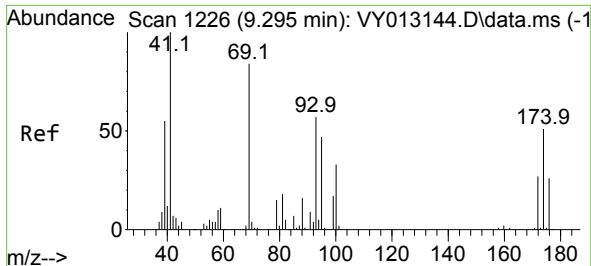
Tgt Ion: 83	Resp:	38818
Ion Ratio	Lower	Upper
83	100	
85	63.2	50.2 75.4
127	9.0	6.3 9.5



#48
Methyl methacrylate
Concen: 23.888 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 41	Resp:	21451
Ion Ratio	Lower	Upper
41	100	
69	83.1	64.1 96.1
39	57.1	44.0 66.0





#49

1,4-Dioxane

Concen: 567.611 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBSD01

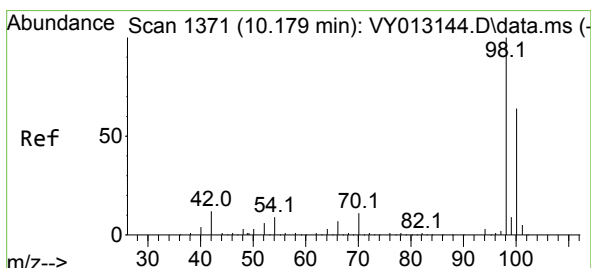
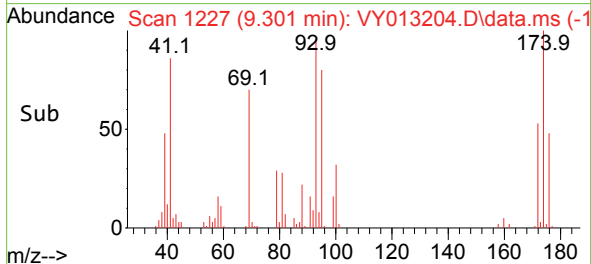
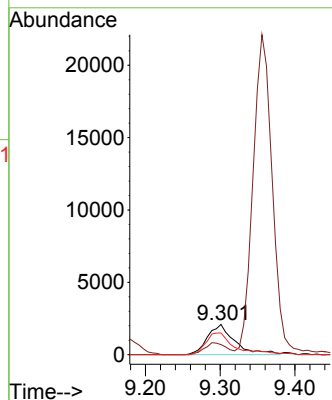
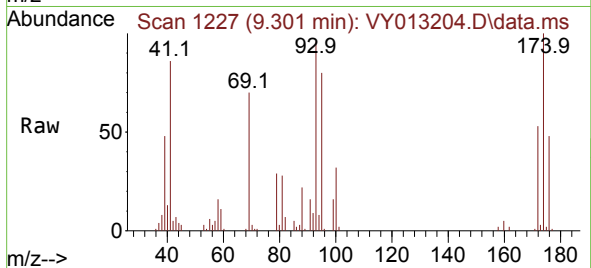
Tgt Ion: 88 Resp: 5320

Ion Ratio Lower Upper

88 100

43 32.0 28.6 42.8

58 67.2 55.2 82.8



#50

Toluene-d8

Concen: 43.609 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013204.D

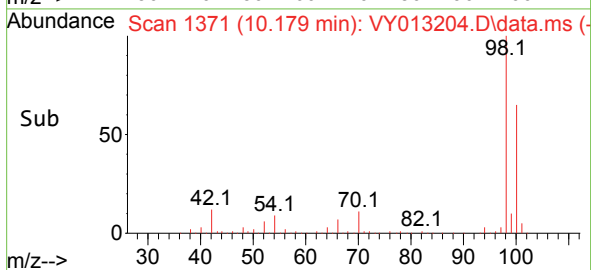
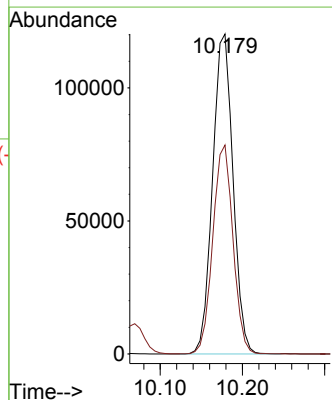
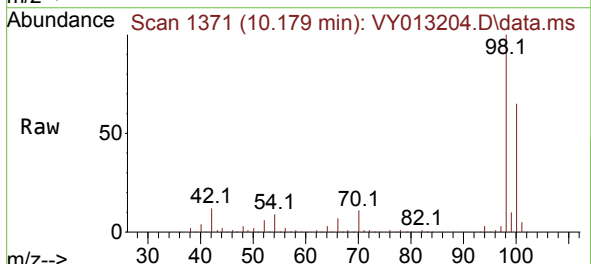
Acq: 05 Apr 2023 12:09

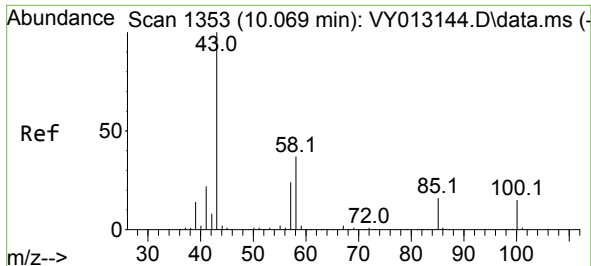
Tgt Ion: 98 Resp: 207371

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3

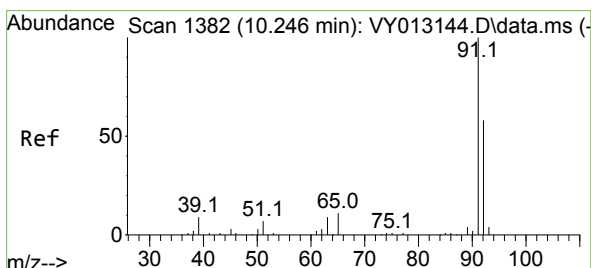
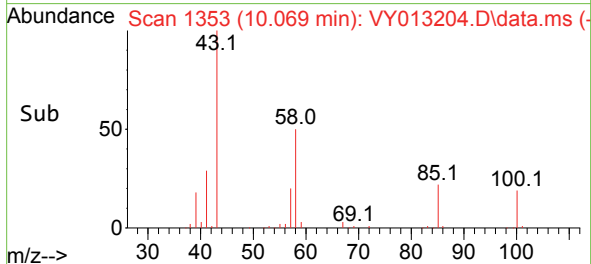
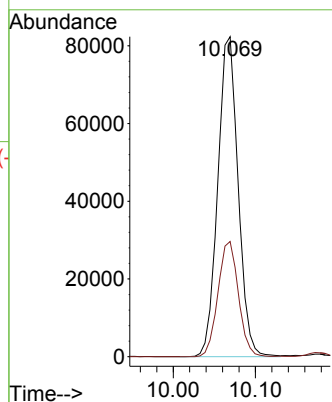
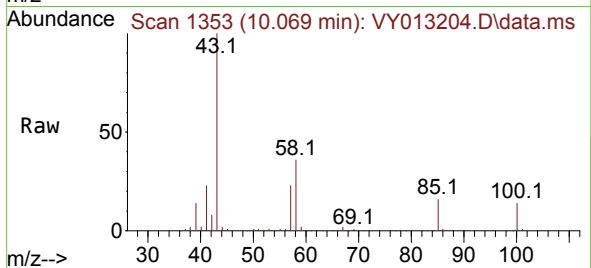




#51
4-Methyl-2-Pentanone
Concen: 136.238 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

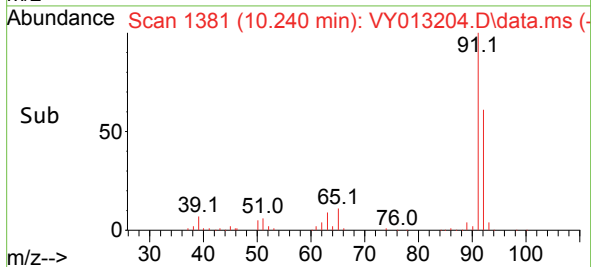
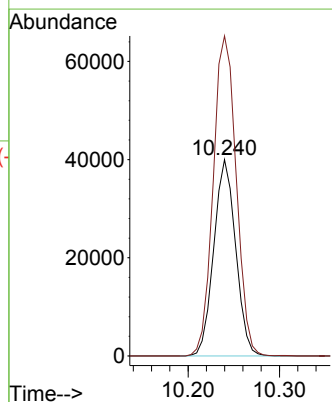
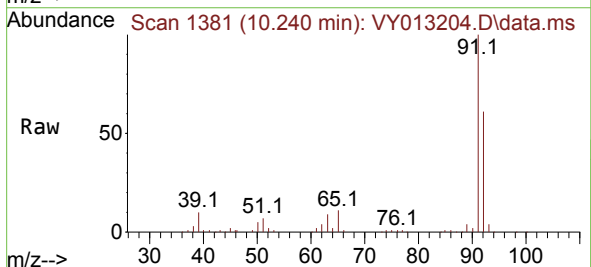
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

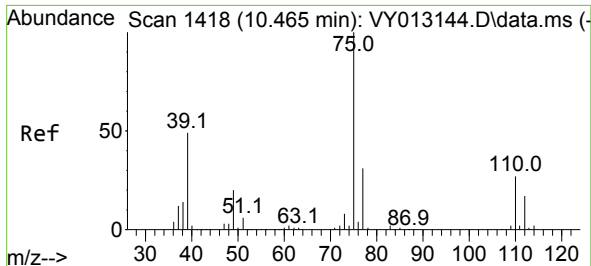
Tgt Ion: 43 Resp: 141769
Ion Ratio Lower Upper
43 100
58 36.2 29.8 44.6



#52
Toluene
Concen: 19.567 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 92 Resp: 66475
Ion Ratio Lower Upper
92 100
91 171.3 141.3 211.9

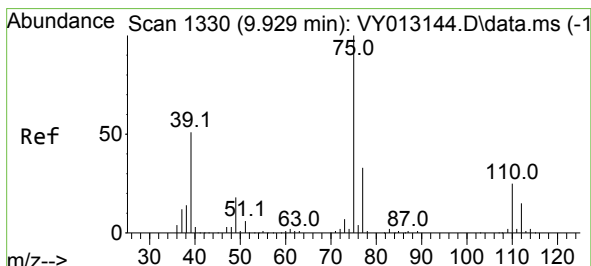
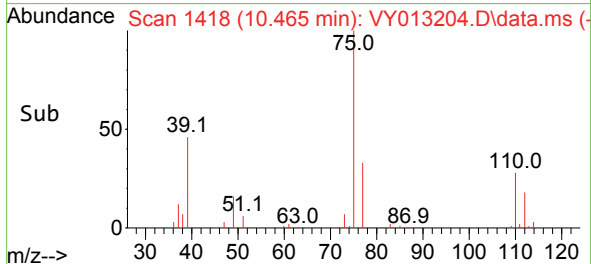
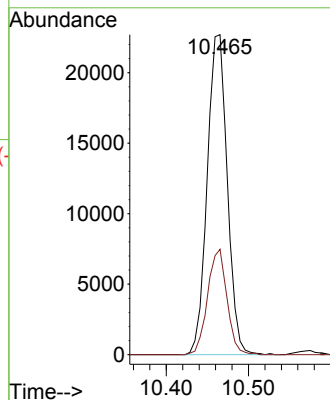
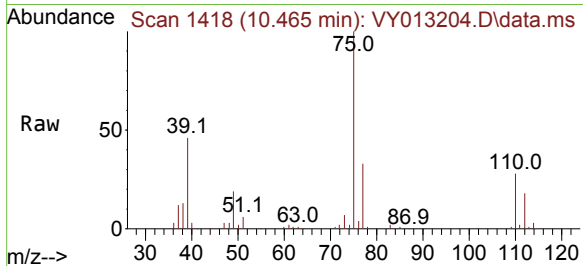




#53
 t-1,3-Dichloropropene
 Concen: 19.794 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013204.D
 Acq: 05 Apr 2023 12:09

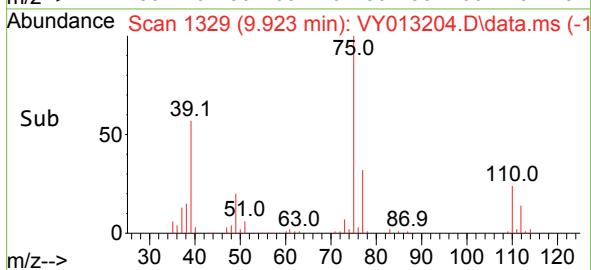
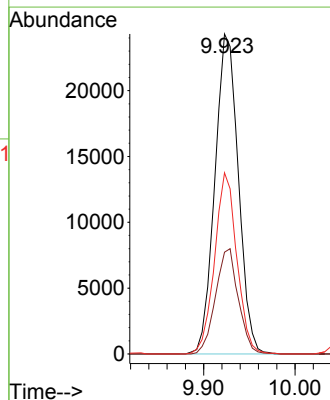
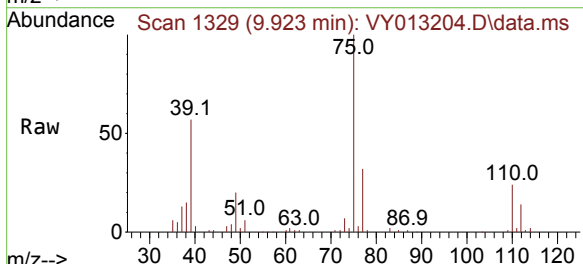
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

