

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013146.D
 Acq On : 30 Mar 2023 12:06
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 31 03:58:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 03:45:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	220176	142.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 284.200%#	
35) Dibromofluoromethane	7.716	113	206332	146.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 292.040%#	
50) Toluene-d8	10.179	98	784734	147.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 294.220%#	
62) 4-Bromofluorobenzene	12.483	95	257880	148.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 297.040%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	198280	140.288	ug/l	100
3) Chloromethane	2.113	50	207023	140.457	ug/l	99
4) Vinyl Chloride	2.253	62	206353	139.639	ug/l	100
5) Bromomethane	2.631	94	138885	133.172	ug/l	93
6) Chloroethane	2.790	64	129607	140.012	ug/l	98
7) Trichlorofluoromethane	3.125	101	368353	140.054	ug/l	99
8) Diethyl Ether	3.527	74	122010	147.732	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	204692	141.165	ug/l	97
10) Methyl Iodide	4.088	142	299507	158.622	ug/l	99
11) Tert butyl alcohol	4.960	59	94280	675.105	ug/l	99
12) 1,1-Dichloroethene	3.869	96	206089	147.026	ug/l	98
13) Acrolein	3.729	56	142857	728.941	ug/l	100
14) Allyl chloride	4.479	41	370260	155.029	ug/l	98
15) Acrylonitrile	5.161	53	297381	724.622	ug/l	99
16) Acetone	3.942	43	350516	739.790	ug/l	98
17) Carbon Disulfide	4.192	76	667825	143.063	ug/l	99
18) Methyl Acetate	4.472	43	215201	144.148	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	556430	156.655	ug/l	99
20) Methylene Chloride	4.716	84	227554	149.850	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	228946	144.964	ug/l	99
22) Diisopropyl ether	6.118	45	691710	148.240	ug/l	98
23) Vinyl Acetate	6.058	43	2037783	767.964	ug/l	99
24) 1,1-Dichloroethane	6.015	63	399793	144.667	ug/l	99
25) 2-Butanone	6.984	43	437633	738.689	ug/l	99
26) 2,2-Dichloropropane	6.984	77	362976	146.029	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	253501	148.991	ug/l	99
28) Bromochloromethane	7.332	49	168647	142.221	ug/l	94
29) Tetrahydrofuran	7.344	42	258912	738.256	ug/l	98
30) Chloroform	7.508	83	407730	142.475	ug/l	100
31) Cyclohexane	7.783	56	364787	144.209	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	375038	148.224	ug/l	100
36) 1,1-Dichloropropene	7.917	75	322514	151.616	ug/l	99
37) Ethyl Acetate	7.076	43	178303	147.557	ug/l	100
38) Carbon Tetrachloride	7.905	117	349523	148.918	ug/l	99
39) Methylcyclohexane	9.185	83	399198	159.962	ug/l	99
40) Benzene	8.161	78	905057	147.310	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	246848	420.528	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	275317	146.262	ug/l	100
43) Isopropyl Acetate	8.271	43	336948	155.781	ug/l	98
44) Trichloroethene	8.941	130	251832	148.897	ug/l	97
45) 1,2-Dichloropropane	9.215	63	225470	146.554	ug/l	99
46) Dibromomethane	9.307	93	127551	144.322	ug/l	96
47) Bromodichloromethane	9.496	83	316073	148.217	ug/l	99
48) Methyl methacrylate	9.295	41	163193	162.002	ug/l	99
49) 1,4-Dioxane	9.301	88	31536	2999.415	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	870432	745.660	ug/l	99
52) Toluene	10.246	92	570961	149.815	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	336689	154.466	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	377538	151.659	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	174756	143.048	ug/l	98
56) Ethyl methacrylate	10.508	69	249729	162.585	ug/l	99
57) 1,3-Dichloropropane	10.788	76	301852	146.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	538506	749.794	ug/l	98
59) 2-Hexanone	10.831	43	646100	765.302	ug/l	98
60) Dibromochloromethane	10.983	129	225986	147.281	ug/l	100
61) 1,2-Dibromoethane	11.087	107	172575	145.795	ug/l	100
64) Tetrachloroethene	10.721	164	220216	148.047	ug/l	99
65) Chlorobenzene	11.514	112	605001	147.291	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	226789	147.275	ug/l	99
67) Ethyl Benzene	11.593	91	1091355	153.838	ug/l	100
68) m/p-Xylenes	11.703	106	845484	308.088	ug/l	100
69) o-Xylene	12.032	106	398896	156.708	ug/l	98
70) Styrene	12.044	104	664663	156.094	ug/l	99
71) Bromoform	12.209	173	142719	149.463	ug/l	98
73) Isopropylbenzene	12.331	105	1046335	161.780	ug/l	100
74) N-amyl acetate	12.142	43	294565	165.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	197250	145.598	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	265576	252.378	ug/l #	100
77) Bromobenzene	12.611	156	248918	154.801	ug/l	96
78) n-propylbenzene	12.672	91	1257805	158.170	ug/l	100
79) 2-Chlorotoluene	12.758	91	704266	156.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	852716	157.698	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	73856	156.482	ug/l	98
82) 4-Chlorotoluene	12.855	91	728290	155.078	ug/l	99
83) tert-Butylbenzene	13.075	119	748086	161.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	843299	159.250	ug/l	100
85) sec-Butylbenzene	13.251	105	1103948	157.421	ug/l	100
86) p-Isopropyltoluene	13.367	119	922091	159.722	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	473357	148.503	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	472560	147.947	ug/l	99
89) n-Butylbenzene	13.696	91	866153	160.490	ug/l	99
90) Hexachloroethane	13.959	117	183305	152.417	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	425025	149.304	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33423	148.261	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	275655	166.049	ug/l	99
94) Hexachlorobutadiene	15.111	225	155867	152.665	ug/l	99
95) Naphthalene	15.233	128	555526	151.004	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	241105	164.846	ug/l	99

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QLast Update : Fri Mar 31 03:45:49 2023
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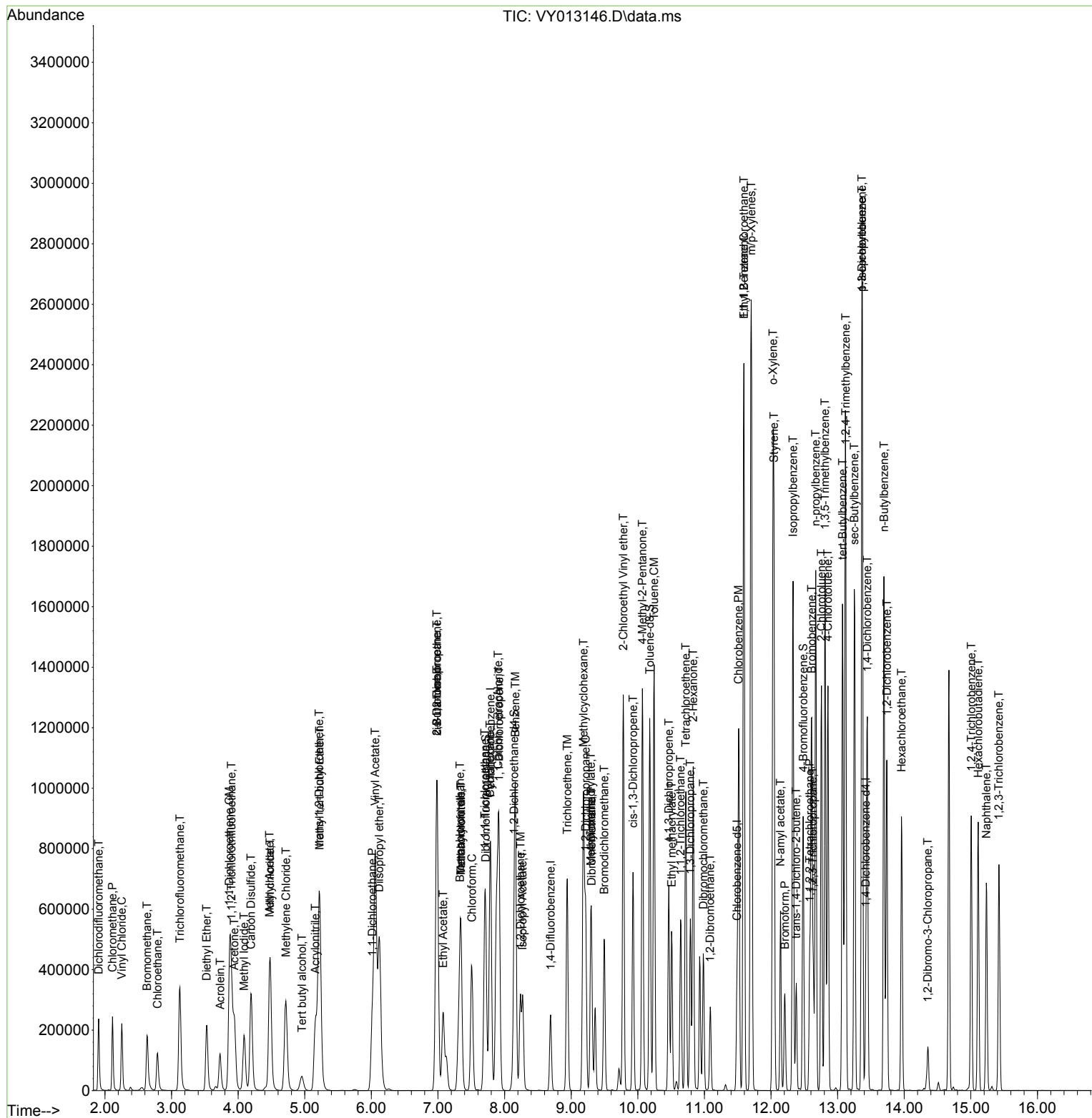
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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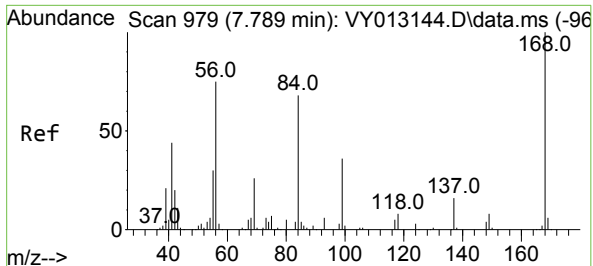
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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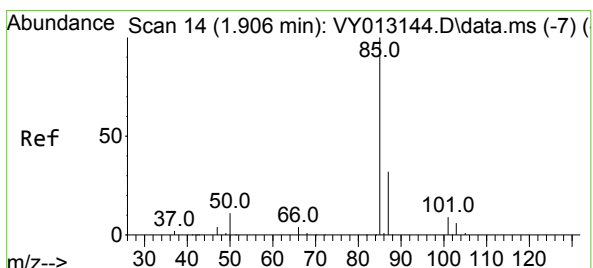
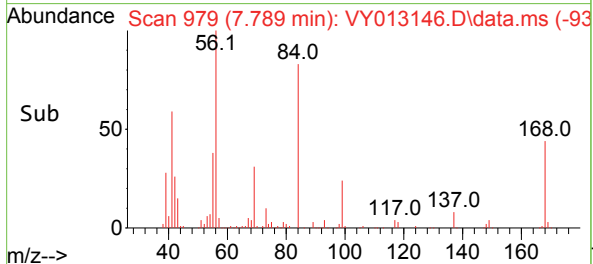
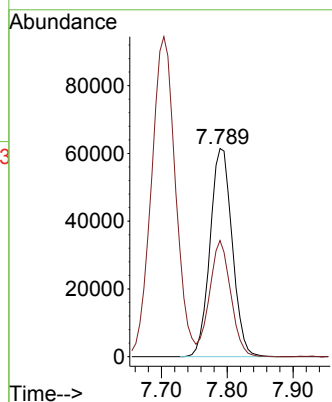
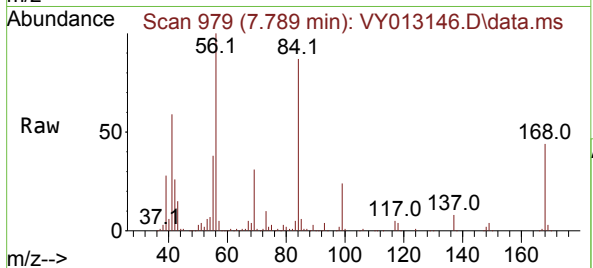




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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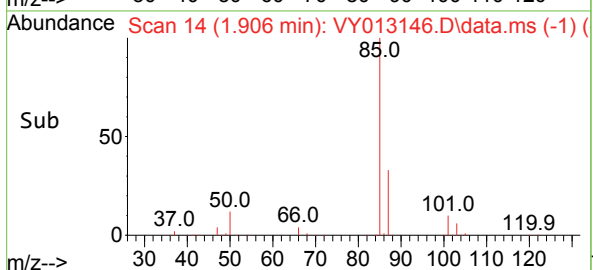
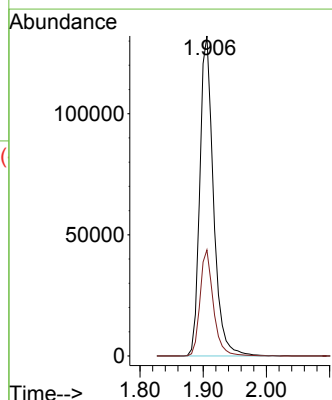
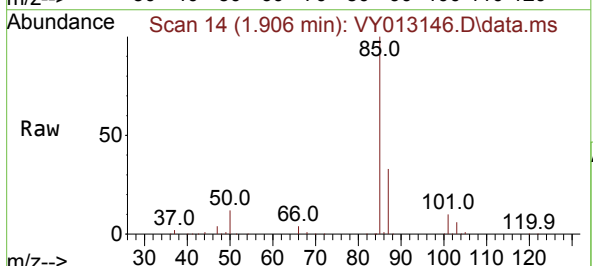
Instrument :
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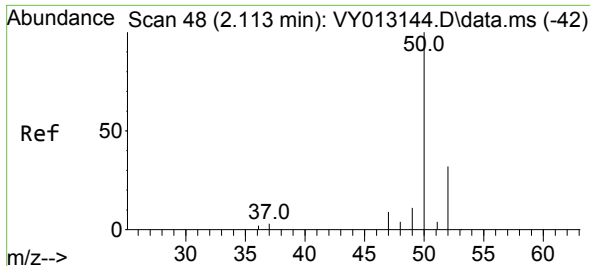
Tgt Ion:168 Resp: 144179
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 140.288 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 85 Resp: 198280
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0

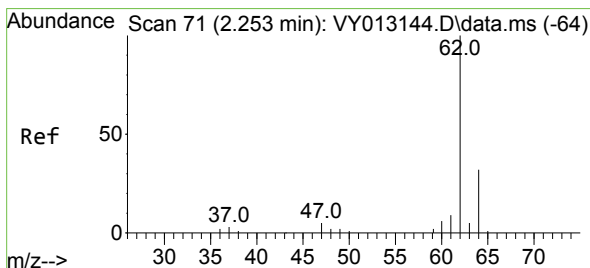
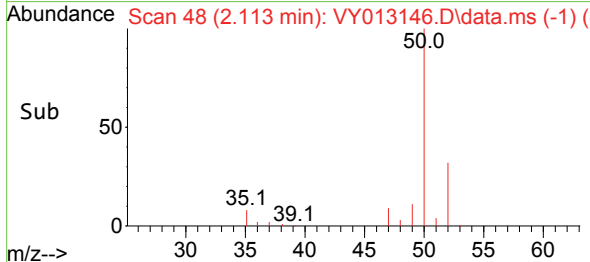
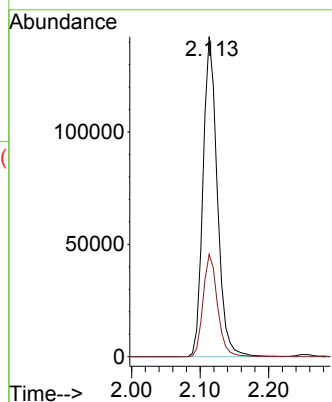
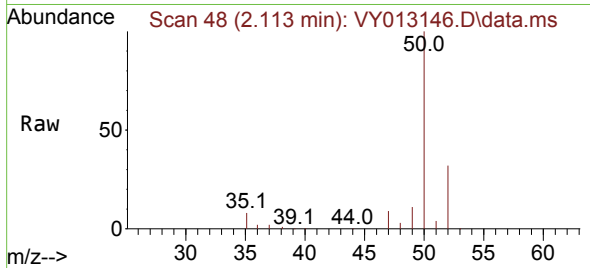




#3
Chloromethane
Concen: 140.457 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

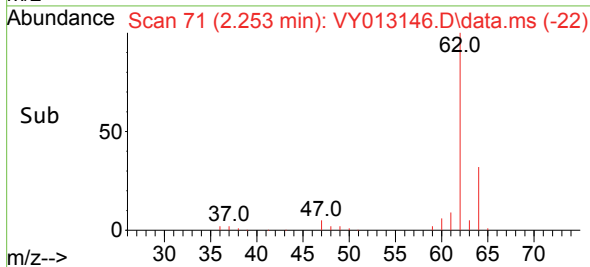
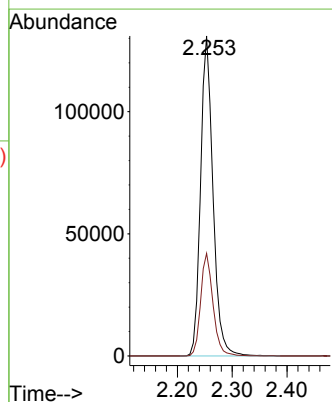
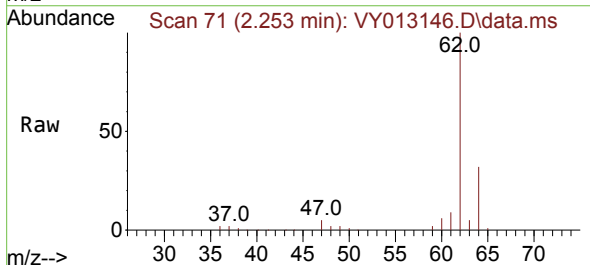
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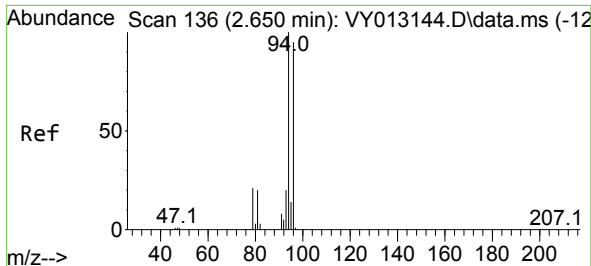
Tgt Ion: 50 Resp: 207023
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 139.639 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 62 Resp: 206353
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4

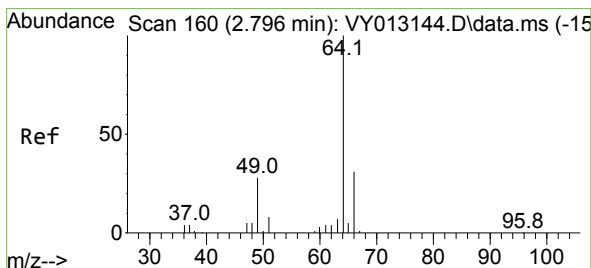
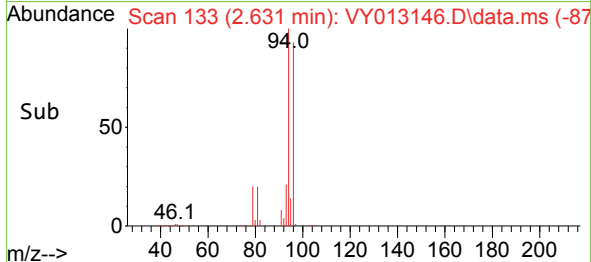
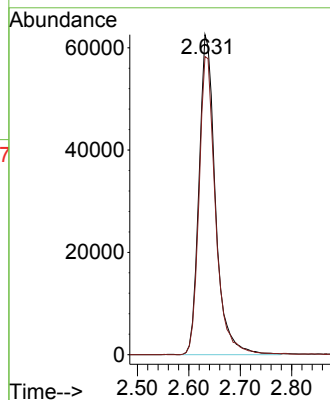
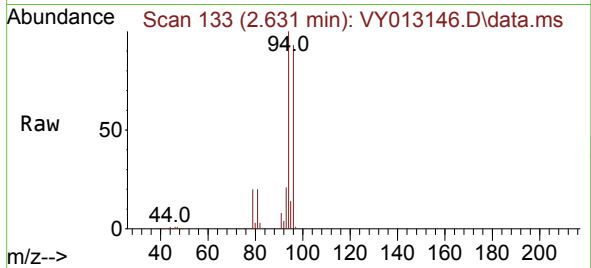




#5
Bromomethane
Concen: 133.172 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.018 min
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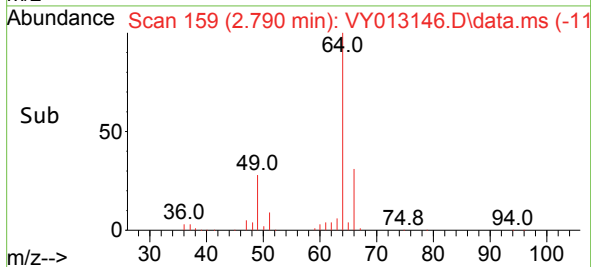
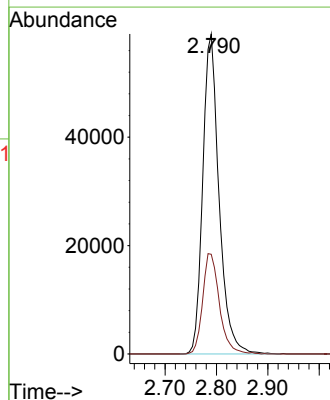
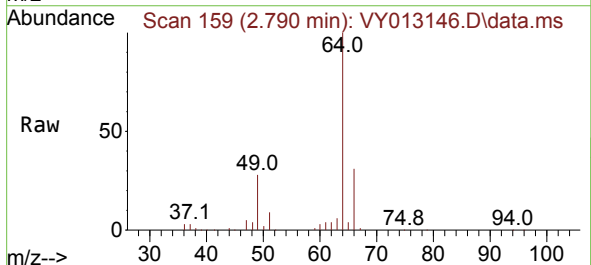
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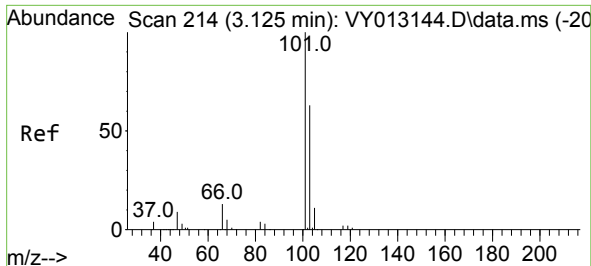
Tgt Ion: 94 Resp: 138885
Ion Ratio Lower Upper
94 100
96 93.2 80.3 120.5



#6
Chloroethane
Concen: 140.012 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 129607
Ion Ratio Lower Upper
64 100
66 31.2 25.7 38.5

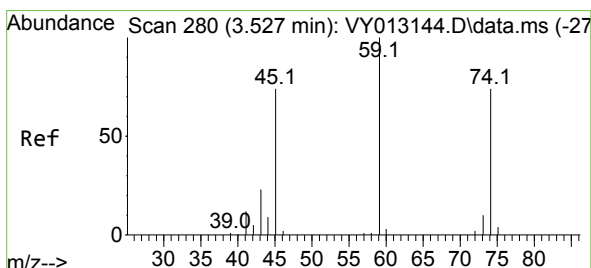
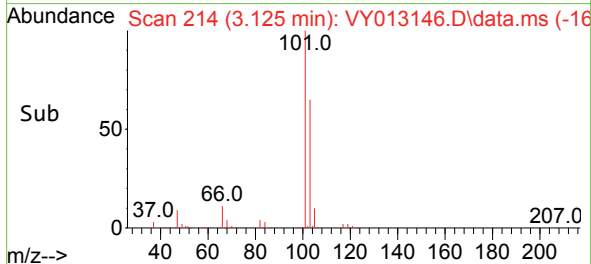
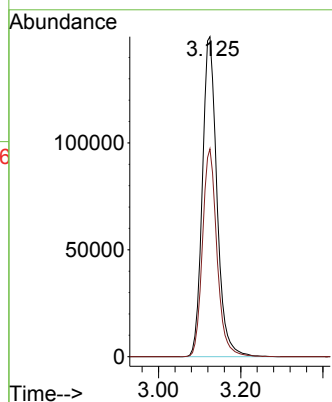
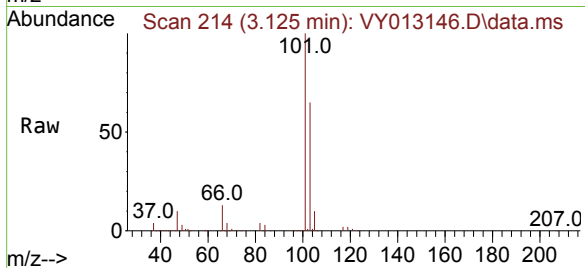




#7
 Trichlorofluoromethane
 Concen: 140.054 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

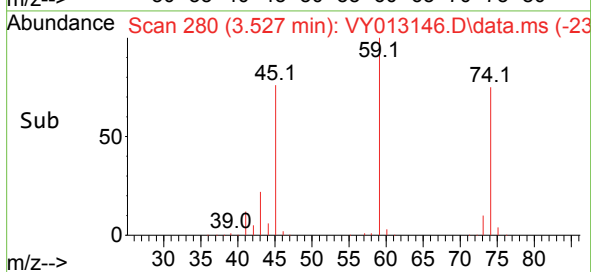
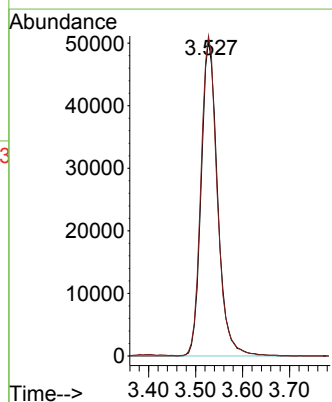
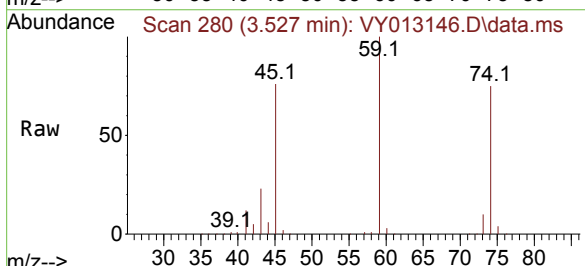
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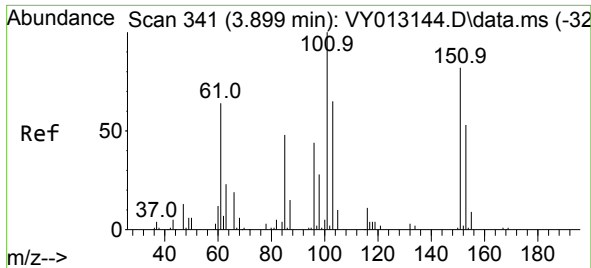
Tgt Ion:101 Resp: 368353
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 147.732 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 122010
 Ion Ratio Lower Upper
 74 100
 45 101.9 52.1 156.4

