

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012283.D
 Acq On : 20 Jan 2023 12:18
 Operator : KP/MD
 Sample : VY0120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Quant Time: Jan 23 02:17:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86275	45.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.060%
35) Dibromofluoromethane	7.716	113	83421	46.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.440%
50) Toluene-d8	10.179	98	305350	48.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.483	95	113977	44.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41210	20.788	ug/l	99
3) Chloromethane	2.113	50	38299	20.927	ug/l	98
4) Vinyl Chloride	2.253	62	44417	20.793	ug/l	99
5) Bromomethane	2.644	94	32835	19.882	ug/l	96
6) Chloroethane	2.790	64	28412	20.395	ug/l	95
7) Trichlorofluoromethane	3.125	101	81545	19.560	ug/l	99
8) Diethyl Ether	3.527	74	24280	19.572	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	42441	20.917	ug/l	96
10) Methyl Iodide	4.088	142	55677	18.056	ug/l	98
11) Tert butyl alcohol	4.948	59	32793	141.626	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	42948	20.614	ug/l	92
13) Acrolein	3.729	56	11241	117.085	ug/l	98
14) Allyl chloride	4.479	41	54771	21.261	ug/l #	92
15) Acrylonitrile	5.155	53	54189	100.003	ug/l	99
16) Acetone	3.942	43	54185	85.780	ug/l	98
17) Carbon Disulfide	4.192	76	131323	20.378	ug/l	99
18) Methyl Acetate	4.479	43	28064	19.855	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	111872	19.262	ug/l	96
20) Methylene Chloride	4.716	84	59066	17.106	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	48584	20.897	ug/l	90
22) Diisopropyl ether	6.112	45	111231	21.658	ug/l #	90
23) Vinyl Acetate	6.064	43	328016	102.495	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	74811	21.001	ug/l	96
25) 2-Butanone	6.984	43	69394	99.510	ug/l	92
26) 2,2-Dichloropropane	6.978	77	76441	19.767	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	53071	20.781	ug/l	94
28) Bromochloromethane	7.338	49	15632	20.093	ug/l #	79
29) Tetrahydrofuran	7.350	42	38757	101.180	ug/l #	85
30) Chloroform	7.508	83	83850	19.940	ug/l	99
31) Cyclohexane	7.789	56	69457	21.000	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	81819	19.653	ug/l	98
36) 1,1-Dichloropropene	7.917	75	63457	20.688	ug/l	98
37) Ethyl Acetate	7.070	43	27226	20.135	ug/l #	94
38) Carbon Tetrachloride	7.905	117	77245	19.499	ug/l	98
39) Methylcyclohexane	9.185	83	80734	21.538	ug/l	95
40) Benzene	8.161	78	184654	20.858	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	37513	47.198	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	53908	19.127	ug/l	99
43) Isopropyl Acetate	8.271	43	50842	20.210	ug/l	95
44) Trichloroethene	8.941	130	55199	20.861	ug/l	94
45) 1,2-Dichloropropane	9.215	63	40710	22.038	ug/l	98
46) Dibromomethane	9.301	93	24856	20.099	ug/l	95
47) Bromodichloromethane	9.496	83	62089	19.945	ug/l	100
48) Methyl methacrylate	9.295	41	23784	20.519	ug/l	93
49) 1,4-Dioxane	9.301	88	6514	386.562	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	134557	100.307	ug/l	94
52) Toluene	10.246	92	120131	20.380	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	64686	19.866	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	72447	20.660	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	35149	20.005	ug/l	96
56) Ethyl methacrylate	10.508	69	45634	19.797	ug/l	93
57) 1,3-Dichloropropane	10.788	76	59444	20.716	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	78605	103.058	ug/l	91
59) 2-Hexanone	10.831	43	100609	98.509	ug/l	94
60) Dibromochloromethane	10.983	129	46295	19.866	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34284	20.221	ug/l	98
64) Tetrachloroethene	10.721	164	60942	21.646	ug/l	95
65) Chlorobenzene	11.514	112	129808	20.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	49644	20.834	ug/l	98
67) Ethyl Benzene	11.593	91	231265	20.498	ug/l	98
68) m/p-Xylenes	11.703	106	182477	40.906	ug/l	99
69) o-Xylene	12.026	106	87111	20.445	ug/l	96
70) Styrene	12.044	104	147001	20.649	ug/l	99
71) Bromoform	12.209	173	30352	19.937	ug/l #	99
73) Isopropylbenzene	12.331	105	235157	20.914	ug/l	99
74) N-amyl acetate	12.142	43	43943	19.936	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	36132	20.401	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	54527	38.028	ug/l #	100
77) Bromobenzene	12.611	156	55835	20.636	ug/l	93
78) n-propylbenzene	12.672	91	276552	21.018	ug/l	98
79) 2-Chlorotoluene	12.758	91	155111	20.850	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	204610	20.933	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14658	21.063	ug/l	95
82) 4-Chlorotoluene	12.855	91	160219	20.503	ug/l	97
83) tert-Butylbenzene	13.075	119	172697	20.271	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	199431	20.689	ug/l	99
85) sec-Butylbenzene	13.251	105	253471	20.897	ug/l	98
86) p-Isopropyltoluene	13.367	119	218746	20.641	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	109958	20.434	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	109323	20.371	ug/l	99
89) n-Butylbenzene	13.696	91	189825	20.669	ug/l	98
90) Hexachloroethane	13.965	117	39839	20.824	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	97474	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6862	18.748	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	57945	18.834	ug/l	99
94) Hexachlorobutadiene	15.111	225	37114	20.036	ug/l	98
95) Naphthalene	15.239	128	107806	17.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49149	18.564	ug/l	99

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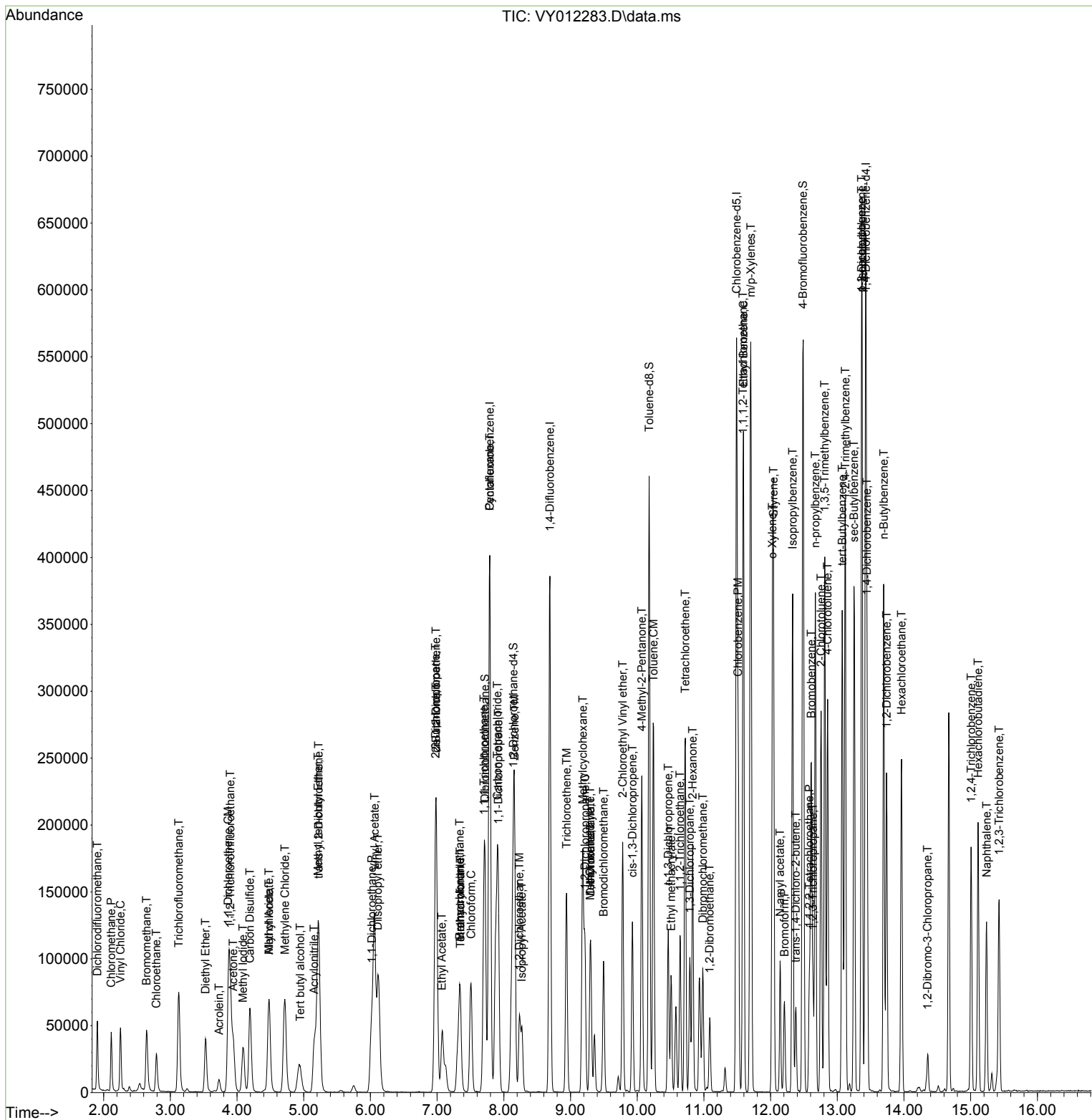
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

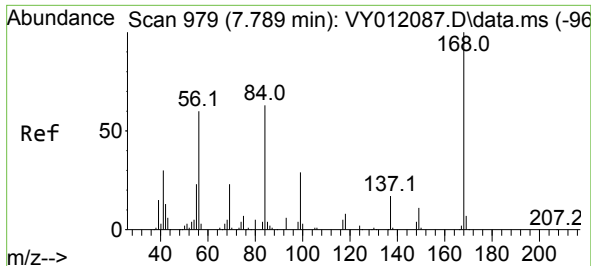
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

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

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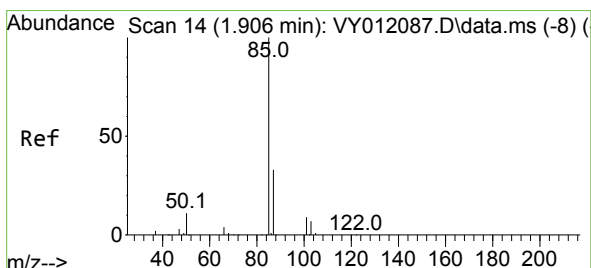
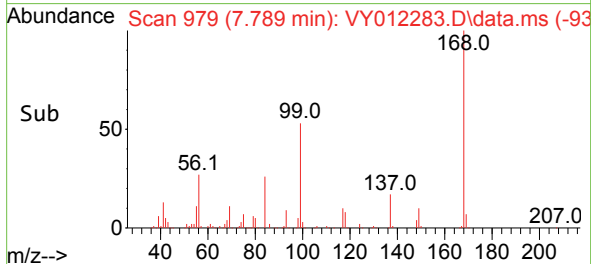
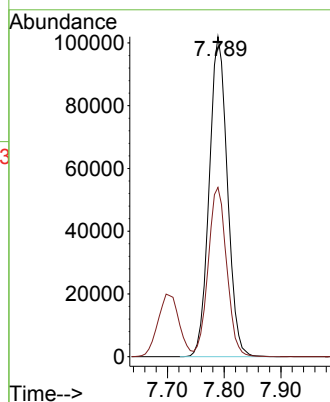
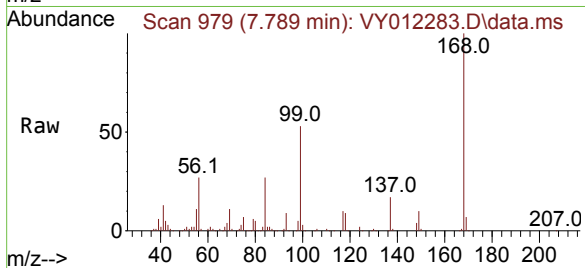




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012283.D
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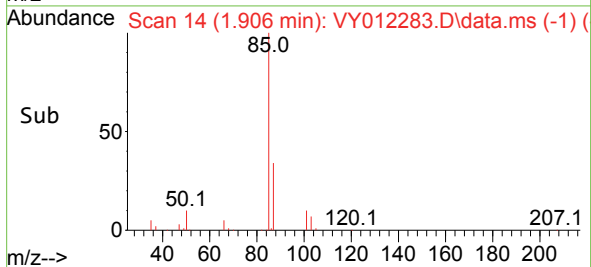
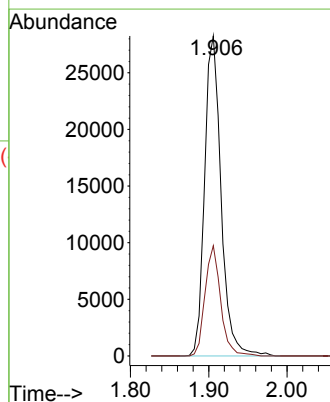
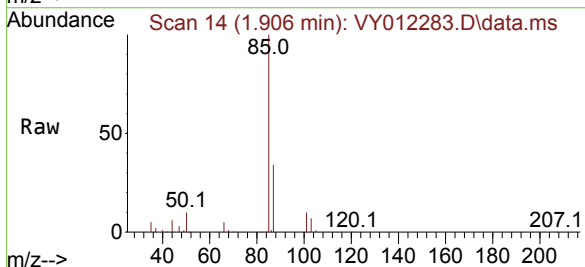
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

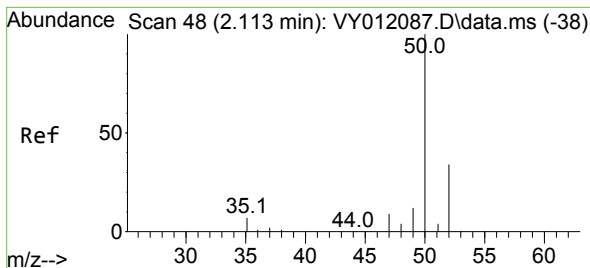
Tgt Ion:168 Resp: 226848
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 20.788 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 85 Resp: 41210
Ion Ratio Lower Upper
85 100
87 34.4 16.8 50.4





#3

Chloromethane

Concen: 20.927 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

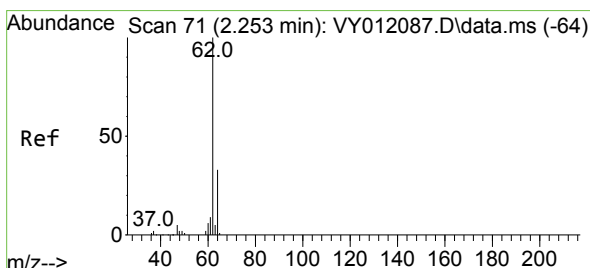
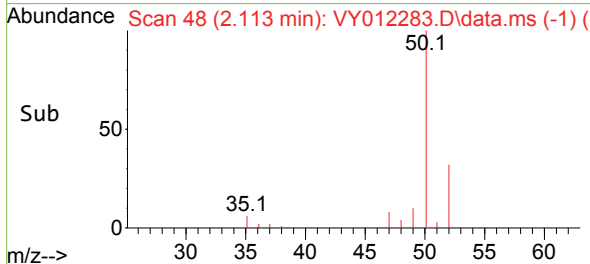
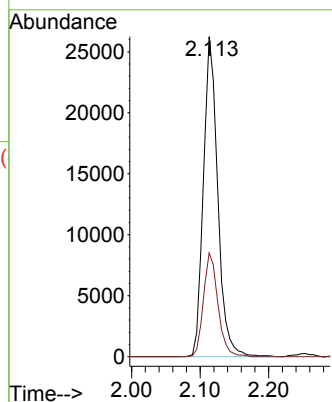
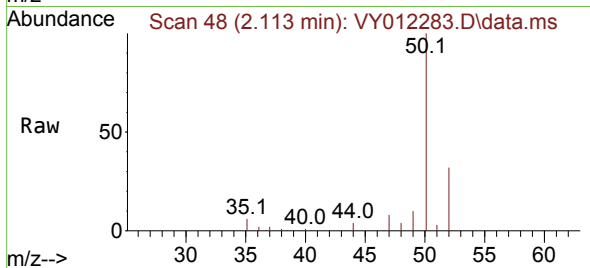
VY0120SBS01

Tgt Ion: 50 Resp: 38299

Ion Ratio Lower Upper

50 100

52 32.4 26.8 40.2



#4

Vinyl Chloride

Concen: 20.793 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012283.D

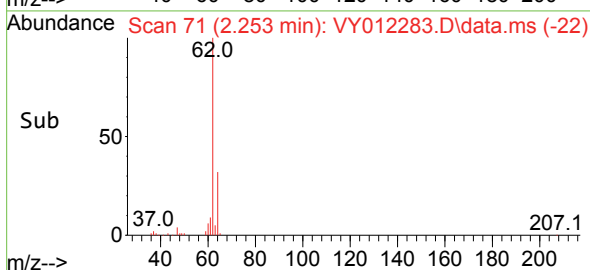
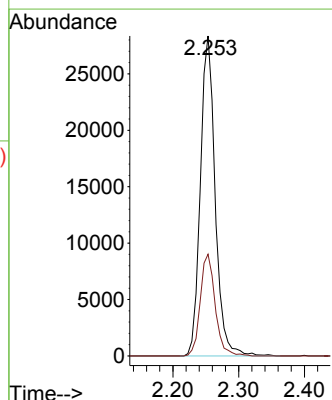
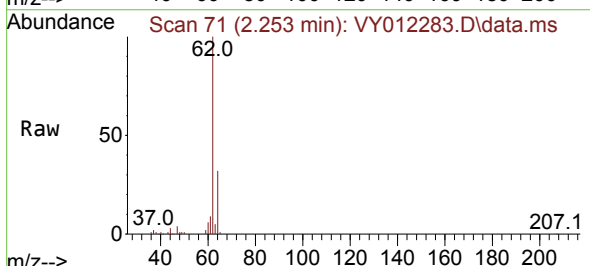
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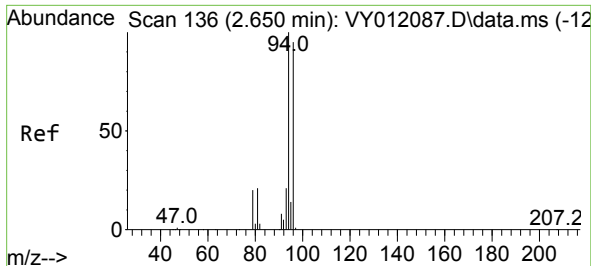
Tgt Ion: 62 Resp: 44417

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.6

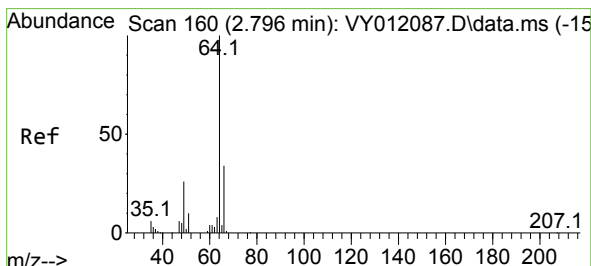
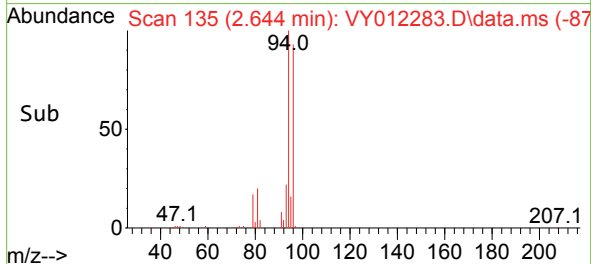
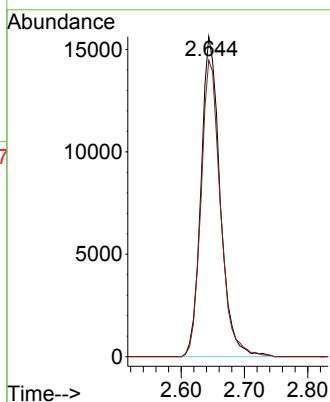
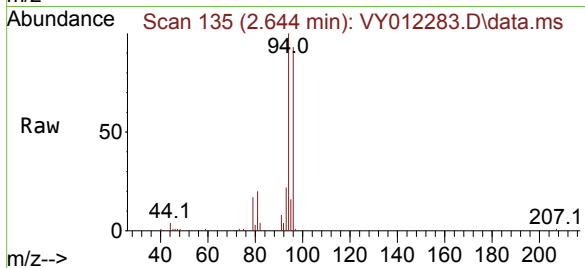




#5
Bromomethane
Concen: 19.882 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012283.D
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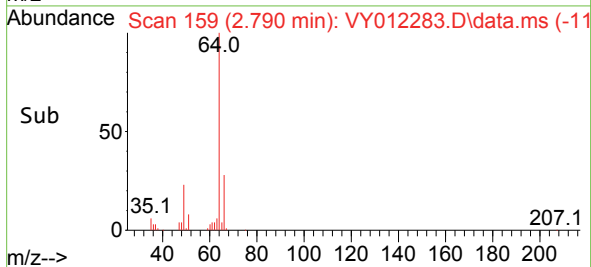
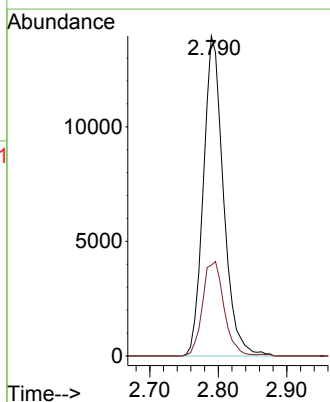
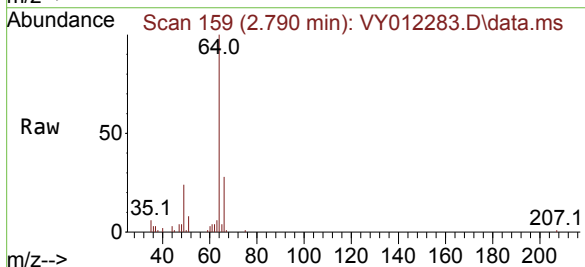
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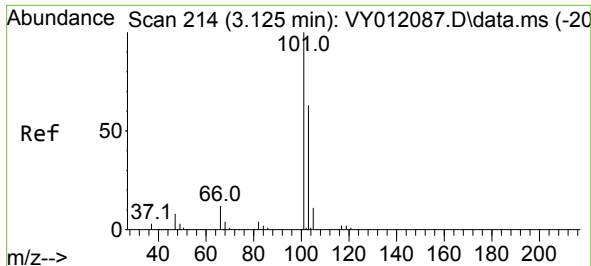
Tgt Ion: 94 Resp: 32835
Ion Ratio Lower Upper
94 100
96 92.6 77.4 116.2



#6
Chloroethane
Concen: 20.395 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 64 Resp: 28412
Ion Ratio Lower Upper
64 100
66 28.4 25.0 37.4

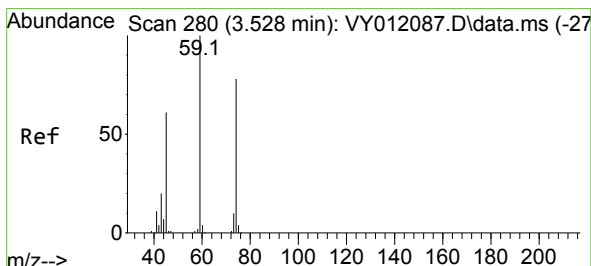
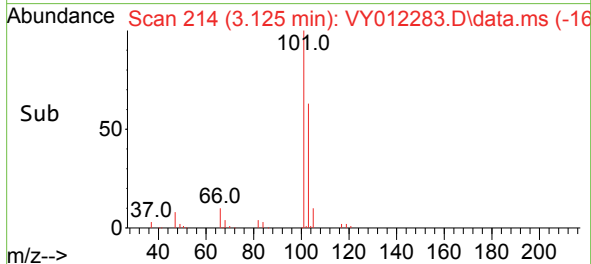
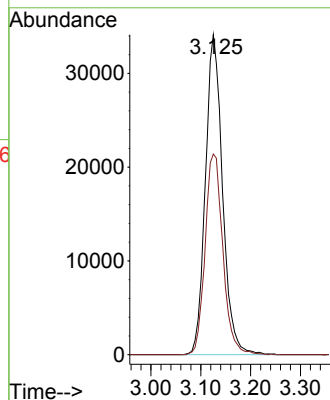
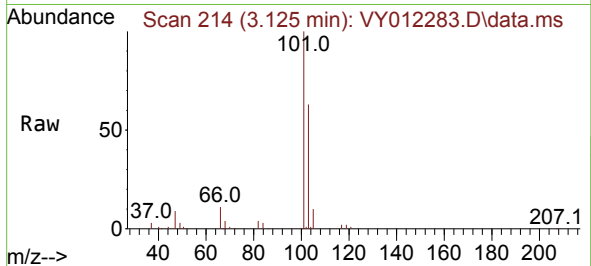




#7
 Trichlorofluoromethane
 Concen: 19.560 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012283.D
 Acq: 20 Jan 2023 12:18

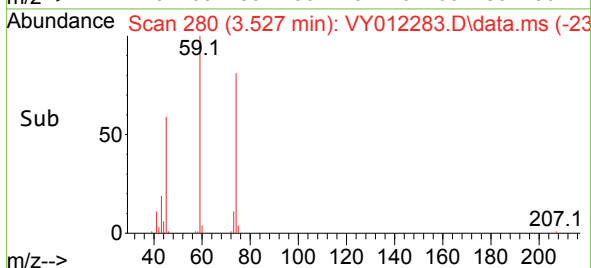
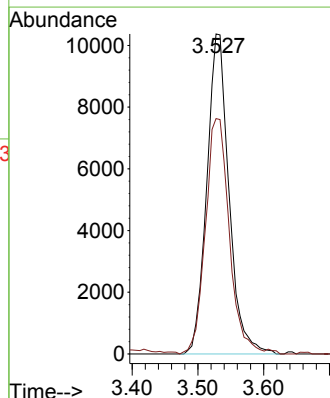
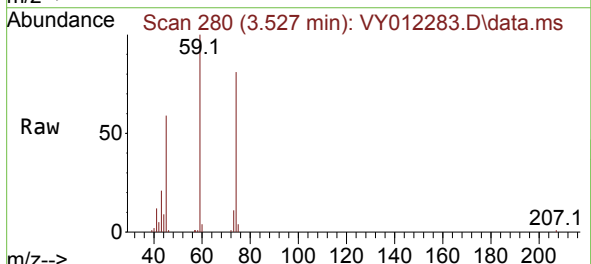
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBSD01

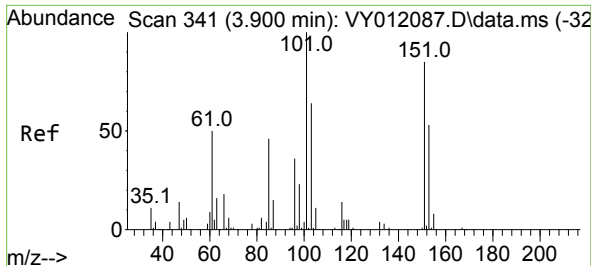
Tgt Ion:101 Resp: 81545
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.0 76.6