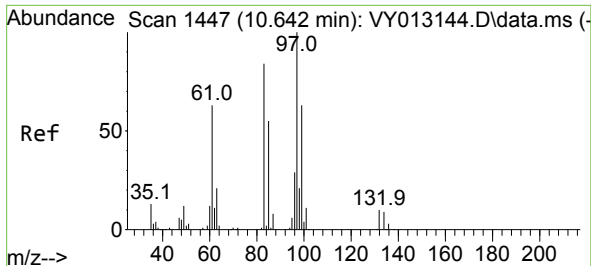
Tgt Ion: 75 Resp: 38461
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.542 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013204.D
 Acq: 05 Apr 2023 12:09

Tgt Ion: 75 Resp: 43367
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 56.6 39.0 58.4

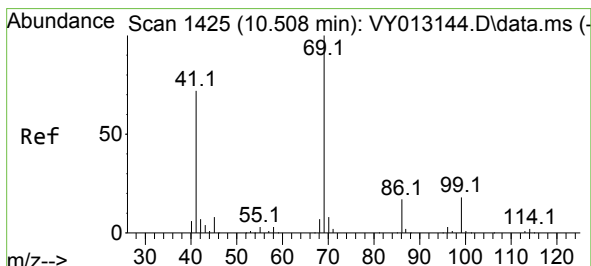
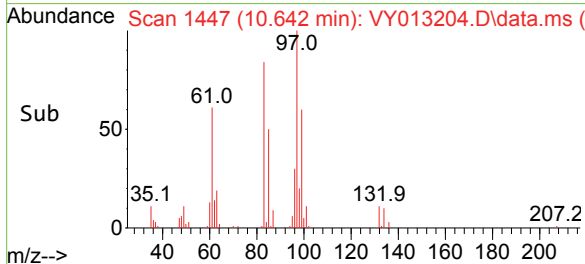
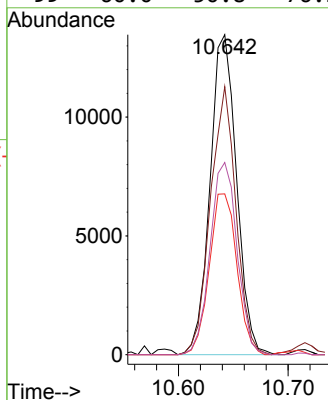
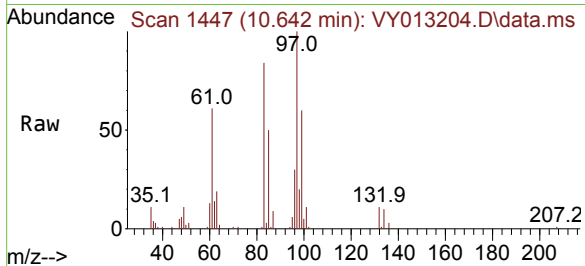




#55
1,1,2-Trichloroethane
Concen: 20.803 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

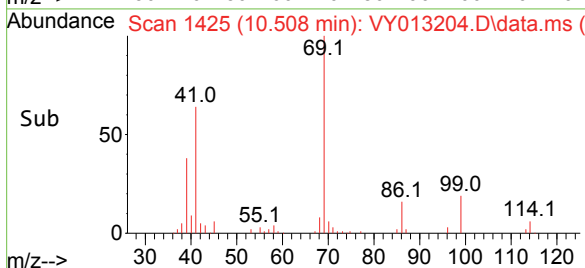
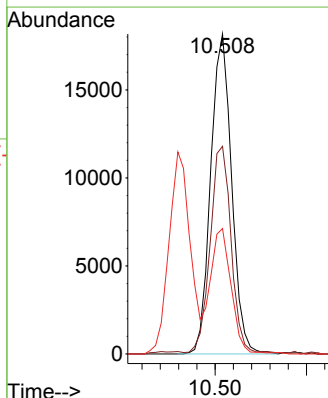
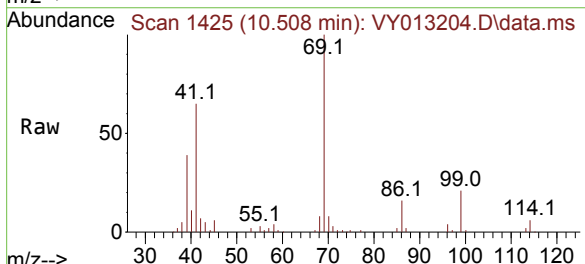
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

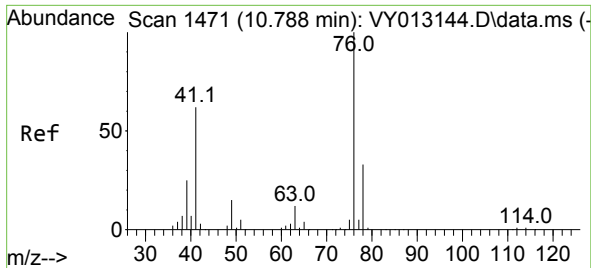
Tgt Ion:	97	Resp:	22655
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.0	103.6
85	50.3	44.9	67.3
99	60.0	50.8	76.2



#56
Ethyl methacrylate
Concen: 21.084 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion:	69	Resp:	28869
Ion	Ratio	Lower	Upper
69	100		
41	64.5	56.4	84.6
39	38.5	30.8	46.2

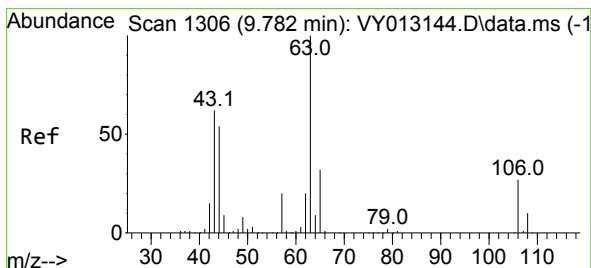
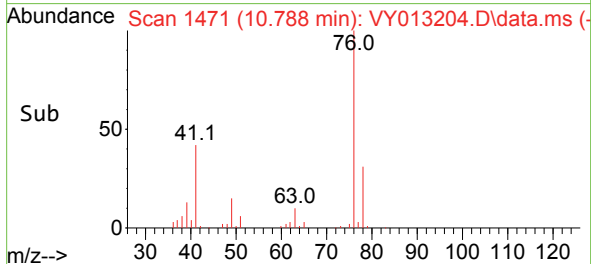
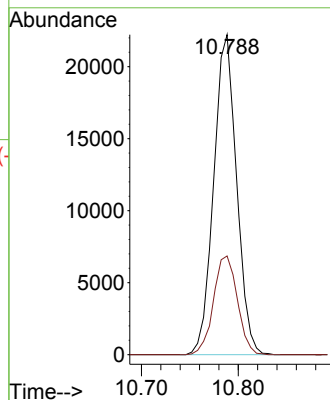
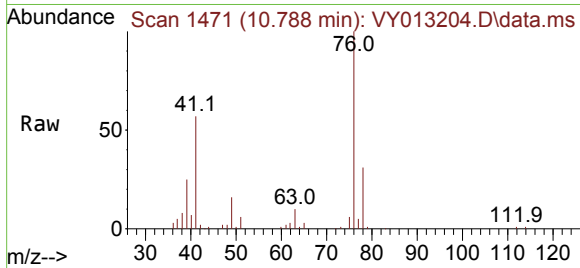




#57
1,3-Dichloropropane
Concen: 19.831 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

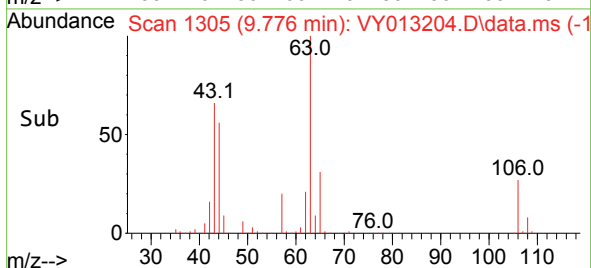
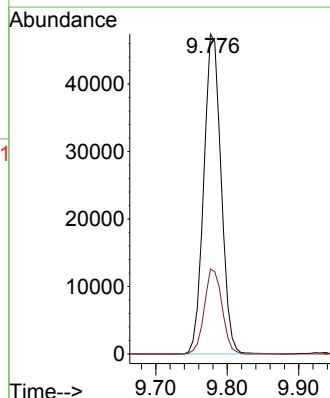
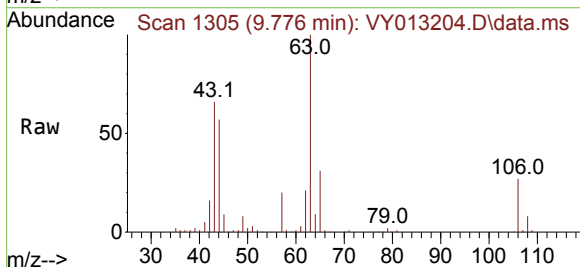
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

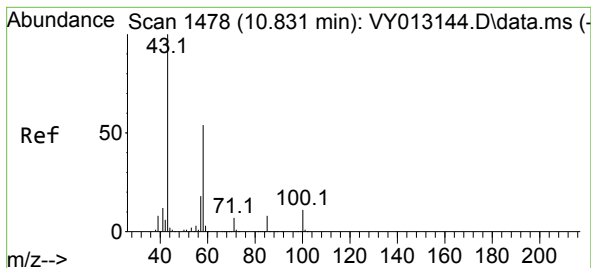
Tgt Ion: 76 Resp: 36458
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 124.573 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 63 Resp: 79756
Ion Ratio Lower Upper
63 100
106 27.2 22.1 33.1

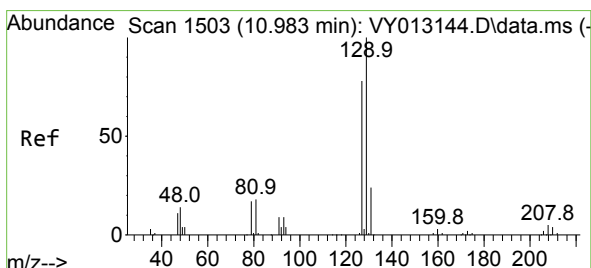
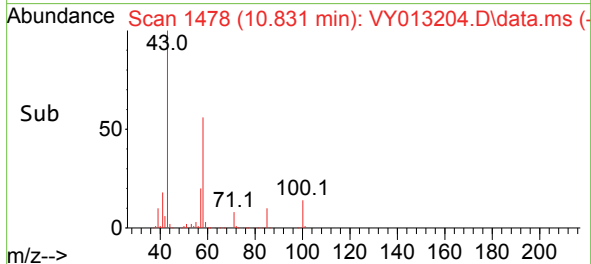
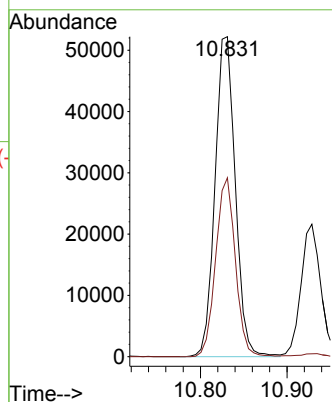
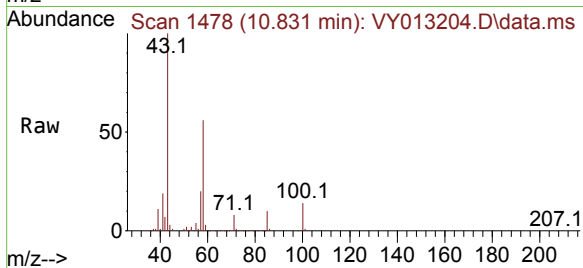




#59
2-Hexanone
Concen: 112.762 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

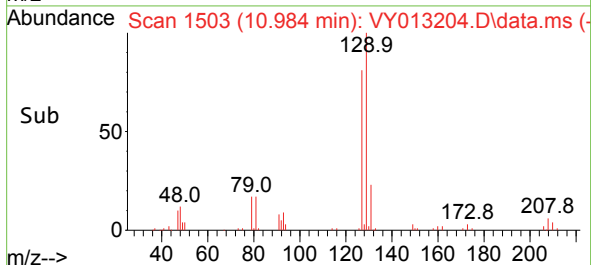
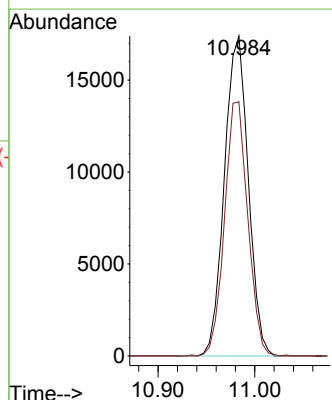
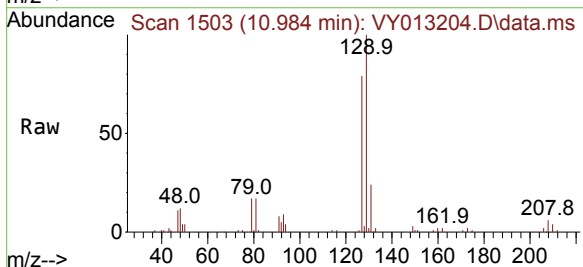
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

