

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012039.D
 Acq On : 03 Jan 2023 12:13
 Operator : KP/MD
 Sample : VY0103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

Quant Time: Jan 04 01:15:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90972	50.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.060%	
35) Dibromofluoromethane	7.716	113	80444	48.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.980%	
50) Toluene-d8	10.179	98	309674	46.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.960%	
62) 4-Bromofluorobenzene	12.477	95	111432	49.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35292	25.774	ug/l	99
3) Chloromethane	2.113	50	32595	20.291	ug/l	99
4) Vinyl Chloride	2.253	62	37564	21.204	ug/l	99
5) Bromomethane	2.644	94	28414	22.545	ug/l	96
6) Chloroethane	2.790	64	24570	21.219	ug/l	99
7) Trichlorofluoromethane	3.125	101	70389	22.698	ug/l	100
8) Diethyl Ether	3.528	74	21060	22.010	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	35711	20.919	ug/l	96
10) Methyl Iodide	4.088	142	48016	20.329	ug/l	96
11) Tert butyl alcohol	4.954	59	20258	91.125	ug/l	98
12) 1,1-Dichloroethene	3.875	96	35424	20.744	ug/l	93
13) Acrolein	3.729	56	17146	100.869	ug/l	99
14) Allyl chloride	4.479	41	46295	18.410	ug/l	89
15) Acrylonitrile	5.155	53	48098	108.060	ug/l	99
16) Acetone	3.948	43	42509	81.648	ug/l	99
17) Carbon Disulfide	4.192	76	111200	20.414	ug/l	99
18) Methyl Acetate	4.472	43	24894	19.812	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	100118	22.850	ug/l	94
20) Methylene Chloride	4.710	84	43334	16.698	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	39635	20.427	ug/l	95
22) Diisopropyl ether	6.119	45	95950	19.373	ug/l	95
23) Vinyl Acetate	6.058	43	289918	101.743	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	62951	19.554	ug/l	99
25) 2-Butanone	6.984	43	58325	96.290	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	65210	20.700	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	43588	20.770	ug/l	96
28) Bromochloromethane	7.326	49	16009	18.121	ug/l	83
29) Tetrahydrofuran	7.344	42	35675	103.952	ug/l	88
30) Chloroform	7.502	83	72564	20.912	ug/l	100
31) Cyclohexane	7.783	56	58579	19.136	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	71463	21.652	ug/l	98
36) 1,1-Dichloropropene	7.917	75	53540	20.327	ug/l	98
37) Ethyl Acetate	7.076	43	26282	22.240	ug/l #	94
38) Carbon Tetrachloride	7.899	117	67807	22.290	ug/l	93
39) Methylcyclohexane	9.179	83	66184	20.882	ug/l	94
40) Benzene	8.161	78	154810	20.538	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34286	59.998	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	49469	22.797	ug/l	100
43) Isopropyl Acetate	8.271	43	46117	21.367	ug/l	96
44) Trichloroethene	8.935	130	45187	21.268	ug/l	95
45) 1,2-Dichloropropane	9.216	63	33455	19.209	ug/l	98
46) Dibromomethane	9.307	93	22228	22.157	ug/l	98
47) Bromodichloromethane	9.496	83	54251	21.315	ug/l	95
48) Methyl methacrylate	9.295	41	20894	20.909	ug/l	92
49) 1,4-Dioxane	9.295	88	6222	519.463	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	123025	106.900	ug/l	96
52) Toluene	10.240	92	101874	21.212	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	56699	22.047	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	61550	21.292	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	31347	22.019	ug/l	97
56) Ethyl methacrylate	10.508	69	40476	22.456	ug/l	96
57) 1,3-Dichloropropane	10.788	76	51015	21.473	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	72975	104.920	ug/l	91
59) 2-Hexanone	10.831	43	88014	103.956	ug/l	97
60) Dibromochloromethane	10.983	129	40559	22.616	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30097	22.597	ug/l	98
64) Tetrachloroethene	10.715	164	48155	22.140	ug/l	95
65) Chlorobenzene	11.514	112	108760	21.080	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42034	21.897	ug/l	97
67) Ethyl Benzene	11.593	91	195317	20.943	ug/l	100
68) m/p-Xylenes	11.703	106	156063	43.028	ug/l	99
69) o-Xylene	12.026	106	73003	21.632	ug/l	100
70) Styrene	12.044	104	124669	22.001	ug/l	99
71) Bromoform	12.209	173	26913	23.660	ug/l #	99
73) Isopropylbenzene	12.331	105	199410	20.204	ug/l	100
74) N-amyl acetate	12.142	43	40665	20.097	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	33112	20.110	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	48696	29.423	ug/l #	100
77) Bromobenzene	12.605	156	47591	20.843	ug/l	94
78) n-propylbenzene	12.672	91	236700	19.952	ug/l	99
79) 2-Chlorotoluene	12.758	91	130773	19.610	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	175007	20.711	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12635	20.907	ug/l	95
82) 4-Chlorotoluene	12.855	91	138391	20.057	ug/l	98
83) tert-Butylbenzene	13.075	119	148496	20.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	171480	20.628	ug/l	98
85) sec-Butylbenzene	13.251	105	212991	19.917	ug/l	98
86) p-Isopropyltoluene	13.367	119	186182	20.634	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94506	20.580	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93968	20.584	ug/l	99
89) n-Butylbenzene	13.696	91	163405	20.004	ug/l	98
90) Hexachloroethane	13.959	117	34277	19.909	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	83316	20.811	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6664	23.551	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	52467	22.279	ug/l	98
94) Hexachlorobutadiene	15.111	225	31883	20.952	ug/l	99
95) Naphthalene	15.233	128	102513	22.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	45086	22.644	ug/l	99

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QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

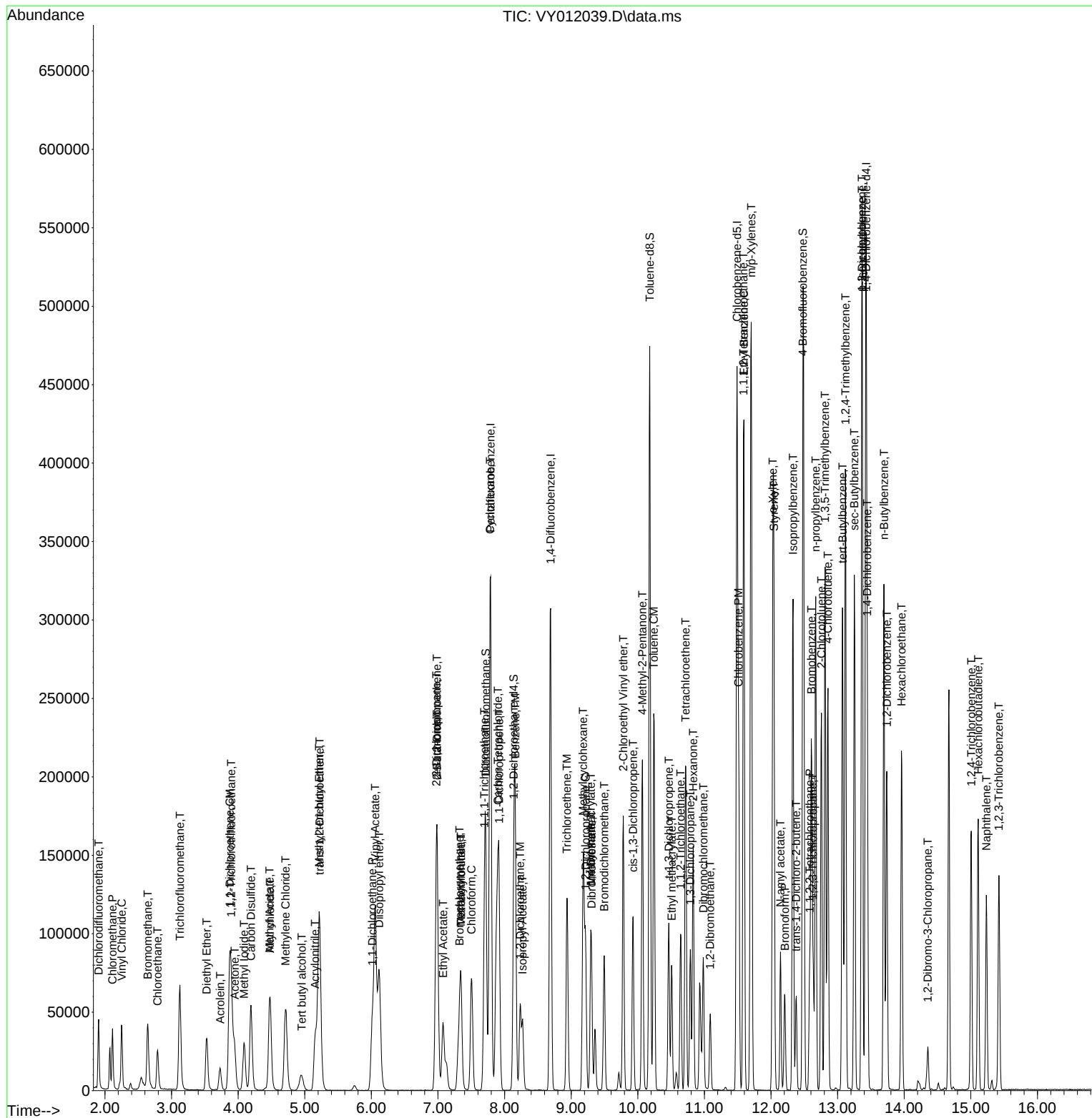
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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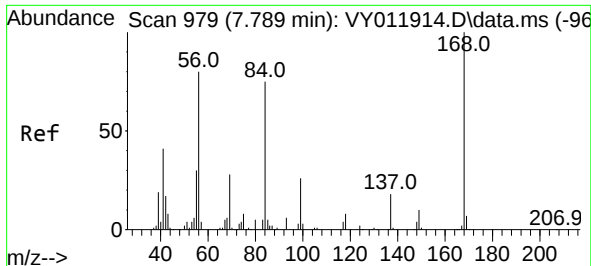
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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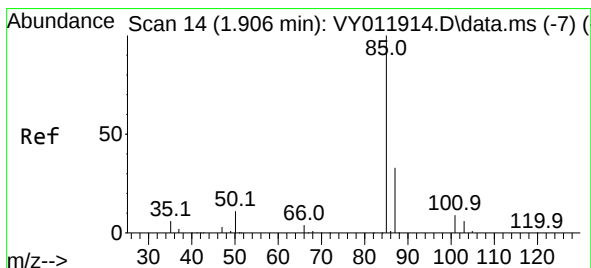
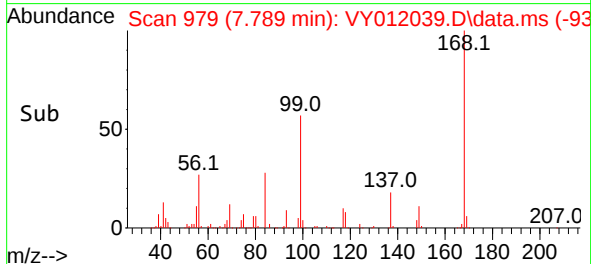
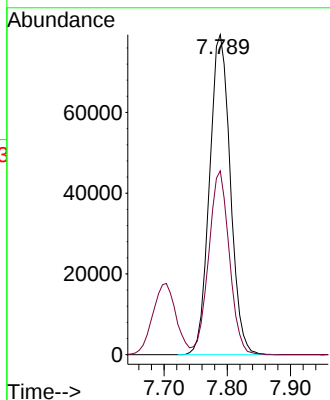
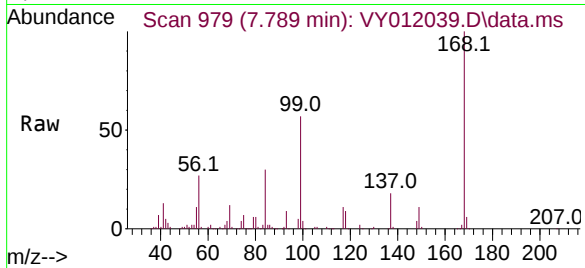




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012039.D
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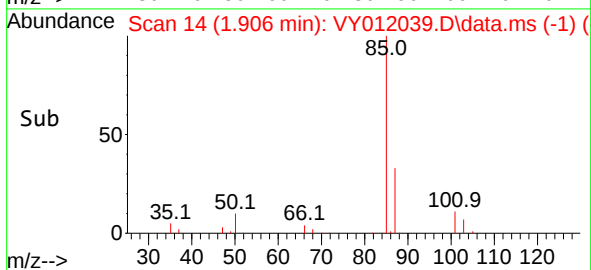
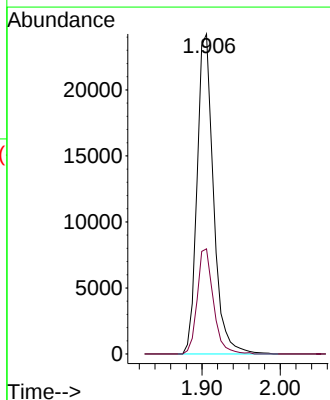
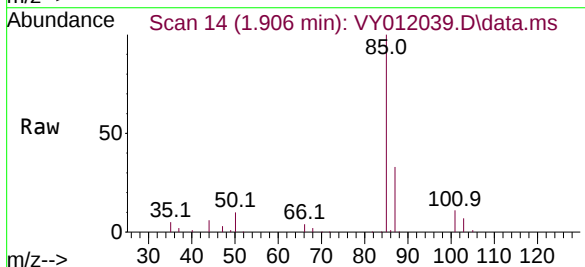
Instrument :
MSVOA_Y
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VY0103SBS01

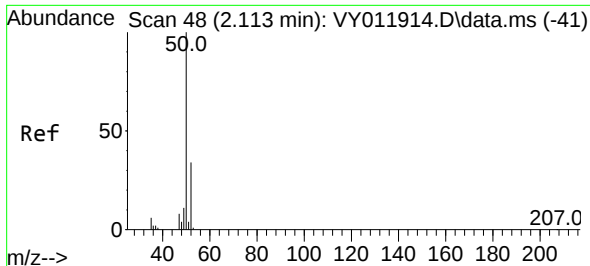
Tgt Ion:168 Resp: 180490
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 25.774 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 85 Resp: 35292
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.4

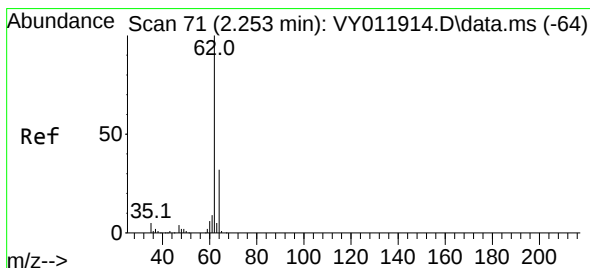
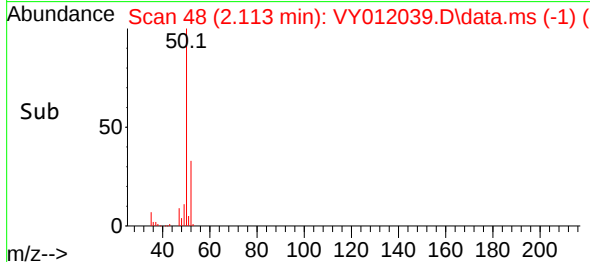
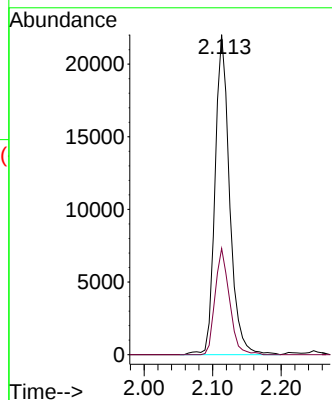
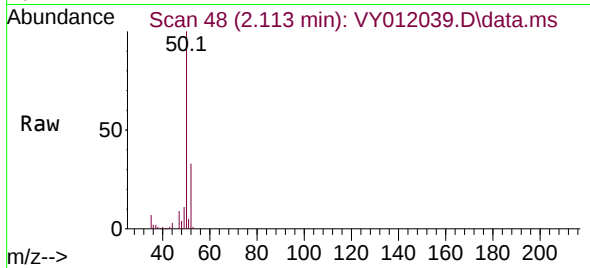




#3
Chloromethane
Concen: 20.291 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