#8
 Diethyl Ether
 Concen: 19.572 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 24280
 Ion Ratio Lower Upper
 74 100
 45 79.0 46.8 140.3

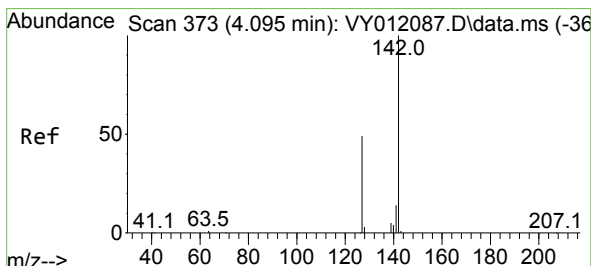
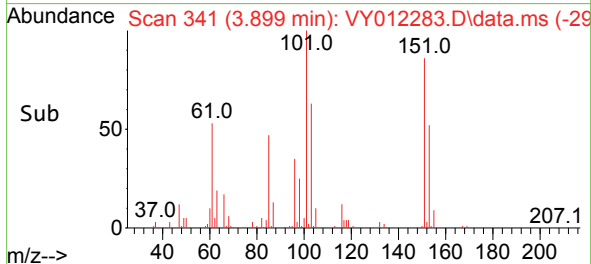
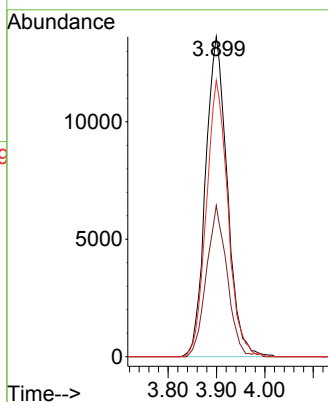
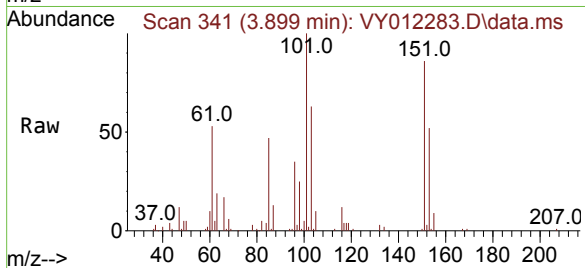




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.917 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

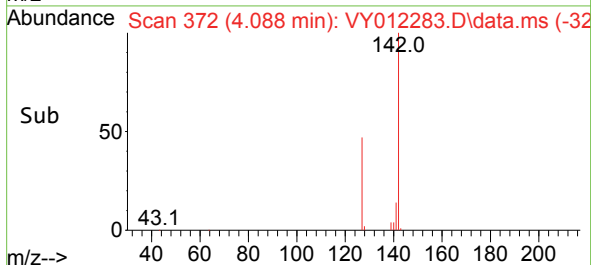
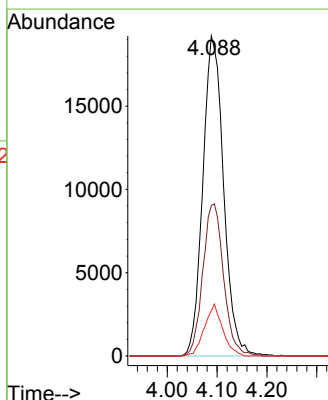
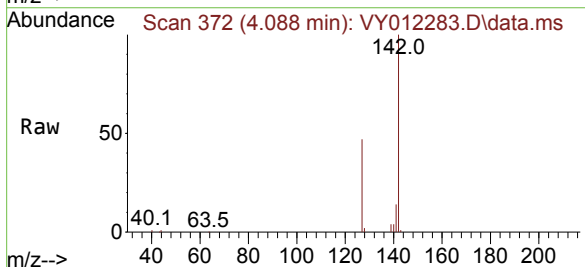
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

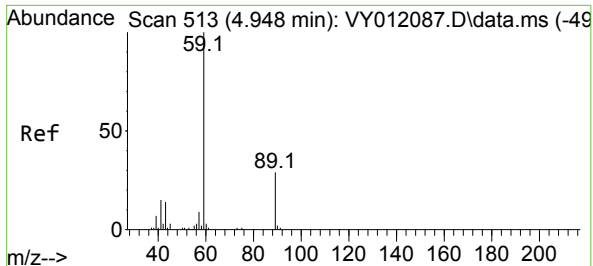
Tgt Ion:101 Resp: 42441
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.2
151 85.7 64.2 96.2



#10
Methyl Iodide
Concen: 18.056 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion:142 Resp: 55677
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 14.2 11.4 17.0

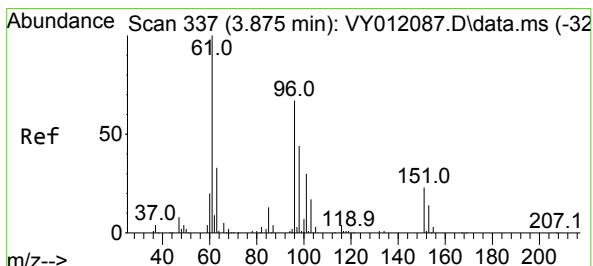
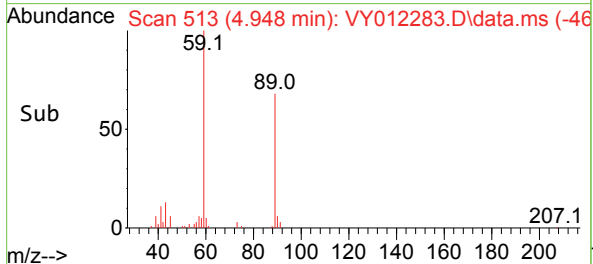
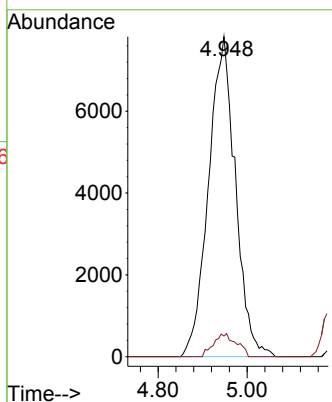
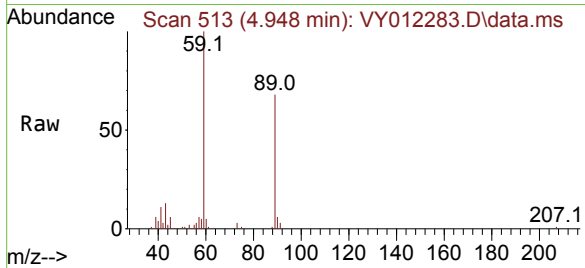




#11
Tert butyl alcohol
Concen: 141.626 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

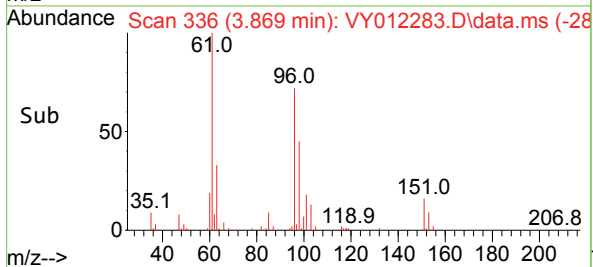
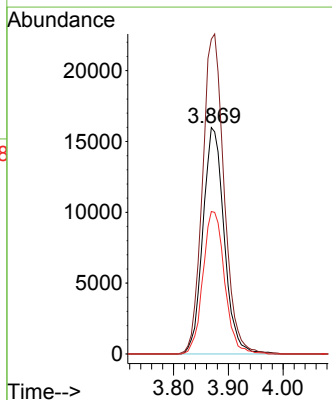
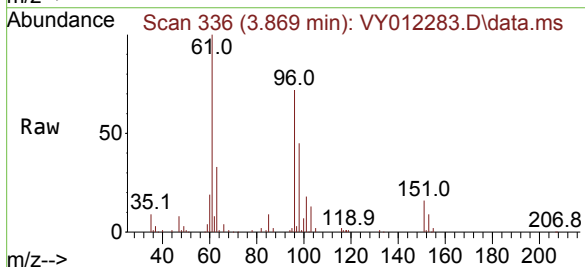
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

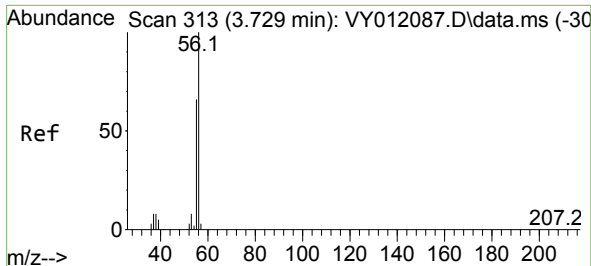
Tgt Ion: 59 Resp: 32793
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 20.614 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 96 Resp: 42948
Ion Ratio Lower Upper
96 100
61 139.0 122.0 183.0
98 62.9 48.6 73.0

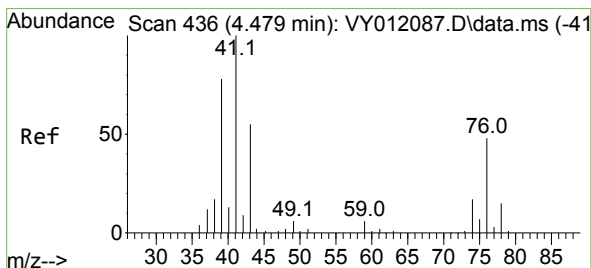
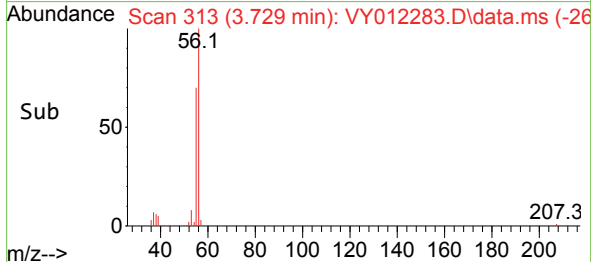
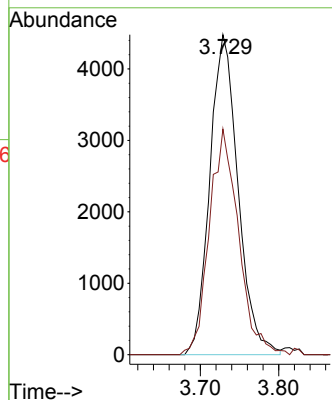
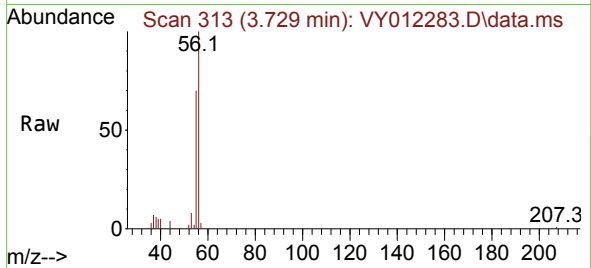




#13
Acrolein
Concen: 117.085 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

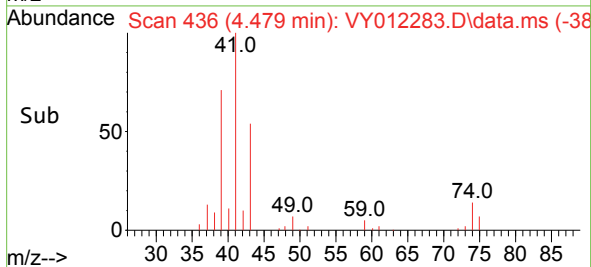
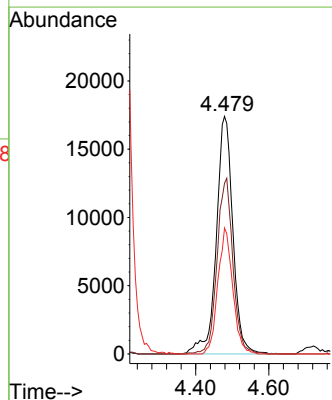
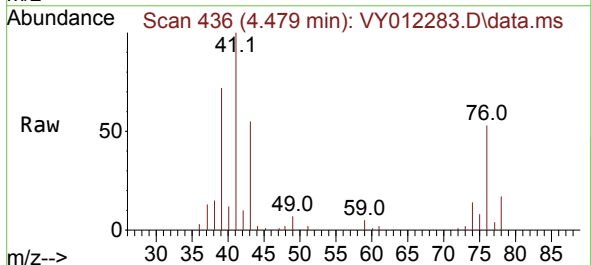
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

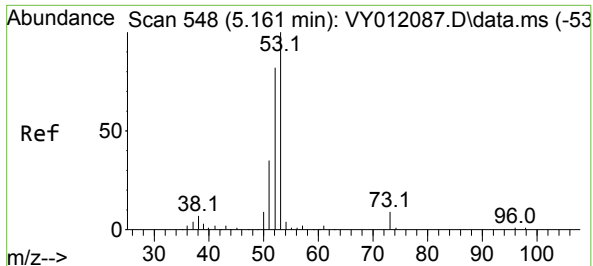
Tgt Ion: 56 Resp: 11241
Ion Ratio Lower Upper
56 100
55 72.6 56.6 85.0



#14
Allyl chloride
Concen: 21.261 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 41 Resp: 54771
Ion Ratio Lower Upper
41 100
39 71.0 53.5 80.3
76 47.6 31.1 46.7#





#15

Acrylonitrile

Concen: 100.003 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

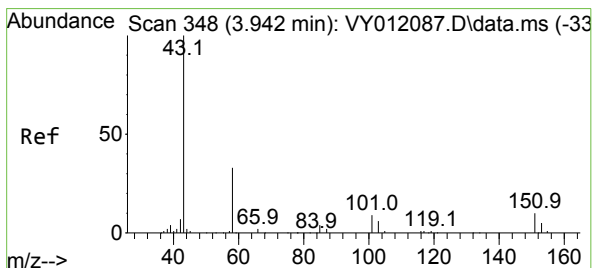
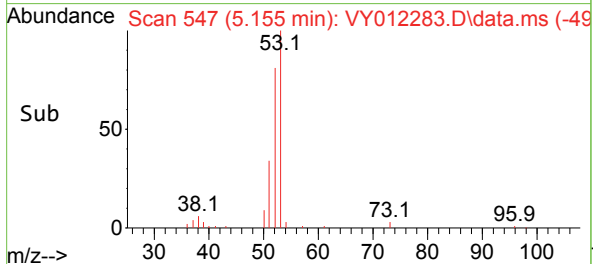
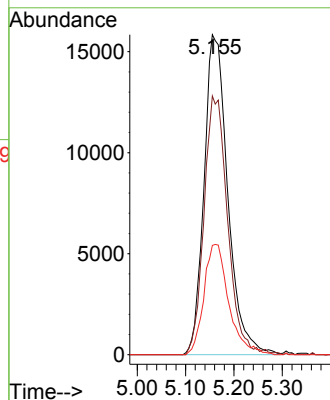
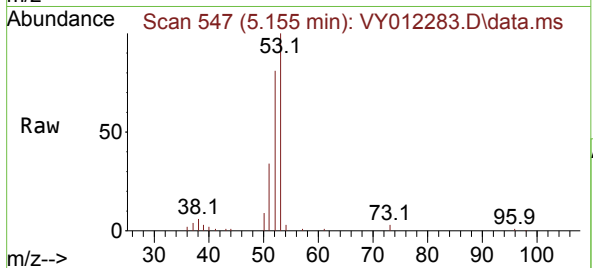
Tgt Ion: 53 Resp: 54189

Ion Ratio Lower Upper

53 100

52 80.4 65.1 97.7

51 36.0 28.7 43.1



#16

Acetone

Concen: 85.780 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY012283.D

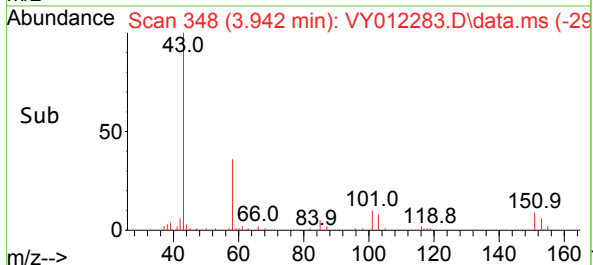
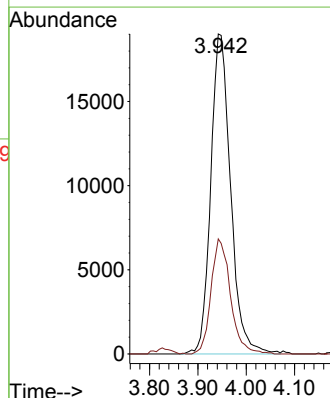
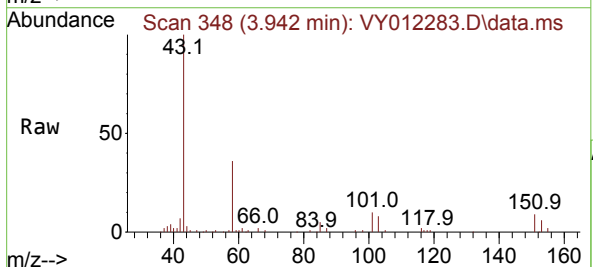
Acq: 20 Jan 2023 12:18

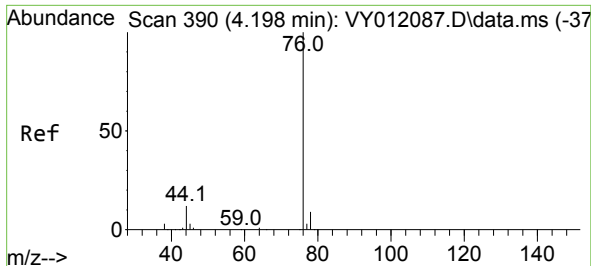
Tgt Ion: 43 Resp: 54185

Ion Ratio Lower Upper

43 100

58 36.0 27.9 41.9

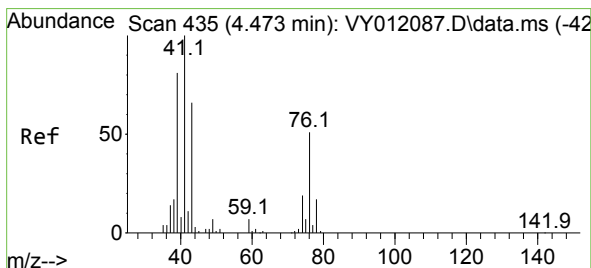
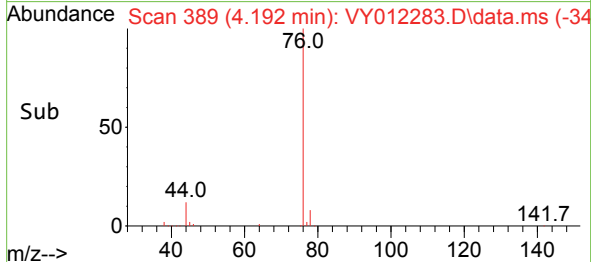
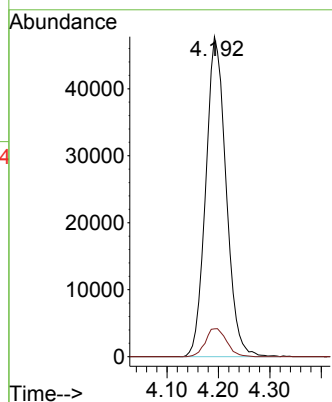
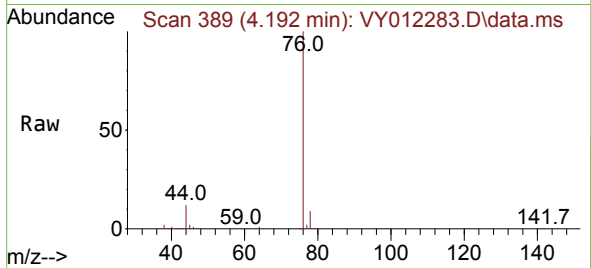




#17
Carbon Disulfide
Concen: 20.378 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

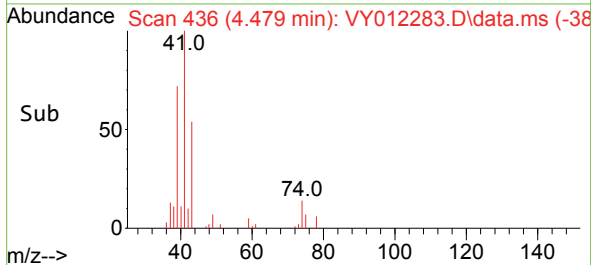
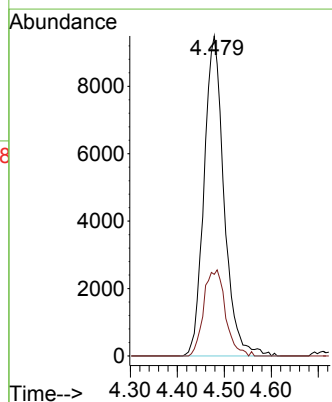
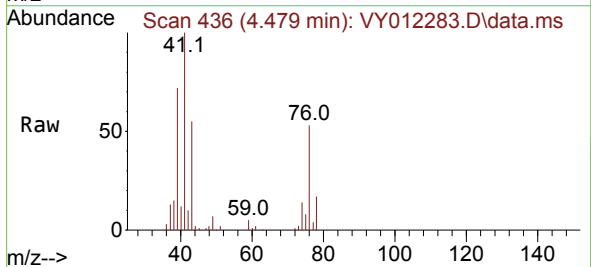
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

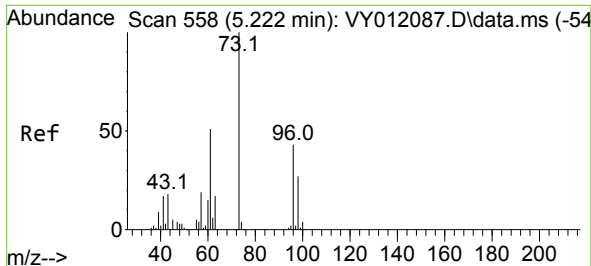
Tgt Ion: 76 Resp: 131323
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 19.855 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 43 Resp: 28064
Ion Ratio Lower Upper
43 100
74 29.1 20.1 30.1

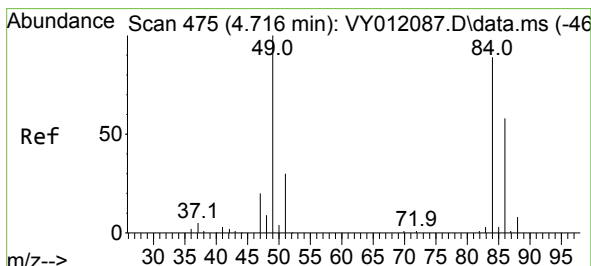
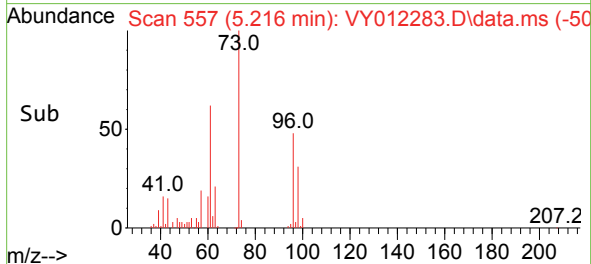
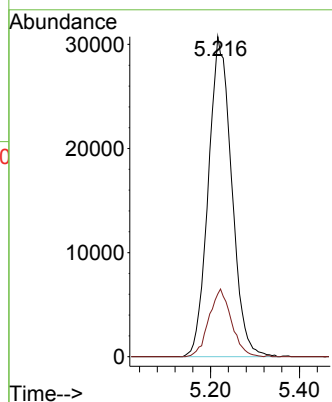
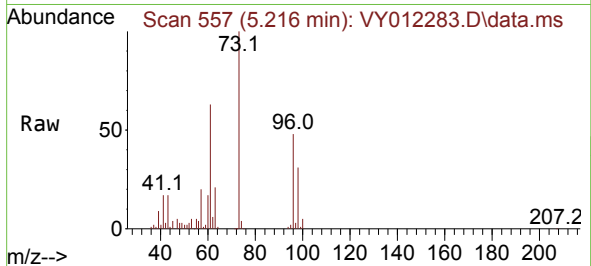




#19
Methyl tert-butyl Ether
Concen: 19.262 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

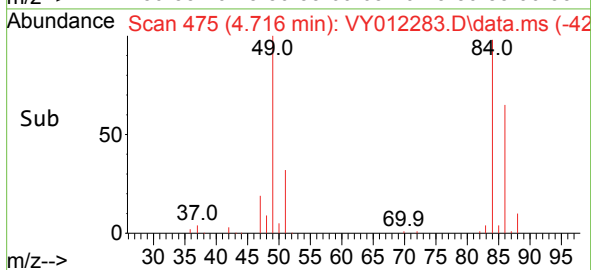
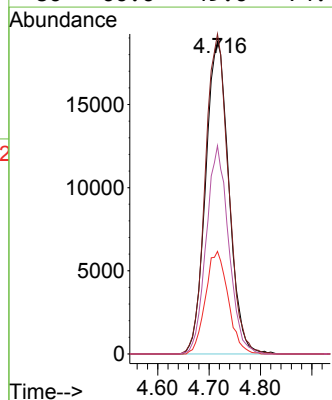
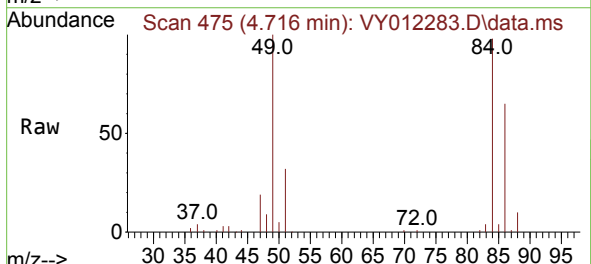
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

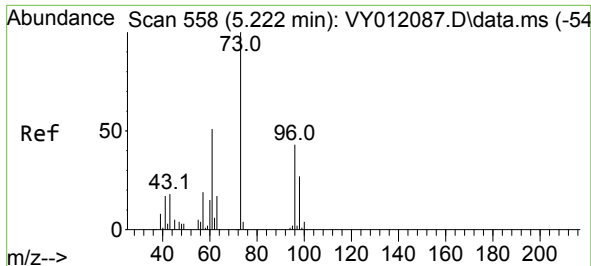
Tgt Ion: 73 Resp: 111872
Ion Ratio Lower Upper
73 100
57 19.6 17.4 26.0



#20
Methylene Chloride
Concen: 17.106 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 84 Resp: 59066
Ion Ratio Lower Upper
84 100
49 102.3 95.4 143.2
51 32.8 29.9 44.9
86 66.6 49.6 74.4