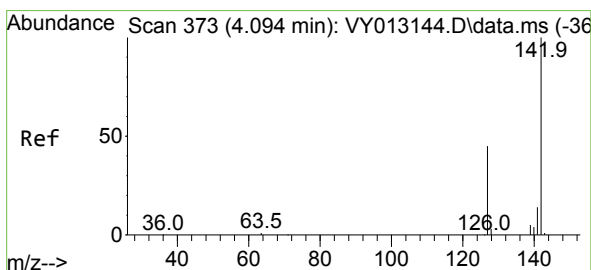
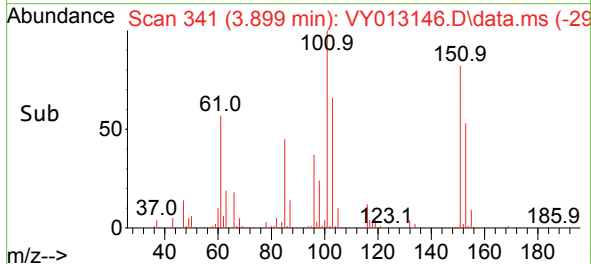
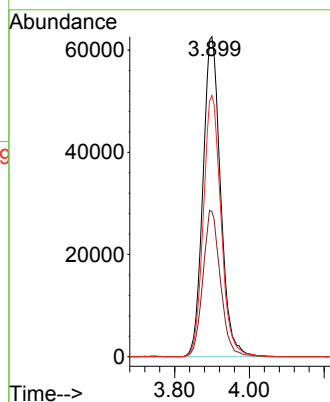
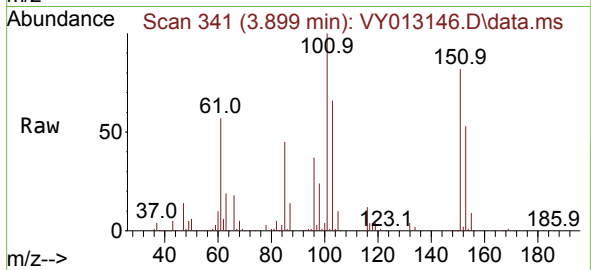




#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.165 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

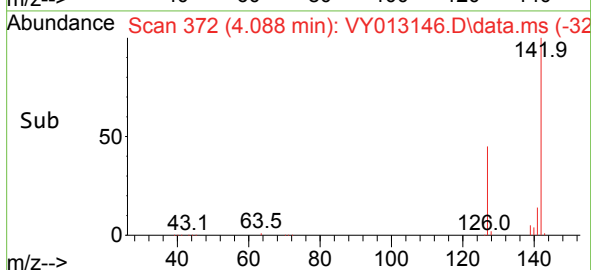
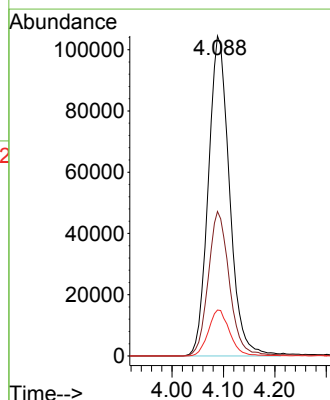
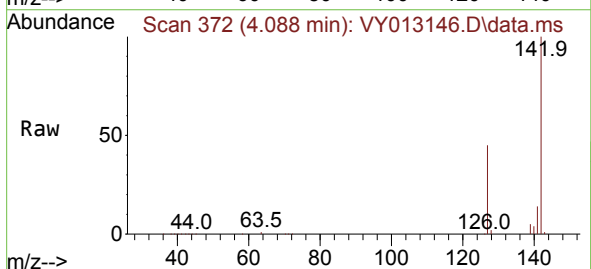
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

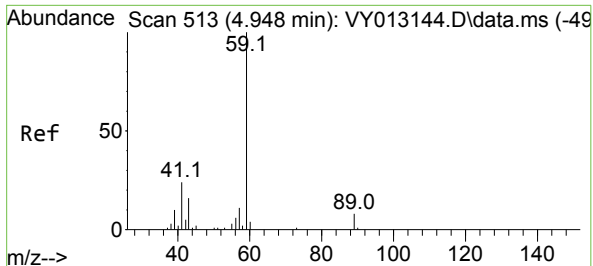
Tgt Ion:101 Resp: 204692
Ion Ratio Lower Upper
101 100
85 45.4 35.3 52.9
151 81.9 63.1 94.7



#10
Methyl Iodide
Concen: 158.622 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion:142 Resp: 299507
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.2
141 14.5 11.3 16.9





#11

Tert butyl alcohol

Concen: 675.105 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

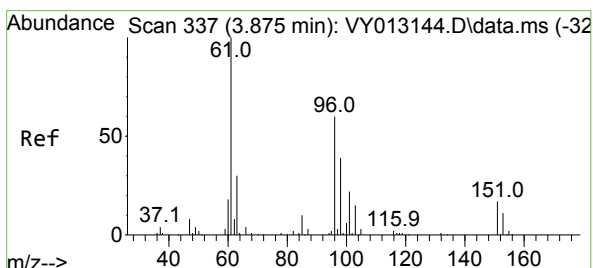
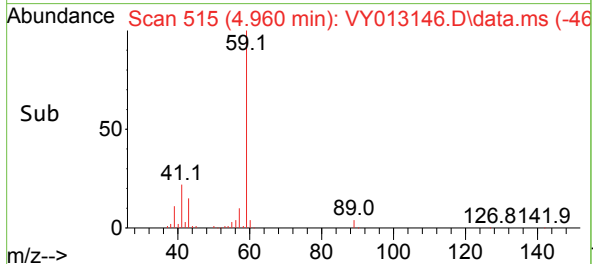
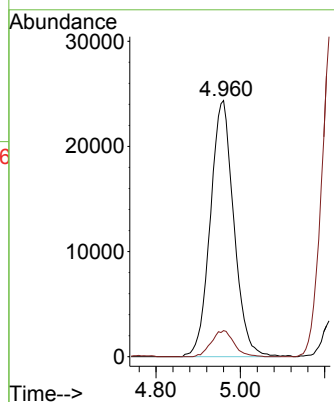
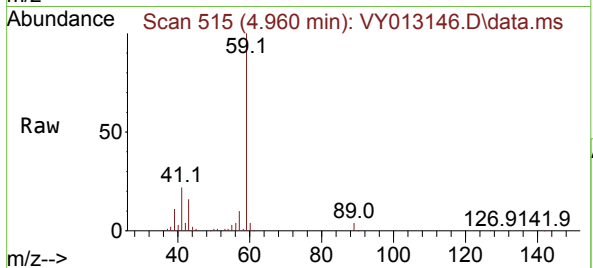
VSTDIC150

Tgt Ion: 59 Resp: 94280

Ion Ratio Lower Upper

59 100

57 9.8 7.7 11.5



#12

1,1-Dichloroethene

Concen: 147.026 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

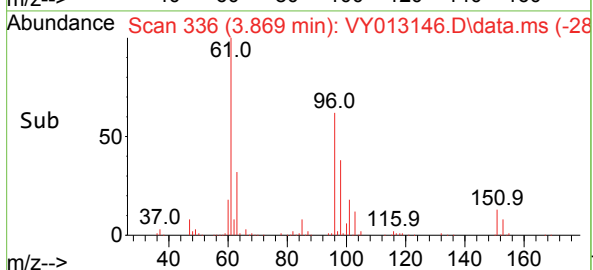
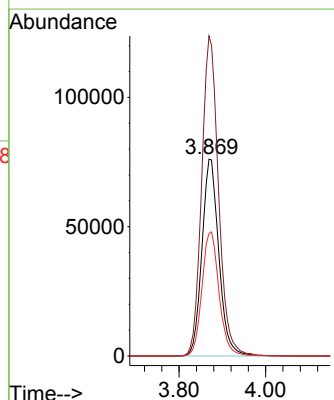
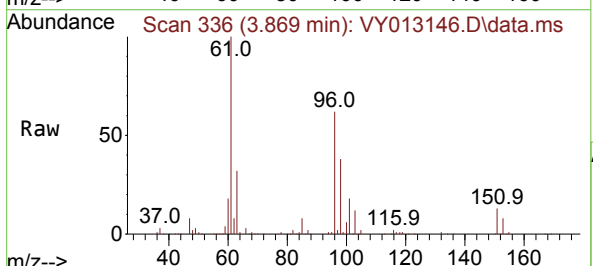
Tgt Ion: 96 Resp: 206089

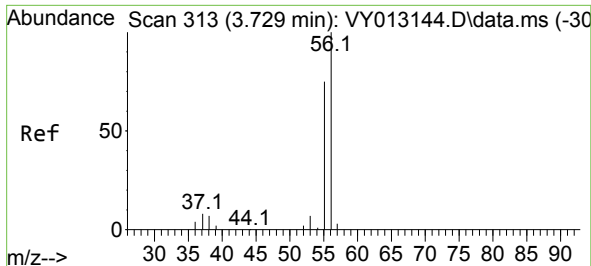
Ion Ratio Lower Upper

96 100

61 162.6 131.7 197.5

98 62.2 52.0 78.0





#13

Acrolein

Concen: 728.941 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

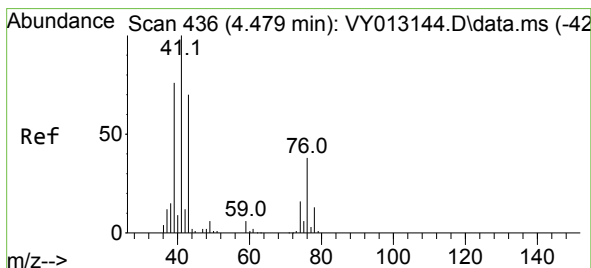
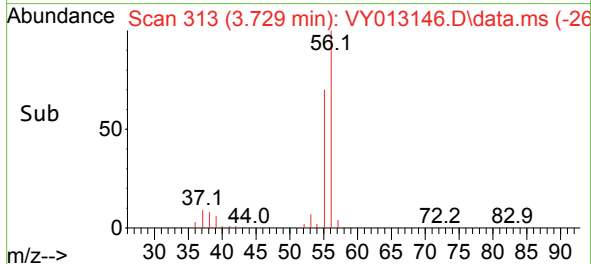
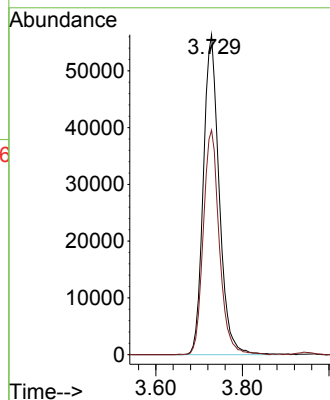
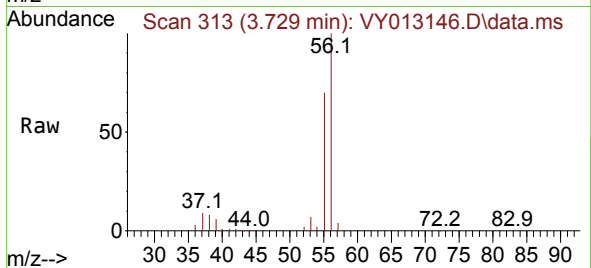
VSTDIC150

Tgt Ion: 56 Resp: 142857

Ion Ratio Lower Upper

56 100

55 70.9 56.8 85.2



#14

Allyl chloride

Concen: 155.029 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

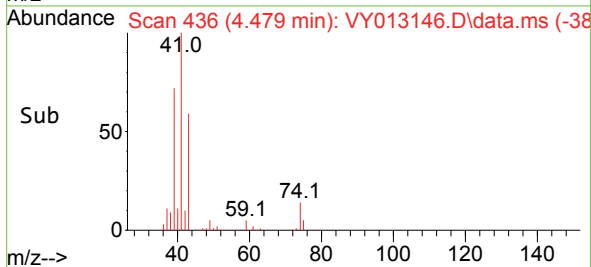
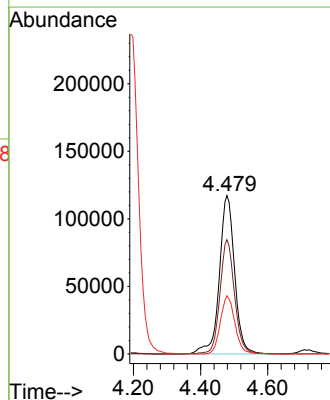
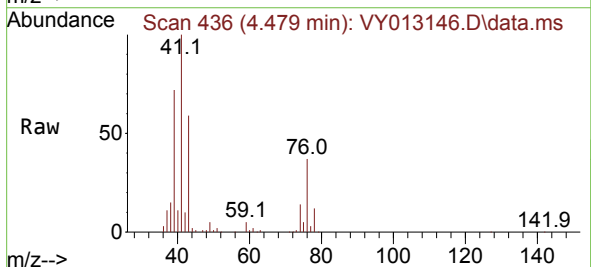
Tgt Ion: 41 Resp: 370260

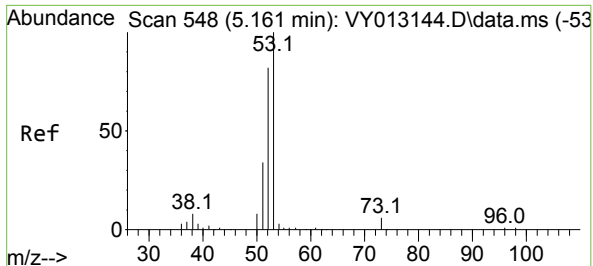
Ion Ratio Lower Upper

41 100

39 68.8 53.6 80.4

76 34.8 27.2 40.8

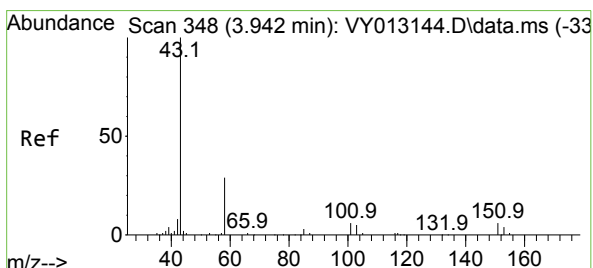
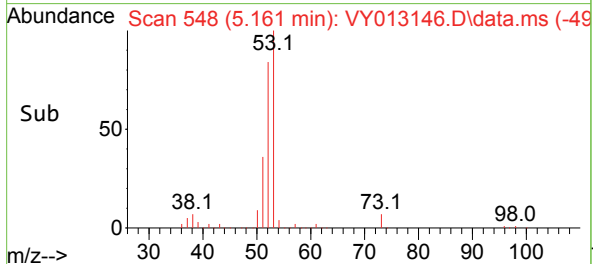
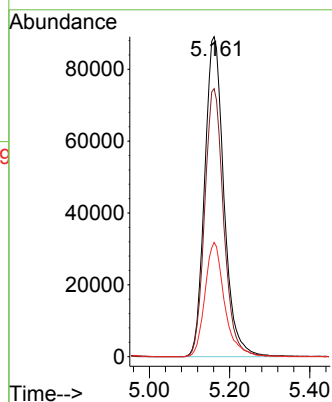
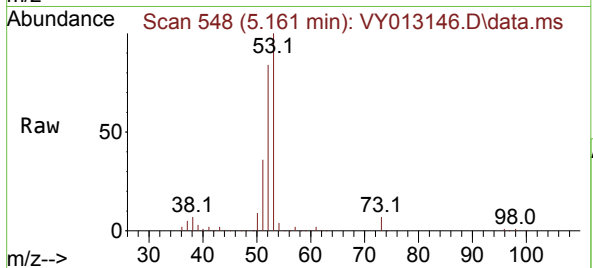




#15
Acrylonitrile
Concen: 724.622 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

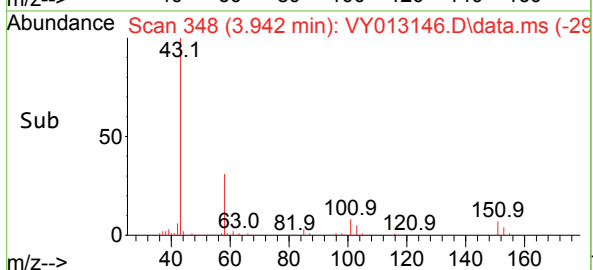
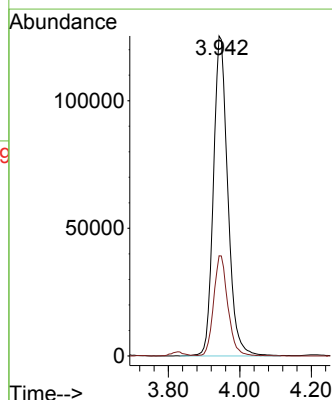
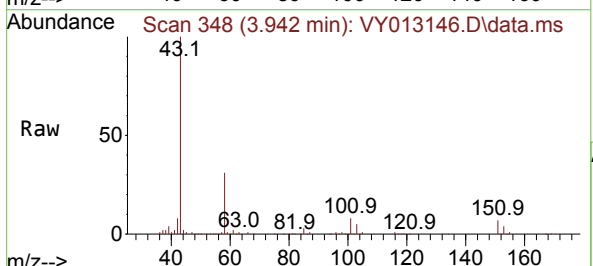
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

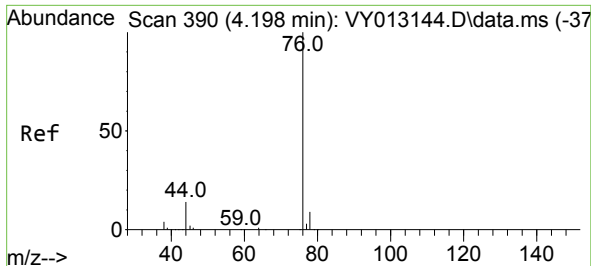
Tgt Ion: 53 Resp: 297381
Ion Ratio Lower Upper
53 100
52 82.3 66.3 99.5
51 36.4 28.8 43.2



#16
Acetone
Concen: 739.790 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 43 Resp: 350516
Ion Ratio Lower Upper
43 100
58 31.2 24.2 36.2

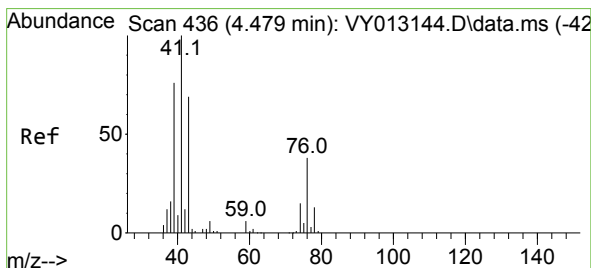
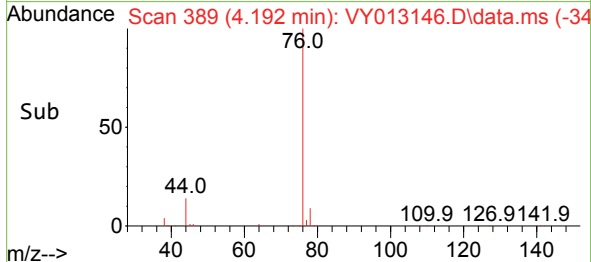
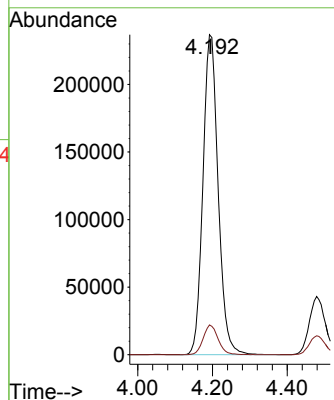
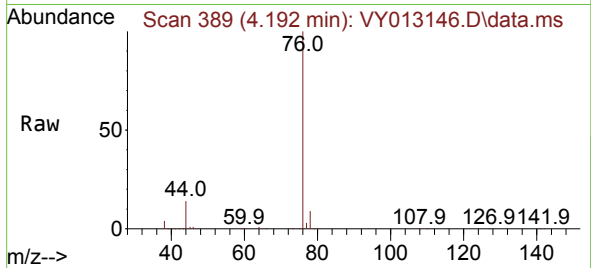




#17
Carbon Disulfide
Concen: 143.063 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

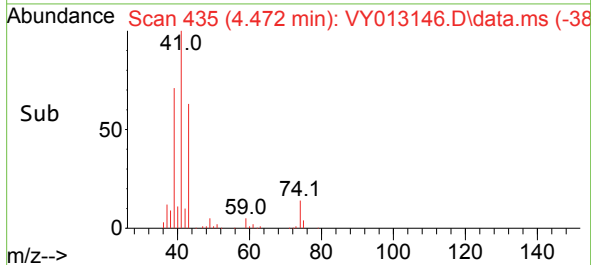
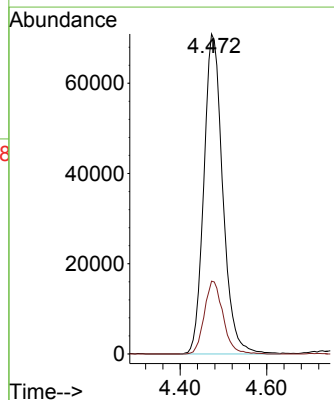
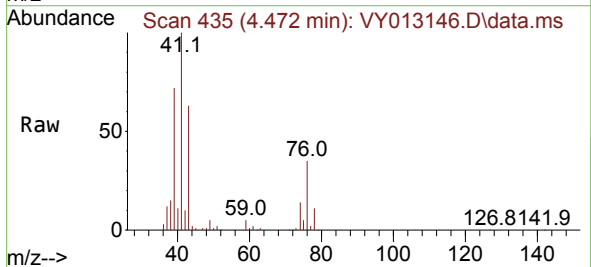
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

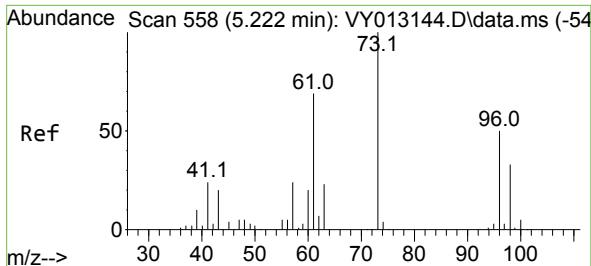
Tgt Ion: 76 Resp: 667825
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 144.148 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 43 Resp: 215201
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0

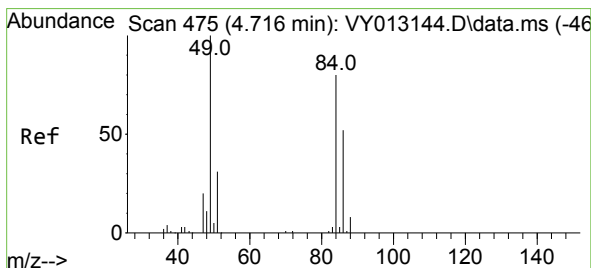
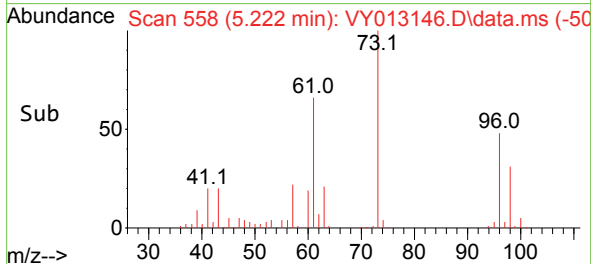
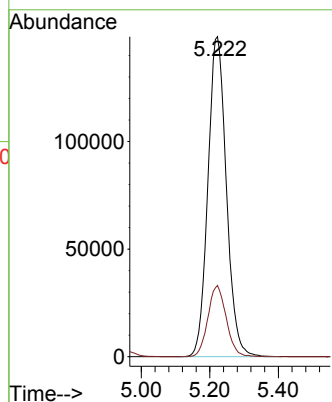
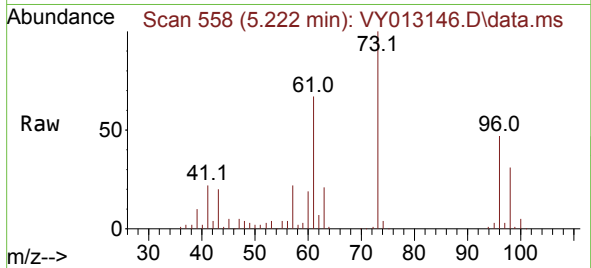




#19
Methyl tert-butyl Ether
Concen: 156.655 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

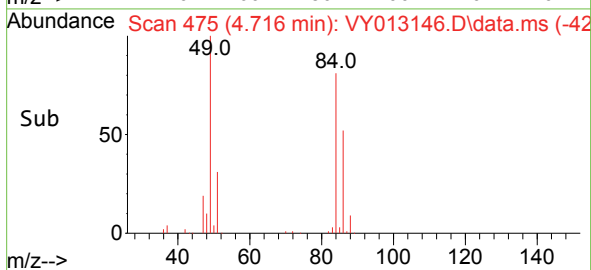
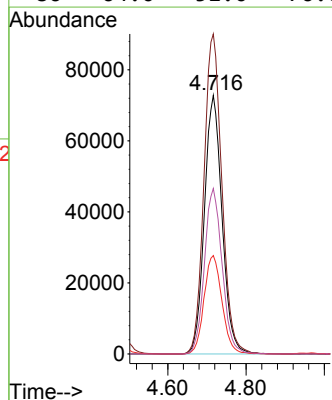
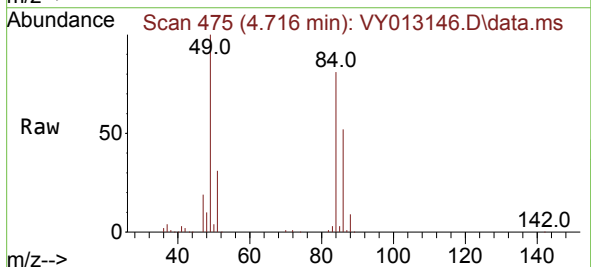
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

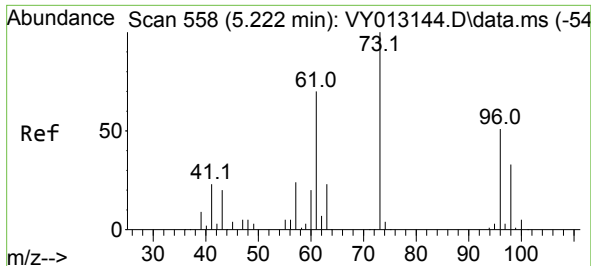
Tgt Ion: 73 Resp: 556430
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5



#20
Methylene Chloride
Concen: 149.850 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 84 Resp: 227554
Ion Ratio Lower Upper
84 100
49 123.8 102.6 154.0
51 38.1 31.9 47.9
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 144.964 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

