

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010162.D
 Acq On : 23 Aug 2022 14:00
 Operator : KP/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

Quant Time: Aug 24 04:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	227318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	92679	49.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.560%
35) Dibromofluoromethane	7.710	113	103391	51.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.179	98	348938	46.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.477	95	139252	51.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29380	17.341	ug/l	95
3) Chloromethane	2.107	50	30098	15.789	ug/l	99
4) Vinyl Chloride	2.241	62	33824	16.289	ug/l	99
5) Bromomethane	2.631	94	29520	18.779	ug/l	93
6) Chloroethane	2.778	64	26444	19.954	ug/l	99
7) Trichlorofluoromethane	3.107	101	63322	17.994	ug/l	98
8) Diethyl Ether	3.521	74	23936	19.928	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	42049	19.249	ug/l	99
10) Methyl Iodide	4.082	142	46408	17.200	ug/l	97
11) Tert butyl alcohol	4.948	59	21369	116.531	ug/l	99
12) 1,1-Dichloroethene	3.857	96	37815	18.045	ug/l	96
13) Acrolein	3.723	56	11839	114.200	ug/l	100
14) Allyl chloride	4.466	41	62070	20.026	ug/l	98
15) Acrylonitrile	5.155	53	64526	111.754	ug/l	100
16) Acetone	3.942	43	54177	116.257	ug/l	99
17) Carbon Disulfide	4.180	76	91518	13.761	ug/l	100
18) Methyl Acetate	4.466	43	31226	21.870	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	109550	21.097	ug/l	100
20) Methylene Chloride	4.704	84	61227	17.894	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	43133	18.153	ug/l	96
22) Diisopropyl ether	6.106	45	141255	21.697	ug/l	93
23) Vinyl Acetate	6.051	43	424498	107.444	ug/l	100
24) 1,1-Dichloroethane	6.009	63	81136	20.681	ug/l	100
25) 2-Butanone	6.978	43	83263	111.074	ug/l	97
26) 2,2-Dichloropropane	6.972	77	70581	20.105	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	50986	19.395	ug/l	95
28) Bromochloromethane	7.320	49	25907	19.433	ug/l	95
29) Tetrahydrofuran	7.344	42	52648	109.825	ug/l	98
30) Chloroform	7.496	83	84654	20.634	ug/l	99
31) Cyclohexane	7.777	56	67056	17.578	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	73449	20.536	ug/l	98
36) 1,1-Dichloropropene	7.911	75	59248	18.425	ug/l	99
37) Ethyl Acetate	7.070	43	36183	22.163	ug/l	99
38) Carbon Tetrachloride	7.893	117	65969	19.561	ug/l	95
39) Methylcyclohexane	9.179	83	68792	17.348	ug/l	97
40) Benzene	8.155	78	181759	19.216	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18123	19.365	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	51513	21.235	ug/l	99
43) Isopropyl Acetate	8.265	43	64167	21.771	ug/l	99
44) Trichloroethene	8.935	130	51448	18.976	ug/l	97
45) 1,2-Dichloropropane	9.209	63	46598	20.471	ug/l	99
46) Dibromomethane	9.301	93	26491	19.892	ug/l	99
47) Bromodichloromethane	9.490	83	64699	20.874	ug/l	97
48) Methyl methacrylate	9.289	41	28129	21.331	ug/l	98
49) 1,4-Dioxane	9.295	88	6509	421.982	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	176761	110.849	ug/l	99
52) Toluene	10.240	92	117075	19.523	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	65791	20.770	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	74053	20.041	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	40414	21.073	ug/l	99
56) Ethyl methacrylate	10.508	69	50526	20.889	ug/l	97
57) 1,3-Dichloropropane	10.788	76	64946	20.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	117105	121.380	ug/l	98
59) 2-Hexanone	10.831	43	122147	111.713	ug/l	98
60) Dibromochloromethane	10.984	129	47459	20.305	ug/l	100
61) 1,2-Dibromoethane	11.087	107	37045	19.847	ug/l	100
64) Tetrachloroethene	10.715	164	49295	18.529	ug/l	99
65) Chlorobenzene	11.514	112	130722	19.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	50229	20.498	ug/l	99
67) Ethyl Benzene	11.593	91	226456	19.604	ug/l	100
68) m/p-Xylenes	11.703	106	176839	39.255	ug/l	99
69) o-Xylene	12.026	106	84088	20.047	ug/l	99
70) Styrene	12.044	104	146530	20.471	ug/l	99
71) Bromoform	12.203	173	31194	20.680	ug/l #	99
73) Isopropylbenzene	12.331	105	225476	19.136	ug/l	100
74) N-amyl acetate	12.142	43	58296	20.525	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	46565	19.757	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	60542	36.910	ug/l #	100
77) Bromobenzene	12.605	156	55589	19.395	ug/l	99
78) n-propylbenzene	12.666	91	281367	19.449	ug/l	100
79) 2-Chlorotoluene	12.752	91	158285	19.423	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	196922	19.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	16493	20.196	ug/l	96
82) 4-Chlorotoluene	12.855	91	165662	19.610	ug/l	100
83) tert-Butylbenzene	13.075	119	169305	19.699	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	194778	19.949	ug/l	100
85) sec-Butylbenzene	13.251	105	256142	19.657	ug/l	99
86) p-Isopropyltoluene	13.367	119	212871	19.818	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	113409	19.650	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	112004	19.382	ug/l	98
89) n-Butylbenzene	13.696	91	199840	19.767	ug/l	99
90) Hexachloroethane	13.959	117	43326	19.783	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	101388	19.791	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7447	20.667	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	62725	20.651	ug/l	99
94) Hexachlorobutadiene	15.111	225	37584	20.843	ug/l	98
95) Naphthalene	15.233	128	120728	20.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	53685	20.282	ug/l	98

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Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

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Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

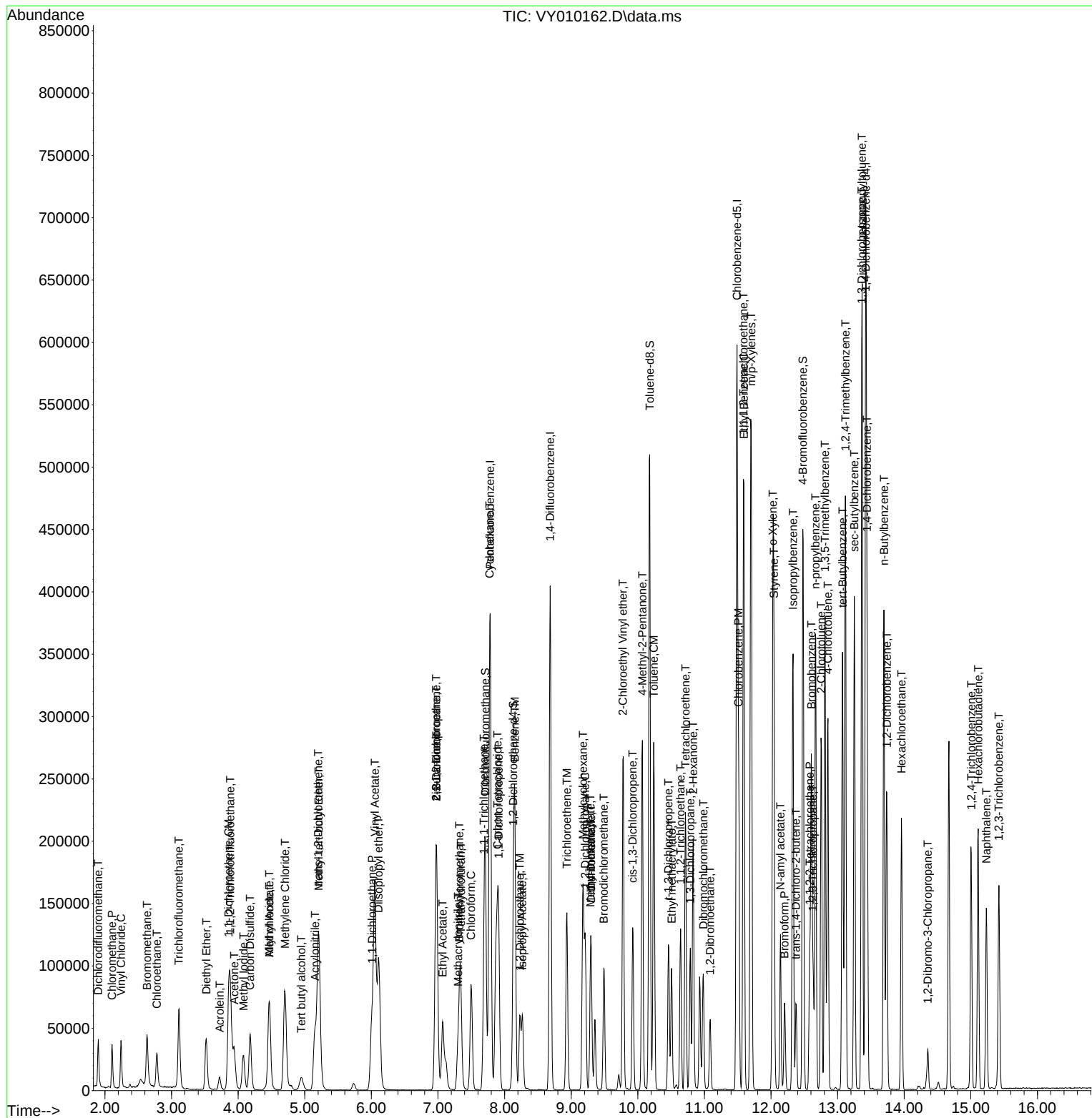
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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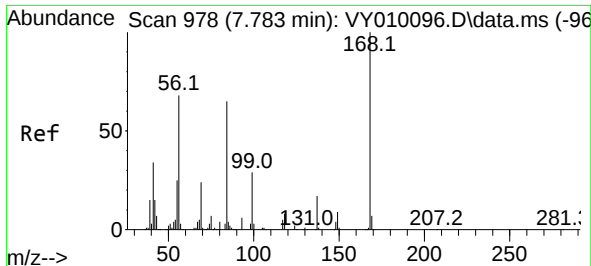
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 Data File : VY010162.D
 Acq On : 23 Aug 2022 14:00
 Operator : KP/MD
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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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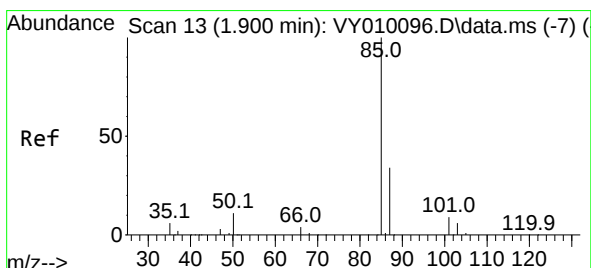
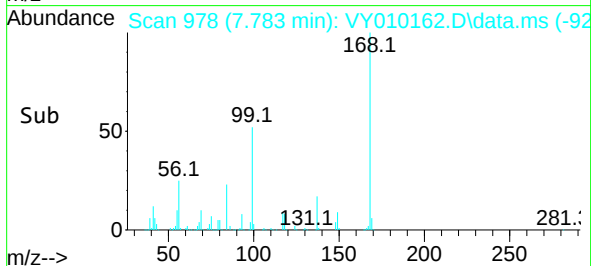
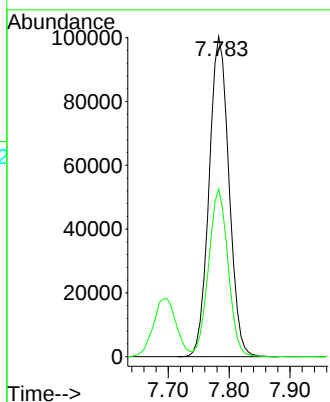
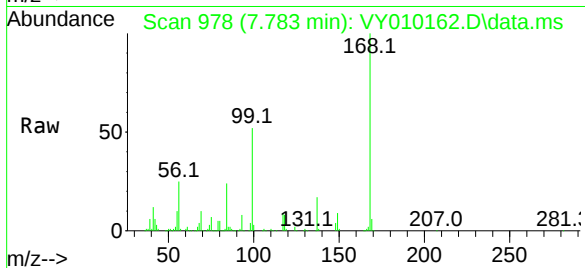




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

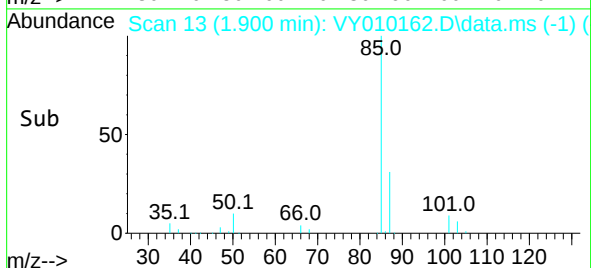
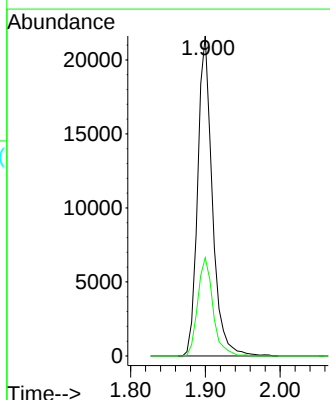
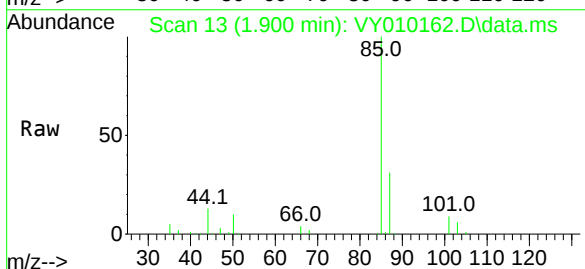
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

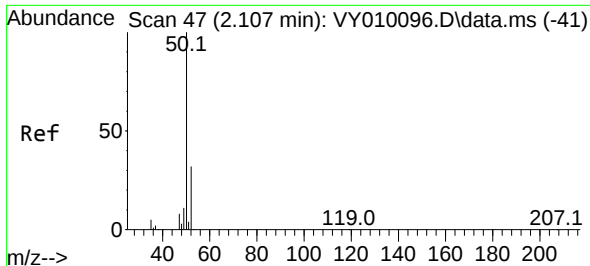
Tgt Ion:168 Resp: 227318
Ion Ratio Lower Upper
168 100
99 52.4 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 17.341 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 85 Resp: 29380
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.4

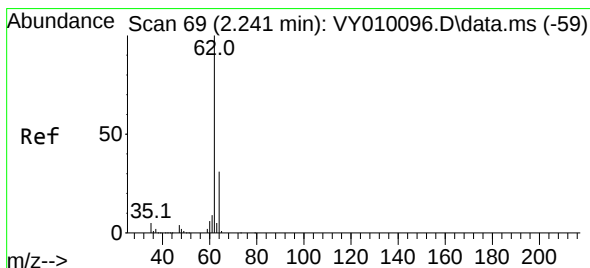
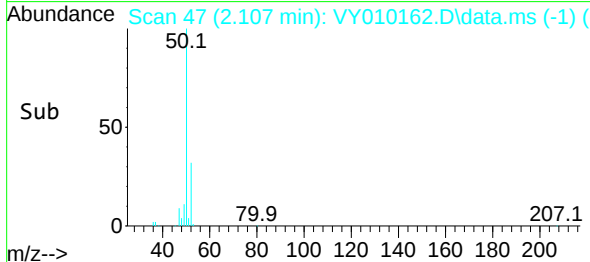
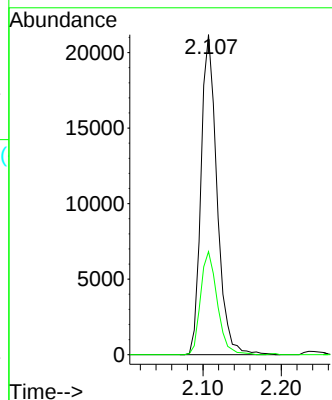
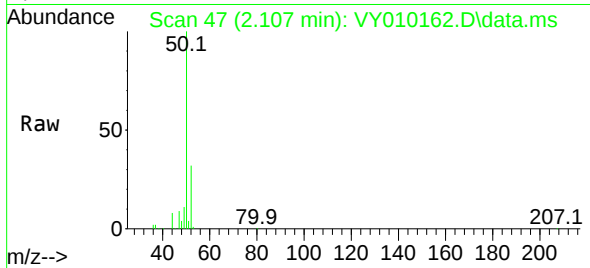




#3
Chloromethane
Concen: 15.789 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

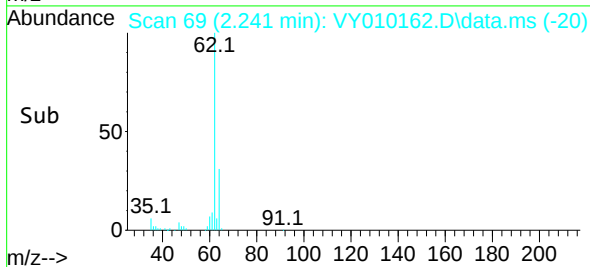
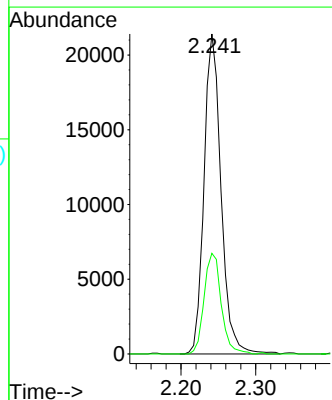
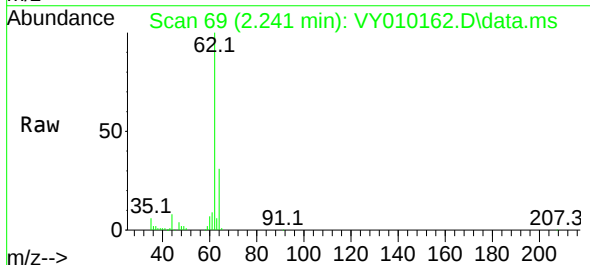
Instrument :
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ClientSampleId :
VY0823SBSD01

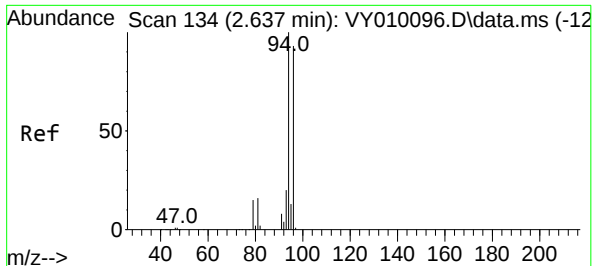
Tgt Ion: 50 Resp: 30098
Ion Ratio Lower Upper
50 100
52 32.2 25.3 37.9



#4
Vinyl Chloride
Concen: 16.289 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 62 Resp: 33824
Ion Ratio Lower Upper
62 100
64 31.4 24.7 37.1

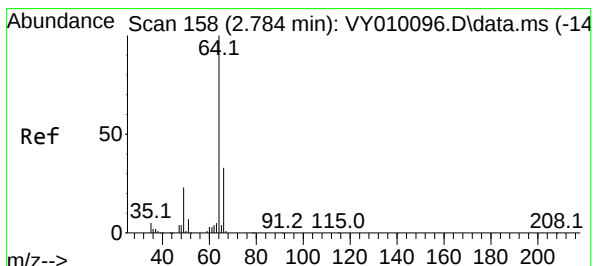
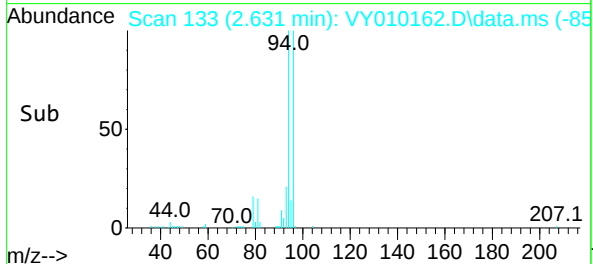
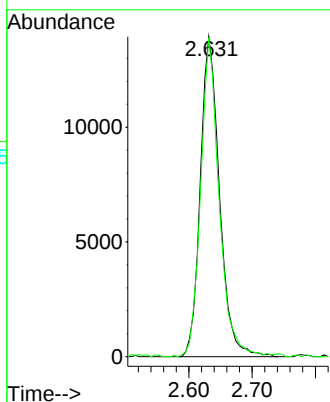
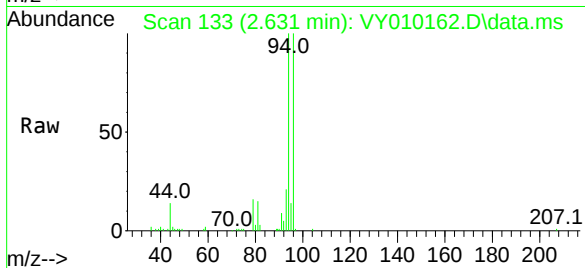




#5
Bromomethane
Concen: 18.779 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

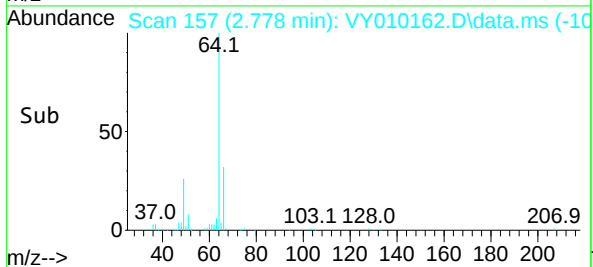
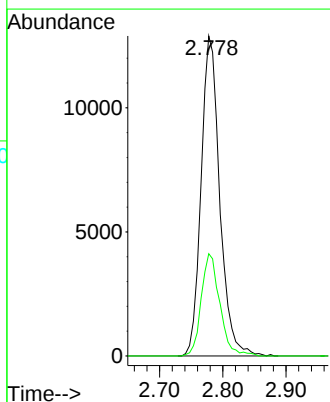
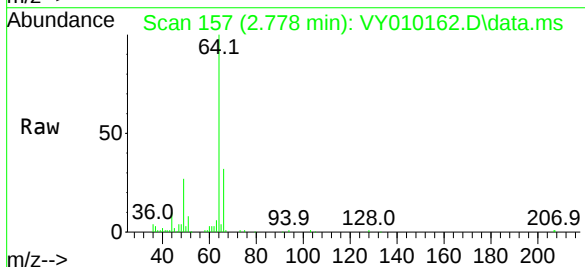
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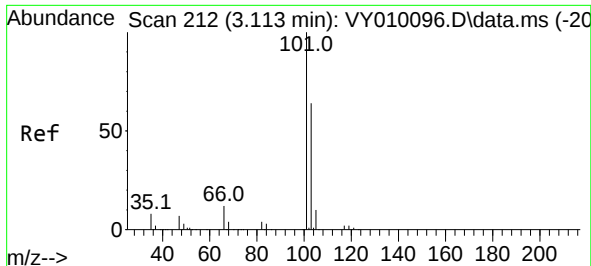
Tgt Ion: 94 Resp: 29520
Ion Ratio Lower Upper
94 100
96 99.7 74.3 111.5



#6
Chloroethane
Concen: 19.954 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 64 Resp: 26444
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

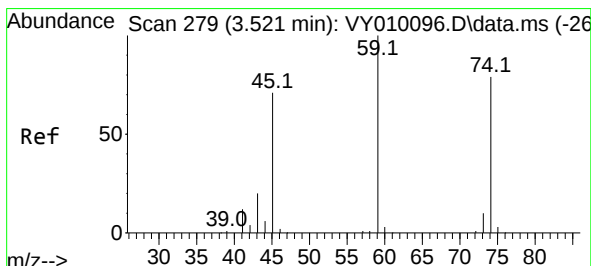
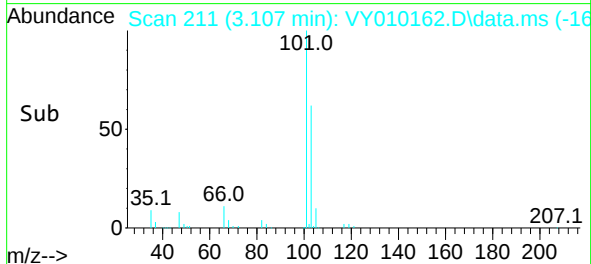
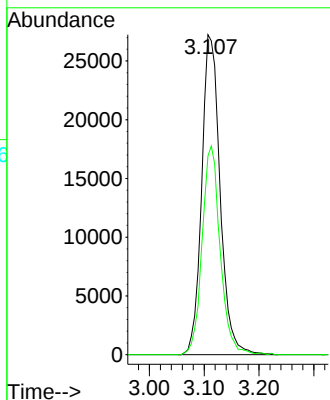
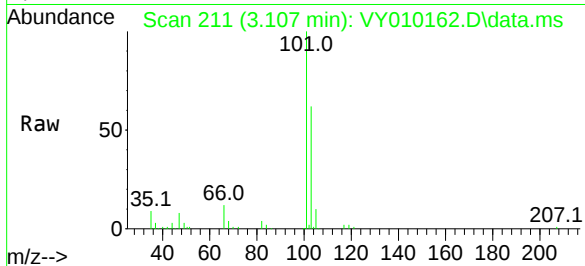




#7
Trichlorofluoromethane
Concen: 17.994 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

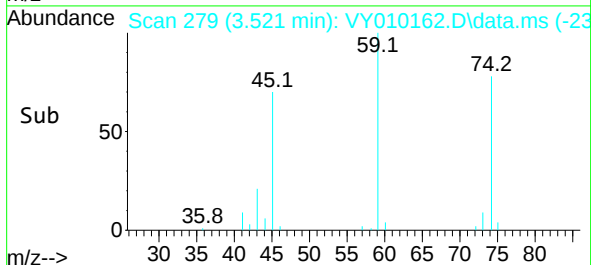
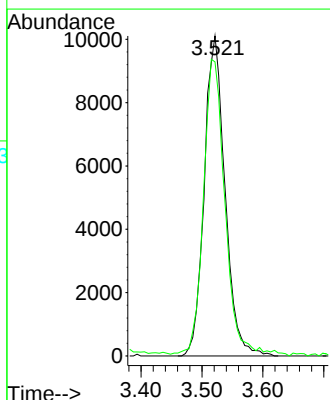
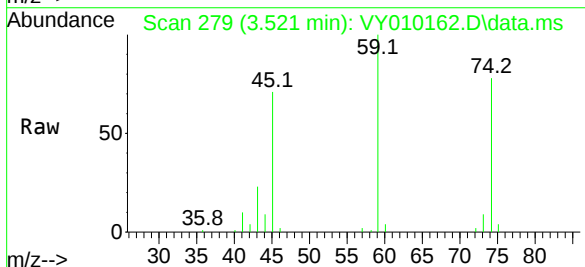
Instrument :
MSVOA_Y
ClientSampleId :
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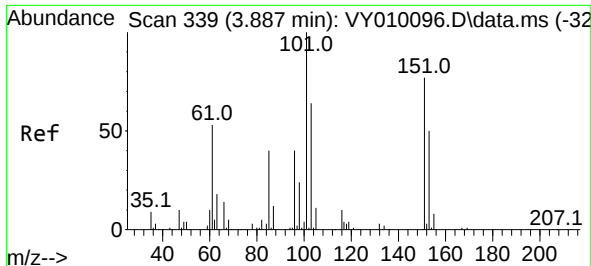
Tgt Ion:101 Resp: 63322
Ion Ratio Lower Upper
101 100
103 62.1 51.1 76.7