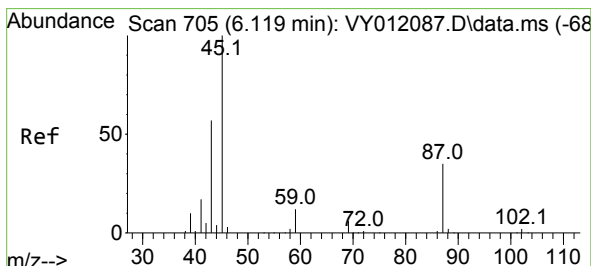
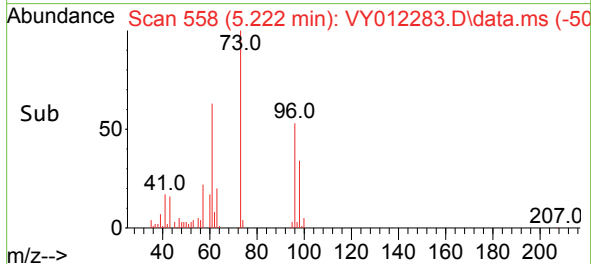
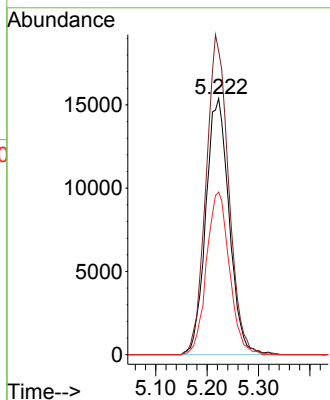
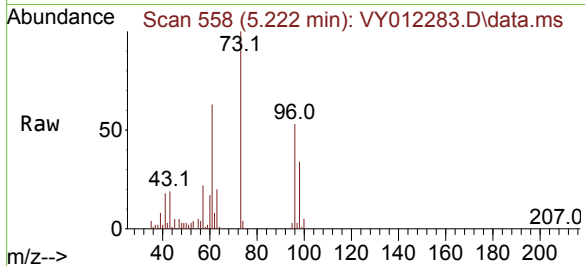




#21
trans-1,2-Dichloroethene
Concen: 20.897 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

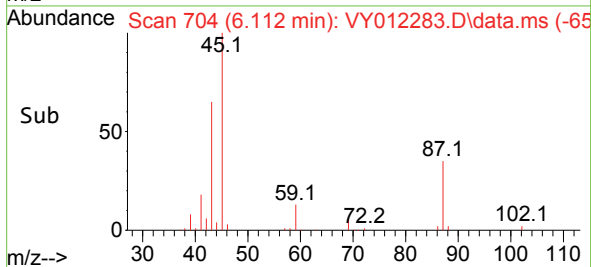
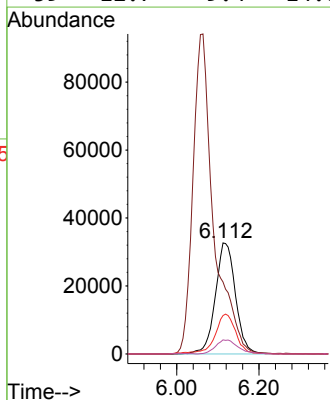
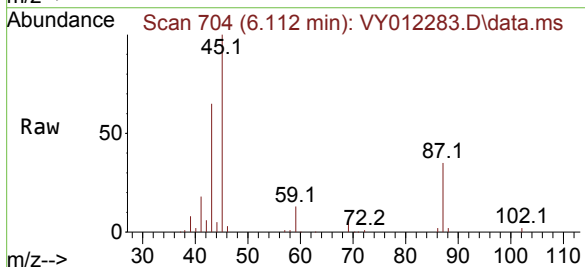
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

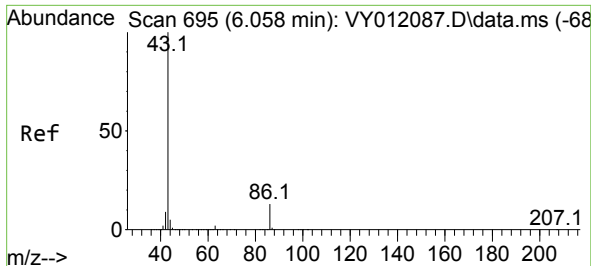
Tgt Ion: 96 Resp: 48584
Ion Ratio Lower Upper
96 100
61 118.4 108.0 162.0
98 63.4 51.6 77.4



#22
Diisopropyl ether
Concen: 21.658 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 45 Resp: 111231
Ion Ratio Lower Upper
45 100
43 64.3 45.0 67.4
87 34.6 22.6 33.8#
59 12.7 9.4 14.0

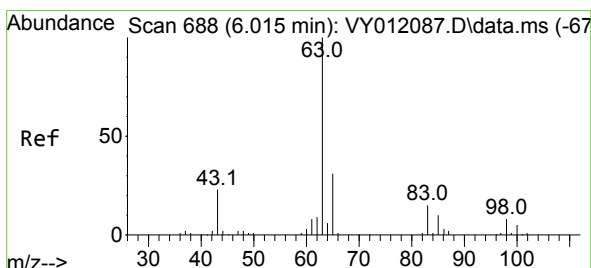
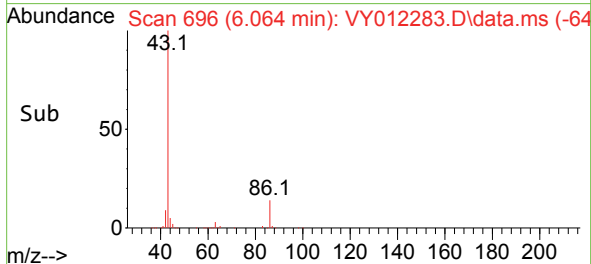
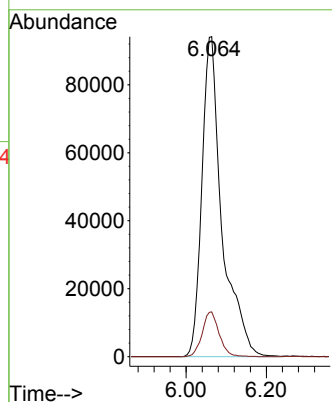
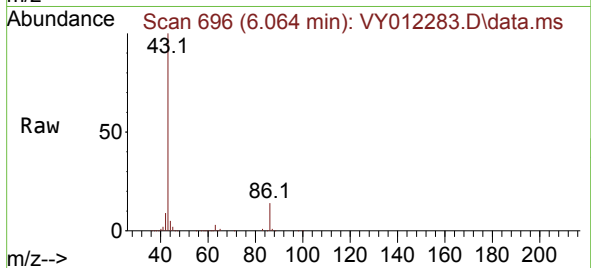




#23
 Vinyl Acetate
 Concen: 102.495 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012283.D
 Acq: 20 Jan 2023 12:18

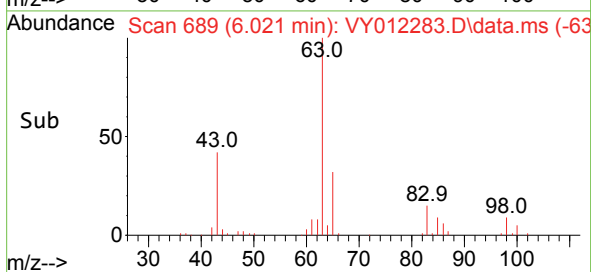
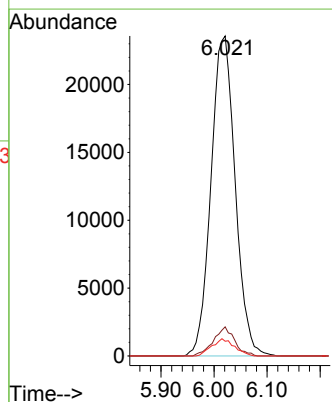
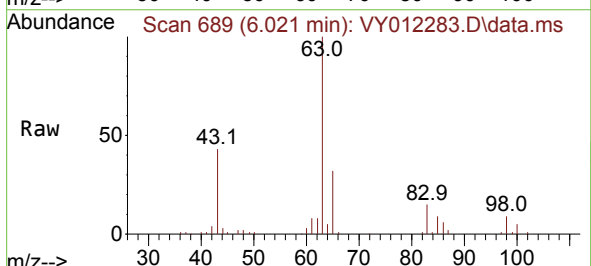
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

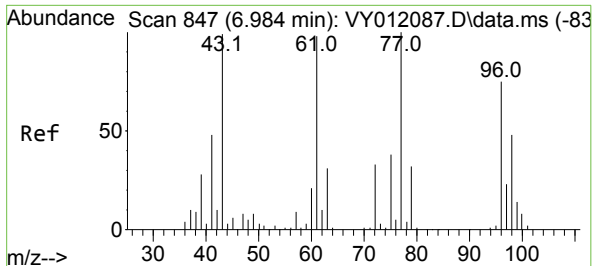
Tgt Ion: 43 Resp: 328016
 Ion Ratio Lower Upper
 43 100
 86 14.0 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 21.001 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012283.D
 Acq: 20 Jan 2023 12:18

Tgt Ion: 63 Resp: 74811
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.5 10.5
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 99.510 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

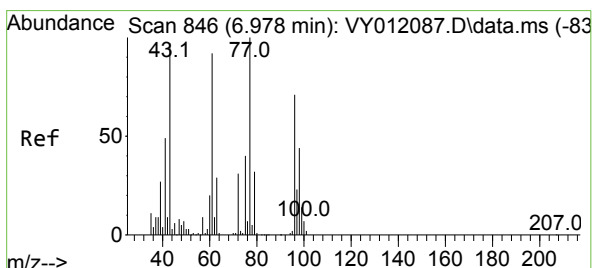
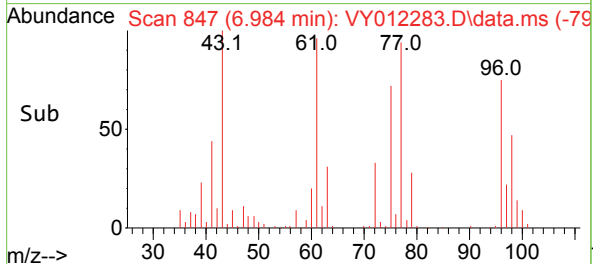
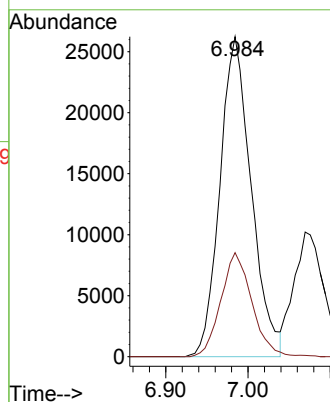
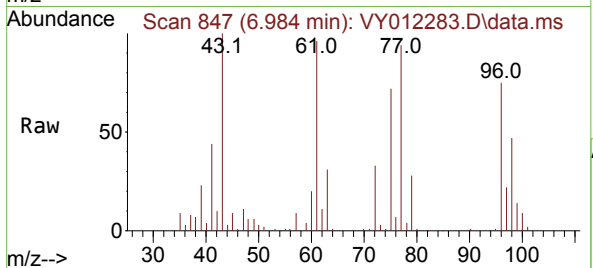
VY0120SBS01

Tgt Ion: 43 Resp: 69394

Ion Ratio Lower Upper

43 100

72 32.5 22.6 34.0



#26

2,2-Dichloropropane

Concen: 19.767 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY012283.D

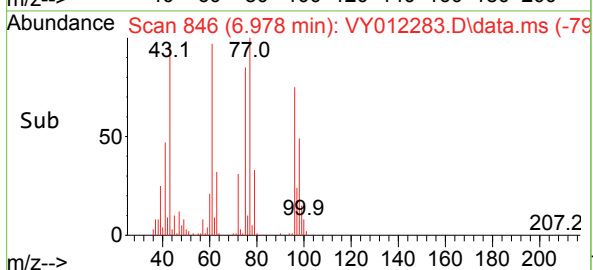
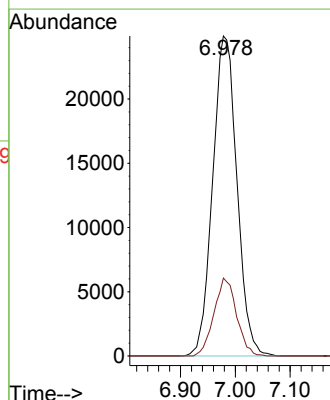
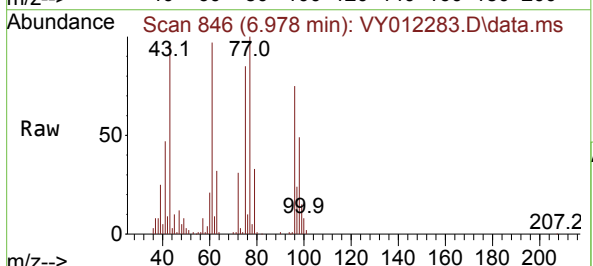
Acq: 20 Jan 2023 12:18

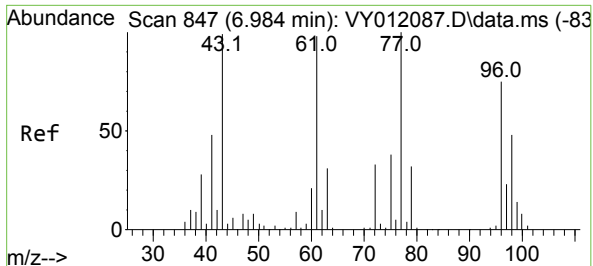
Tgt Ion: 77 Resp: 76441

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.781 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

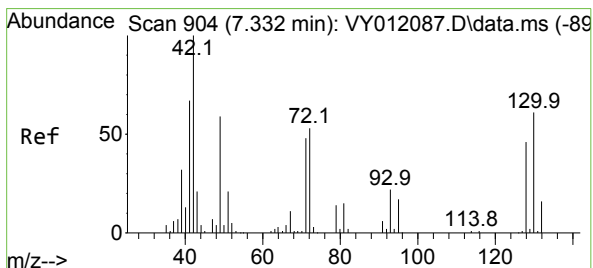
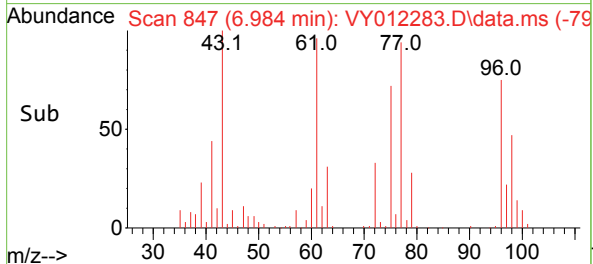
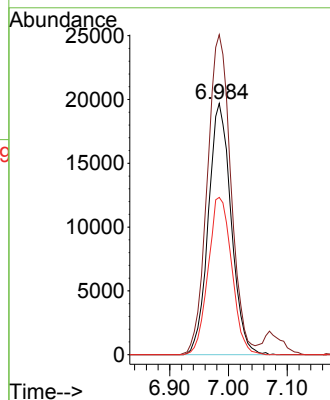
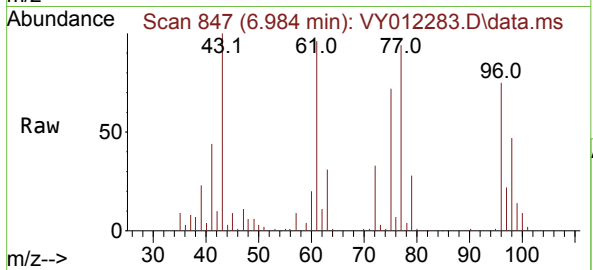
Tgt Ion: 96 Resp: 53071

Ion Ratio Lower Upper

96 100

61 131.8 0.0 283.4

98 64.8 0.0 127.6



#28

Bromochloromethane

Concen: 20.093 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

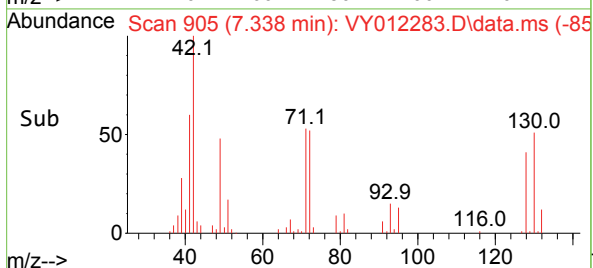
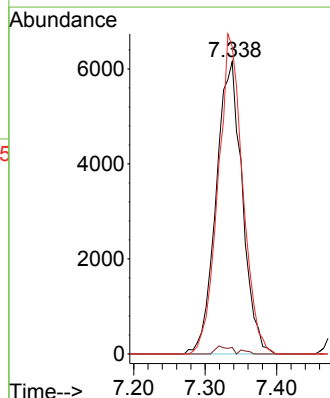
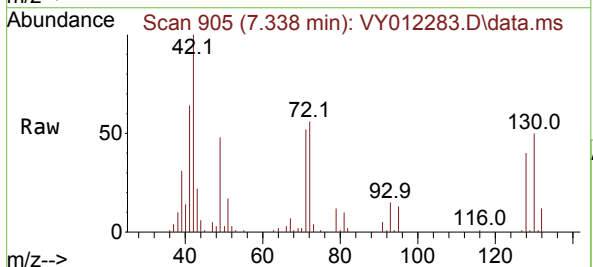
Tgt Ion: 49 Resp: 15632

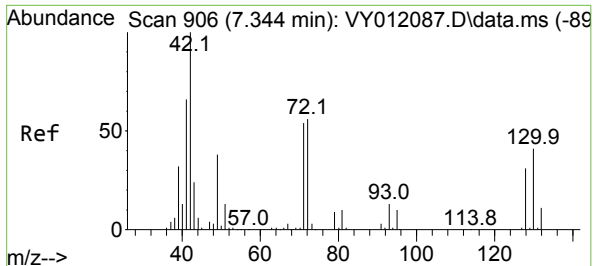
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.6

130 103.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 101.180 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

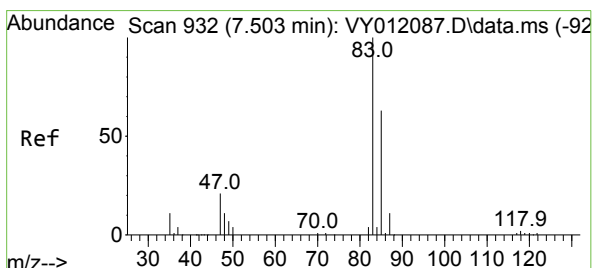
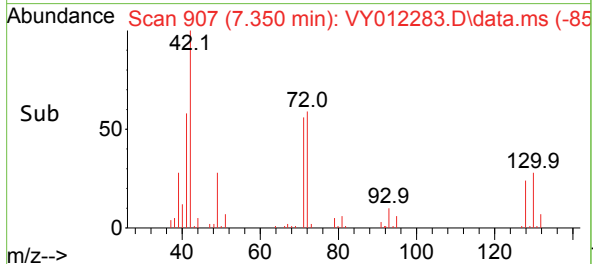
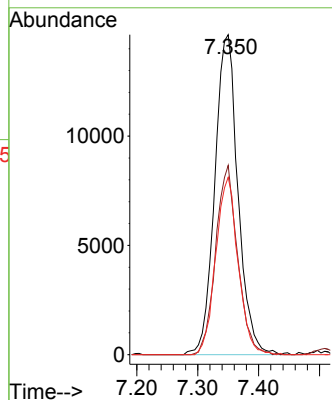
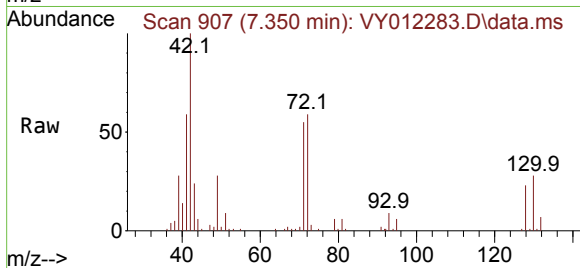
Tgt Ion: 42 Resp: 38757

Ion Ratio Lower Upper

42 100

72 56.0 37.0 55.6#

71 53.4 34.9 52.3#



#30

Chloroform

Concen: 19.940 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012283.D

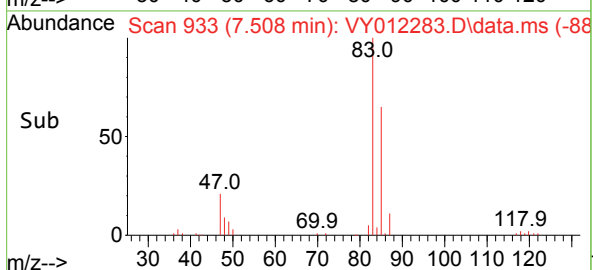
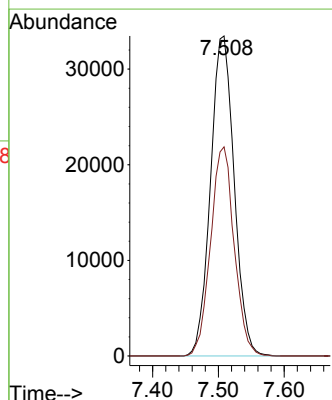
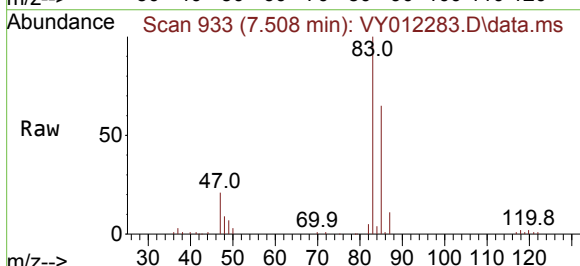
Acq: 20 Jan 2023 12:18

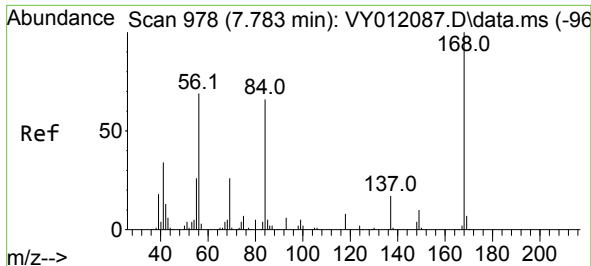
Tgt Ion: 83 Resp: 83850

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

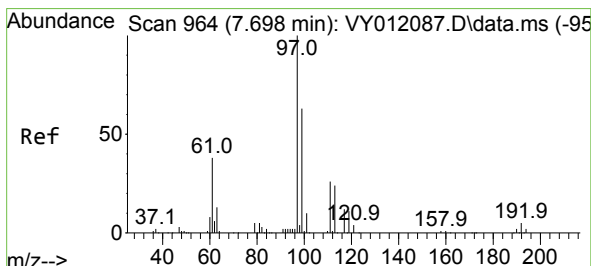
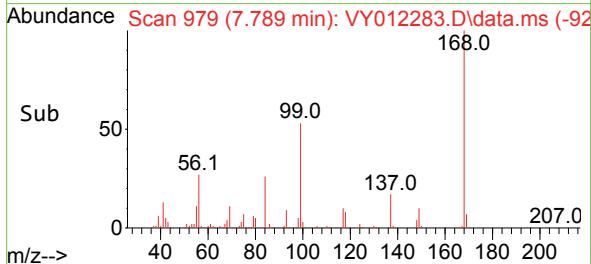
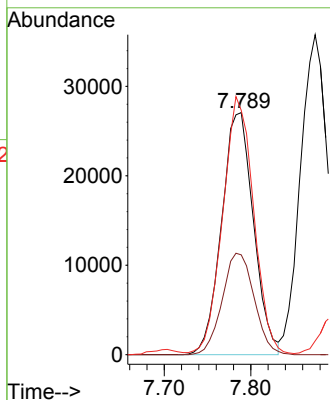
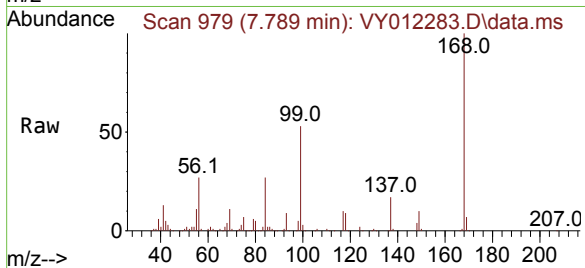




#31
Cyclohexane
Concen: 21.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

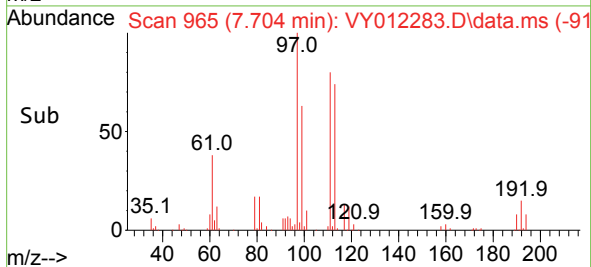
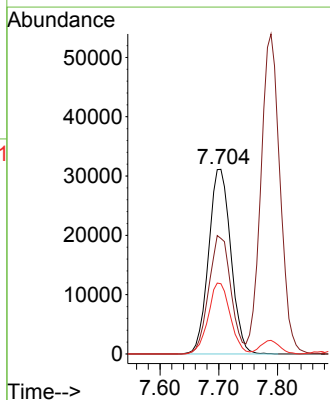
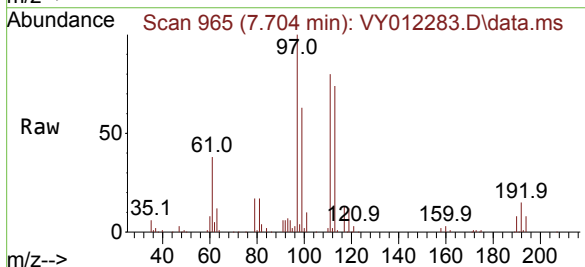
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

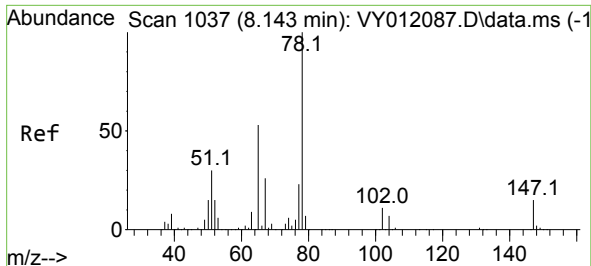
Tgt Ion: 56 Resp: 69457
Ion Ratio Lower Upper
56 100
69 41.2 29.2 43.8
84 99.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 19.653 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 97 Resp: 81819
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 38.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 45.532 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

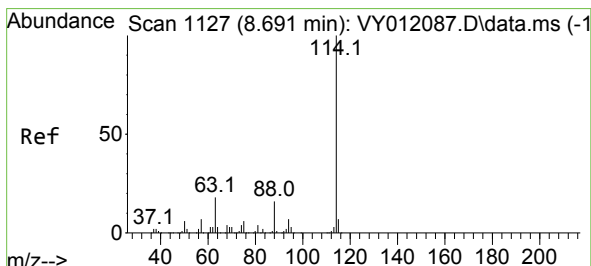
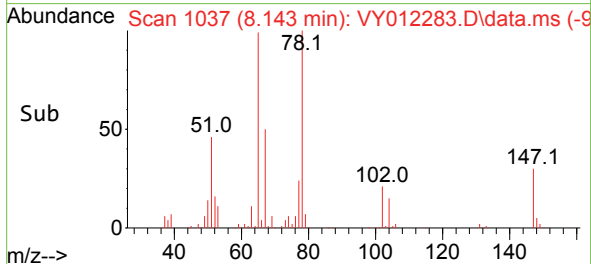
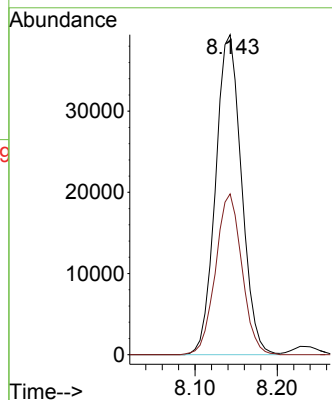
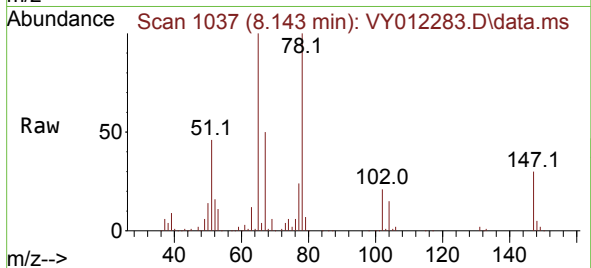
VY0120SBSD01