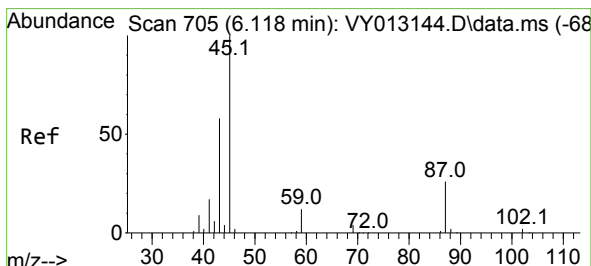
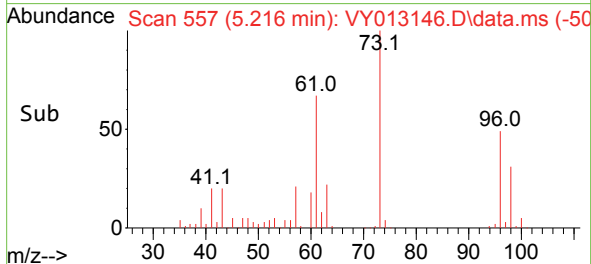
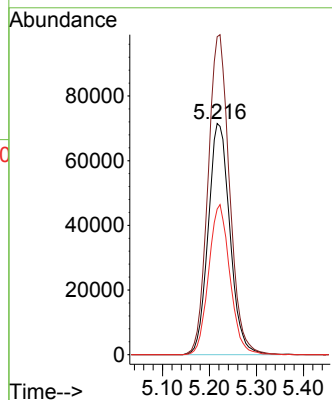
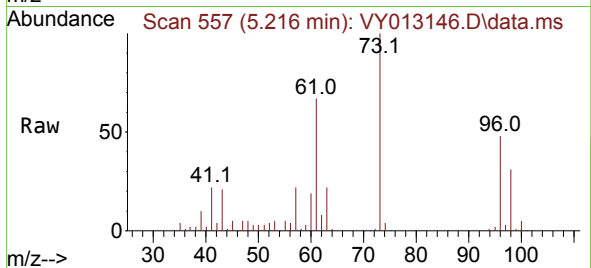
Tgt Ion: 96 Resp: 228946

Ion Ratio Lower Upper

96 100

61 137.5 111.4 167.0

98 63.0 50.8 76.2



#22

Diisopropyl ether

Concen: 148.240 ug/l

RT: 6.118 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Tgt Ion: 45 Resp: 691710

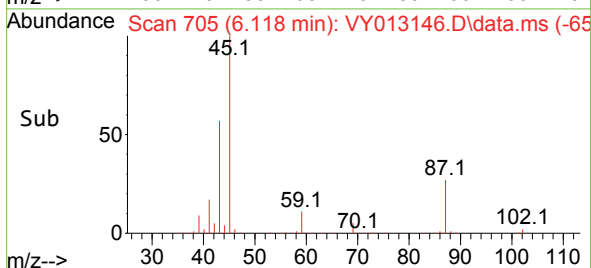
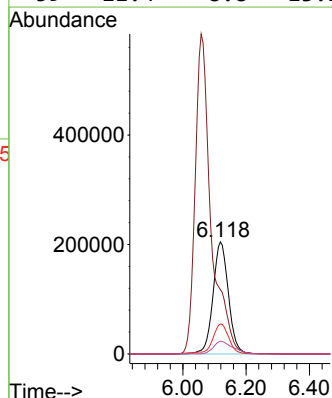
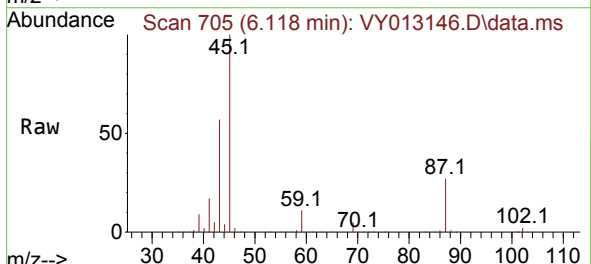
Ion Ratio Lower Upper

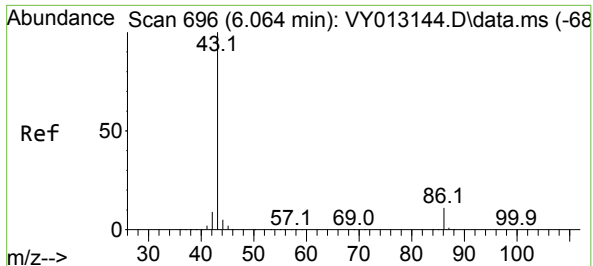
45 100

43 57.3 45.0 67.6

87 26.7 20.3 30.5

59 11.4 8.8 13.2

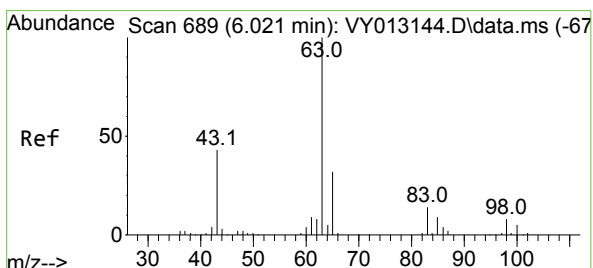
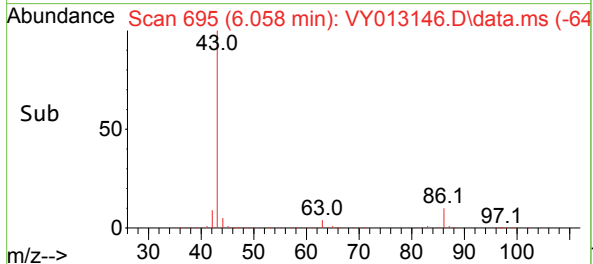
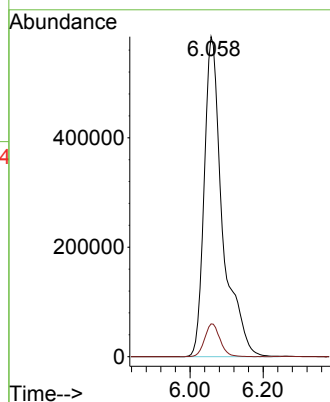
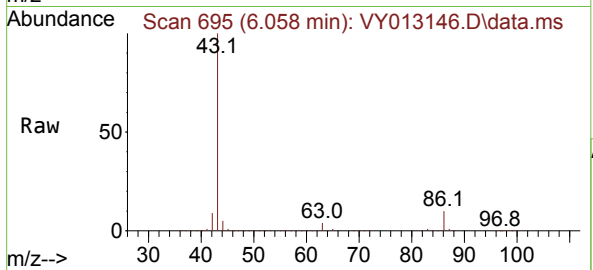




#23
 Vinyl Acetate
 Concen: 767.964 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

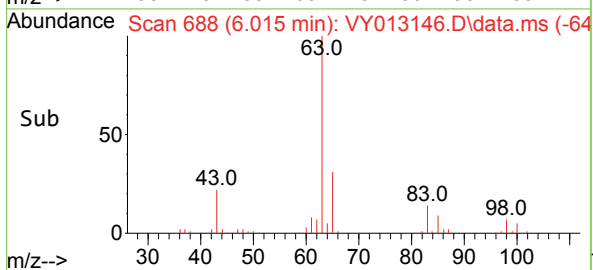
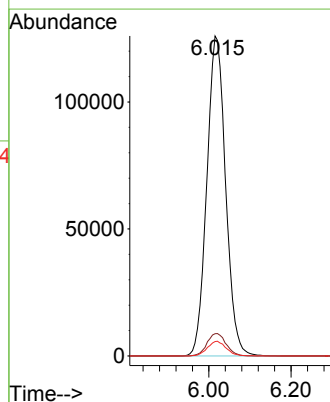
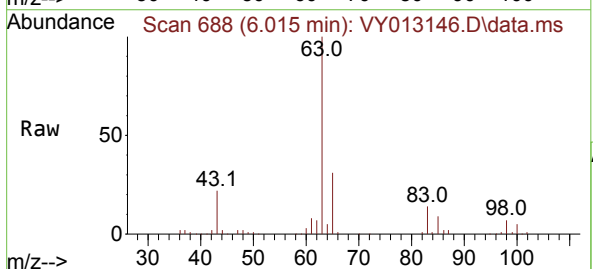
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

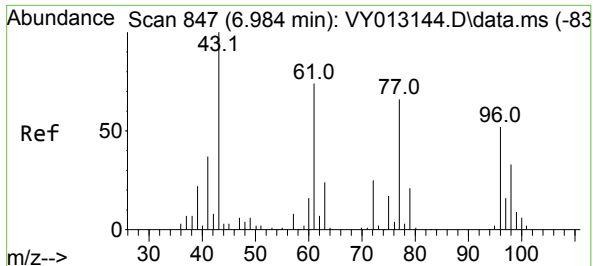
Tgt Ion: 43 Resp: 2037783
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 144.667 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

Tgt Ion: 63 Resp: 399793
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 738.689 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

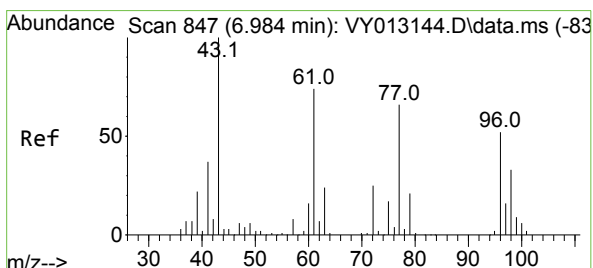
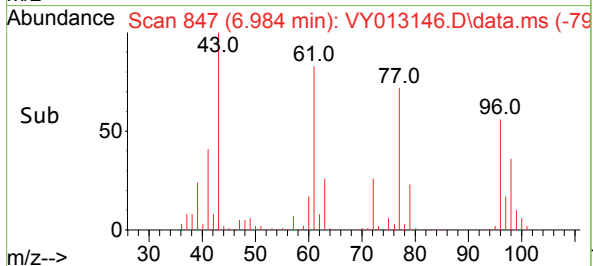
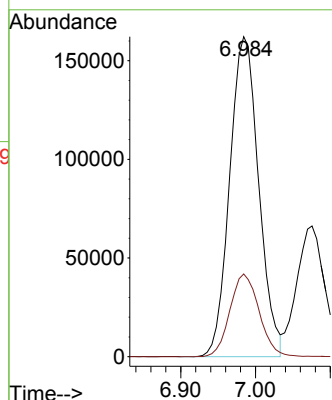
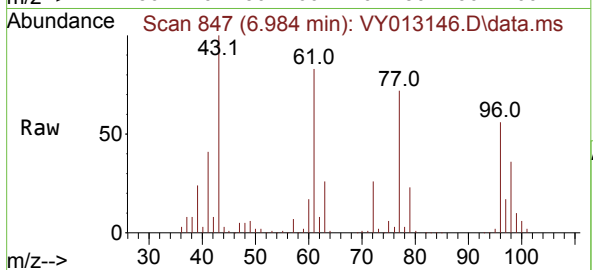
VSTDIC150

Tgt Ion: 43 Resp: 437633

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 146.029 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013146.D

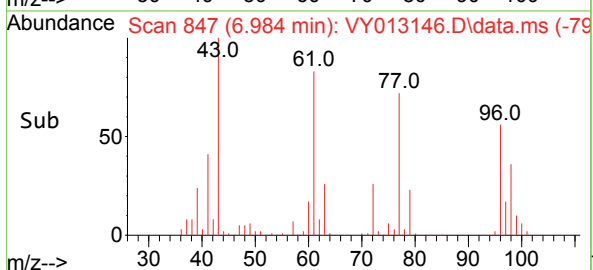
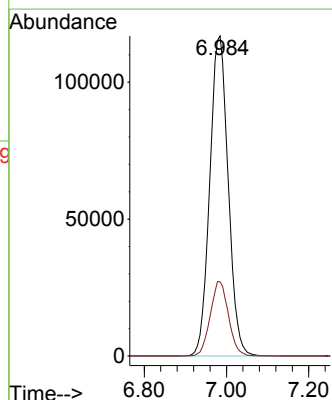
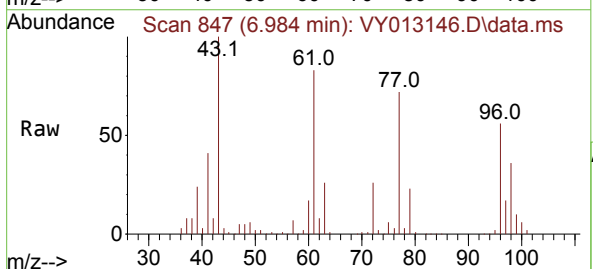
Acq: 30 Mar 2023 12:06

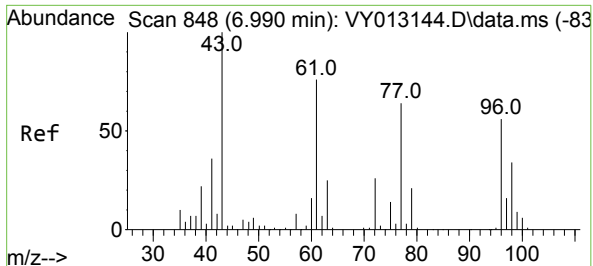
Tgt Ion: 77 Resp: 362976

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 148.991 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

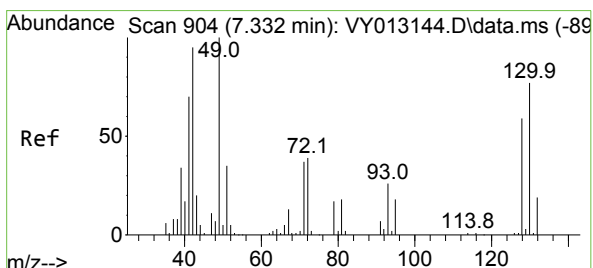
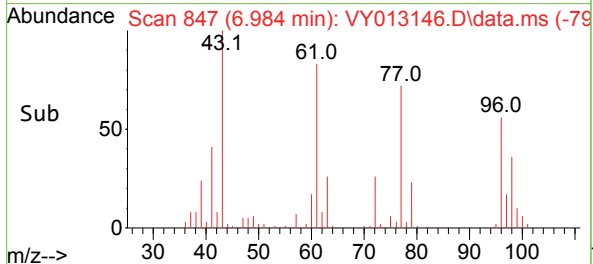
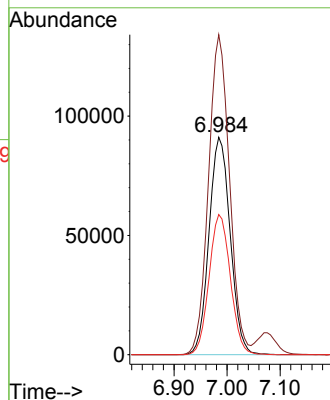
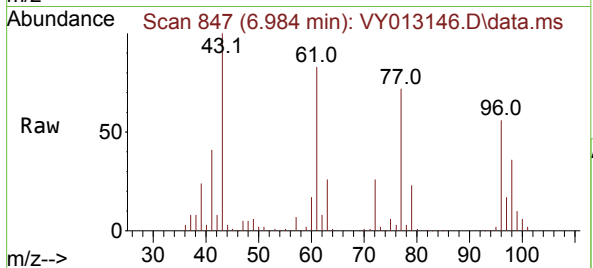
Tgt Ion: 96 Resp: 253501

Ion Ratio Lower Upper

96 100

61 145.8 0.0 295.8

98 64.7 0.0 130.2



#28

Bromochloromethane

Concen: 142.221 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

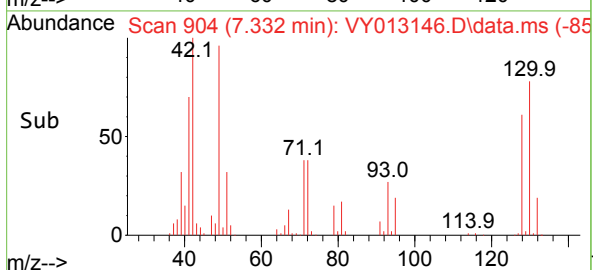
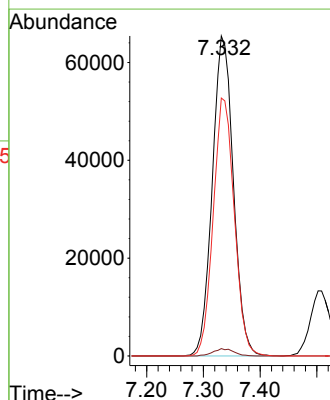
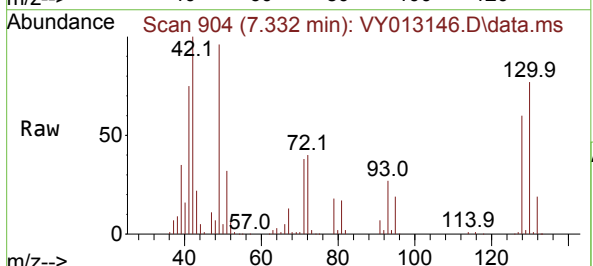
Tgt Ion: 49 Resp: 168647

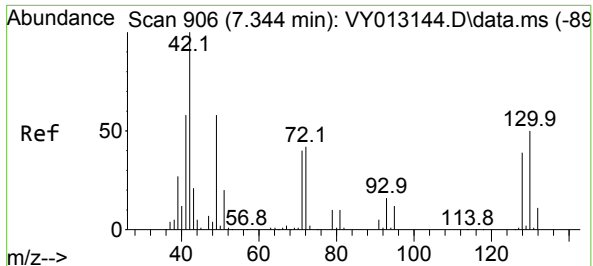
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 80.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 738.256 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

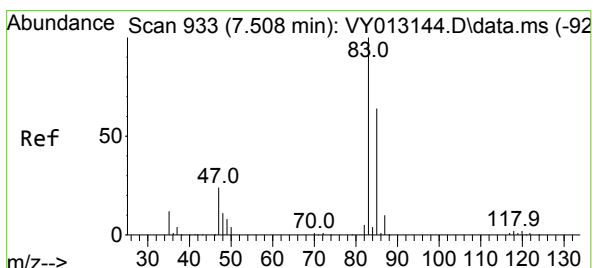
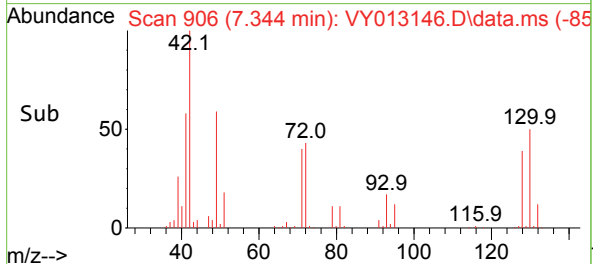
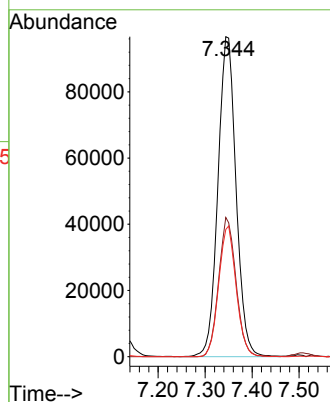
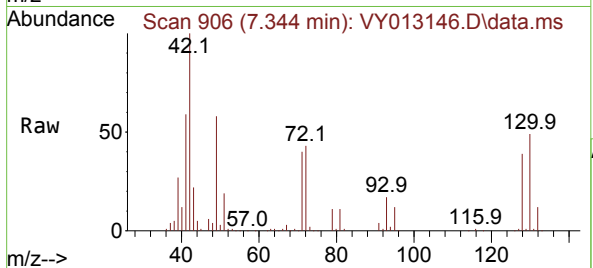
Tgt Ion: 42 Resp: 258912

Ion Ratio Lower Upper

42 100

72 41.8 32.3 48.5

71 39.5 30.3 45.5



#30

Chloroform

Concen: 142.475 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013146.D

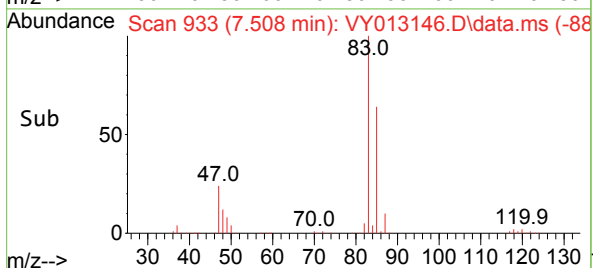
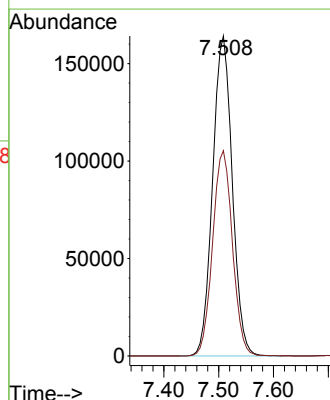
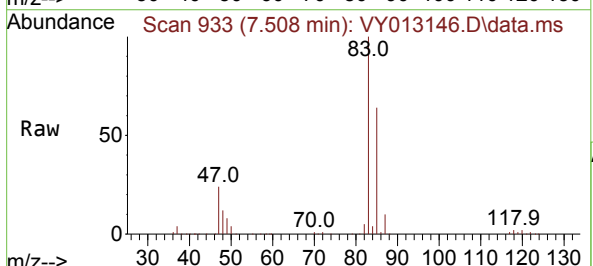
Acq: 30 Mar 2023 12:06

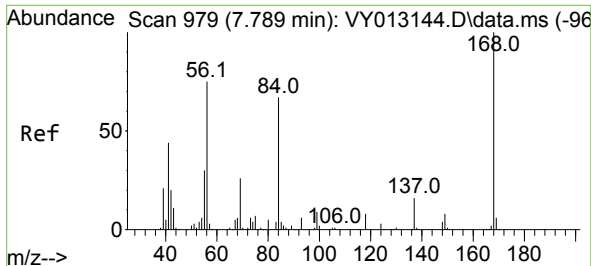
Tgt Ion: 83 Resp: 407730

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

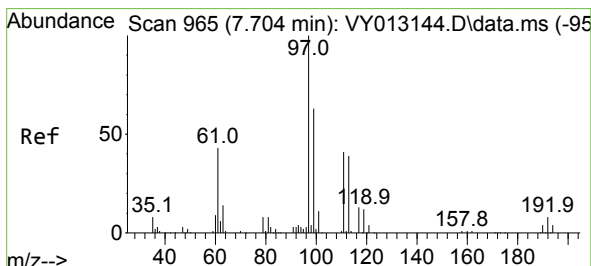
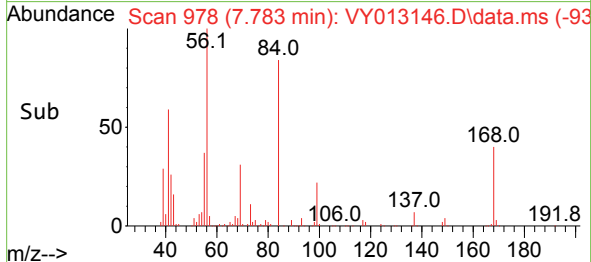
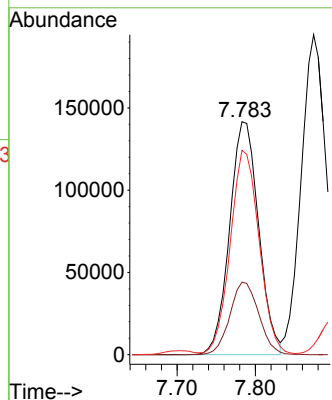
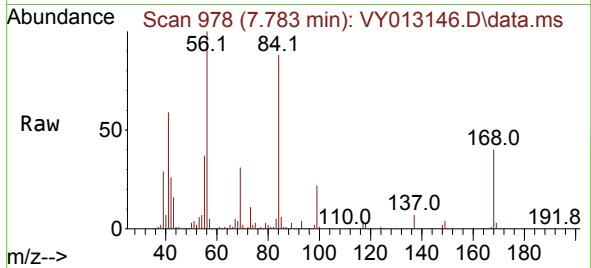




#31
Cyclohexane
Concen: 144.209 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

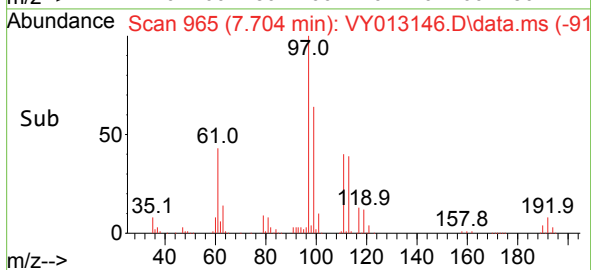
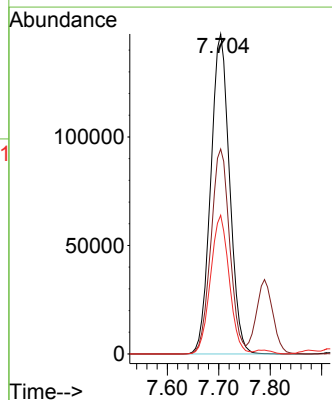
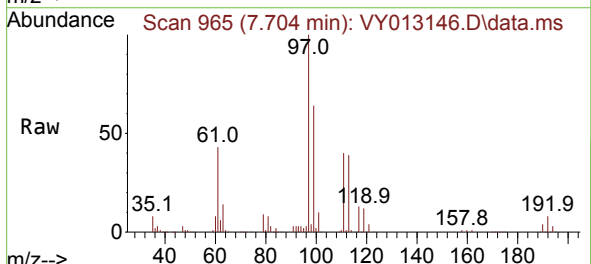
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

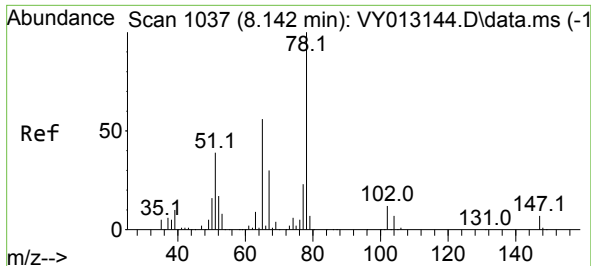
Tgt Ion: 56 Resp: 364787
Ion Ratio Lower Upper
56 100
69 31.1 25.7 38.5
84 85.9 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 148.224 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 97 Resp: 375038
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 43.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 142.098 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

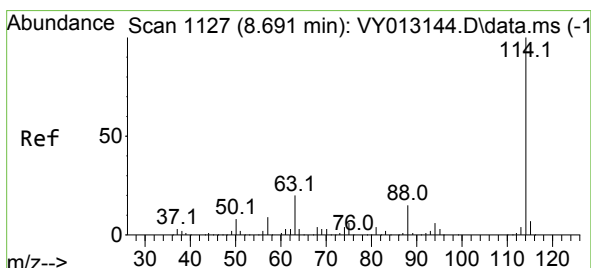
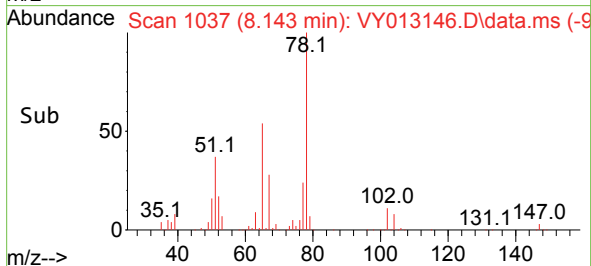
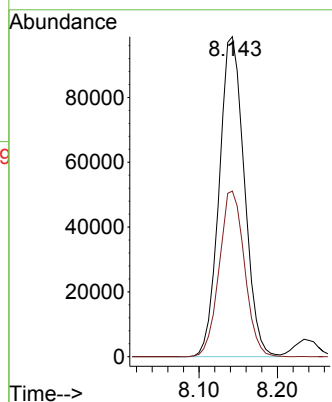
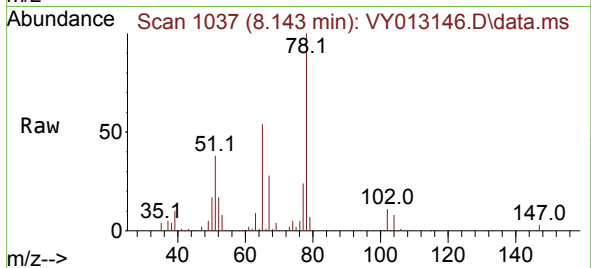
VSTDIC150