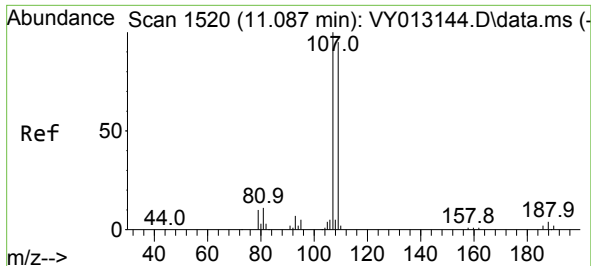
Tgt Ion: 43 Resp: 84863
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8



#60
Dibromochloromethane
Concen: 21.773 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 129 Resp: 29781
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

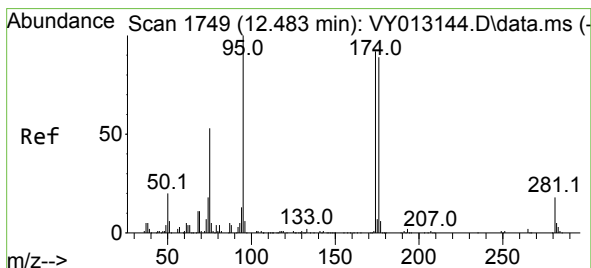
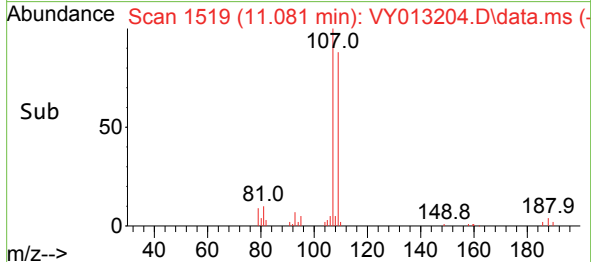
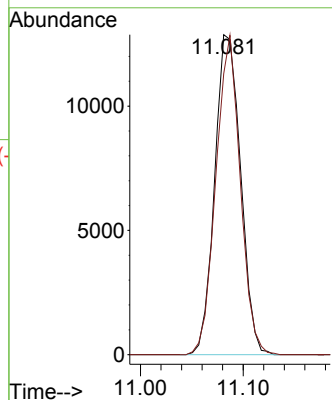
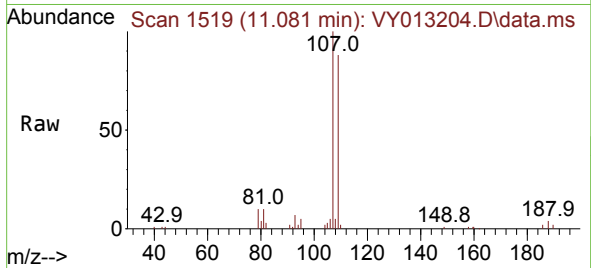




#61
1,2-Dibromoethane
Concen: 21.374 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

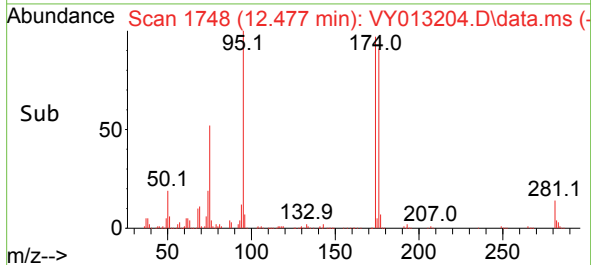
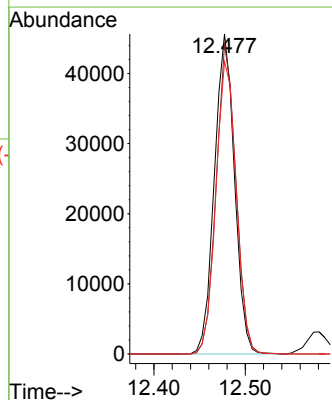
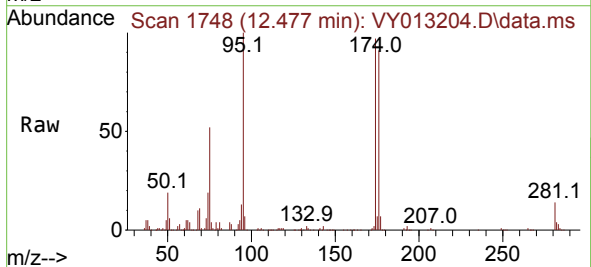
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

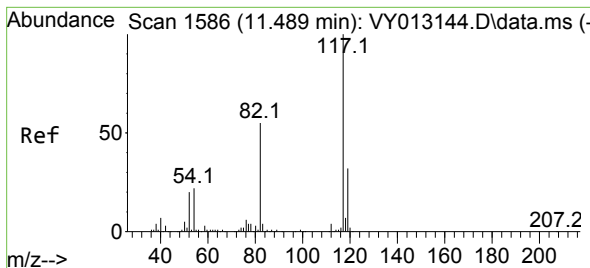
Tgt Ion:107 Resp: 22553
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 45.039 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 95 Resp: 69712
Ion Ratio Lower Upper
95 100
174 95.1 0.0 176.6
176 92.7 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: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

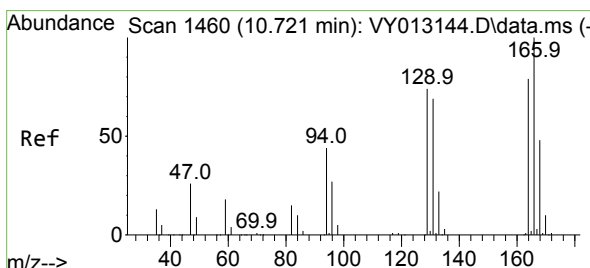
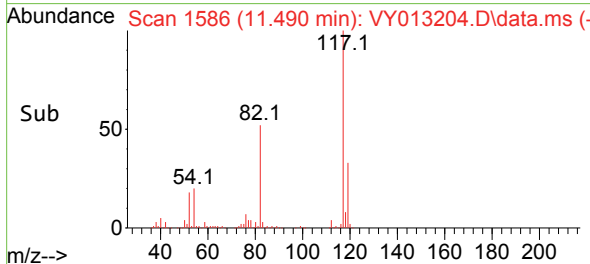
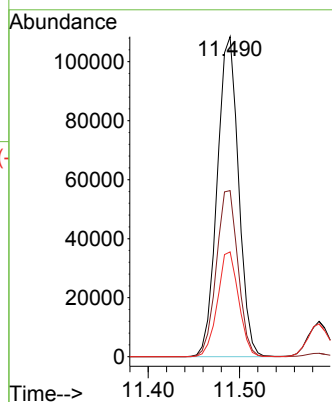
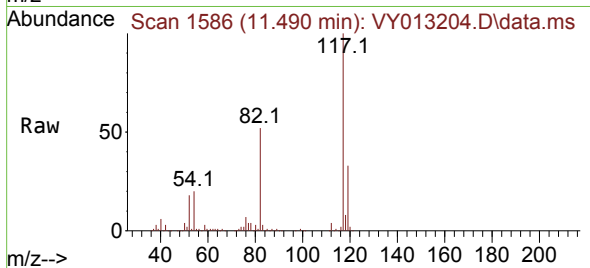
Tgt Ion:117 Resp: 176074

Ion Ratio Lower Upper

117 100

82 51.9 45.4 68.0

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 21.051 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Tgt Ion:164 Resp: 28495

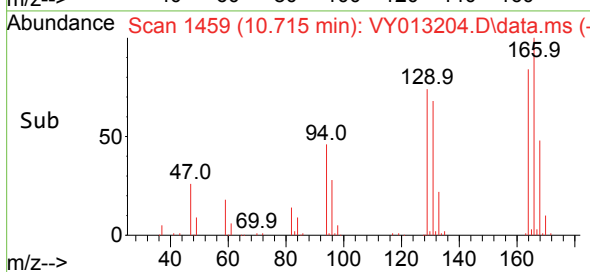
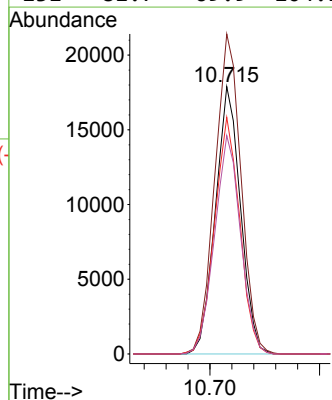
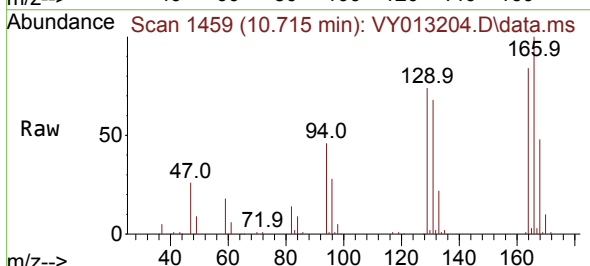
Ion Ratio Lower Upper

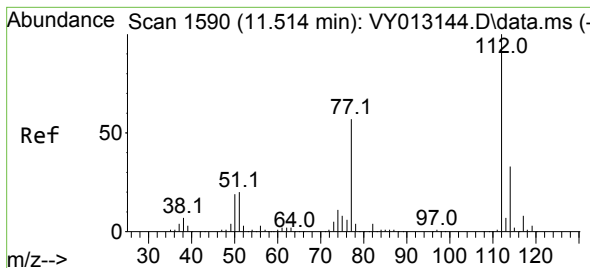
164 100

166 119.7 103.4 155.2

129 88.5 71.4 107.2

131 81.7 69.9 104.9

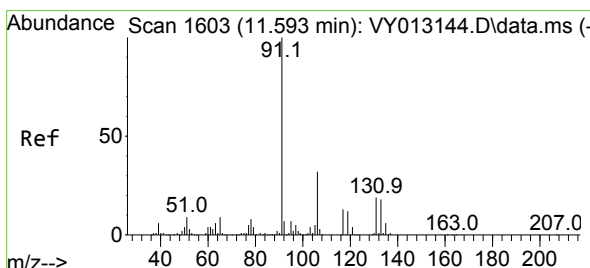
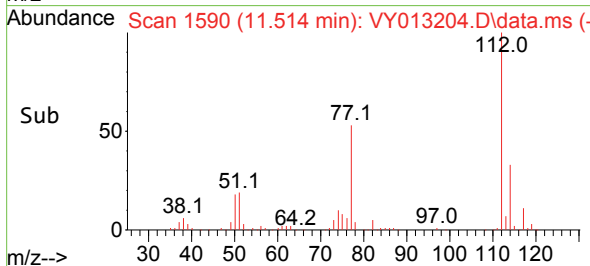
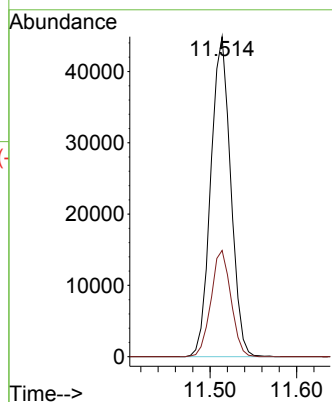
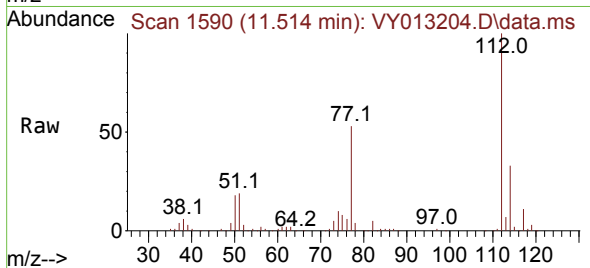




#65
Chlorobenzene
Concen: 19.154 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

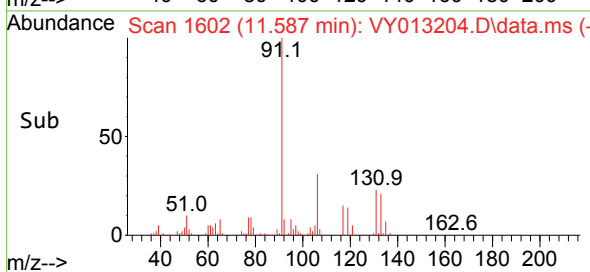
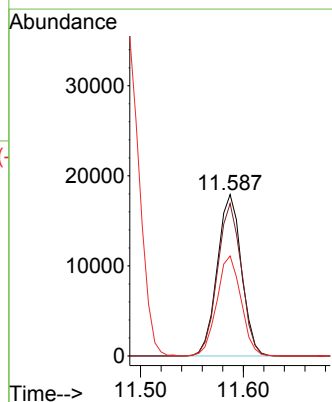
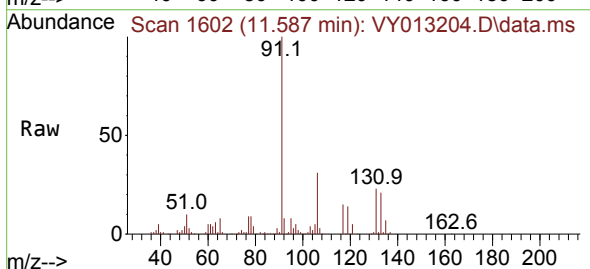
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