Tgt Ion: 65 Resp: 86275

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

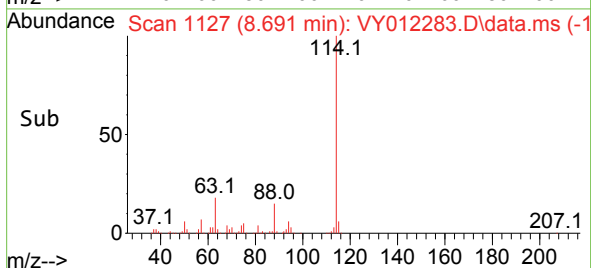
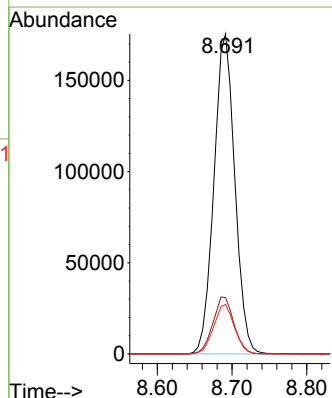
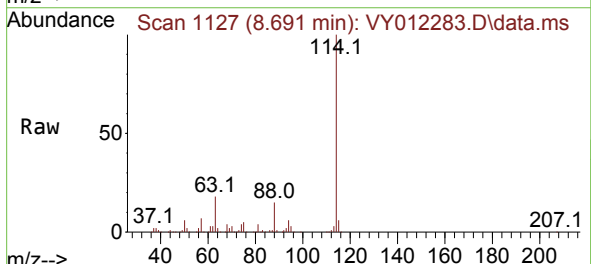
Tgt Ion: 114 Resp: 340849

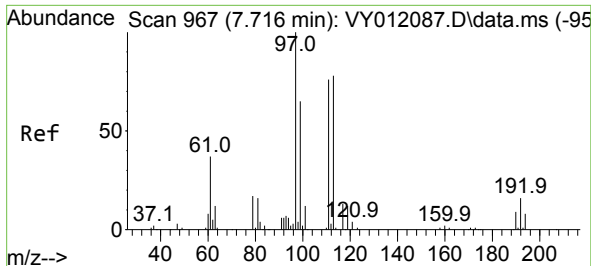
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.5 0.0 32.2

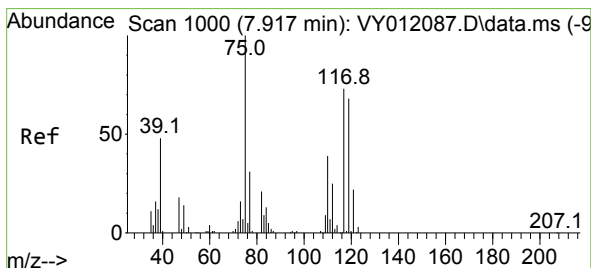
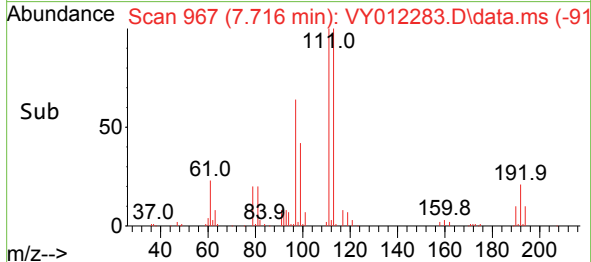
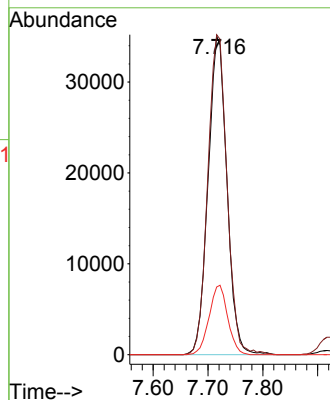
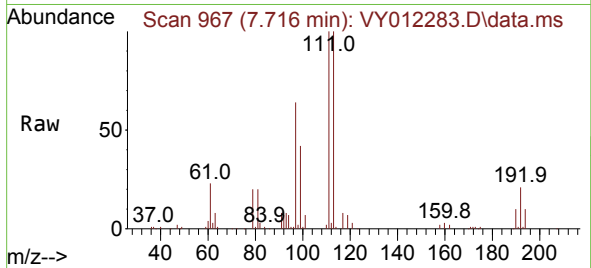




#35
Dibromofluoromethane
Concen: 46.222 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

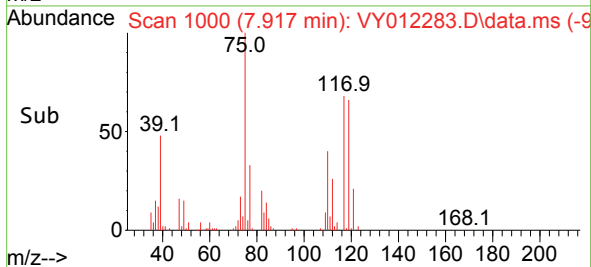
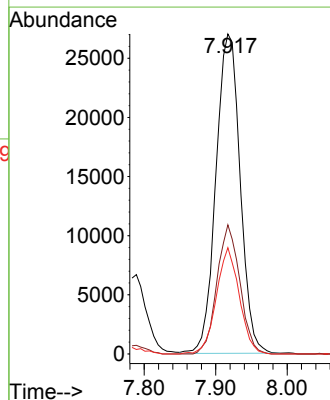
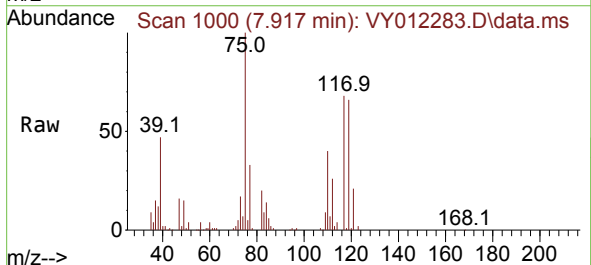
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

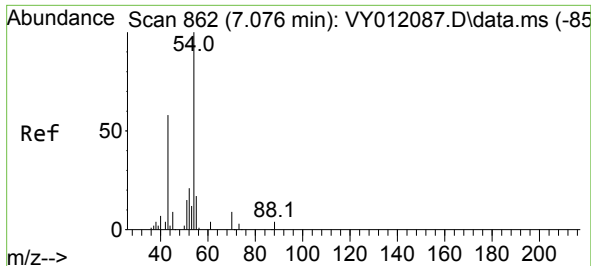
Tgt Ion:113 Resp: 83421
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.688 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 75 Resp: 63457
Ion Ratio Lower Upper
75 100
110 38.3 18.1 54.1
77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 20.135 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

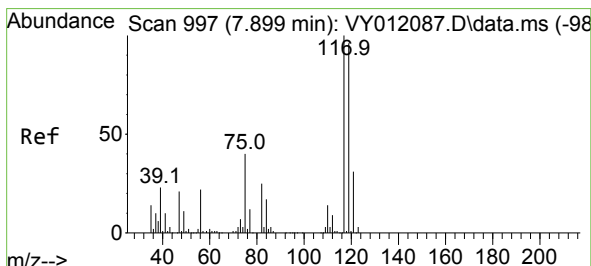
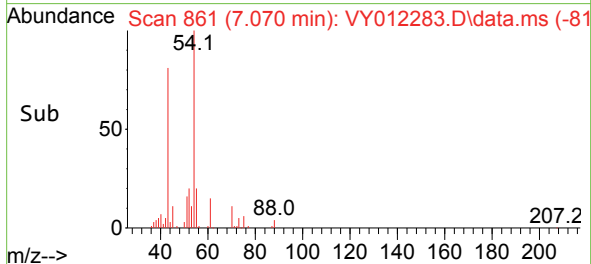
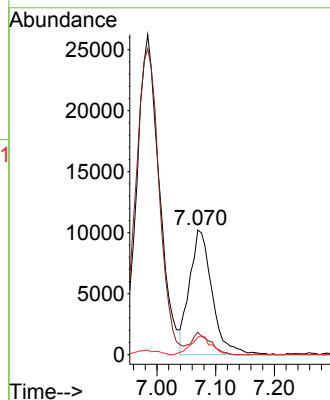
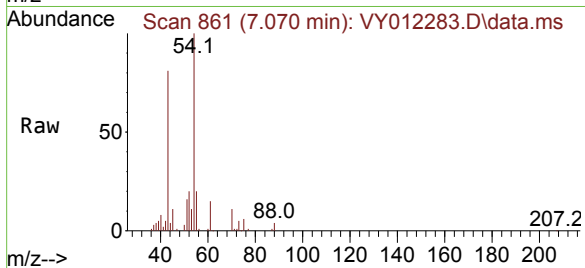
Tgt Ion: 43 Resp: 27226

Ion Ratio Lower Upper

43 100

61 15.3 11.3 16.9

70 13.8 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 19.499 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

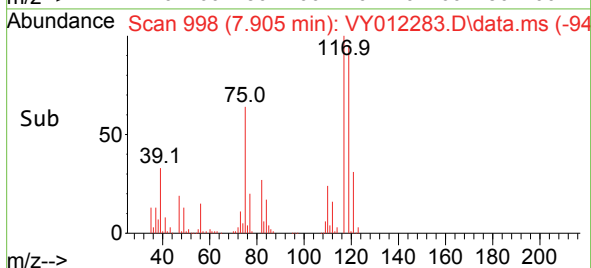
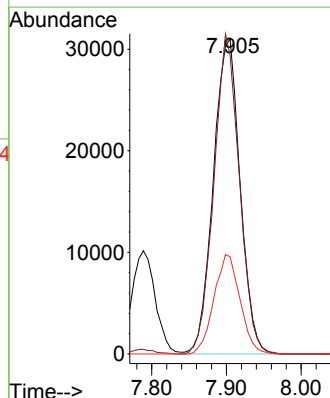
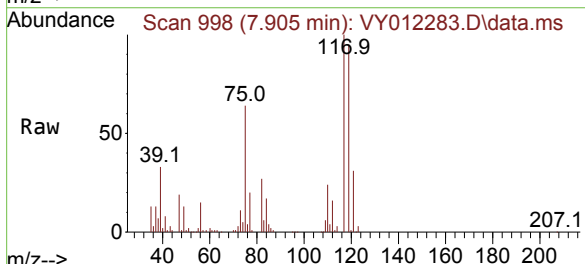
Tgt Ion: 117 Resp: 77245

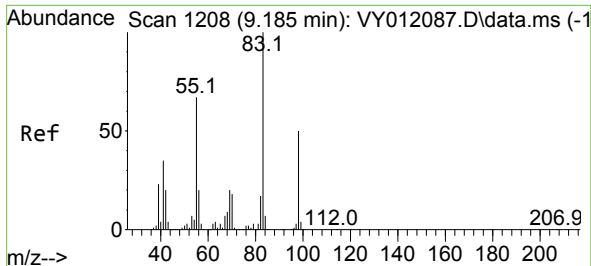
Ion Ratio Lower Upper

117 100

119 94.7 73.8 110.8

121 30.9 25.2 37.8





#39

Methylcyclohexane

Concen: 21.538 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

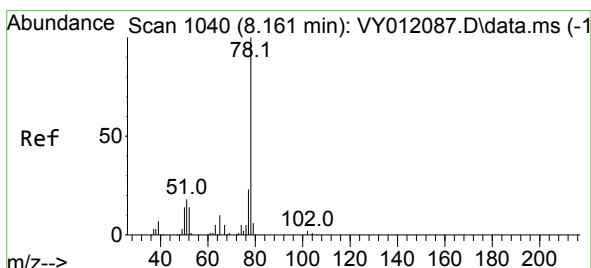
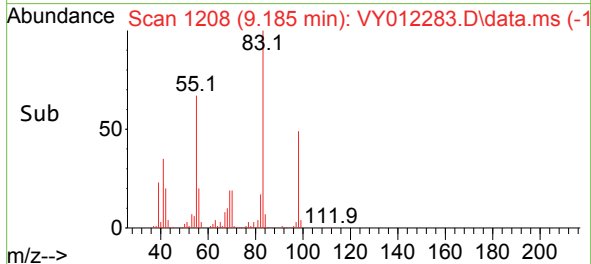
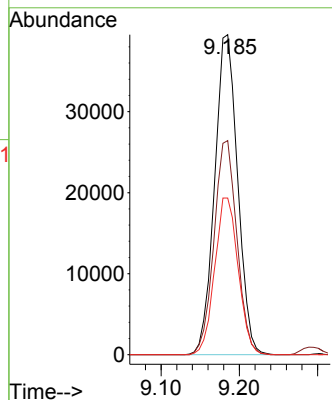
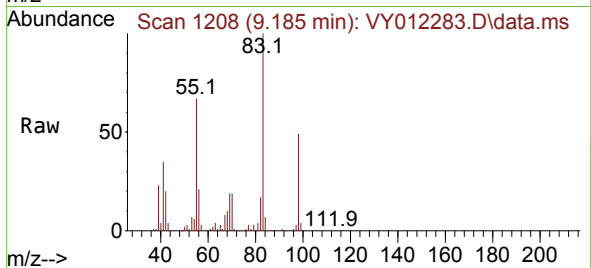
Tgt Ion: 83 Resp: 80734

Ion Ratio Lower Upper

83 100

55 66.9 58.2 87.2

98 48.9 38.6 58.0



#40

Benzene

Concen: 20.858 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012283.D

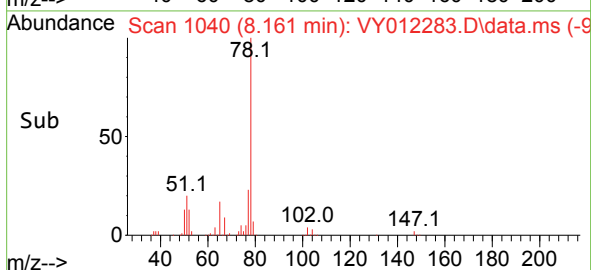
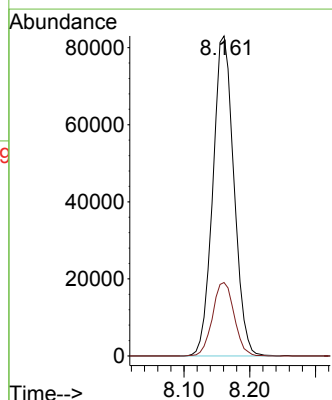
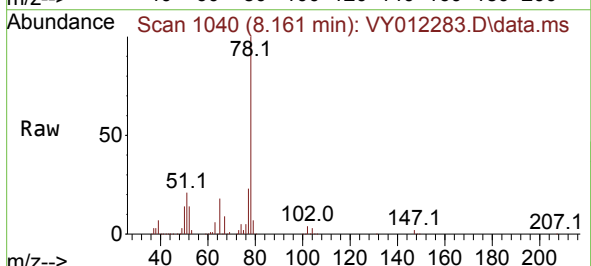
Acq: 20 Jan 2023 12:18

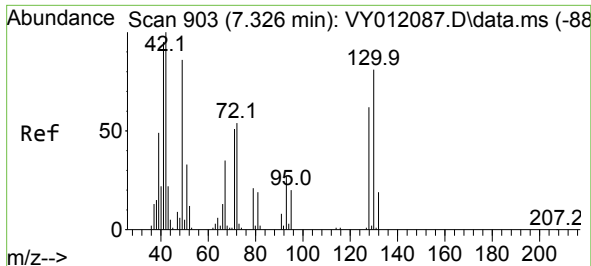
Tgt Ion: 78 Resp: 184654

Ion Ratio Lower Upper

78 100

77 23.0 18.6 27.8

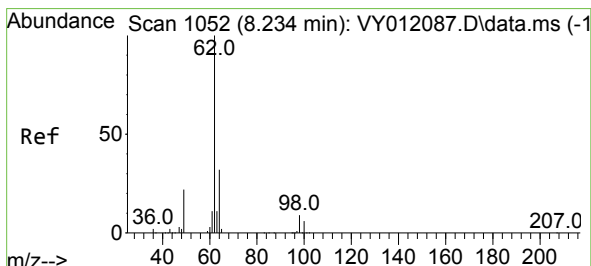
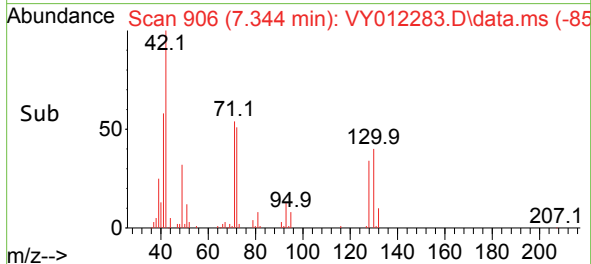
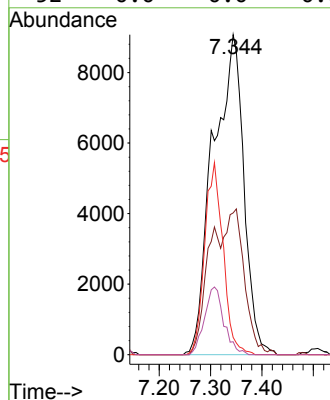
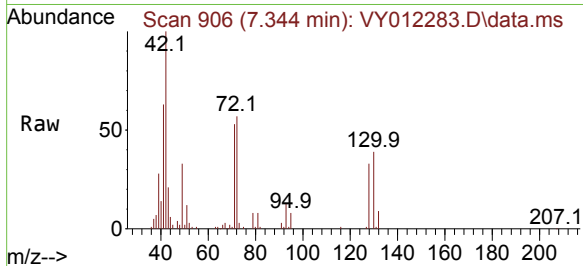




#41
Methacrylonitrile
Concen: 47.198 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

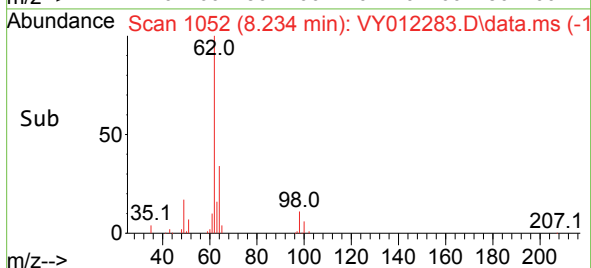
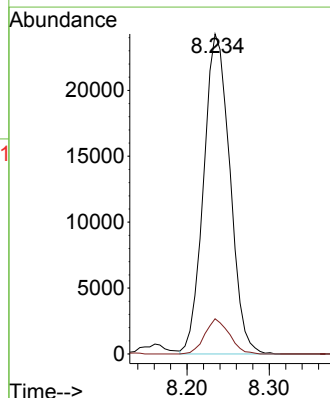
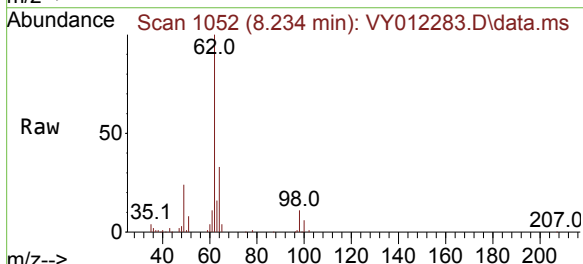
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

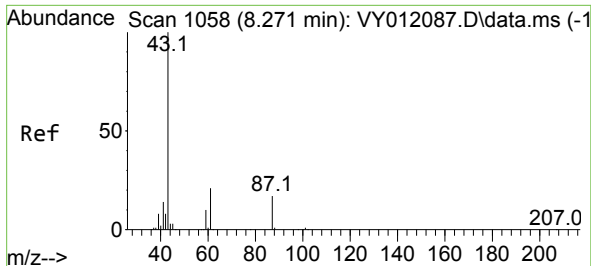
Tgt Ion:	41	Resp:	37513
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.127 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion:	62	Resp:	53908
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	19.6

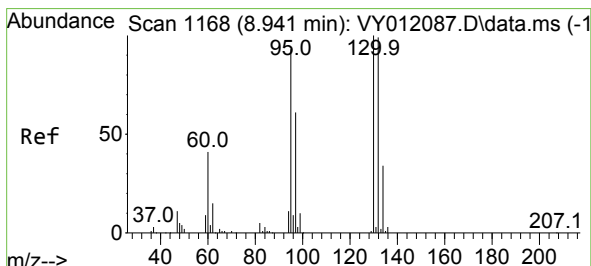
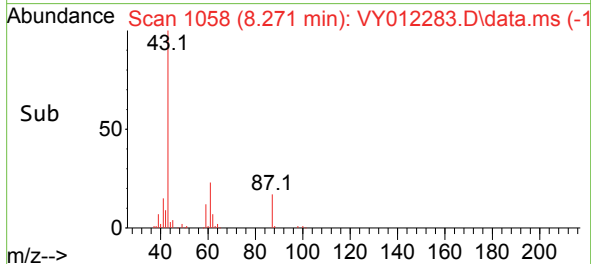
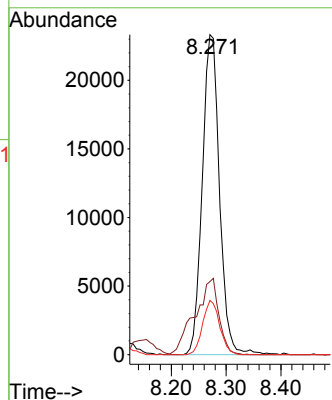
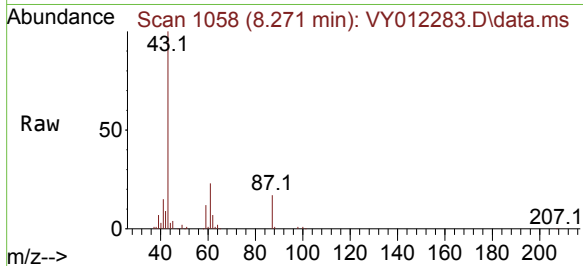




#43
Isopropyl Acetate
Concen: 20.210 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

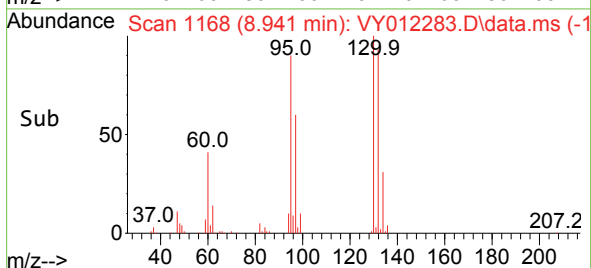
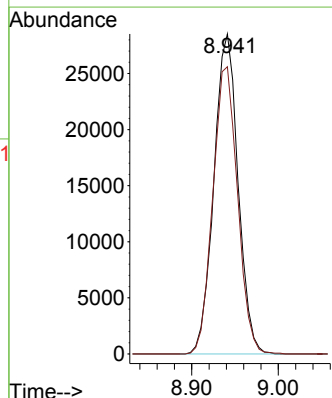
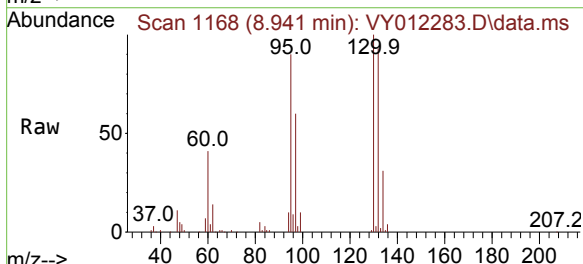
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

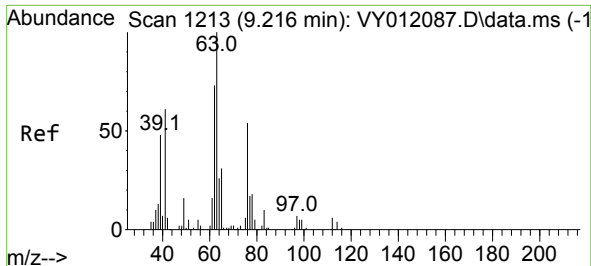
Tgt Ion: 43 Resp: 50842
Ion Ratio Lower Upper
43 100
61 33.1 24.4 36.6
87 16.8 11.4 17.2



#44
Trichloroethene
Concen: 20.861 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion:130 Resp: 55199
Ion Ratio Lower Upper
130 100
95 89.7 0.0 190.6

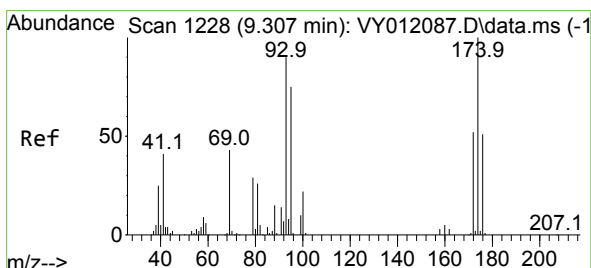
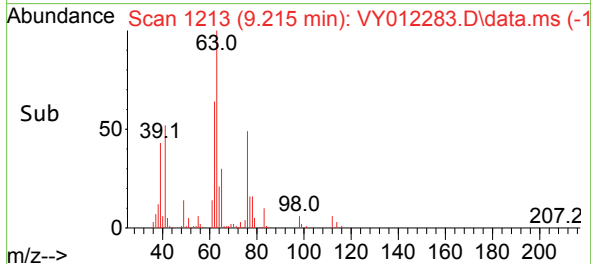
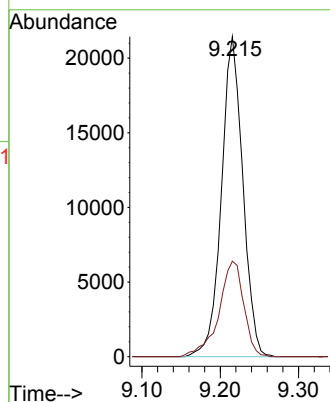
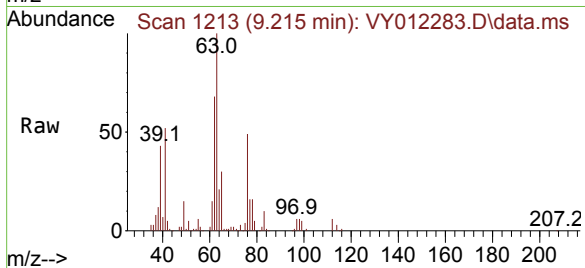




#45
1,2-Dichloropropane
Concen: 22.038 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.001 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