Tgt Ion: 65 Resp: 220176

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

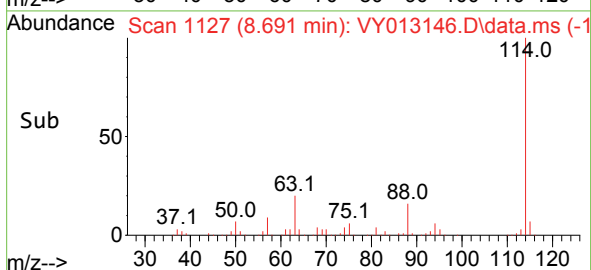
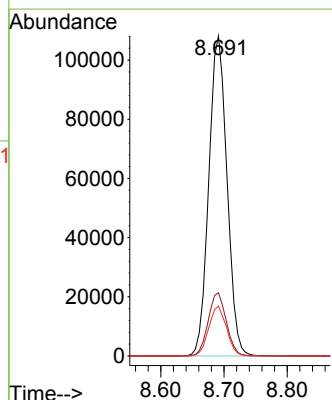
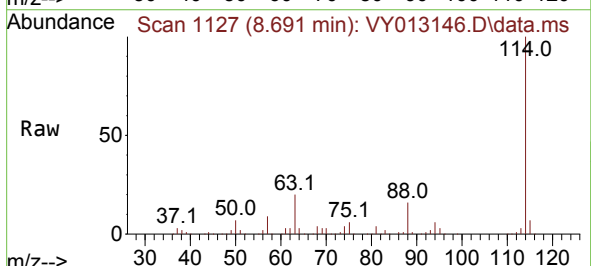
Tgt Ion: 114 Resp: 216298

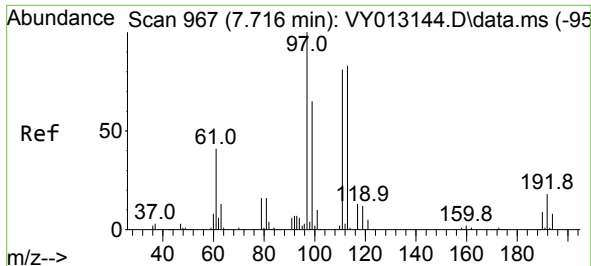
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.6 0.0 28.6

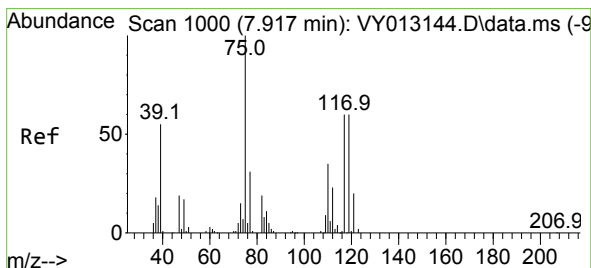
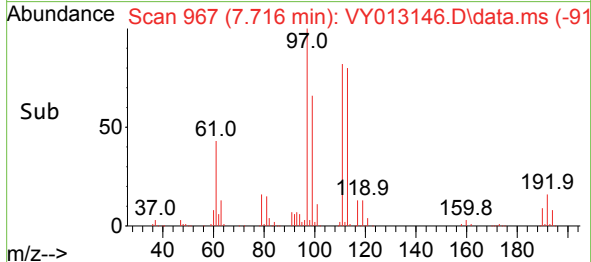
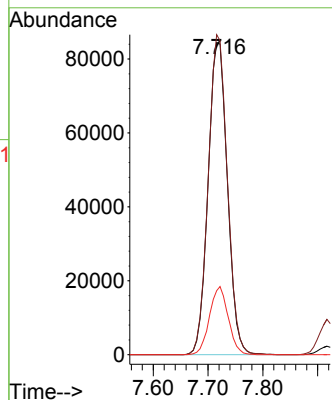
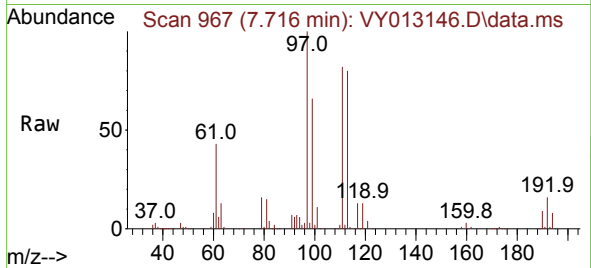




#35
 Dibromofluoromethane
 Concen: 146.024 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

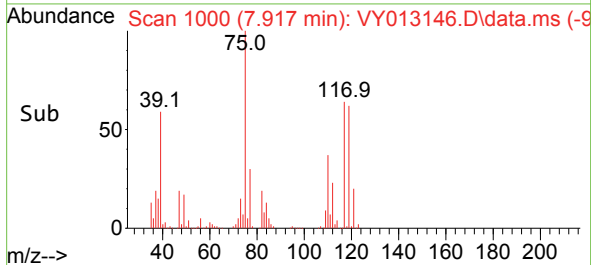
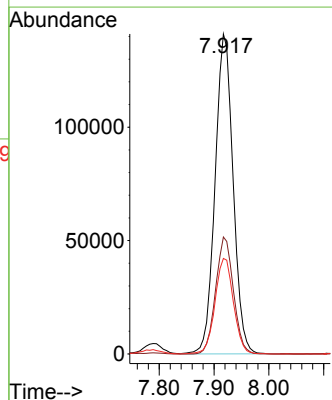
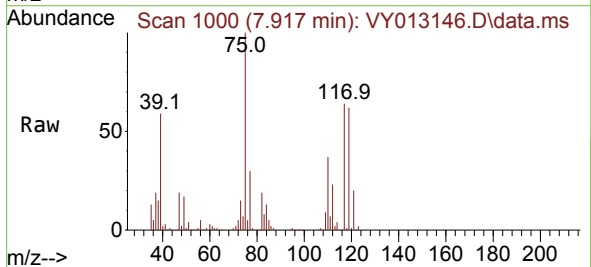
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

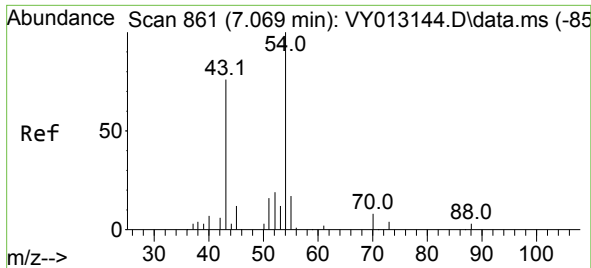
Tgt Ion:113 Resp: 206332
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 21.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 151.616 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

Tgt Ion: 75 Resp: 322514
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.8 53.3
 77 30.6 25.0 37.4

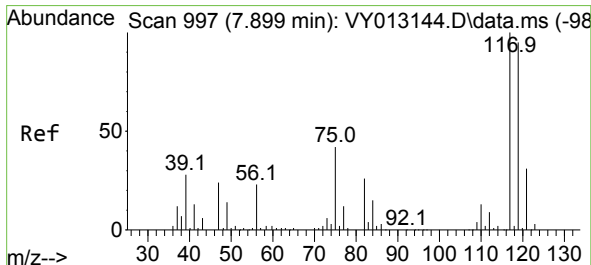
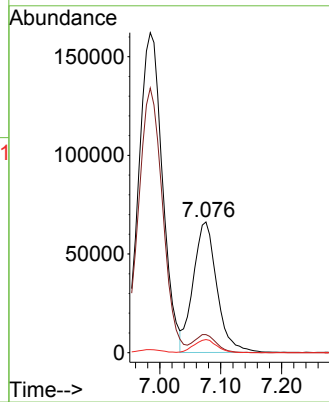
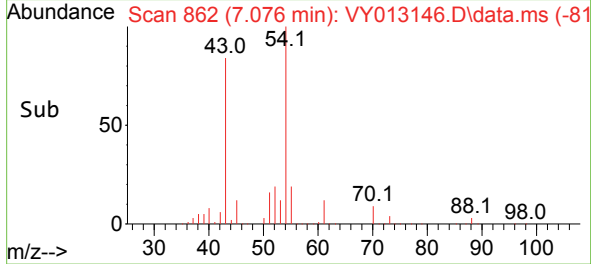
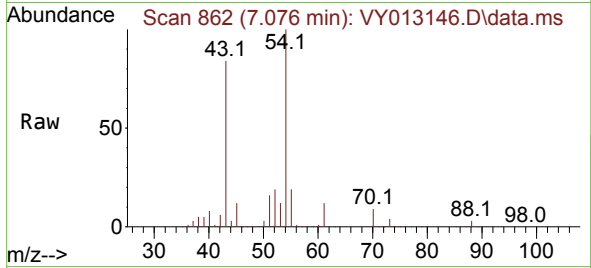




#37
Ethyl Acetate
Concen: 147.557 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

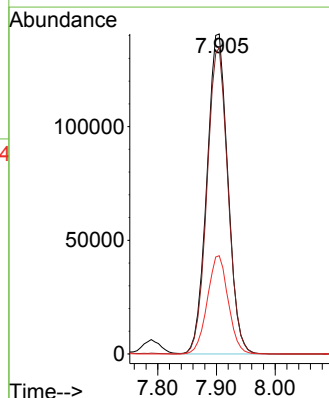
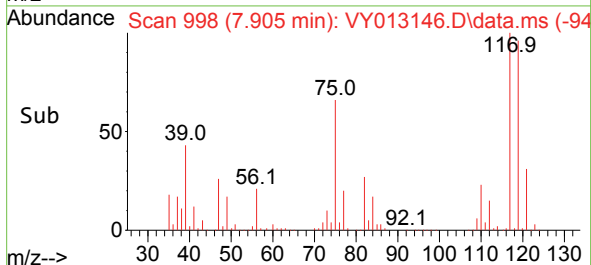
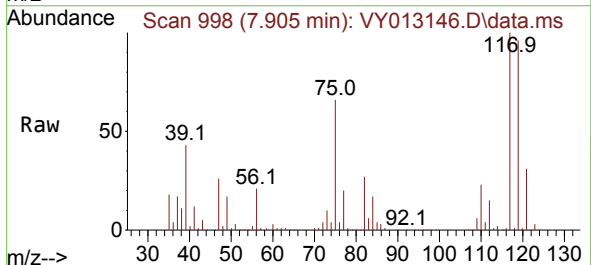
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

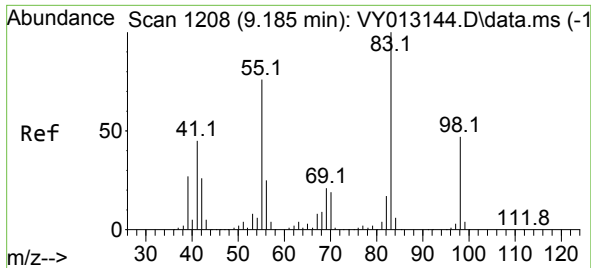
Tgt Ion: 43 Resp: 178303
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 148.918 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 117 Resp: 349523
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 30.7 24.7 37.1

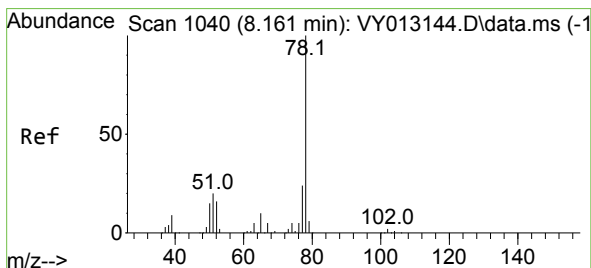
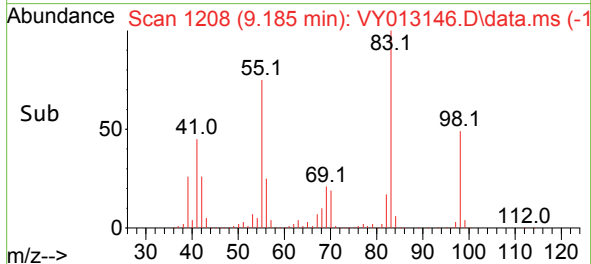
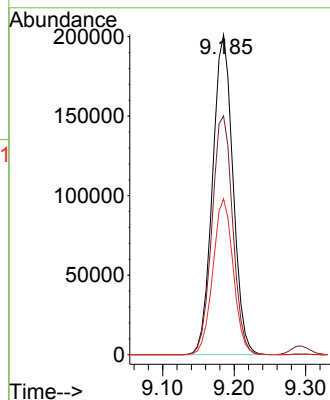
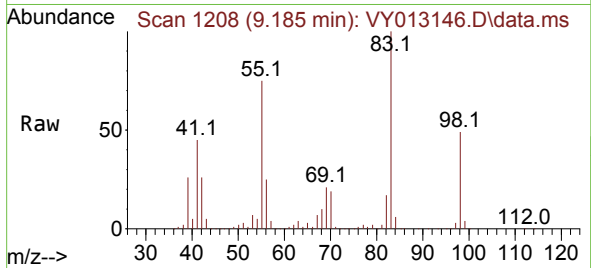




#39
Methylcyclohexane
Concen: 159.962 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

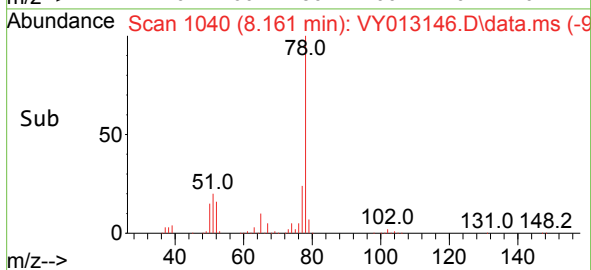
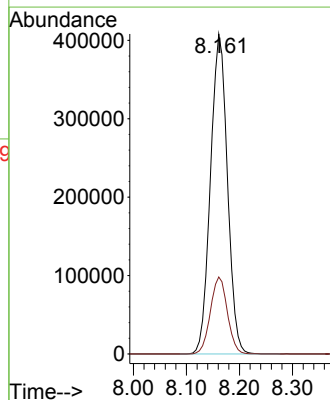
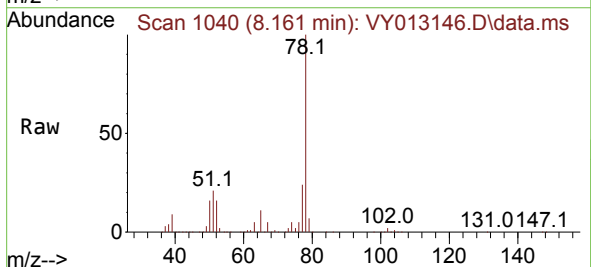
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

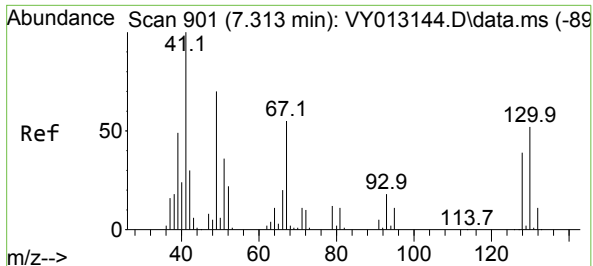
Tgt Ion: 83 Resp: 399198
Ion Ratio Lower Upper
83 100
55 74.6 60.0 90.0
98 48.7 38.3 57.5



#40
Benzene
Concen: 147.310 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 78 Resp: 905057
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

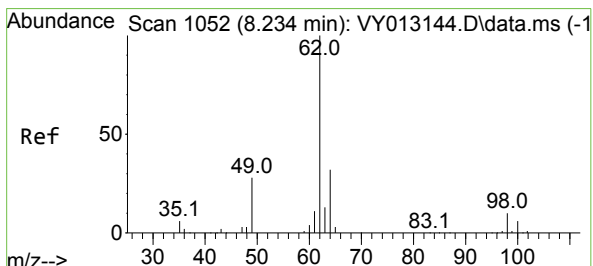
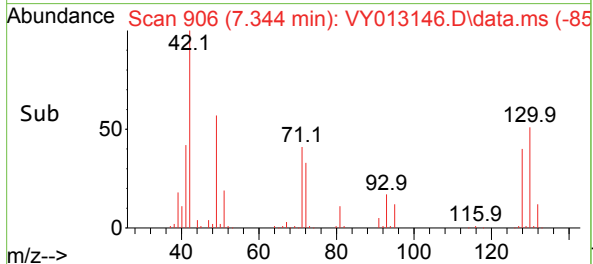
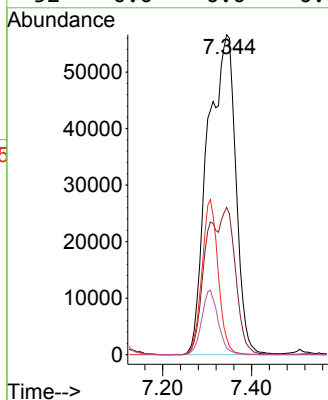
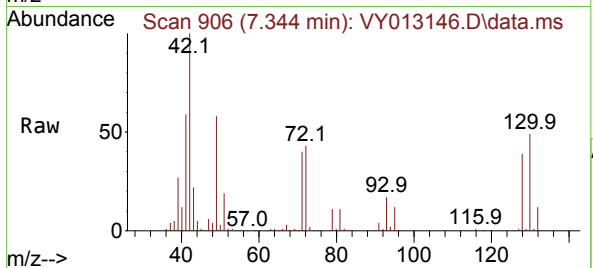




#41
Methacrylonitrile
Concen: 420.528 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

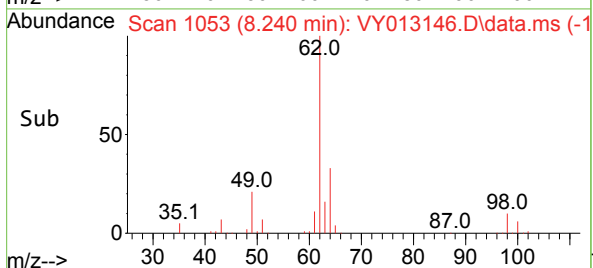
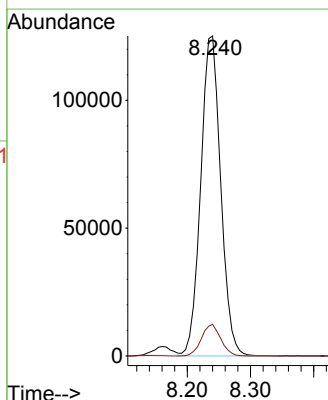
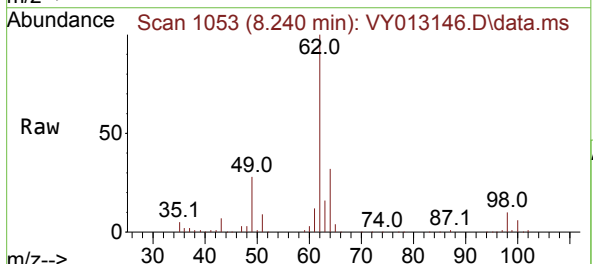
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

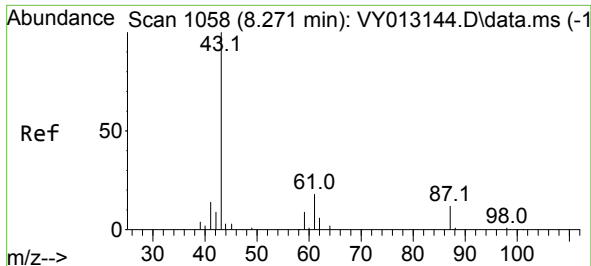
Tgt Ion:	41	Resp:	246848
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 146.262 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion:	62	Resp:	275317
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8

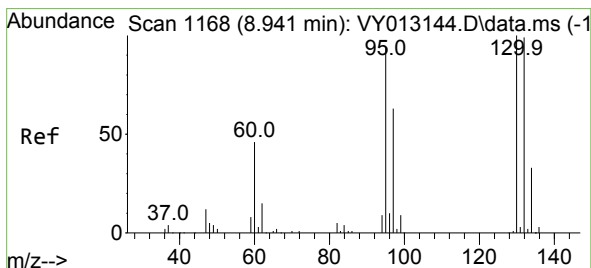
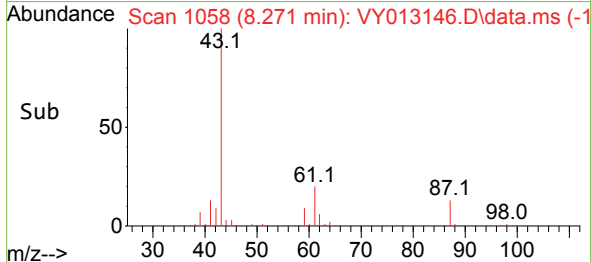
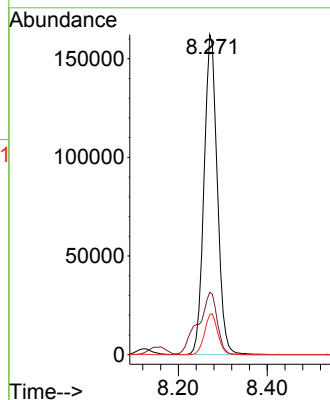
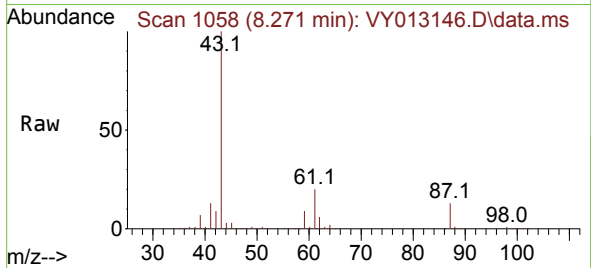




#43
Isopropyl Acetate
Concen: 155.781 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

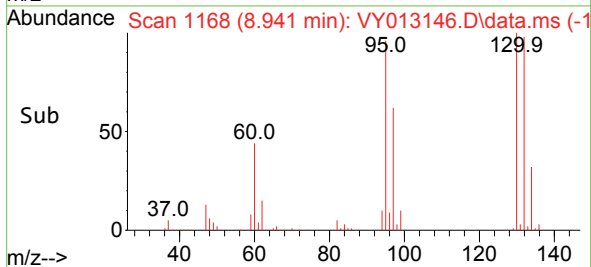
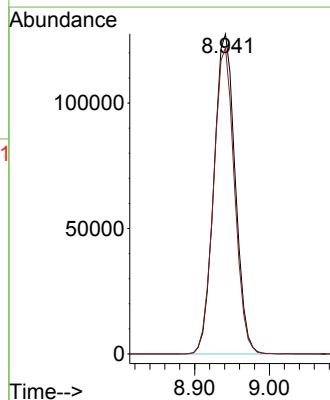
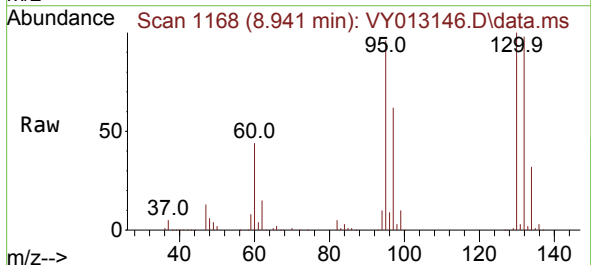
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

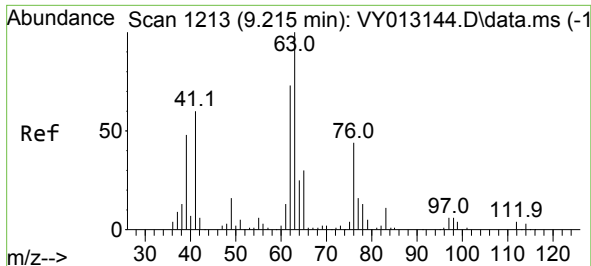
Tgt Ion: 43 Resp: 336948
Ion Ratio Lower Upper
43 100
61 28.1 21.6 32.4
87 12.8 9.9 14.9



#44
Trichloroethene
Concen: 148.897 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion:130 Resp: 251832
Ion Ratio Lower Upper
130 100
95 95.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 146.554 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

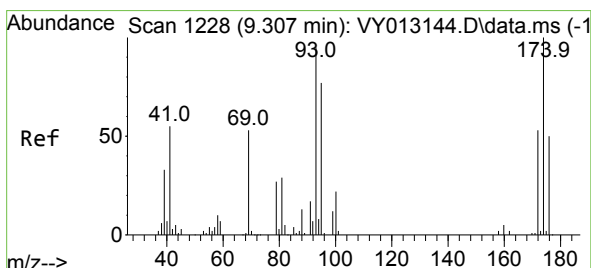
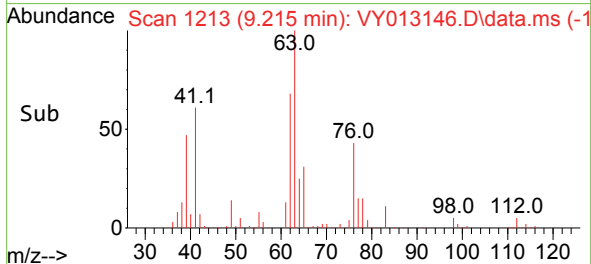
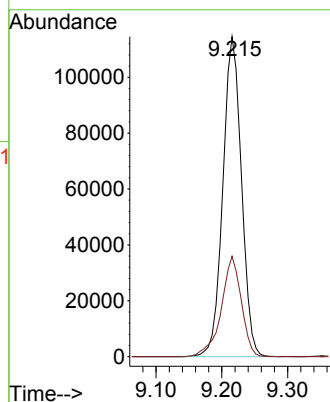
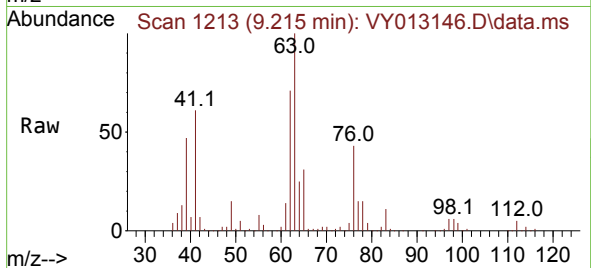
VSTDIC150