#8
Diethyl Ether
Concen: 19.928 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 74 Resp: 23936
Ion Ratio Lower Upper
74 100
45 97.4 46.8 140.3

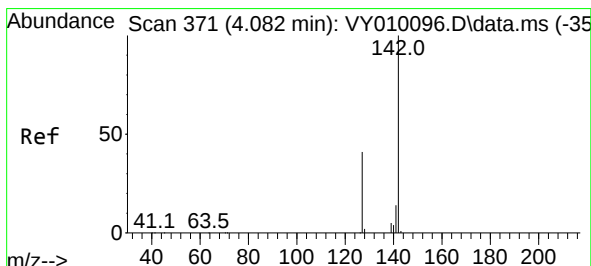
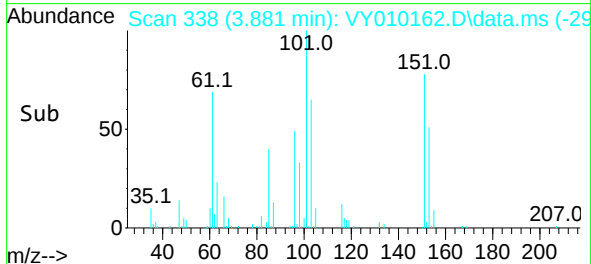
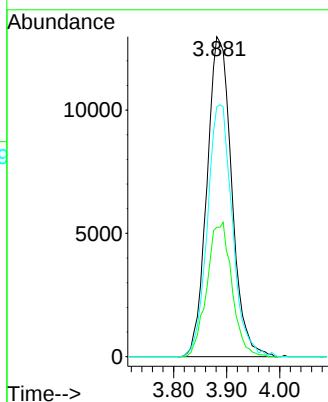
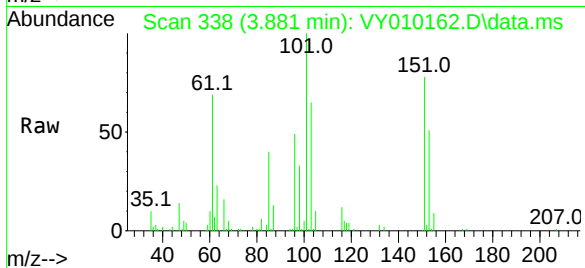




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.249 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

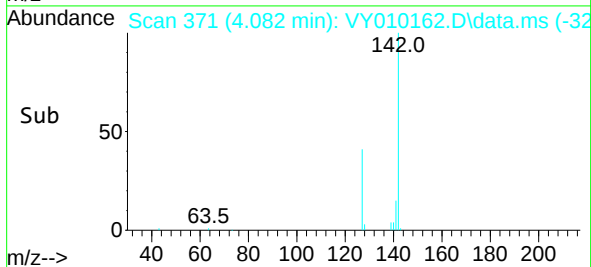
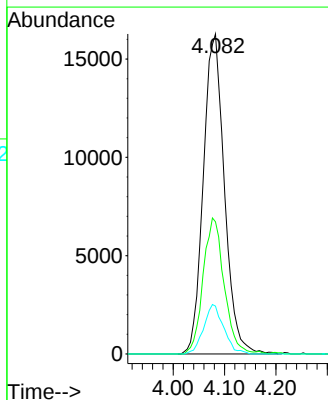
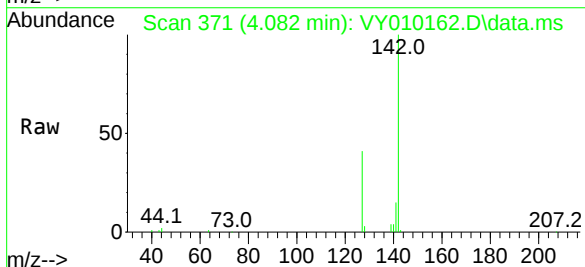
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

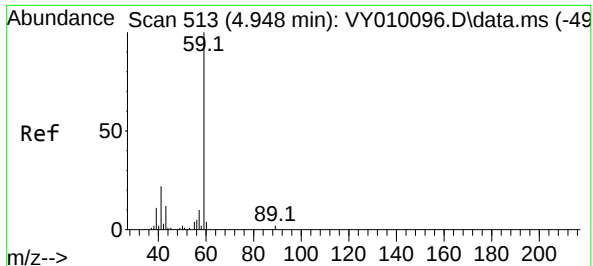
Tgt Ion:	101	Resp:	42049
Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.4	50.2
151	79.3	63.8	95.8



#10
Methyl Iodide
Concen: 17.200 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion:	142	Resp:	46408
Ion	Ratio	Lower	Upper
142	100		
127	42.6	32.2	48.4
141	14.7	11.7	17.5





#11

Tert butyl alcohol

Concen: 116.531 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

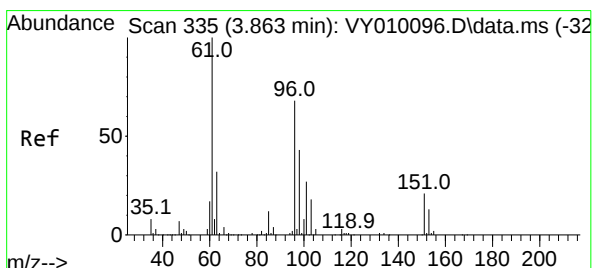
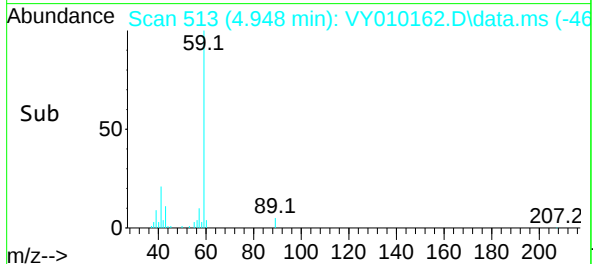
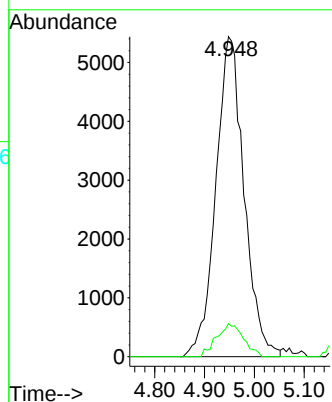
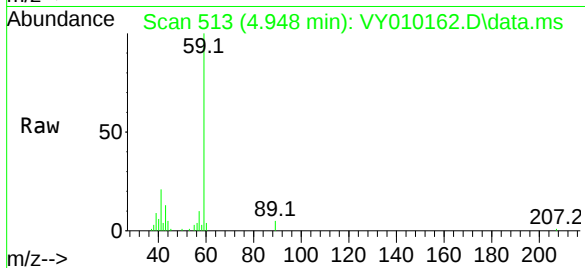
VY0823SBS01

Tgt Ion: 59 Resp: 21369

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



#12

1,1-Dichloroethene

Concen: 18.045 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

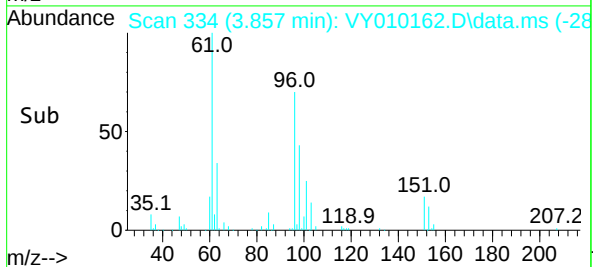
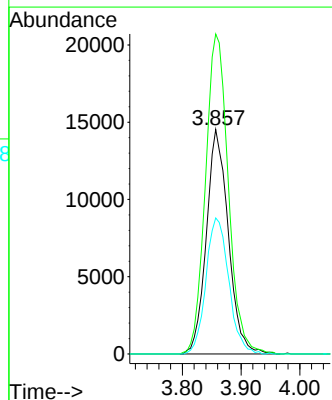
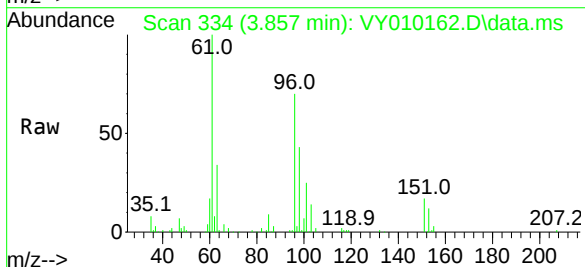
Tgt Ion: 96 Resp: 37815

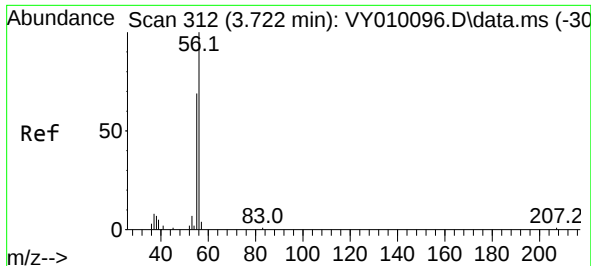
Ion Ratio Lower Upper

96 100

61 142.6 118.0 177.0

98 60.6 50.6 76.0

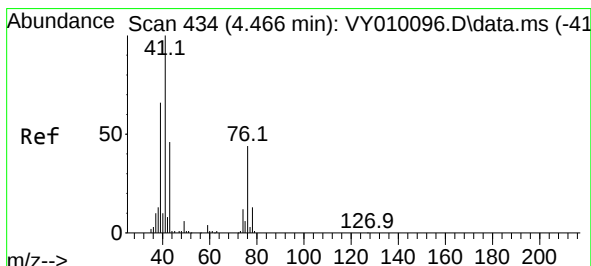
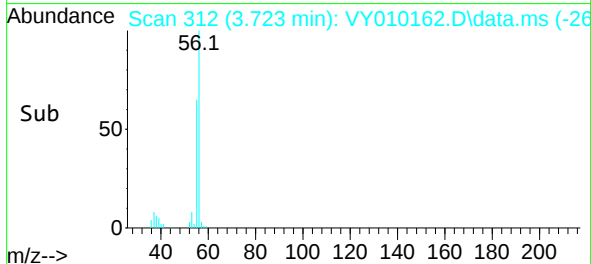
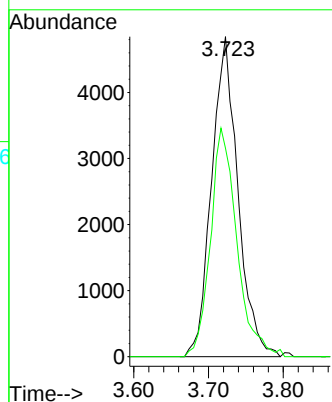
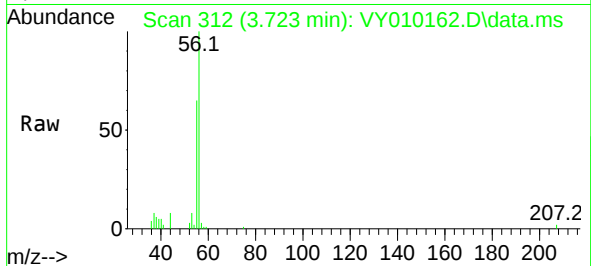




#13
Acrolein
Concen: 114.200 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.001 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

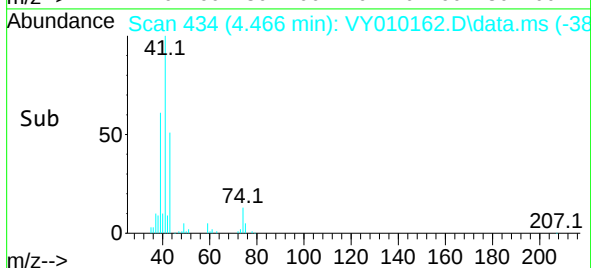
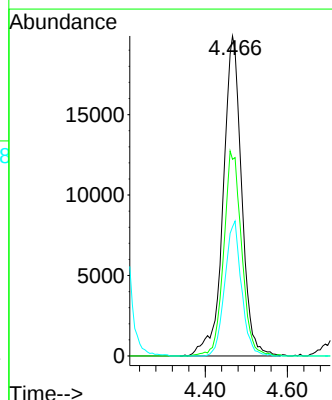
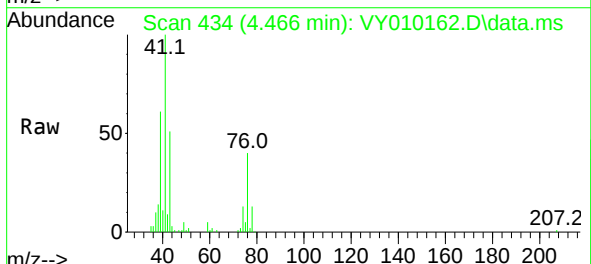
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

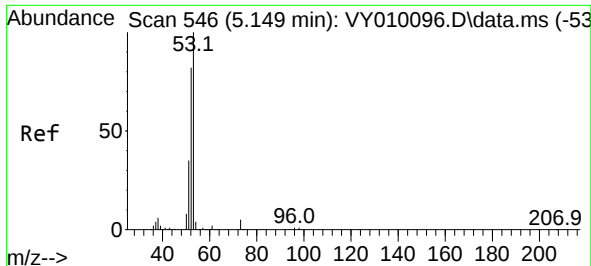
Tgt Ion: 56 Resp: 11839
Ion Ratio Lower Upper
56 100
55 71.9 57.5 86.3



#14
Allyl chloride
Concen: 20.026 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

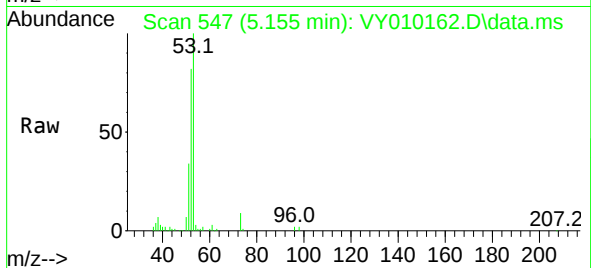
Tgt Ion: 41 Resp: 62070
Ion Ratio Lower Upper
41 100
39 61.9 49.8 74.6
76 38.1 32.6 48.8



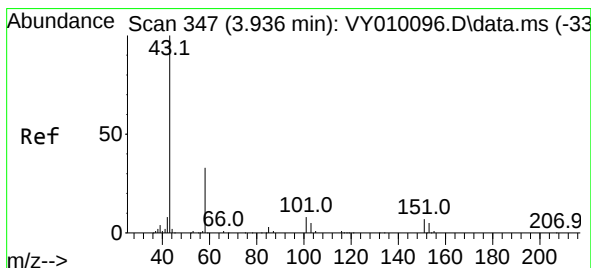
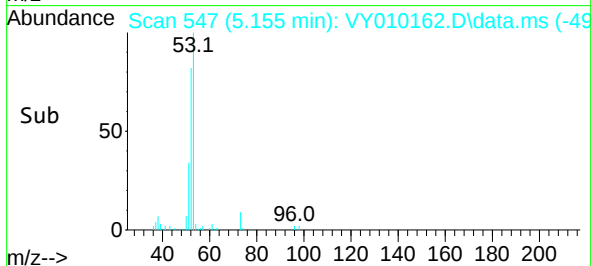
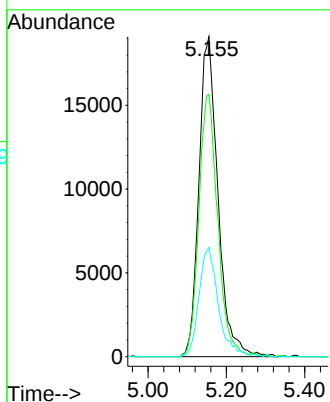


#15
Acrylonitrile
Concen: 111.754 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

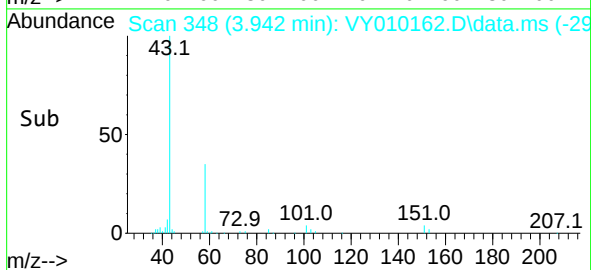
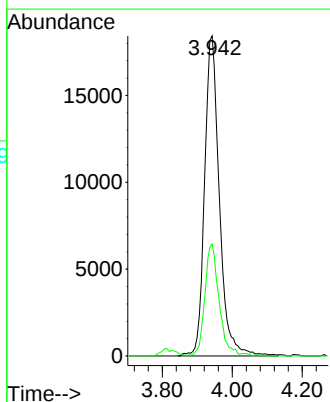
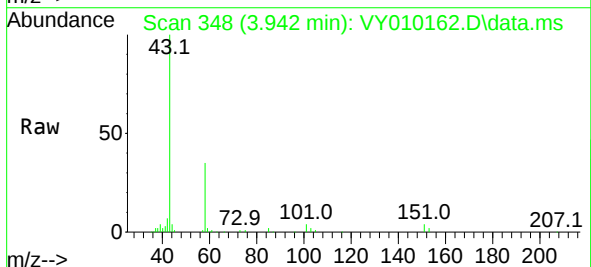


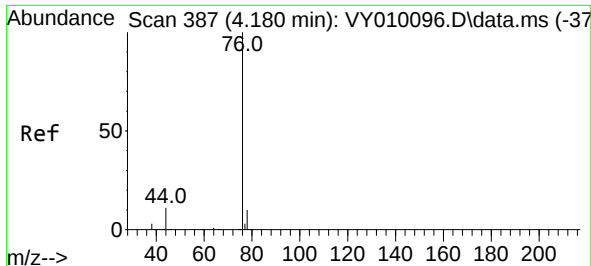
Tgt Ion: 53 Resp: 64526
Ion Ratio Lower Upper
53 100
52 80.8 64.6 96.8
51 34.9 28.3 42.5



#16
Acetone
Concen: 116.257 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 43 Resp: 54177
Ion Ratio Lower Upper
43 100
58 35.0 27.4 41.0

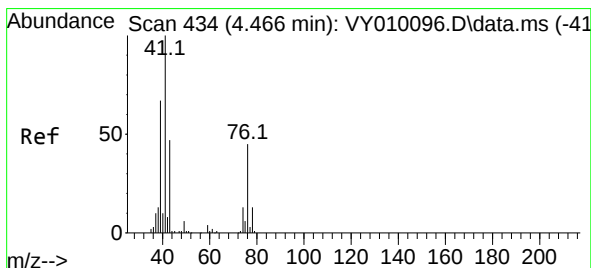
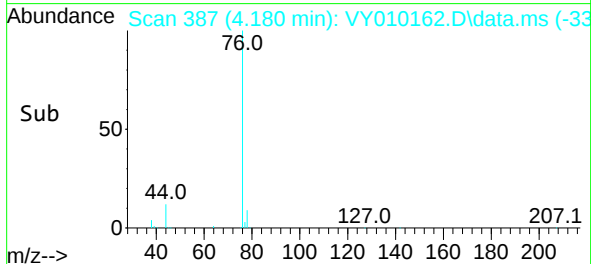
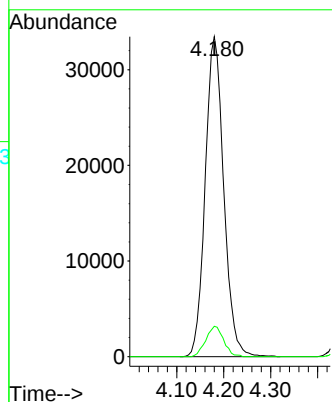
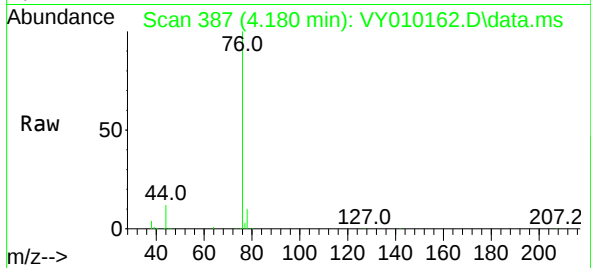




#17
Carbon Disulfide
Concen: 13.761 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

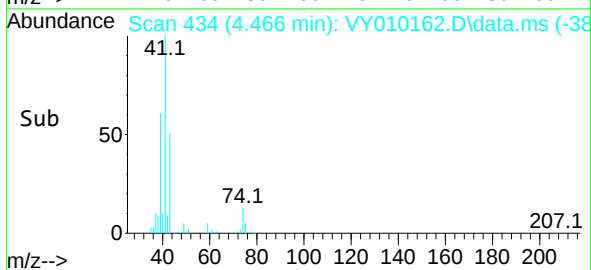
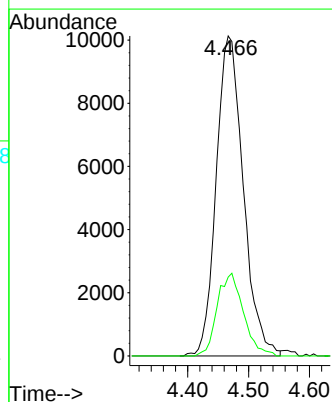
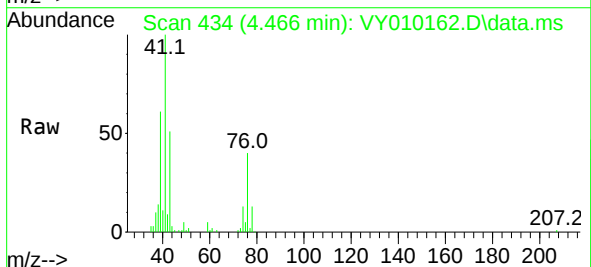
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

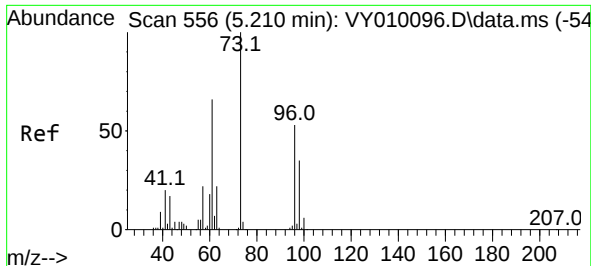
Tgt Ion: 76 Resp: 91518
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 21.870 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 43 Resp: 31226
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4

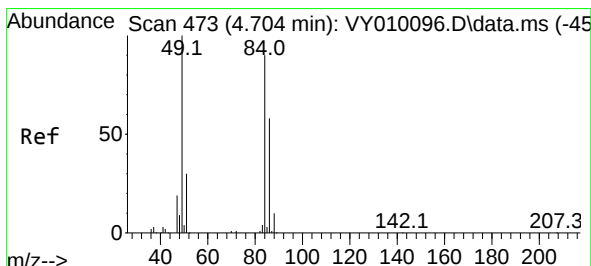
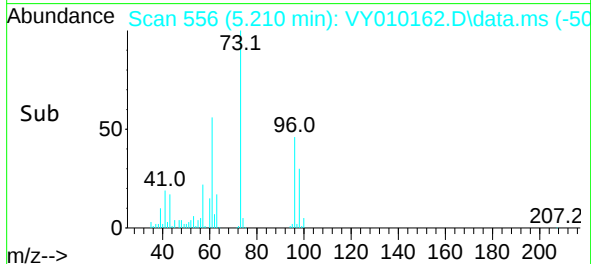
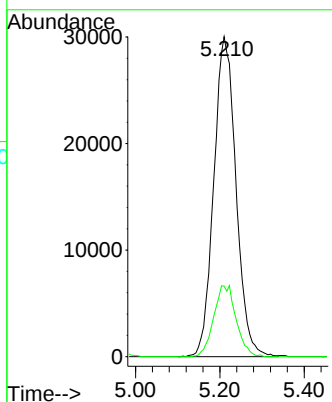
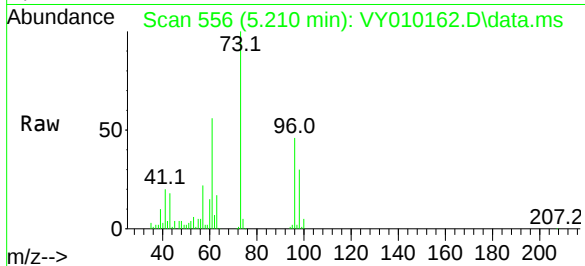




#19
Methyl tert-butyl Ether
Concen: 21.097 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

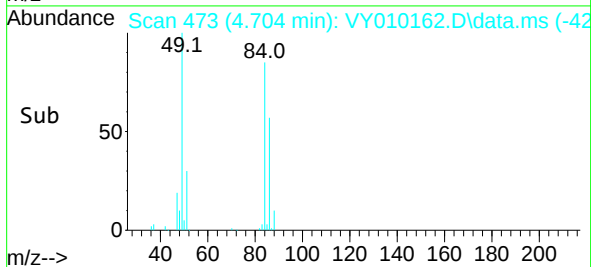
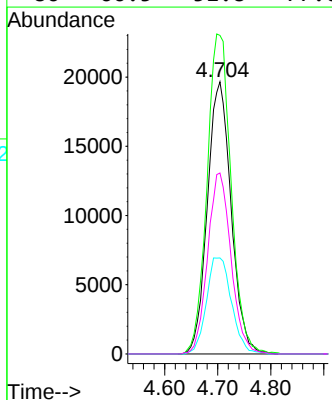
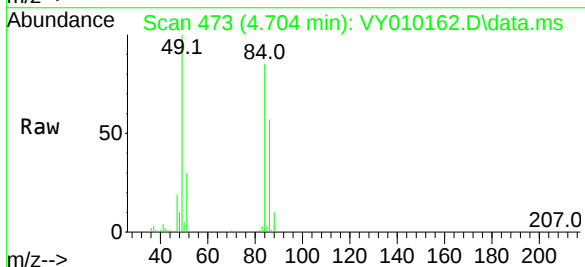
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

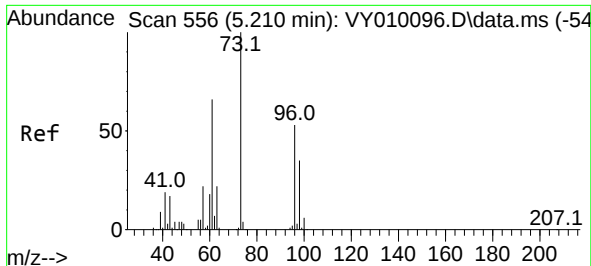
Tgt Ion: 73 Resp: 109550
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 17.894 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 84 Resp: 61227
Ion Ratio Lower Upper
84 100
49 117.0 89.0 133.4
51 35.3 27.0 40.6
86 66.5 51.8 77.6