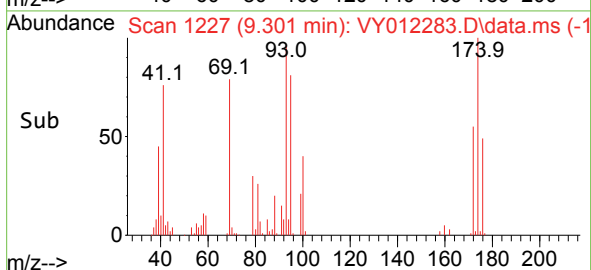
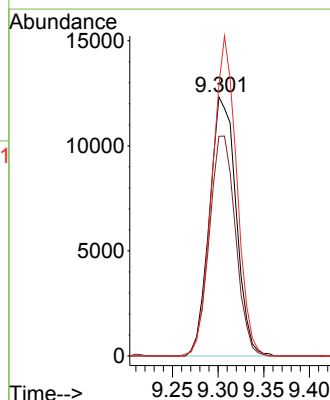
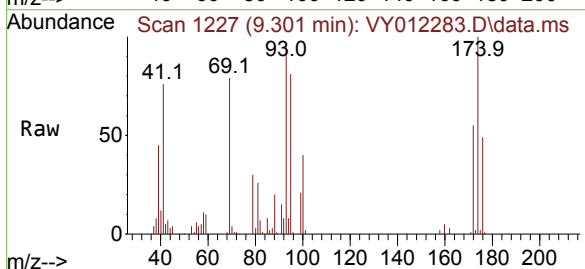
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

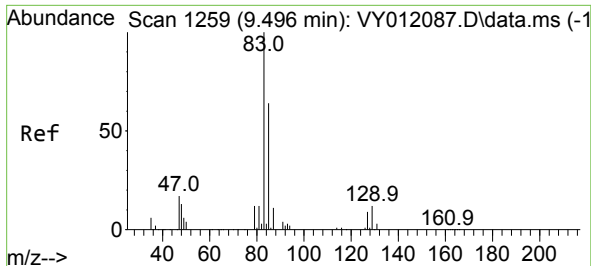
Tgt Ion: 63 Resp: 40710
Ion Ratio Lower Upper
63 100
65 29.9 24.9 37.3



#46
Dibromomethane
Concen: 20.099 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 93 Resp: 24856
Ion Ratio Lower Upper
93 100
95 83.6 66.1 99.1
174 114.1 84.7 127.1

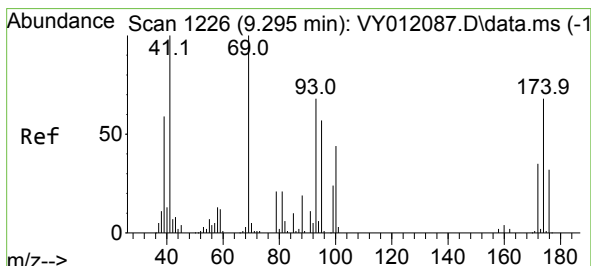
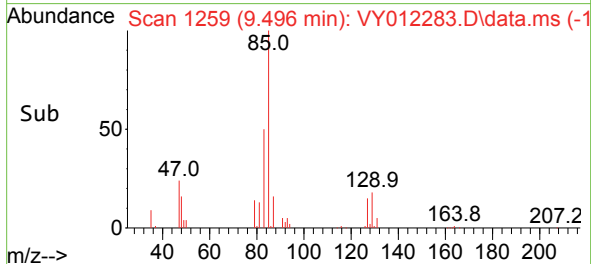
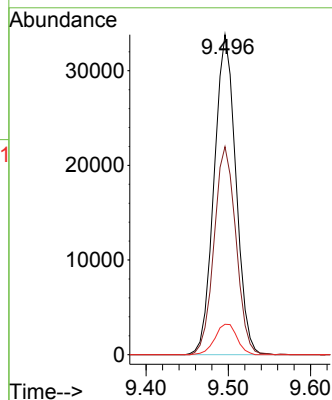
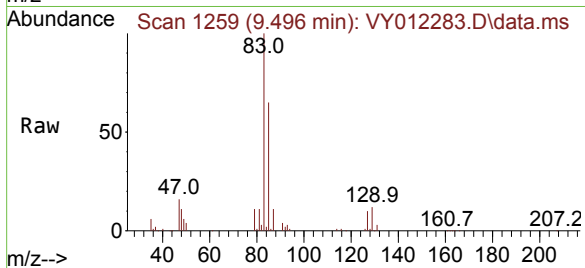




#47
Bromodichloromethane
Concen: 19.945 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

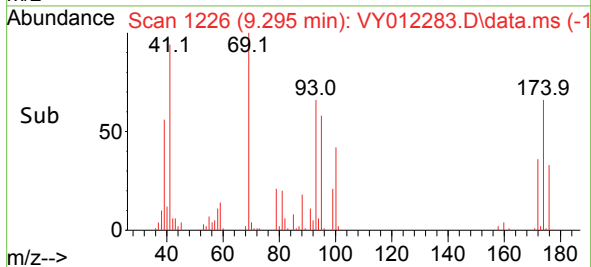
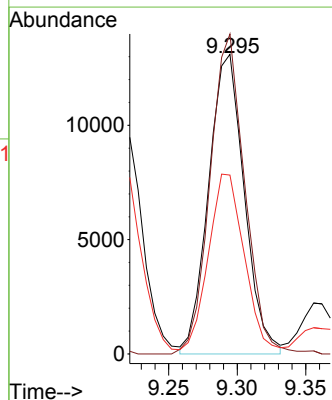
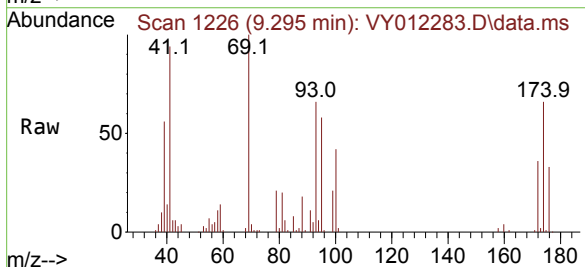
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

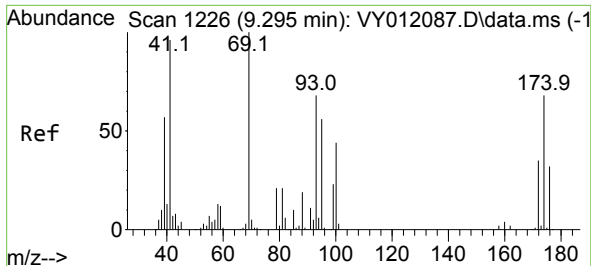
Tgt Ion: 83 Resp: 62089
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 9.5 7.3 10.9



#48
Methyl methacrylate
Concen: 20.519 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 41 Resp: 23784
Ion Ratio Lower Upper
41 100
69 103.4 74.2 111.2
39 58.0 46.3 69.5

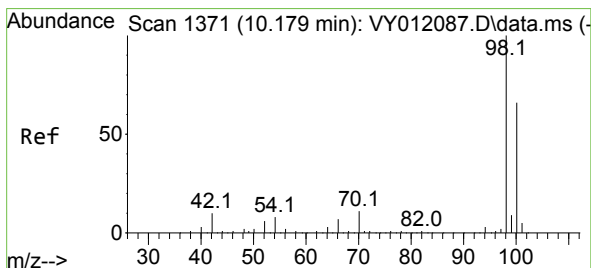
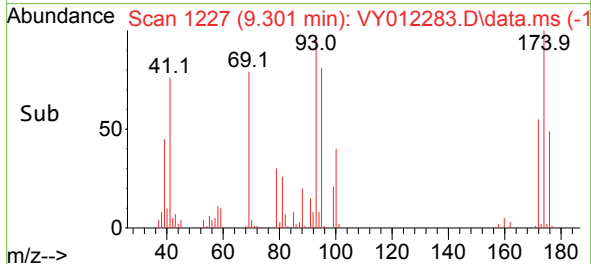
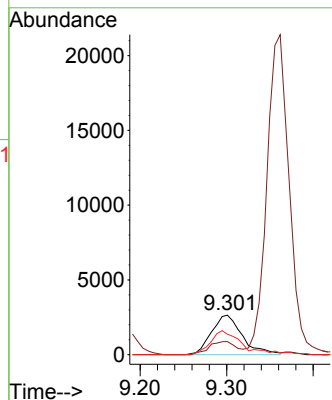
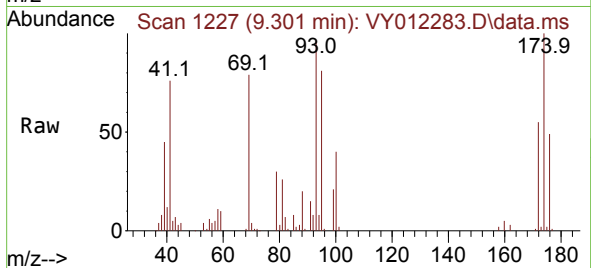




#49
1,4-Dioxane
Concen: 386.562 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

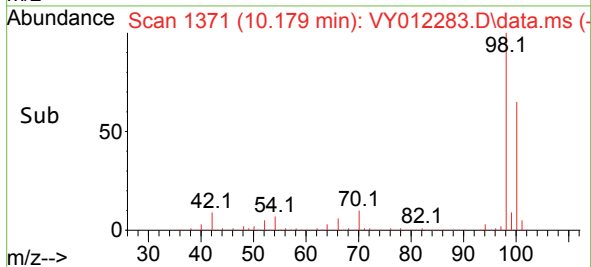
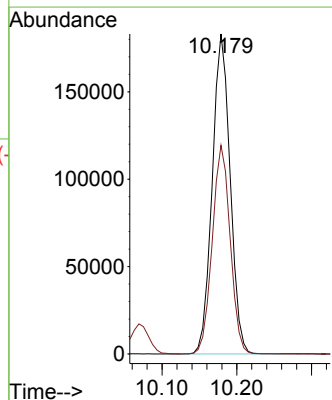
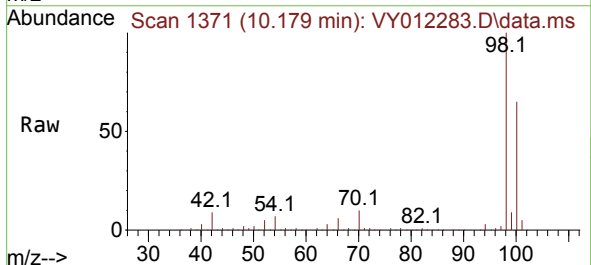
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

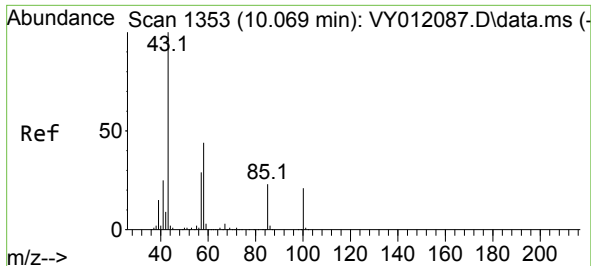
Tgt Ion: 88 Resp: 6514
Ion Ratio Lower Upper
88 100
43 29.7 26.2 39.2
58 63.8 54.3 81.5



#50
Toluene-d8
Concen: 48.719 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 98 Resp: 305350
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

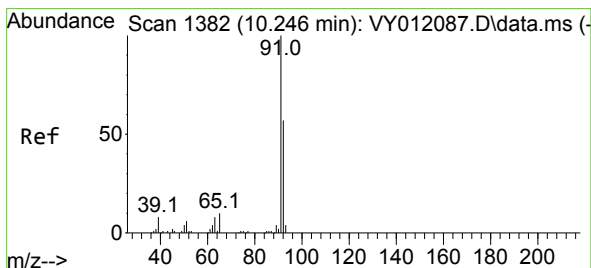
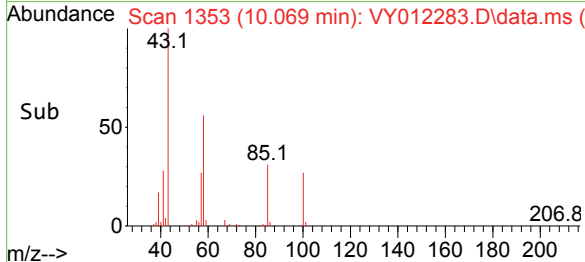
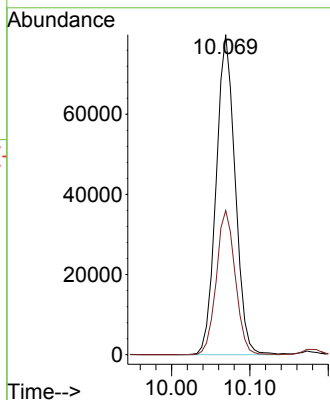
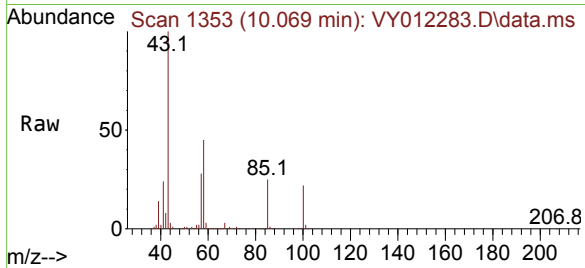




#51
4-Methyl-2-Pentanone
Concen: 100.307 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

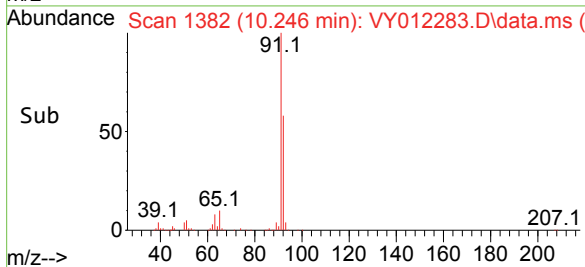
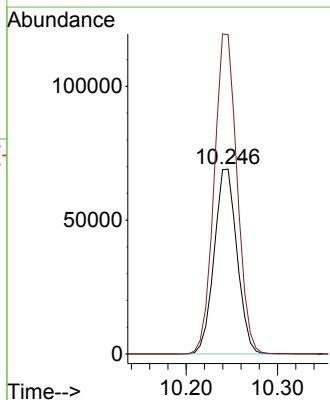
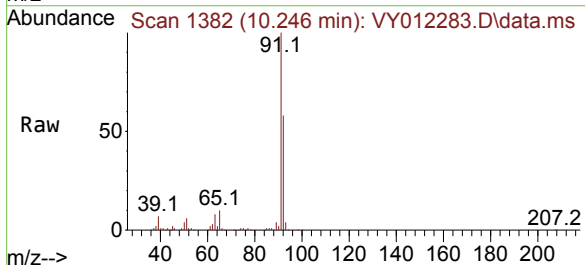
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

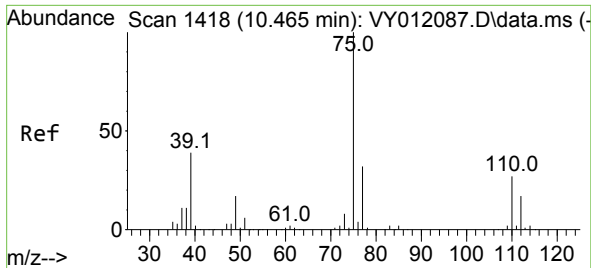
Tgt Ion: 43 Resp: 134557
Ion Ratio Lower Upper
43 100
58 44.9 32.9 49.3



#52
Toluene
Concen: 20.380 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 92 Resp: 120131
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0

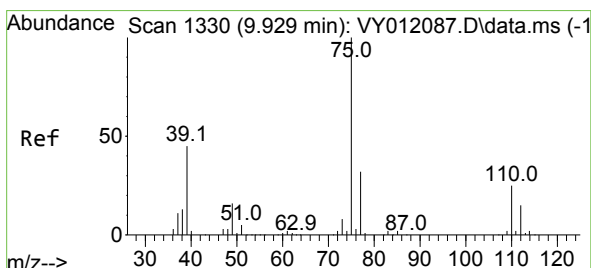
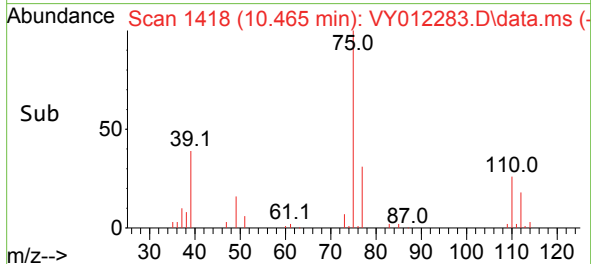
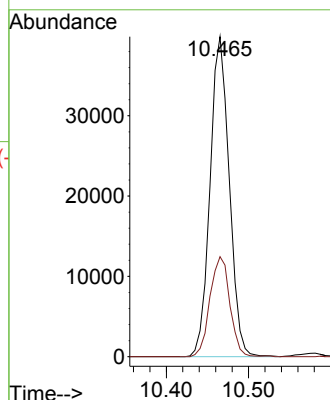
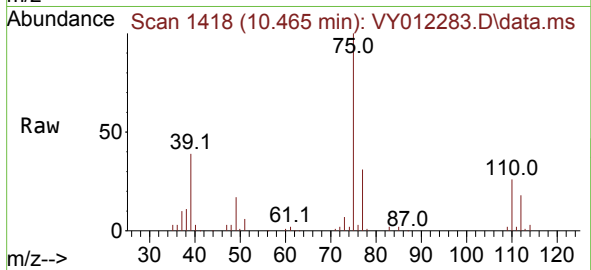




#53
 t-1,3-Dichloropropene
 Concen: 19.866 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012283.D
 Acq: 20 Jan 2023 12:18

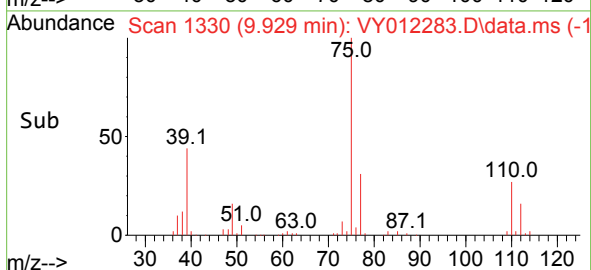
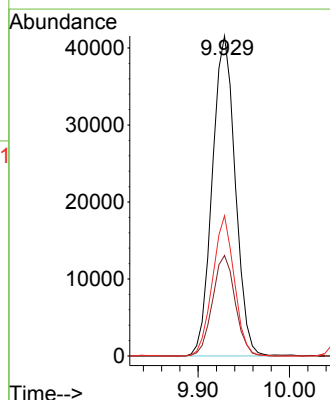
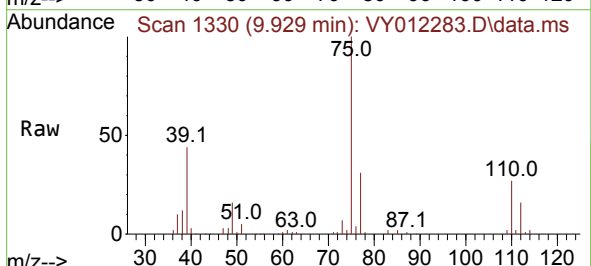
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

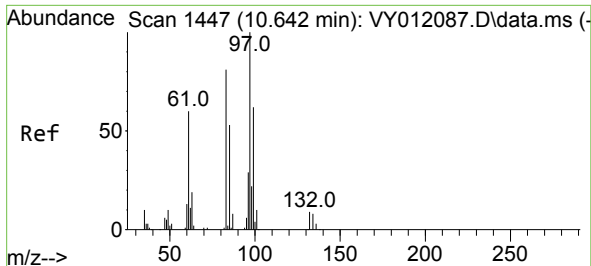
Tgt Ion: 75 Resp: 64686
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.660 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012283.D
 Acq: 20 Jan 2023 12:18

Tgt Ion: 75 Resp: 72447
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.9 38.9
 39 43.8 34.6 52.0

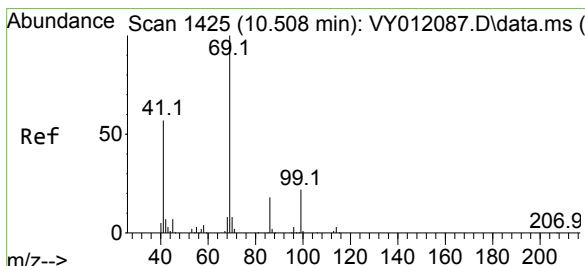
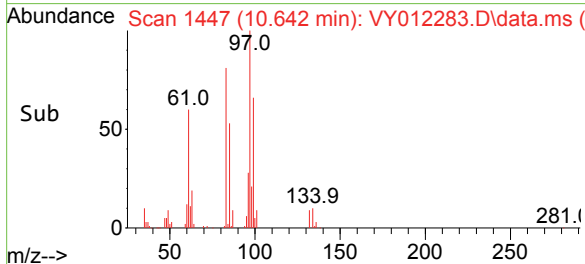
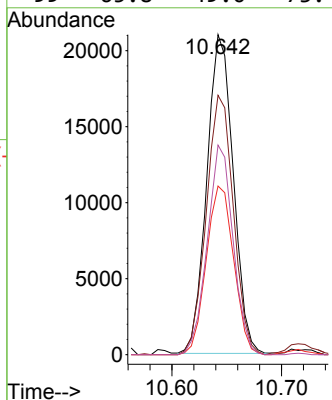
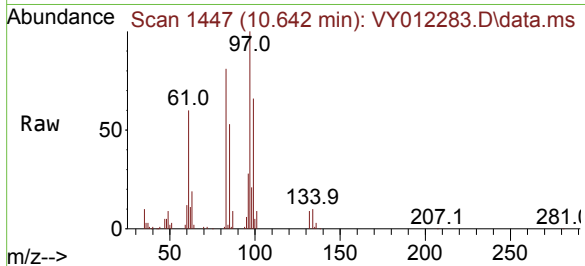




#55
1,1,2-Trichloroethane
Concen: 20.005 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

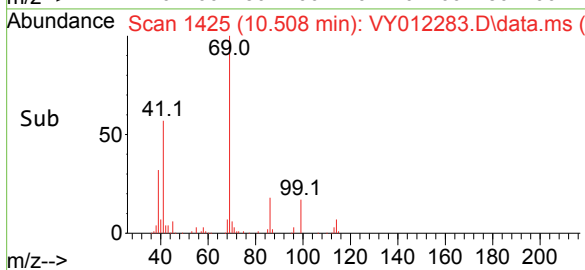
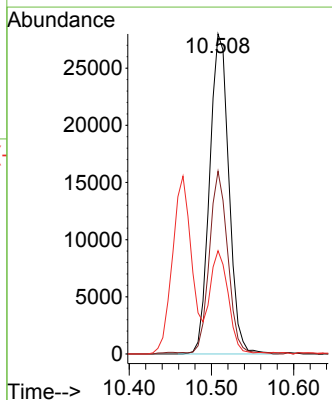
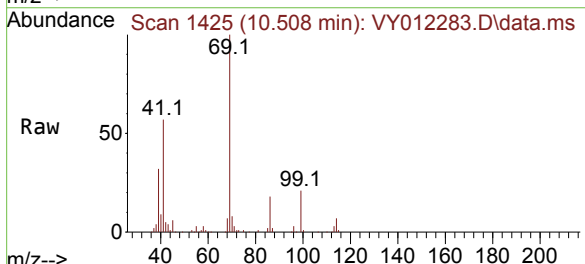
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

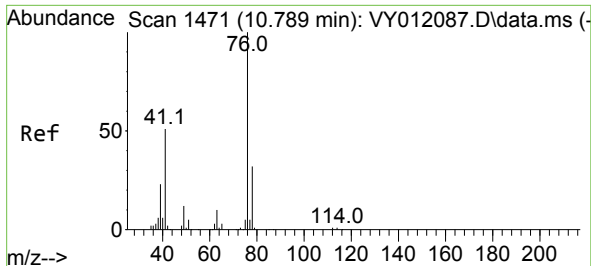
Tgt Ion: 97	Resp:	35149	
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.7	101.5
85	52.9	43.8	65.8
99	65.8	49.0	73.4



#56
Ethyl methacrylate
Concen: 19.797 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 69	Resp: 45634
Ion Ratio	Lower Upper
69 100	
41 54.8	48.9 73.3
39 30.0	25.9 38.9





#57

1,3-Dichloropropane

Concen: 20.716 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

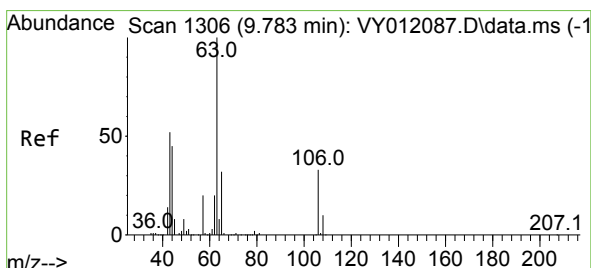
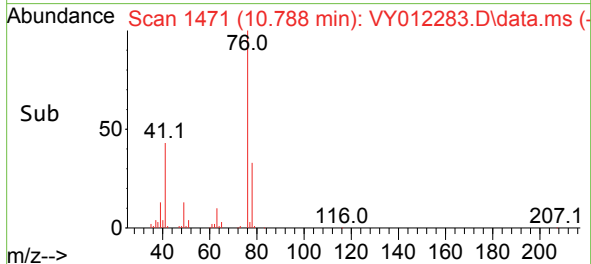
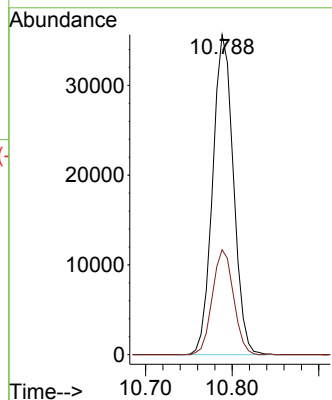
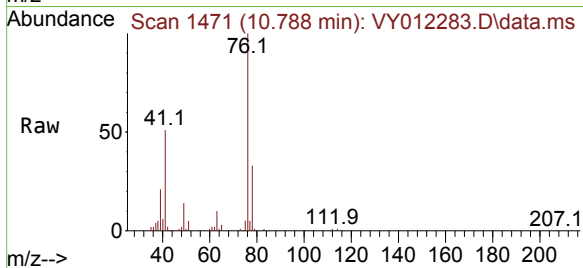
VY0120SBSD01

Tgt Ion: 76 Resp: 59444

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.058 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012283.D

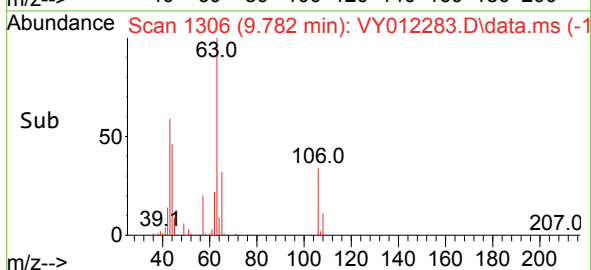
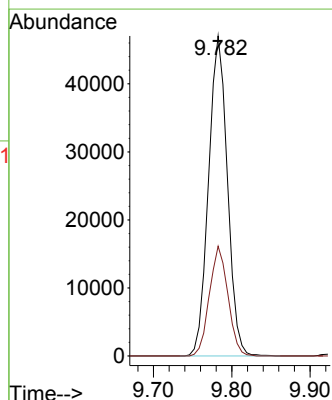
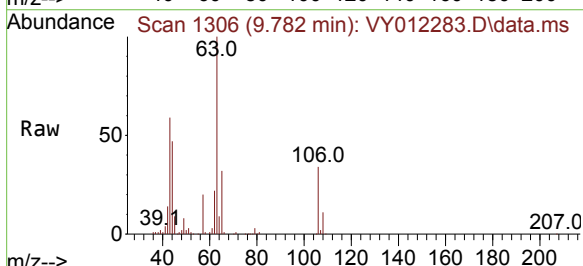
Acq: 20 Jan 2023 12:18