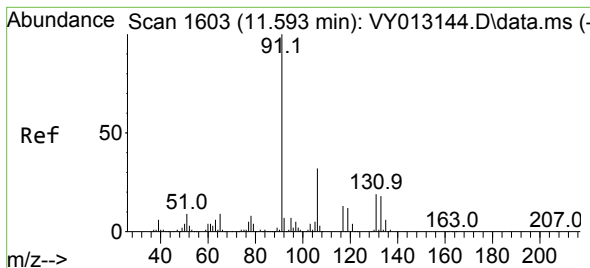
Tgt Ion:112 Resp: 71596
Ion Ratio Lower Upper
112 100
114 33.2 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.860 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion:131 Resp: 29232
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 62.1 32.6 98.0





#67

Ethyl Benzene

Concen: 19.421 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

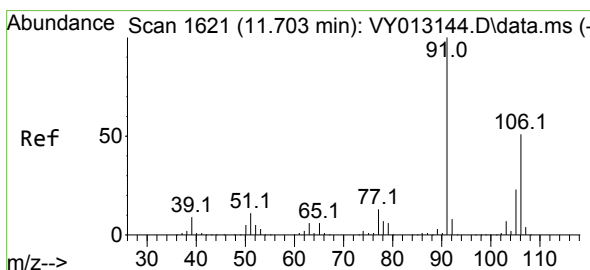
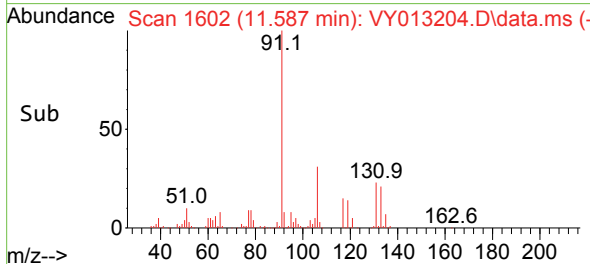
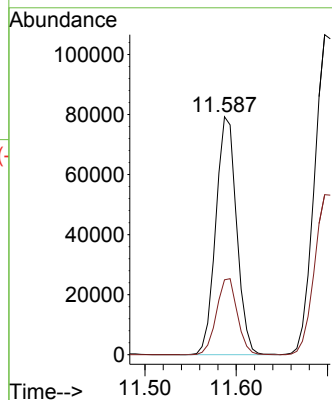
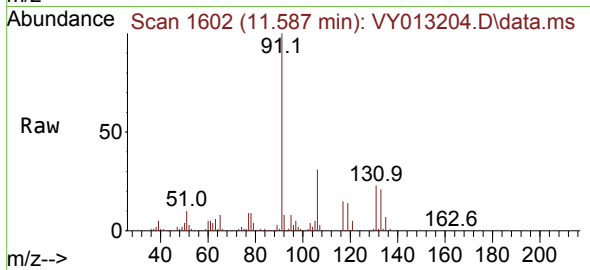
VY0405SBS01

Tgt Ion: 91 Resp: 125377

Ion Ratio Lower Upper

91 100

106 31.5 25.1 37.7



#68

m/p-Xylenes

Concen: 40.093 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013204.D

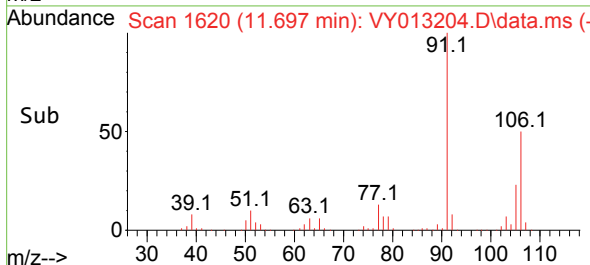
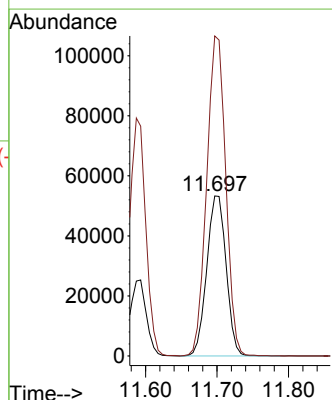
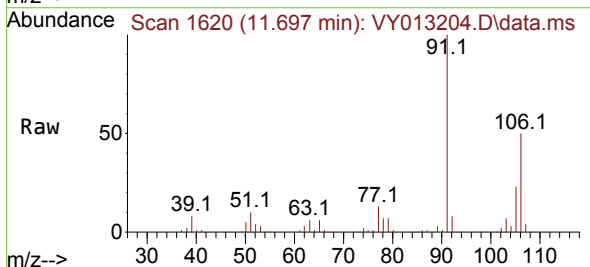
Acq: 05 Apr 2023 12:09

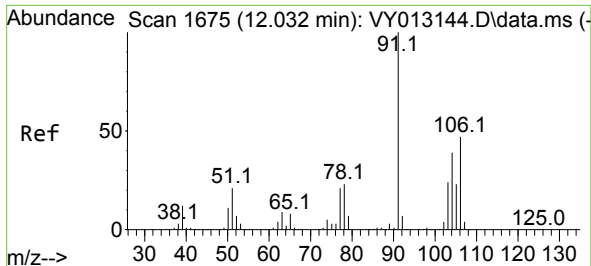
Tgt Ion:106 Resp: 100126

Ion Ratio Lower Upper

106 100

91 197.2 159.8 239.8

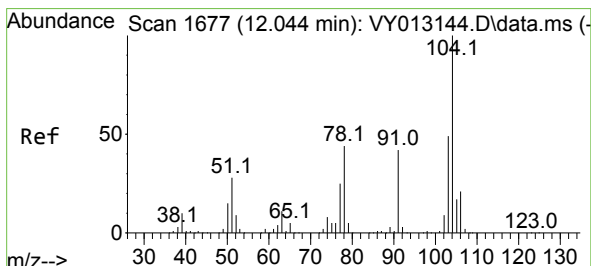
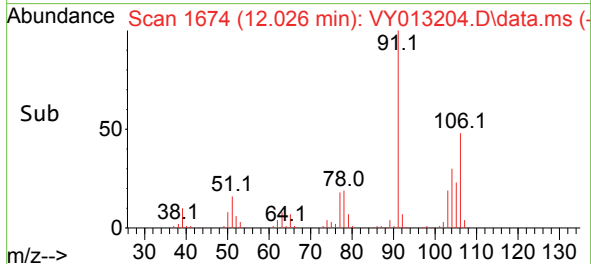
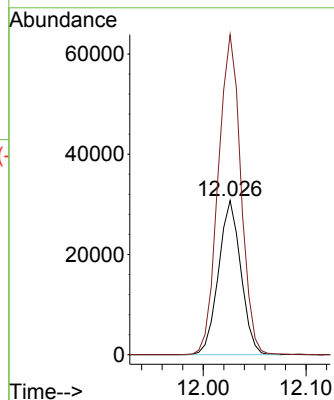
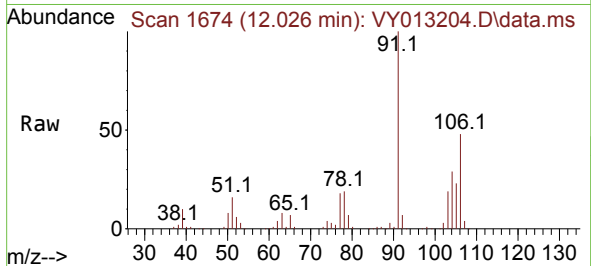




#69
o-Xylene
Concen: 20.053 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

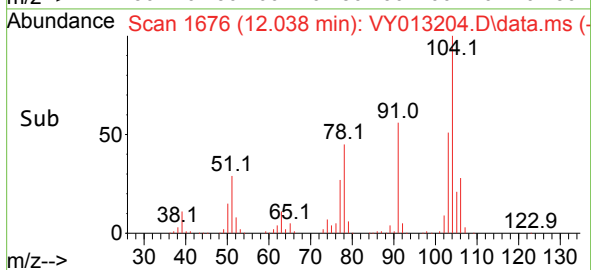
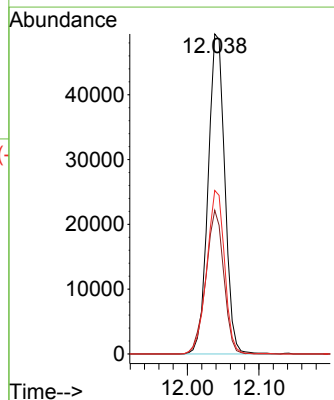
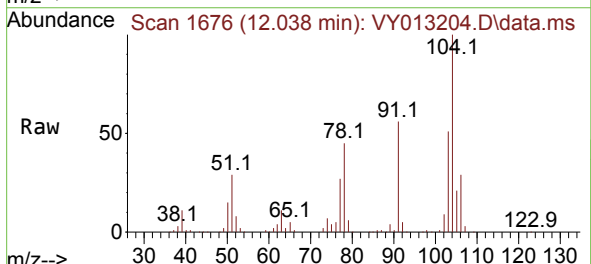
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

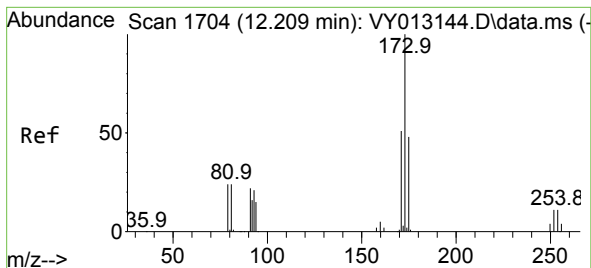
Tgt Ion:106 Resp: 46451
Ion Ratio Lower Upper
106 100
91 210.5 107.2 321.6



#70
Styrene
Concen: 20.677 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion:104 Resp: 80124
Ion Ratio Lower Upper
104 100
78 48.1 39.2 58.8
103 54.5 43.7 65.5





#71

Bromoform

Concen: 24.437 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBSD01

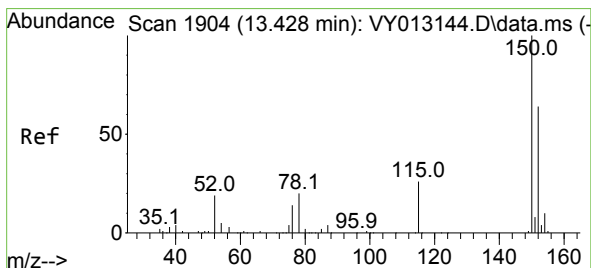
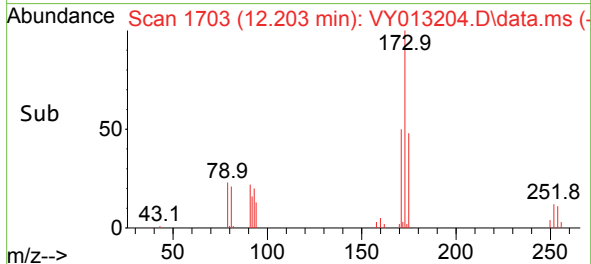
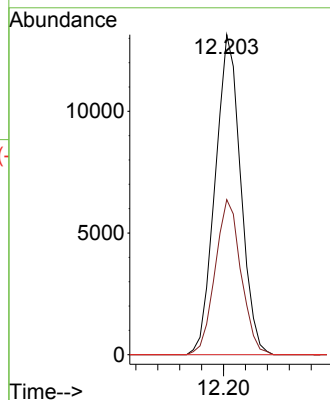
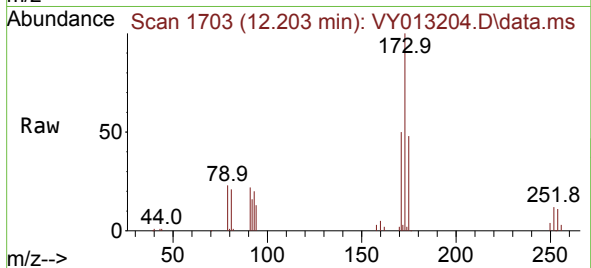
Tgt Ion:173 Resp: 21235