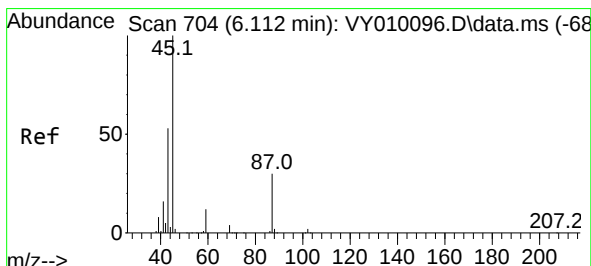
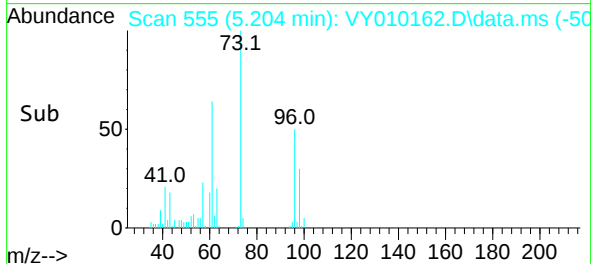
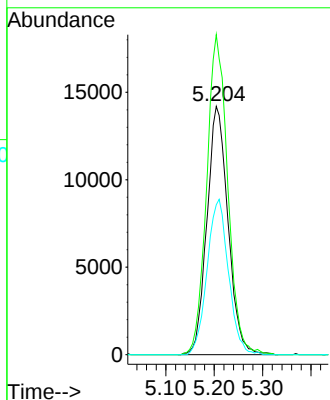
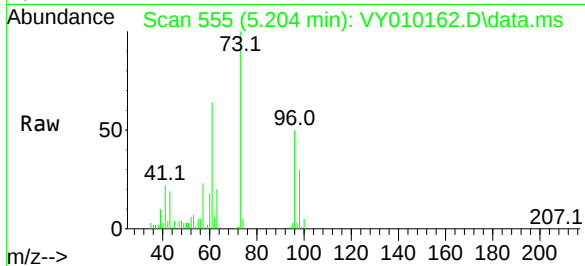




#21
trans-1,2-Dichloroethene
Concen: 18.153 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

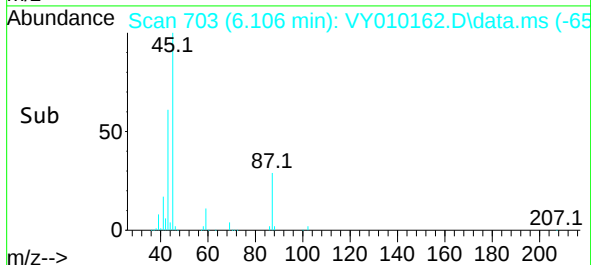
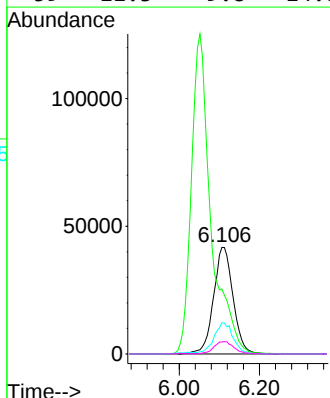
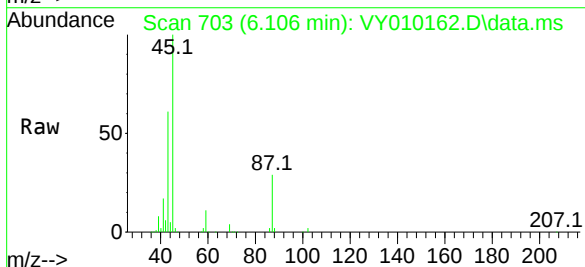
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

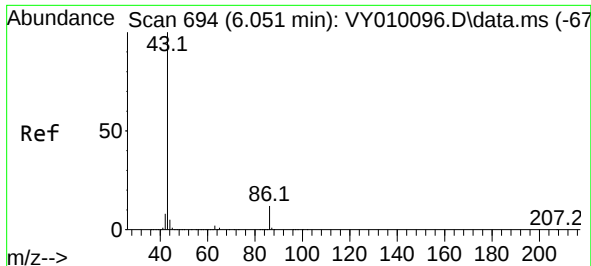
Tgt Ion: 96 Resp: 43133
Ion Ratio Lower Upper
96 100
61 128.8 100.3 150.5
98 60.4 52.6 78.8



#22
Diisopropyl ether
Concen: 21.697 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 45 Resp: 141255
Ion Ratio Lower Upper
45 100
43 60.8 42.4 63.6
87 29.2 24.1 36.1
59 11.3 9.8 14.8

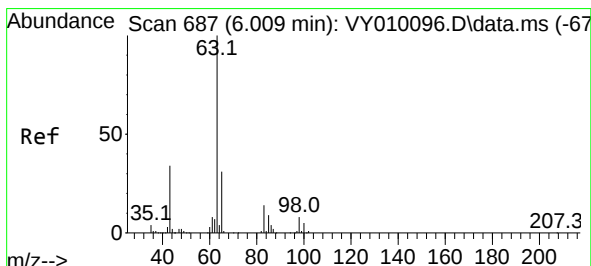
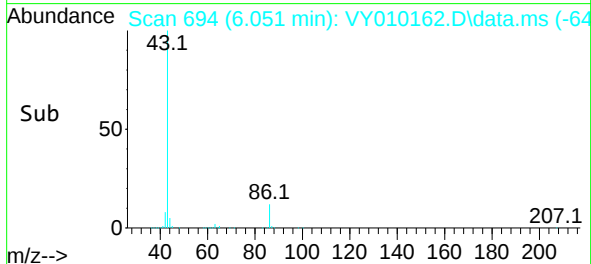
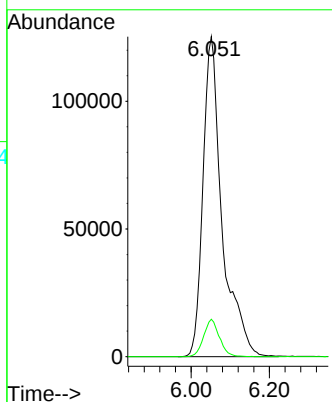
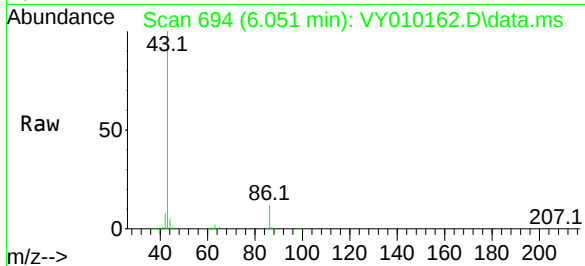




#23
 Vinyl Acetate
 Concen: 107.444 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY010162.D
 Acq: 23 Aug 2022 14:00

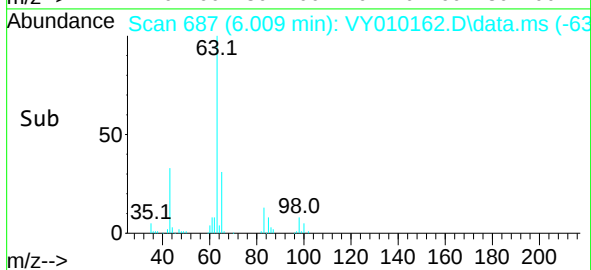
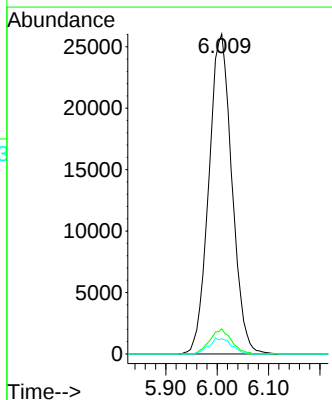
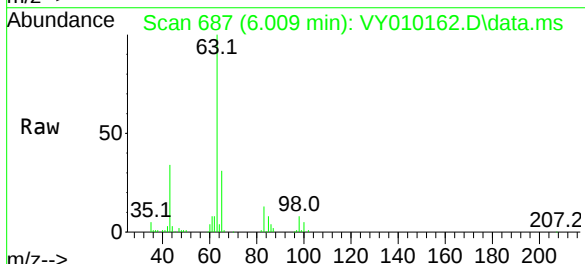
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

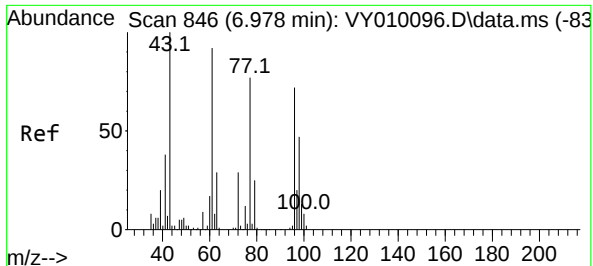
Tgt Ion: 43 Resp: 424498
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 20.681 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010162.D
 Acq: 23 Aug 2022 14:00

Tgt Ion: 63 Resp: 81136
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.7 2.5 7.4

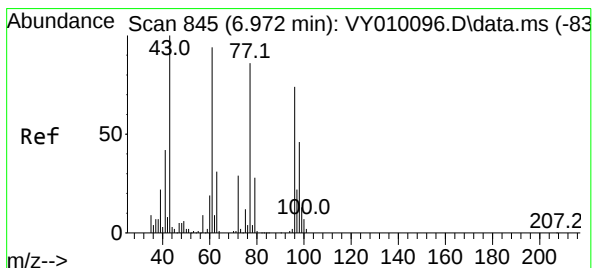
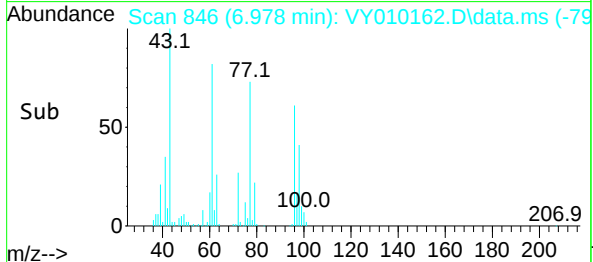
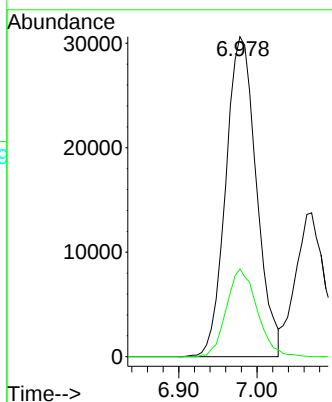
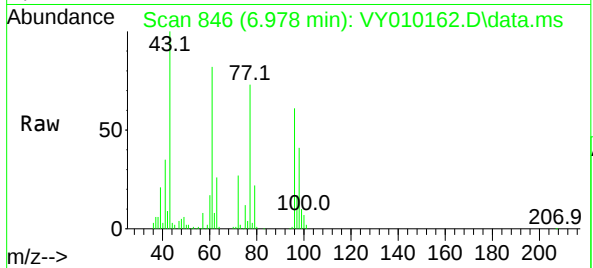




#25
2-Butanone
Concen: 111.074 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

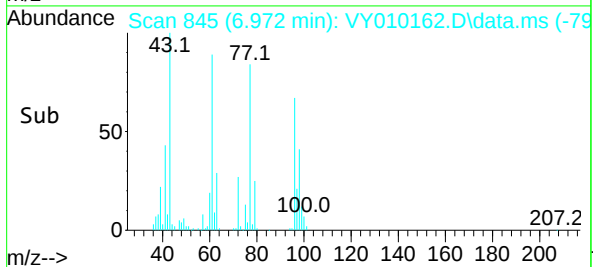
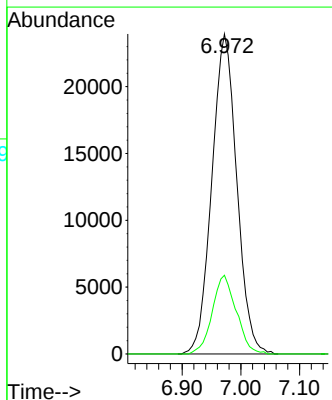
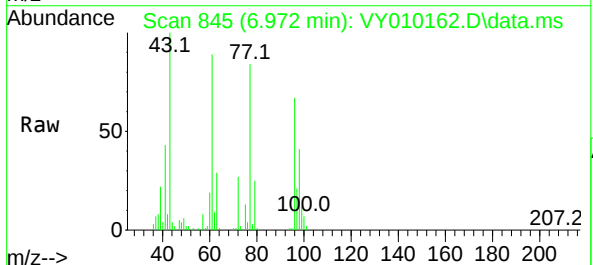
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

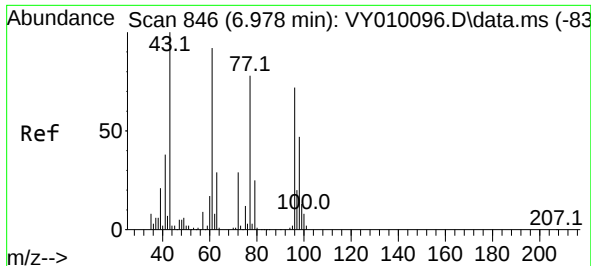
Tgt Ion: 43 Resp: 83263
Ion Ratio Lower Upper
43 100
72 27.4 23.2 34.8



#26
2,2-Dichloropropane
Concen: 20.105 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 77 Resp: 70581
Ion Ratio Lower Upper
77 100
97 23.7 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.395 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

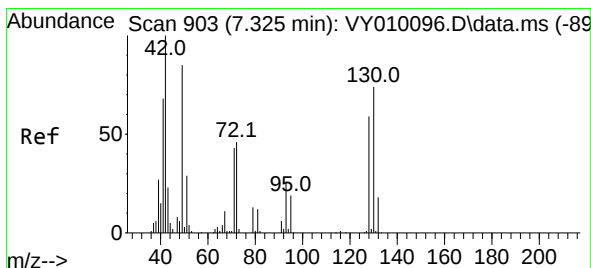
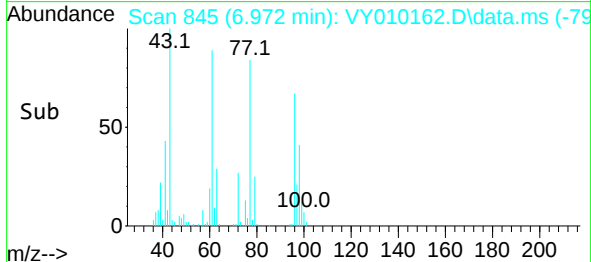
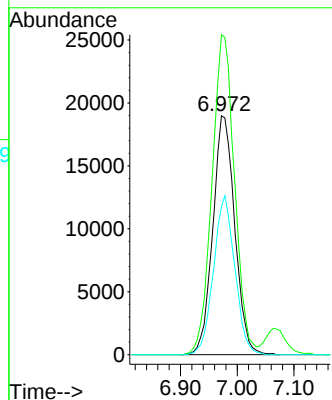
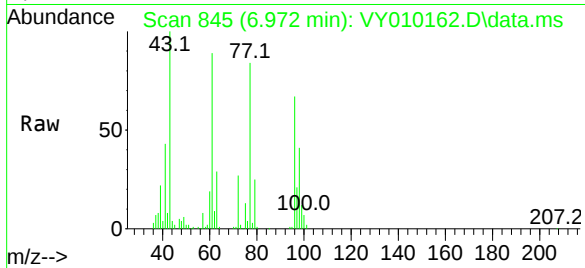
Tgt Ion: 96 Resp: 50986

Ion Ratio Lower Upper

96 100

61 137.6 0.0 258.8

98 64.7 0.0 128.6



#28

Bromochloromethane

Concen: 19.433 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.005 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

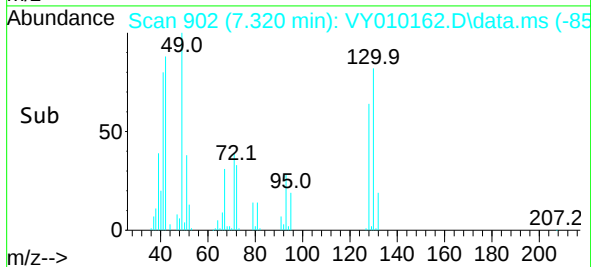
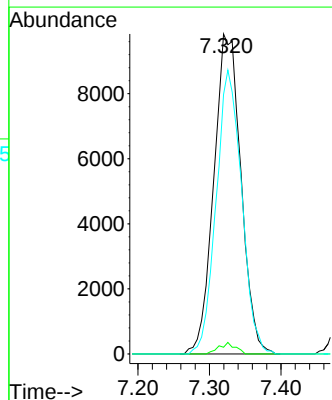
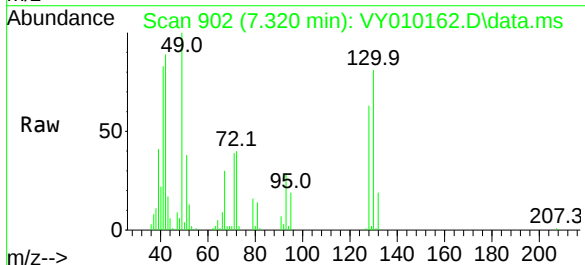
Tgt Ion: 49 Resp: 25907

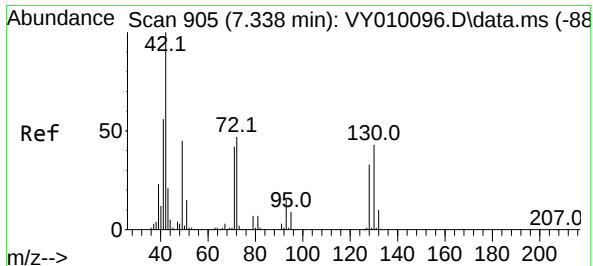
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 83.4 70.4 105.6





#29

Tetrahydrofuran

Concen: 109.825 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

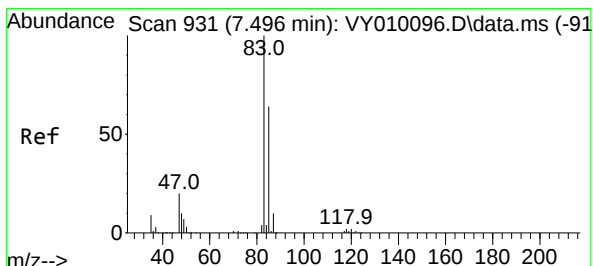
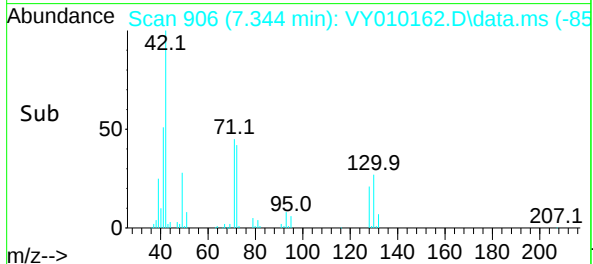
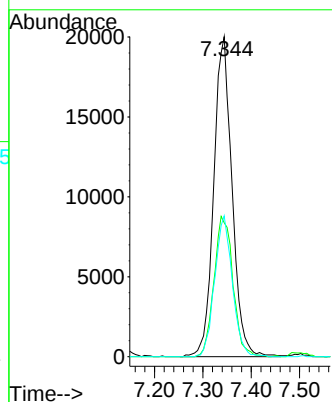
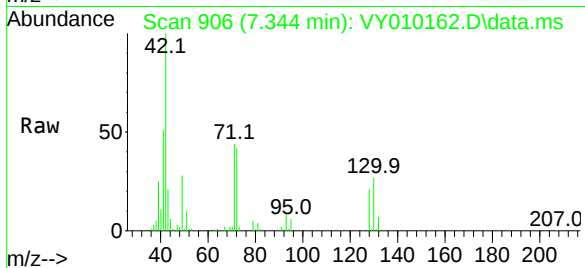
Tgt Ion: 42 Resp: 52648

Ion Ratio Lower Upper

42 100

72 45.4 37.4 56.0

71 42.4 34.9 52.3



#30

Chloroform

Concen: 20.634 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010162.D

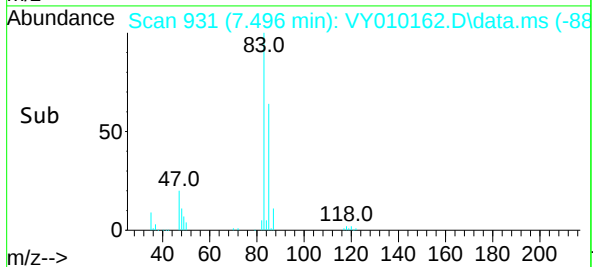
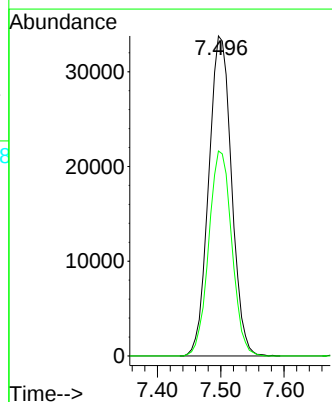
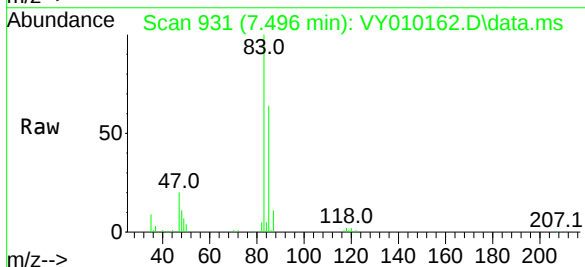
Acq: 23 Aug 2022 14:00

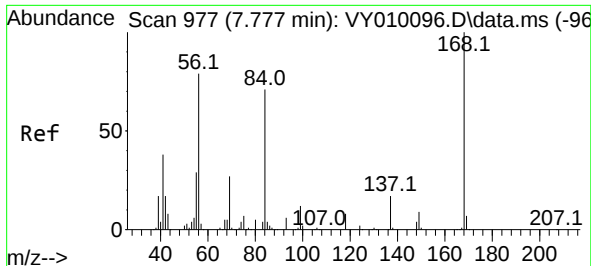
Tgt Ion: 83 Resp: 84654

Ion Ratio Lower Upper

83 100

85 64.1 50.8 76.2

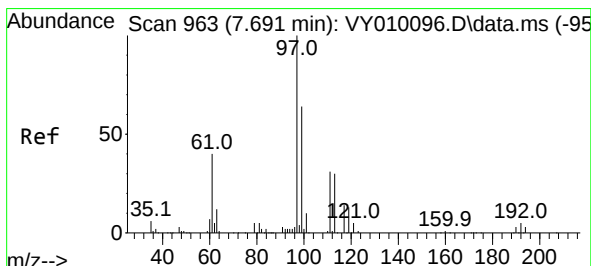
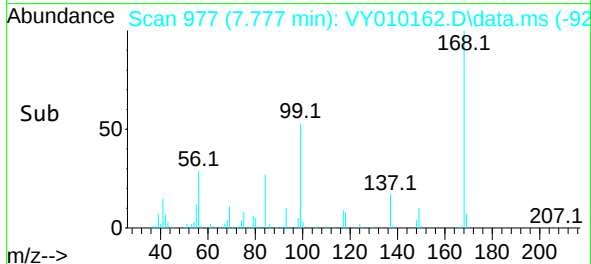
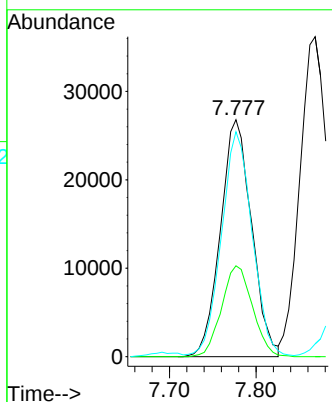
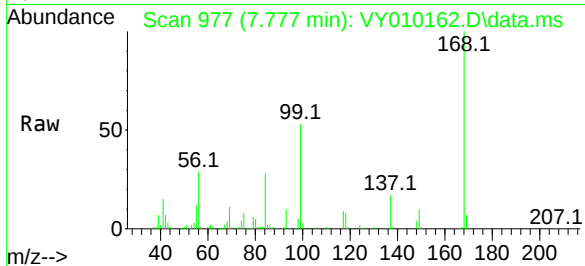




#31
Cyclohexane
Concen: 17.578 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

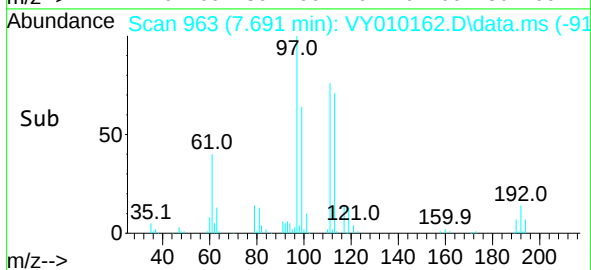
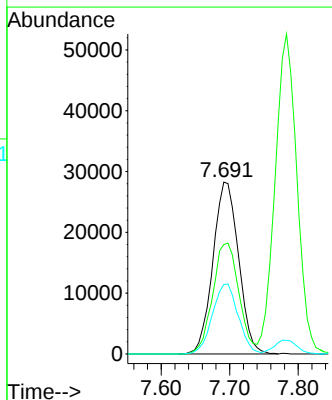
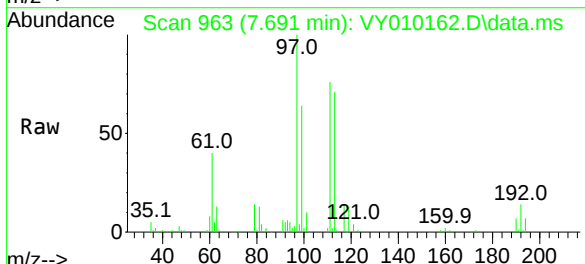
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

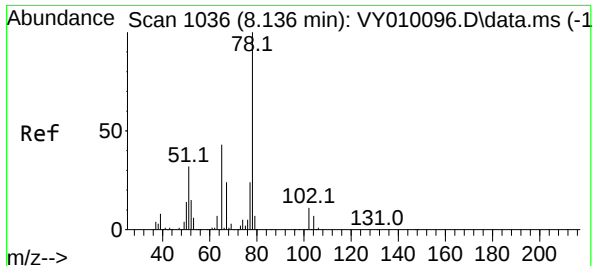
Tgt Ion: 56 Resp: 67056
Ion Ratio Lower Upper
56 100
69 38.3 27.3 40.9
84 93.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.536 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 97 Resp: 73449
Ion Ratio Lower Upper
97 100
99 66.1 51.7 77.5
61 41.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 49.775 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

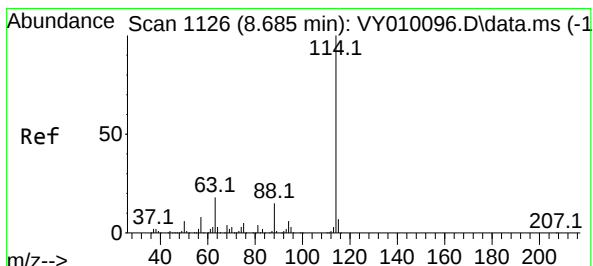
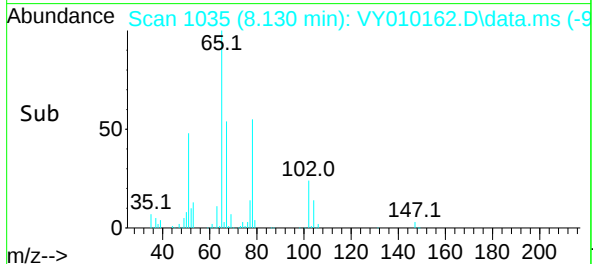
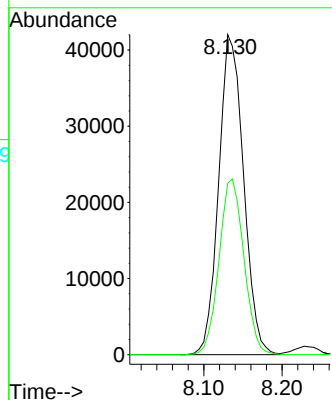
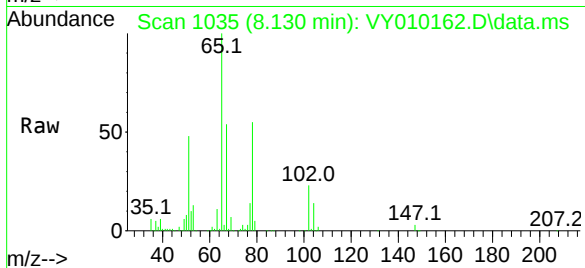
VY0823SBS01