Tgt Ion: 63 Resp: 225470

Ion Ratio Lower Upper

63 100

65 31.4 25.7 38.5



#46

Dibromomethane

Concen: 144.322 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

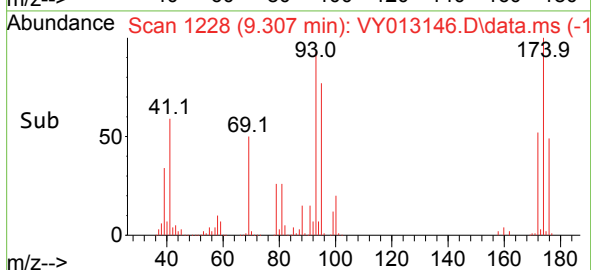
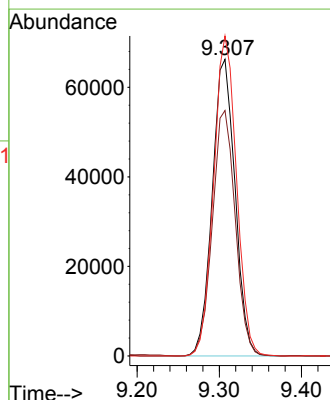
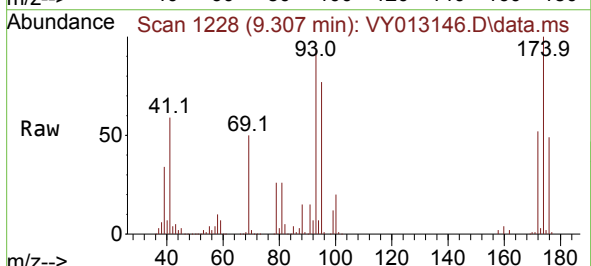
Tgt Ion: 93 Resp: 127551

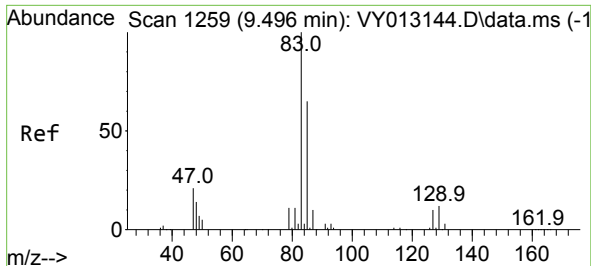
Ion Ratio Lower Upper

93 100

95 83.3 65.6 98.4

174 108.1 81.3 121.9

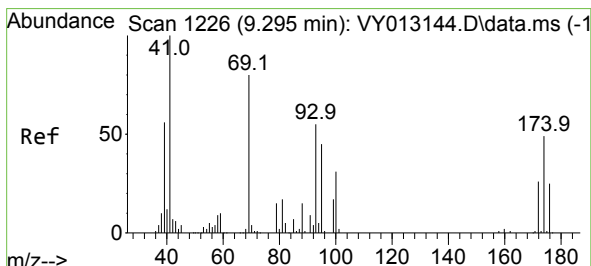
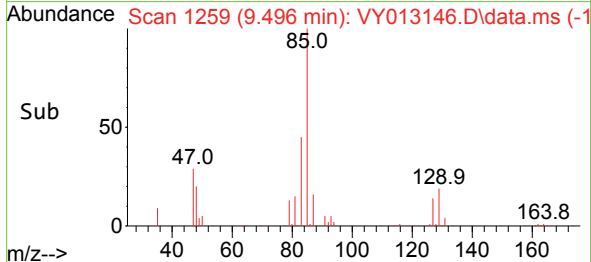
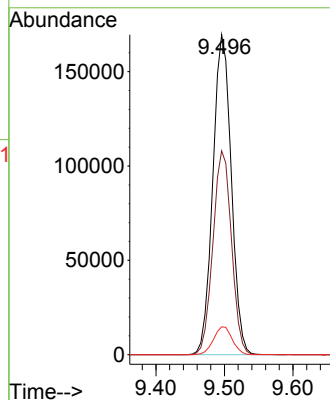
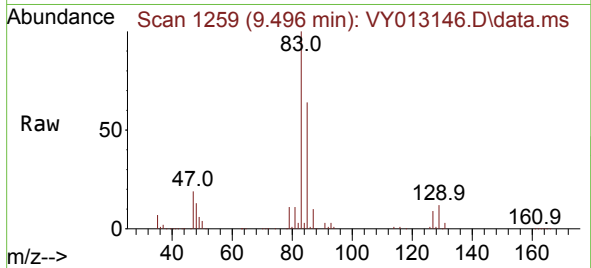




#47
Bromodichloromethane
Concen: 148.217 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

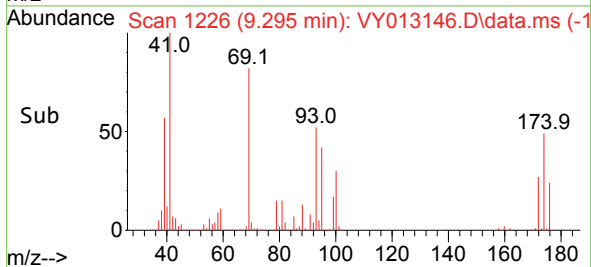
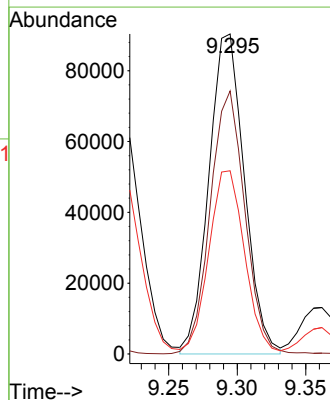
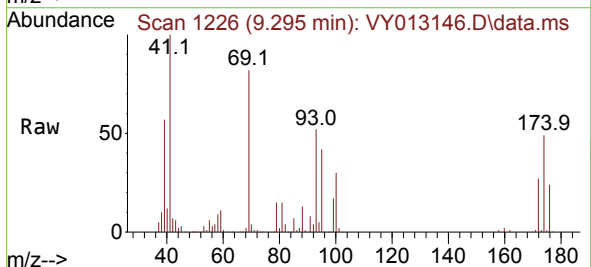
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

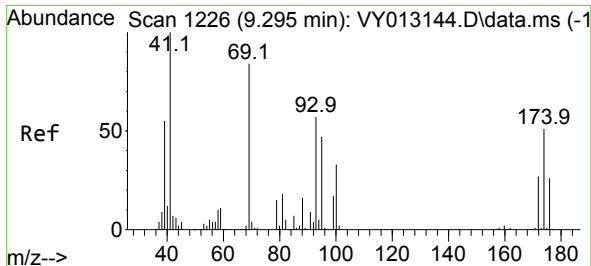
Tgt Ion: 83 Resp: 316073
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 162.002 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 41 Resp: 163193
Ion Ratio Lower Upper
41 100
69 80.4 64.1 96.1
39 55.6 44.0 66.0





#49

1,4-Dioxane

Concen: 2999.415 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

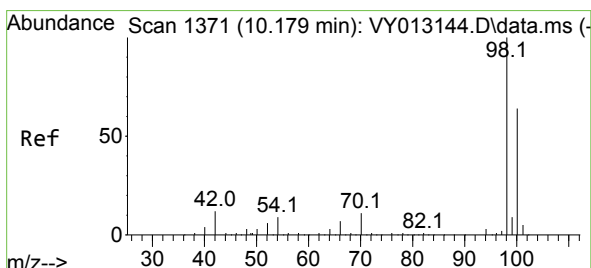
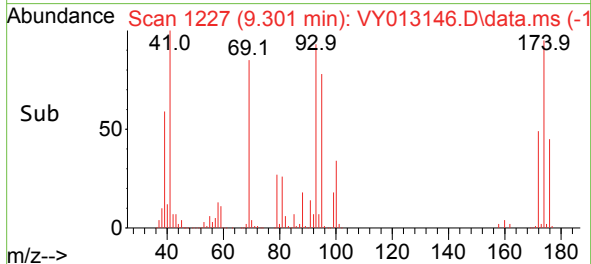
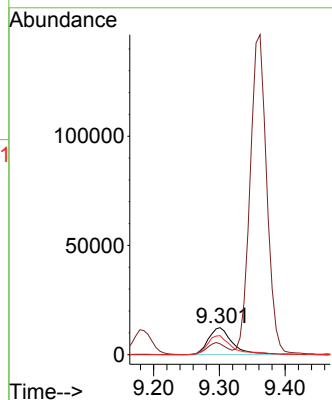
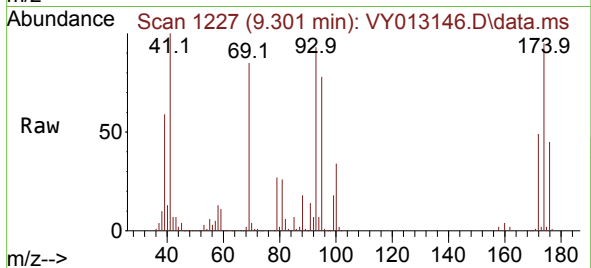
Tgt Ion: 88 Resp: 31536

Ion Ratio Lower Upper

88 100

43 35.5 28.6 42.8

58 73.8 55.2 82.8



#50

Toluene-d8

Concen: 147.111 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013146.D

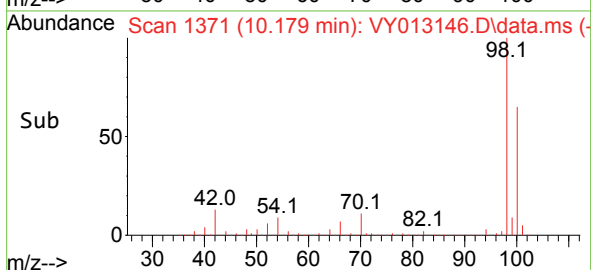
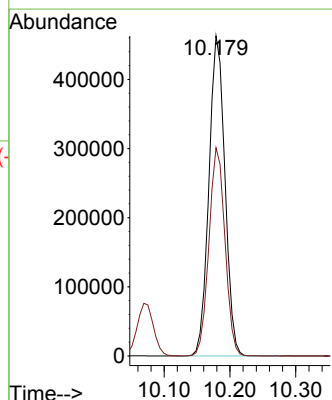
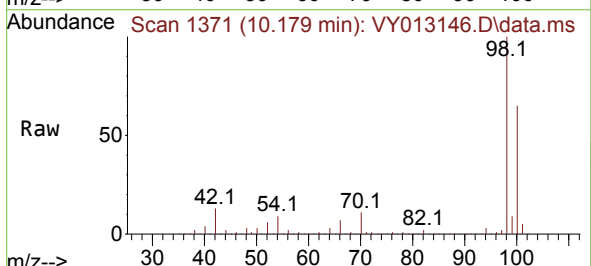
Acq: 30 Mar 2023 12:06

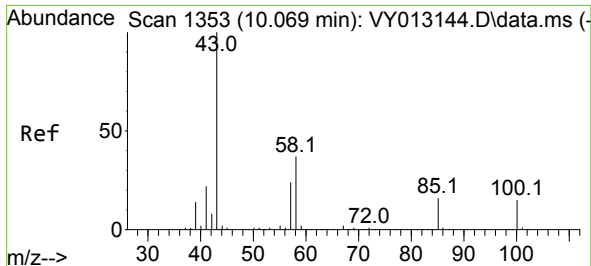
Tgt Ion: 98 Resp: 784734

Ion Ratio Lower Upper

98 100

100 65.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 745.660 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

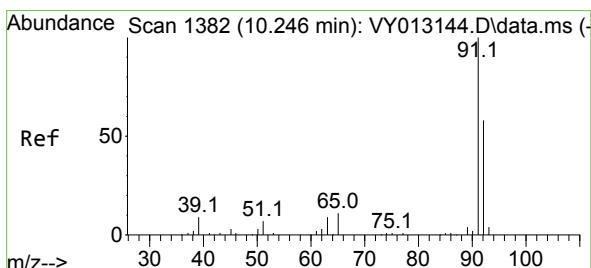
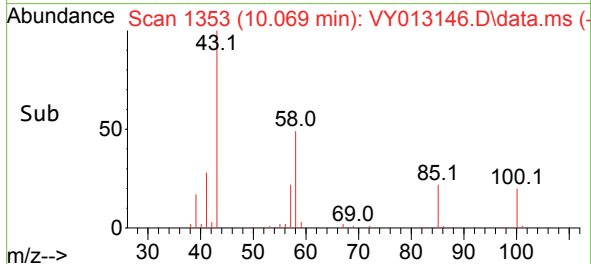
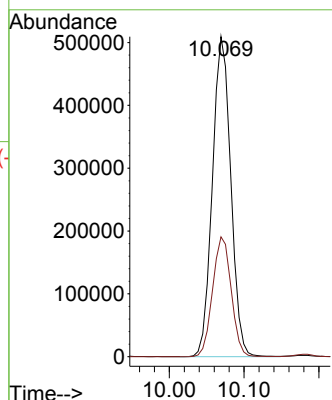
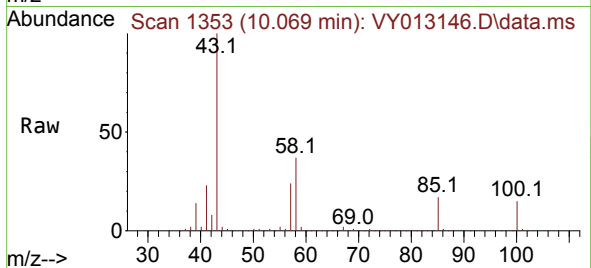
VSTDIC150

Tgt Ion: 43 Resp: 870432

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.6



#52

Toluene

Concen: 149.815 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY013146.D

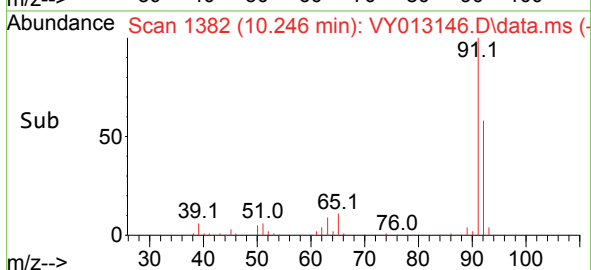
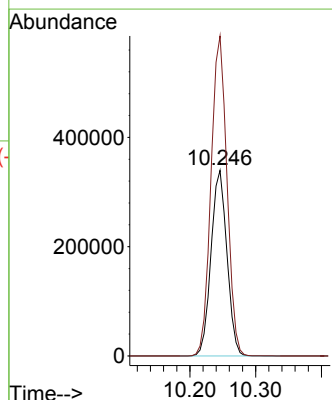
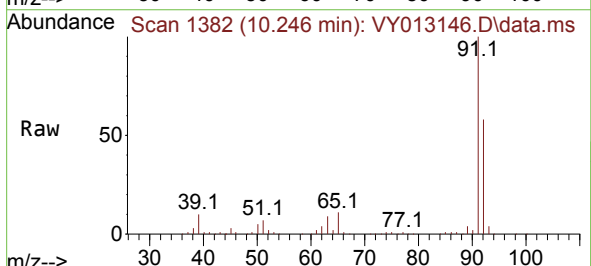
Acq: 30 Mar 2023 12:06

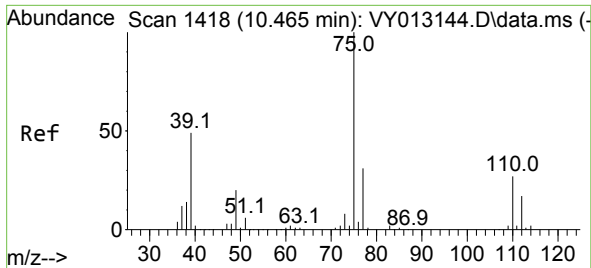
Tgt Ion: 92 Resp: 570961

Ion Ratio Lower Upper

92 100

91 173.1 141.3 211.9

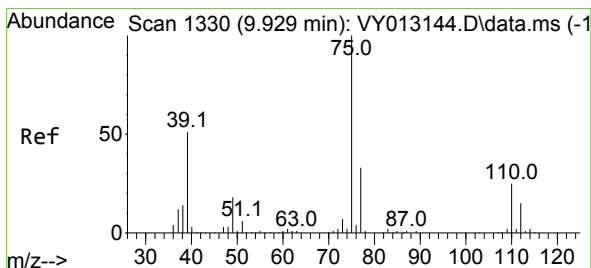
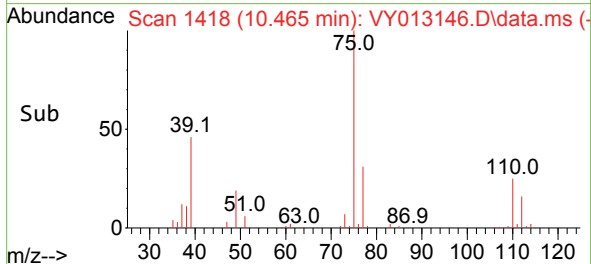
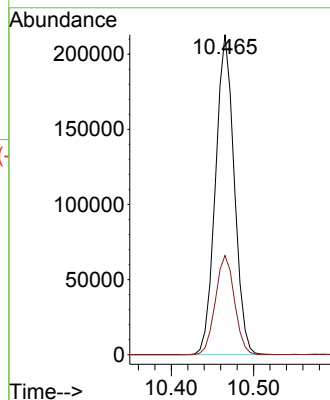
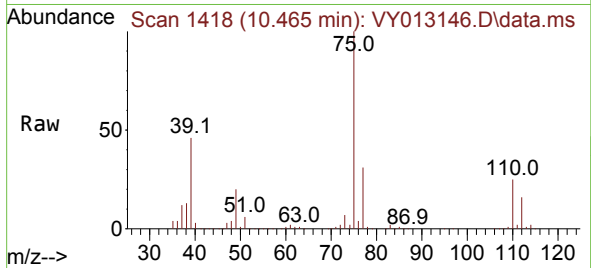




#53
 t-1,3-Dichloropropene
 Concen: 154.466 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

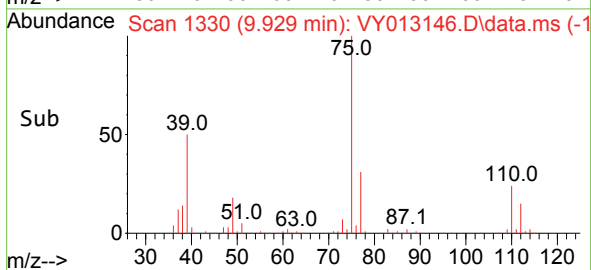
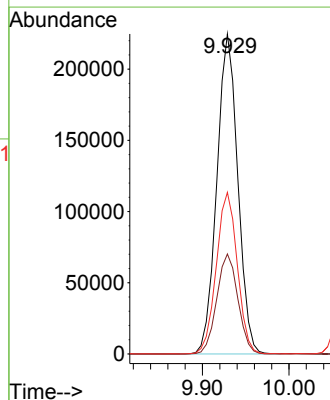
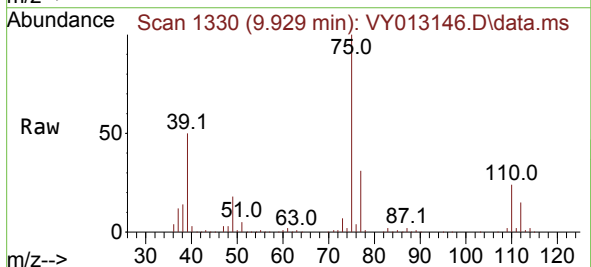
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

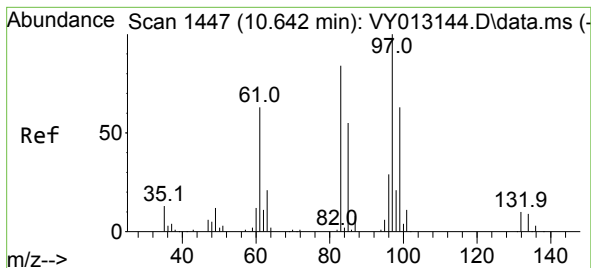
Tgt Ion: 75 Resp: 336689
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 151.659 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

Tgt Ion: 75 Resp: 377538
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 50.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 143.048 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 174756

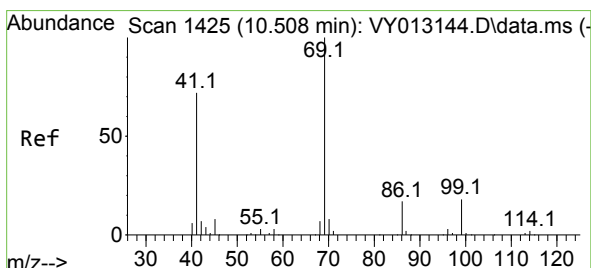
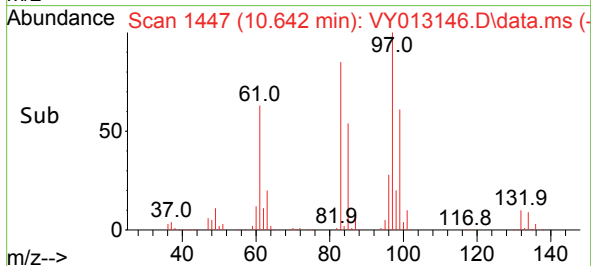
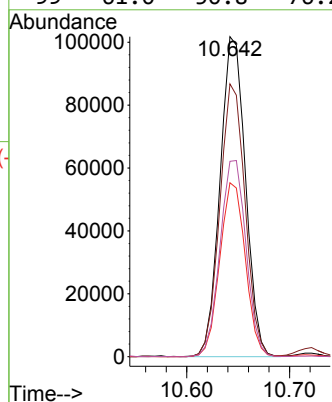
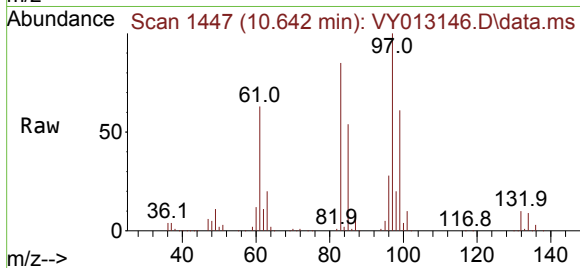
Ion Ratio Lower Upper

97 100

83 85.2 69.0 103.6

85 54.4 44.9 67.3

99 61.0 50.8 76.2



#56

Ethyl methacrylate

Concen: 162.585 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

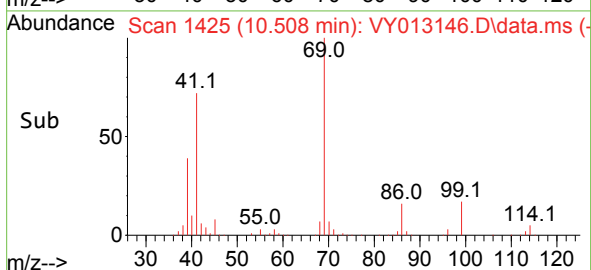
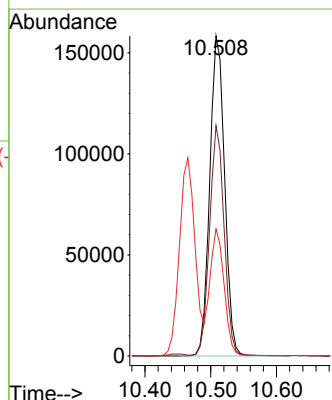
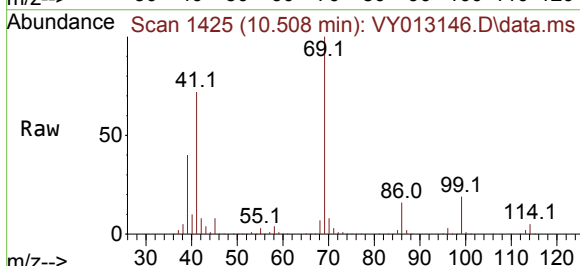
Tgt Ion: 69 Resp: 249729

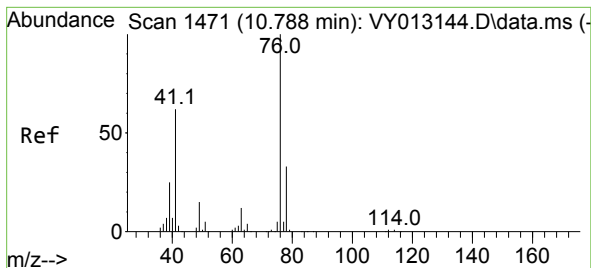
Ion Ratio Lower Upper

69 100

41 70.0 56.4 84.6

39 37.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 146.362 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

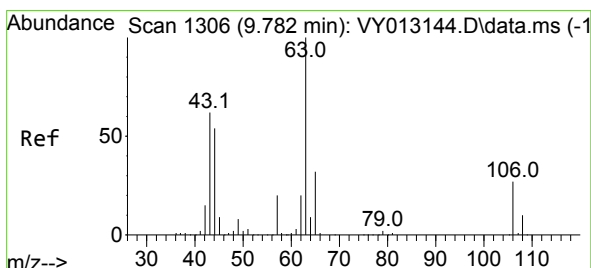
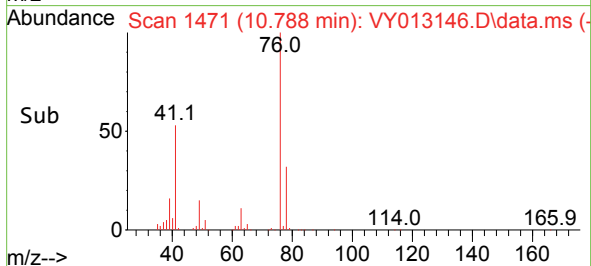
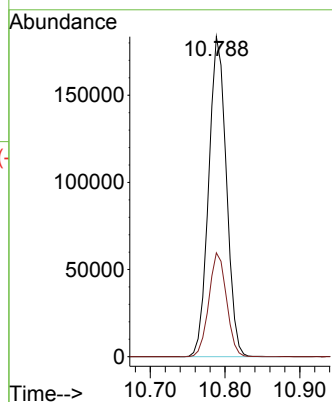
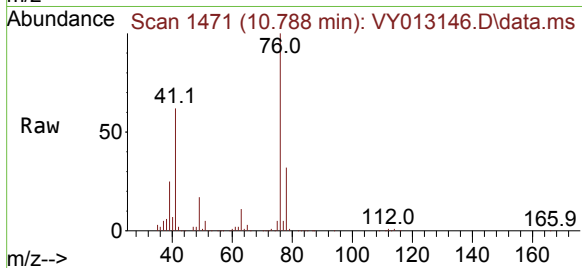
VSTDIC150

Tgt Ion: 76 Resp: 301852

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 749.794 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013146.D

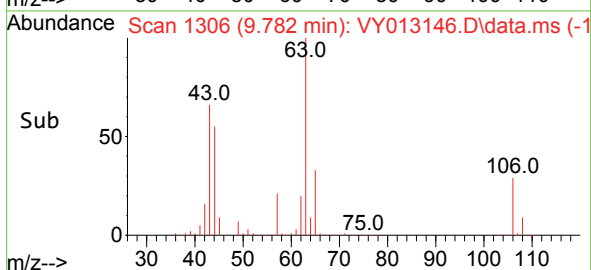
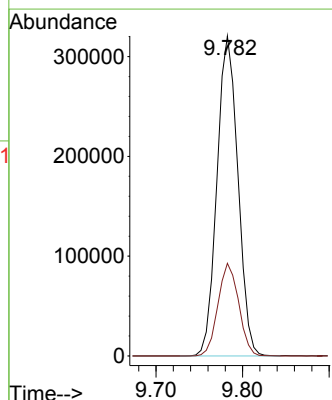
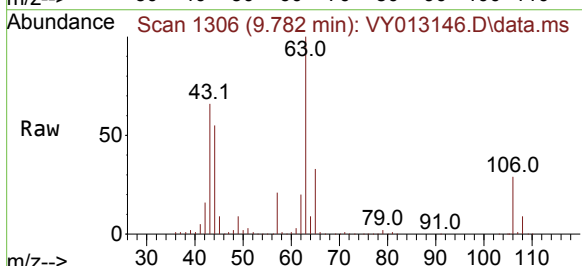
Acq: 30 Mar 2023 12:06