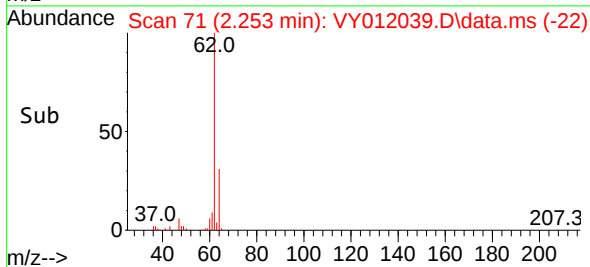
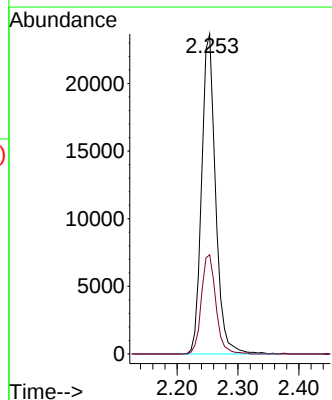
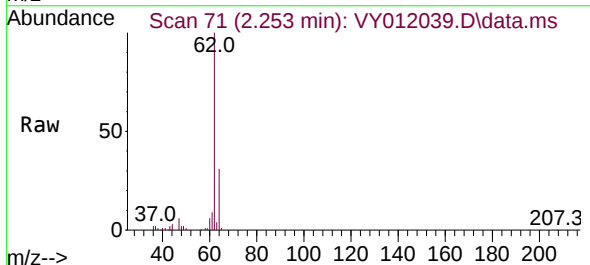
Instrument :
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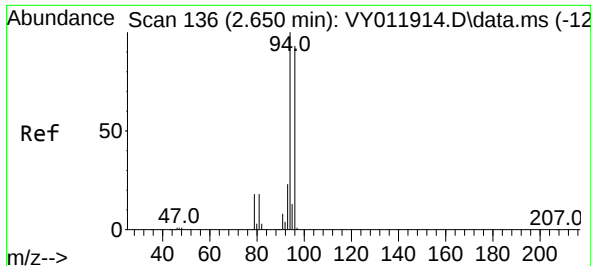
Tgt Ion: 50 Resp: 32595
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2



#4
Vinyl Chloride
Concen: 21.204 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 62 Resp: 37564
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6

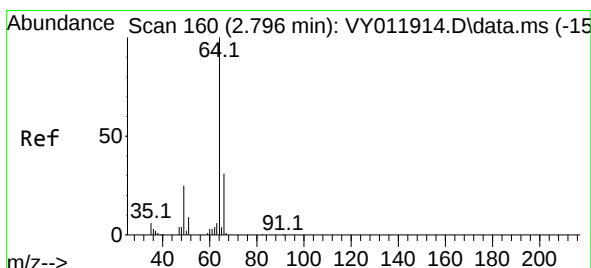
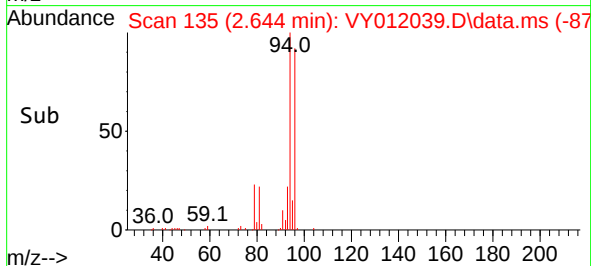
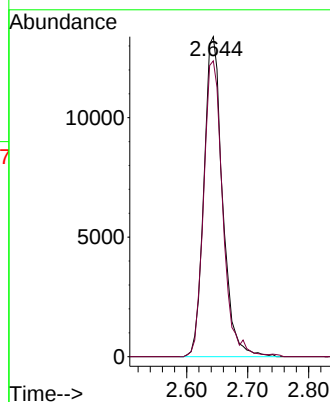
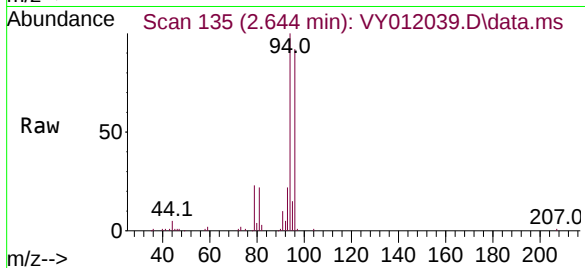




#5
Bromomethane
Concen: 22.545 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012039.D
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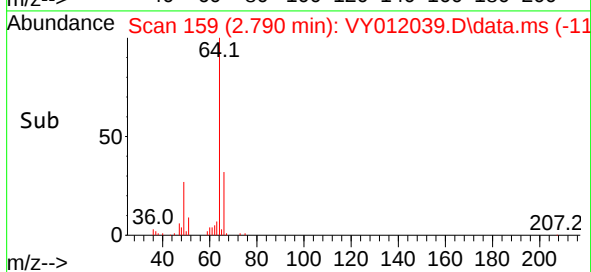
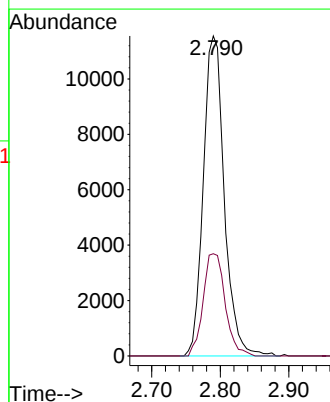
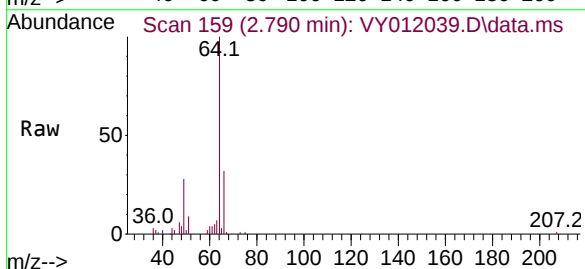
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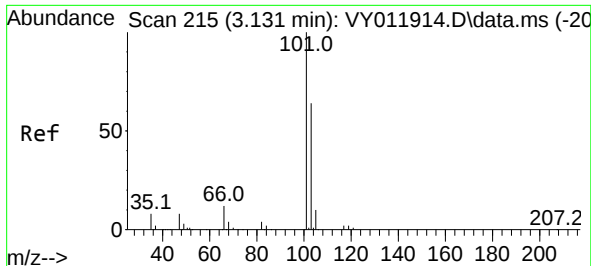
Tgt Ion: 94 Resp: 28414
Ion Ratio Lower Upper
94 100
96 92.4 77.4 116.2



#6
Chloroethane
Concen: 21.219 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012039.D
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Tgt Ion: 64 Resp: 24570
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.4

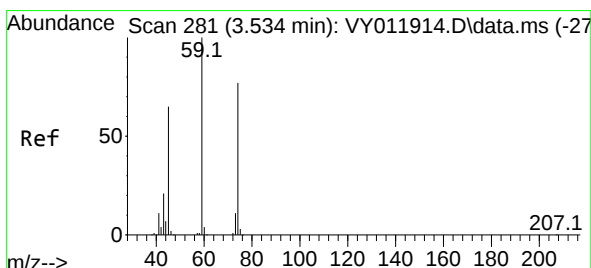
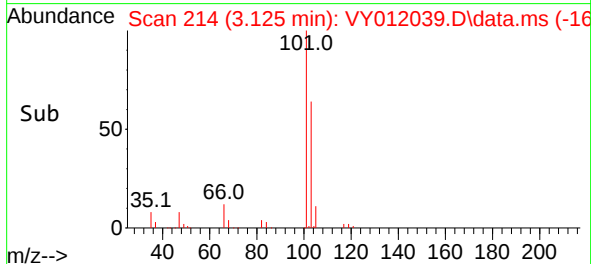
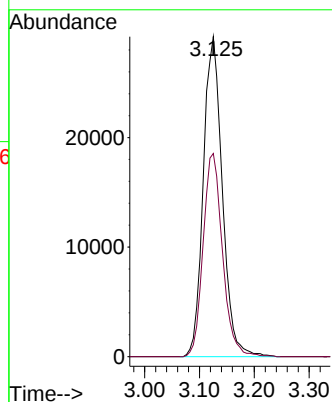
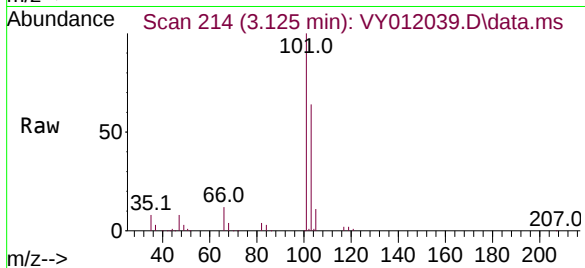




#7
Trichlorofluoromethane
Concen: 22.698 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

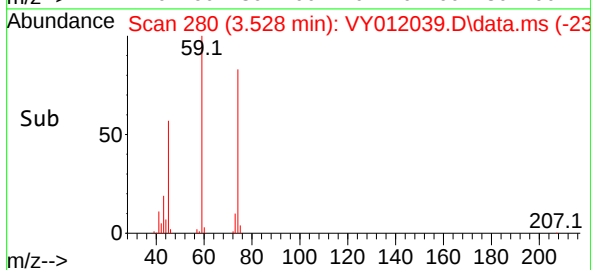
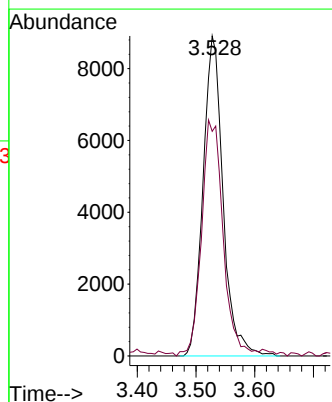
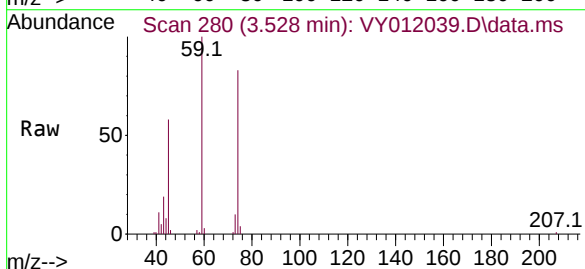
Instrument :
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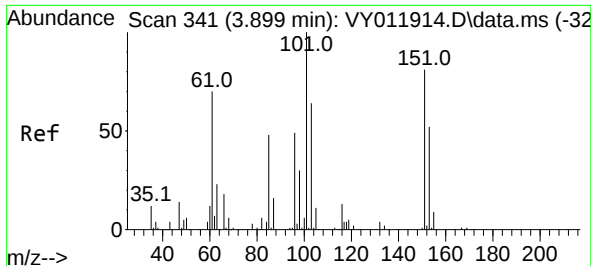
Tgt Ion:101 Resp: 70389
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.6



#8
Diethyl Ether
Concen: 22.010 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 74 Resp: 21060
Ion Ratio Lower Upper
74 100
45 79.4 46.8 140.3

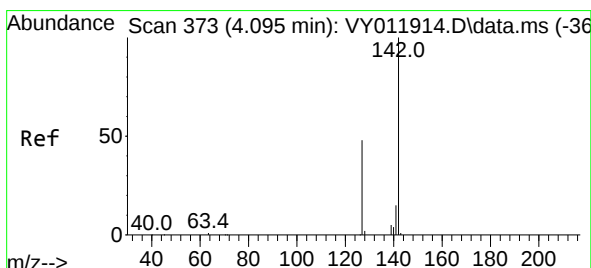
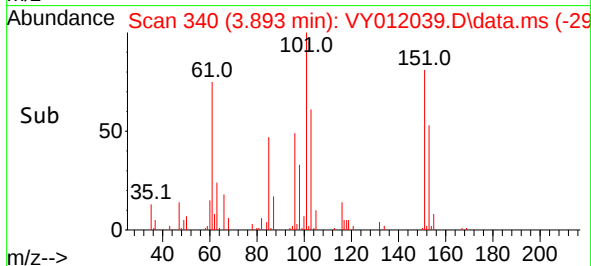
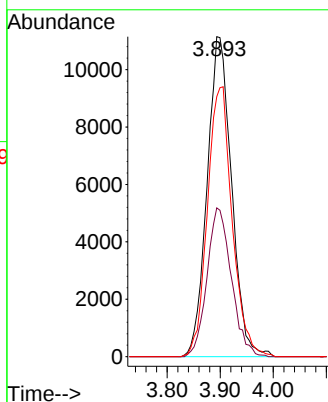
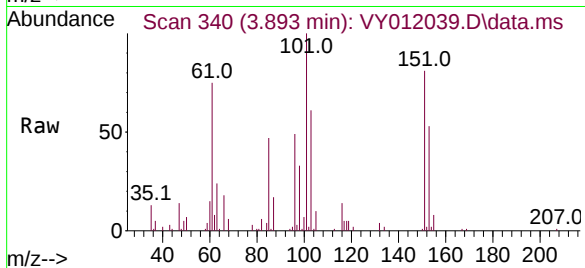




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.919 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

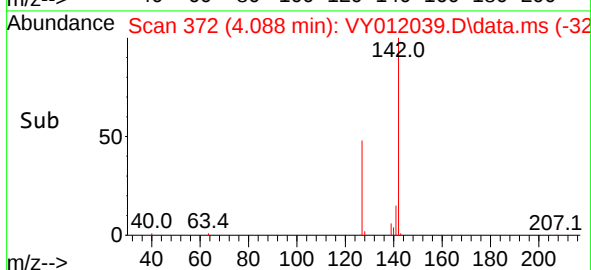
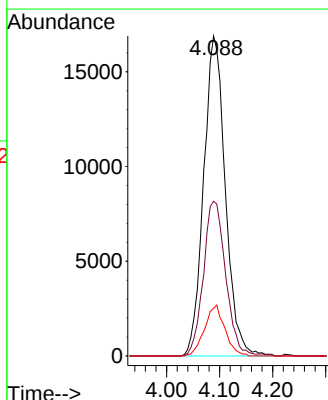
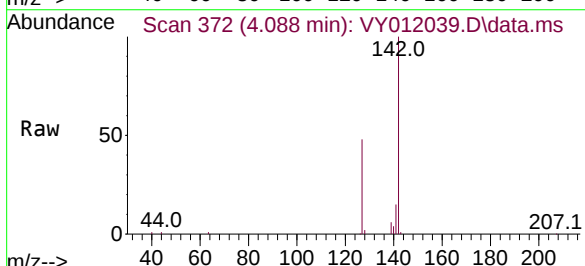
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

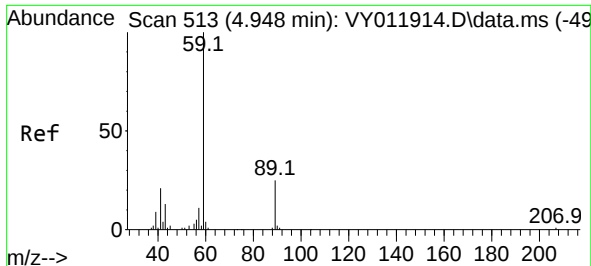
Tgt Ion:101 Resp: 35711
Ion Ratio Lower Upper
101 100
85 46.3 36.2 54.2
151 85.4 64.2 96.2



#10
Methyl Iodide
Concen: 20.329 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion:142 Resp: 48016
Ion Ratio Lower Upper
142 100
127 49.7 37.0 55.4
141 14.9 11.4 17.0

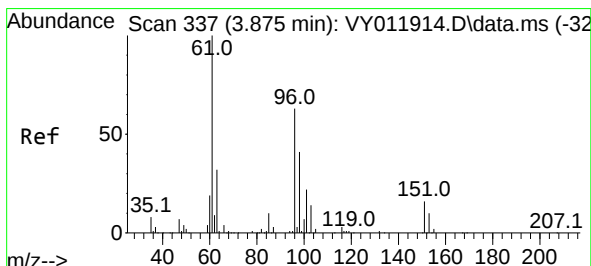
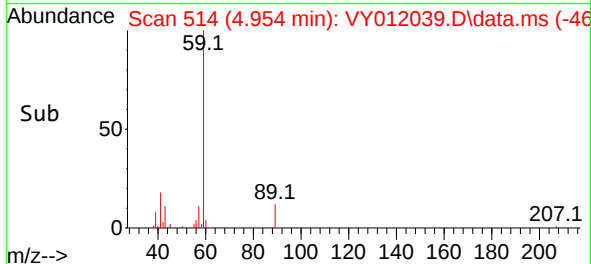
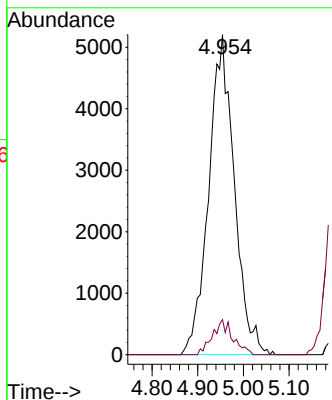
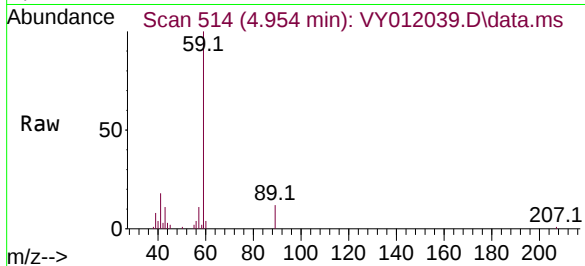