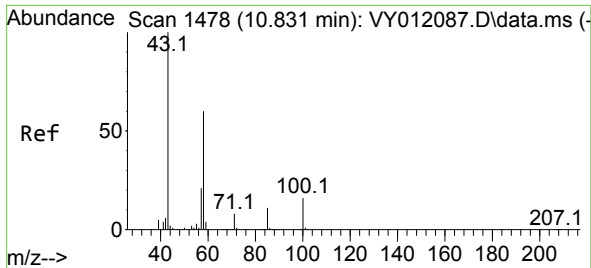
Tgt Ion: 63 Resp: 78605

Ion Ratio Lower Upper

63 100

106 33.6 23.2 34.8

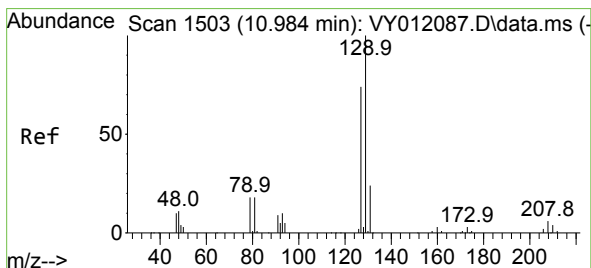
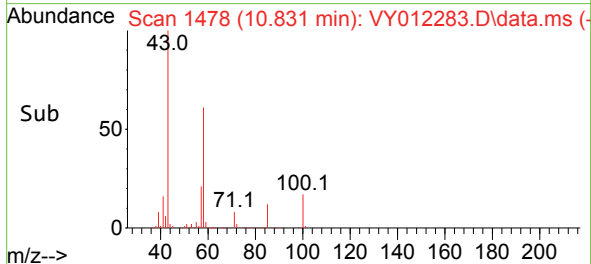
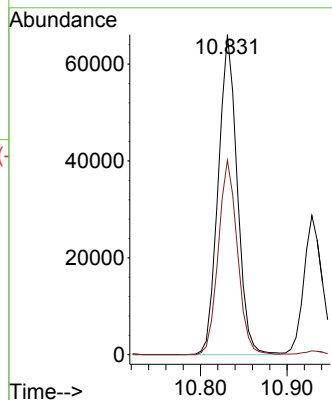
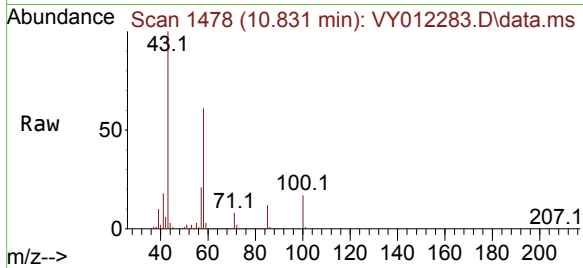




#59
2-Hexanone
Concen: 98.509 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

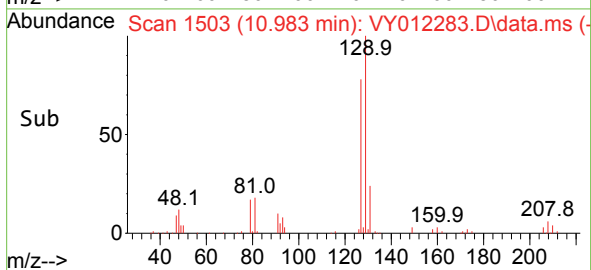
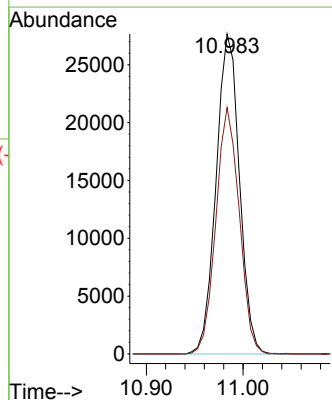
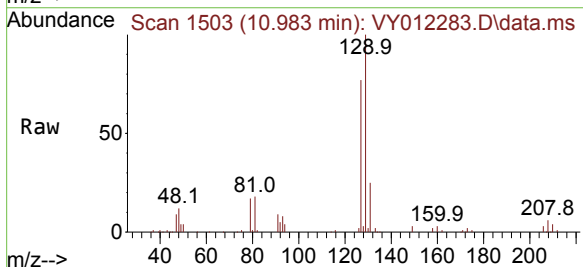
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

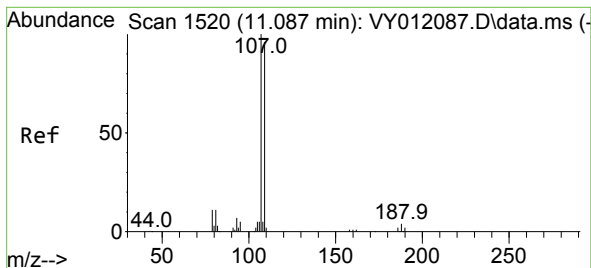
Tgt Ion: 43 Resp: 100609
Ion Ratio Lower Upper
43 100
58 61.2 28.4 85.2



#60
Dibromochloromethane
Concen: 19.866 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 129 Resp: 46295
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

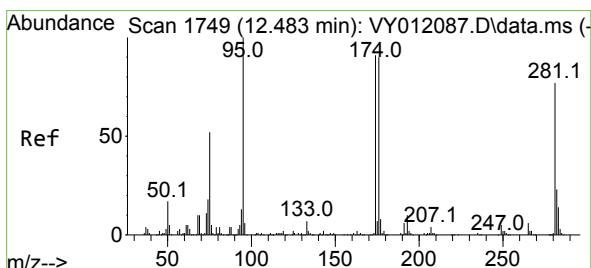
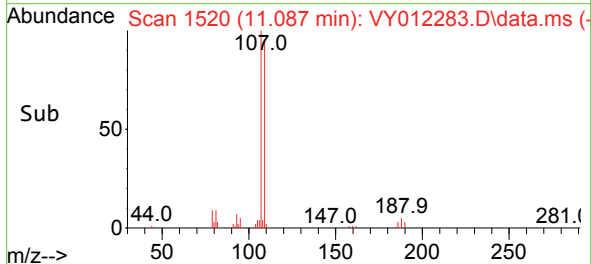
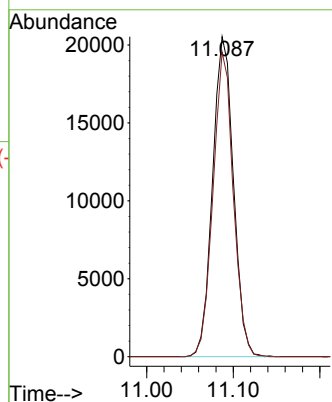
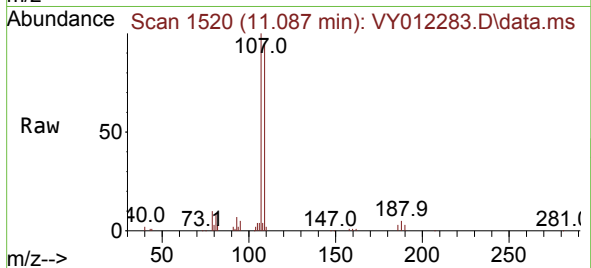




#61
1,2-Dibromoethane
Concen: 20.221 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

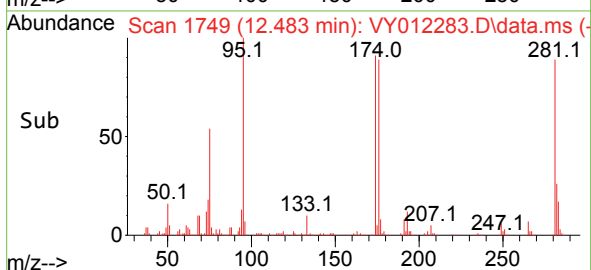
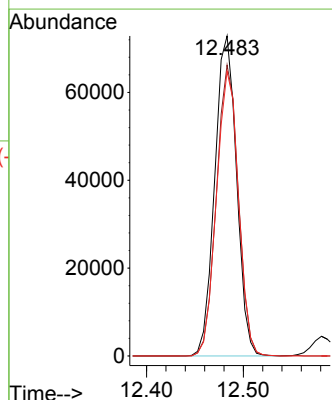
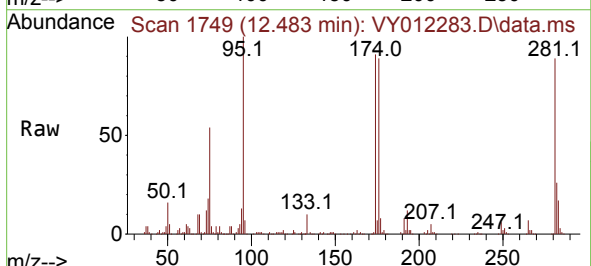
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

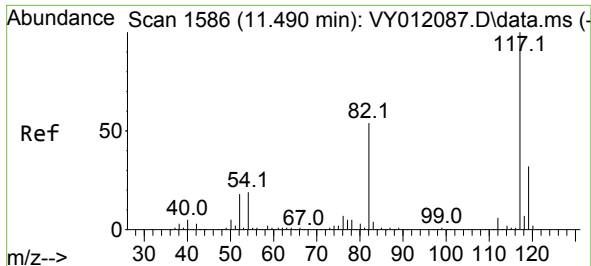
Tgt Ion:107 Resp: 34284
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.799 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 95 Resp: 113977
Ion Ratio Lower Upper
95 100
174 91.1 0.0 172.0
176 89.6 0.0 167.6

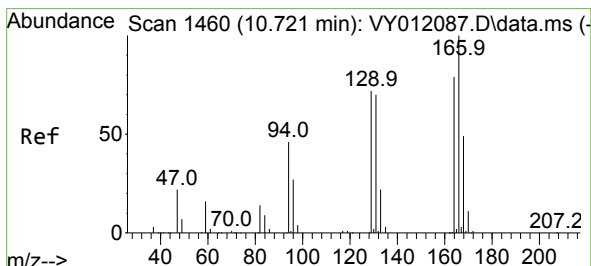
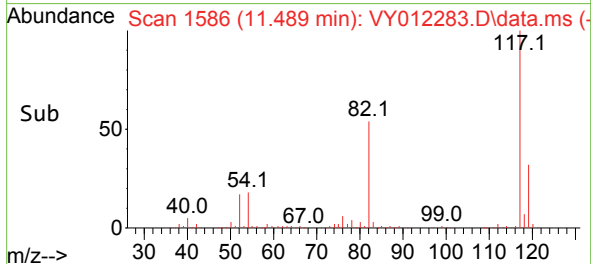
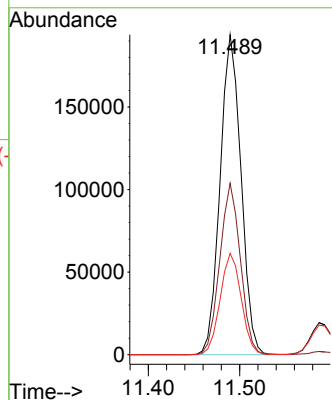
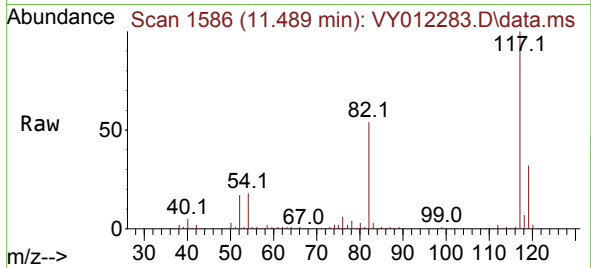




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

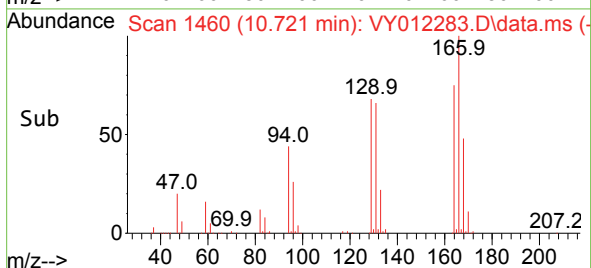
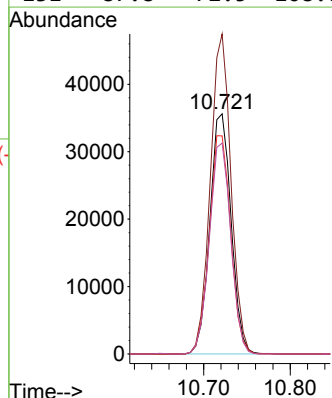
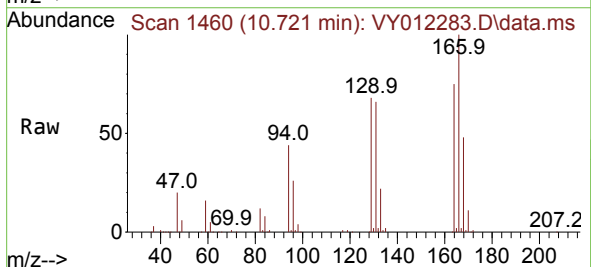
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

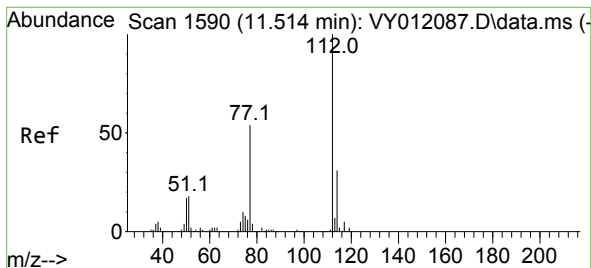
Tgt Ion:117 Resp: 308539
Ion Ratio Lower Upper
117 100
82 53.5 44.8 67.2
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 21.646 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion:164 Resp: 60942
Ion Ratio Lower Upper
164 100
166 133.2 102.3 153.5
129 90.8 77.2 115.8
131 87.8 72.5 108.7





#65

Chlorobenzene

Concen: 20.562 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

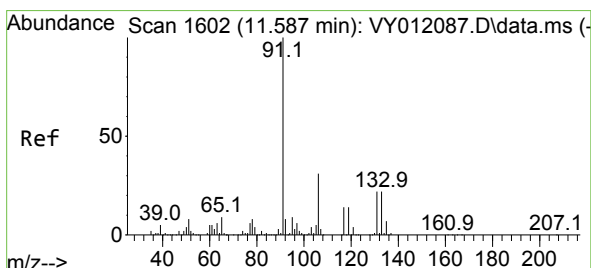
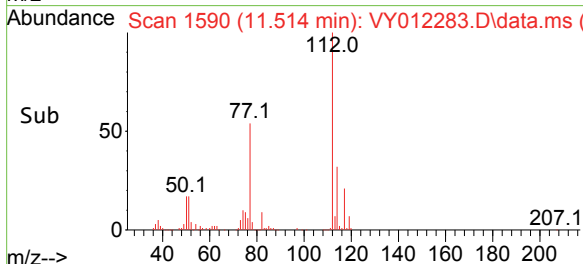
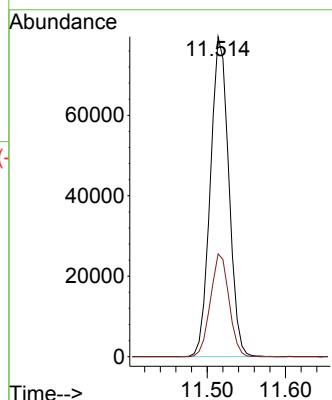
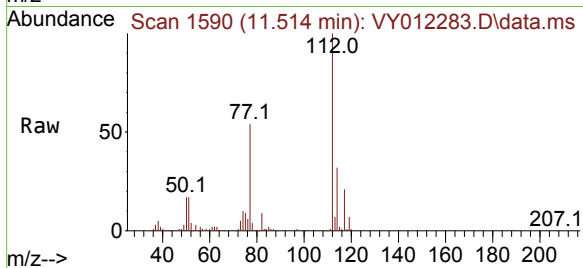
VY0120SBS01

Tgt Ion:112 Resp: 129808

Ion Ratio Lower Upper

112 100

114 32.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.834 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

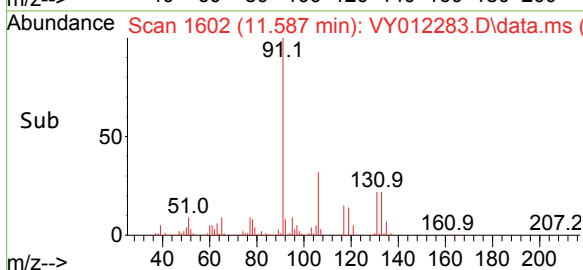
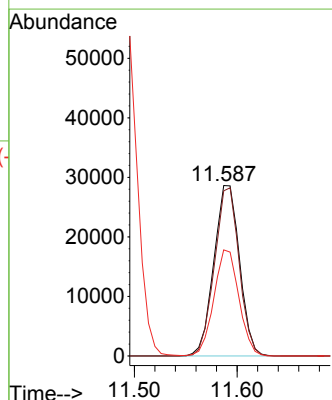
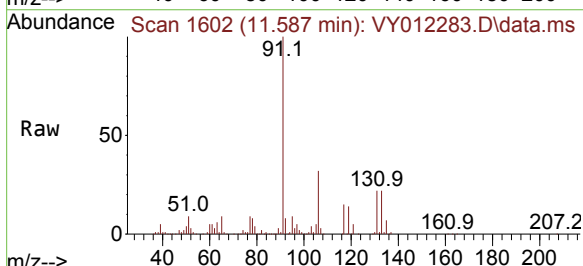
Tgt Ion:131 Resp: 49644

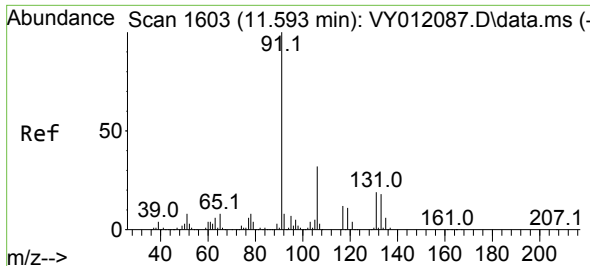
Ion Ratio Lower Upper

131 100

133 95.0 47.3 142.0

119 60.7 32.1 96.3

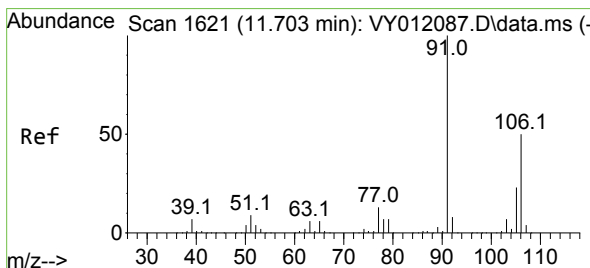
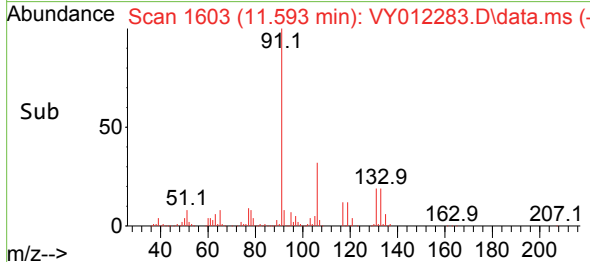
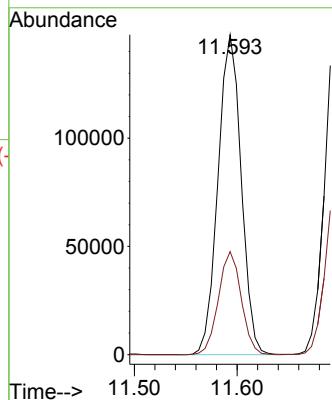
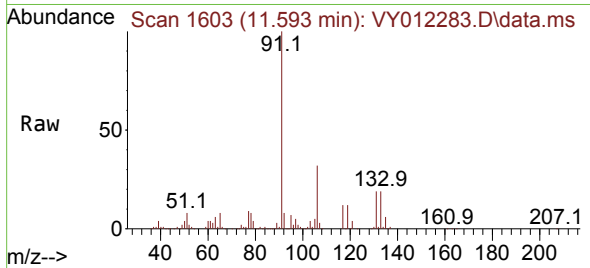




#67
Ethyl Benzene
Concen: 20.498 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

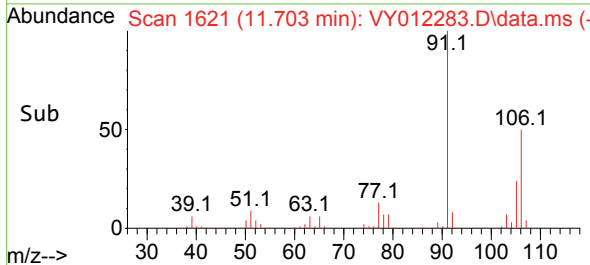
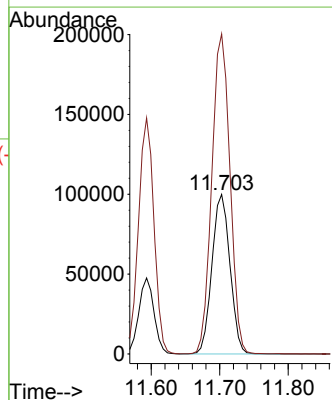
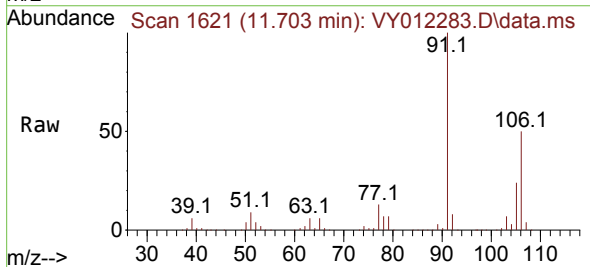
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

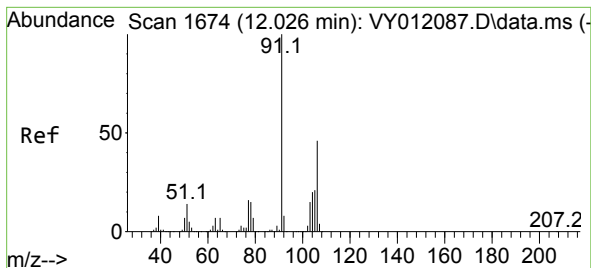
Tgt Ion: 91 Resp: 231265
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4



#68
m/p-Xylenes
Concen: 40.906 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 106 Resp: 182477
Ion Ratio Lower Upper
106 100
91 202.1 162.5 243.7





#69

o-Xylene

Concen: 20.445 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

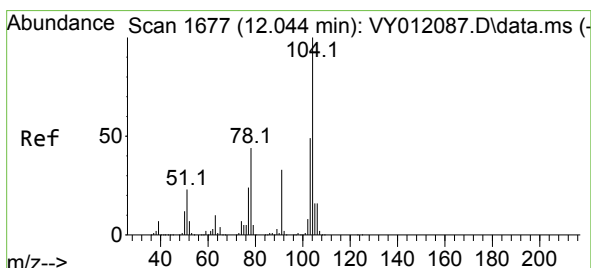
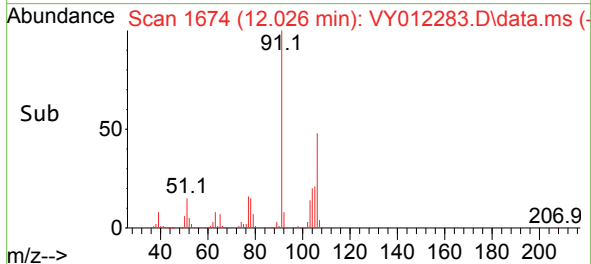
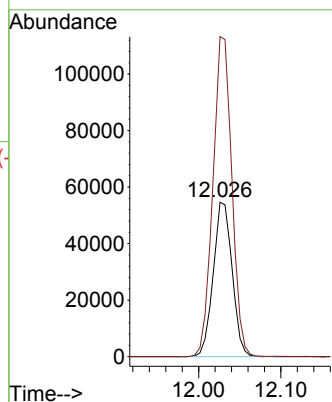
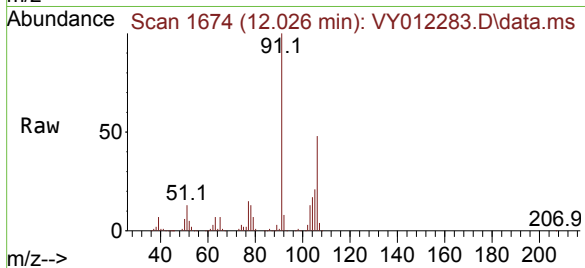
VY0120SBSD01

Tgt Ion:106 Resp: 87111

Ion Ratio Lower Upper

106 100

91 208.2 107.5 322.4



#70

Styrene

Concen: 20.649 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

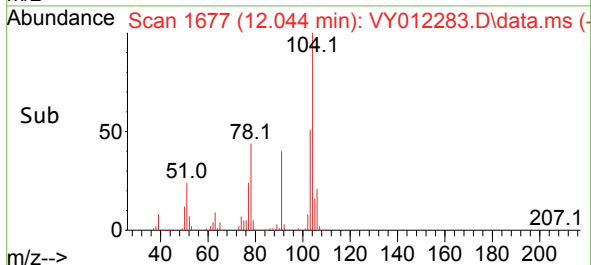
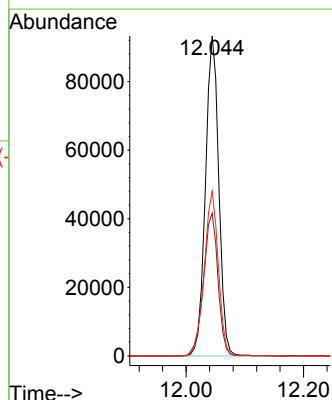
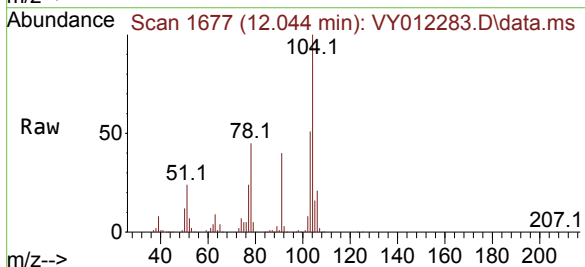
Tgt Ion:104 Resp: 147001