Tgt Ion: 65 Resp: 92679

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

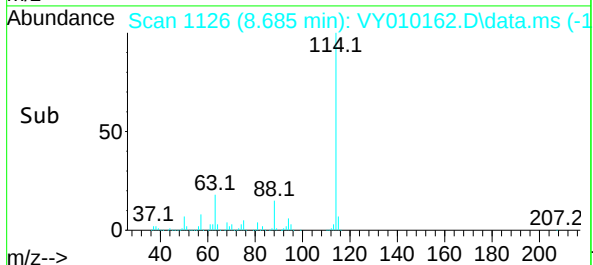
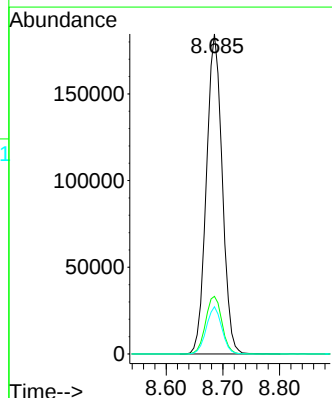
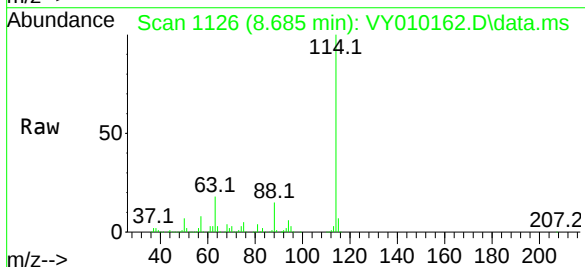
Tgt Ion: 114 Resp: 357526

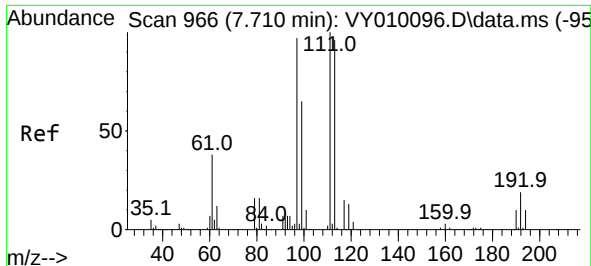
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 14.7 0.0 29.6

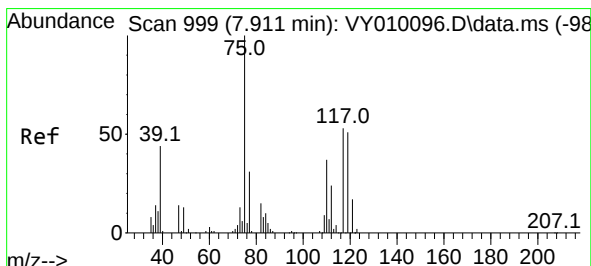
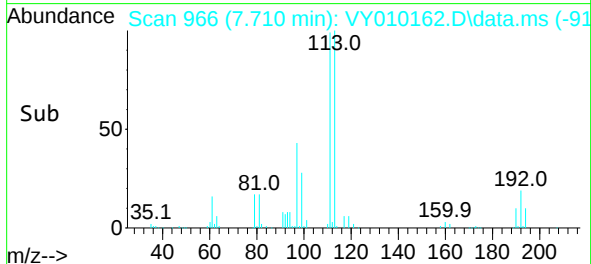
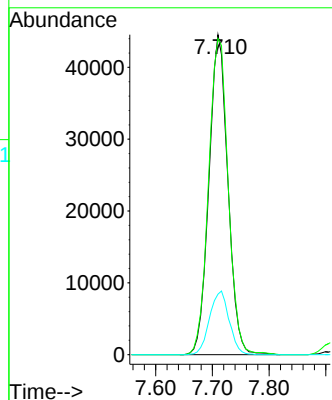
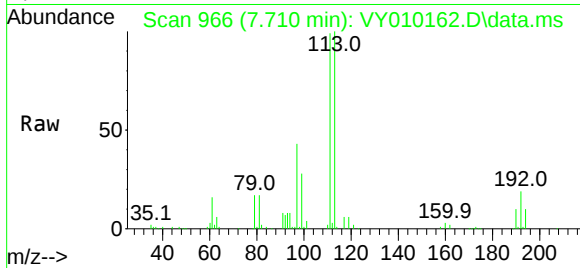




#35
Dibromofluoromethane
Concen: 51.321 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

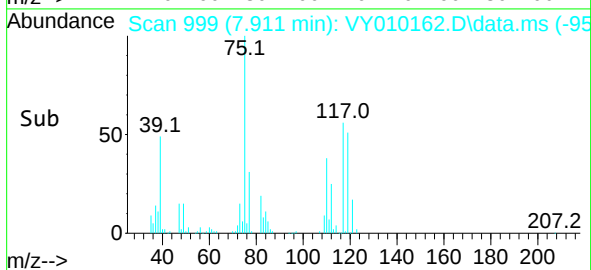
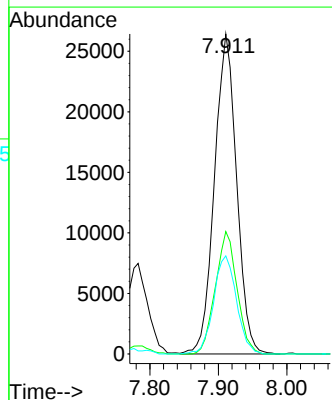
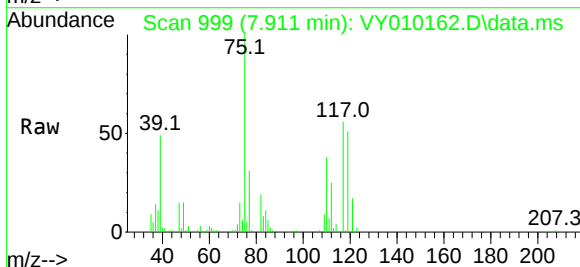
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

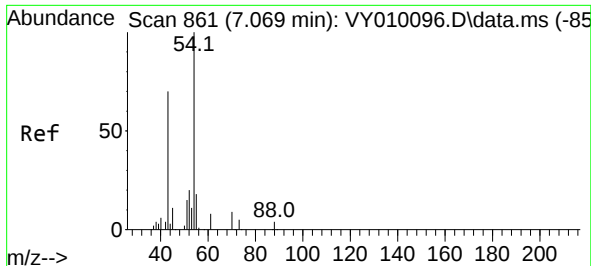
Tgt Ion:113 Resp: 103391
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 20.6 16.3 24.5



#36
1,1-Dichloropropene
Concen: 18.425 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 75 Resp: 59248
Ion Ratio Lower Upper
75 100
110 37.3 18.6 56.0
77 31.8 24.9 37.3





#37

Ethyl Acetate

Concen: 22.163 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

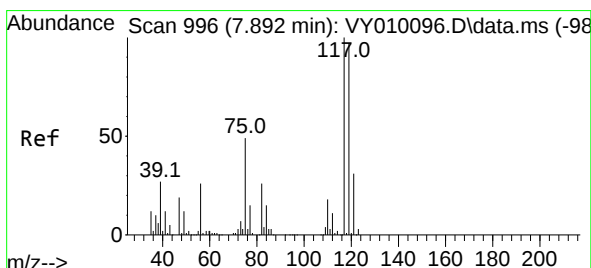
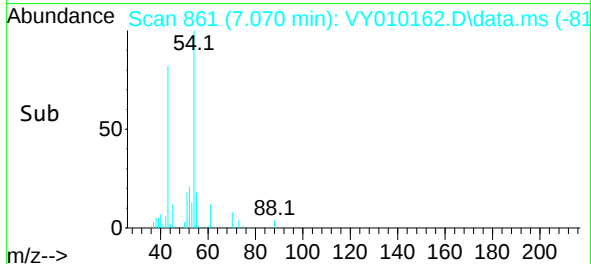
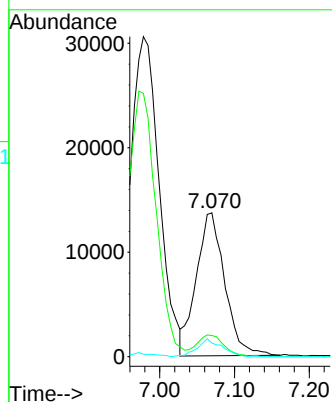
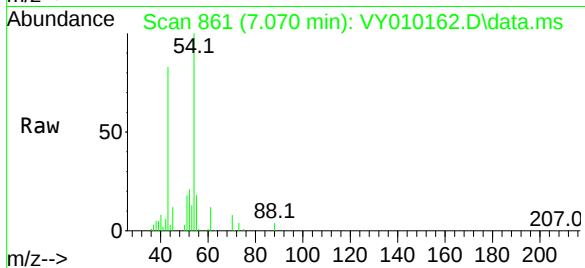
Tgt Ion: 43 Resp: 36183

Ion Ratio Lower Upper

43 100

61 14.9 11.7 17.5

70 10.6 9.0 13.4



#38

Carbon Tetrachloride

Concen: 19.561 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

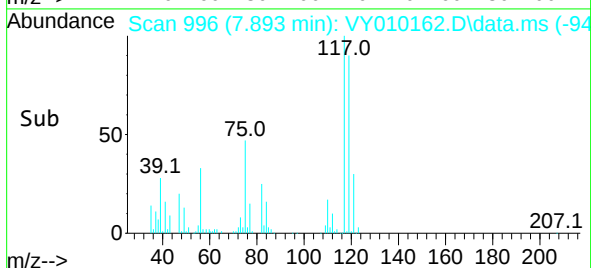
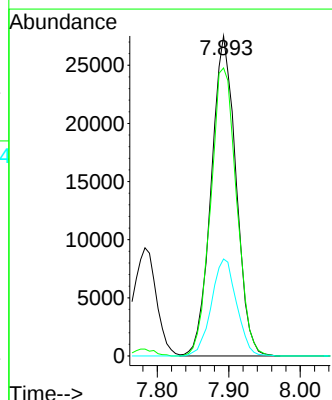
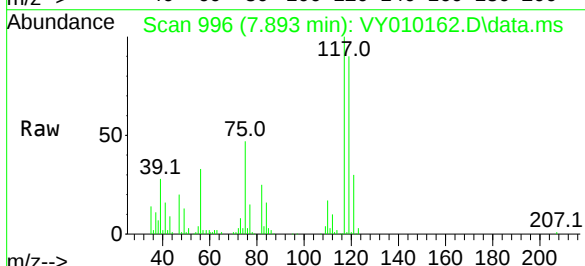
Tgt Ion: 117 Resp: 65969

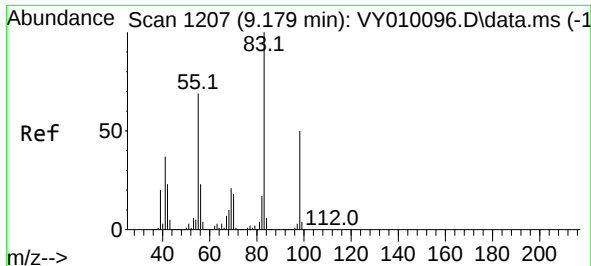
Ion Ratio Lower Upper

117 100

119 90.0 77.1 115.7

121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 17.348 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBSD01

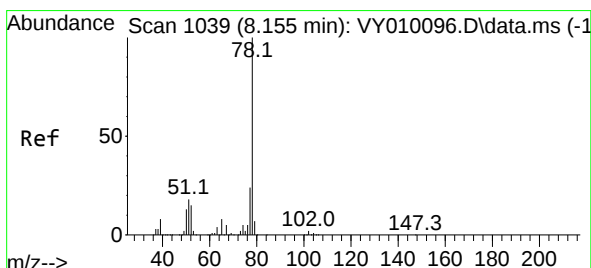
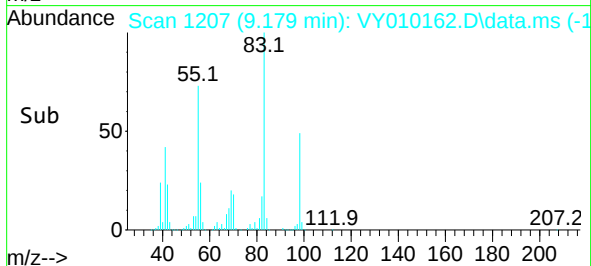
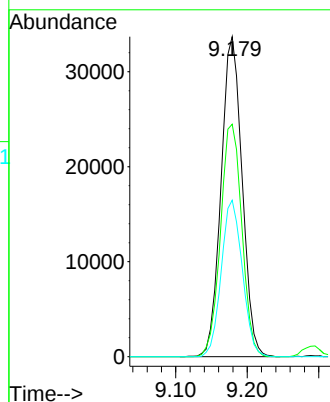
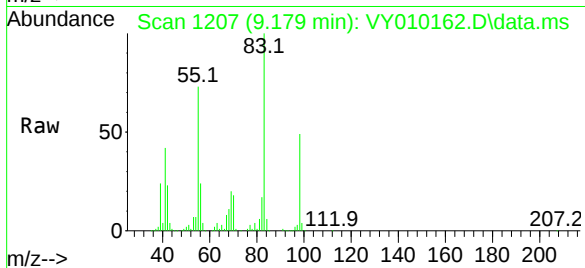
Tgt Ion: 83 Resp: 68792

Ion Ratio Lower Upper

83 100

55 72.6 55.6 83.4

98 48.9 39.8 59.8



#40

Benzene

Concen: 19.216 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010162.D

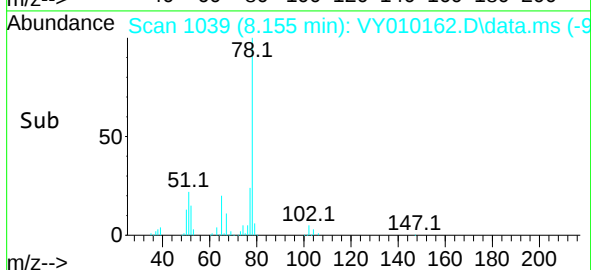
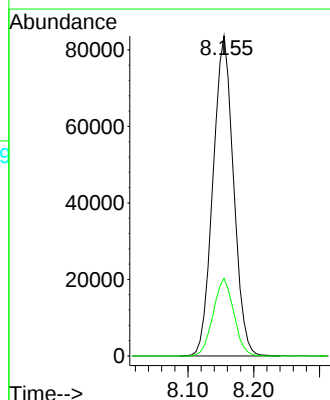
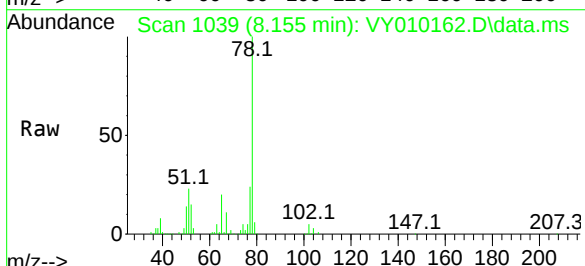
Acq: 23 Aug 2022 14:00

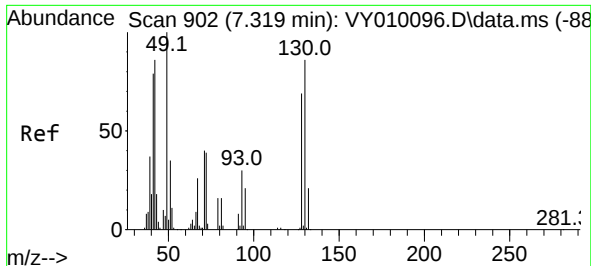
Tgt Ion: 78 Resp: 181759

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

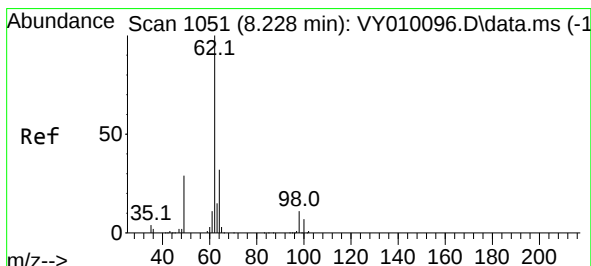
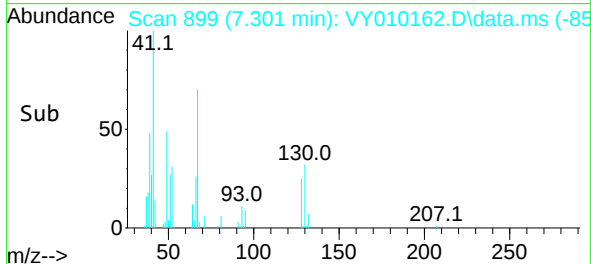
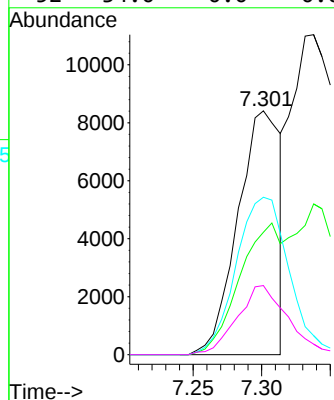
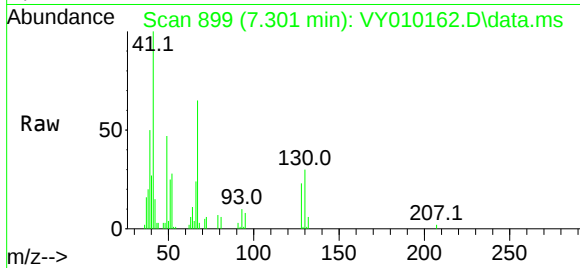




#41
Methacrylonitrile
Concen: 19.365 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.018 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

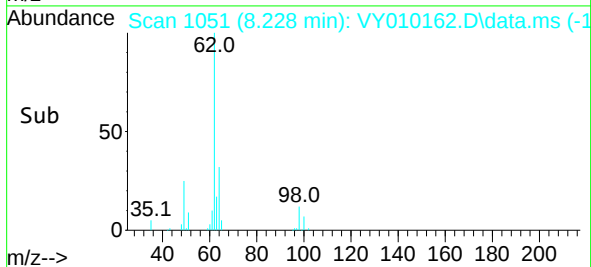
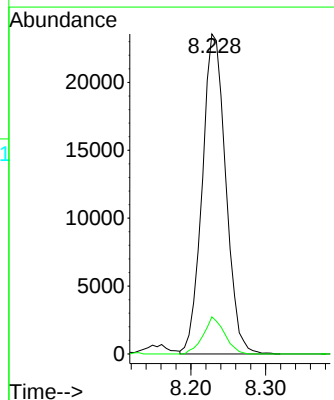
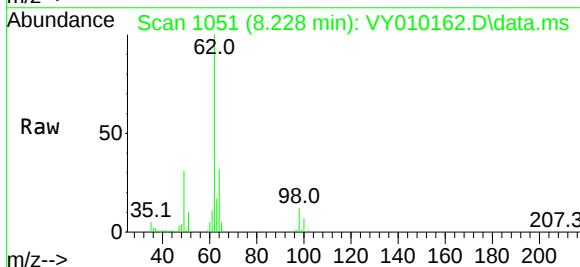
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

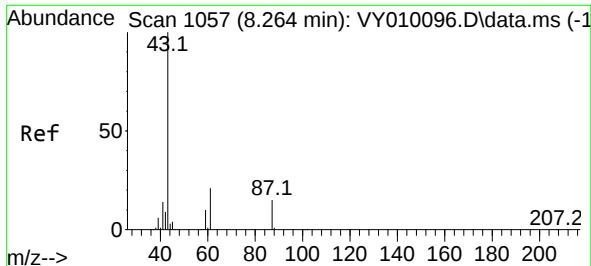
Tgt Ion: 41 Resp: 18123
Ion Ratio Lower Upper
41 100
39 52.3 0.0 0.0#
67 80.7 0.0 0.0#
52 34.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 21.235 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 62 Resp: 51513
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0

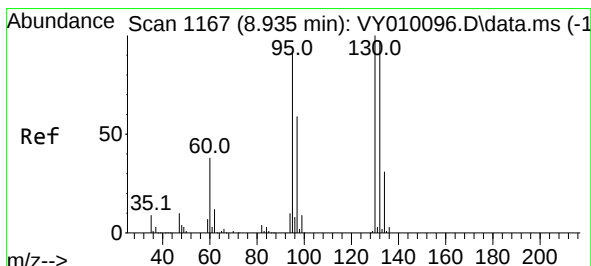
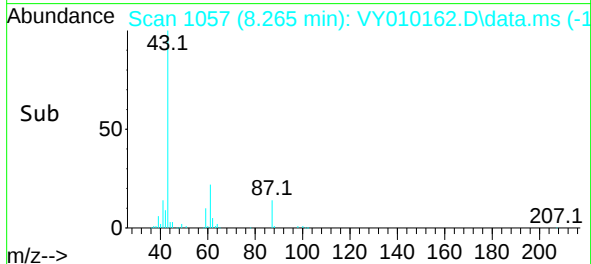
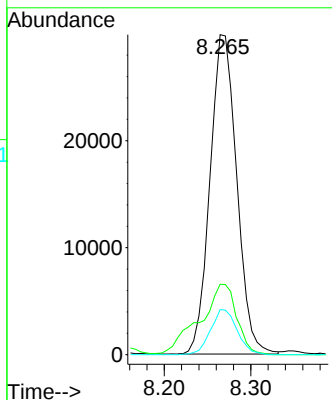
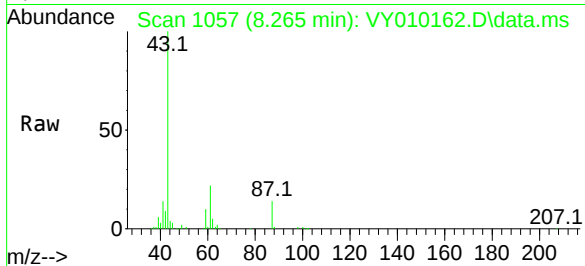




#43
Isopropyl Acetate
Concen: 21.771 ug/l
RT: 8.265 min Scan# 11057
Delta R.T. 0.001 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

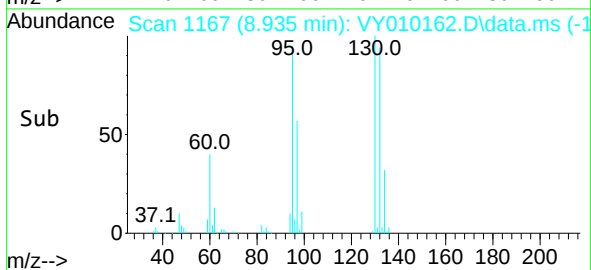
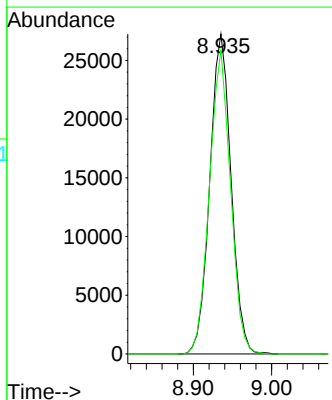
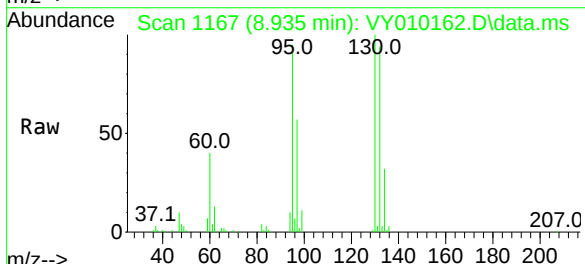
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

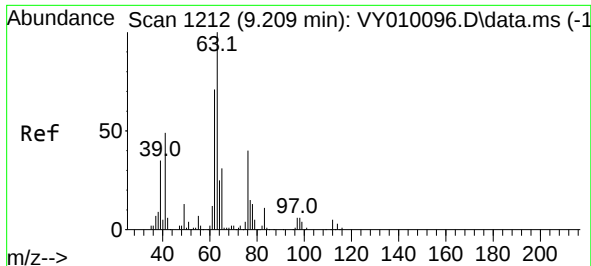
Tgt Ion: 43 Resp: 64167
Ion Ratio Lower Upper
43 100
61 30.7 25.0 37.4
87 14.0 11.9 17.9



#44
Trichloroethene
Concen: 18.976 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 130 Resp: 51448
Ion Ratio Lower Upper
130 100
95 94.9 0.0 183.8





#45

1,2-Dichloropropane

Concen: 20.471 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

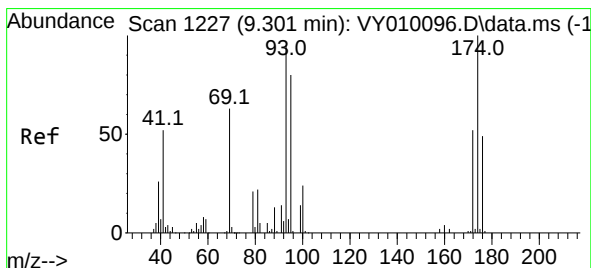
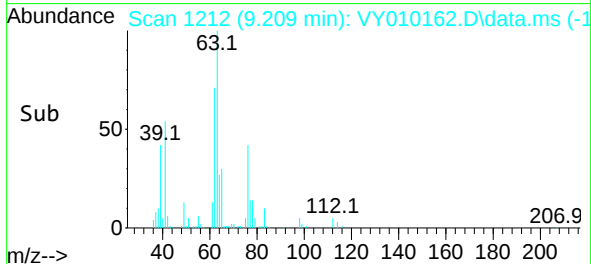
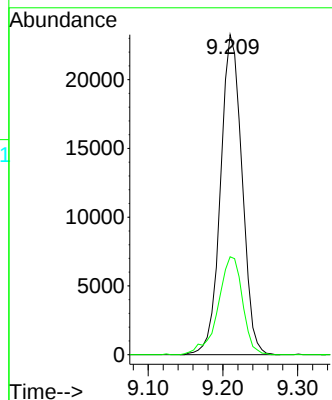
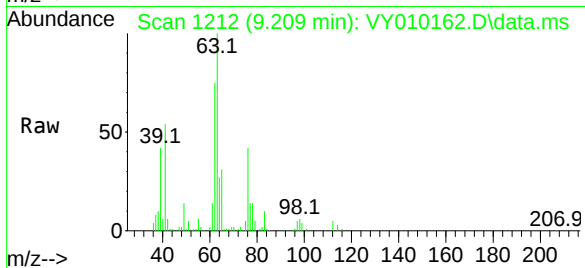
VY0823SBS01