#11
Tert butyl alcohol
Concen: 91.125 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

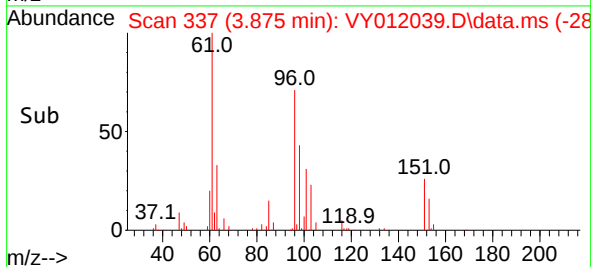
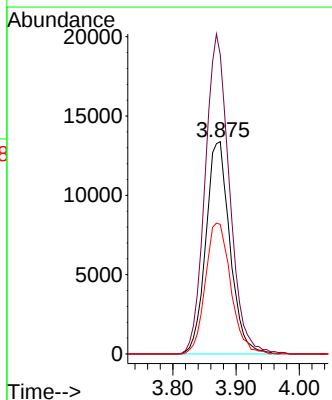
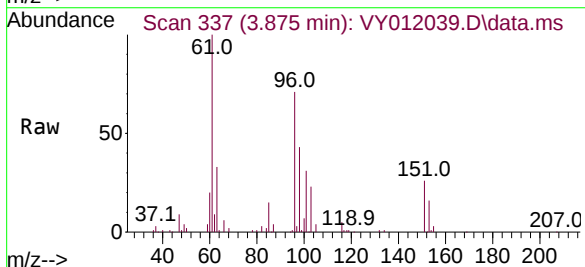
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

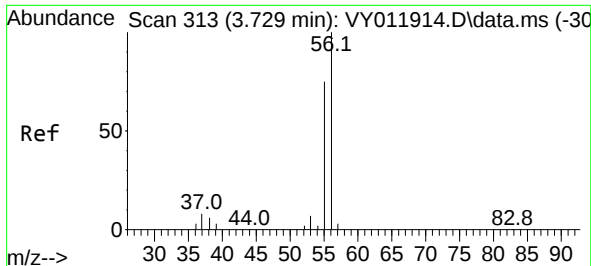
Tgt Ion: 59 Resp: 20258
Ion Ratio Lower Upper
59 100
57 8.7 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.744 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 96 Resp: 35424
Ion Ratio Lower Upper
96 100
61 140.9 122.0 183.0
98 61.0 48.6 73.0

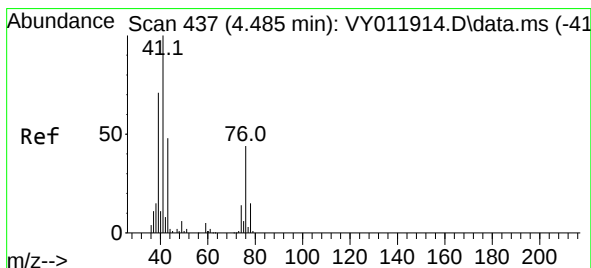
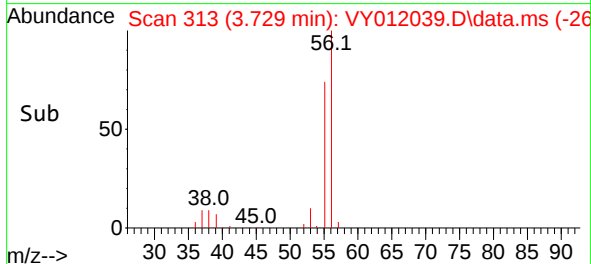
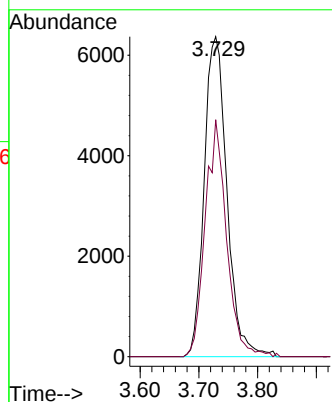
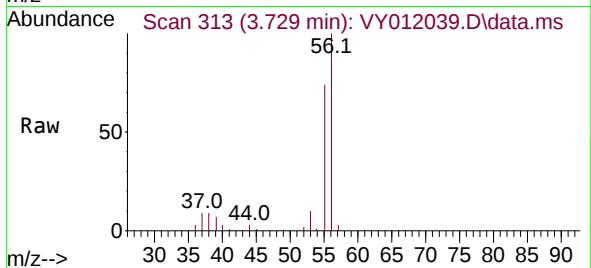




#13
Acrolein
Concen: 100.869 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

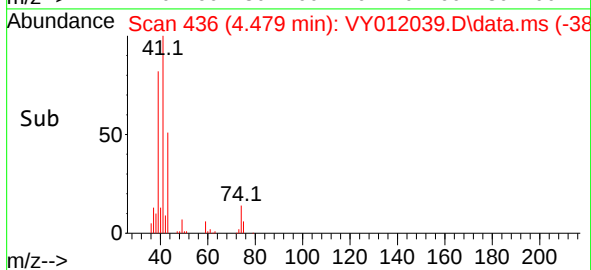
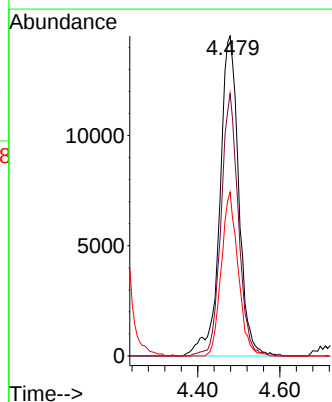
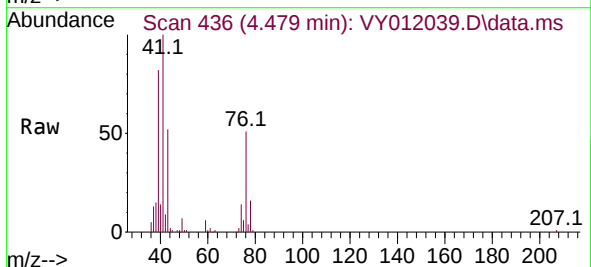
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

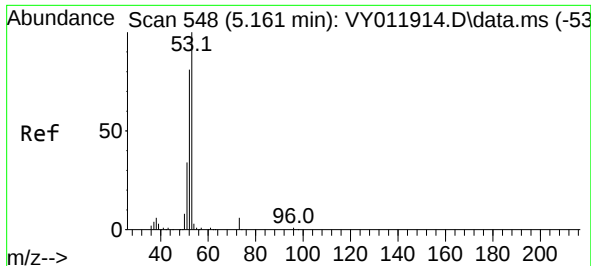
Tgt Ion: 56 Resp: 17146
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0



#14
Allyl chloride
Concen: 18.410 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 41 Resp: 46295
Ion Ratio Lower Upper
41 100
39 75.3 53.5 80.3
76 45.6 31.1 46.7

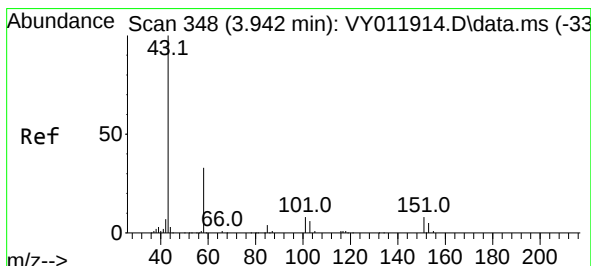
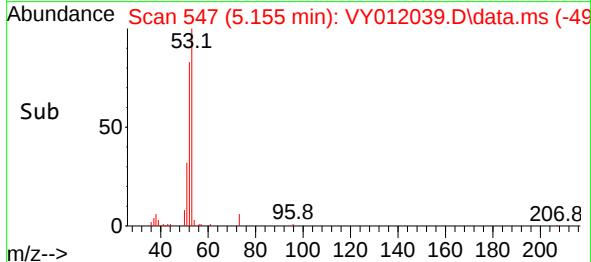
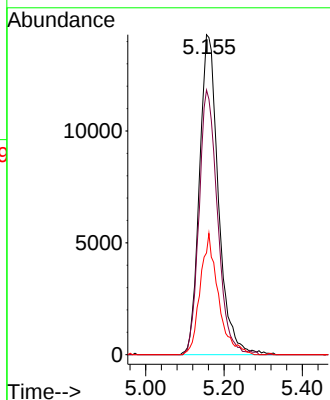
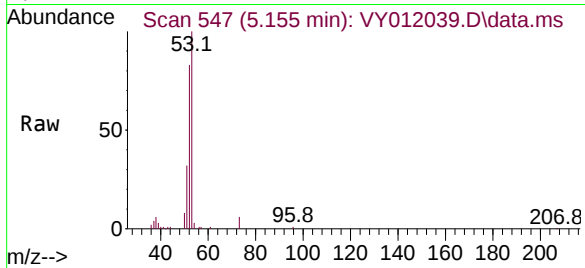




#15
Acrylonitrile
Concen: 108.060 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

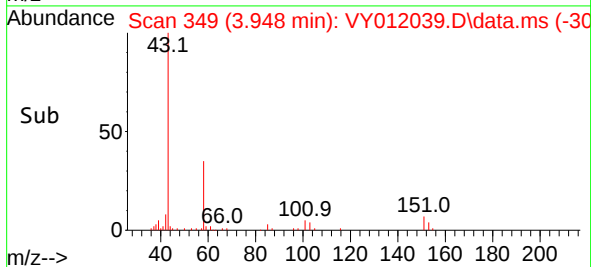
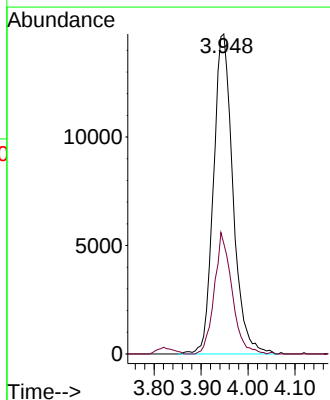
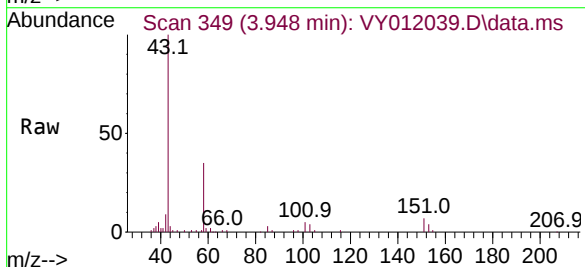
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

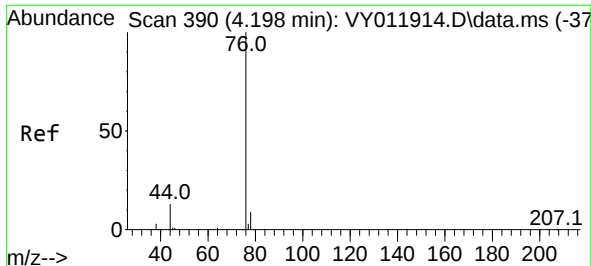
Tgt Ion: 53 Resp: 48098
Ion Ratio Lower Upper
53 100
52 80.4 65.1 97.7
51 36.3 28.7 43.1



#16
Acetone
Concen: 81.648 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 43 Resp: 42509
Ion Ratio Lower Upper
43 100
58 34.5 27.9 41.9

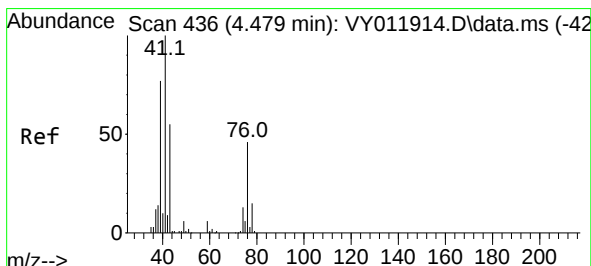
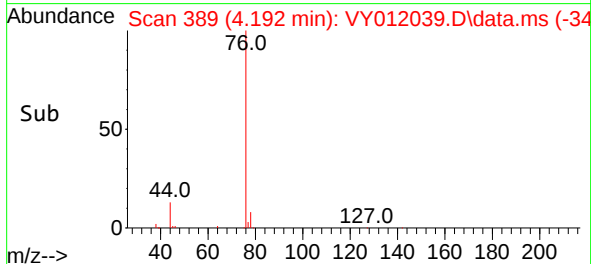
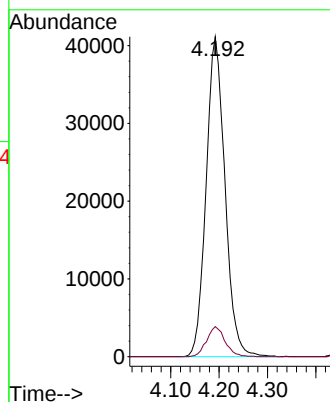
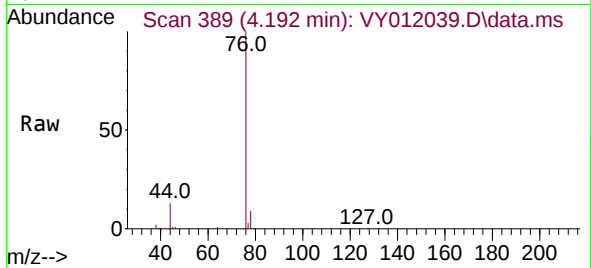




#17
Carbon Disulfide
Concen: 20.414 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

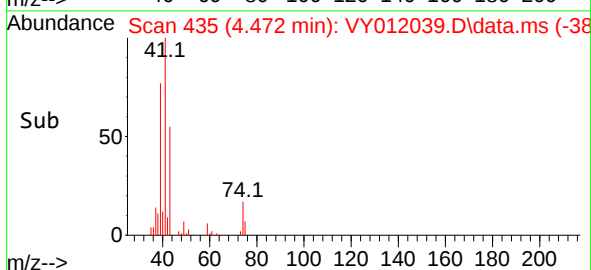
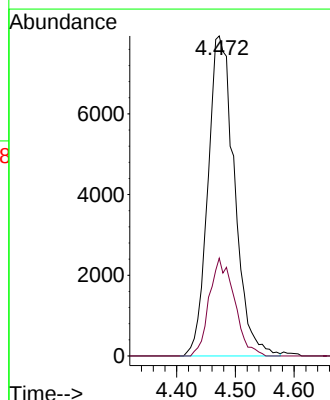
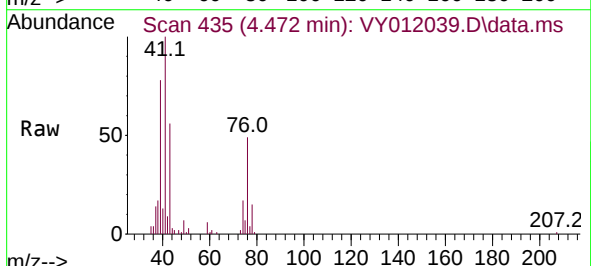
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

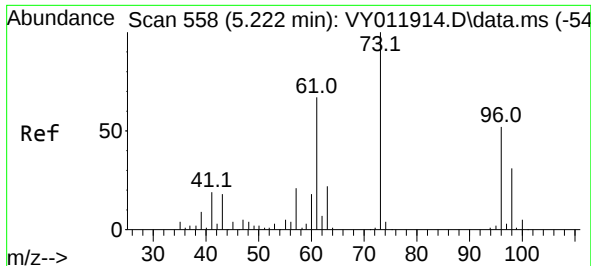
Tgt Ion: 76 Resp: 111200
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 19.812 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 43 Resp: 24894
Ion Ratio Lower Upper
43 100
74 29.0 20.1 30.1