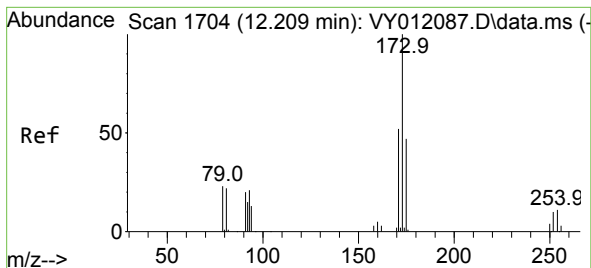
Ion Ratio Lower Upper

104 100

78 48.3 39.4 59.0

103 54.3 43.0 64.4





#71

Bromoform

Concen: 19.937 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

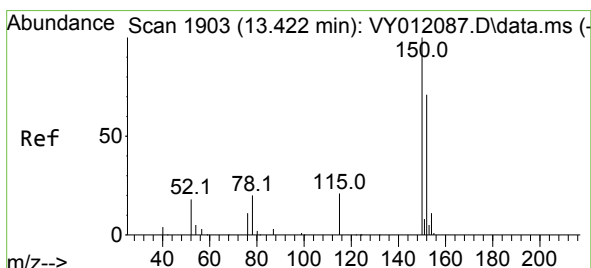
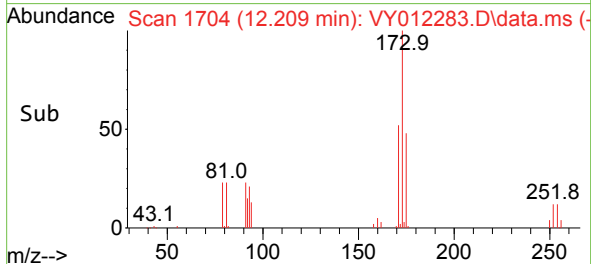
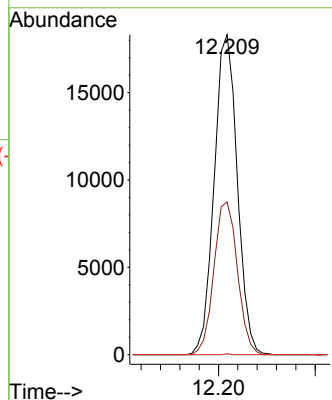
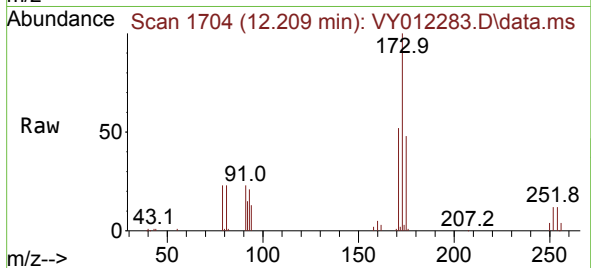
Tgt Ion:173 Resp: 30352

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

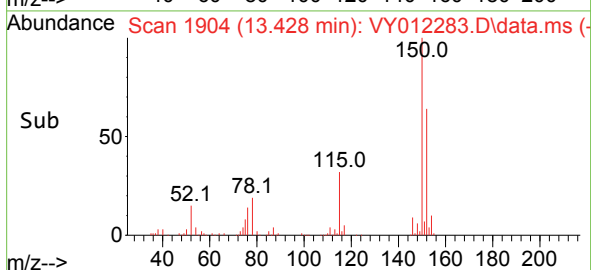
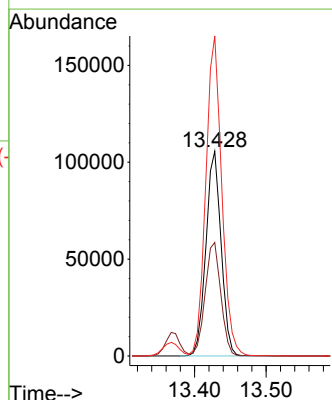
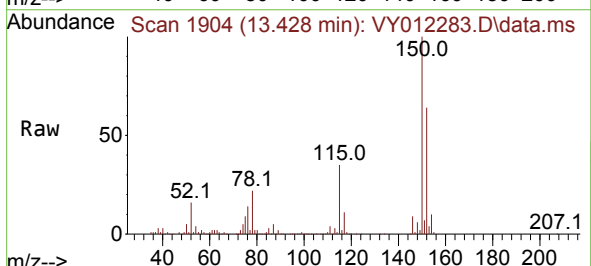
Tgt Ion:152 Resp: 155933

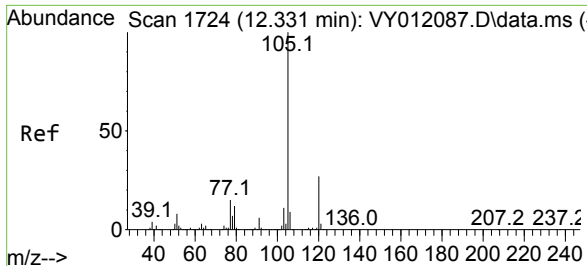
Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 164.2 0.0 342.6

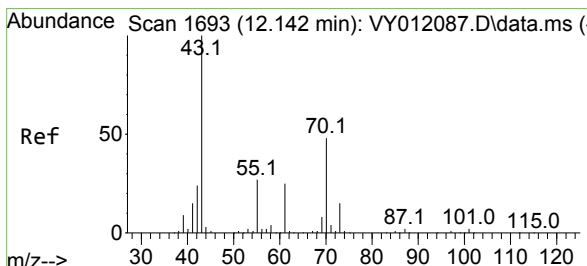
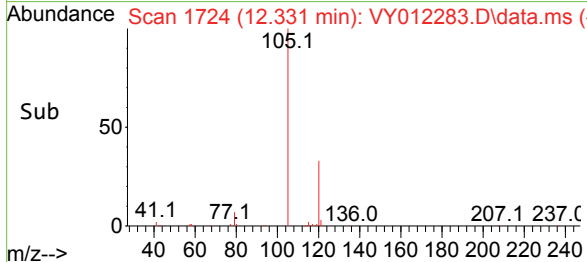
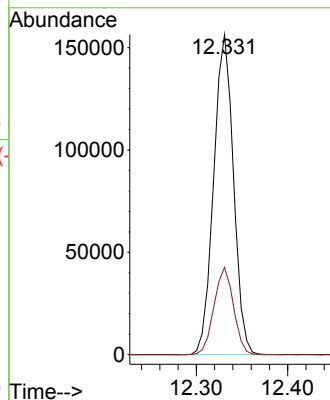
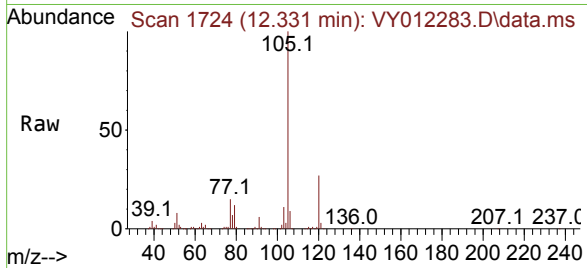




#73
Isopropylbenzene
Concen: 20.914 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

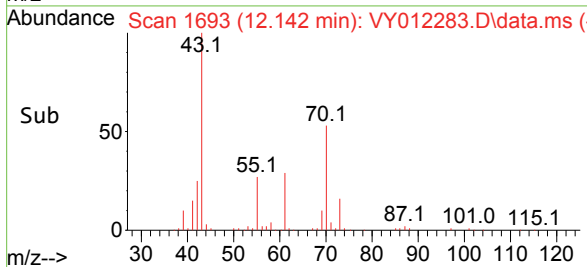
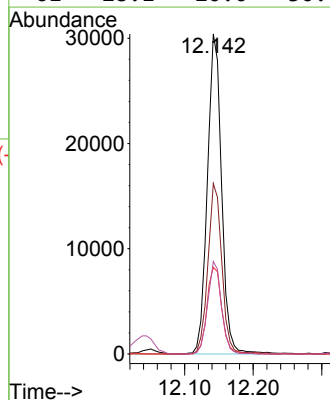
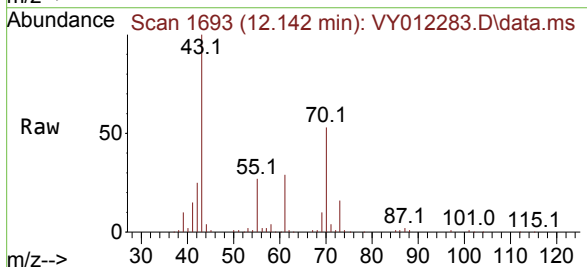
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

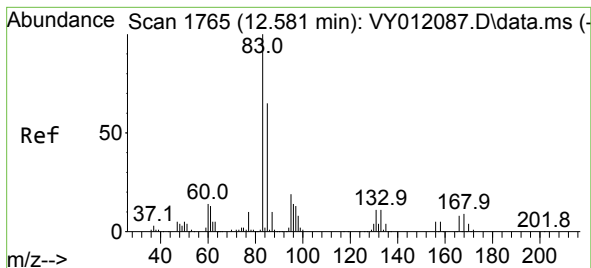
Tgt Ion:105 Resp: 235157
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 19.936 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 43 Resp: 43943
Ion Ratio Lower Upper
43 100
70 52.2 35.8 53.8
55 28.1 21.0 31.4
61 28.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.401 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

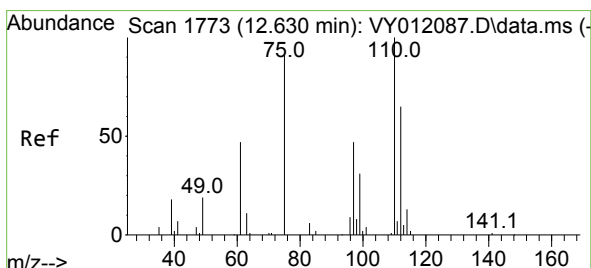
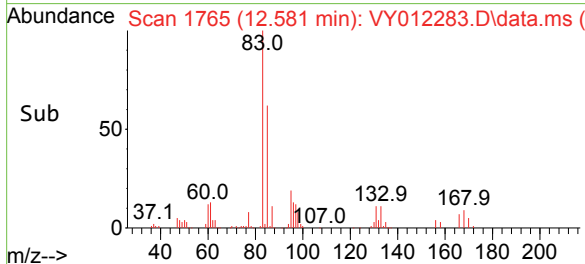
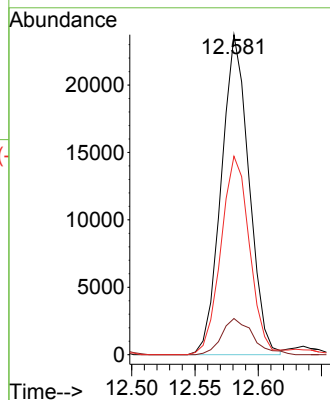
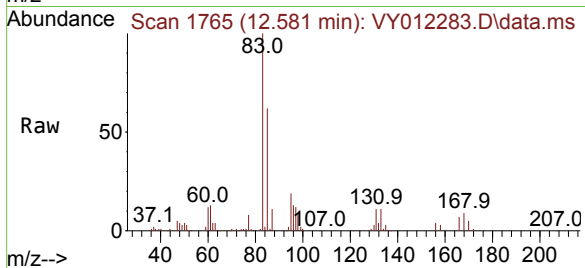
Tgt Ion: 83 Resp: 36132

Ion Ratio Lower Upper

83 100

131 12.7 5.6 16.8

85 64.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 38.028 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012283.D

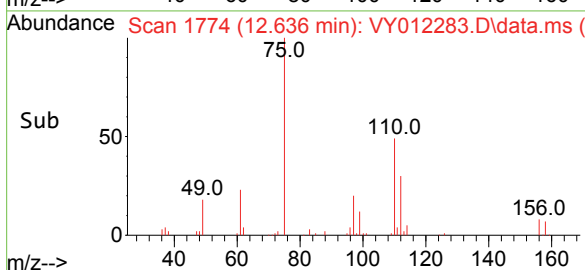
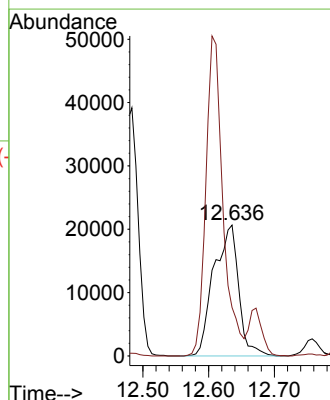
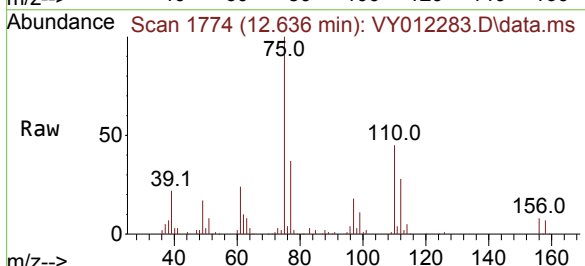
Acq: 20 Jan 2023 12:18

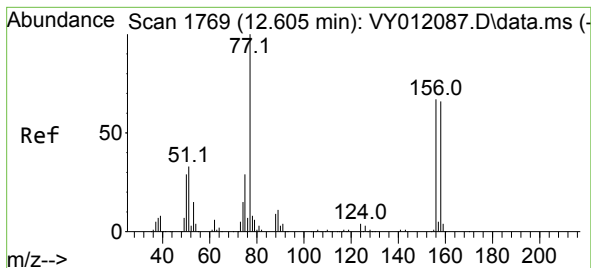
Tgt Ion: 75 Resp: 54527

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.636 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

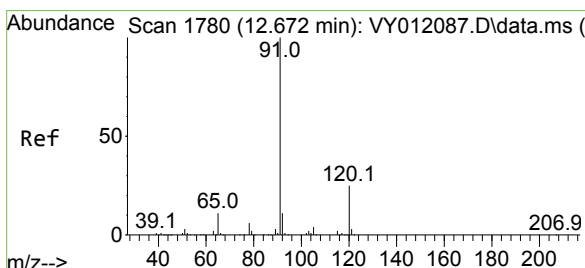
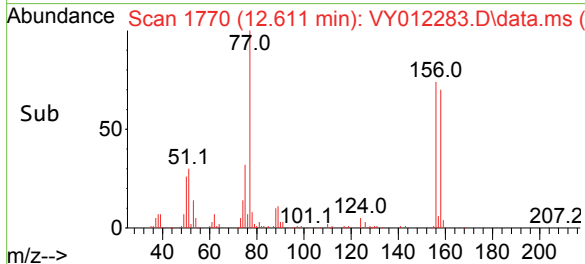
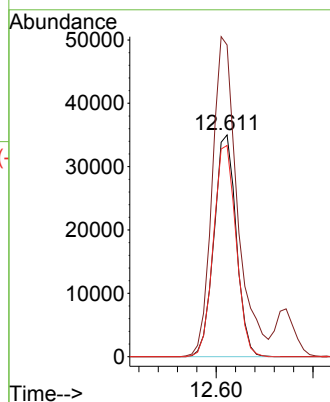
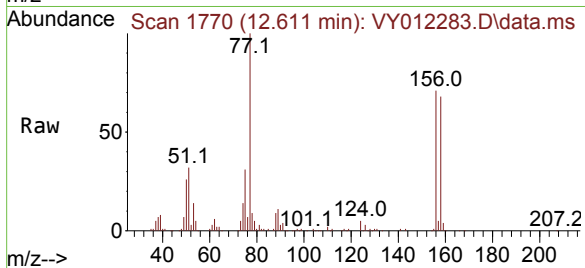
Tgt Ion:156 Resp: 55835

Ion Ratio Lower Upper

156 100

77 163.7 90.0 270.0

158 96.9 48.4 145.2



#78

n-propylbenzene

Concen: 21.018 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012283.D

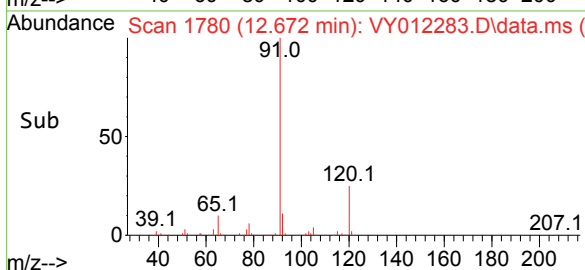
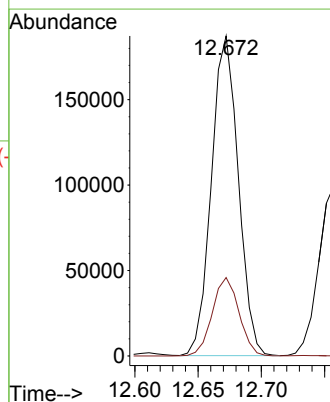
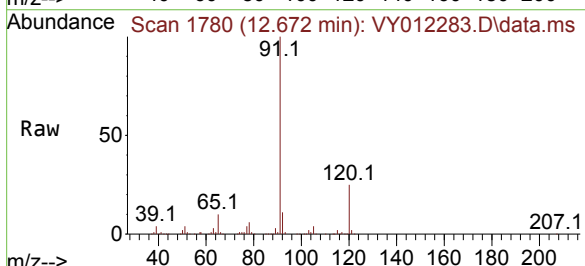
Acq: 20 Jan 2023 12:18

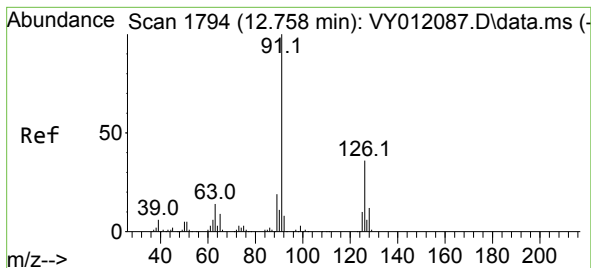
Tgt Ion: 91 Resp: 276552

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4

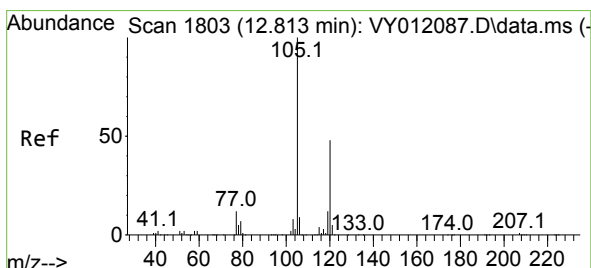
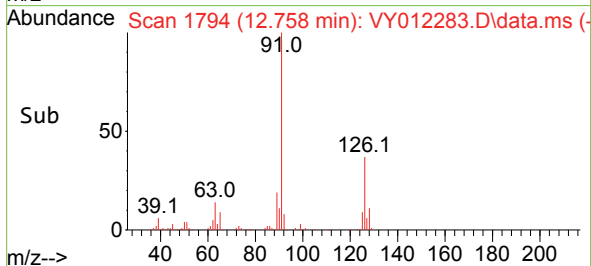
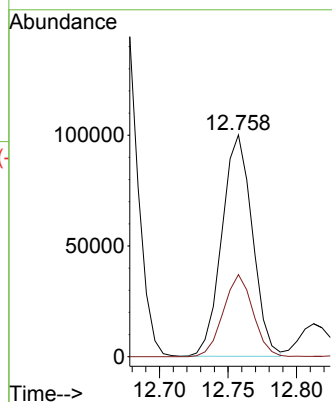
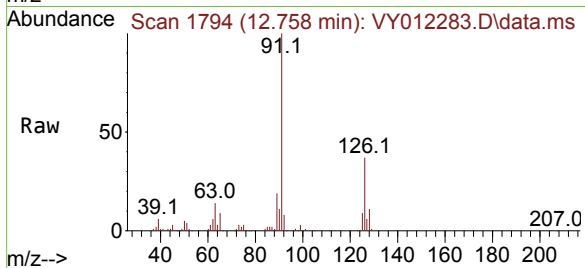




#79
2-Chlorotoluene
Concen: 20.850 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

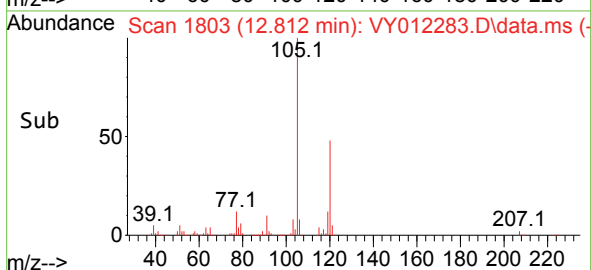
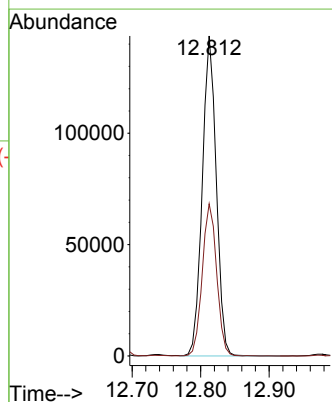
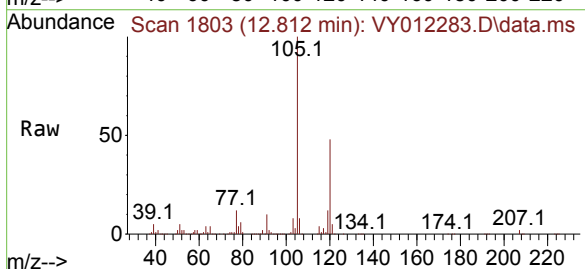
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

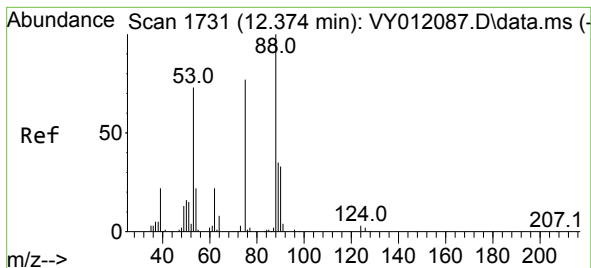
Tgt Ion: 91 Resp: 155111
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 20.933 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 105 Resp: 204610
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

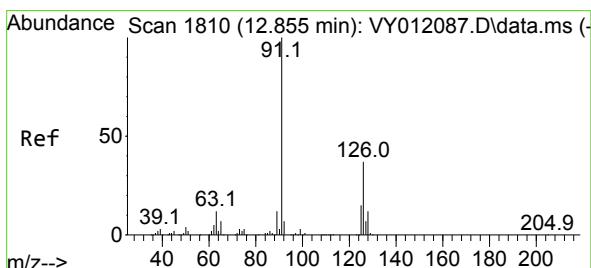
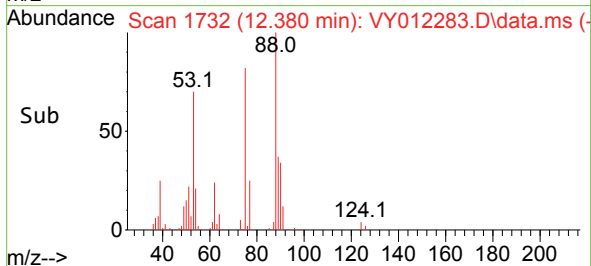
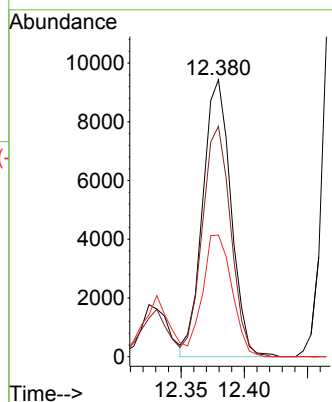
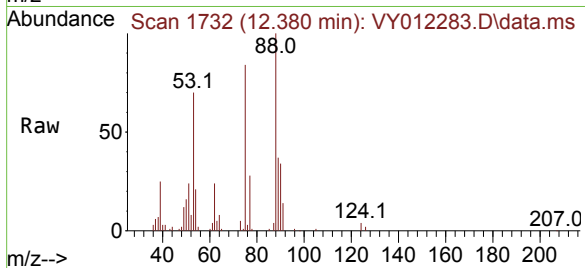




#81
trans-1,4-Dichloro-2-butene
Concen: 21.063 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

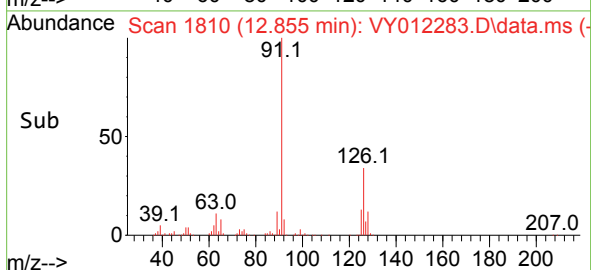
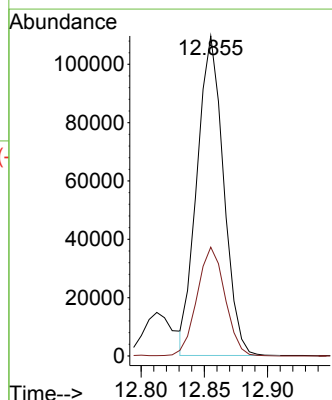
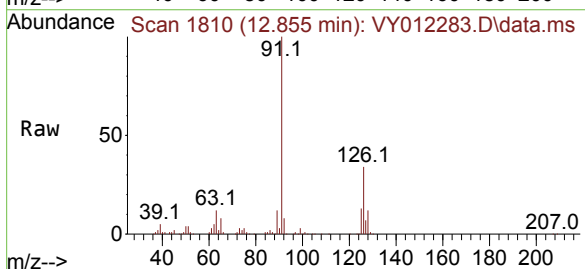
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

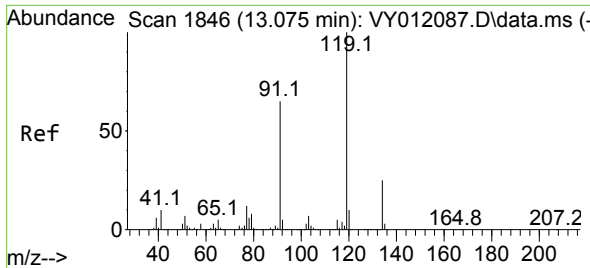
Tgt Ion: 75 Resp: 14658
Ion Ratio Lower Upper
75 100
53 84.1 72.5 108.7
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.503 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion: 91 Resp: 160219
Ion Ratio Lower Upper
91 100
126 35.8 17.1 51.2

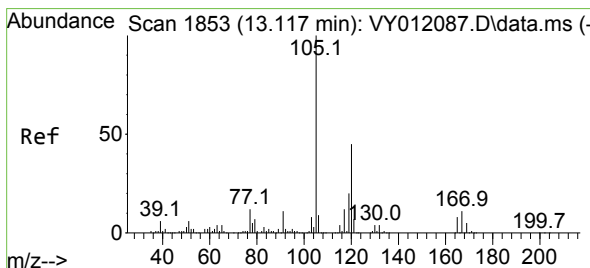
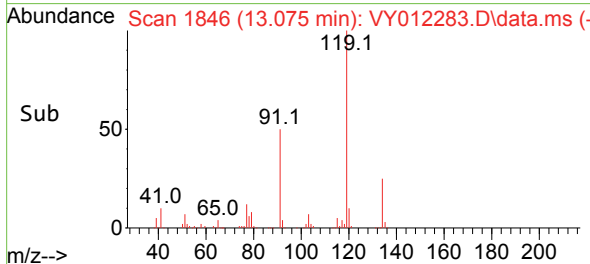
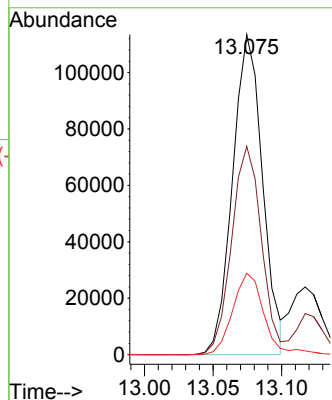
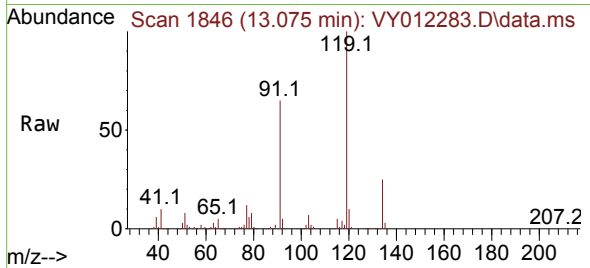