Tgt Ion: 63 Resp: 46598

Ion Ratio Lower Upper

63 100

65 30.6 24.8 37.2



#46

Dibromomethane

Concen: 19.892 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

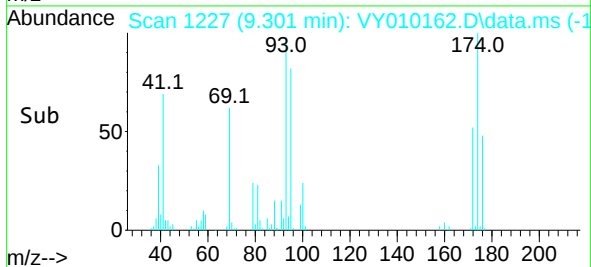
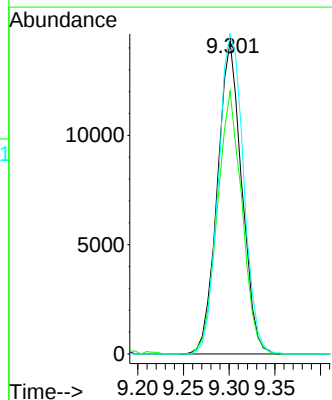
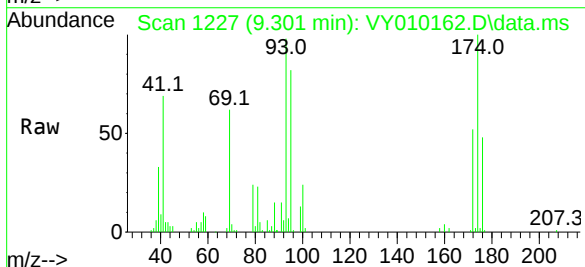
Tgt Ion: 93 Resp: 26491

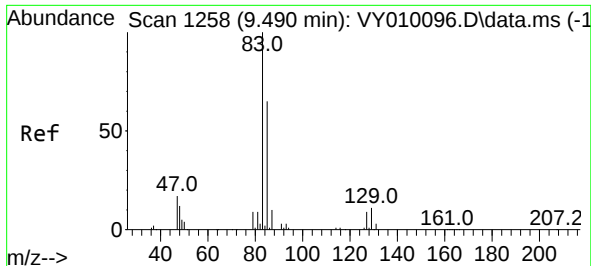
Ion Ratio Lower Upper

93 100

95 84.6 66.9 100.3

174 106.3 84.3 126.5

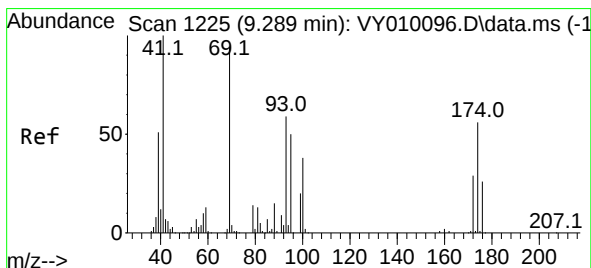
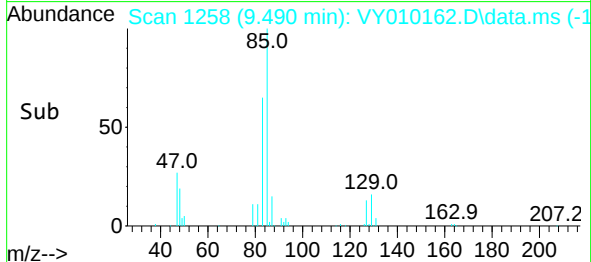
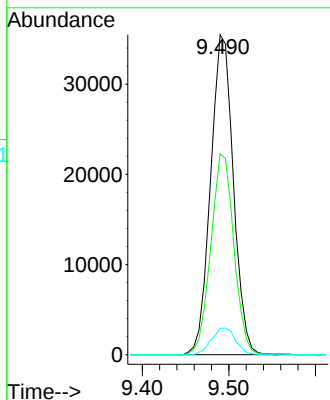
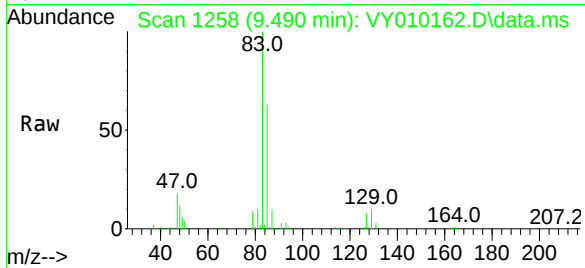




#47
Bromodichloromethane
Concen: 20.874 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

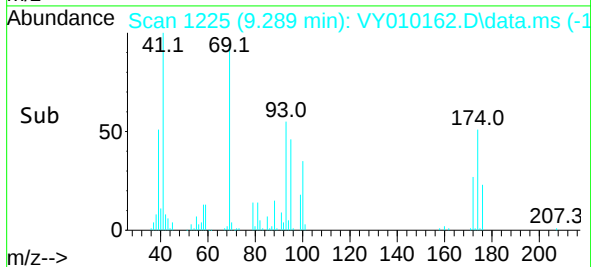
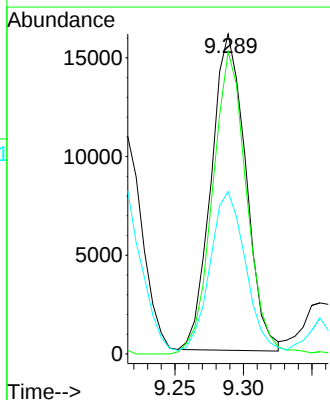
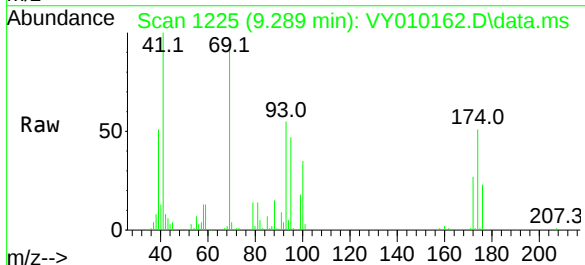
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

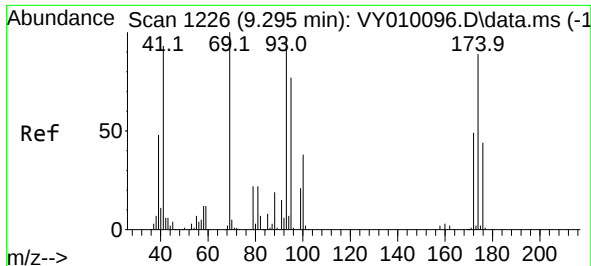
Tgt Ion: 83 Resp: 64699
Ion Ratio Lower Upper
83 100
85 62.7 52.0 78.0
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 21.331 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 41 Resp: 28129
Ion Ratio Lower Upper
41 100
69 94.3 75.1 112.7
39 53.5 39.4 59.2





#49

1,4-Dioxane

Concen: 421.982 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBSD01

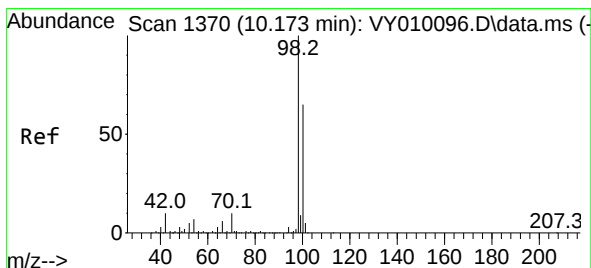
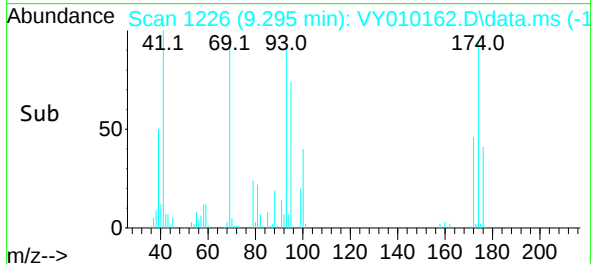
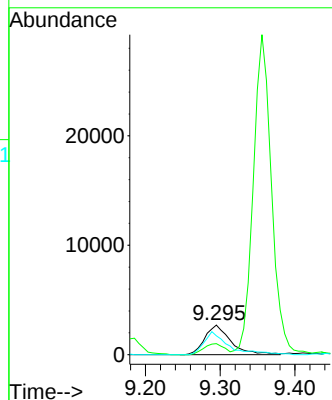
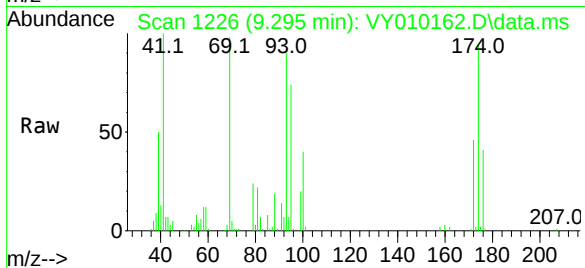
Tgt Ion: 88 Resp: 6509

Ion Ratio Lower Upper

88 100

43 29.7 23.0 34.4

58 74.0 49.0 73.4#



#50

Toluene-d8

Concen: 46.224 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010162.D

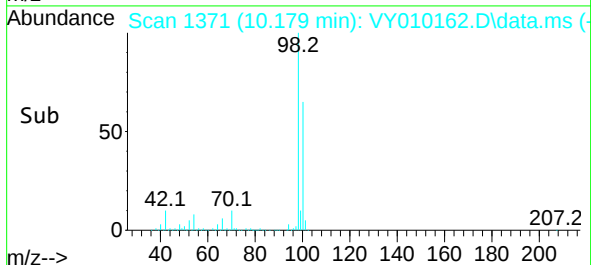
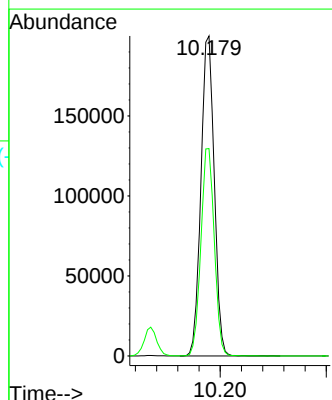
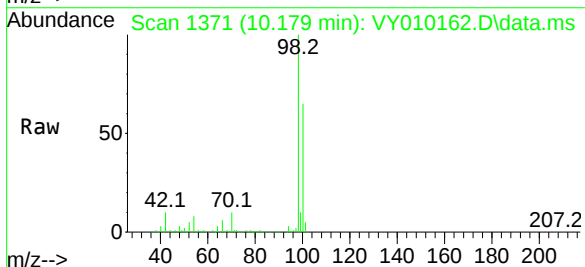
Acq: 23 Aug 2022 14:00

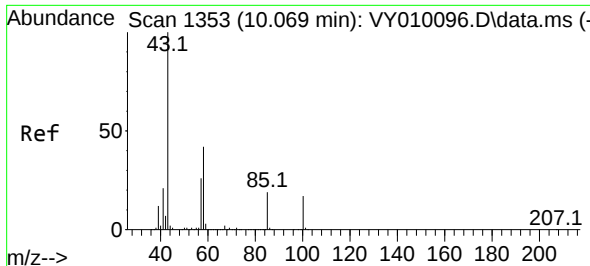
Tgt Ion: 98 Resp: 348938

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

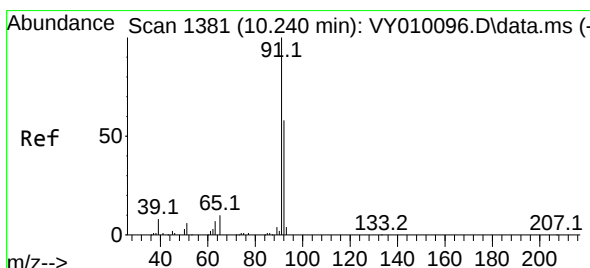
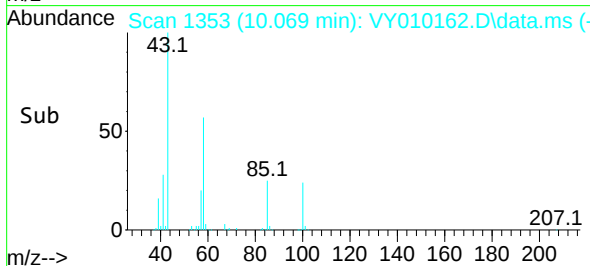
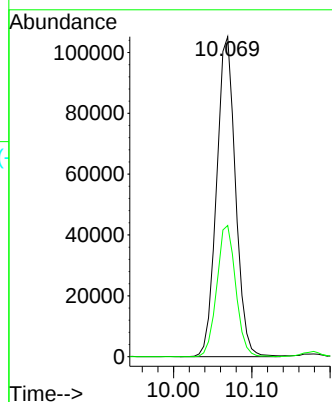
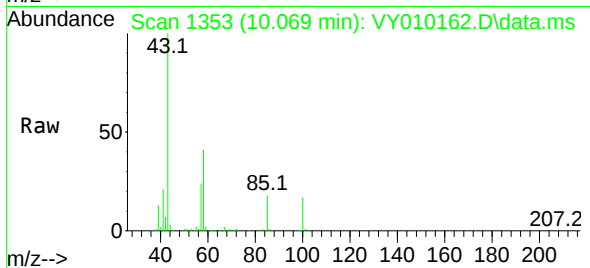




#51
4-Methyl-2-Pentanone
Concen: 110.849 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

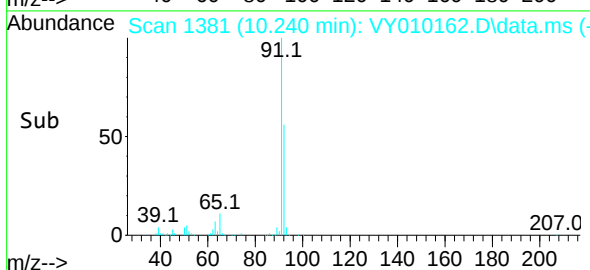
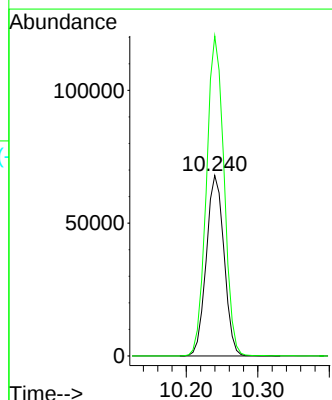
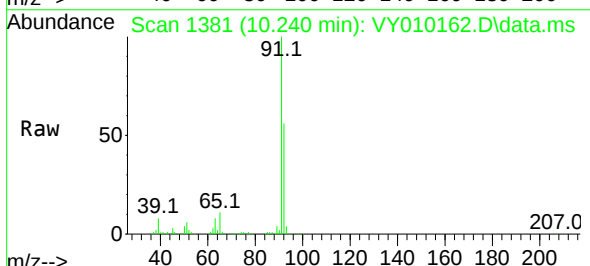
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

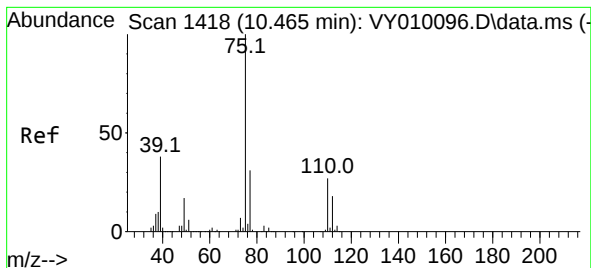
Tgt Ion: 43 Resp: 176761
Ion Ratio Lower Upper
43 100
58 40.9 33.3 49.9



#52
Toluene
Concen: 19.523 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 92 Resp: 117075
Ion Ratio Lower Upper
92 100
91 175.7 139.8 209.6

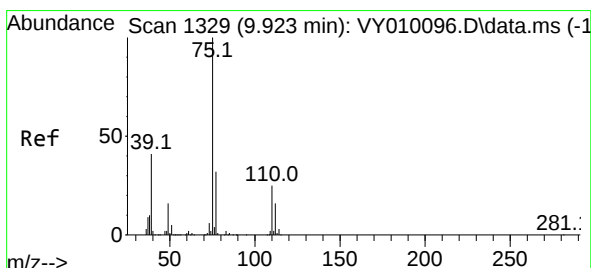
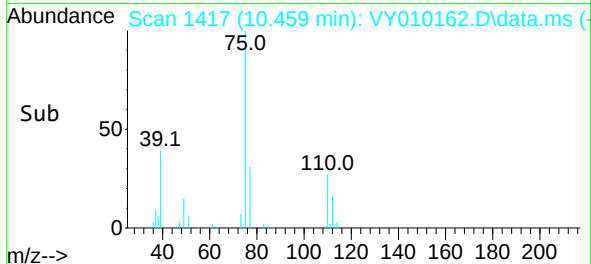
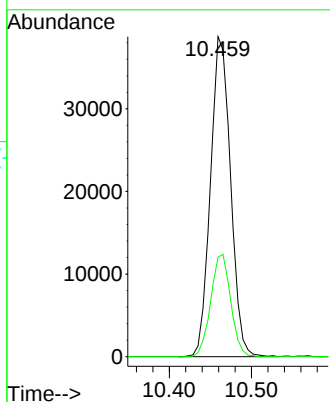
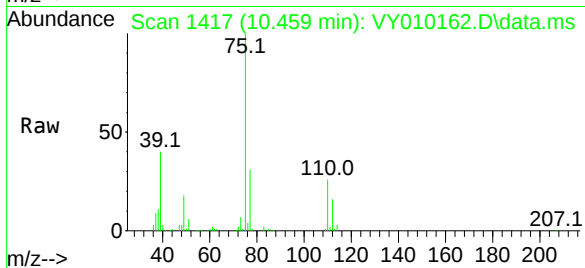




#53
 t-1,3-Dichloropropene
 Concen: 20.770 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY010162.D
 Acq: 23 Aug 2022 14:00

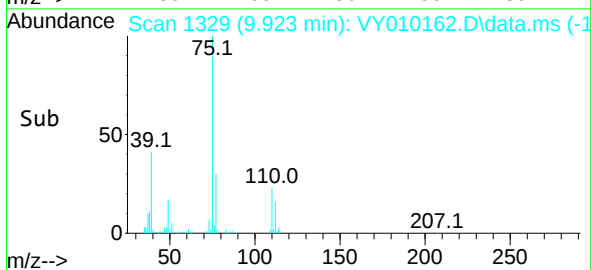
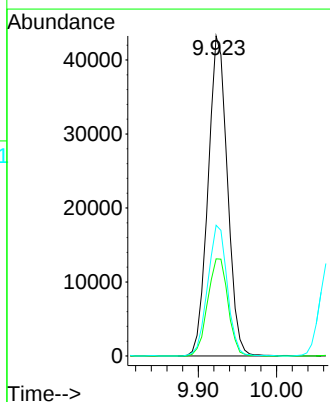
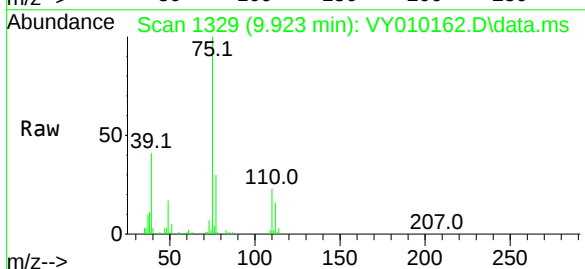
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

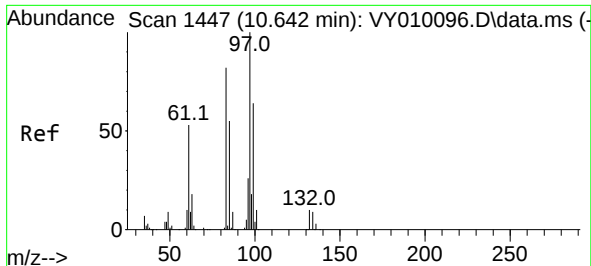
Tgt Ion: 75 Resp: 65791
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.041 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY010162.D
 Acq: 23 Aug 2022 14:00

Tgt Ion: 75 Resp: 74053
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.7 38.5
 39 40.9 32.6 48.8

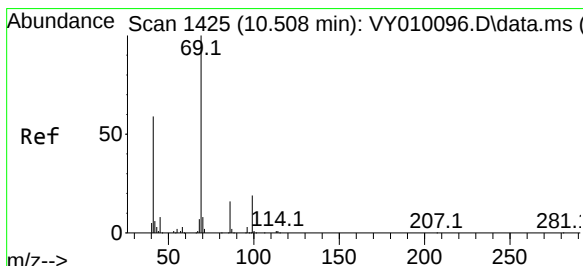
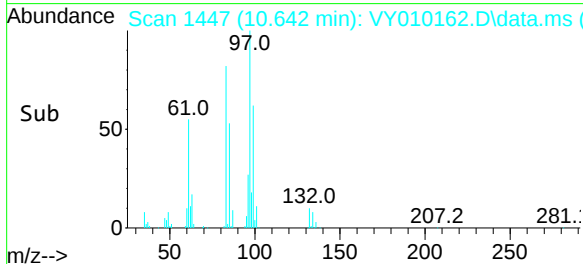
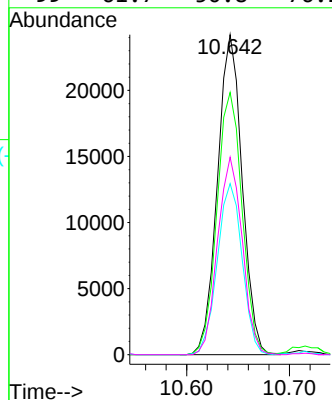
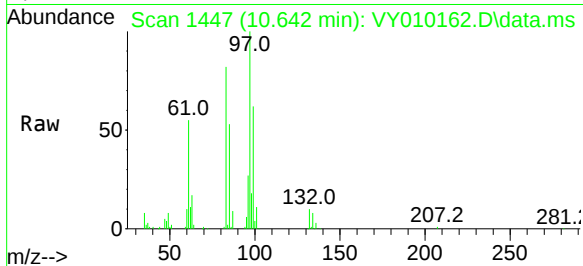




#55
1,1,2-Trichloroethane
Concen: 21.073 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

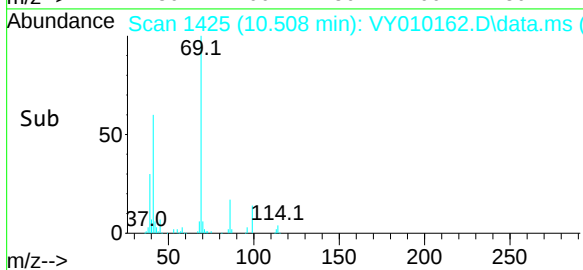
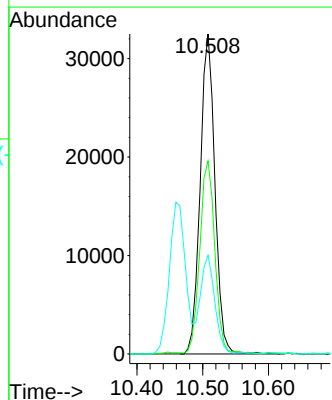
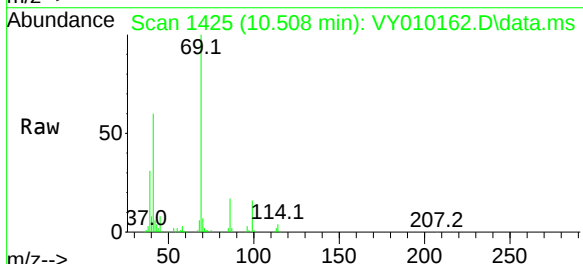
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

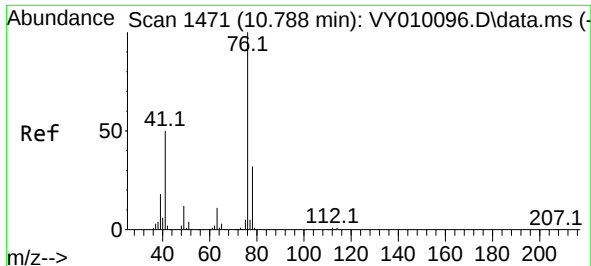
Tgt Ion: 97	Resp: 40414
Ion Ratio	Lower Upper
97 100	
83 82.0	65.4 98.0
85 53.5	44.0 66.0
99 61.7	50.8 76.2



#56
Ethyl methacrylate
Concen: 20.889 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 69	Resp: 50526
Ion Ratio	Lower Upper
69 100	
41 61.1	47.3 70.9
39 30.5	23.1 34.7





#57

1,3-Dichloropropane

Concen: 20.543 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

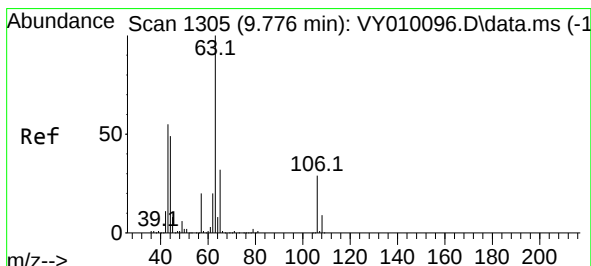
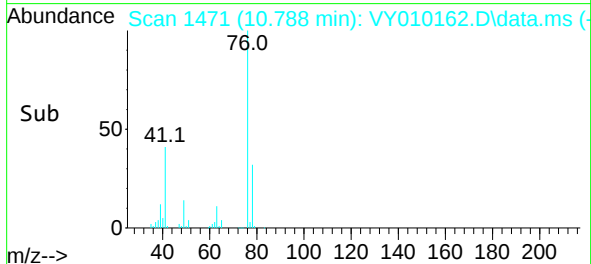
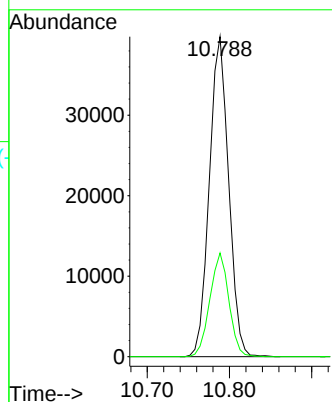
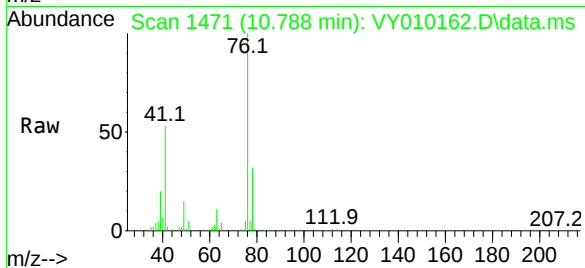
VY0823SBSD01

Tgt Ion: 76 Resp: 64946

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 121.380 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY010162.D

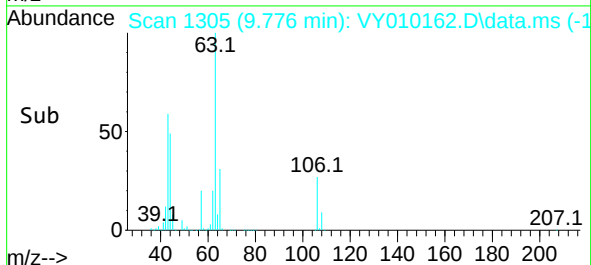
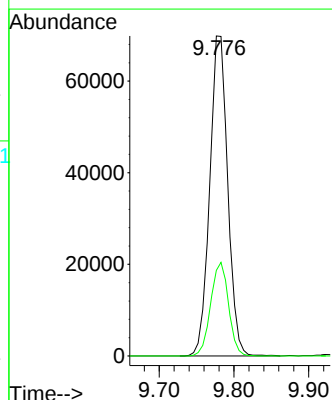
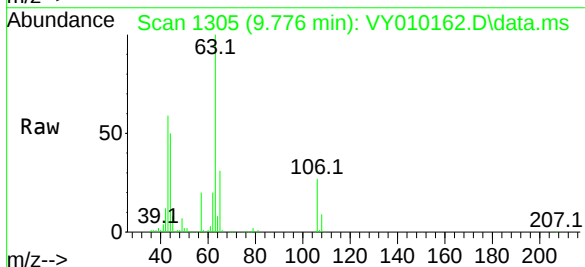
Acq: 23 Aug 2022 14:00