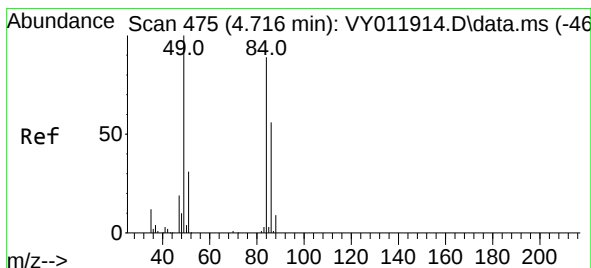
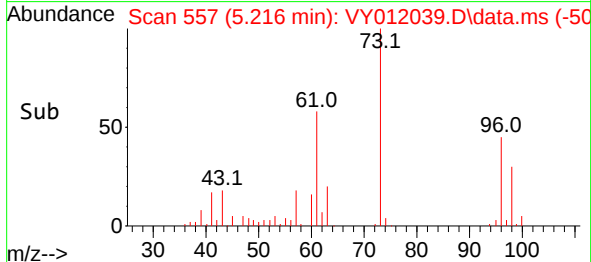
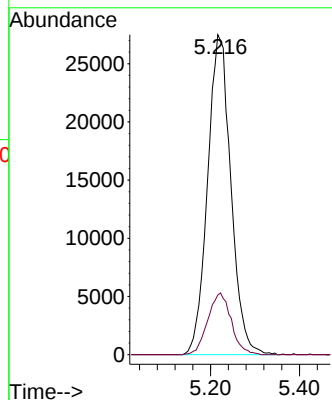
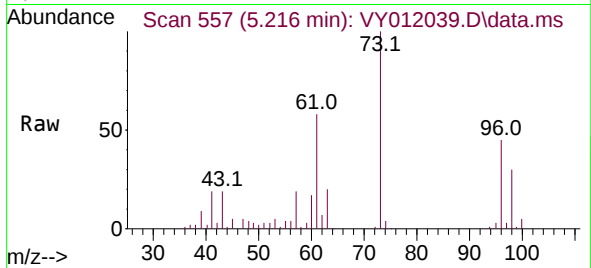




#19
Methyl tert-butyl Ether
Concen: 22.850 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

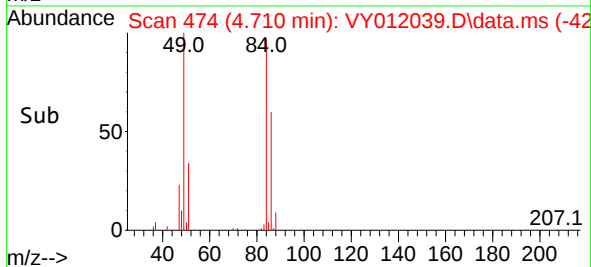
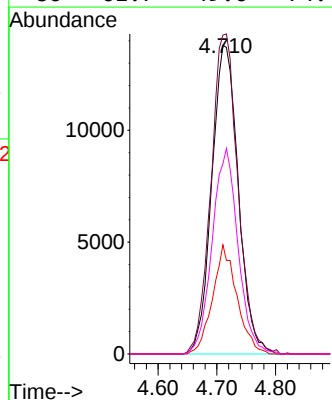
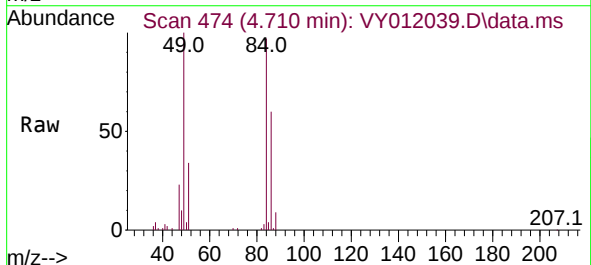
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

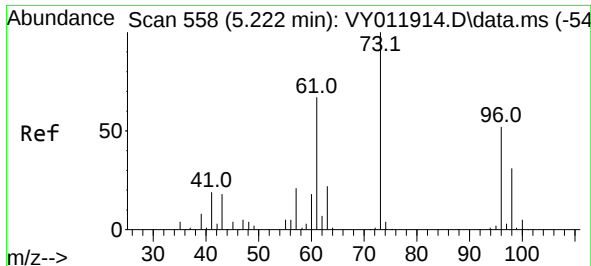
Tgt Ion: 73 Resp: 100118
Ion Ratio Lower Upper
73 100
57 18.7 17.4 26.0



#20
Methylene Chloride
Concen: 16.698 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 84 Resp: 43334
Ion Ratio Lower Upper
84 100
49 103.3 95.4 143.2
51 35.3 29.9 44.9
86 61.7 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 20.427 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

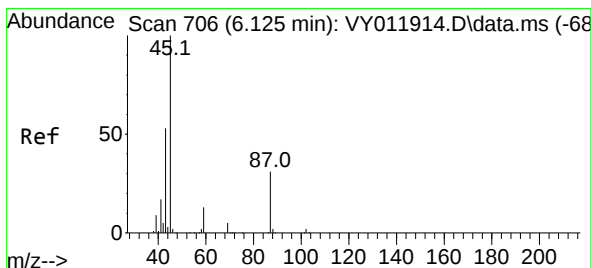
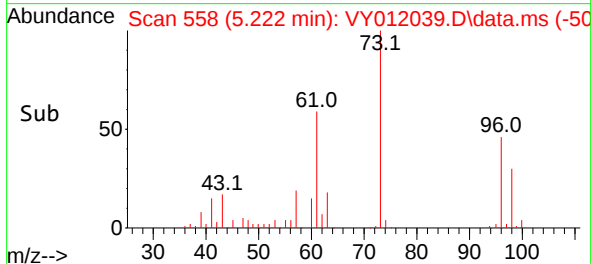
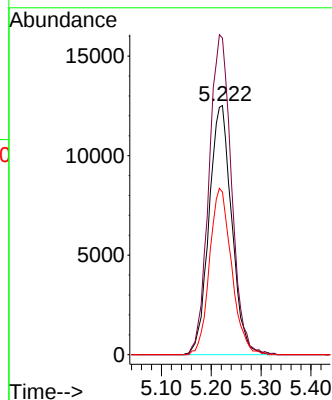
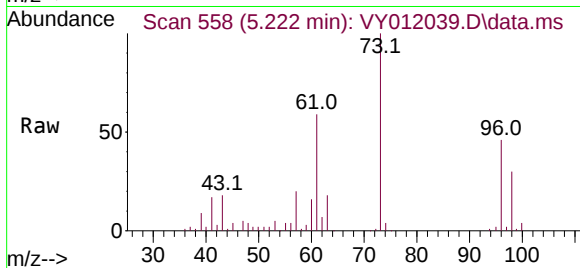
Tgt Ion: 96 Resp: 39635

Ion Ratio Lower Upper

96 100

61 127.1 108.0 162.0

98 65.3 51.6 77.4



#22

Diisopropyl ether

Concen: 19.373 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Tgt Ion: 45 Resp: 95950

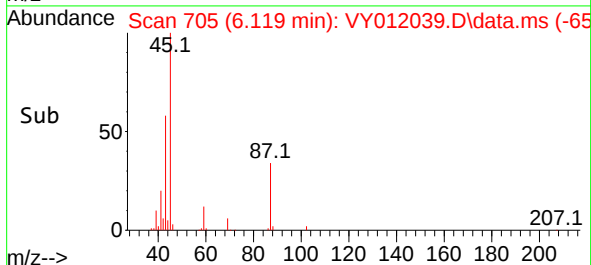
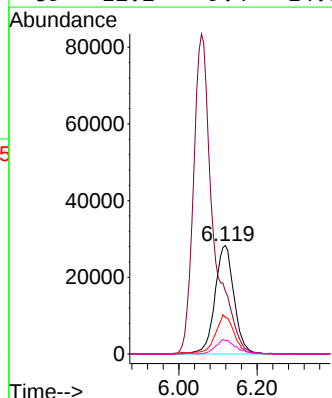
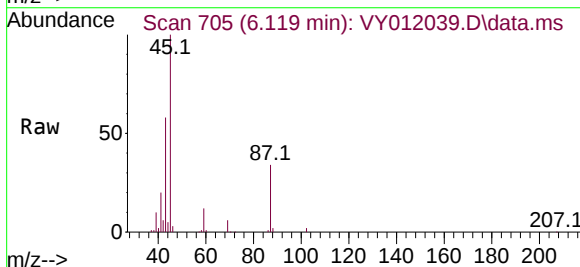
Ion Ratio Lower Upper

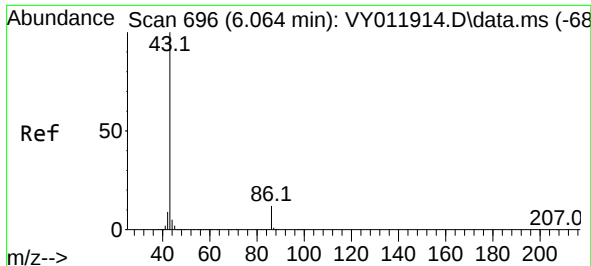
45 100

43 58.0 45.0 67.4

87 33.8 22.6 33.8

59 12.2 9.4 14.0

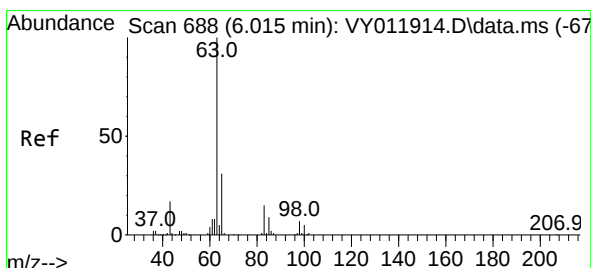
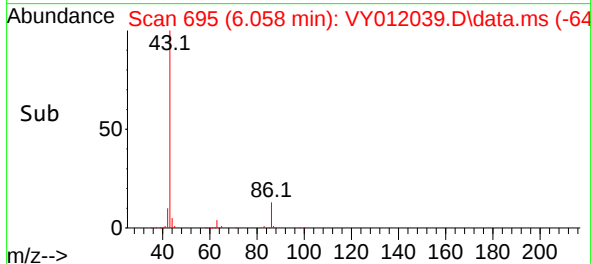
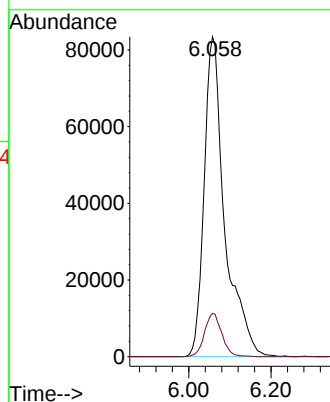
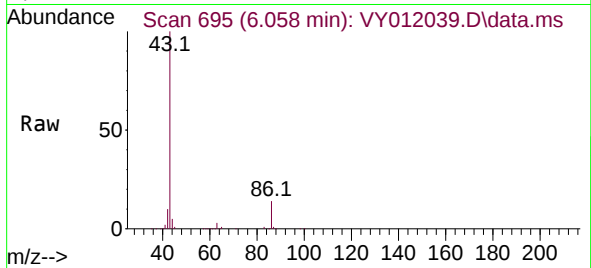




#23
 Vinyl Acetate
 Concen: 101.743 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY012039.D
 Acq: 03 Jan 2023 12:13

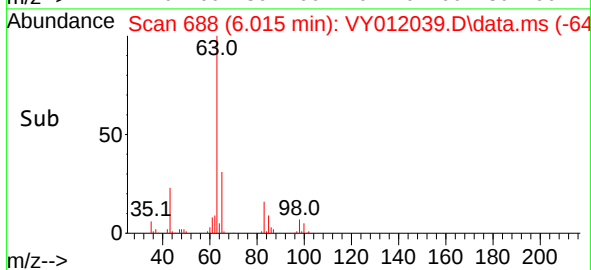
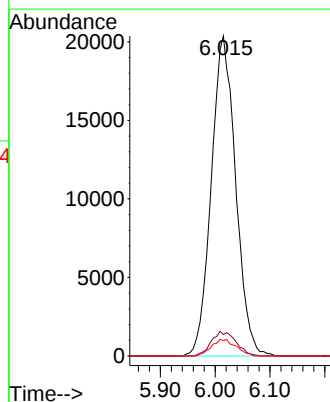
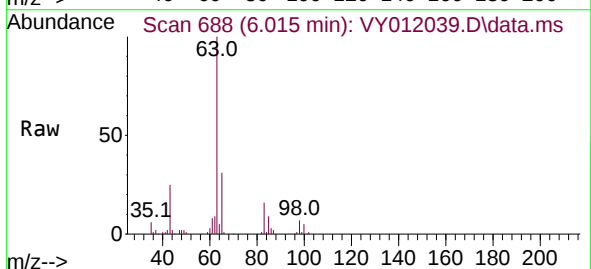
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBSD01

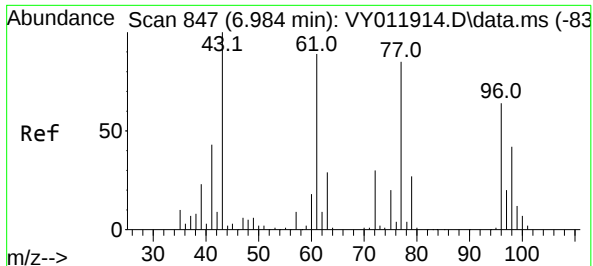
Tgt Ion: 43 Resp: 289918
 Ion Ratio Lower Upper
 43 100
 86 13.5 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 19.554 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012039.D
 Acq: 03 Jan 2023 12:13

Tgt Ion: 63 Resp: 62951
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 96.290 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

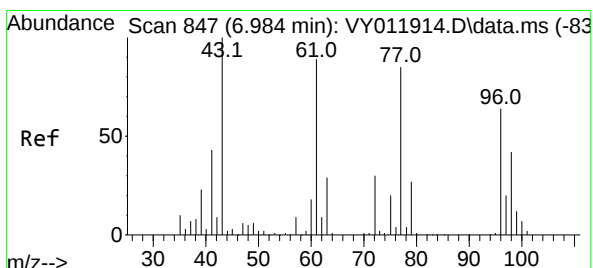
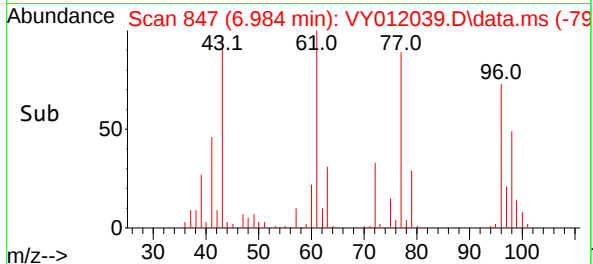
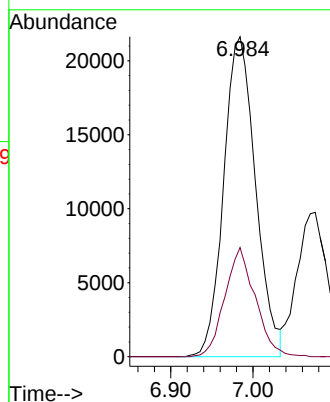
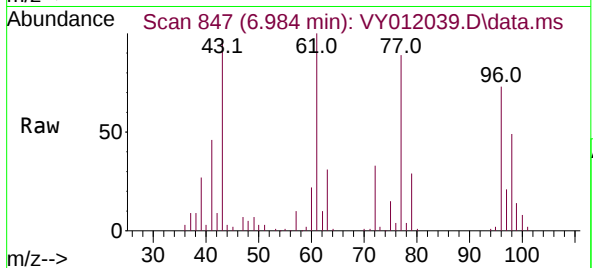
VY0103SBSD01

Tgt Ion: 43 Resp: 58325

Ion Ratio Lower Upper

43 100

72 34.1 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 20.700 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012039.D