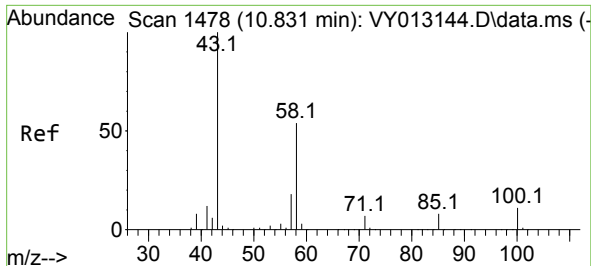
Tgt Ion: 63 Resp: 538506

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1

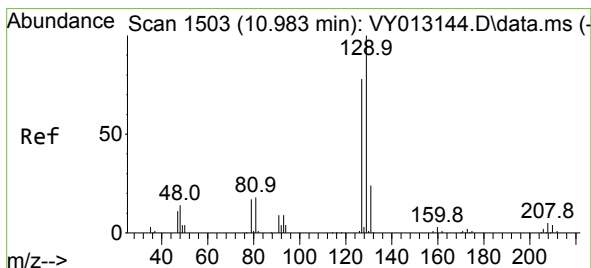
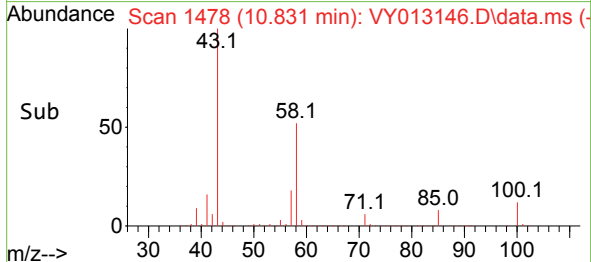
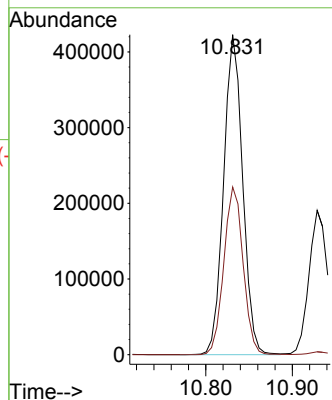
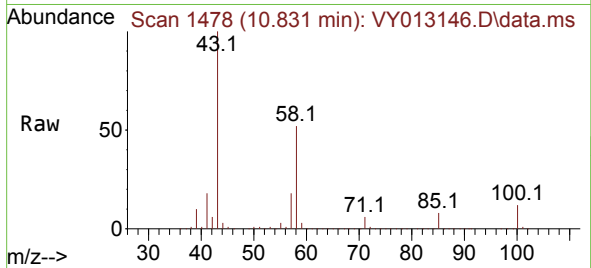




#59
2-Hexanone
Concen: 765.302 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

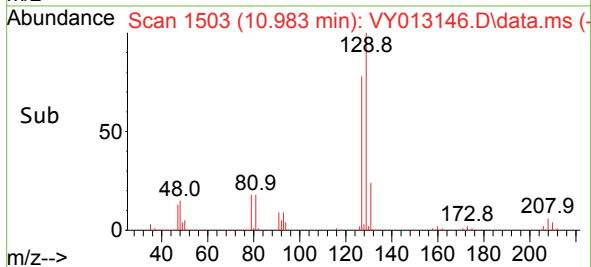
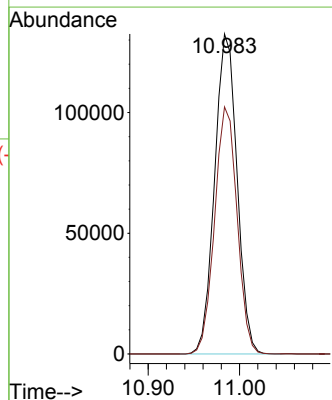
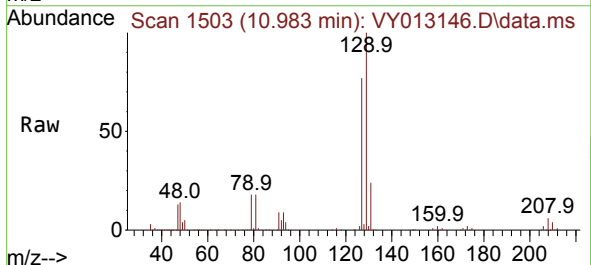
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

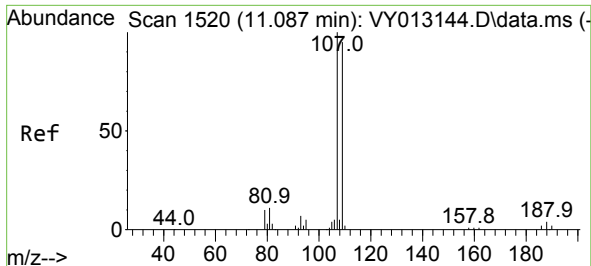
Tgt Ion: 43 Resp: 646100
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.8



#60
Dibromochloromethane
Concen: 147.281 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 129 Resp: 225986
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

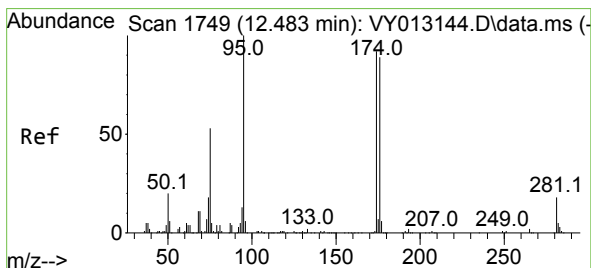
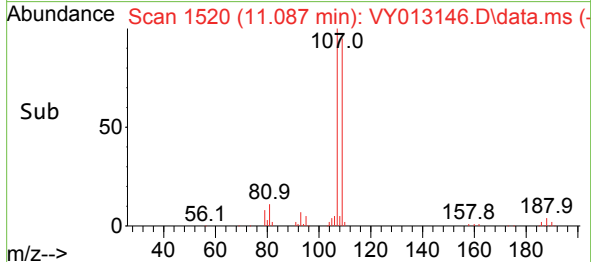
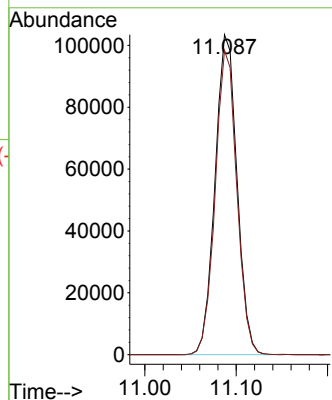
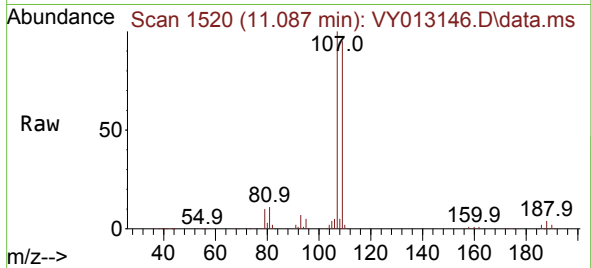




#61
1,2-Dibromoethane
Concen: 145.795 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

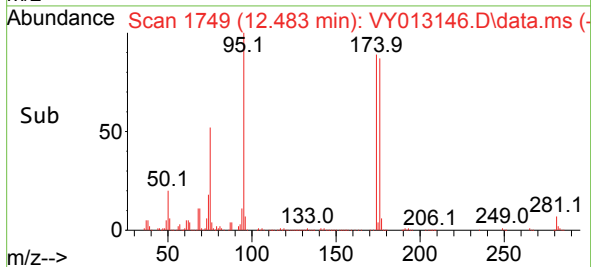
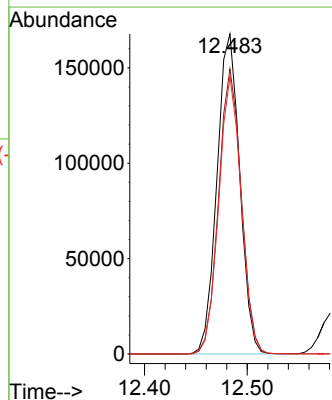
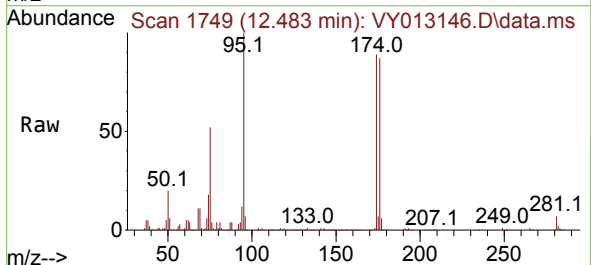
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

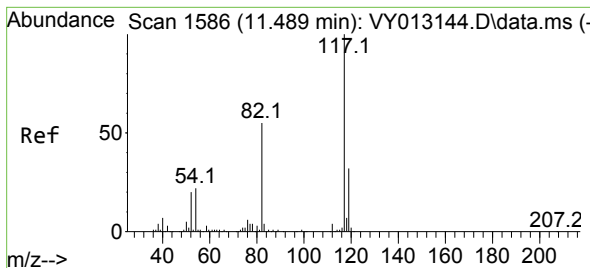
Tgt Ion:107 Resp: 172575
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 148.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 95 Resp: 257880
Ion Ratio Lower Upper
95 100
174 88.7 0.0 176.6
176 85.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

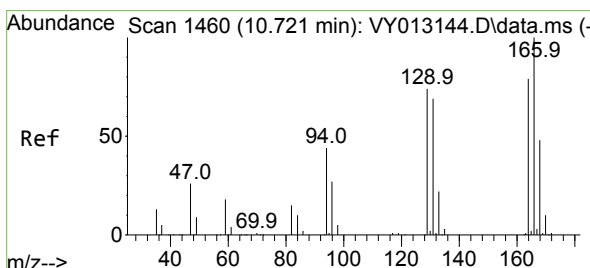
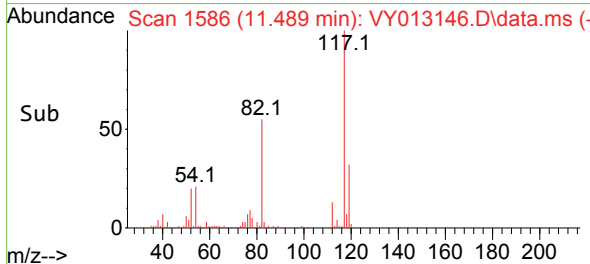
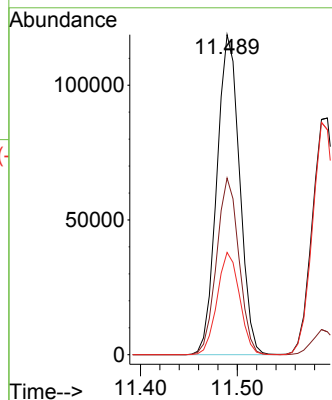
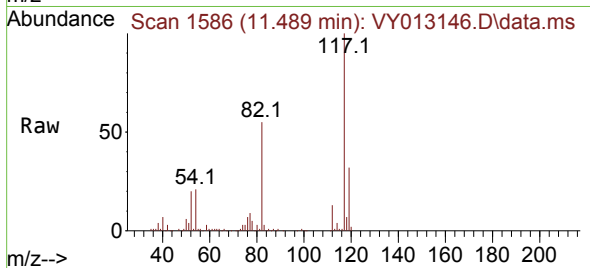
Tgt Ion:117 Resp: 193484

Ion Ratio Lower Upper

117 100

82 55.2 45.4 68.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 148.047 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Tgt Ion:164 Resp: 220216

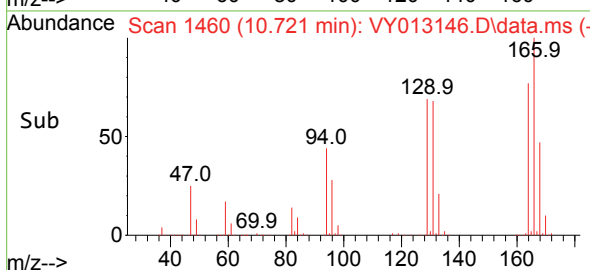
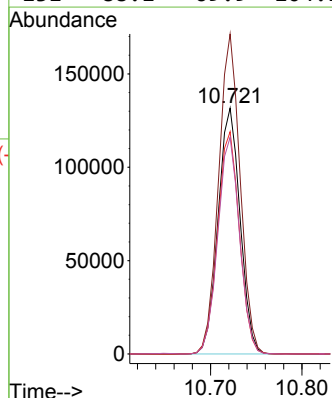
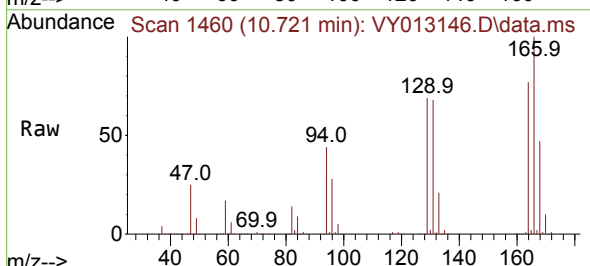
Ion Ratio Lower Upper

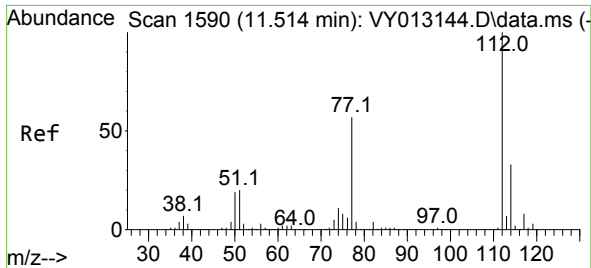
164 100

166 130.1 103.4 155.2

129 90.4 71.4 107.2

131 88.1 69.9 104.9

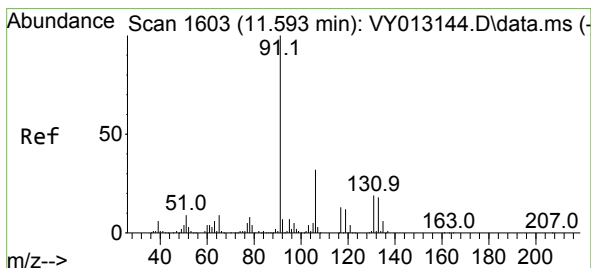
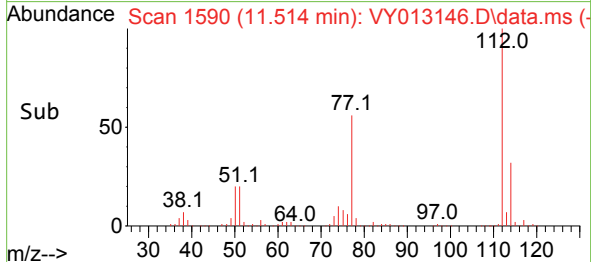
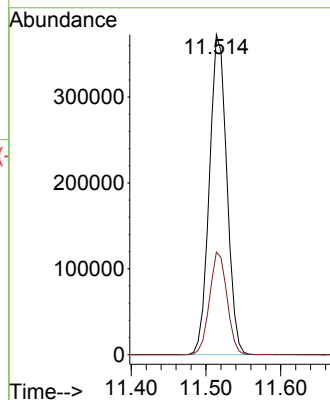
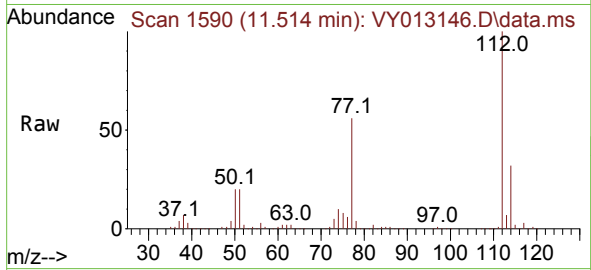




#65
Chlorobenzene
Concen: 147.291 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

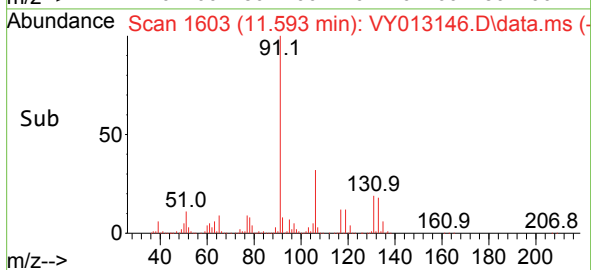
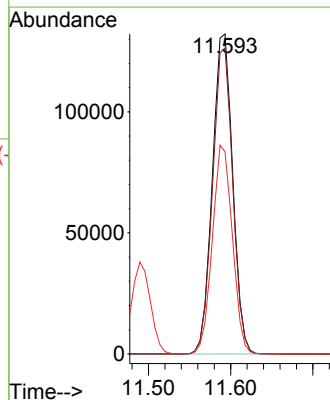
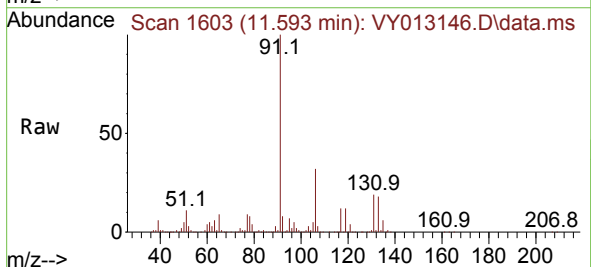
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

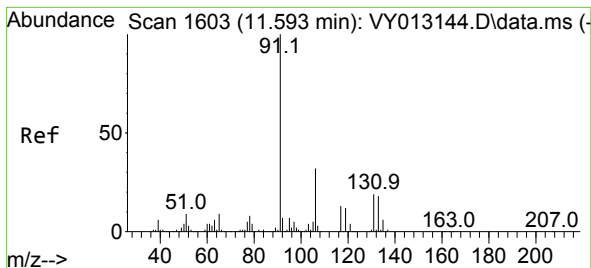
Tgt Ion:112 Resp: 605001
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 147.275 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion:131 Resp: 226789
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 64.4 32.6 98.0





#67

Ethyl Benzene

Concen: 153.838 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

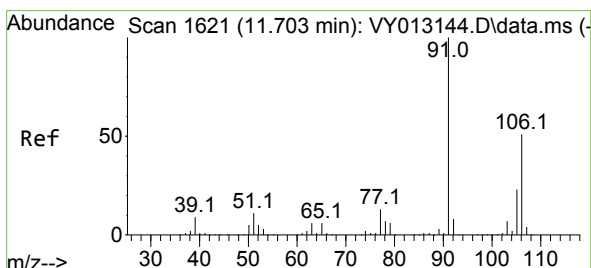
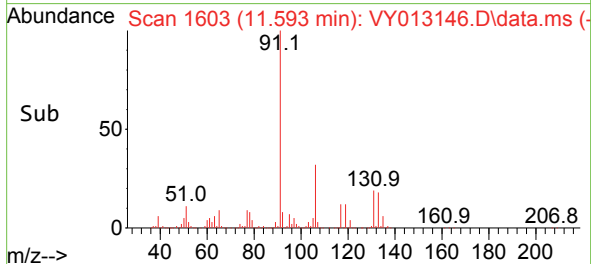
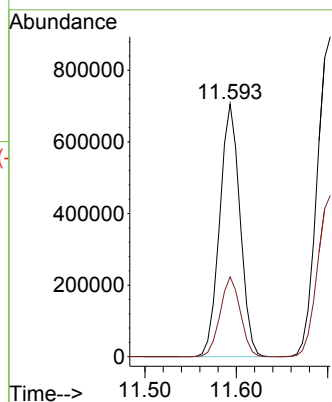
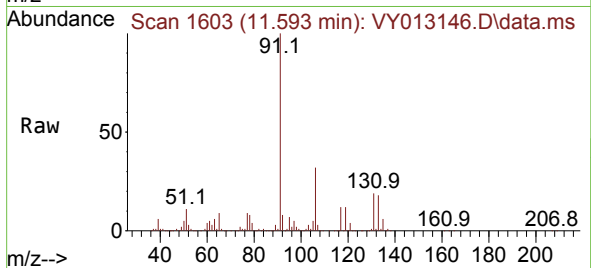
VSTDIC150

Tgt Ion: 91 Resp: 1091355

Ion Ratio Lower Upper

91 100

106 31.6 25.1 37.7



#68

m/p-Xylenes

Concen: 308.088 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013146.D

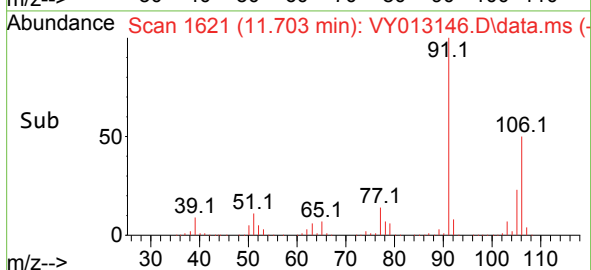
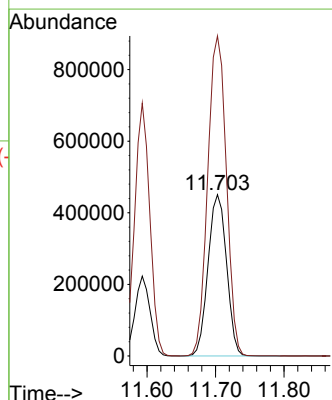
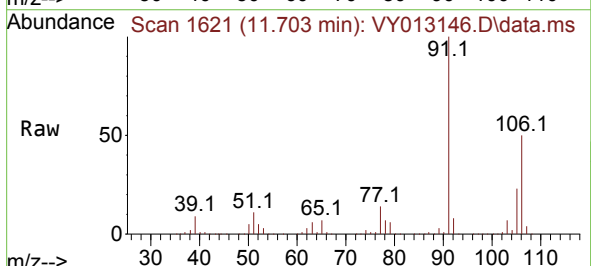
Acq: 30 Mar 2023 12:06

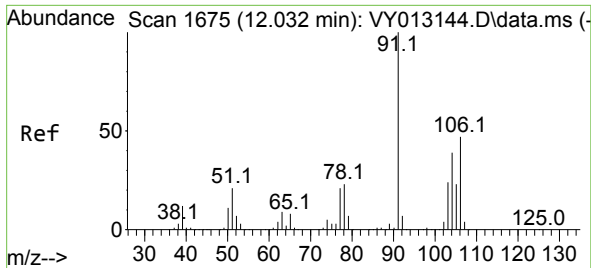
Tgt Ion:106 Resp: 845484

Ion Ratio Lower Upper

106 100

91 199.7 159.8 239.8

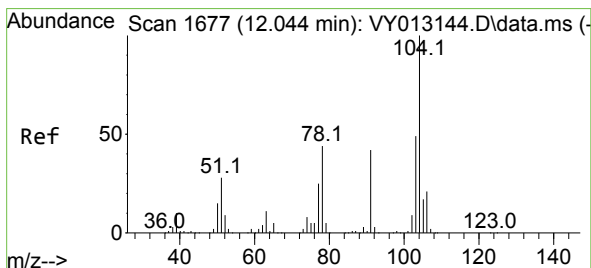
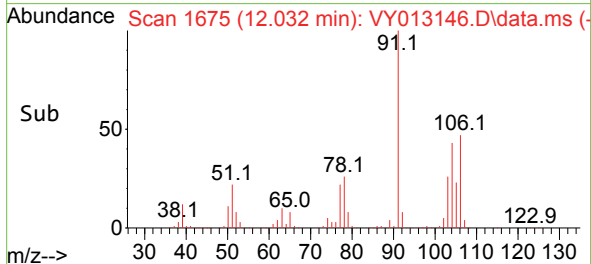
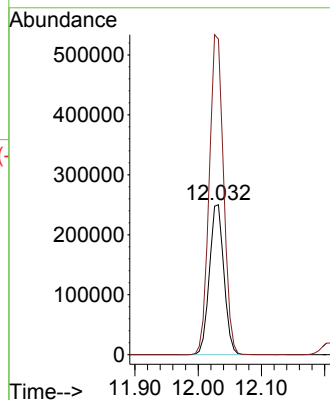
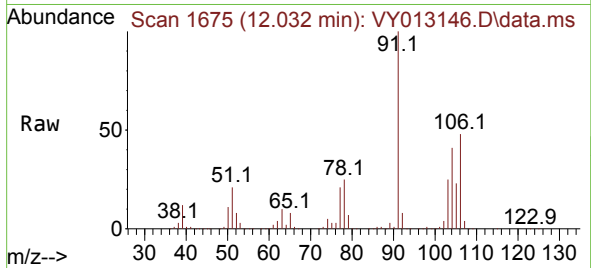




#69
o-Xylene
Concen: 156.708 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

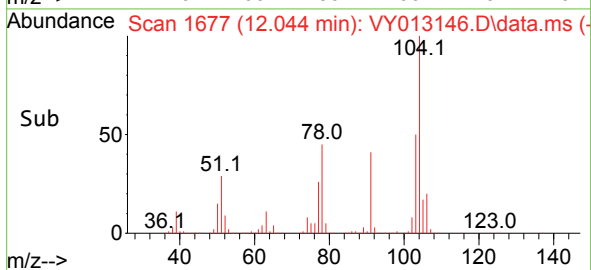
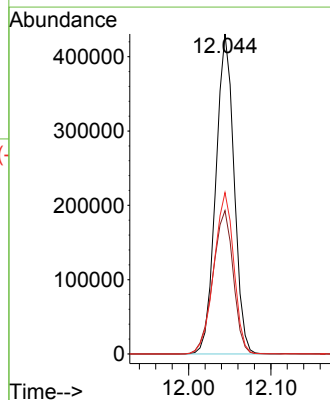
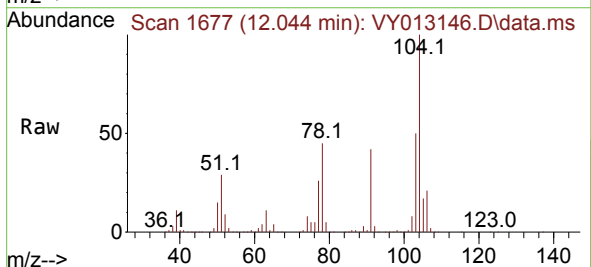
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

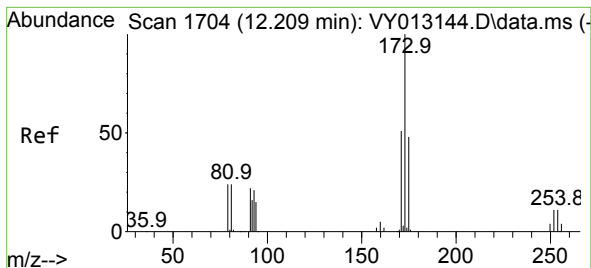
Tgt Ion:106 Resp: 398896
Ion Ratio Lower Upper
106 100
91 211.6 107.2 321.6



#70
Styrene
Concen: 156.094 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion:104 Resp: 664663
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 55.0 43.7 65.5