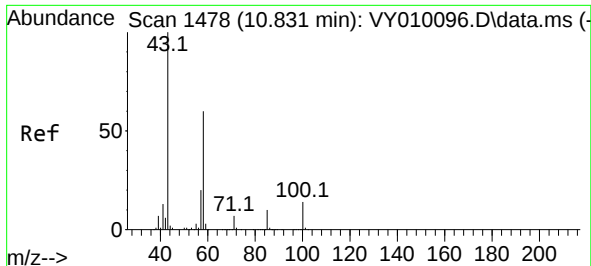
Tgt Ion: 63 Resp: 117105

Ion Ratio Lower Upper

63 100

106 28.9 23.8 35.8

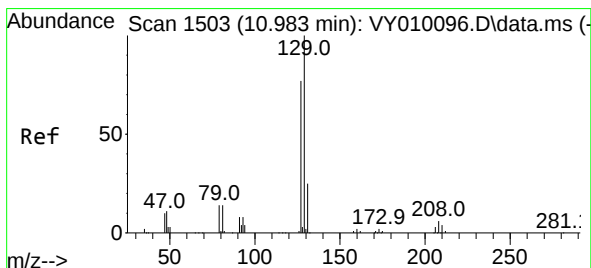
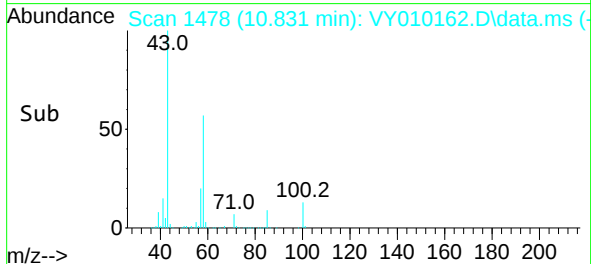
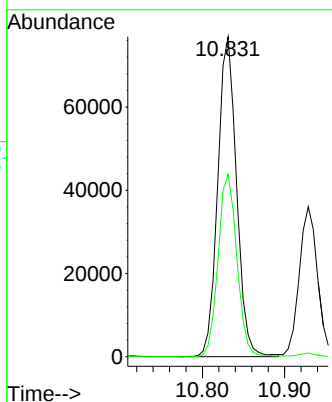
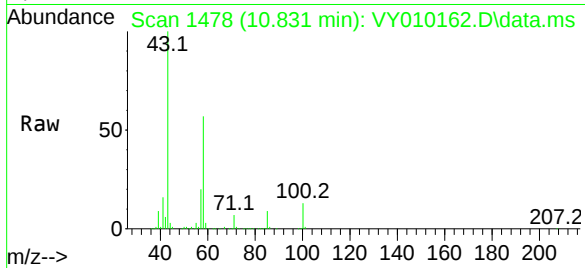




#59
2-Hexanone
Concen: 111.713 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

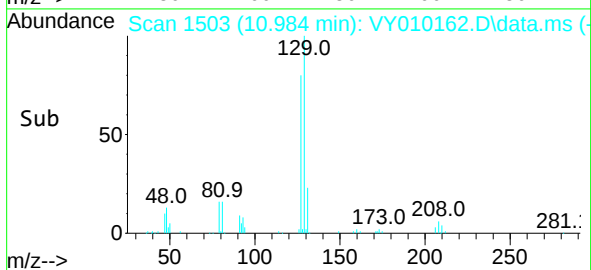
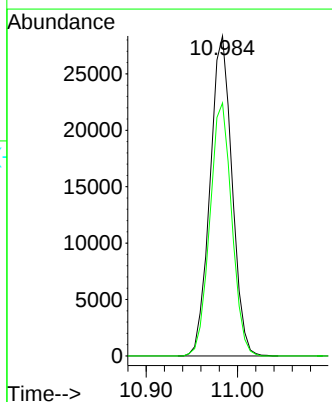
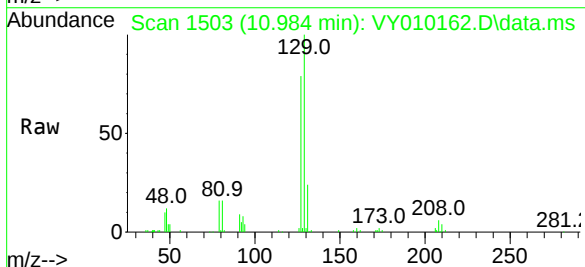
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

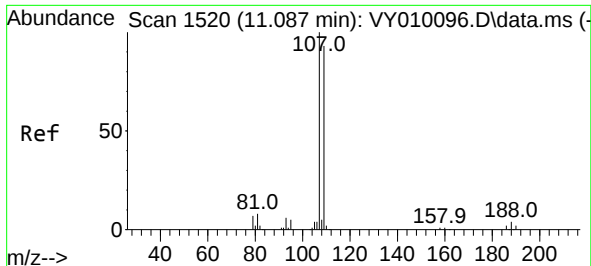
Tgt Ion: 43 Resp: 122147
Ion Ratio Lower Upper
43 100
58 56.9 29.3 88.0



#60
Dibromochloromethane
Concen: 20.305 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 129 Resp: 47459
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8

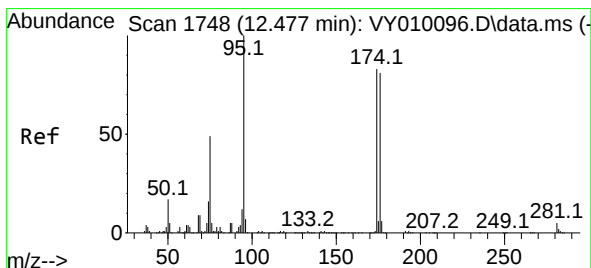
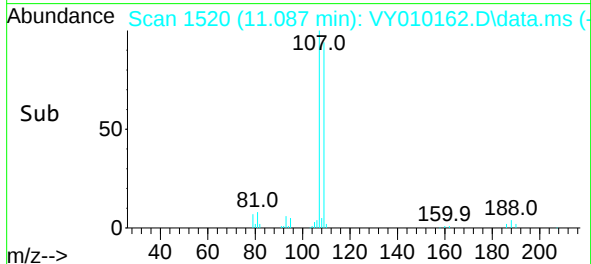
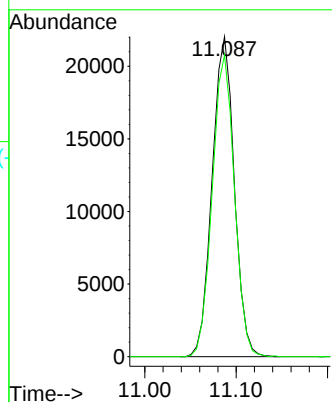
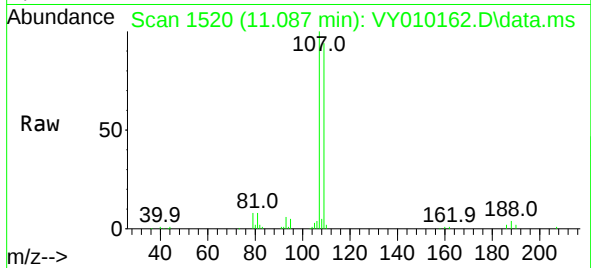




#61
1,2-Dibromoethane
Concen: 19.847 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

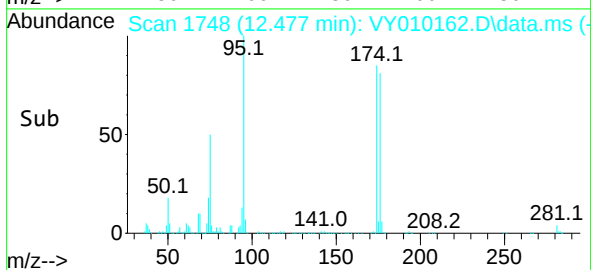
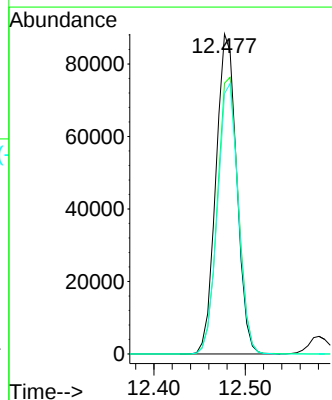
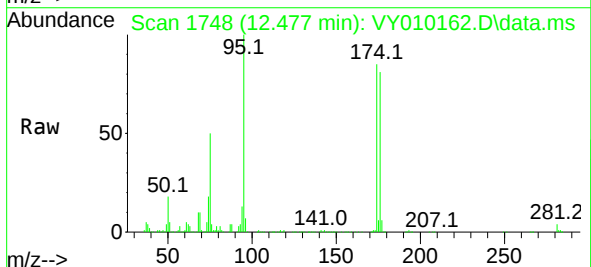
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

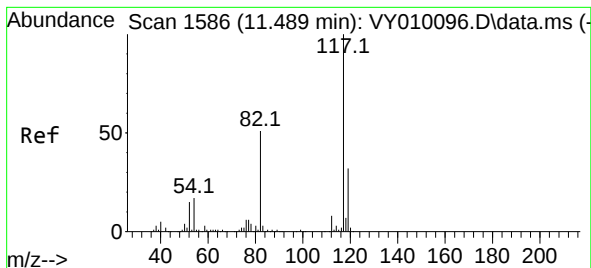
Tgt Ion:107 Resp: 37045
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.629 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 95 Resp: 139252
Ion Ratio Lower Upper
95 100
174 87.4 0.0 173.8
176 84.5 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

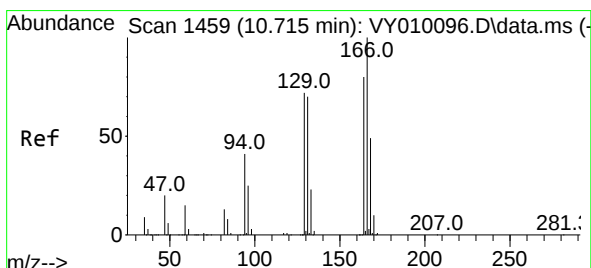
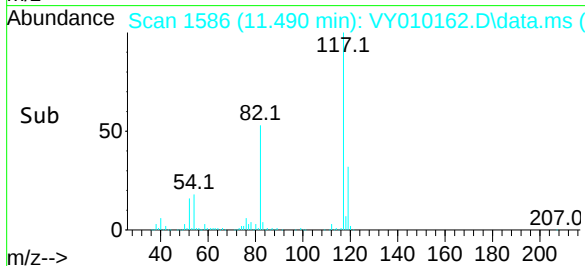
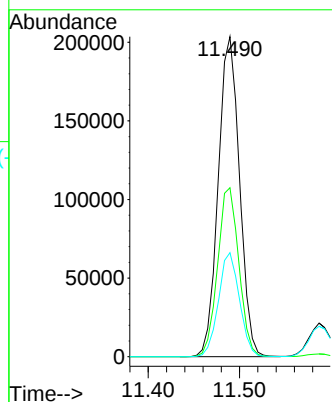
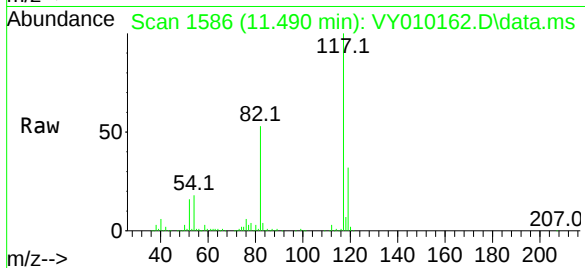
Tgt Ion:117 Resp: 329599

Ion Ratio Lower Upper

117 100

82 52.8 40.6 61.0

119 32.5 25.8 38.8



#64

Tetrachloroethene

Concen: 18.529 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Tgt Ion:164 Resp: 49295

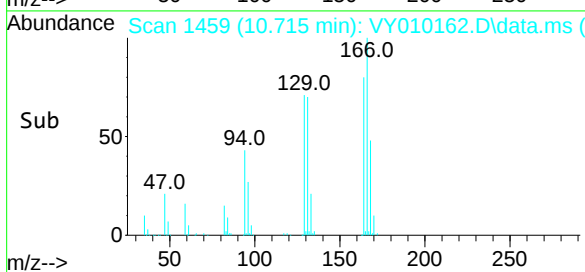
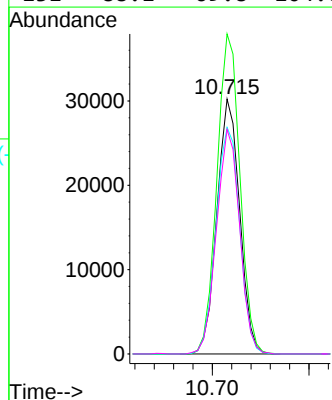
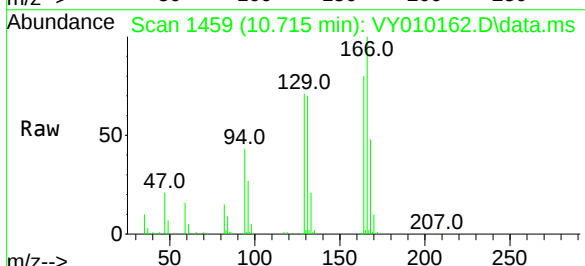
Ion Ratio Lower Upper

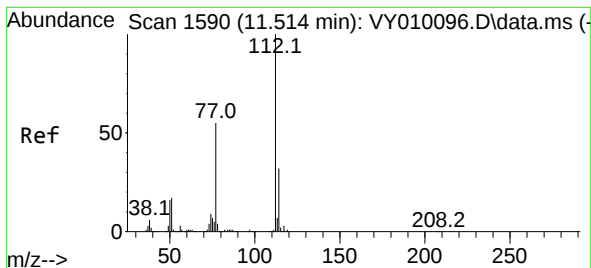
164 100

166 125.6 100.3 150.5

129 88.9 71.8 107.6

131 88.1 69.8 104.6

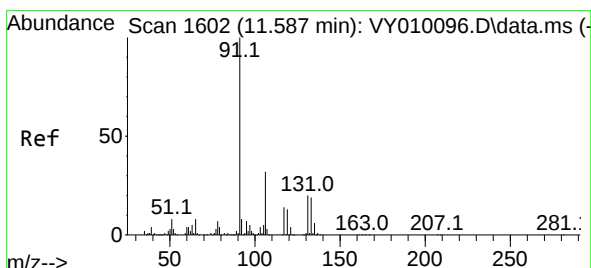
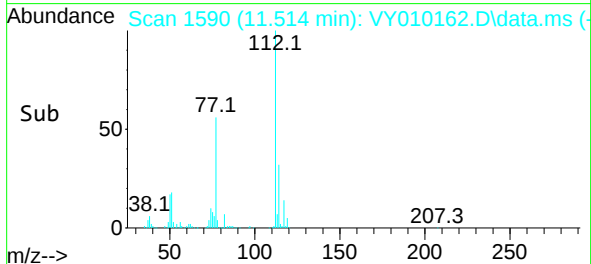
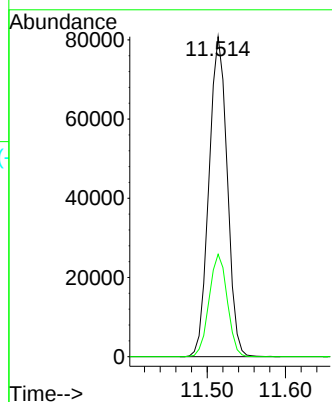
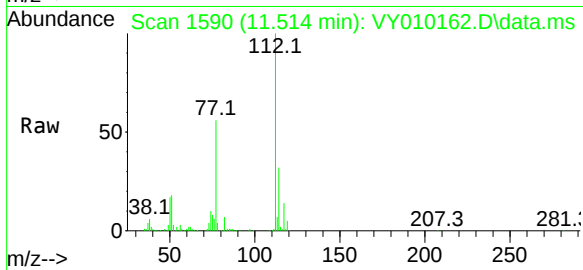




#65
Chlorobenzene
Concen: 19.719 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

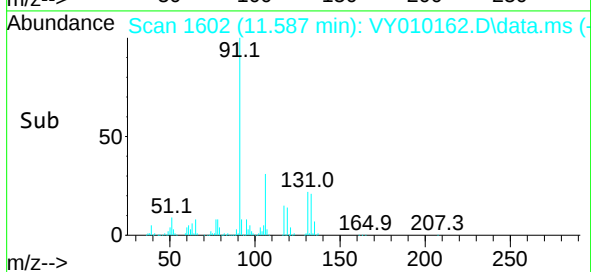
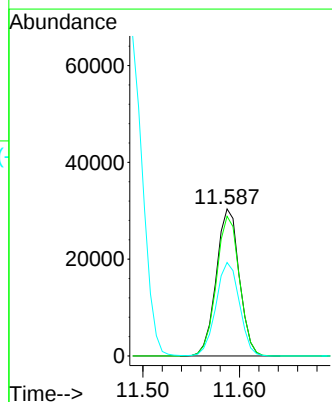
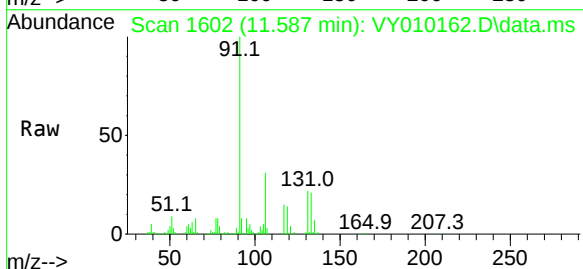
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

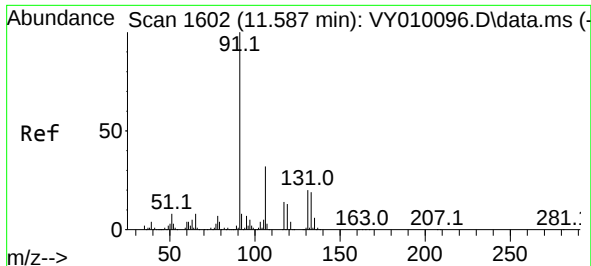
Tgt Ion:112 Resp: 130722
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.498 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion:131 Resp: 50229
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 64.7 33.0 98.9





#67

Ethyl Benzene

Concen: 19.604 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

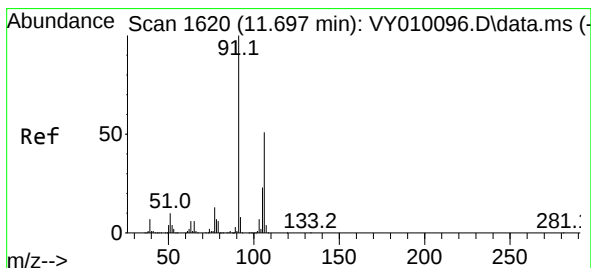
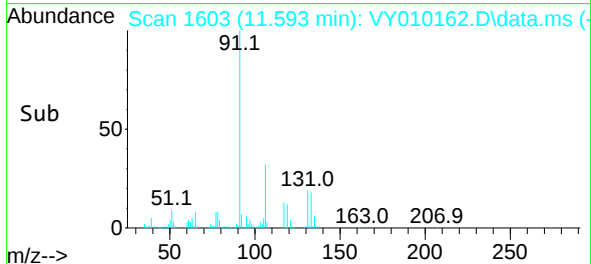
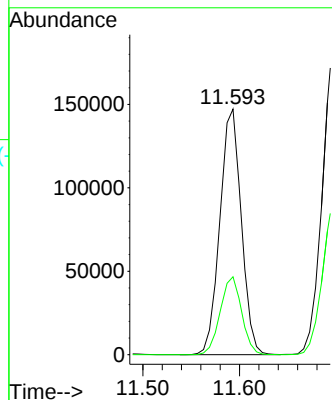
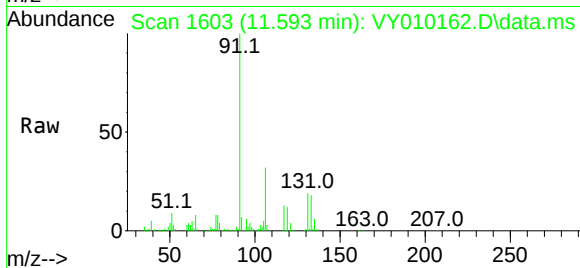
VY0823SBS01

Tgt Ion: 91 Resp: 226456

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 39.255 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010162.D

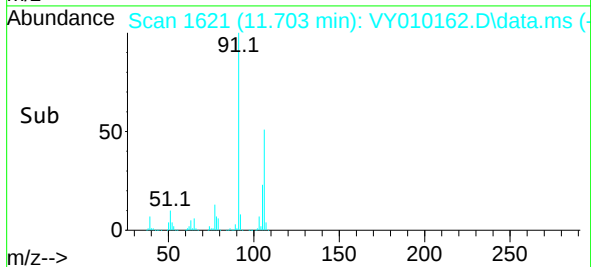
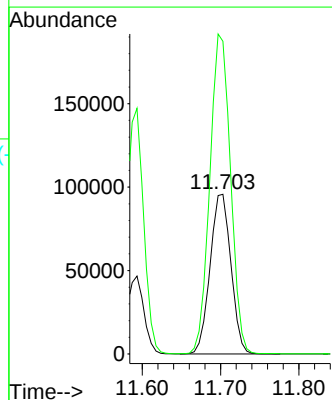
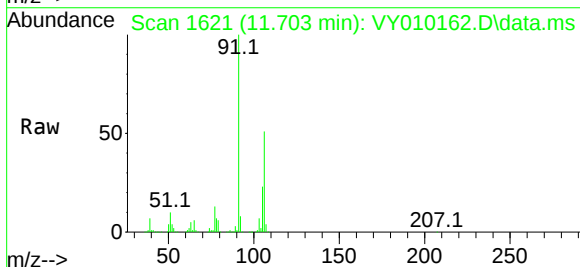
Acq: 23 Aug 2022 14:00

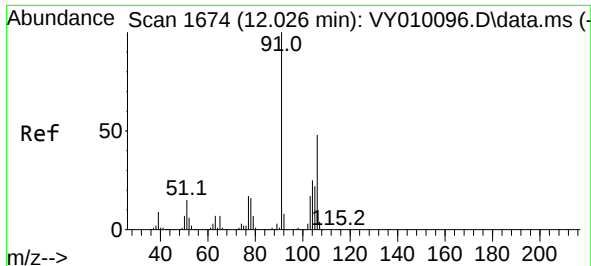
Tgt Ion:106 Resp: 176839

Ion Ratio Lower Upper

106 100

91 199.5 157.8 236.8

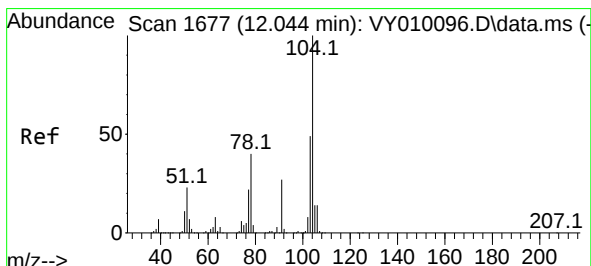
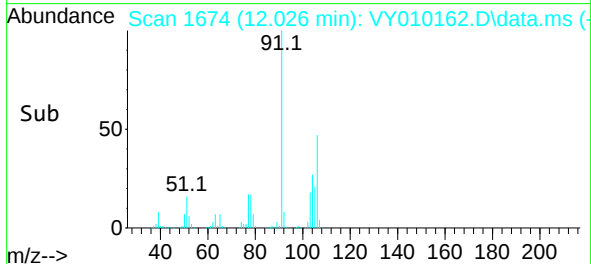
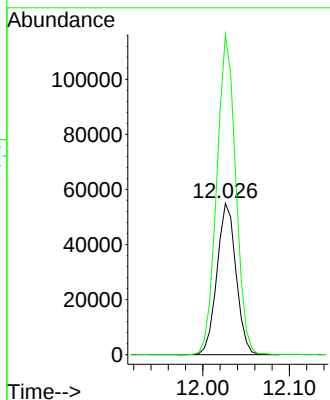
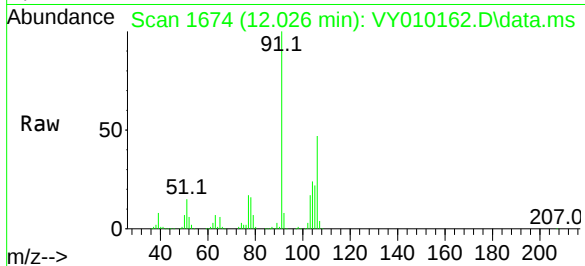




#69
o-Xylene
Concen: 20.047 ug/l
RT: 12.026 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

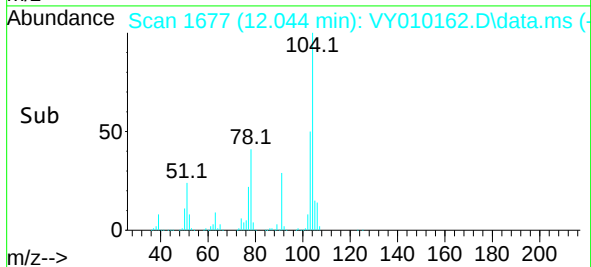
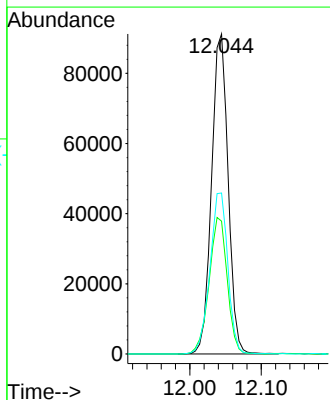
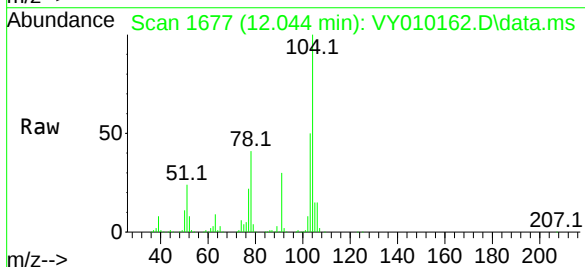
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

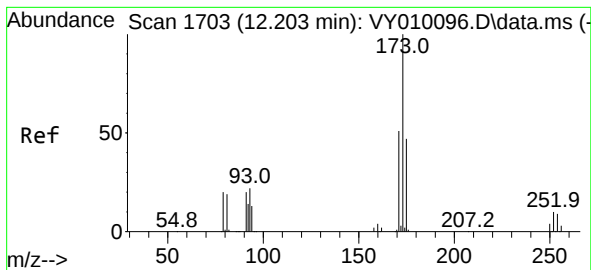
Tgt Ion:106 Resp: 84088
Ion Ratio Lower Upper
106 100
91 210.3 104.6 313.7