Ion Ratio Lower Upper

173 100

175 49.3 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: VY013204.D

Acq: 05 Apr 2023 12:09

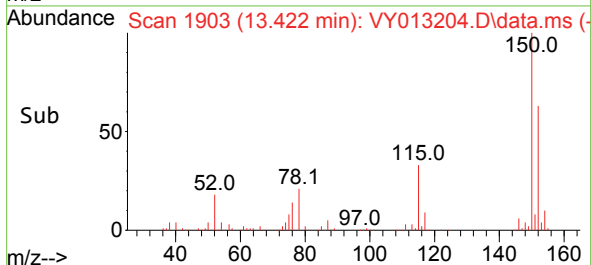
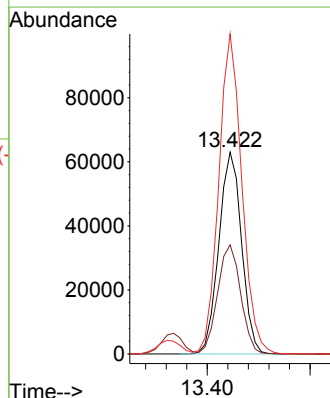
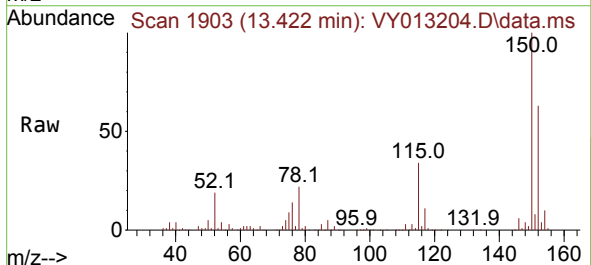
Tgt Ion:152 Resp: 96506

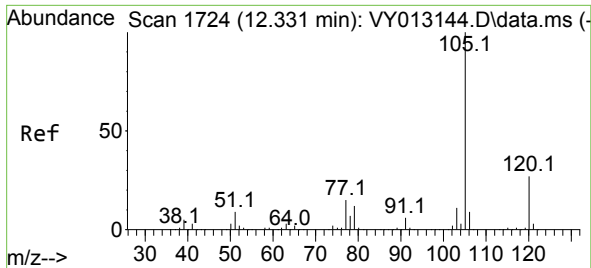
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 161.1 0.0 347.8

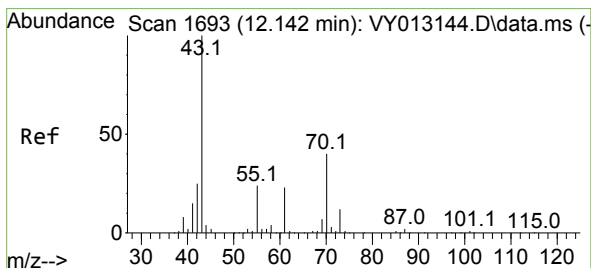
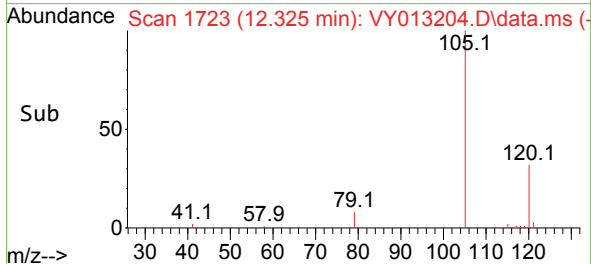
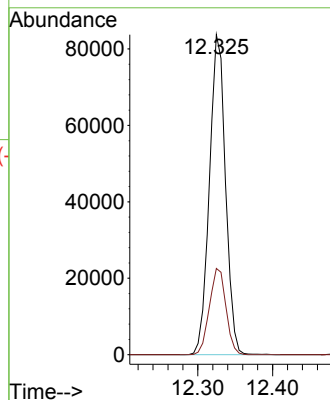
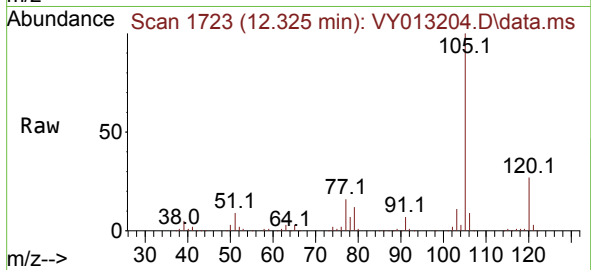




#73
Isopropylbenzene
Concen: 18.783 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

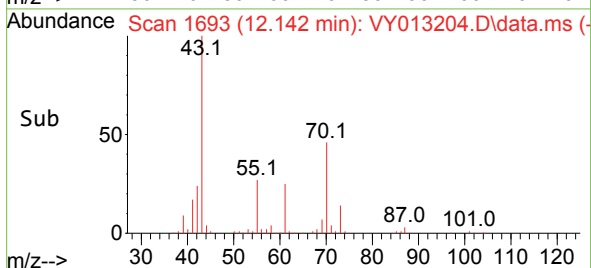
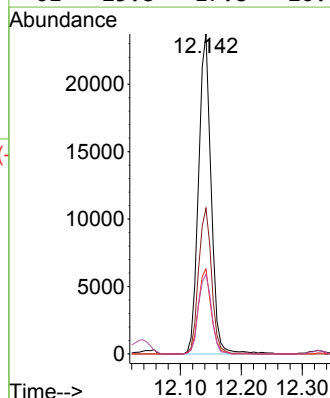
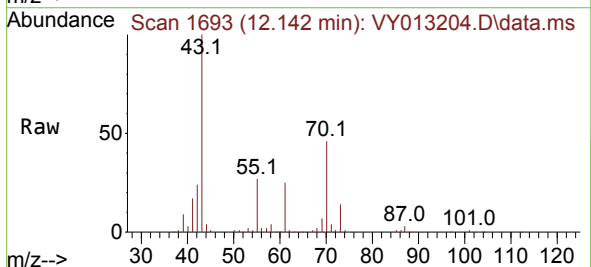
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

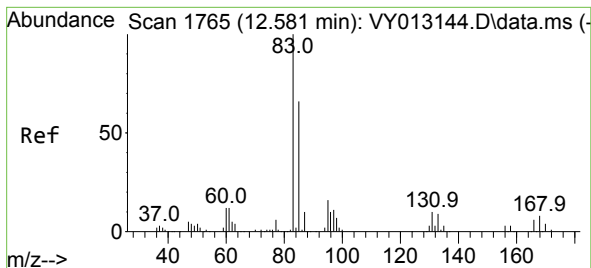
Tgt Ion:105 Resp: 125128
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 18.646 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 43 Resp: 34104
Ion Ratio Lower Upper
43 100
70 46.9 31.6 47.4
55 27.0 18.8 28.2
61 25.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.820 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

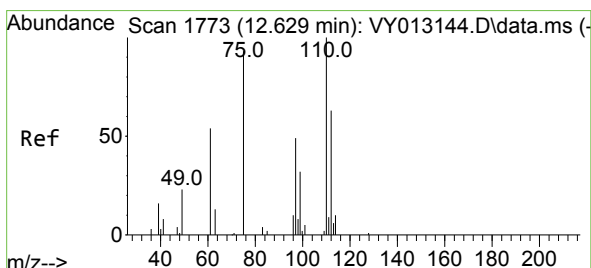
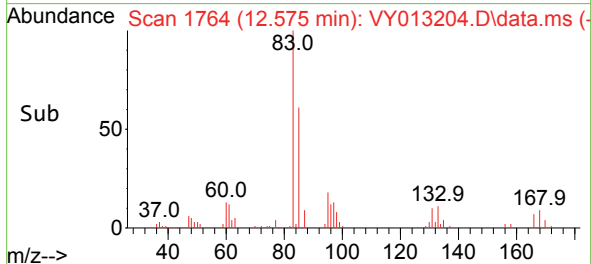
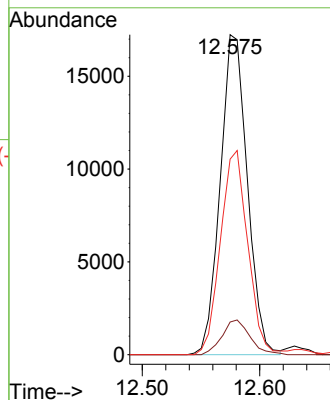
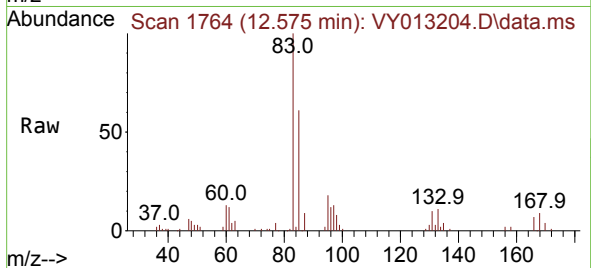
Tgt Ion: 83 Resp: 27656

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.2

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 34.093 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013204.D

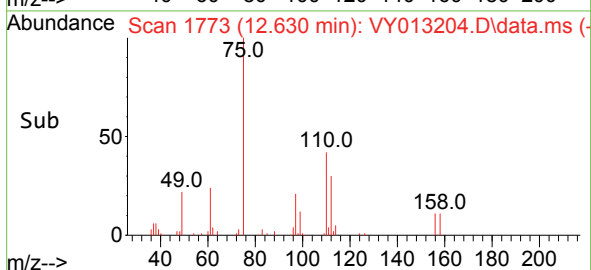
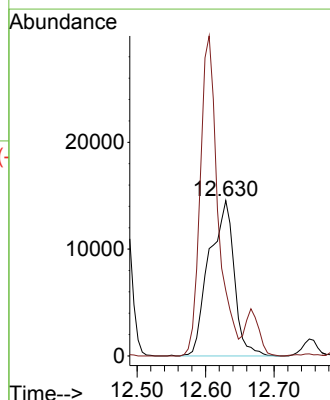
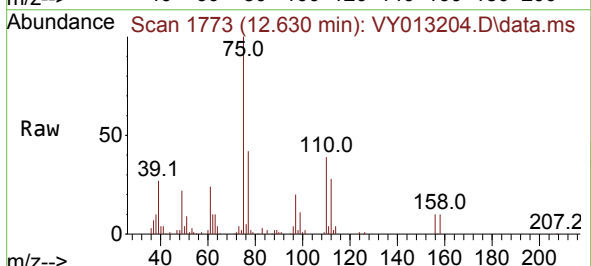
Acq: 05 Apr 2023 12:09

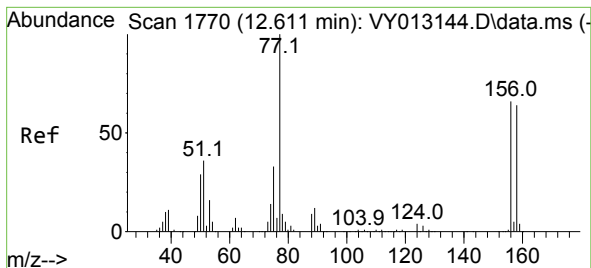
Tgt Ion: 75 Resp: 36962

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.130 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBSD01

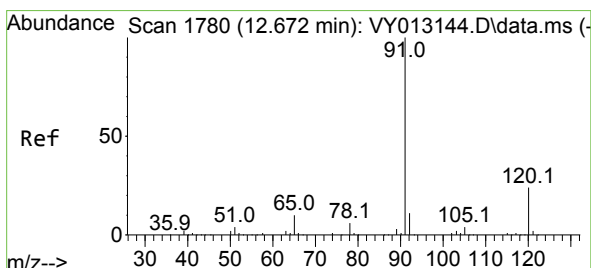
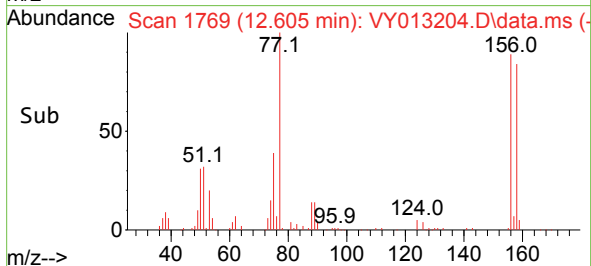
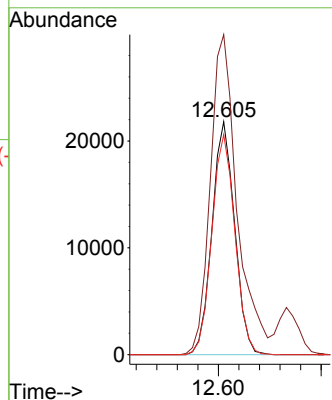
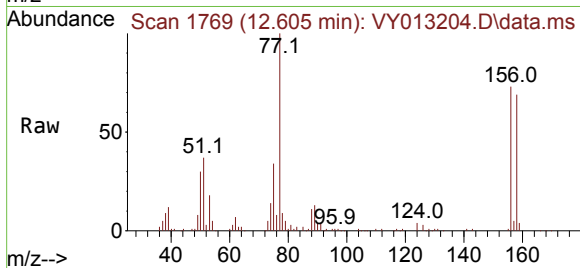
Tgt Ion:156 Resp: 33340

Ion Ratio Lower Upper

156 100

77 162.4 94.0 282.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 18.156 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013204.D