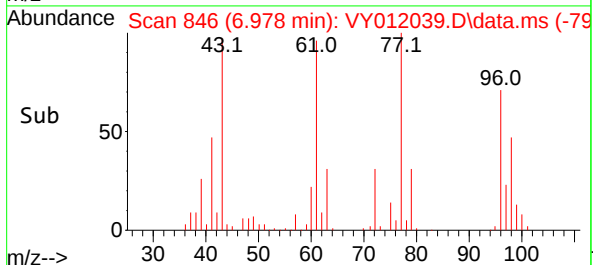
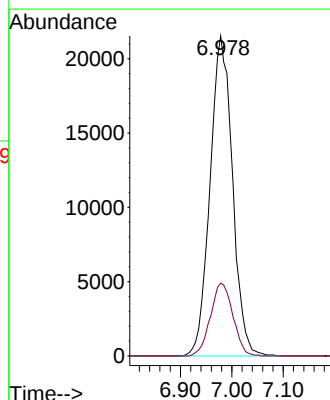
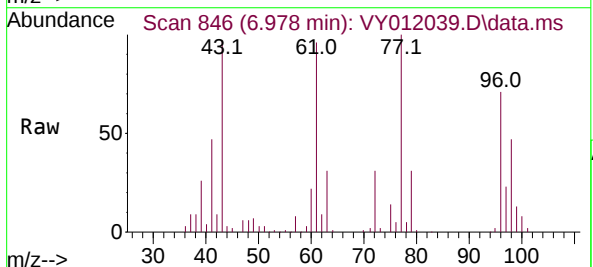
Acq: 03 Jan 2023 12:13

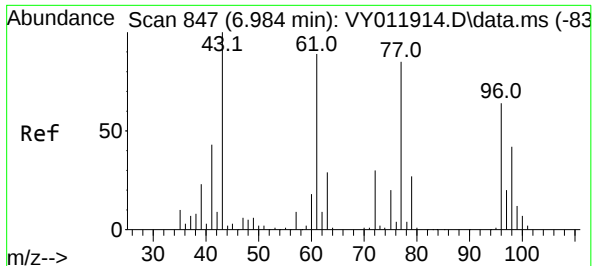
Tgt Ion: 77 Resp: 65210

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.770 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

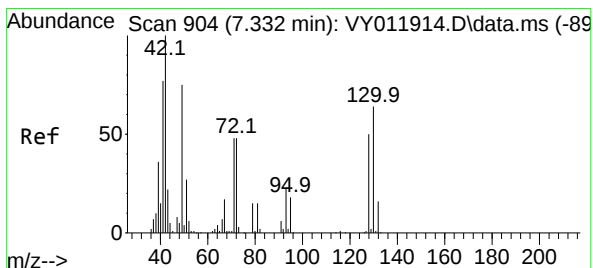
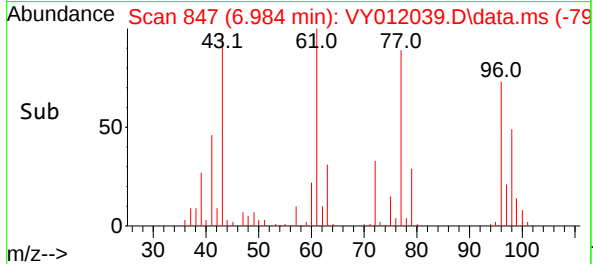
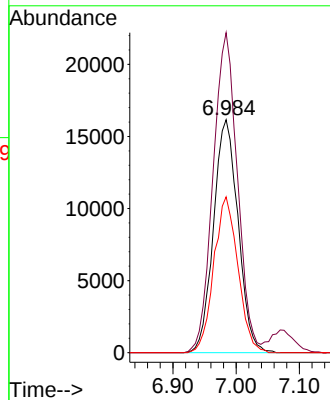
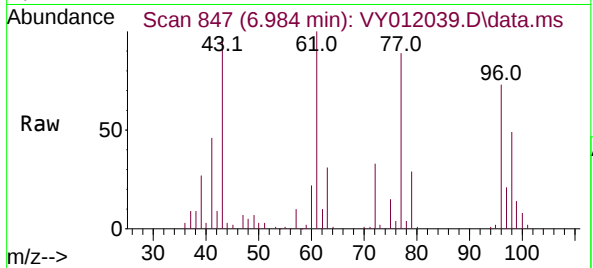
Tgt Ion: 96 Resp: 43588

Ion Ratio Lower Upper

96 100

61 136.1 0.0 283.4

98 65.5 0.0 127.6



#28

Bromochloromethane

Concen: 18.121 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

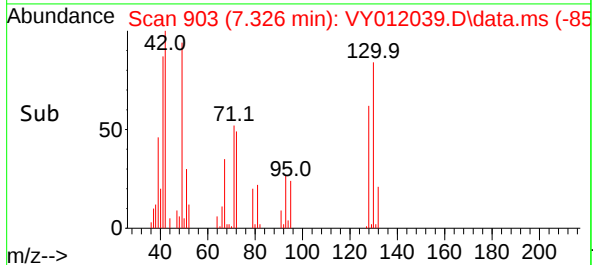
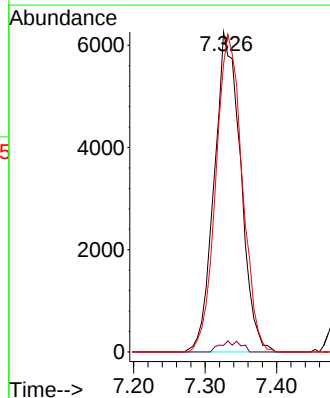
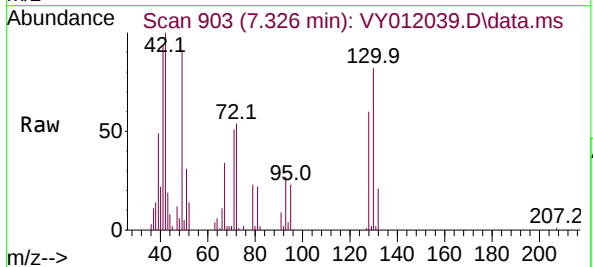
Tgt Ion: 49 Resp: 16009

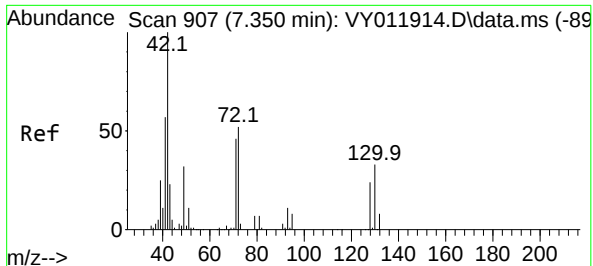
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 99.3 66.7 100.1





#29

Tetrahydrofuran

Concen: 103.952 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

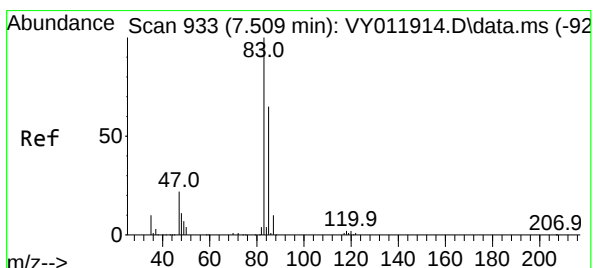
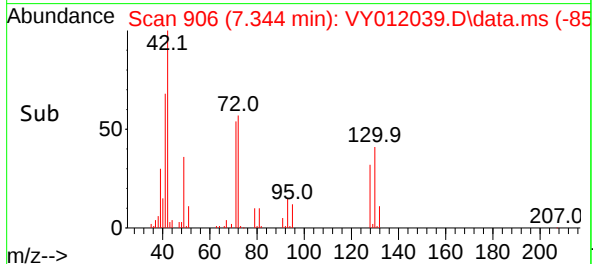
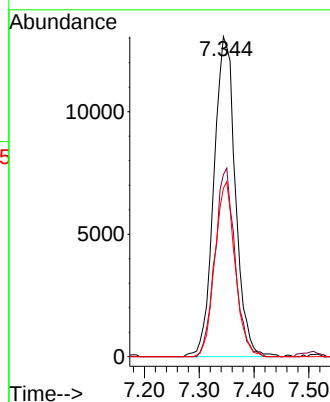
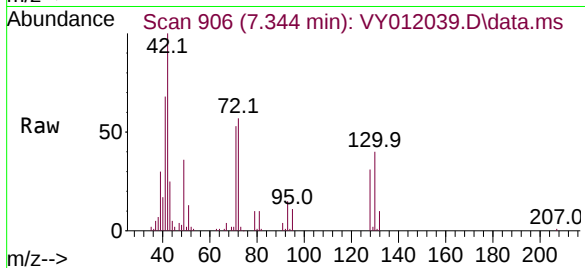
Tgt Ion: 42 Resp: 35675

Ion Ratio Lower Upper

42 100

72 54.8 37.0 55.6

71 51.3 34.9 52.3



#30

Chloroform

Concen: 20.912 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012039.D

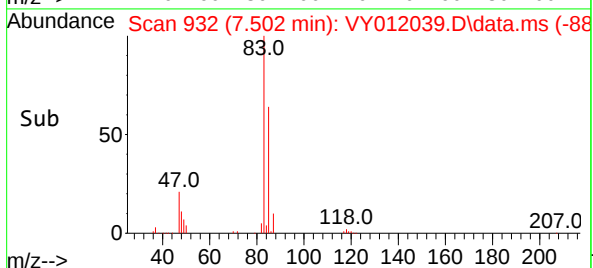
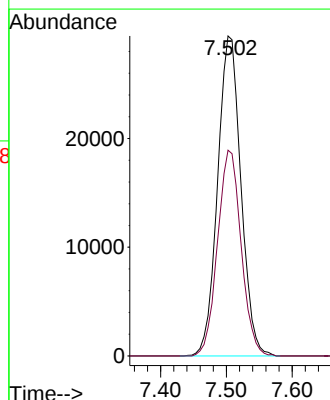
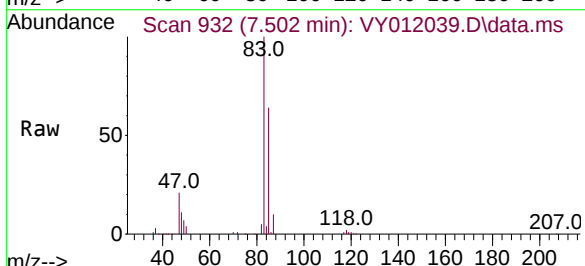
Acq: 03 Jan 2023 12:13

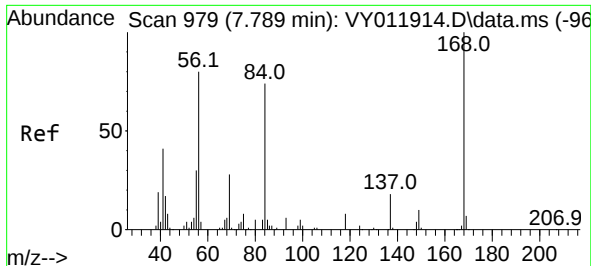
Tgt Ion: 83 Resp: 72564

Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

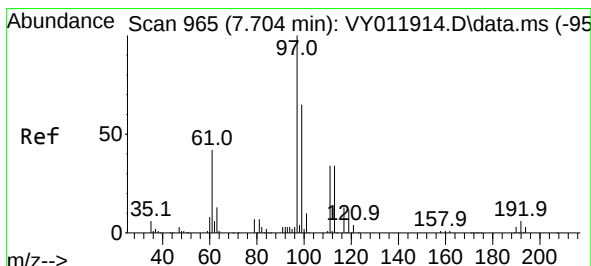
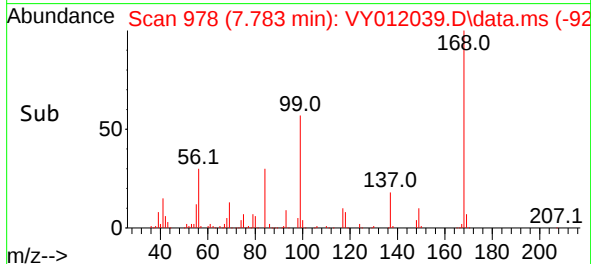
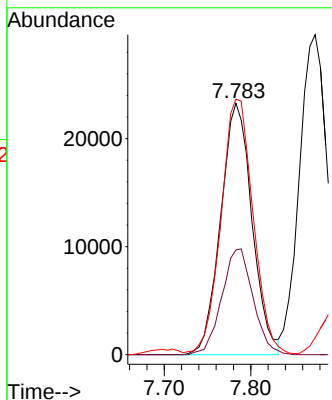
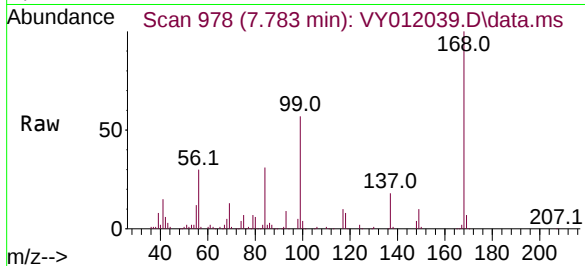




#31
Cyclohexane
Concen: 19.136 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

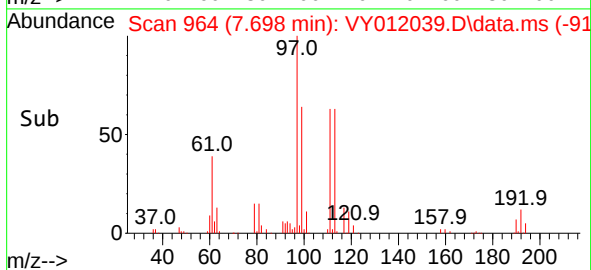
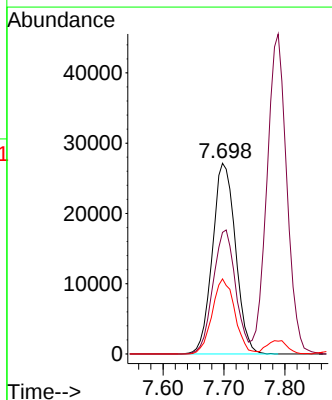
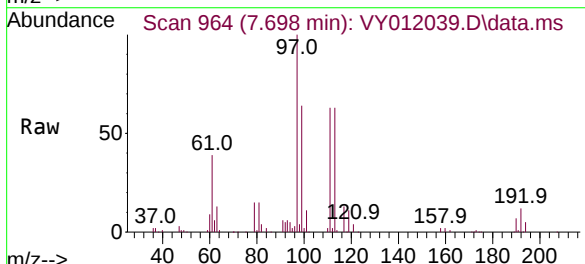
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

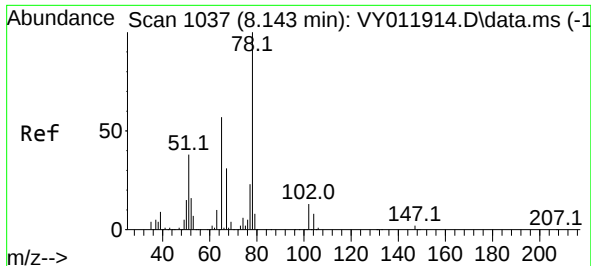
Tgt Ion: 56 Resp: 58579
Ion Ratio Lower Upper
56 100
69 41.7 29.2 43.8
84 100.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 21.652 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 97 Resp: 71463
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 38.7 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.029 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

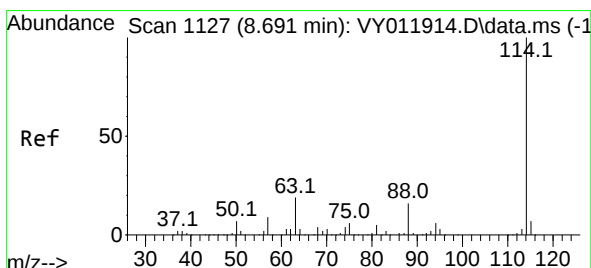
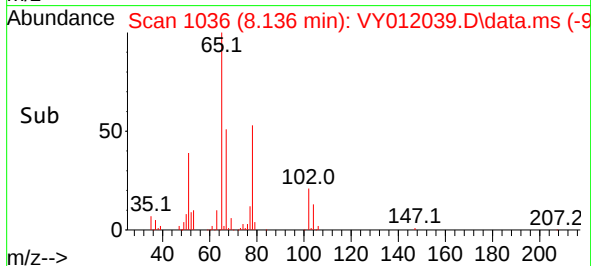
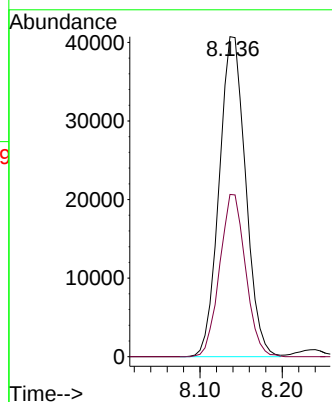
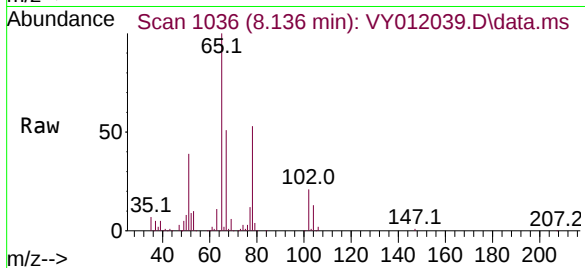
VY0103SBSD01