#83
tert-Butylbenzene
Concen: 20.271 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

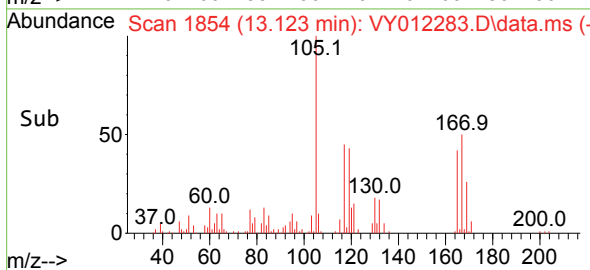
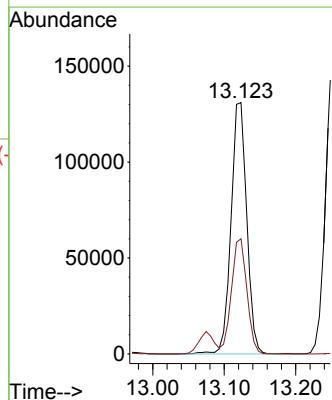
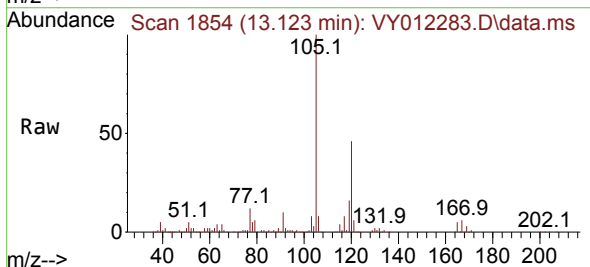
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

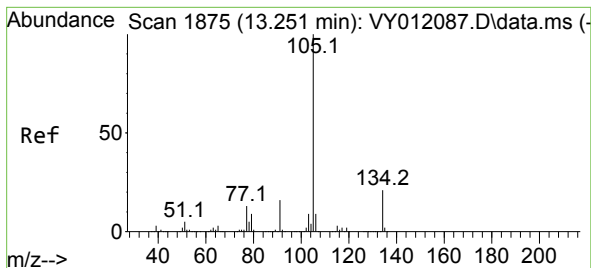
Tgt Ion:119 Resp: 172697
Ion Ratio Lower Upper
119 100
91 64.5 32.3 96.8
134 26.6 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.689 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion:105 Resp: 199431
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.897 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

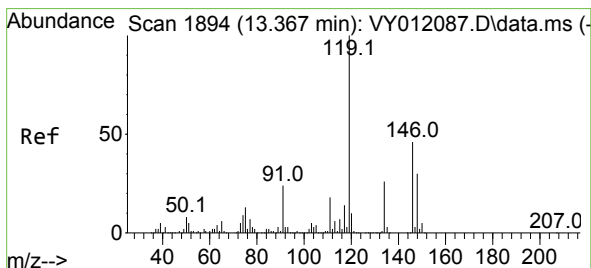
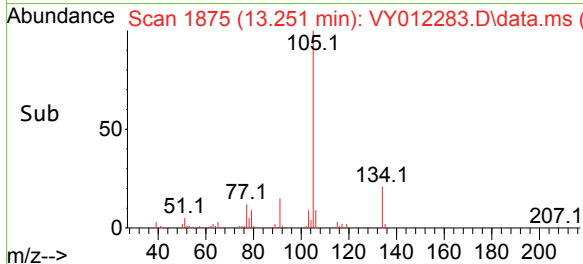
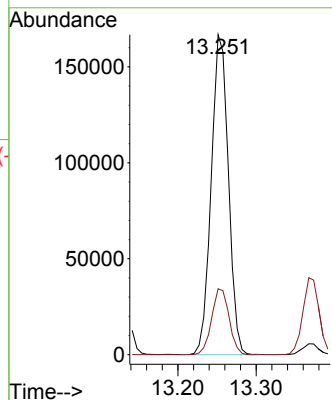
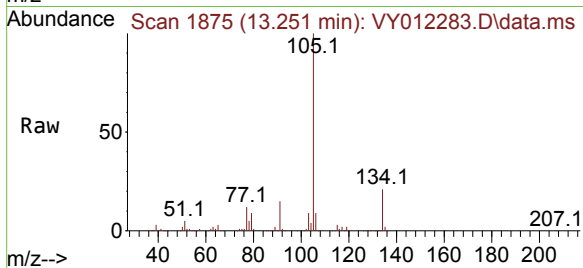
VY0120SBSD01

Tgt Ion:105 Resp: 253471

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.641 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

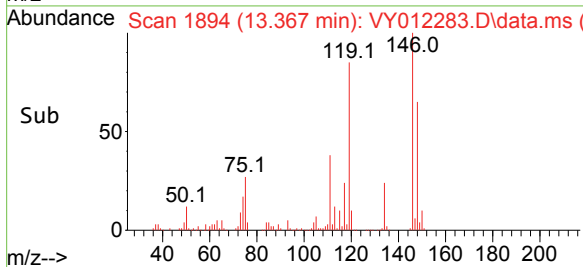
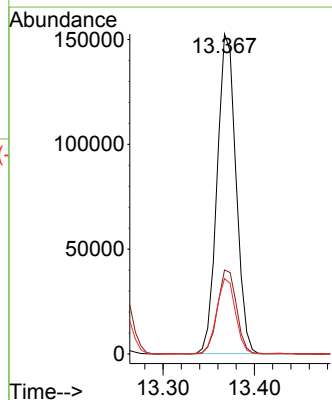
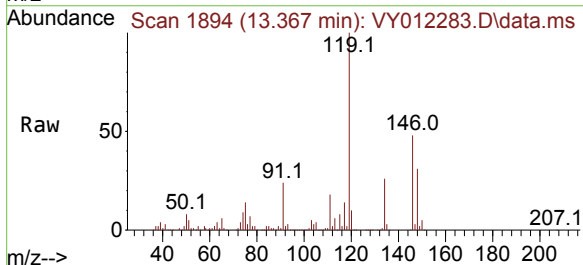
Tgt Ion:119 Resp: 218746

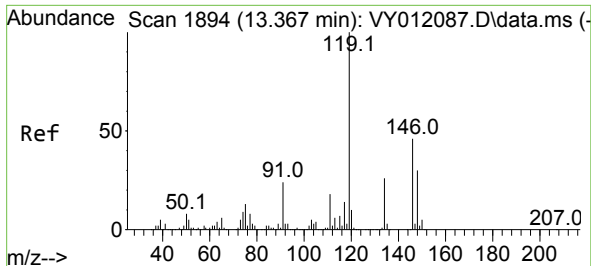
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 23.8 11.9 35.9

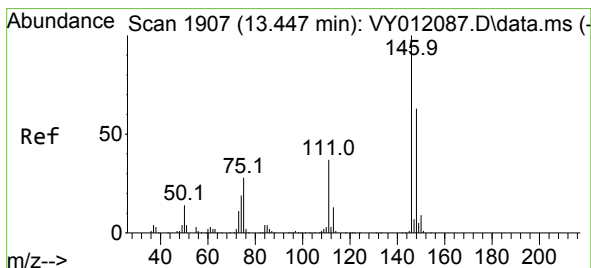
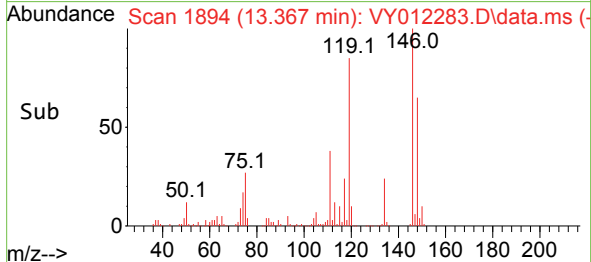
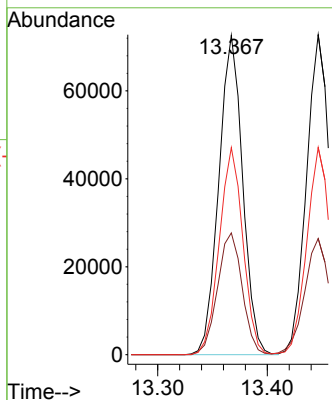
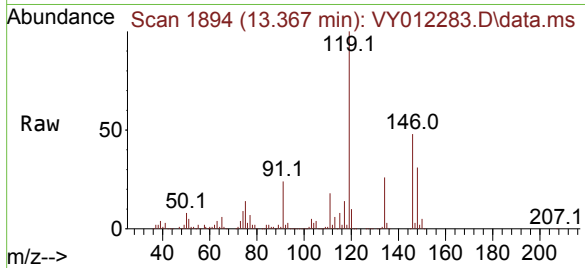




#87
1,3-Dichlorobenzene
Concen: 20.434 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

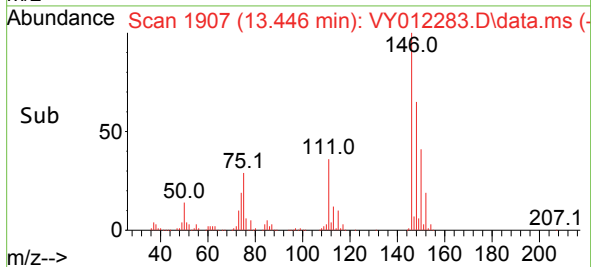
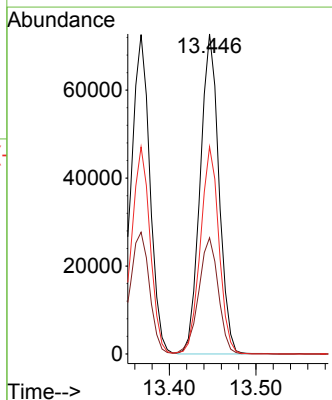
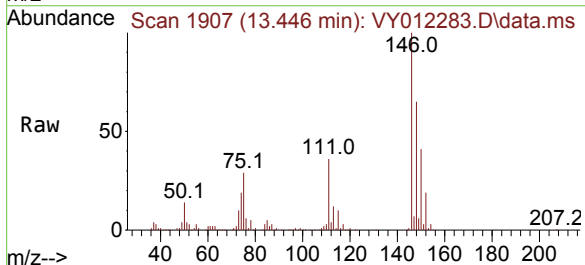
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBSD01

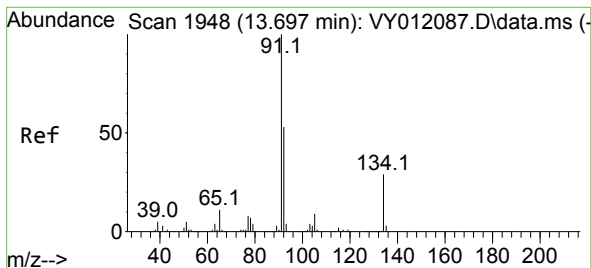
Tgt Ion:146 Resp: 109958
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 64.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 20.371 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion:146 Resp: 109323
Ion Ratio Lower Upper
146 100
111 37.8 19.6 58.7
148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 20.669 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

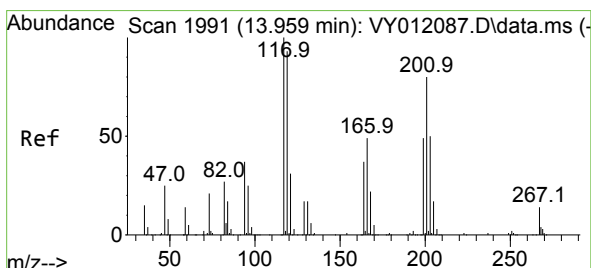
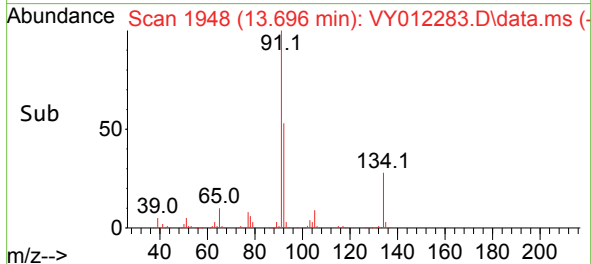
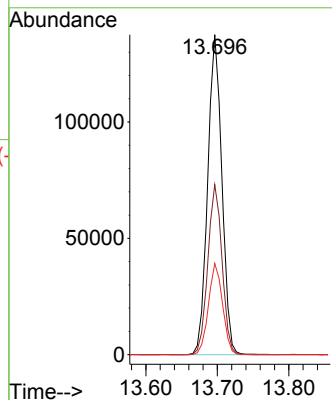
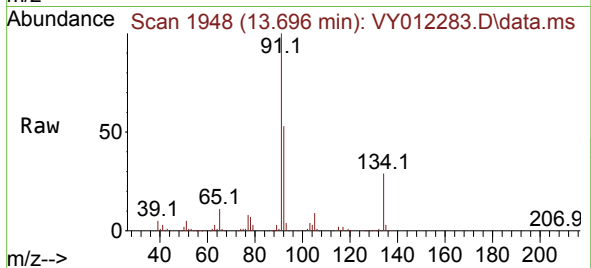
Tgt Ion: 91 Resp: 189825

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.4

134 28.3 13.3 39.8



#90

Hexachloroethane

Concen: 20.824 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012283.D

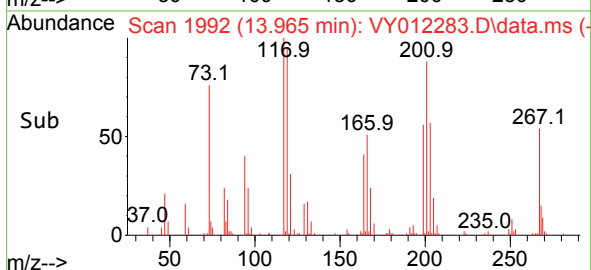
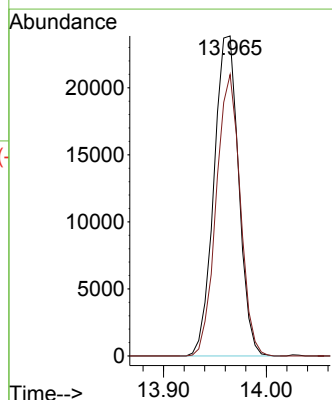
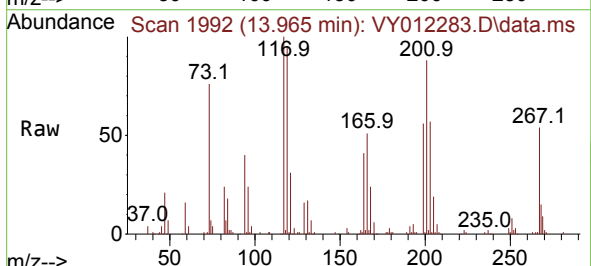
Acq: 20 Jan 2023 12:18

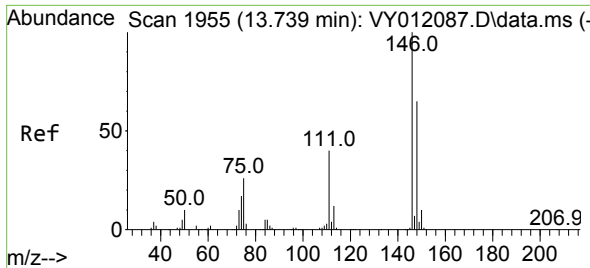
Tgt Ion: 117 Resp: 39839

Ion Ratio Lower Upper

117 100

201 85.2 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 20.300 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBS01

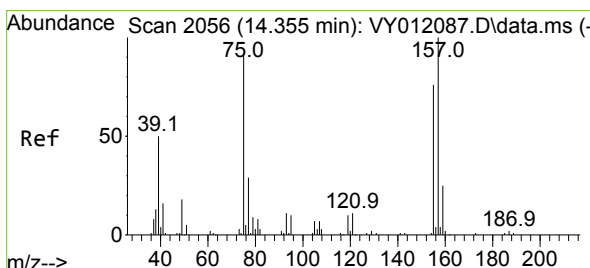
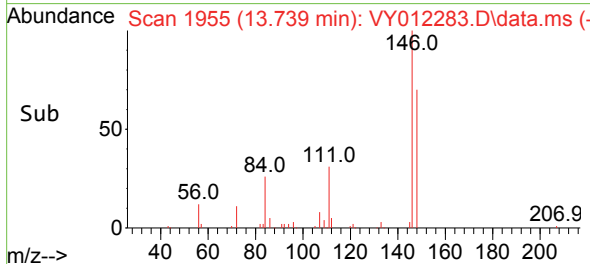
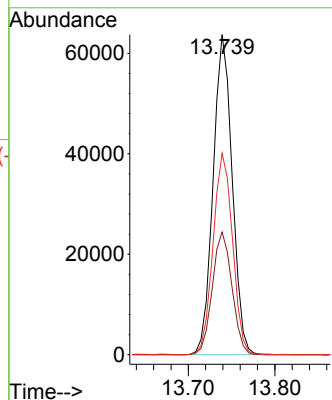
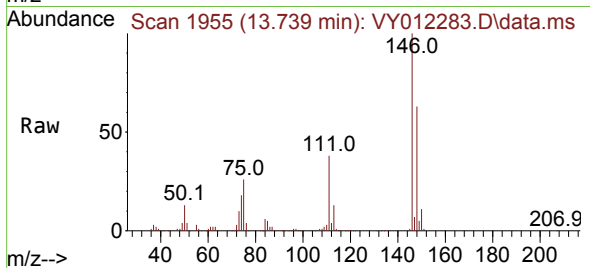
Tgt Ion:146 Resp: 97474

Ion Ratio Lower Upper

146 100

111 39.3 20.3 60.8

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.748 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

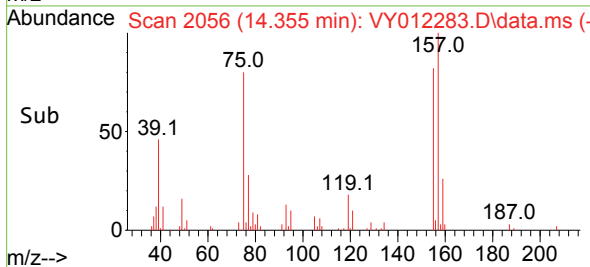
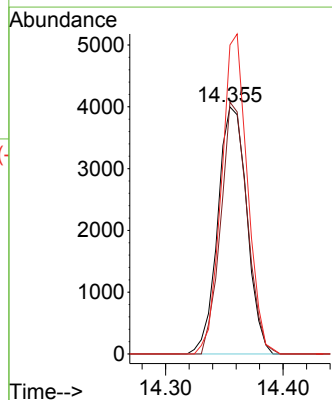
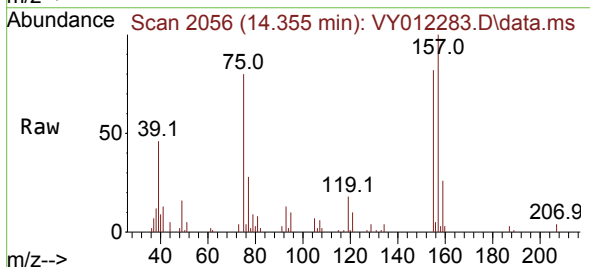
Tgt Ion: 75 Resp: 6862

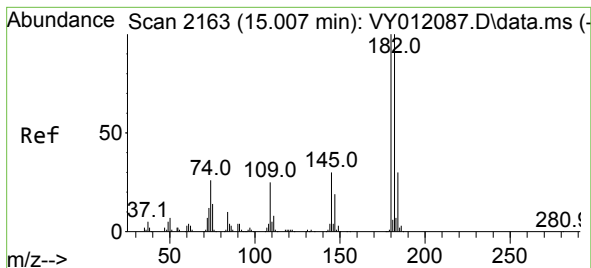
Ion Ratio Lower Upper

75 100

155 92.6 42.3 126.8

157 115.5 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 18.834 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBSD01

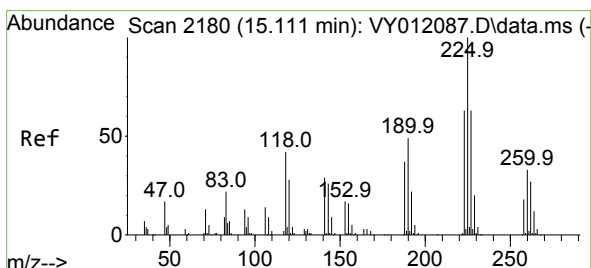
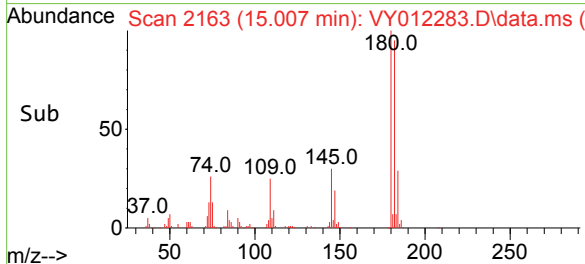
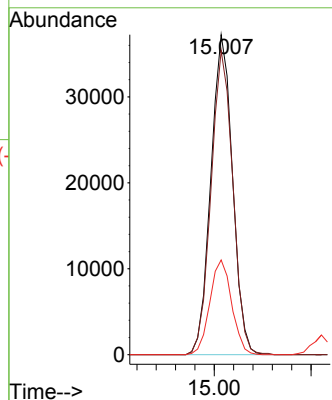
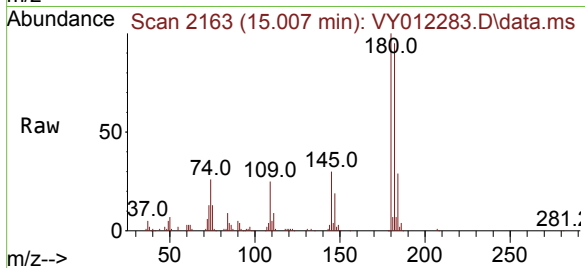
Tgt Ion:180 Resp: 57945

Ion Ratio Lower Upper

180 100

182 95.4 48.1 144.3

145 29.8 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.036 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012283.D

Acq: 20 Jan 2023 12:18

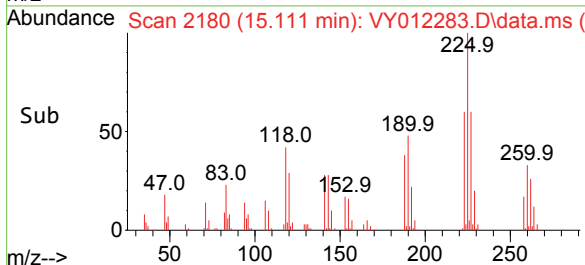
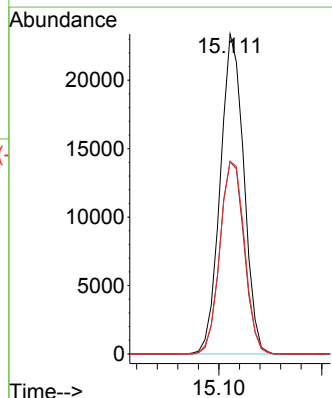
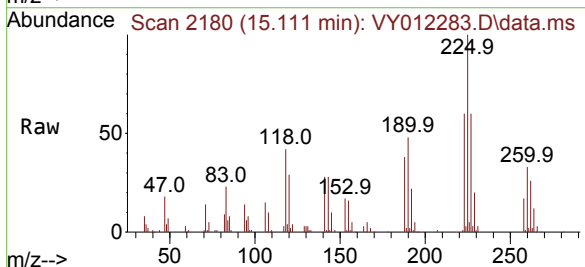
Tgt Ion:225 Resp: 37114

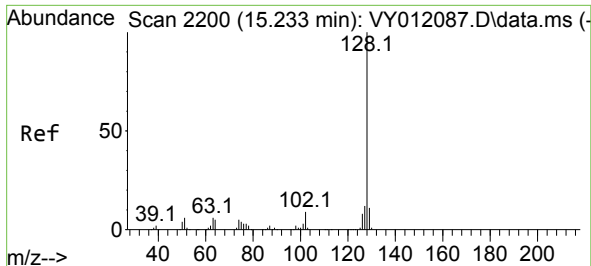
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.2

227 63.0 32.6 97.8

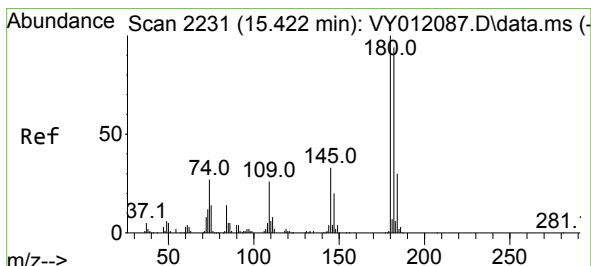
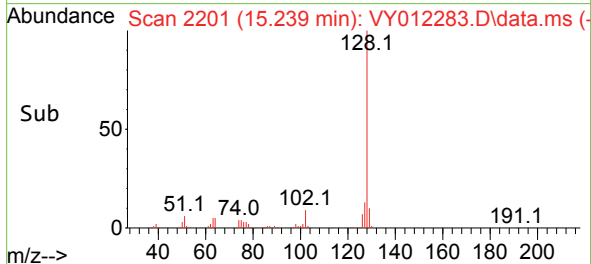
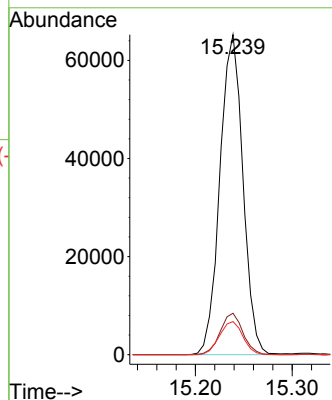
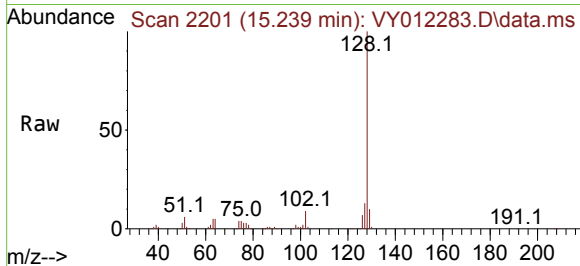




#95
Naphthalene
Concen: 17.753 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBS01

Tgt Ion:128 Resp: 107806
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.564 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY012283.D
Acq: 20 Jan 2023 12:18

Tgt Ion:180 Resp: 49149
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.7
145 32.5 16.1 48.2