#70
Styrene
Concen: 20.471 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion:104 Resp: 146530
Ion Ratio Lower Upper
104 100
78 46.7 36.6 55.0
103 54.7 43.7 65.5





#71

Bromoform

Concen: 20.680 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

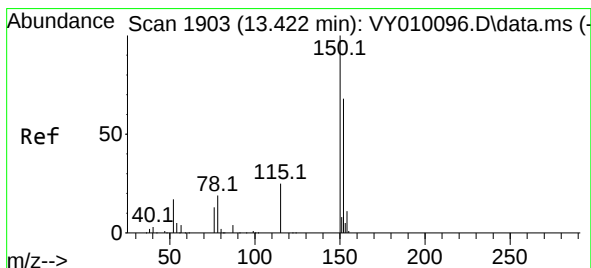
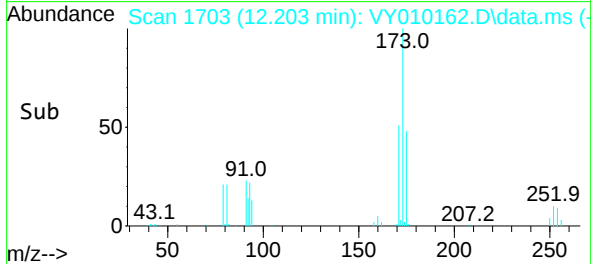
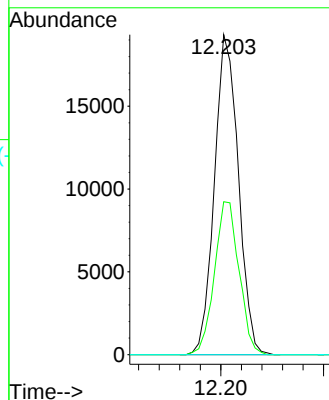
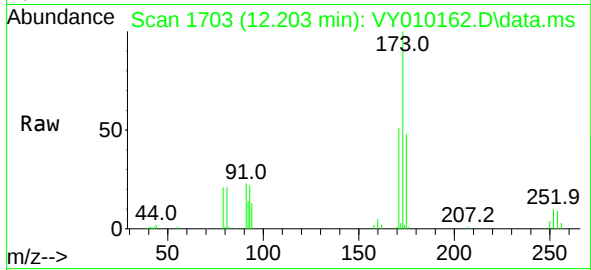
Tgt Ion:173 Resp: 31194

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

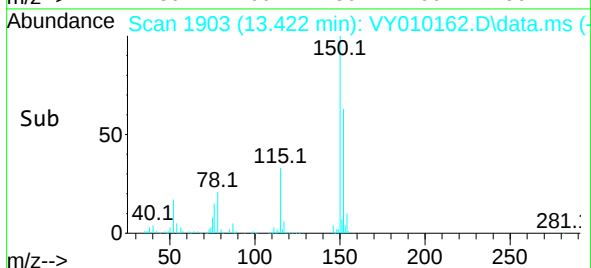
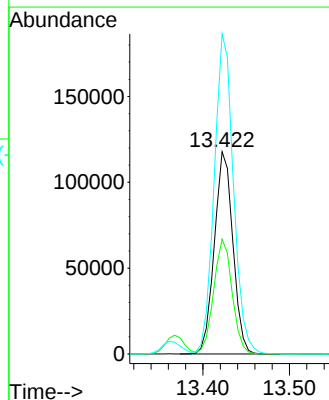
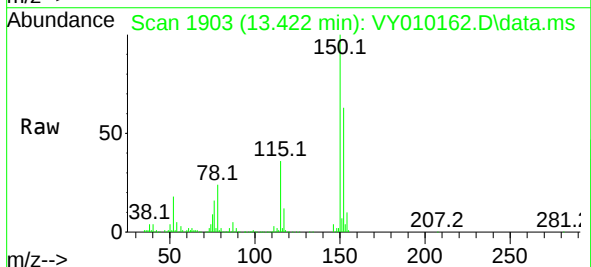
Tgt Ion:152 Resp: 175144

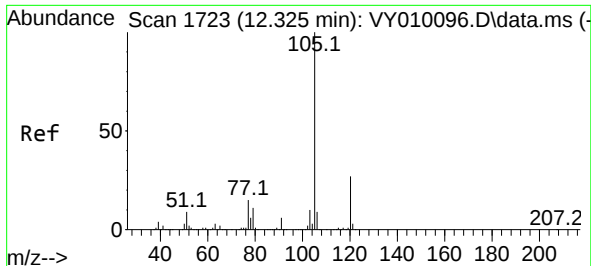
Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 164.4 0.0 346.2

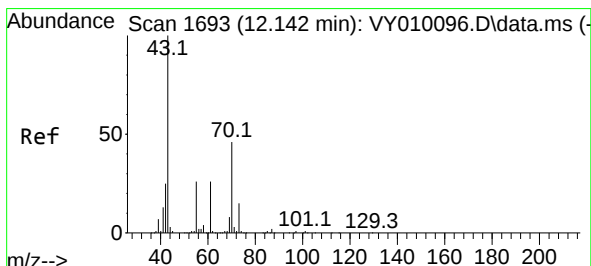
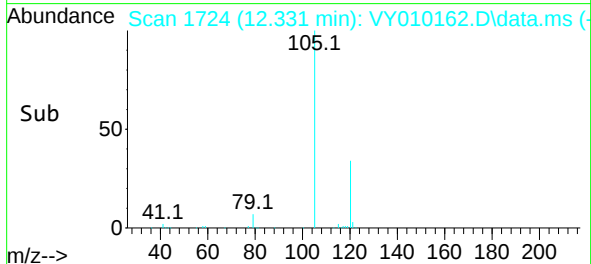
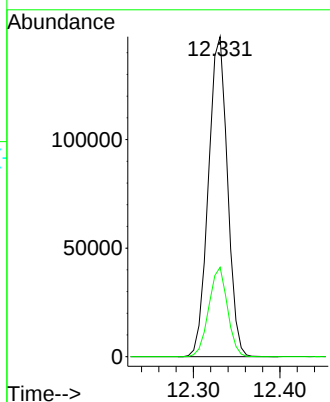
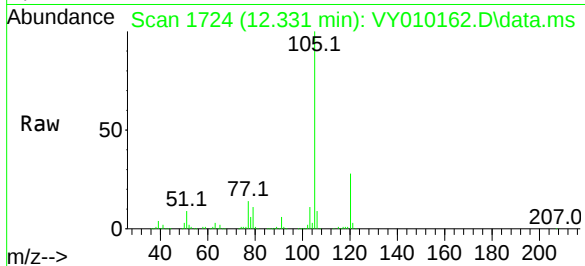




#73
Isopropylbenzene
Concen: 19.136 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

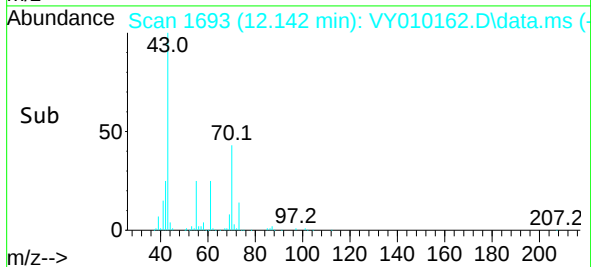
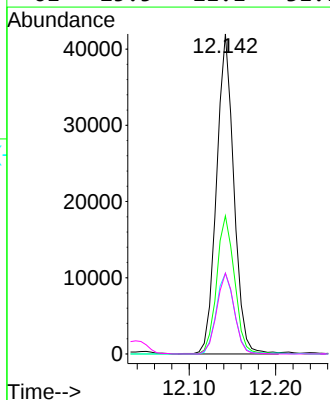
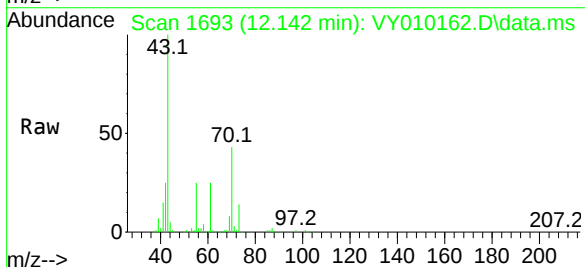
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

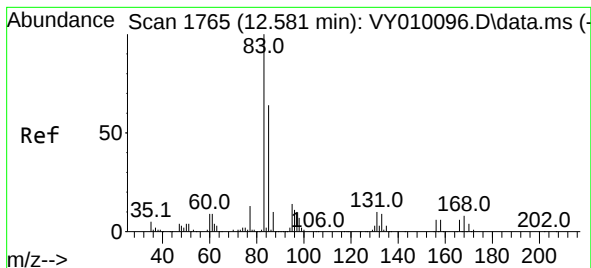
Tgt Ion:105 Resp: 225476
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7



#74
N-ethyl acetate
Concen: 20.525 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 43 Resp: 58296
Ion Ratio Lower Upper
43 100
70 44.7 37.1 55.7
55 26.2 21.0 31.6
61 25.5 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.757 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

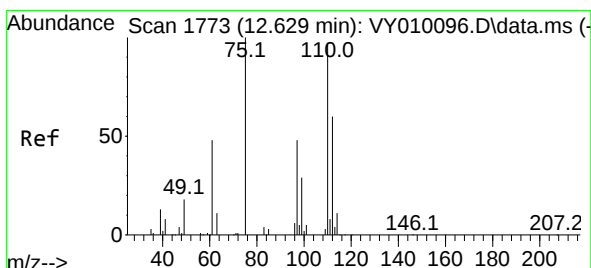
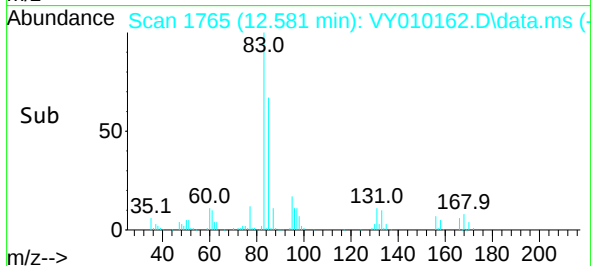
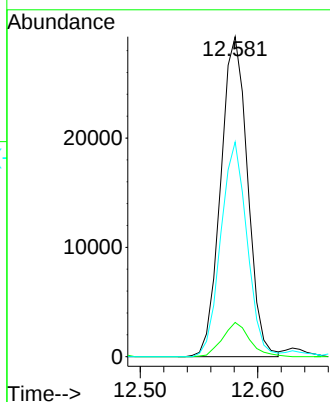
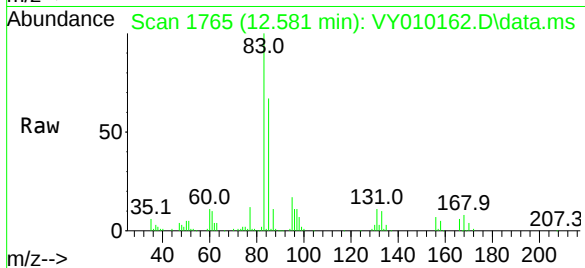
Tgt Ion: 83 Resp: 46565

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

85 65.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 36.910 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY010162.D

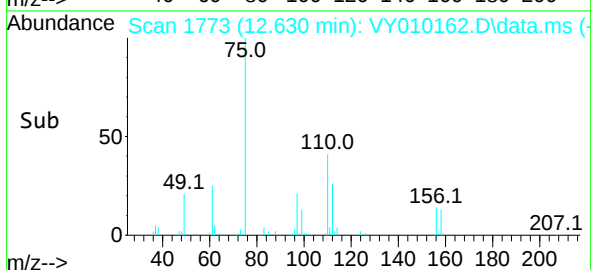
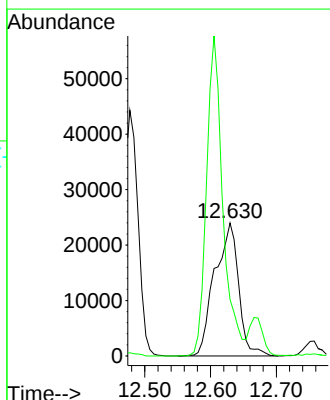
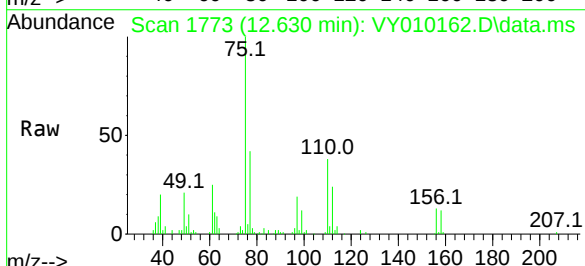
Acq: 23 Aug 2022 14:00

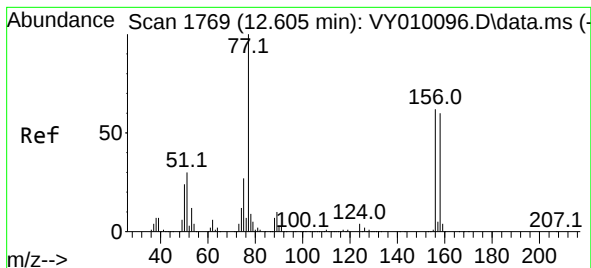
Tgt Ion: 75 Resp: 60542

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.395 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBSD01

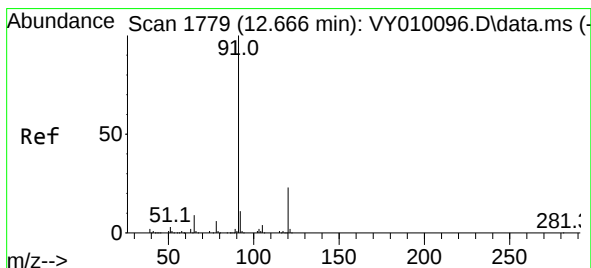
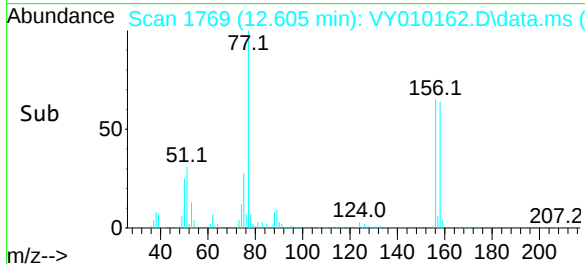
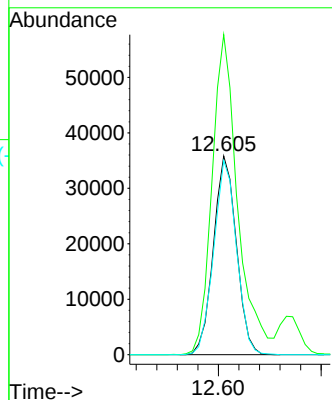
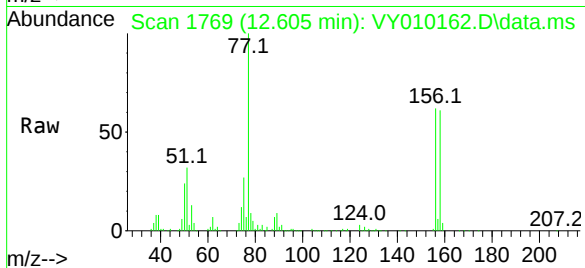
Tgt Ion:156 Resp: 55589

Ion Ratio Lower Upper

156 100

77 180.5 89.5 268.4

158 97.2 48.3 144.9



#78

n-propylbenzene

Concen: 19.449 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY010162.D

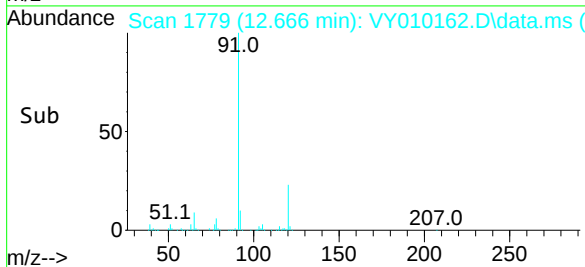
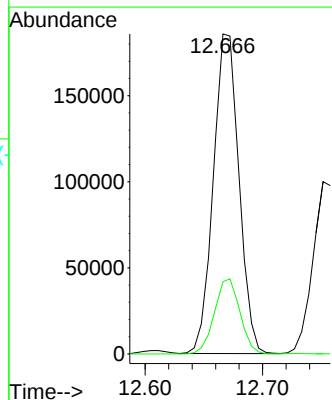
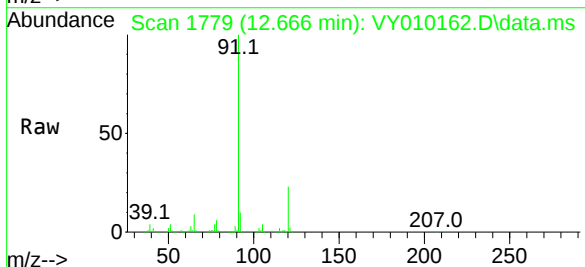
Acq: 23 Aug 2022 14:00

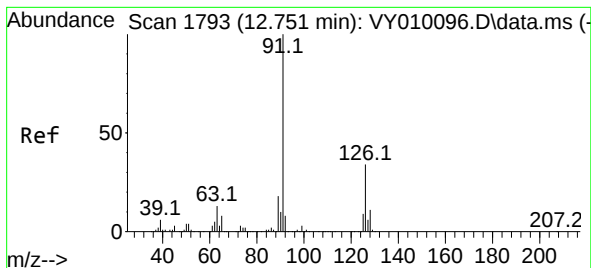
Tgt Ion: 91 Resp: 281367

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8

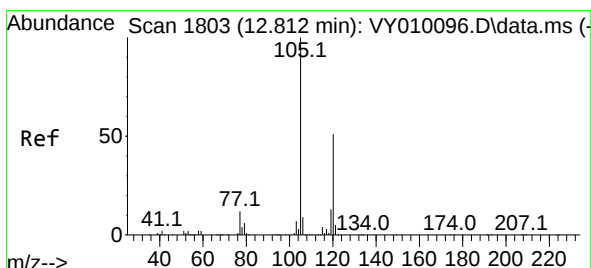
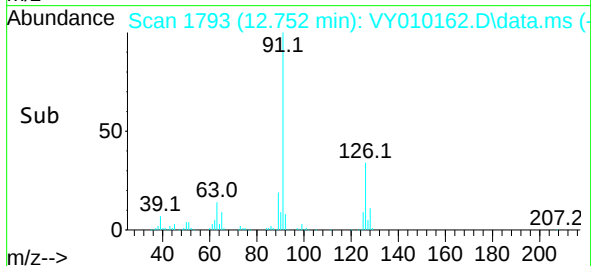
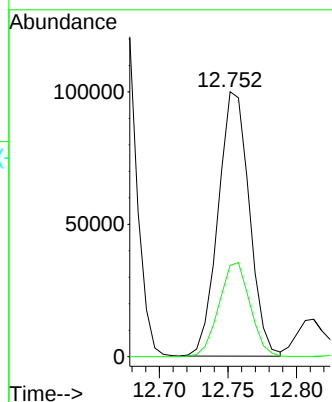
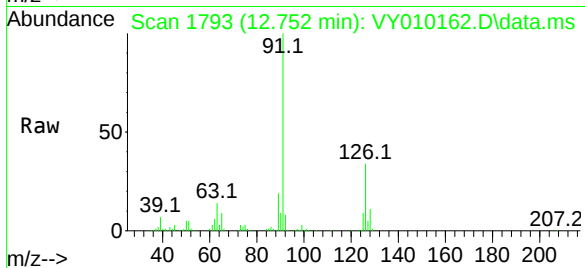




#79
2-Chlorotoluene
Concen: 19.423 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

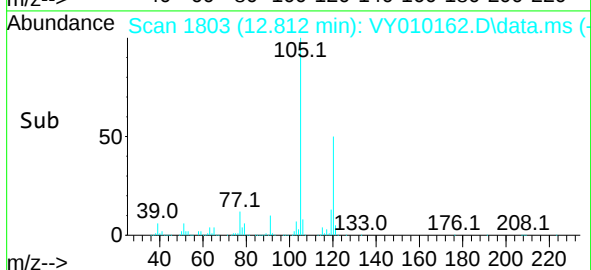
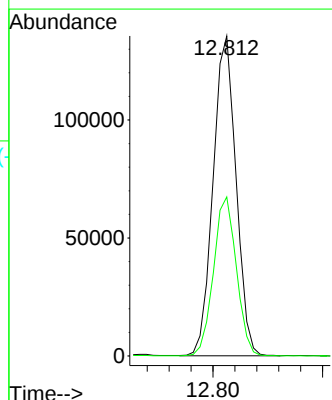
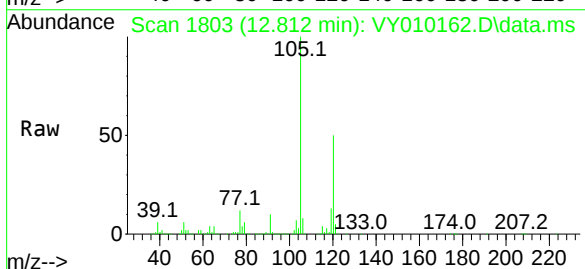
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

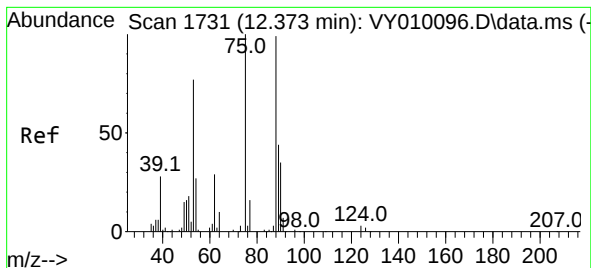
Tgt Ion: 91 Resp: 158285
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.975 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 105 Resp: 196922
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

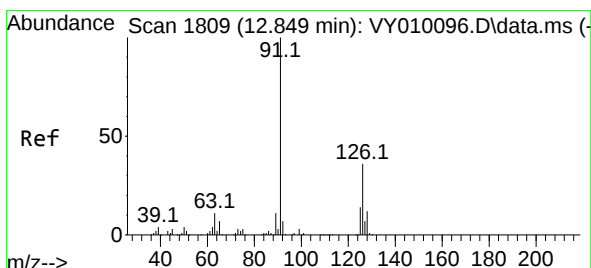
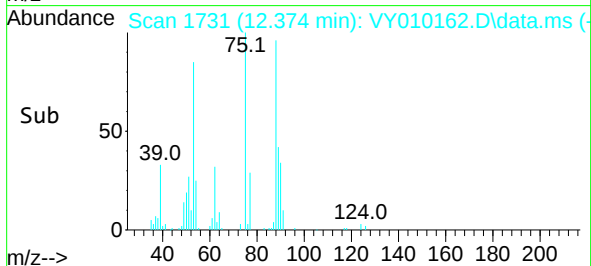
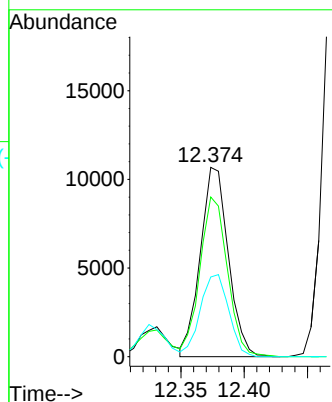
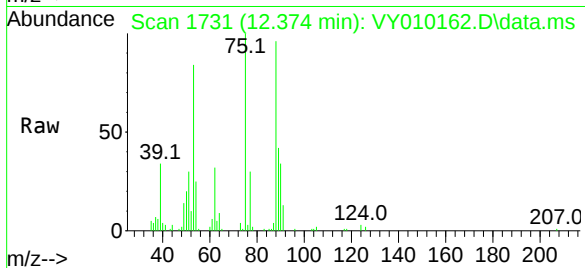




#81
trans-1,4-Dichloro-2-butene
Concen: 20.196 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

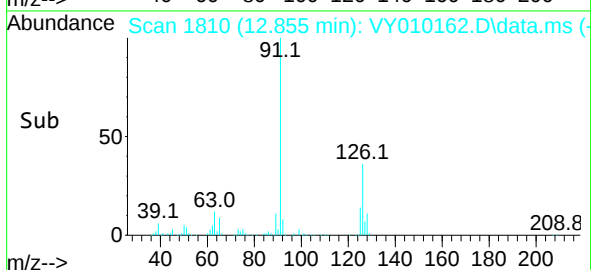
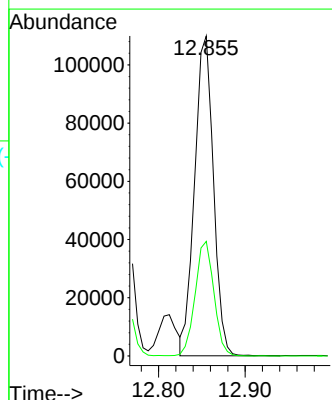
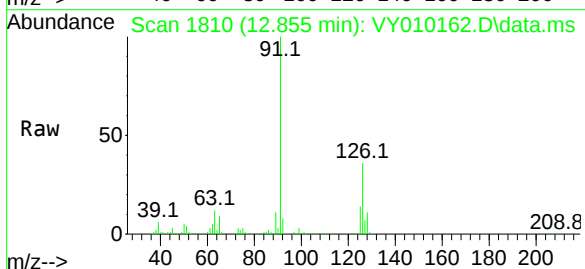
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

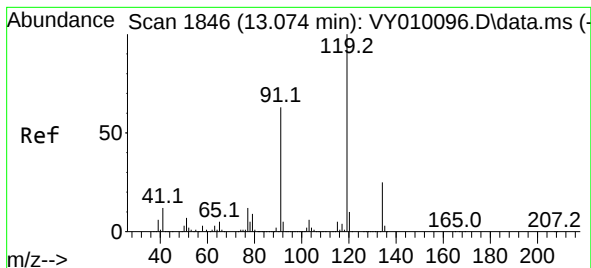
Tgt Ion: 75 Resp: 16493
Ion Ratio Lower Upper
75 100
53 82.9 62.6 94.0
89 43.9 36.8 55.2



#82
4-Chlorotoluene
Concen: 19.610 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 91 Resp: 165662
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.4





#83

tert-Butylbenzene

Concen: 19.699 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

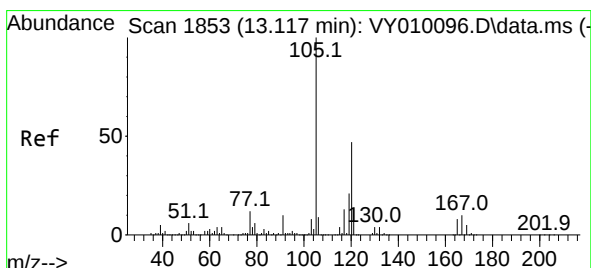
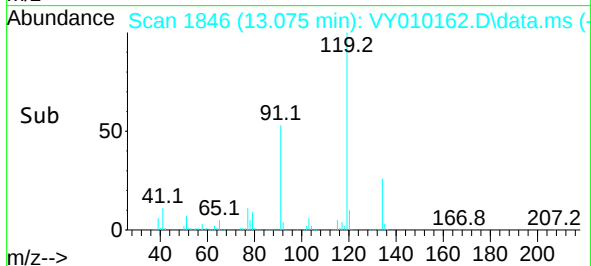
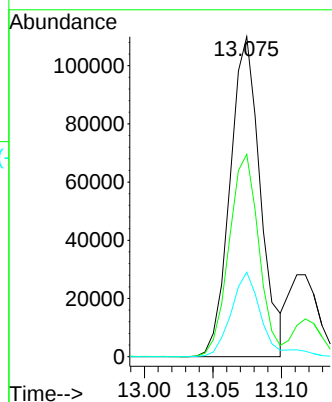
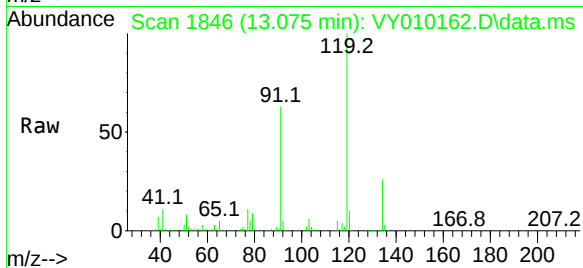
Tgt Ion:119 Resp: 169305