Tgt Ion: 65 Resp: 90972

Ion Ratio Lower Upper

65 100

67 49.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

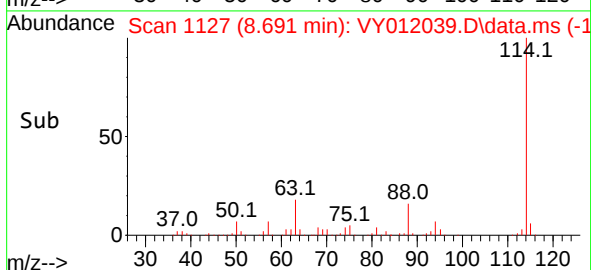
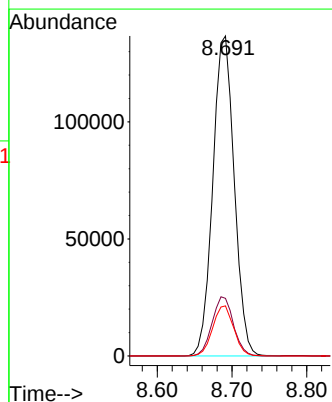
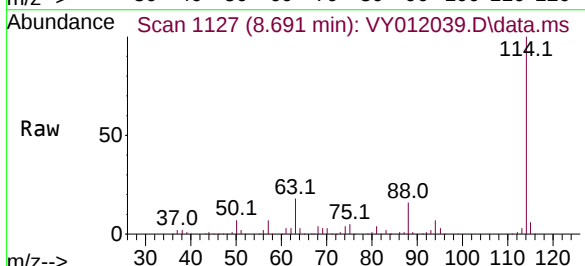
Tgt Ion:114 Resp: 272762

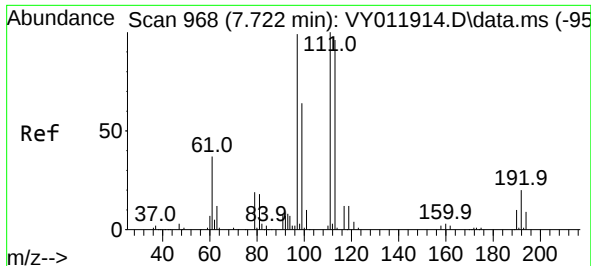
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.6 0.0 32.2

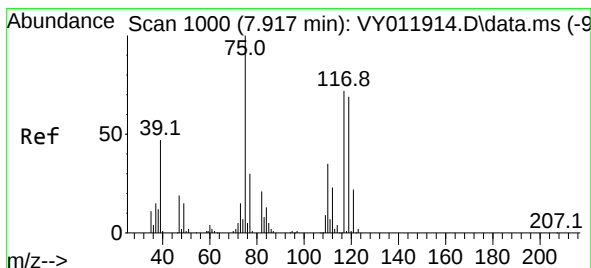
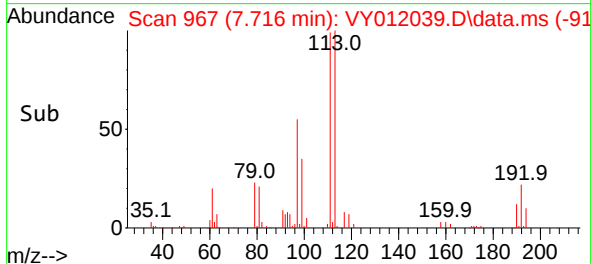
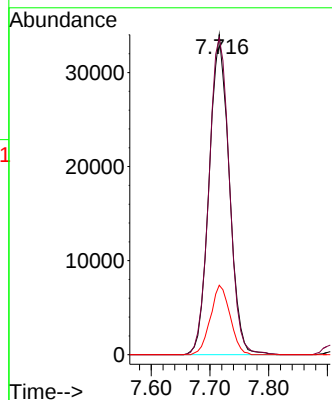
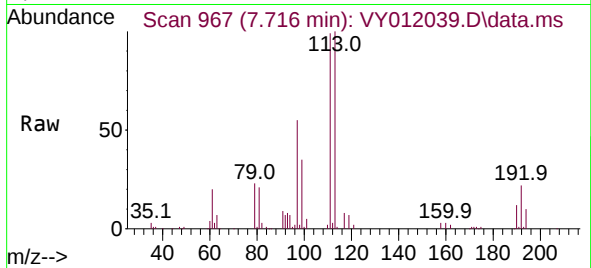




#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

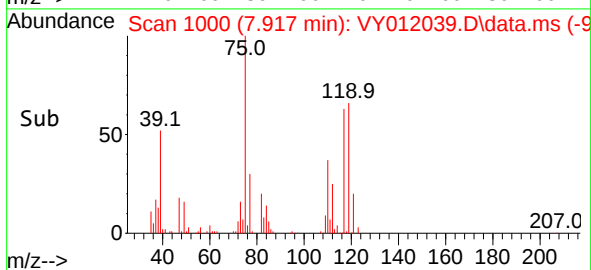
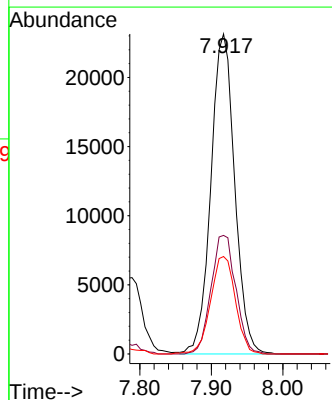
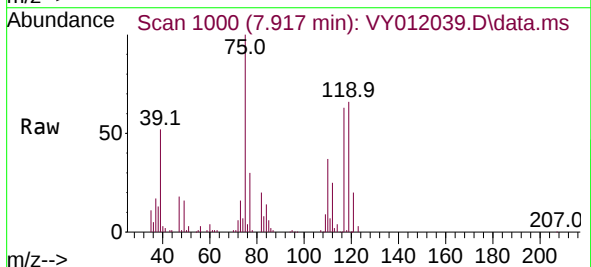
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

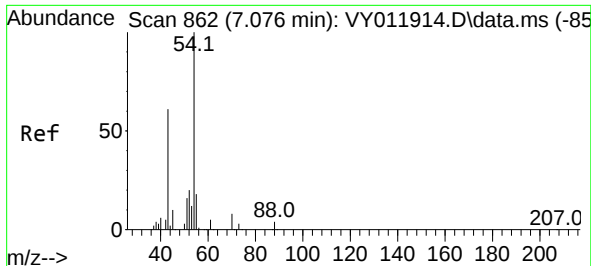
Tgt Ion:113 Resp: 80444
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 21.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.327 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 75 Resp: 53540
Ion Ratio Lower Upper
75 100
110 38.5 18.1 54.1
77 31.8 25.1 37.7





#37

Ethyl Acetate

Concen: 22.240 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

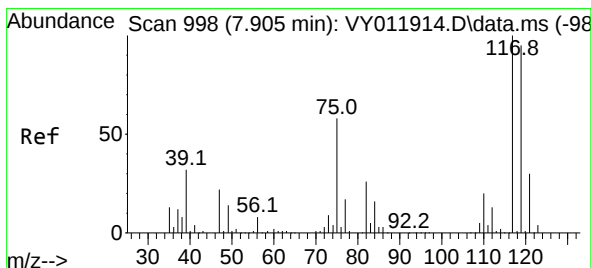
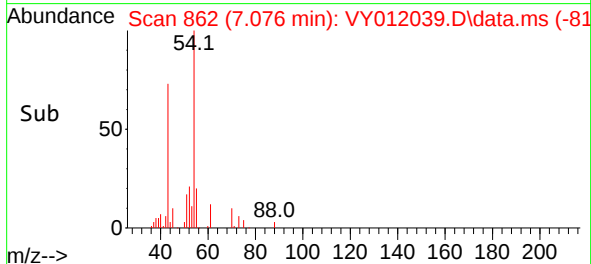
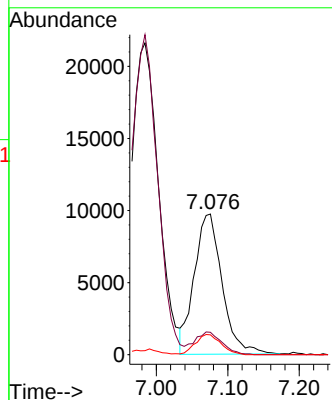
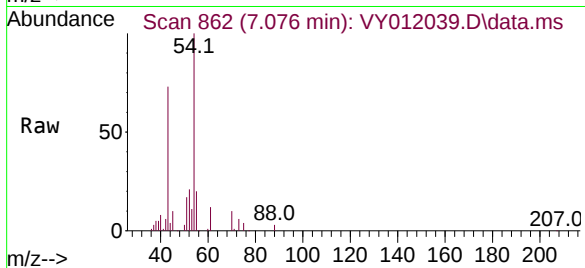
Tgt Ion: 43 Resp: 26282

Ion Ratio Lower Upper

43 100

61 15.9 11.3 16.9

70 13.2 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 22.290 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

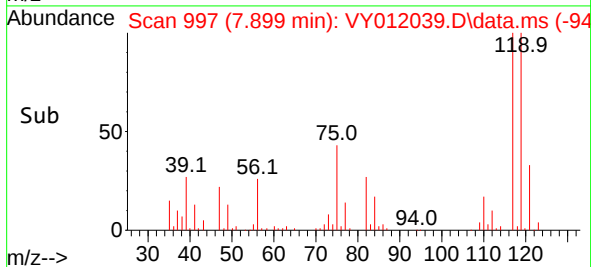
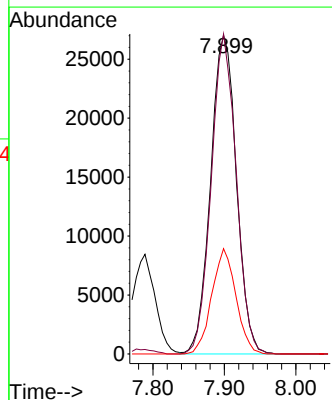
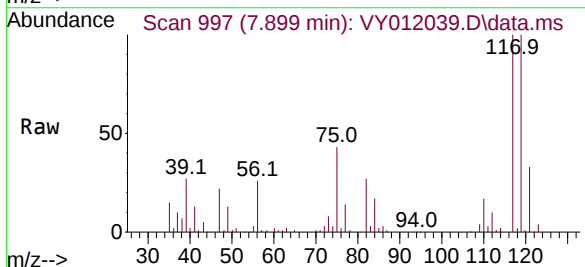
Tgt Ion: 117 Resp: 67807

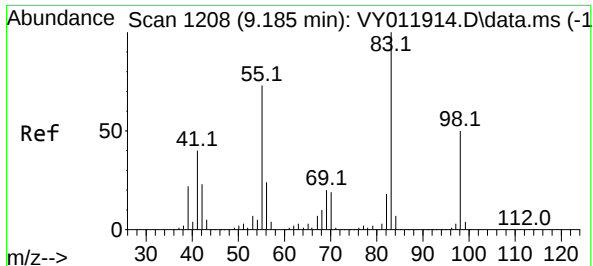
Ion Ratio Lower Upper

117 100

119 100.4 73.8 110.8

121 33.0 25.2 37.8





#39

Methylcyclohexane

Concen: 20.882 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

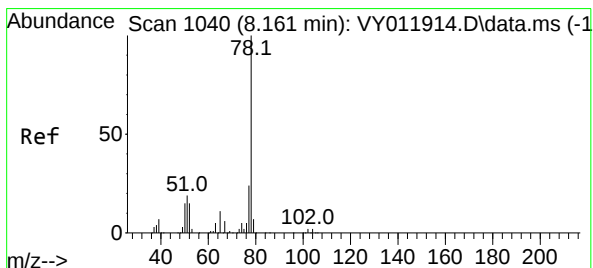
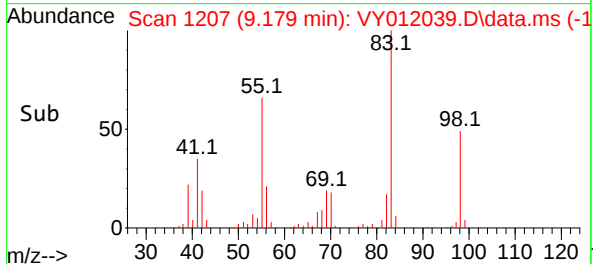
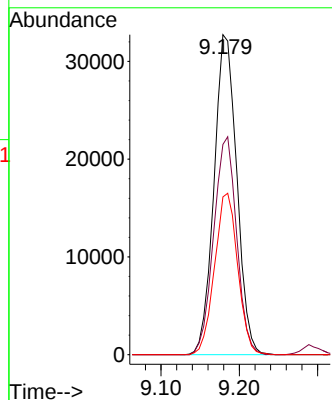
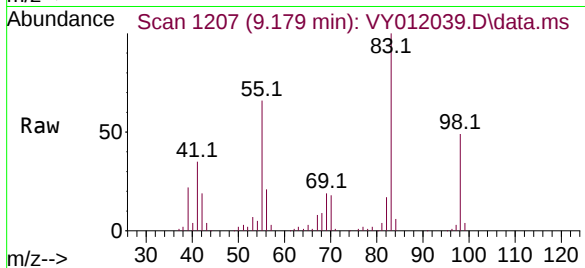
Tgt Ion: 83 Resp: 66184

Ion Ratio Lower Upper

83 100

55 65.7 58.2 87.2

98 49.3 38.6 58.0



#40

Benzene

Concen: 20.538 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012039.D

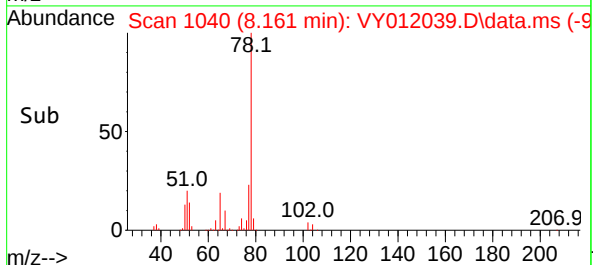
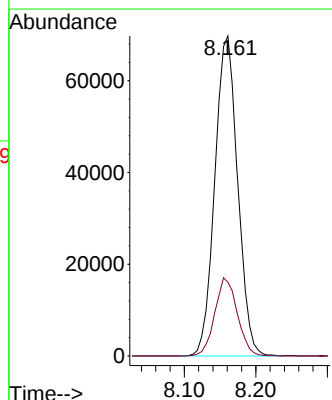
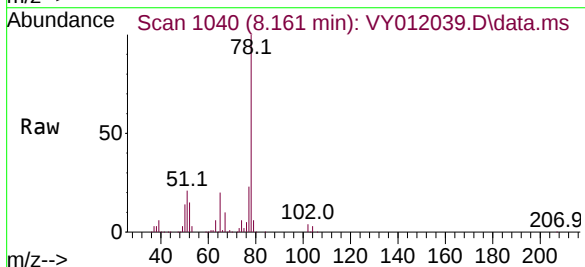
Acq: 03 Jan 2023 12:13