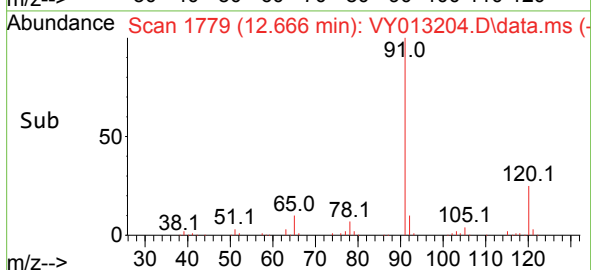
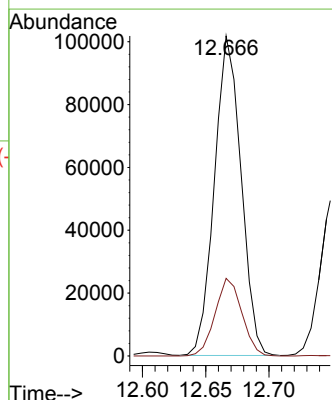
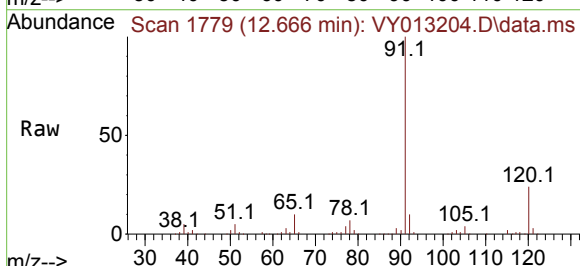
Acq: 05 Apr 2023 12:09

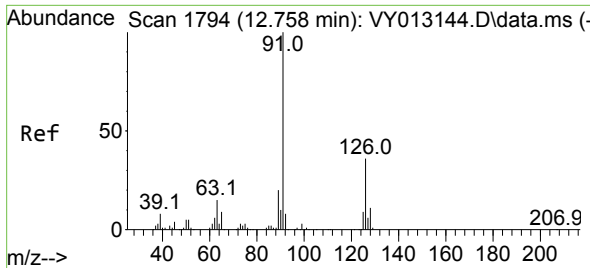
Tgt Ion: 91 Resp: 148709

Ion Ratio Lower Upper

91 100

120 24.4 11.6 34.8

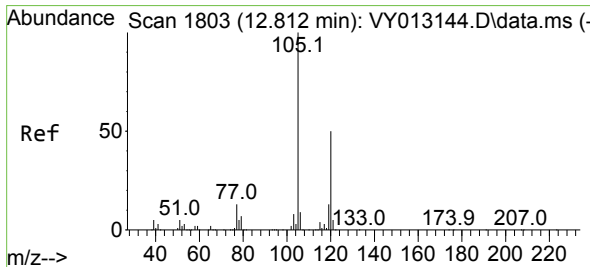
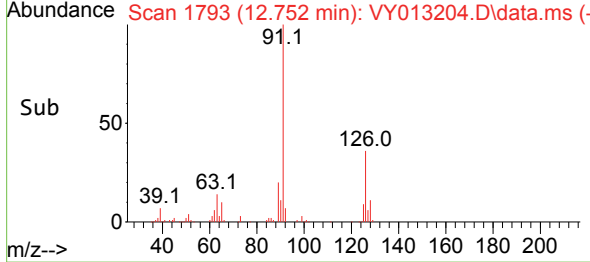
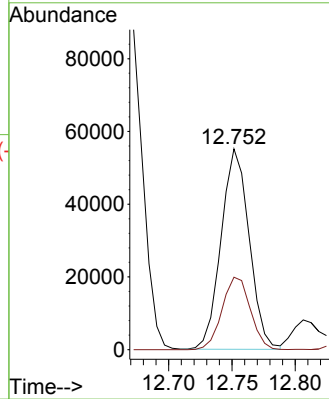
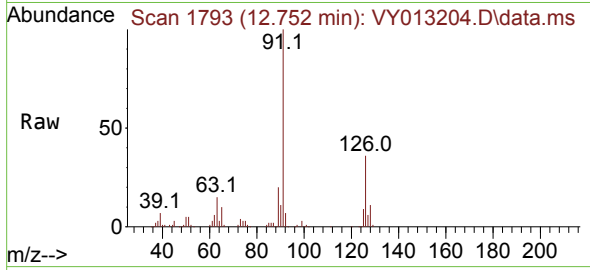




#79
2-Chlorotoluene
Concen: 18.328 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

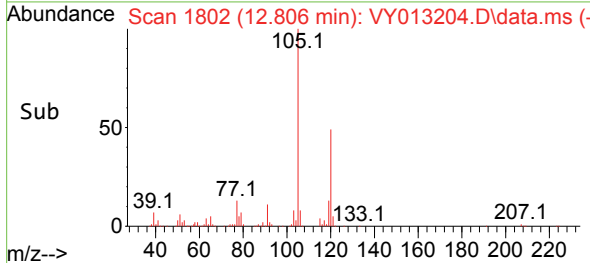
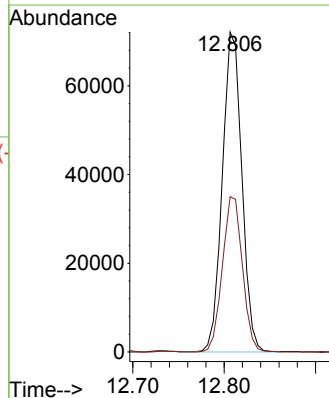
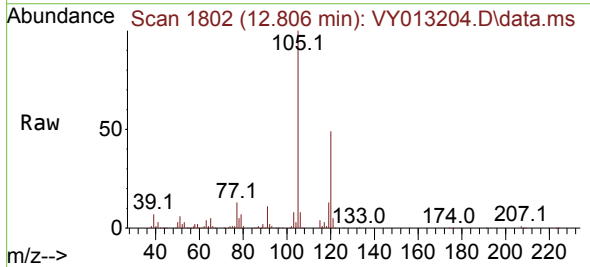
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBSD01

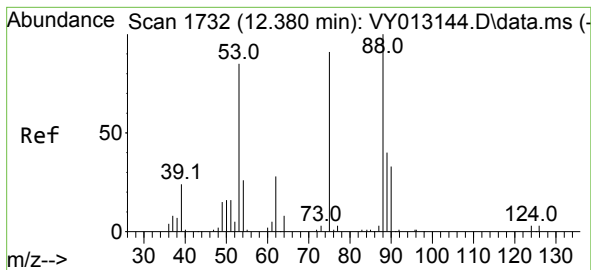
Tgt Ion: 91 Resp: 85183
Ion Ratio Lower Upper
91 100
126 36.4 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 19.275 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 105 Resp: 107349
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

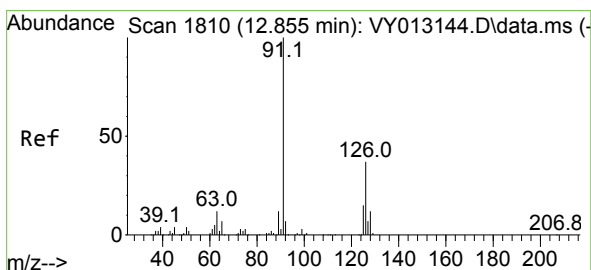
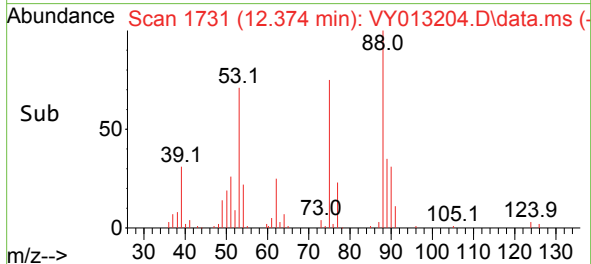
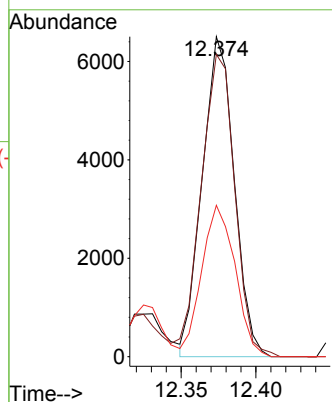
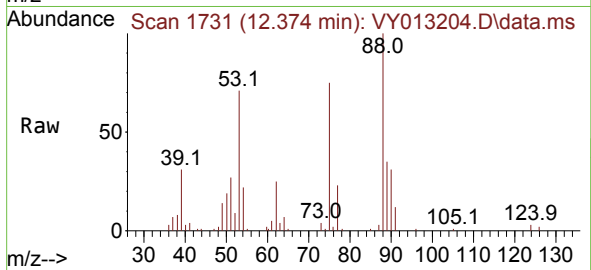




#81
trans-1,4-Dichloro-2-butene
Concen: 19.867 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

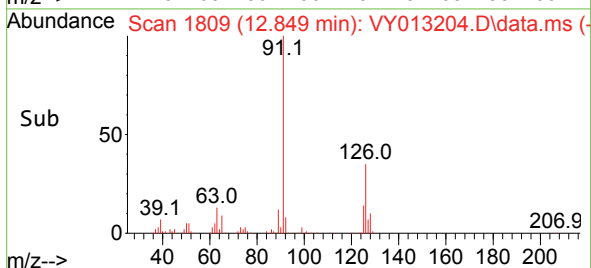
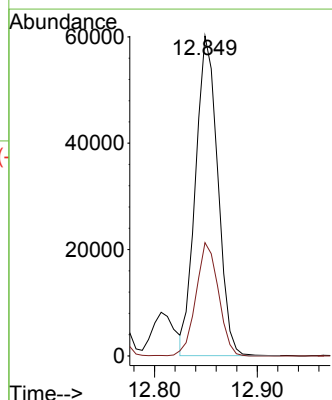
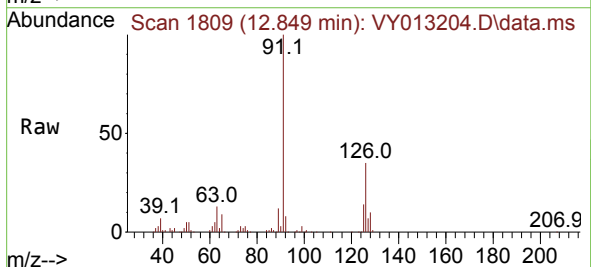
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

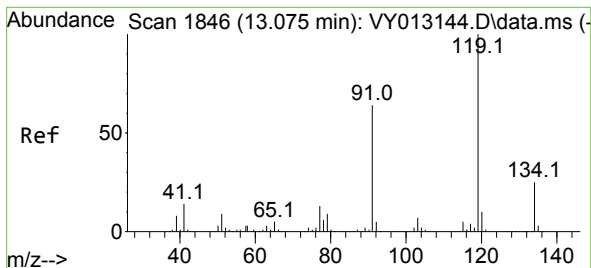
Tgt Ion: 75 Resp: 9658
Ion Ratio Lower Upper
75 100
53 99.6 73.4 110.0
89 49.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 18.677 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013204.D
Acq: 05 Apr 2023 12:09

Tgt Ion: 91 Resp: 90343
Ion Ratio Lower Upper
91 100
126 35.9 17.7 53.1





#83

tert-Butylbenzene

Concen: 19.869 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

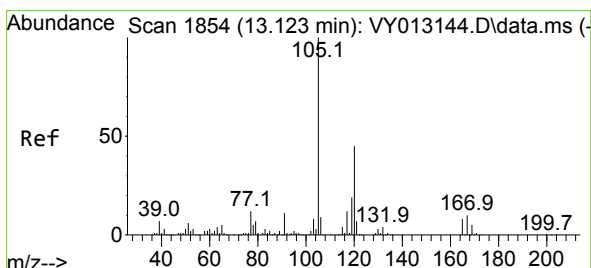
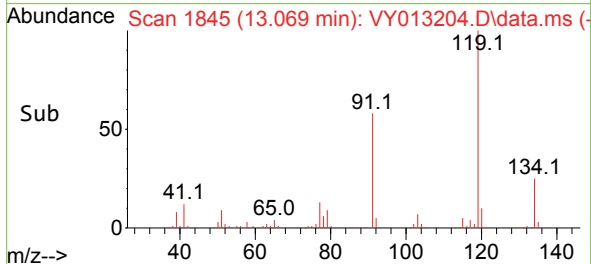
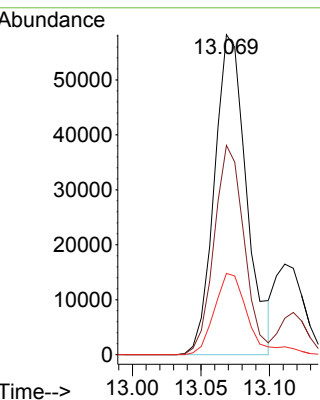
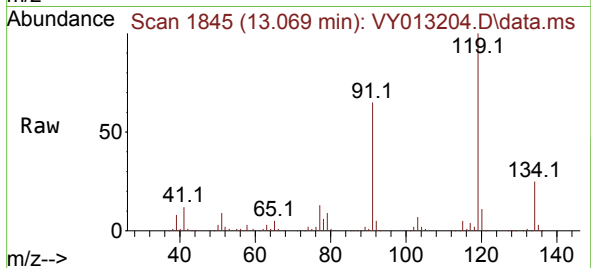
Tgt Ion:119 Resp: 95047

Ion Ratio Lower Upper

119 100

91 61.1 32.8 98.3

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.316 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013204.D