Ion Ratio Lower Upper

119 100

91 62.2 30.9 92.7

134 26.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 19.949 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010162.D

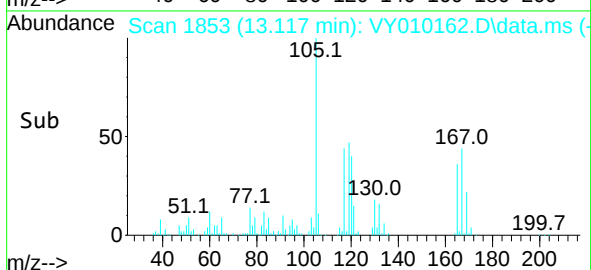
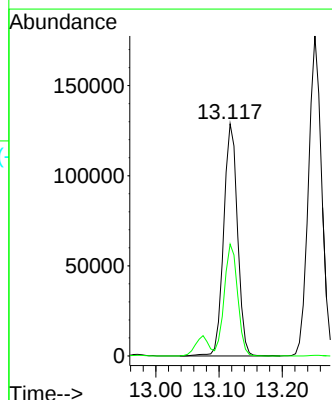
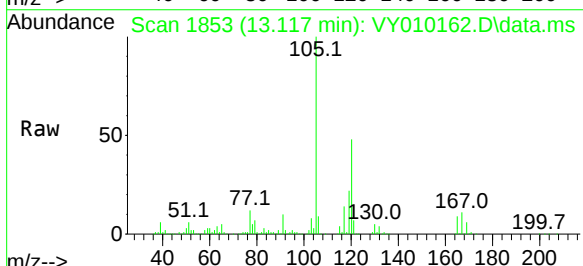
Acq: 23 Aug 2022 14:00

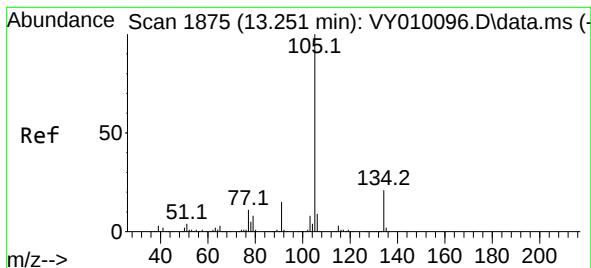
Tgt Ion:105 Resp: 194778

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.657 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

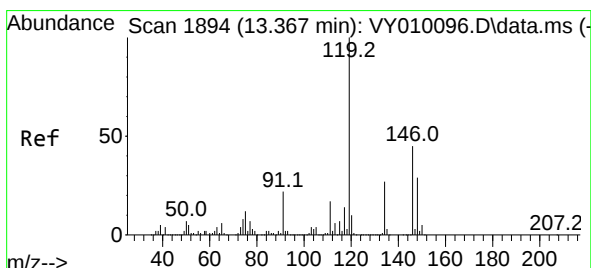
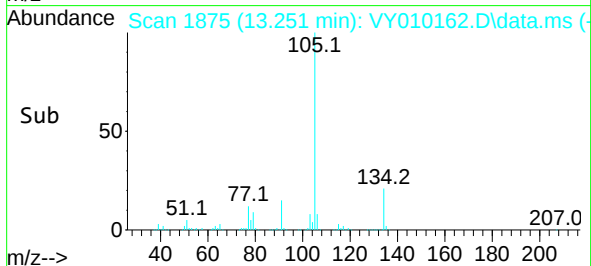
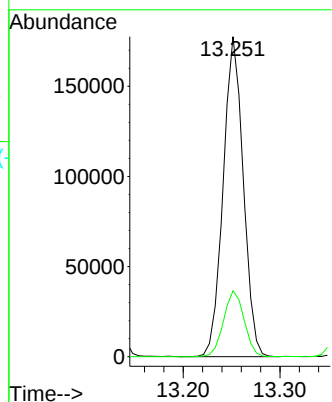
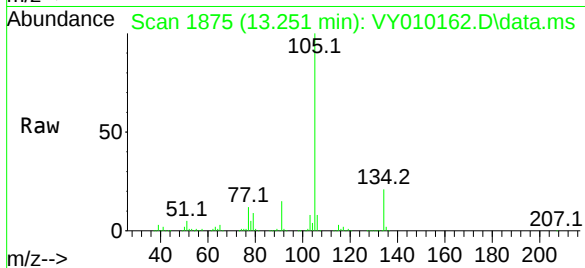
VY0823SBSD01

Tgt Ion:105 Resp: 256142

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.818 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

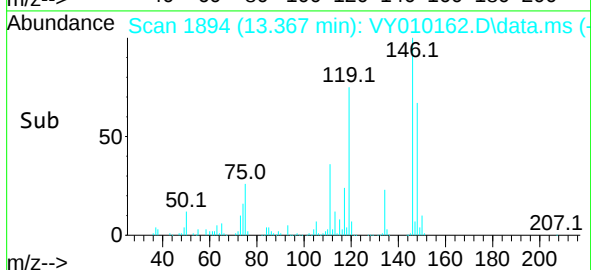
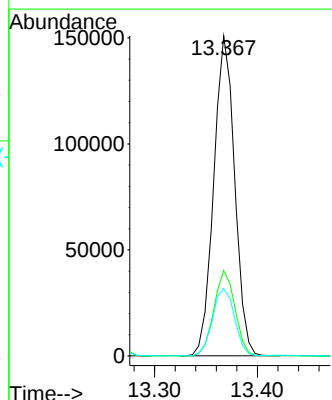
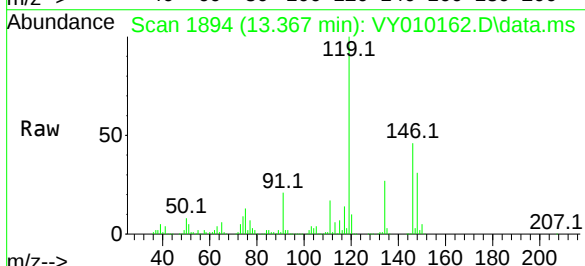
Tgt Ion:119 Resp: 212871

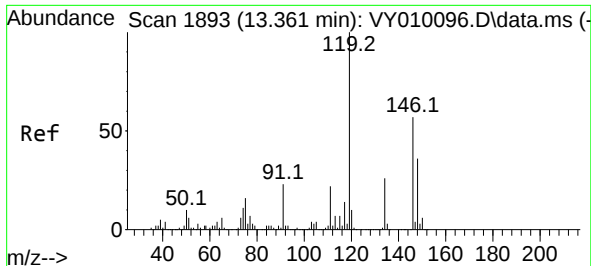
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.1 11.2 33.6

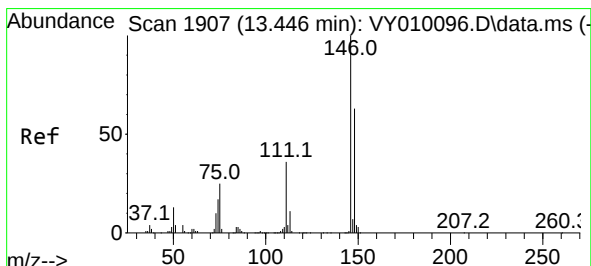
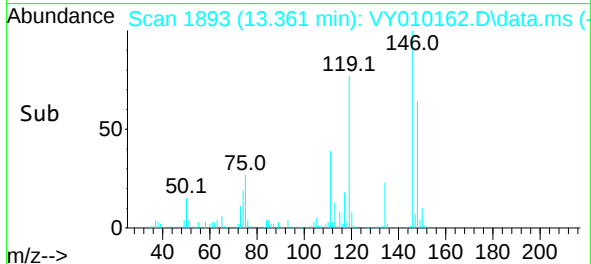
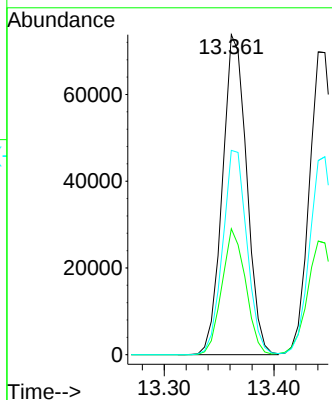
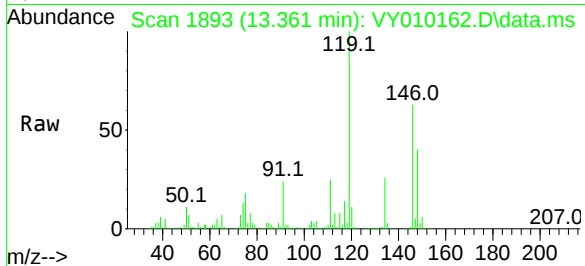




#87
 1,3-Dichlorobenzene
 Concen: 19.650 ug/l
 RT: 13.361 min Scan# 113409
 Delta R.T. 0.000 min
 Lab File: VY010162.D
 Acq: 23 Aug 2022 14:00

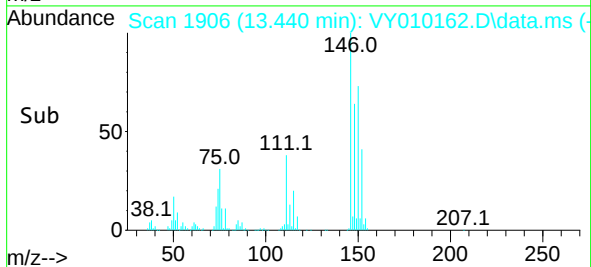
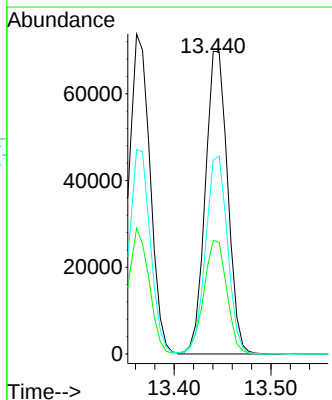
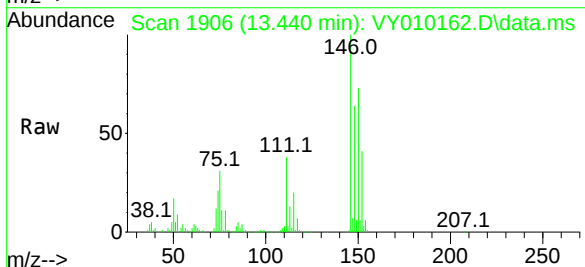
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

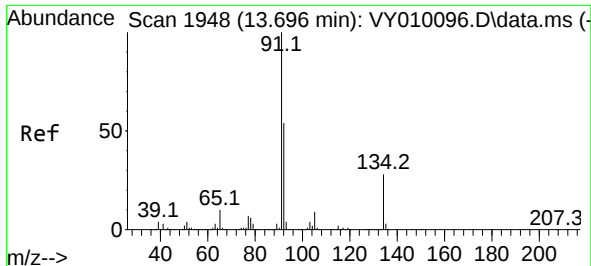
Tgt Ion:146 Resp: 113409
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.3
 148 64.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.382 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY010162.D
 Acq: 23 Aug 2022 14:00

Tgt Ion:146 Resp: 112004
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.7 56.1
 148 64.4 31.8 95.4

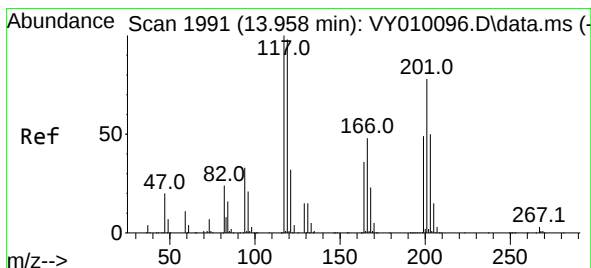
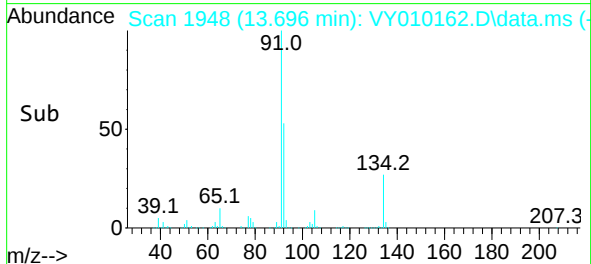
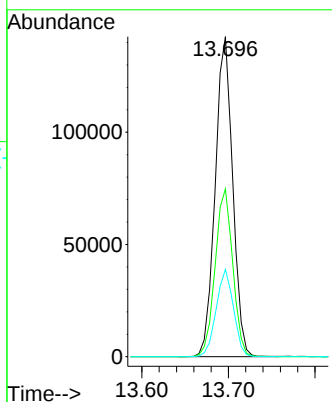
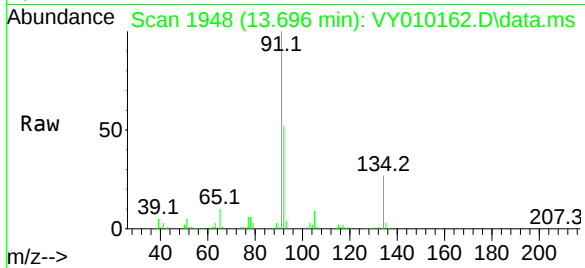




#89
n-Butylbenzene
Concen: 19.767 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

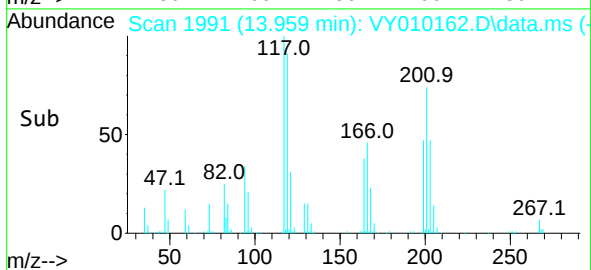
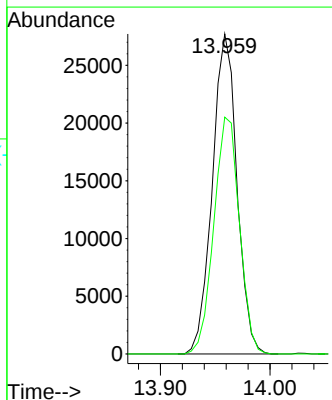
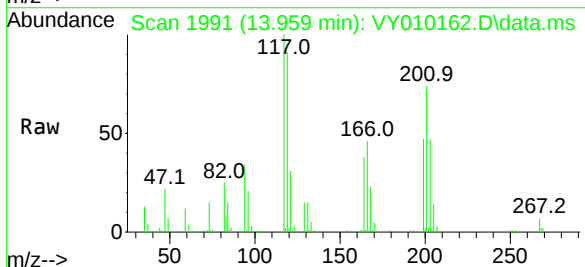
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

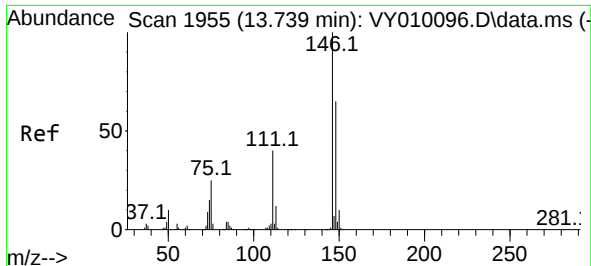
Tgt Ion: 91 Resp: 199840
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 19.783 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 117 Resp: 43326
Ion Ratio Lower Upper
117 100
201 76.7 38.6 115.8

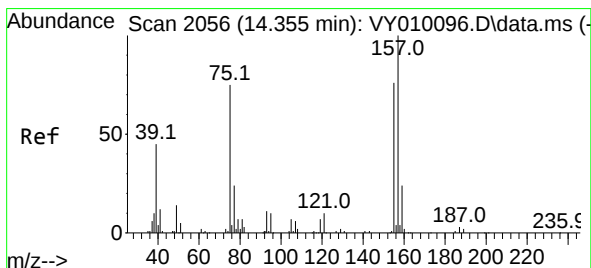
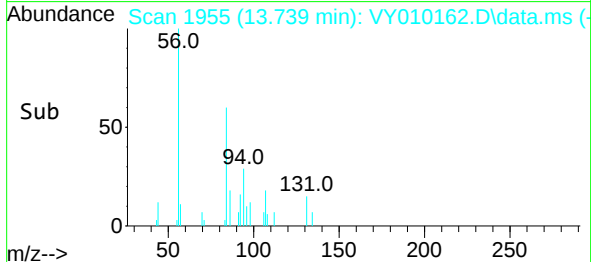
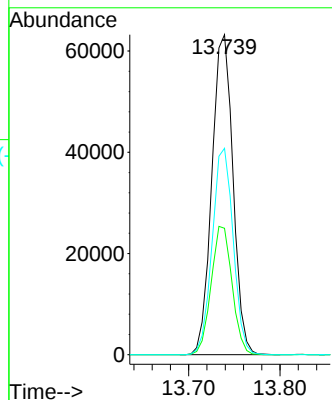
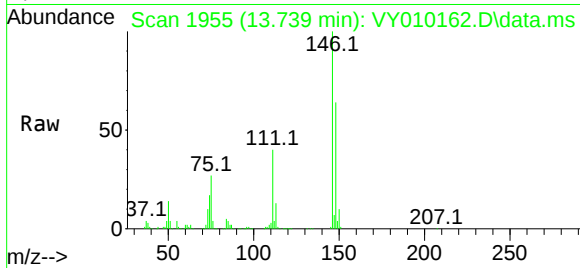




#91
1,2-Dichlorobenzene
Concen: 19.791 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

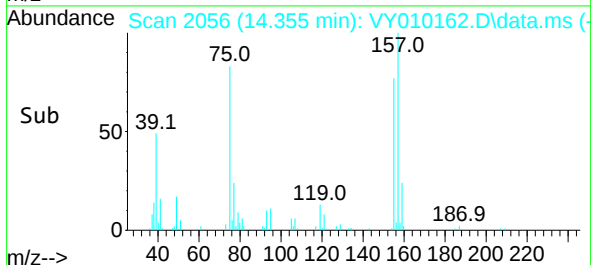
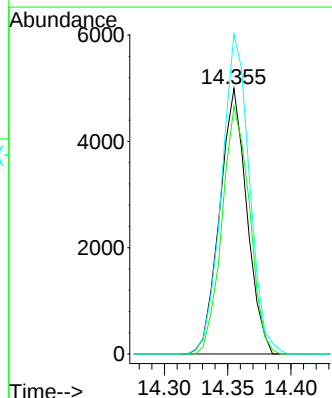
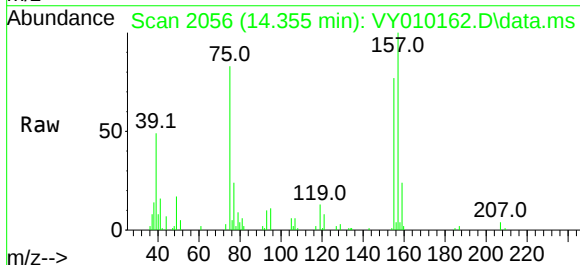
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBSD01

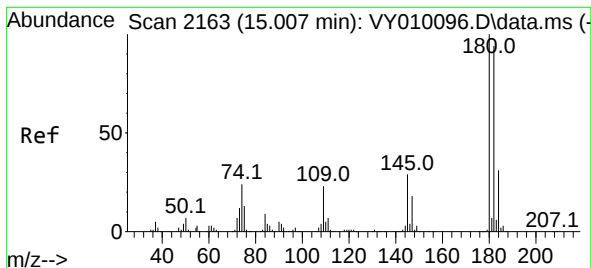
Tgt Ion:146 Resp: 101388
Ion Ratio Lower Upper
146 100
111 39.8 20.0 60.0
148 64.2 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.667 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010162.D
Acq: 23 Aug 2022 14:00

Tgt Ion: 75 Resp: 7447
Ion Ratio Lower Upper
75 100
155 94.1 49.1 147.4
157 123.3 62.3 186.8





#93

1,2,4-Trichlorobenzene

Concen: 20.651 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBSD01

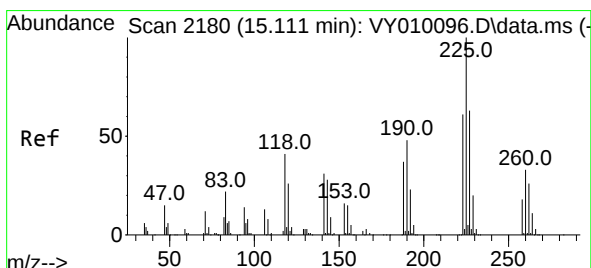
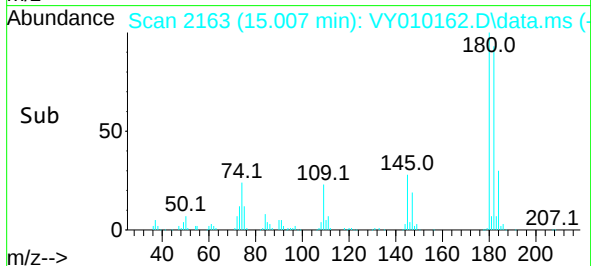
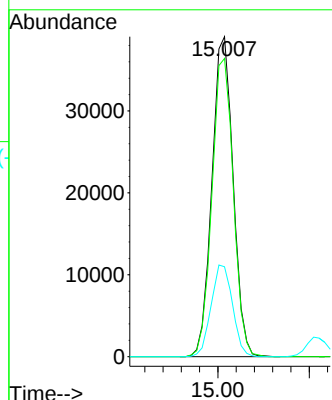
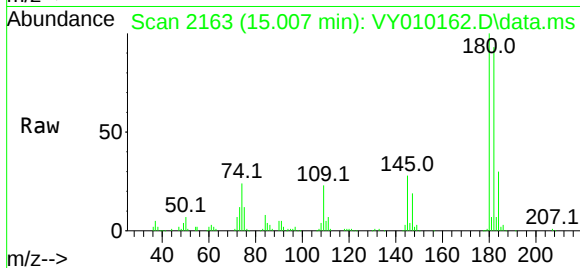
Tgt Ion:180 Resp: 62725

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.8

145 28.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.843 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

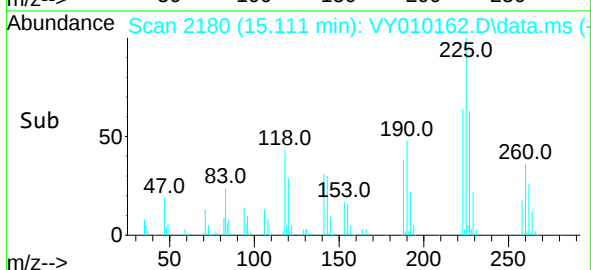
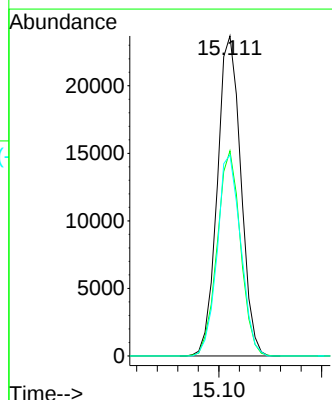
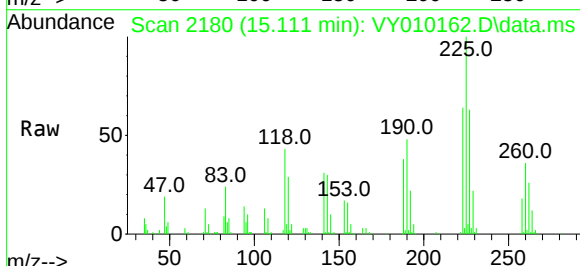
Tgt Ion:225 Resp: 37584

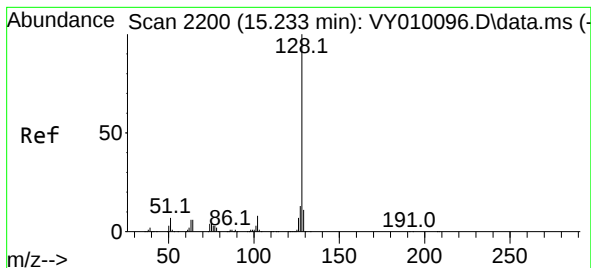
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.5

227 62.8 32.0 96.2





#95

Naphthalene

Concen: 20.805 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

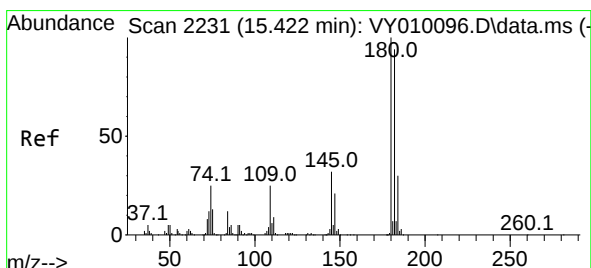
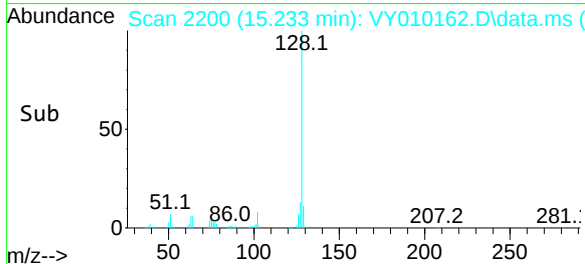
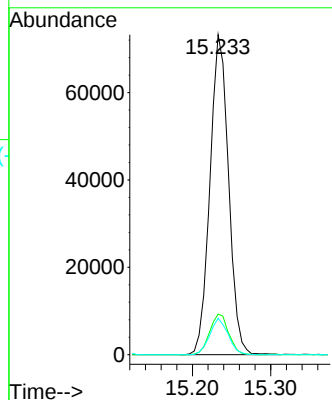
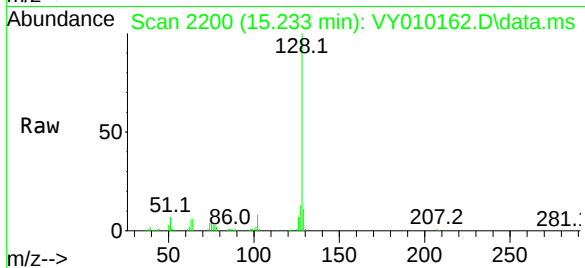
Tgt Ion:128 Resp: 120728

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.282 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010162.D

Acq: 23 Aug 2022 14:00

Tgt Ion:180 Resp: 53685

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.2

145 31.8 16.0 47.9