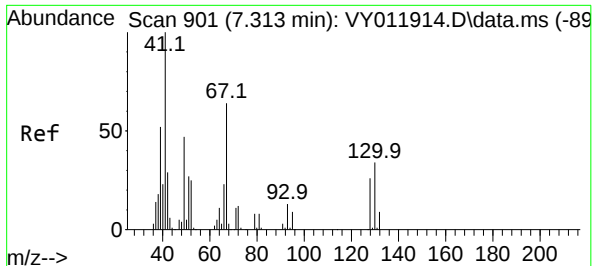
Tgt Ion: 78 Resp: 154810

Ion Ratio Lower Upper

78 100

77 23.1 18.6 27.8

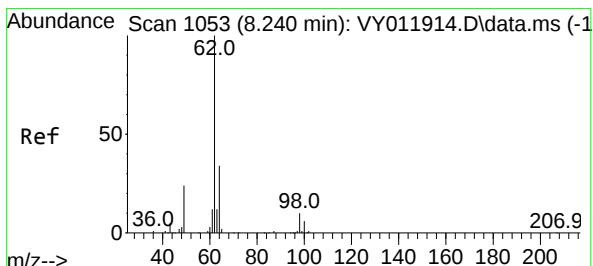
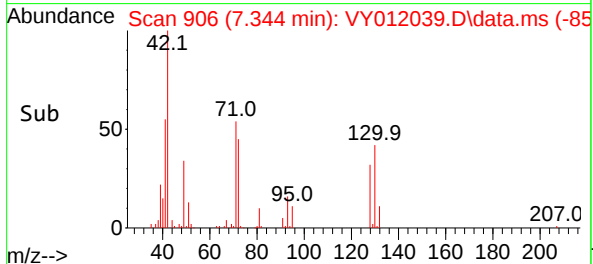
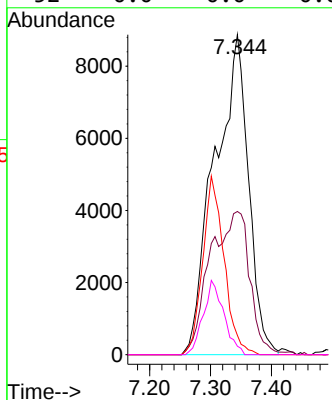
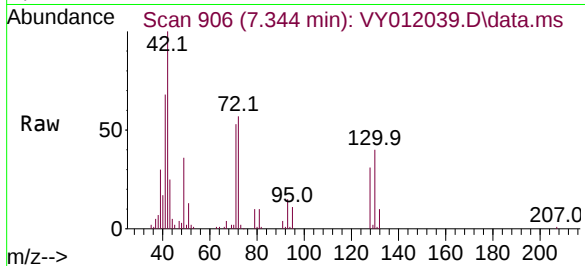




#41
Methacrylonitrile
Concen: 59.998 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

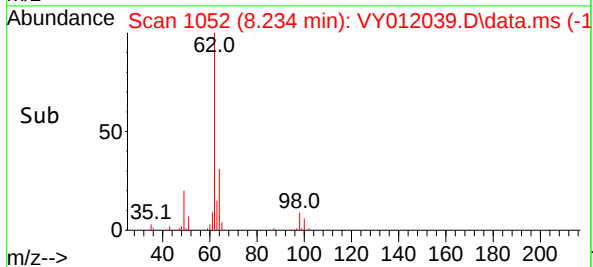
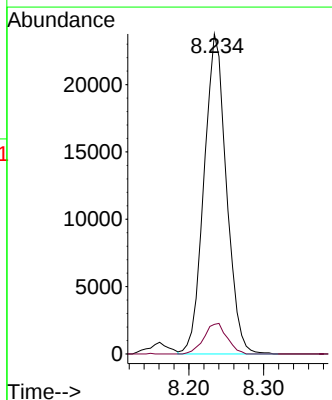
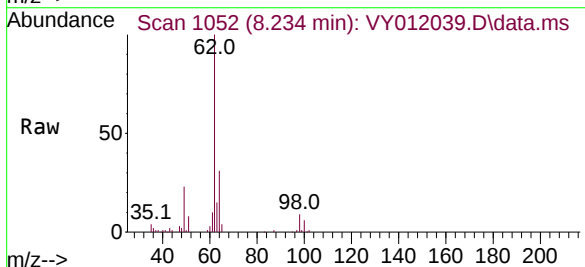
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

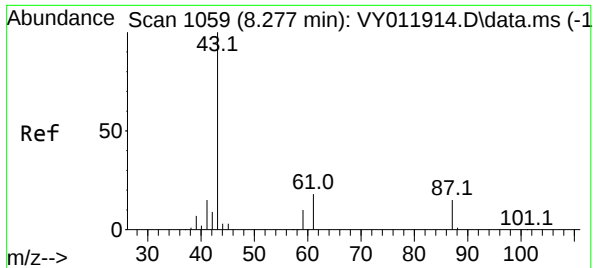
Tgt Ion:	41	Resp:	34286
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.797 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion:	62	Resp:	49469
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

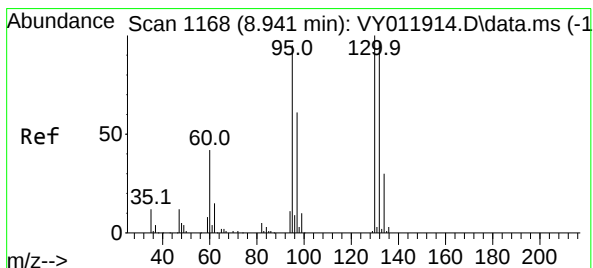
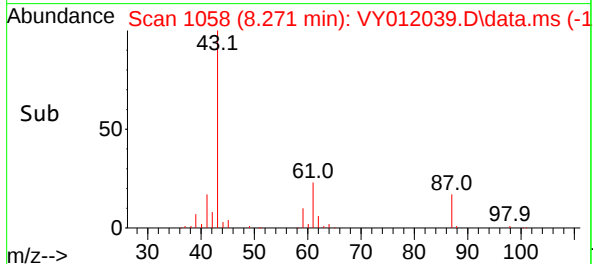
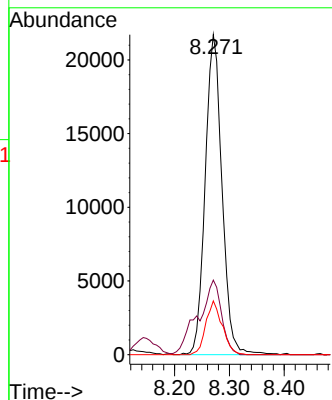
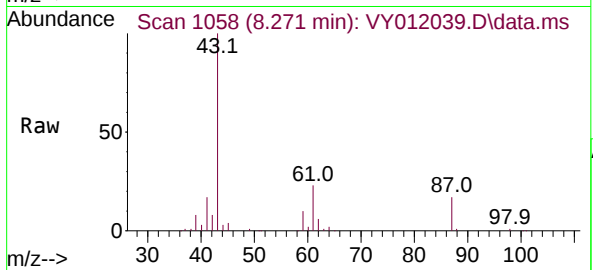




#43
Isopropyl Acetate
Concen: 21.367 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

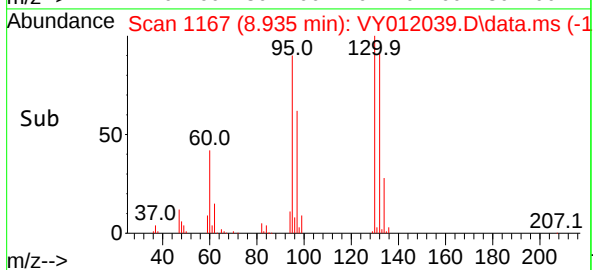
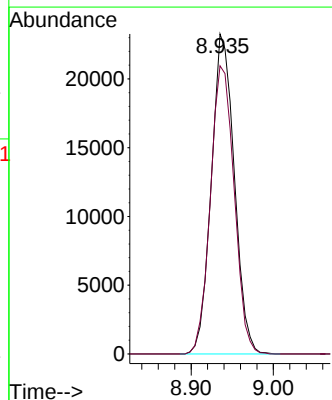
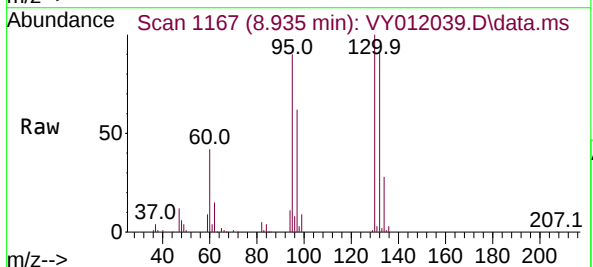
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

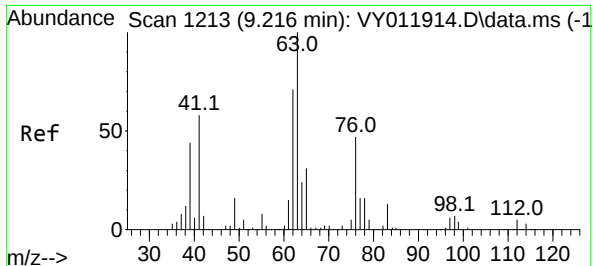
Tgt Ion: 43 Resp: 46117
Ion Ratio Lower Upper
43 100
61 32.4 24.4 36.6
87 16.4 11.4 17.2



#44
Trichloroethene
Concen: 21.268 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 130 Resp: 45187
Ion Ratio Lower Upper
130 100
95 90.0 0.0 190.6





#45

1,2-Dichloropropane

Concen: 19.209 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

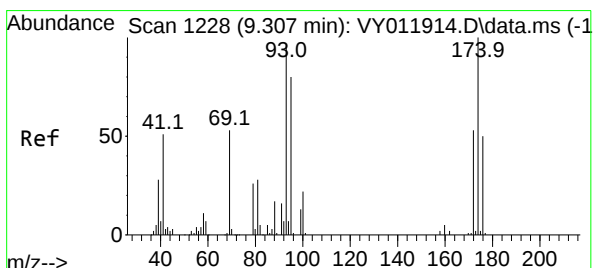
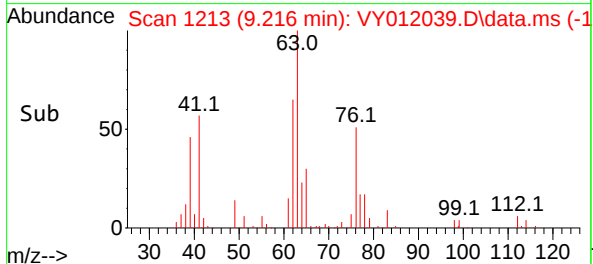
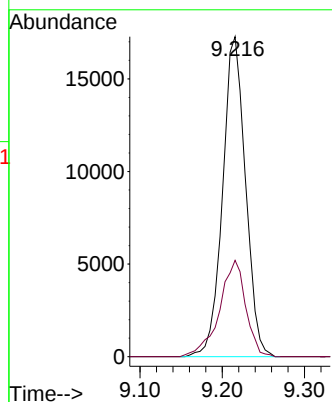
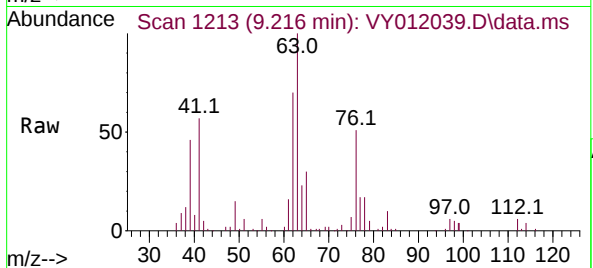
VY0103SBSD01

Tgt Ion: 63 Resp: 33455

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3



#46

Dibromomethane

Concen: 22.157 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

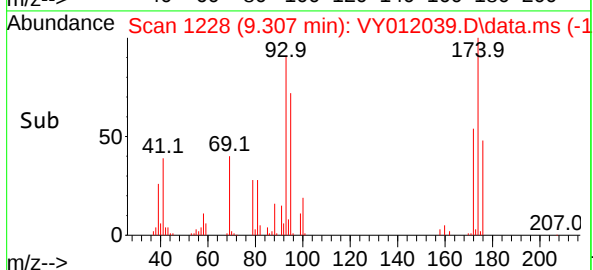
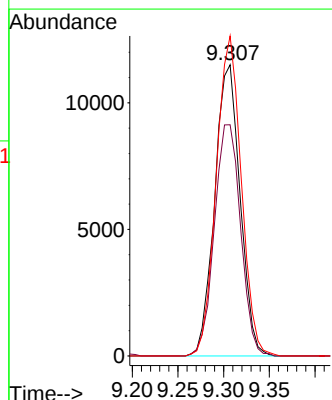
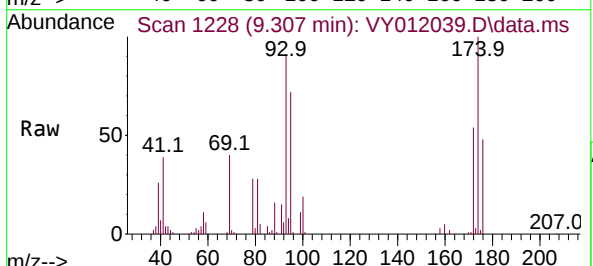
Tgt Ion: 93 Resp: 22228

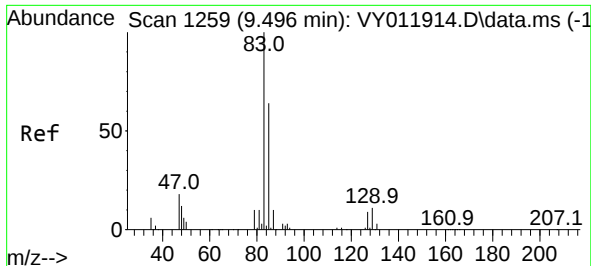
Ion Ratio Lower Upper

93 100

95 82.0 66.1 99.1

174 108.5 84.7 127.1

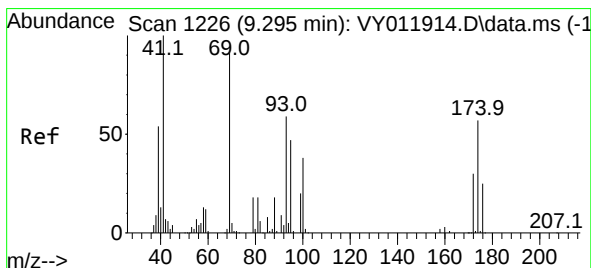
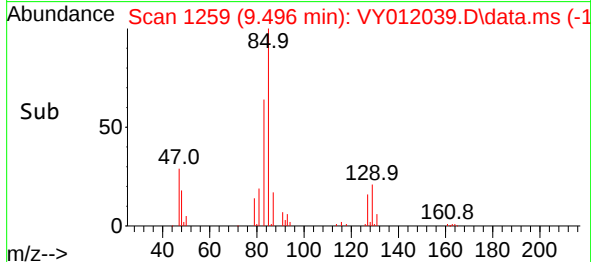
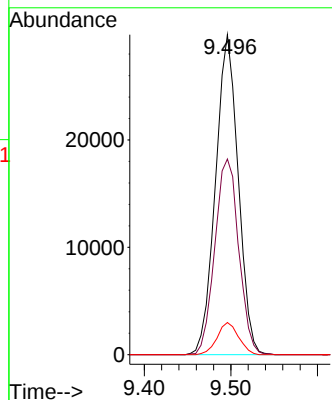
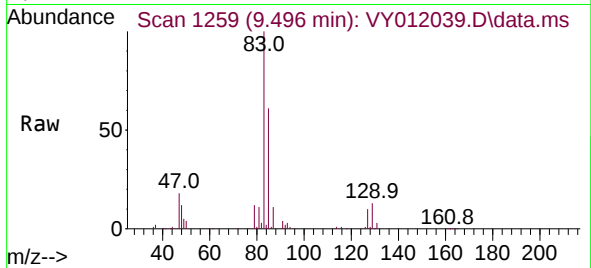




#47
Bromodichloromethane
Concen: 21.315 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

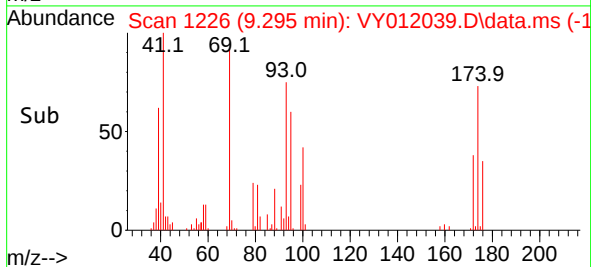
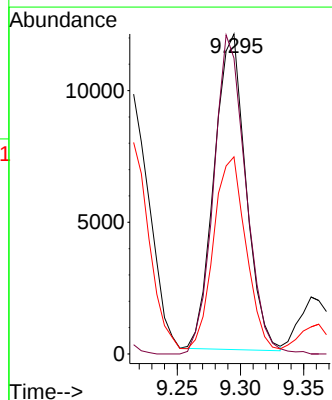
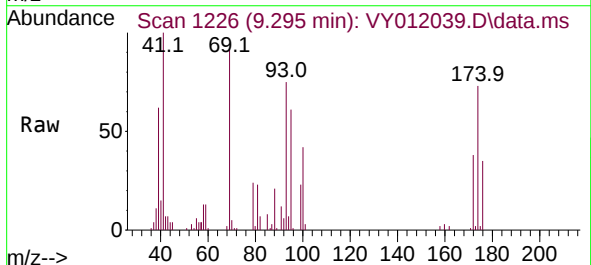
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