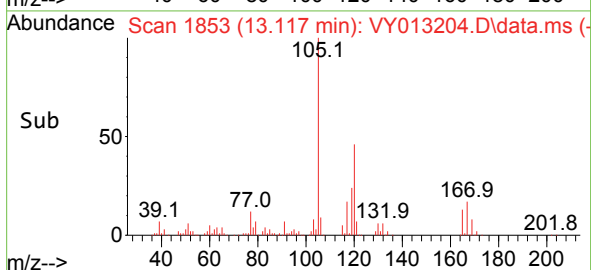
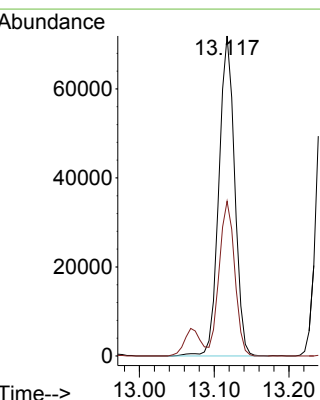
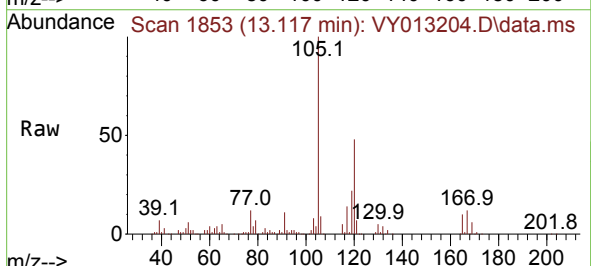
Acq: 05 Apr 2023 12:09

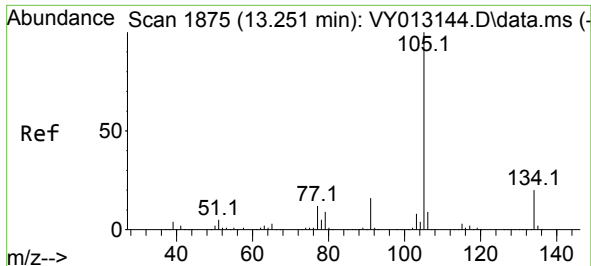
Tgt Ion:105 Resp: 105352

Ion Ratio Lower Upper

105 100

120 47.3 23.0 69.0

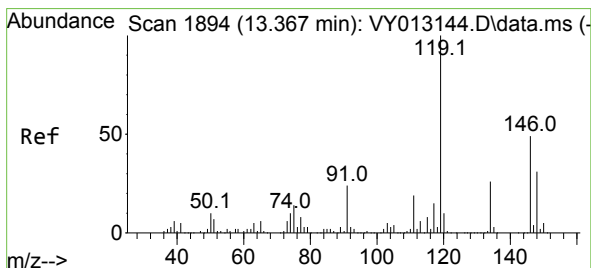
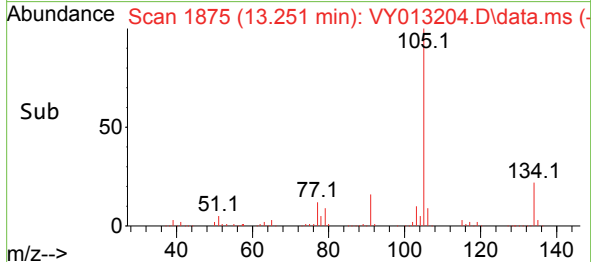
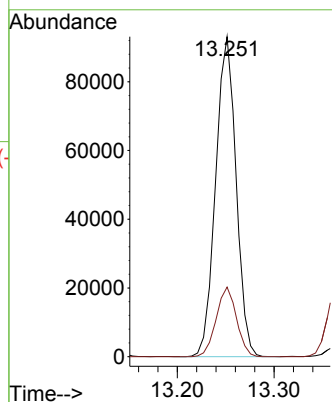
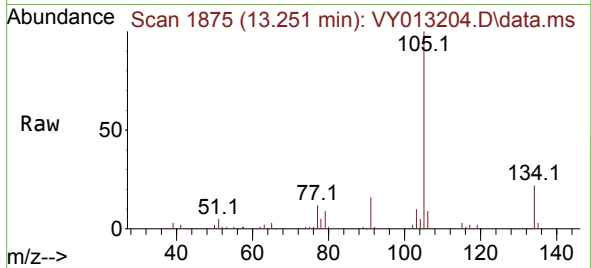




#85
 sec-Butylbenzene
 Concen: 18.912 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013204.D
 Acq: 05 Apr 2023 12:09

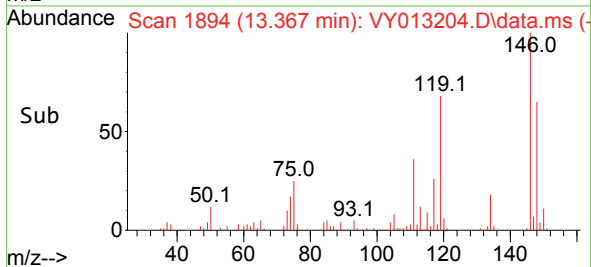
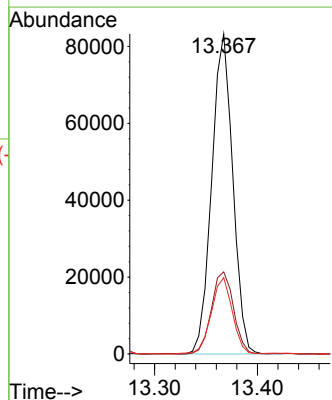
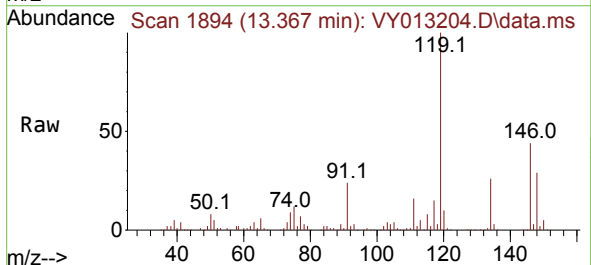
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBSD01

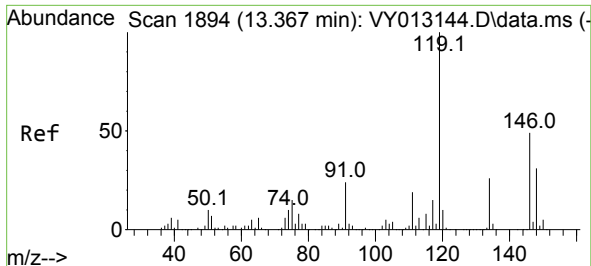
Tgt Ion:105 Resp: 136604
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.894 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013204.D
 Acq: 05 Apr 2023 12:09

Tgt Ion:119 Resp: 118293
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.508 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

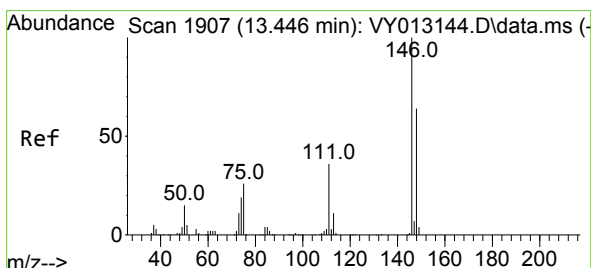
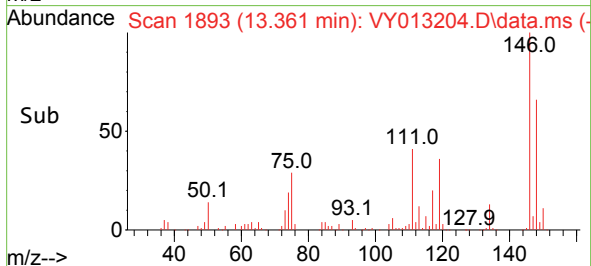
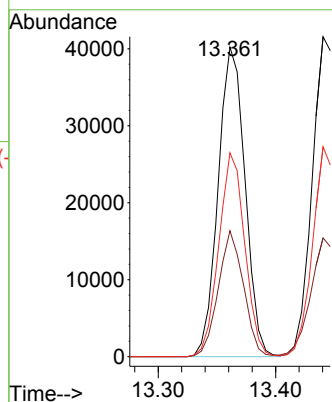
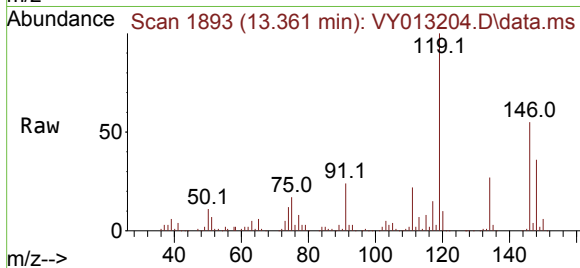
Tgt Ion:146 Resp: 64048

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.690 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

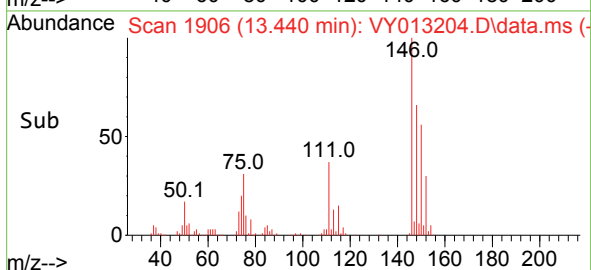
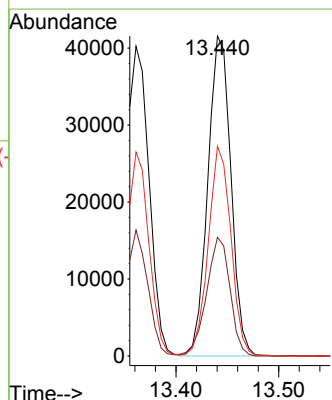
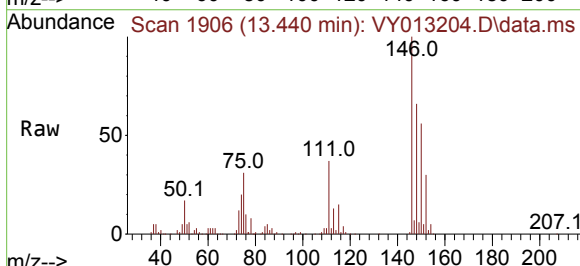
Tgt Ion:146 Resp: 64777

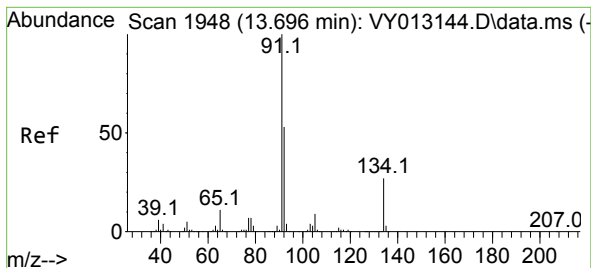
Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 18.607 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

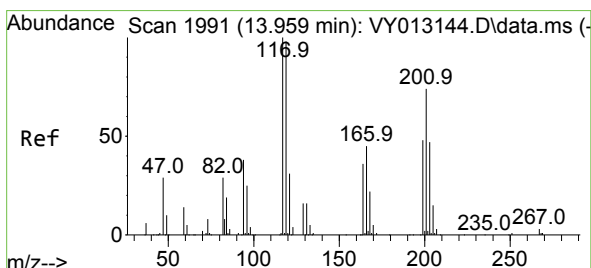
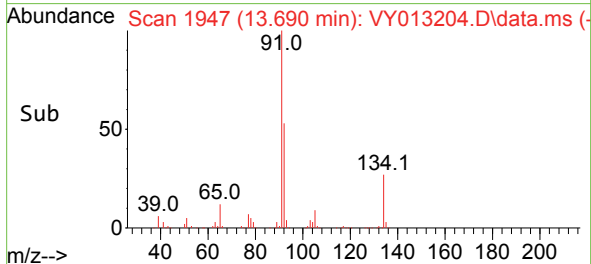
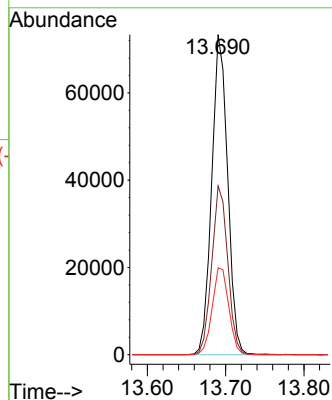
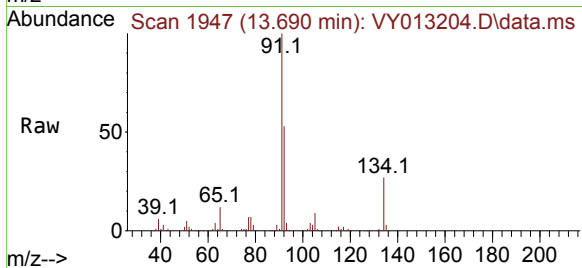
Tgt Ion: 91 Resp: 103435