#71

Bromoform

Concen: 149.463 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

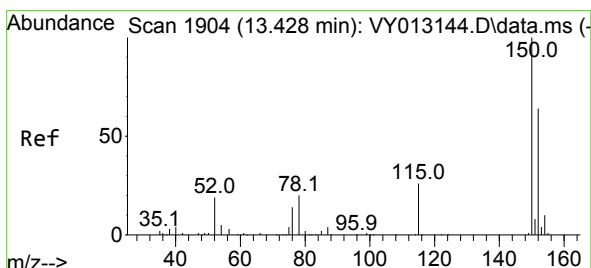
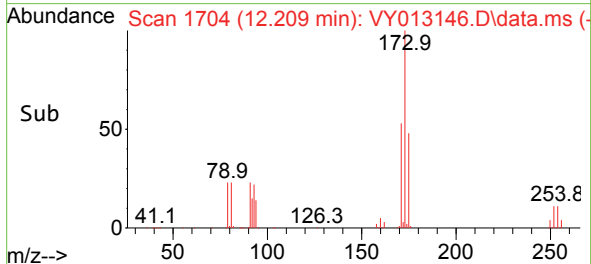
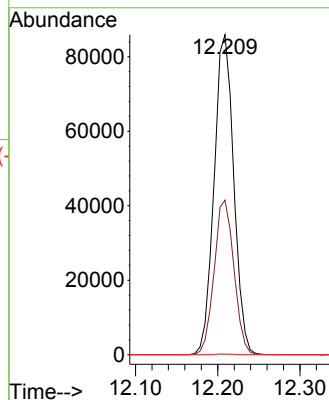
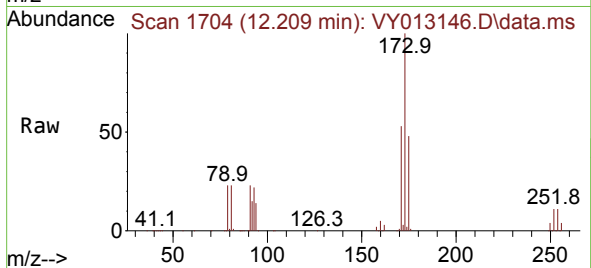
Tgt Ion:173 Resp: 142719

Ion Ratio Lower Upper

173 100

175 48.6 25.0 75.0

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

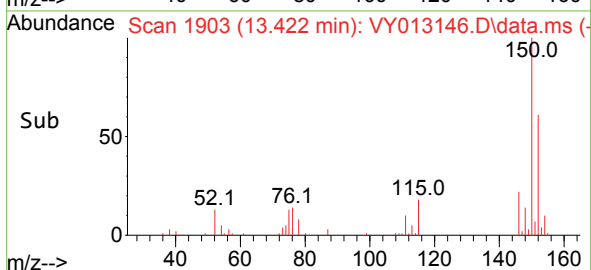
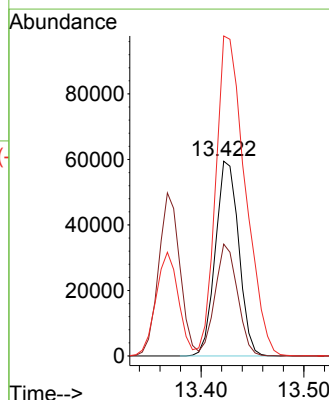
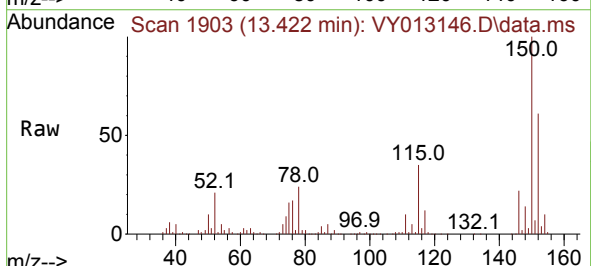
Tgt Ion:152 Resp: 93696

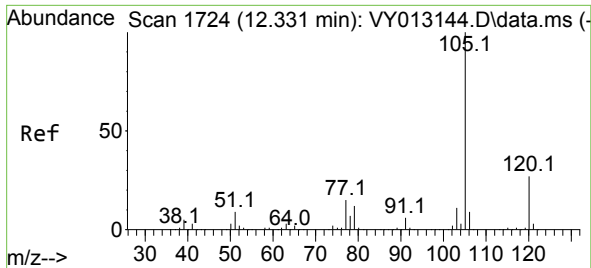
Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 208.0 0.0 347.8

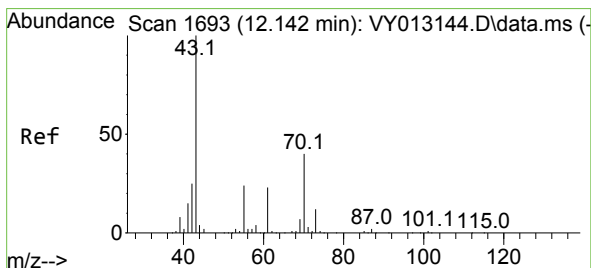
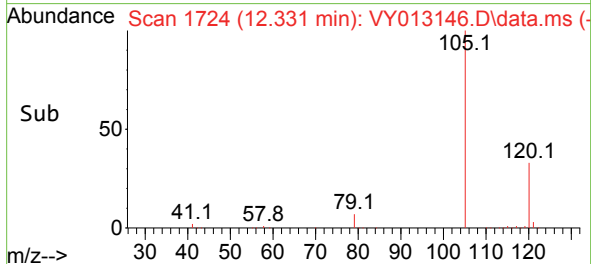
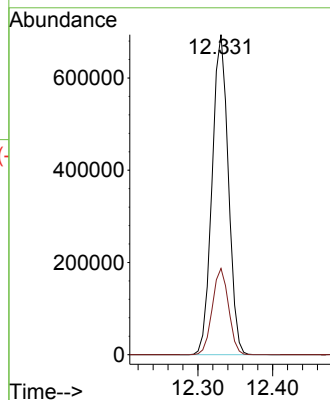
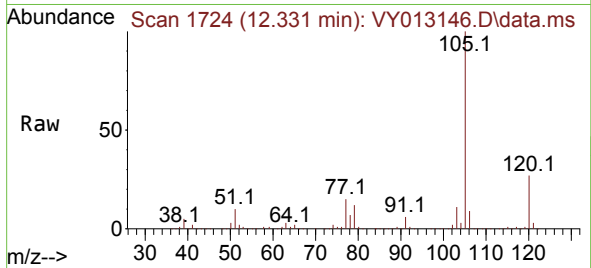




#73
Isopropylbenzene
Concen: 161.780 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

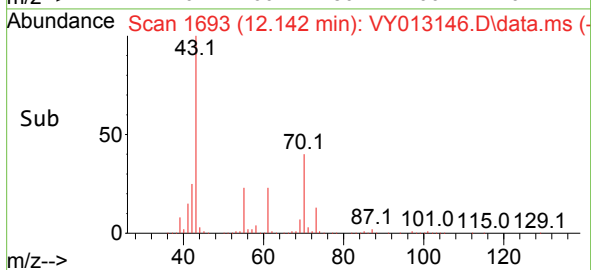
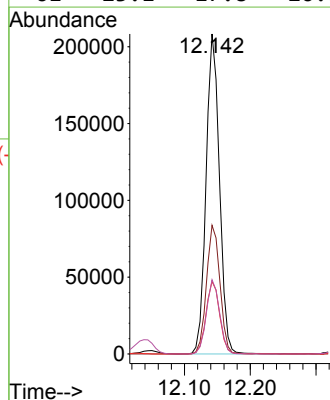
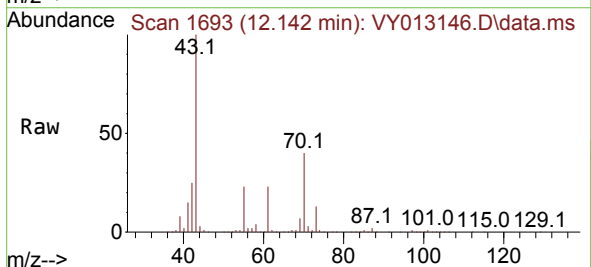
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

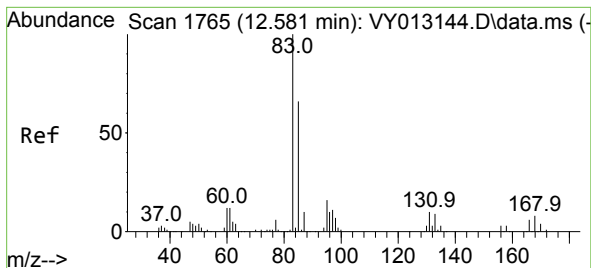
Tgt Ion:105 Resp: 1046335
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 165.878 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 43 Resp: 294565
Ion Ratio Lower Upper
43 100
70 40.6 31.6 47.4
55 23.1 18.8 28.2
61 23.1 17.8 26.8

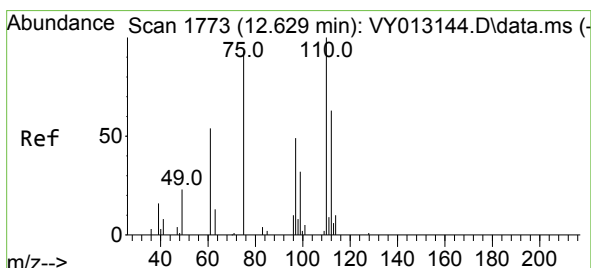
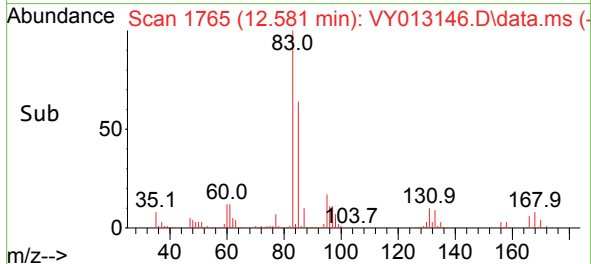
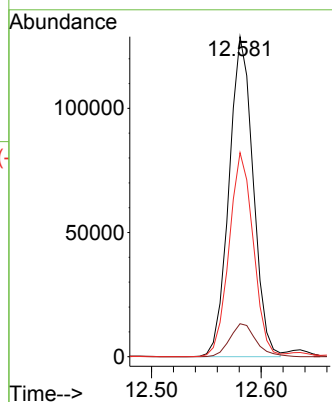
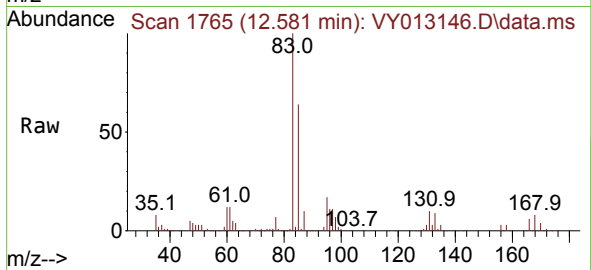




#75
1,1,2,2-Tetrachloroethane
Concen: 145.598 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

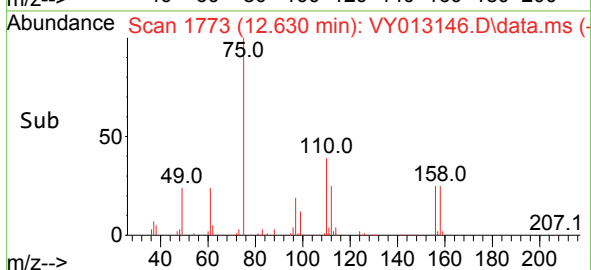
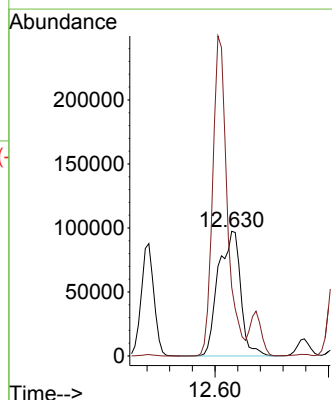
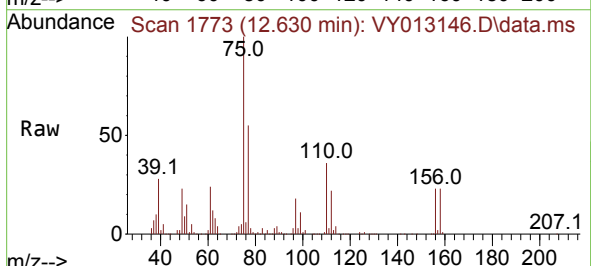
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

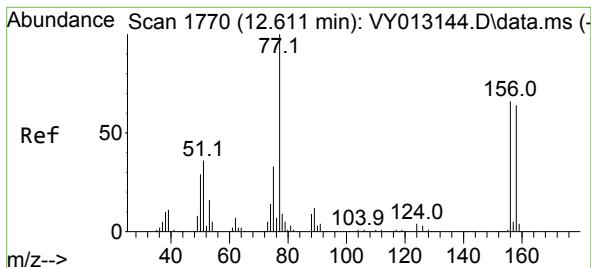
Tgt Ion: 83 Resp: 197250
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.2
85 64.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 252.378 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 75 Resp: 265576
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 154.801 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

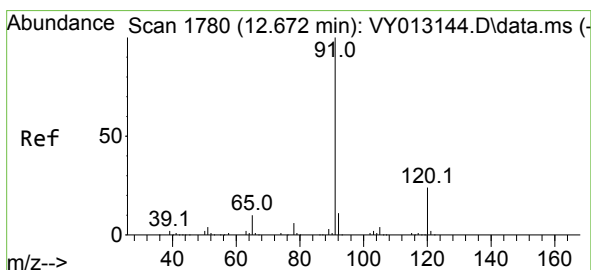
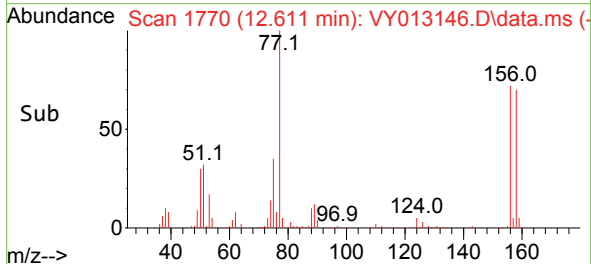
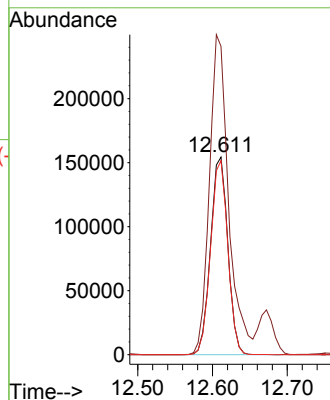
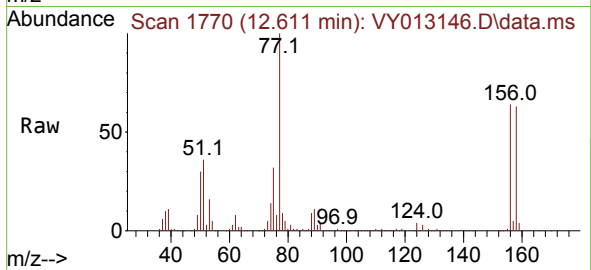
Tgt Ion:156 Resp: 248918

Ion Ratio Lower Upper

156 100

77 179.5 94.0 282.1

158 97.5 48.1 144.4



#78

n-propylbenzene

Concen: 158.170 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013146.D

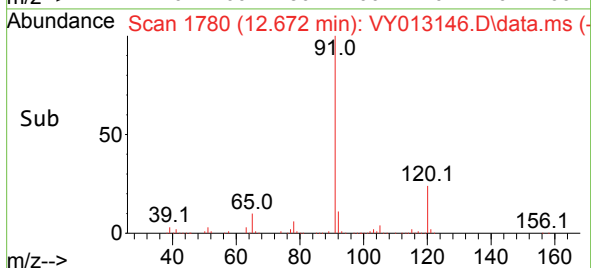
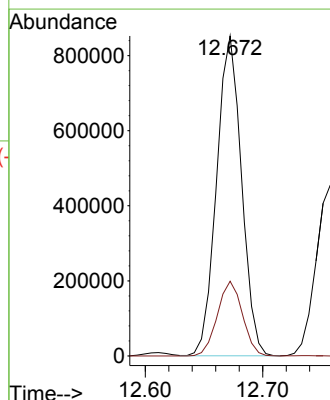
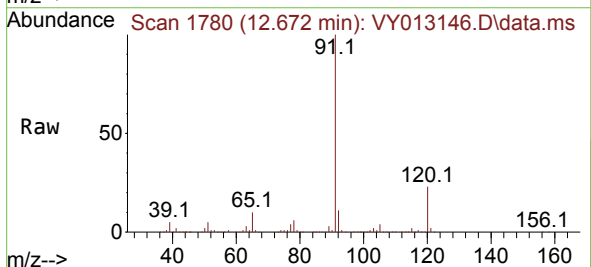
Acq: 30 Mar 2023 12:06

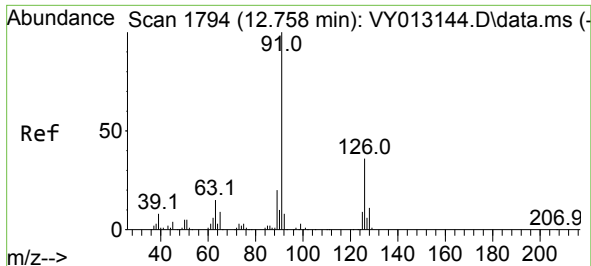
Tgt Ion: 91 Resp: 1257805

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8

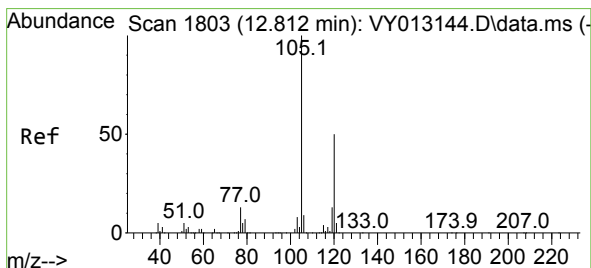
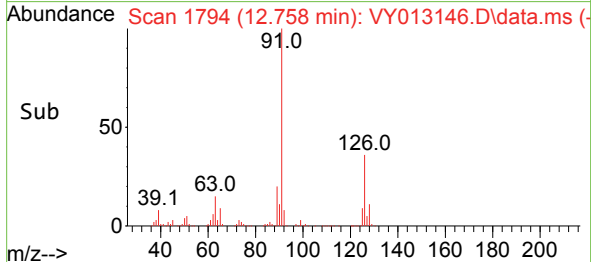
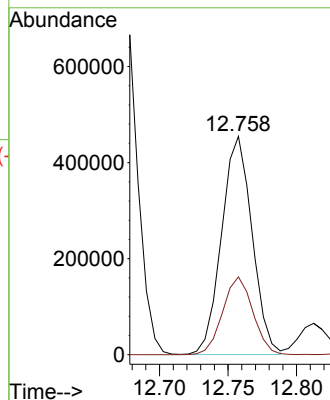
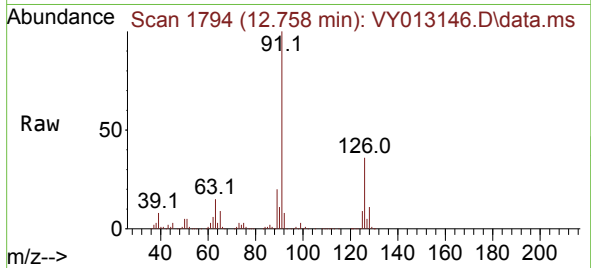




#79
2-Chlorotoluene
Concen: 156.071 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

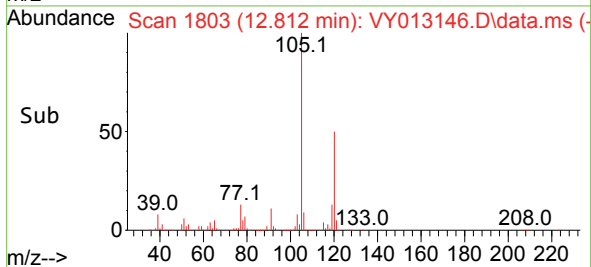
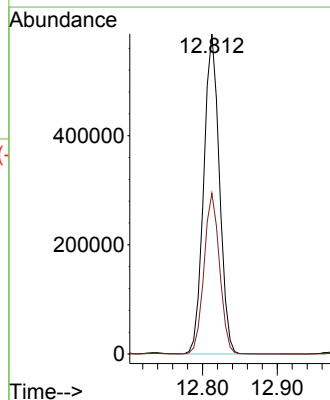
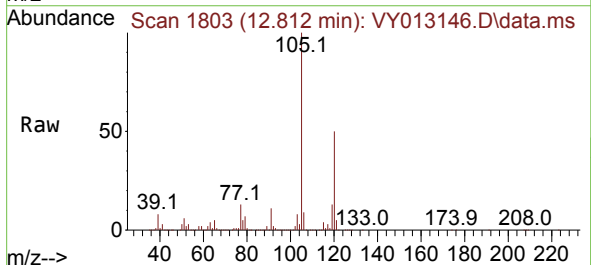
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

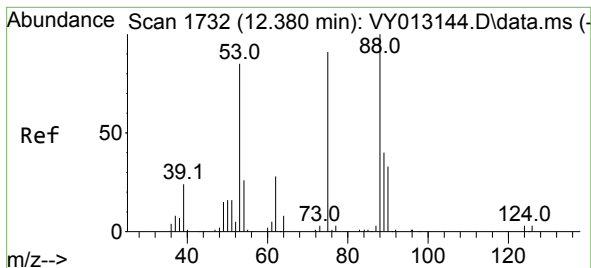
Tgt Ion: 91 Resp: 704266
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 157.698 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion: 105 Resp: 852716
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

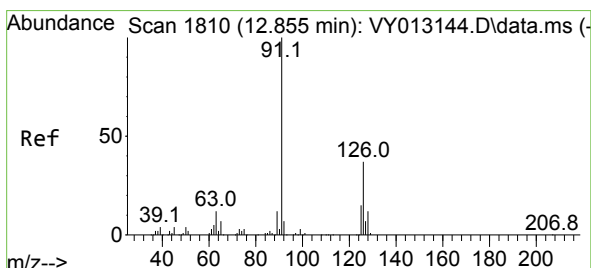
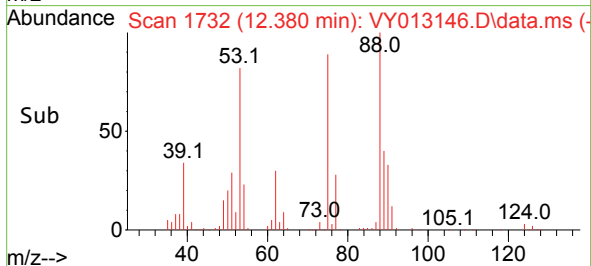
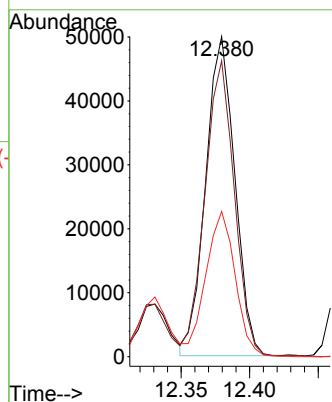
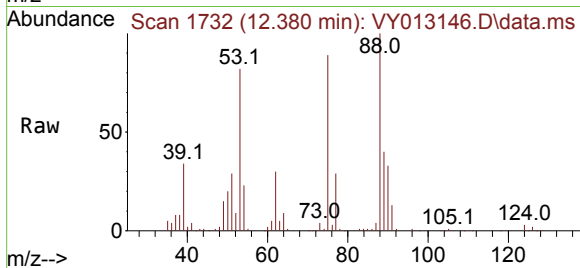




#81
trans-1,4-Dichloro-2-butene
Concen: 156.482 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

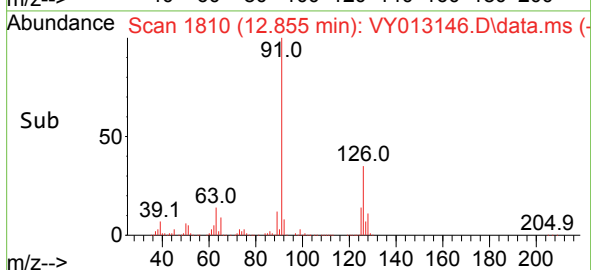
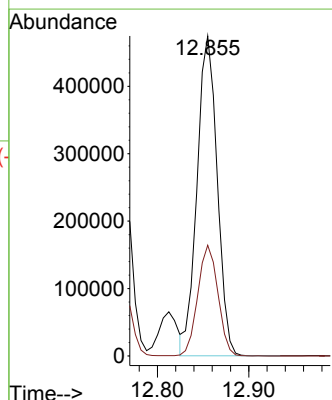
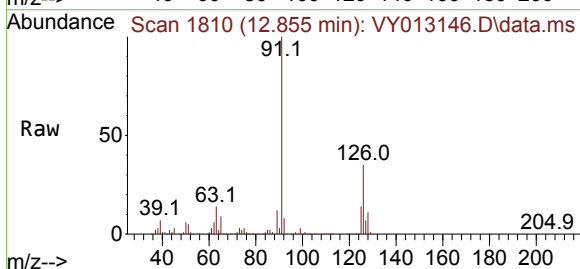
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

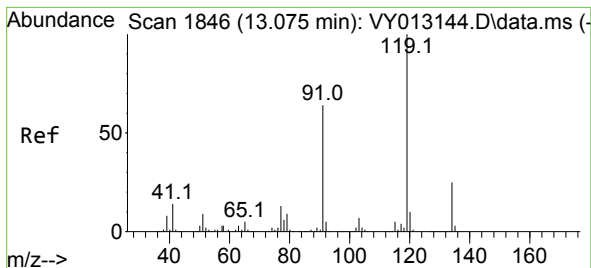
Tgt Ion:	75	Resp:	73856
Ion	Ratio	Lower	Upper
75	100		
53	94.1	73.4	110.0
89	46.4	36.6	55.0



#82
4-Chlorotoluene
Concen: 155.078 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013146.D
Acq: 30 Mar 2023 12:06

Tgt Ion:	91	Resp:	728290
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.7	53.1