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 28.3 13.0 38.9



#90

Hexachloroethane

Concen: 18.492 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013204.D

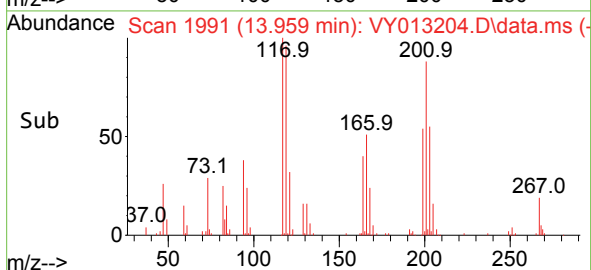
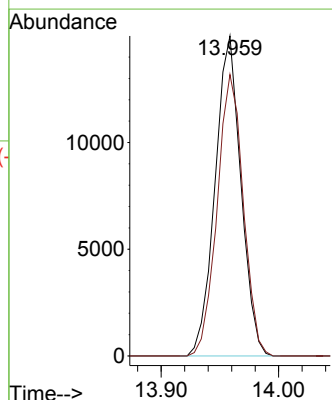
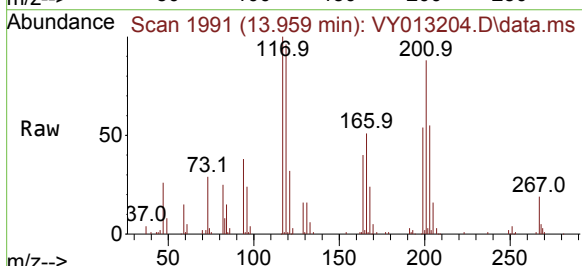
Acq: 05 Apr 2023 12:09

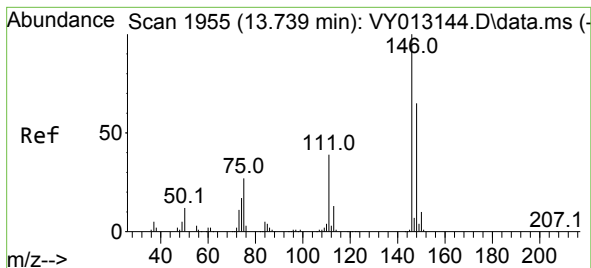
Tgt Ion: 117 Resp: 22906

Ion Ratio Lower Upper

117 100

201 88.7 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.048 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBSD01

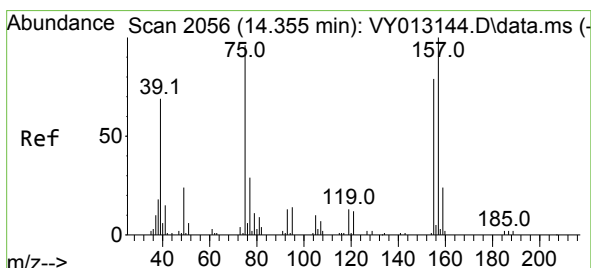
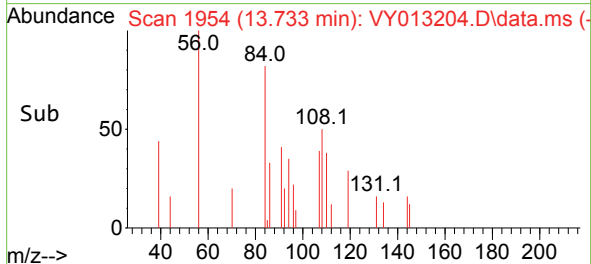
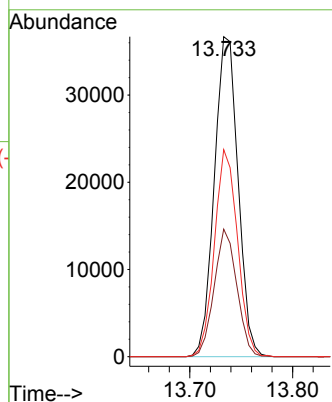
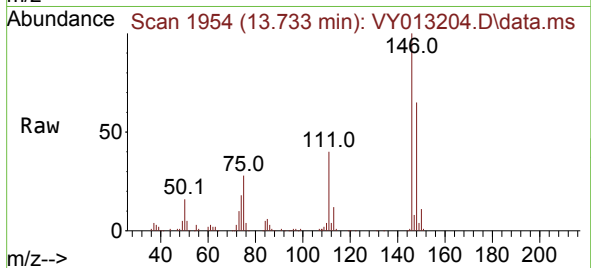
Tgt Ion:146 Resp: 58782

Ion Ratio Lower Upper

146 100

111 38.1 19.7 59.1

148 62.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.976 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

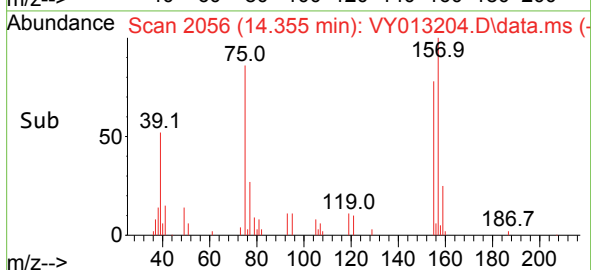
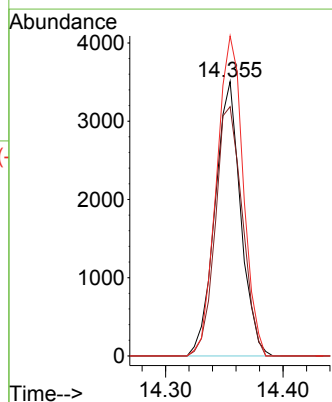
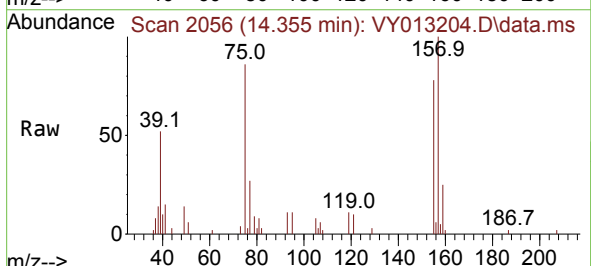
Tgt Ion: 75 Resp: 5335

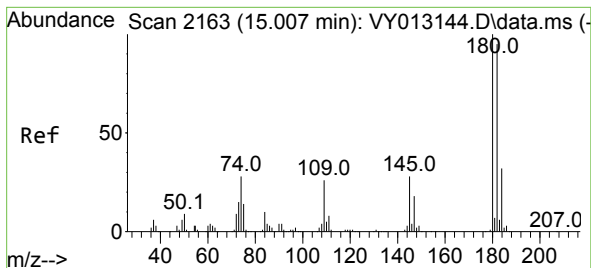
Ion Ratio Lower Upper

75 100

155 95.0 43.8 131.4

157 120.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.110 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

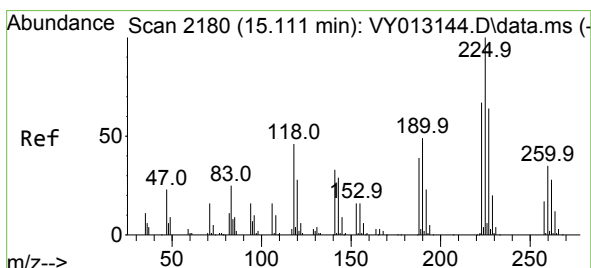
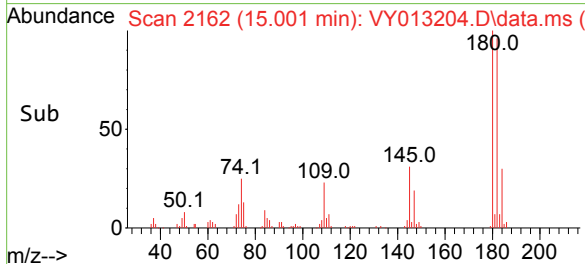
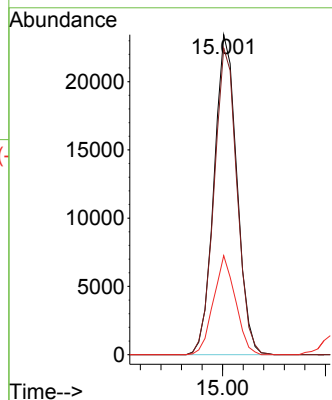
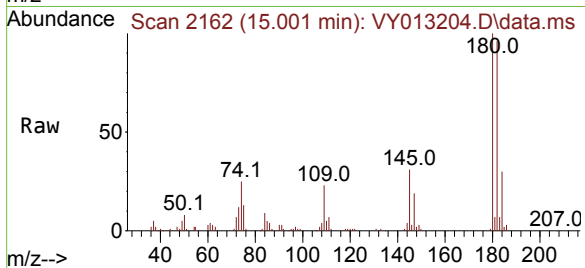
Tgt Ion:180 Resp: 36095

Ion Ratio Lower Upper

180 100

182 96.2 46.7 140.1

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.748 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

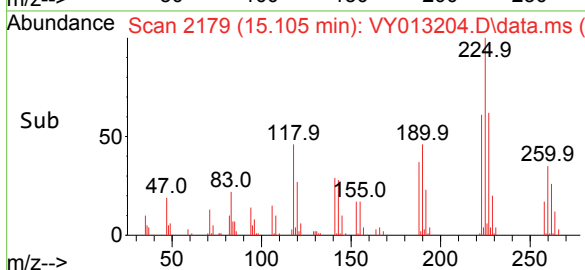
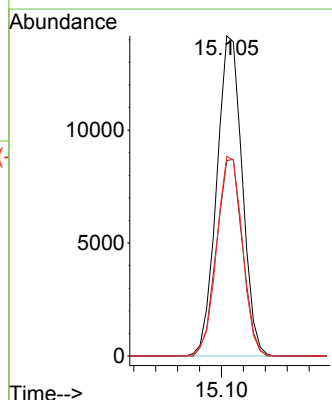
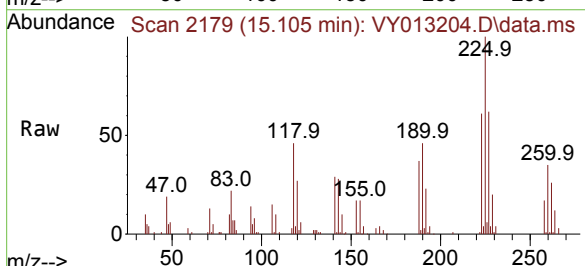
Tgt Ion:225 Resp: 22870

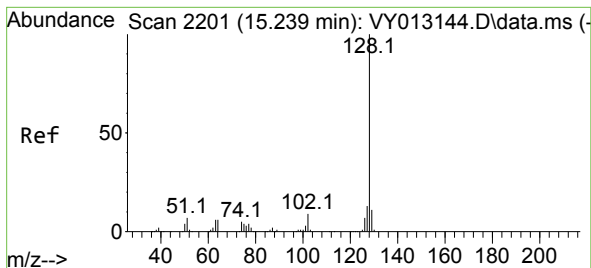
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.3

227 62.6 32.4 97.0





#95

Naphthalene

Concen: 20.091 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBS01

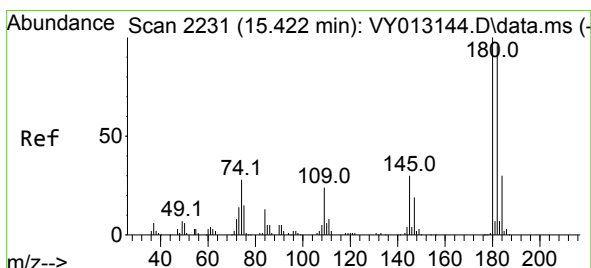
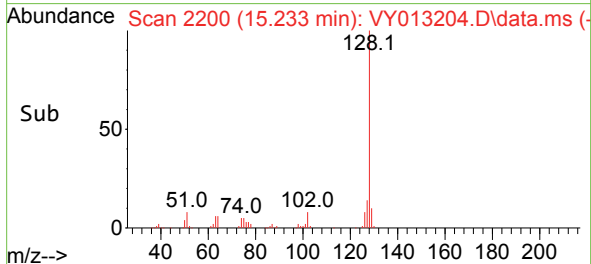
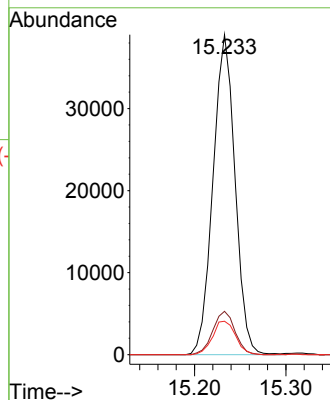
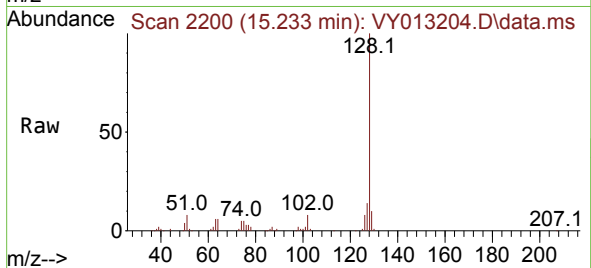
Tgt Ion:128 Resp: 65276

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.764 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY013204.D

Acq: 05 Apr 2023 12:09

Tgt Ion:180 Resp: 28267

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 31.4 15.3 45.8