#83

tert-Butylbenzene

Concen: 161.072 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

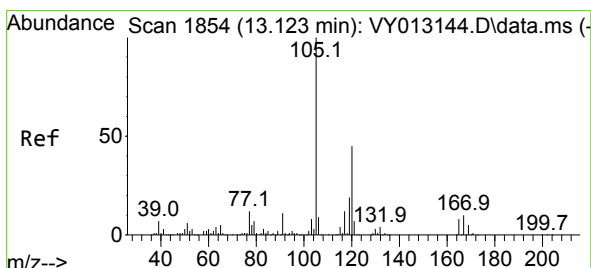
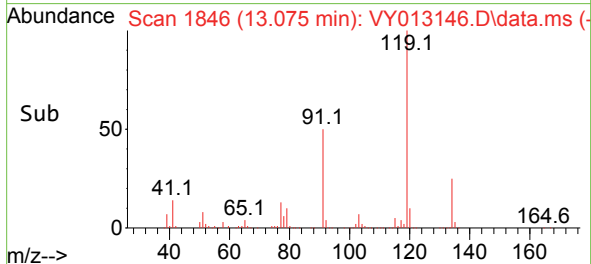
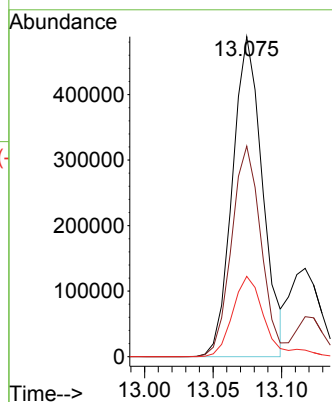
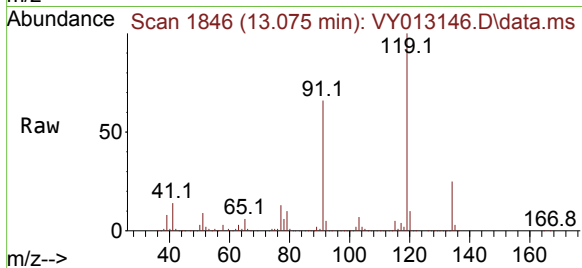
Tgt Ion:119 Resp: 748086

Ion Ratio Lower Upper

119 100

91 64.2 32.8 98.3

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 159.250 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013146.D

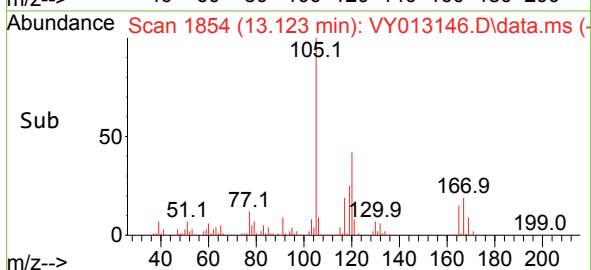
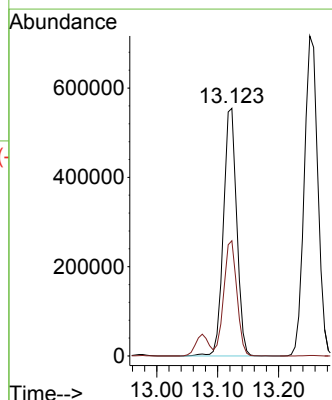
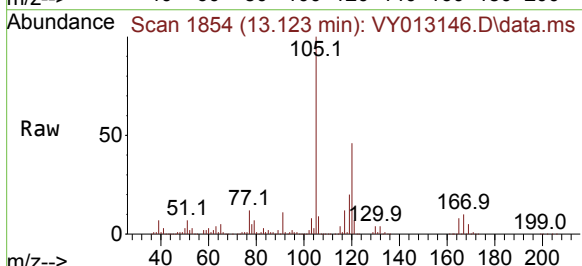
Acq: 30 Mar 2023 12:06

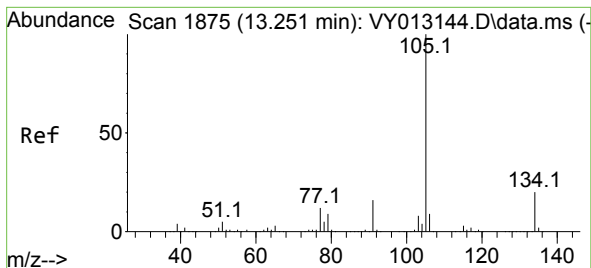
Tgt Ion:105 Resp: 843299

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 157.421 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

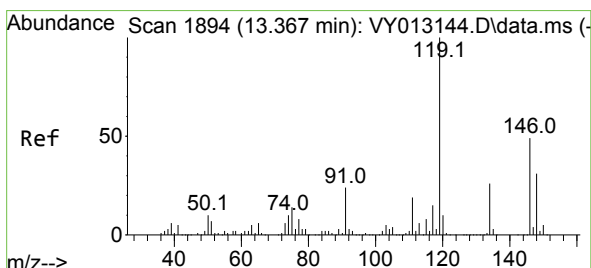
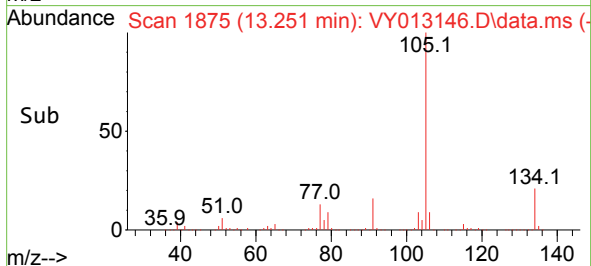
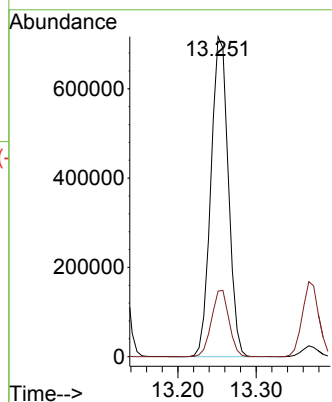
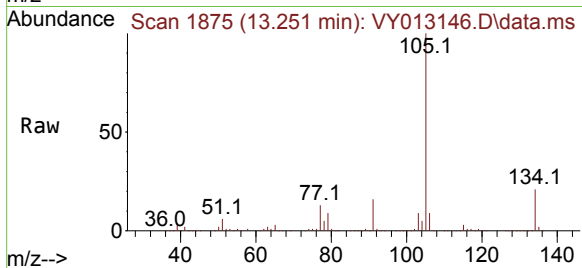
VSTDIC150

Tgt Ion:105 Resp: 1103948

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 159.722 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

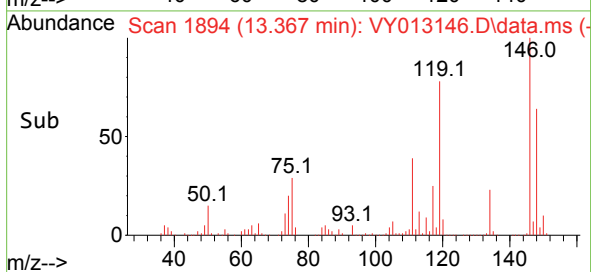
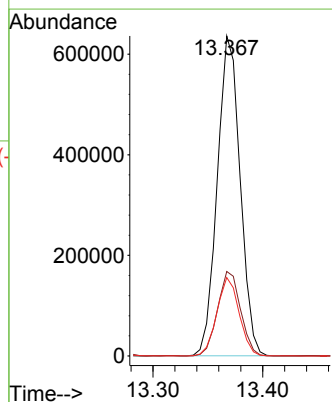
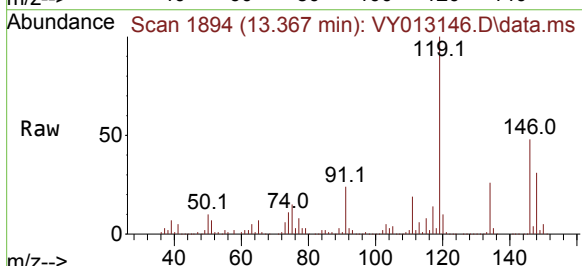
Tgt Ion:119 Resp: 922091

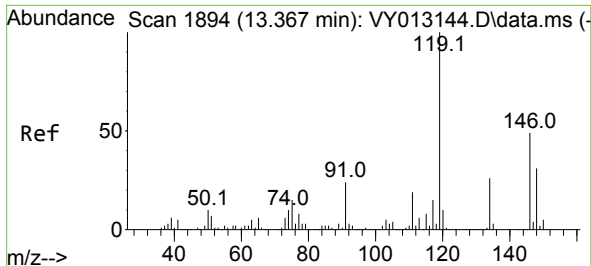
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

91 23.9 11.8 35.3

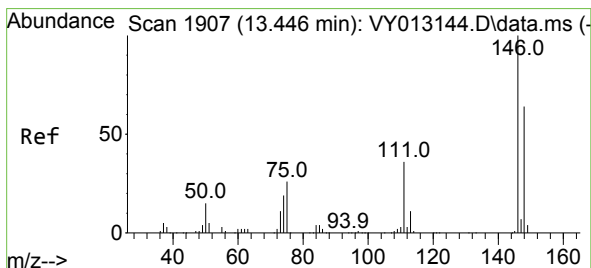
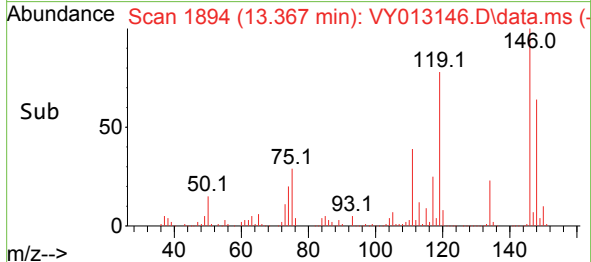
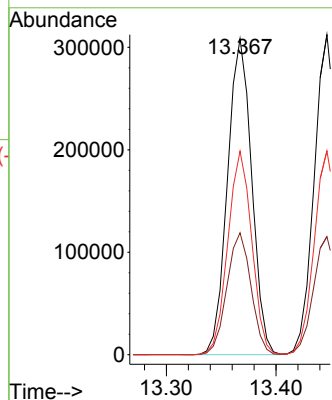
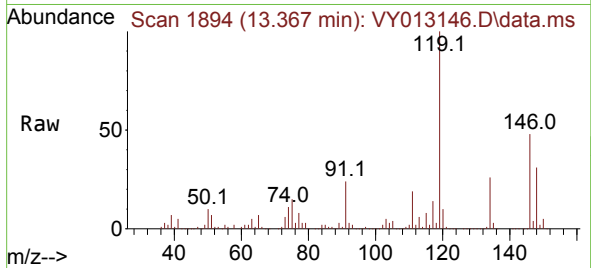




#87
 1,3-Dichlorobenzene
 Concen: 148.503 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

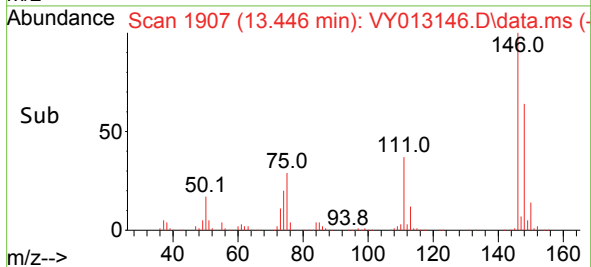
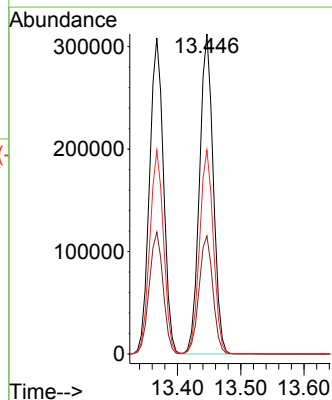
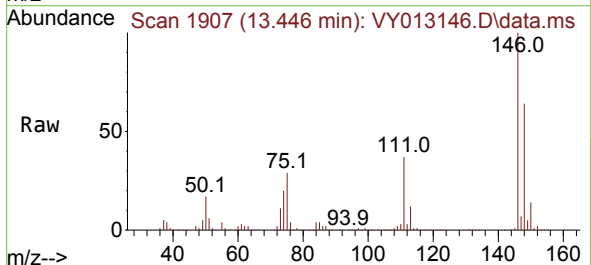
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

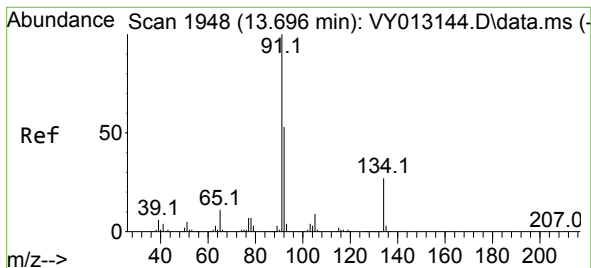
Tgt Ion:146 Resp: 473357
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.5
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 147.947 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013146.D
 Acq: 30 Mar 2023 12:06

Tgt Ion:146 Resp: 472560
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 160.490 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

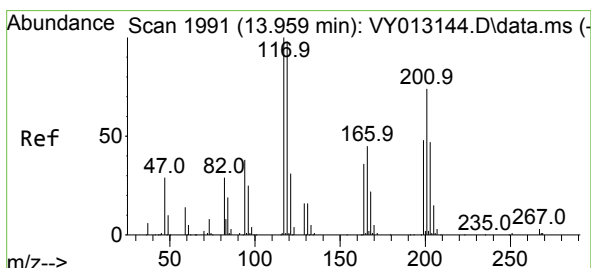
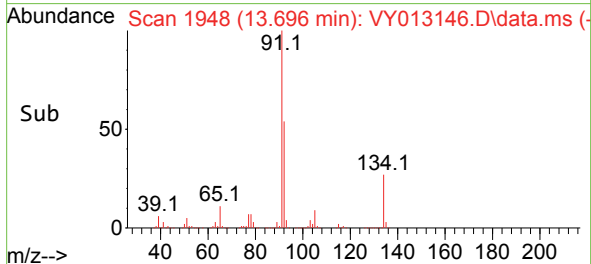
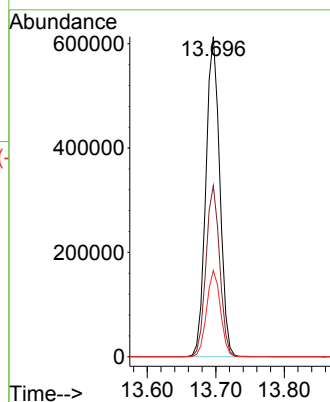
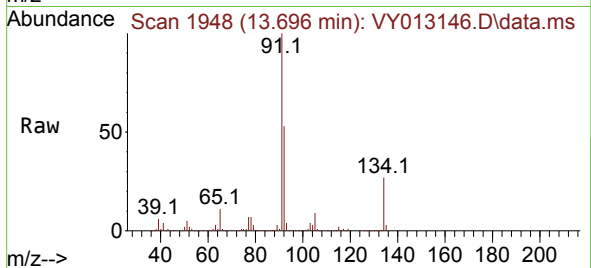
Tgt Ion: 91 Resp: 866153

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 26.8 13.0 38.9



#90

Hexachloroethane

Concen: 152.417 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013146.D

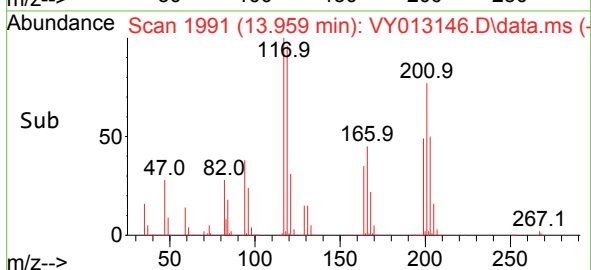
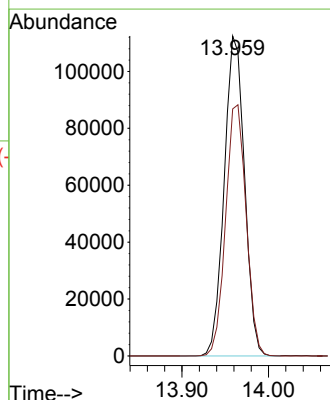
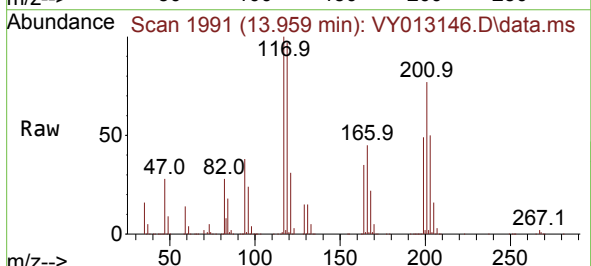
Acq: 30 Mar 2023 12:06

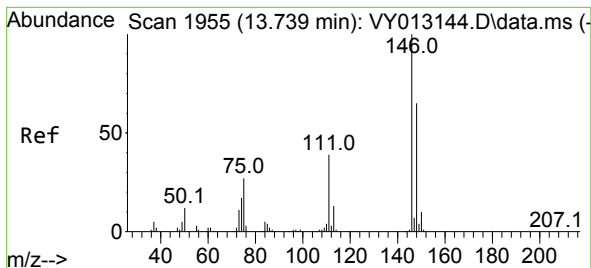
Tgt Ion: 117 Resp: 183305

Ion Ratio Lower Upper

117 100

201 79.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 149.304 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

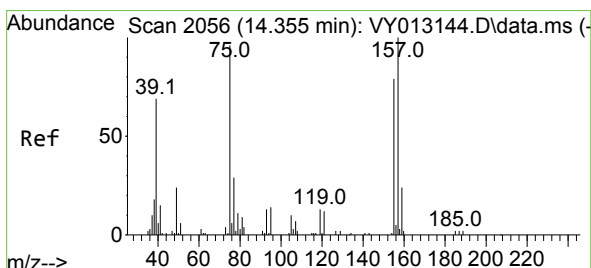
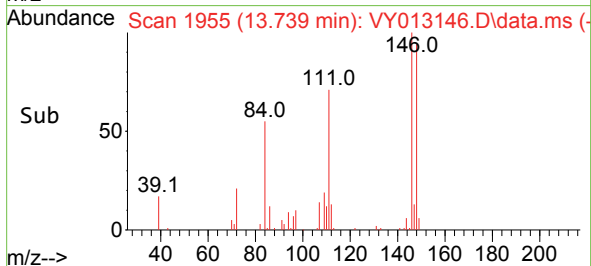
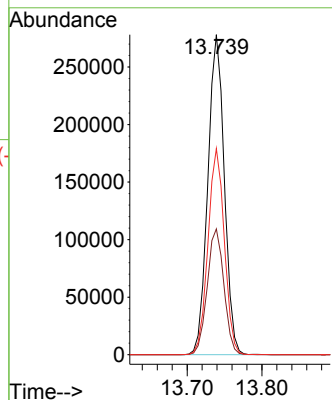
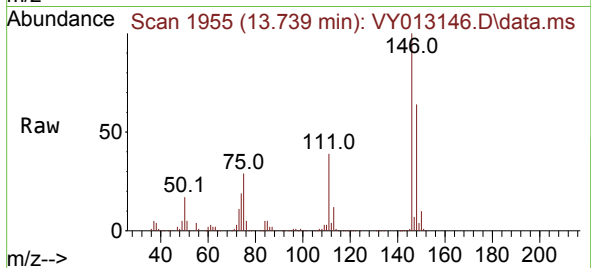
Tgt Ion:146 Resp: 425025

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 64.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 148.261 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

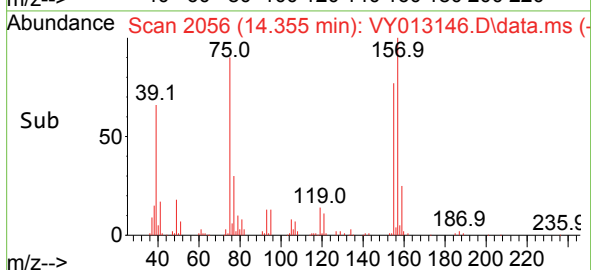
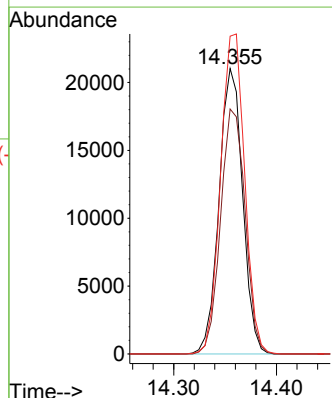
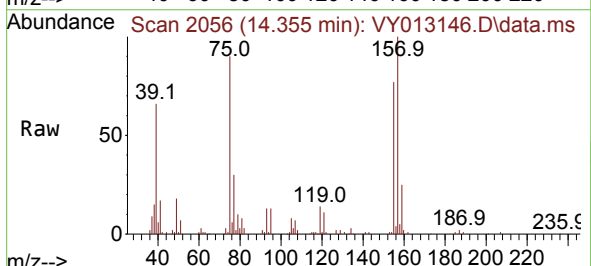
Tgt Ion: 75 Resp: 33423

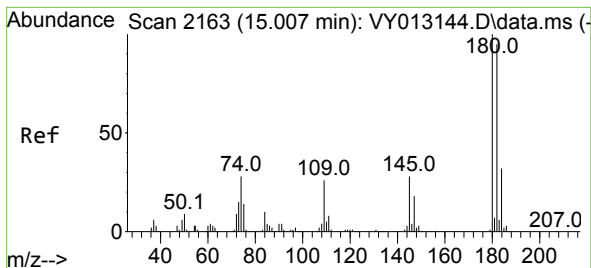
Ion Ratio Lower Upper

75 100

155 89.2 43.8 131.4

157 114.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 166.049 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

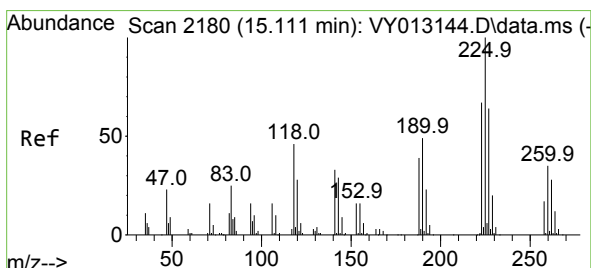
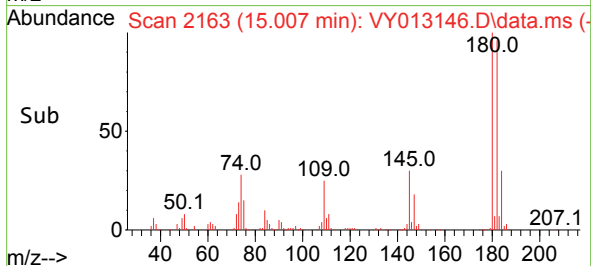
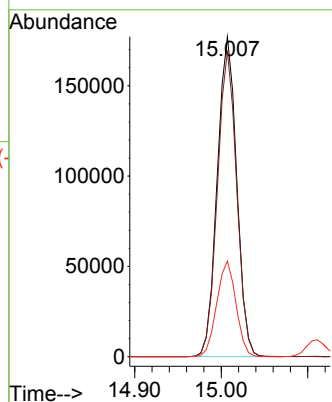
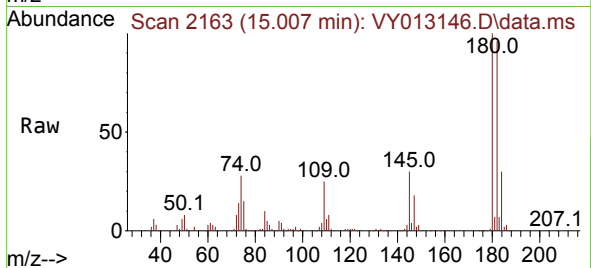
Tgt Ion:180 Resp: 275655

Ion Ratio Lower Upper

180 100

182 94.6 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 152.665 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

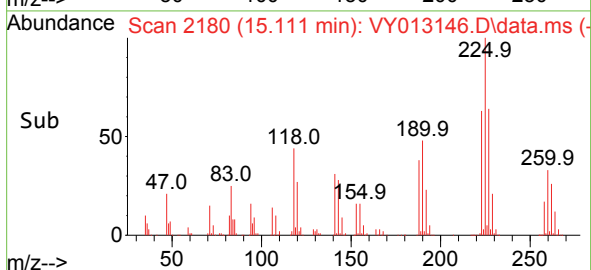
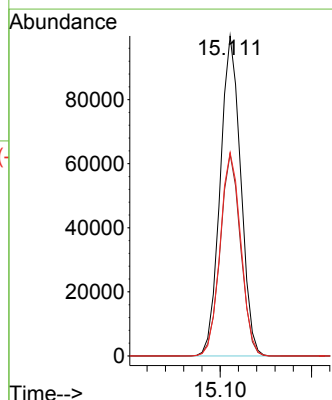
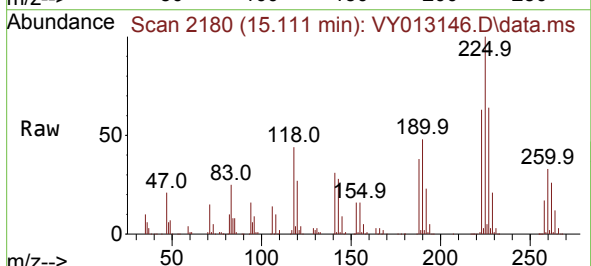
Tgt Ion:225 Resp: 155867

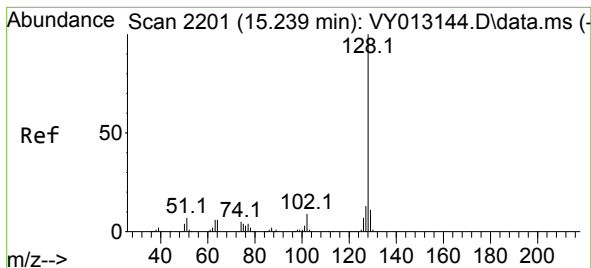
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.3

227 64.2 32.4 97.0





#95

Naphthalene

Concen: 151.004 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

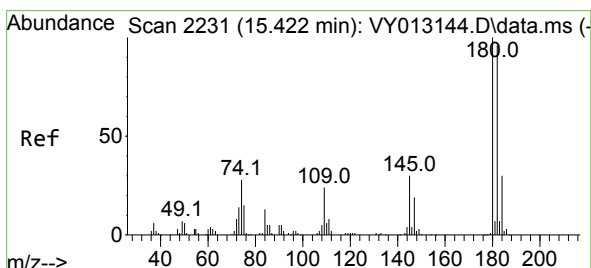
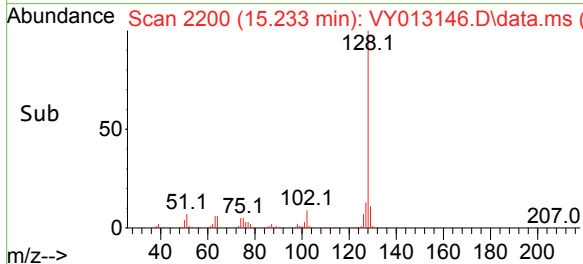
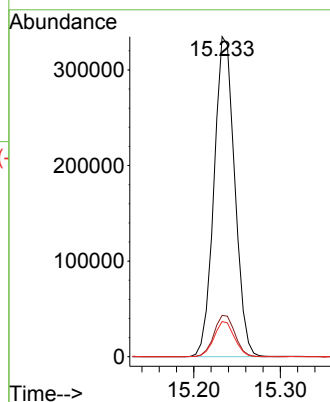
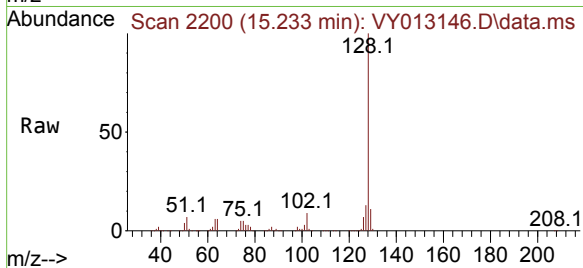
Tgt Ion:128 Resp: 555526

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 164.846 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013146.D

Acq: 30 Mar 2023 12:06

Tgt Ion:180 Resp: 241105

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.3

145 31.8 15.3 45.8