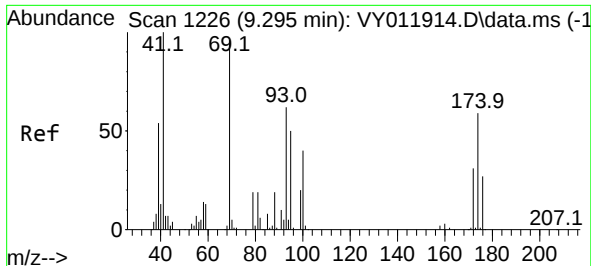
Tgt Ion: 83 Resp: 54251
Ion Ratio Lower Upper
83 100
85 61.2 52.0 78.0
127 10.0 7.3 10.9



#48
Methyl methacrylate
Concen: 20.909 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 41 Resp: 20894
Ion Ratio Lower Upper
41 100
69 101.9 74.2 111.2
39 62.2 46.3 69.5





#49

1,4-Dioxane

Concen: 519.463 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

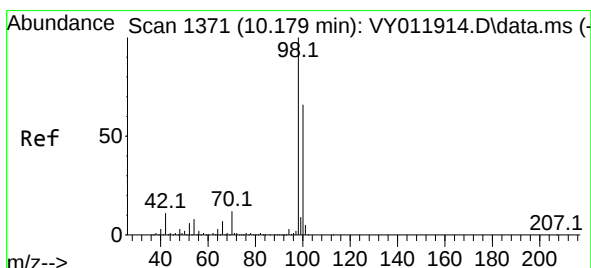
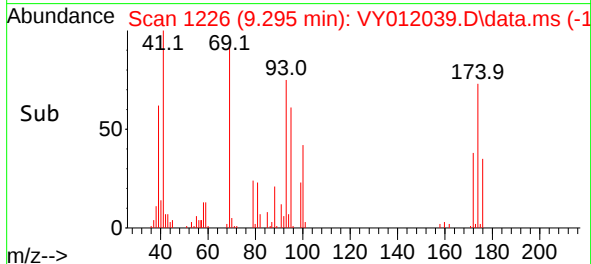
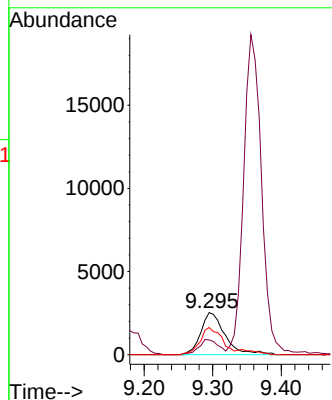
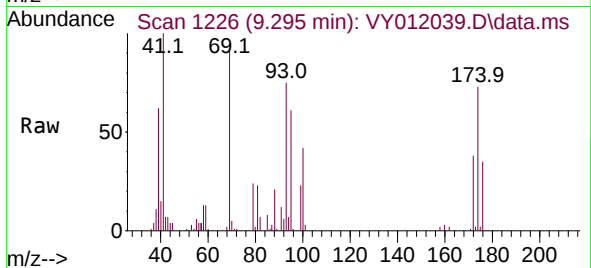
Tgt Ion: 88 Resp: 6222

Ion Ratio Lower Upper

88 100

43 29.6 26.2 39.2

58 59.7 54.3 81.5



#50

Toluene-d8

Concen: 46.481 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012039.D

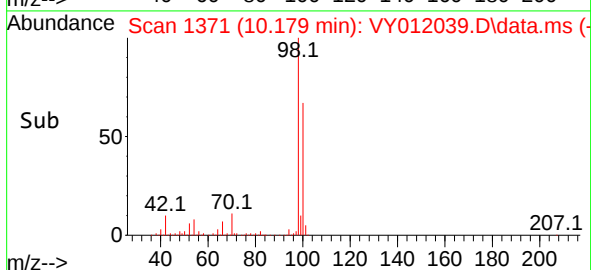
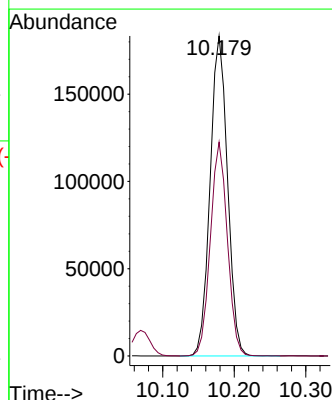
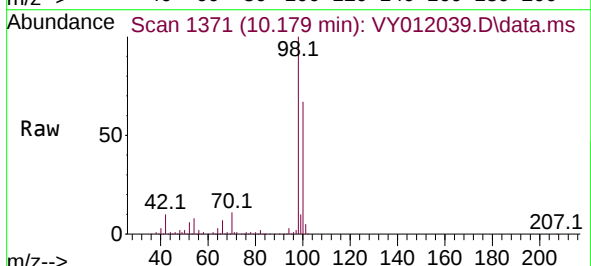
Acq: 03 Jan 2023 12:13

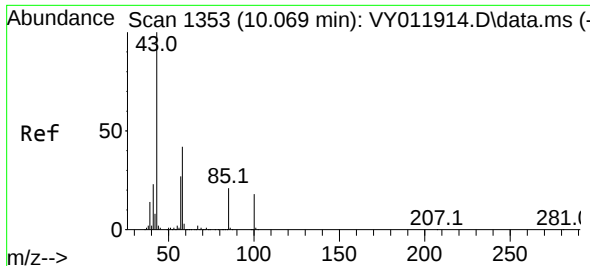
Tgt Ion: 98 Resp: 309674

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

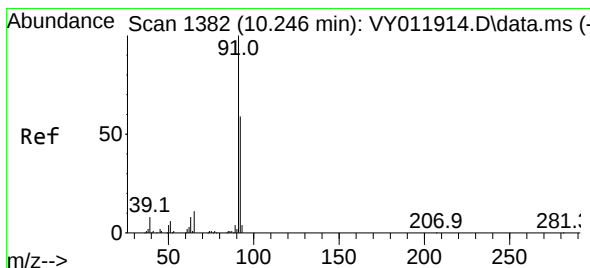
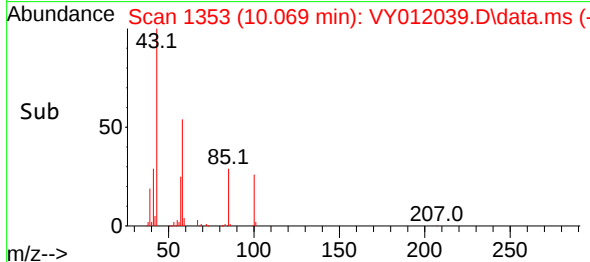
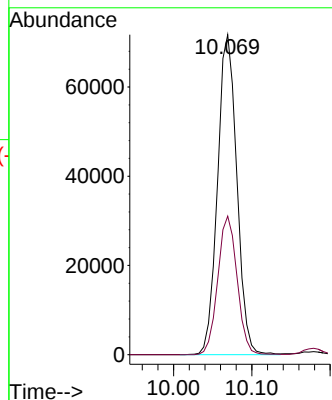
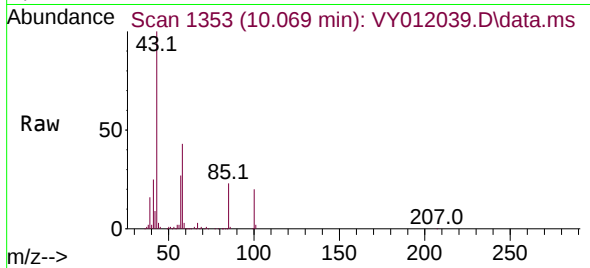




#51
4-Methyl-2-Pentanone
Concen: 106.900 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

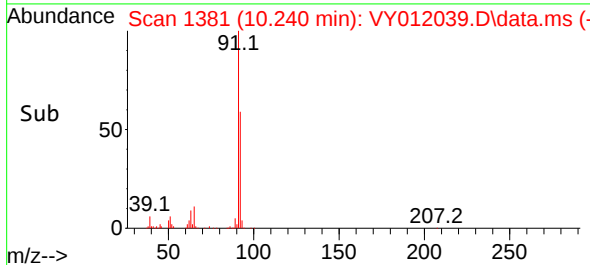
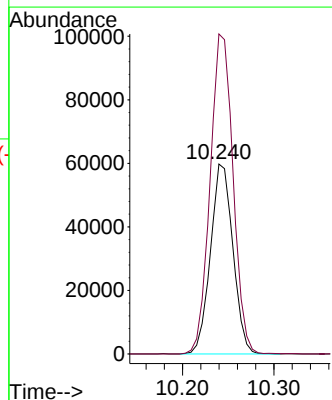
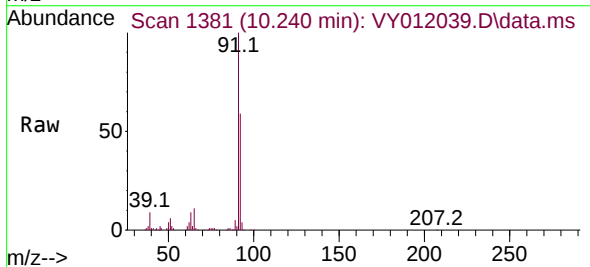
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

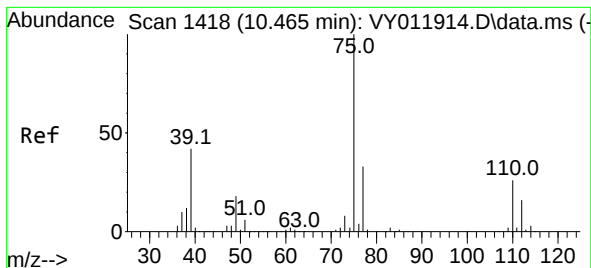
Tgt Ion: 43 Resp: 123025
Ion Ratio Lower Upper
43 100
58 43.3 32.9 49.3



#52
Toluene
Concen: 21.212 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 92 Resp: 101874
Ion Ratio Lower Upper
92 100
91 172.4 137.4 206.0

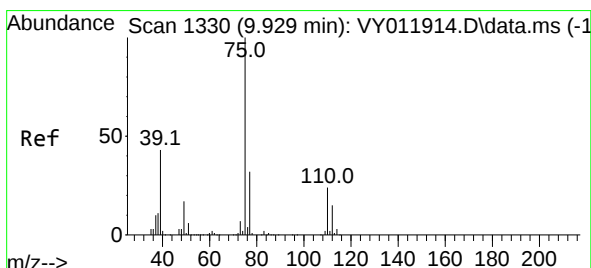
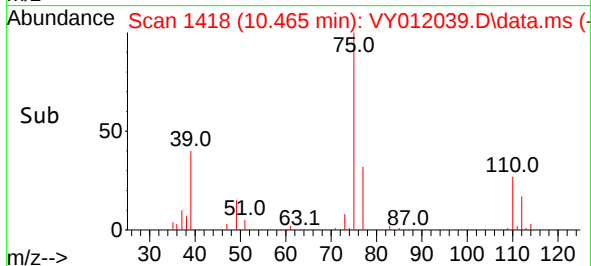
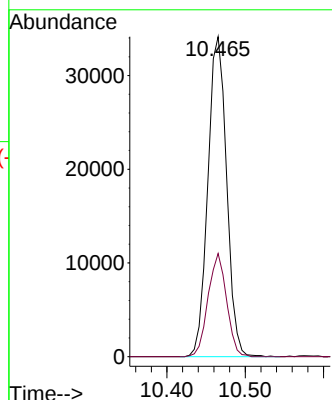
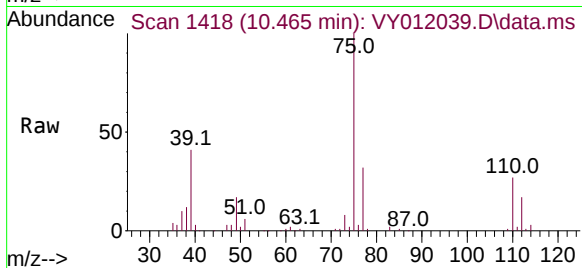




#53
t-1,3-Dichloropropene
Concen: 22.047 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

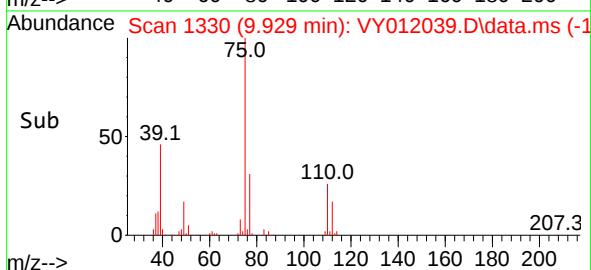
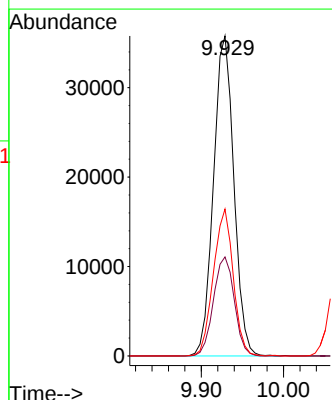
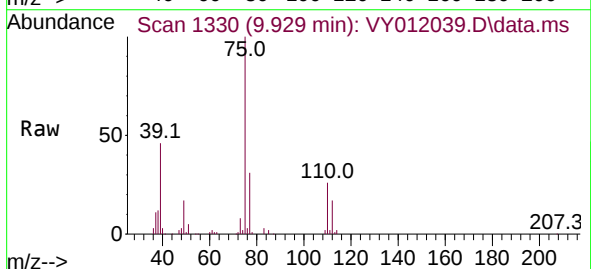
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

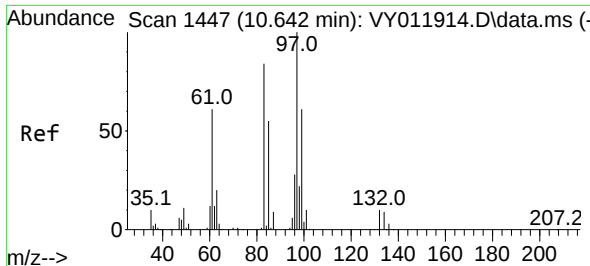
Tgt Ion: 75 Resp: 56699
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 21.292 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 75 Resp: 61550
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9
39 45.9 34.6 52.0

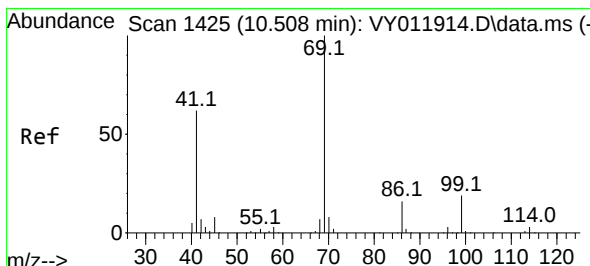
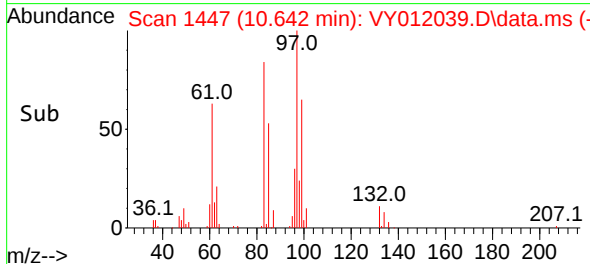
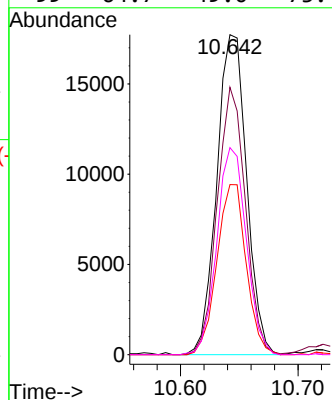
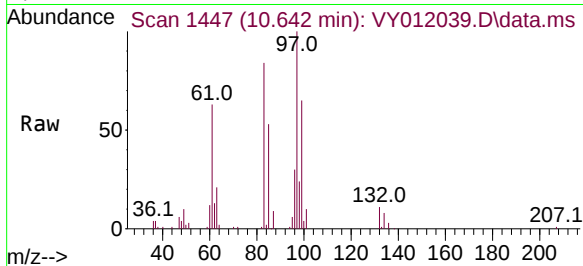




#55
1,1,2-Trichloroethane
Concen: 22.019 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

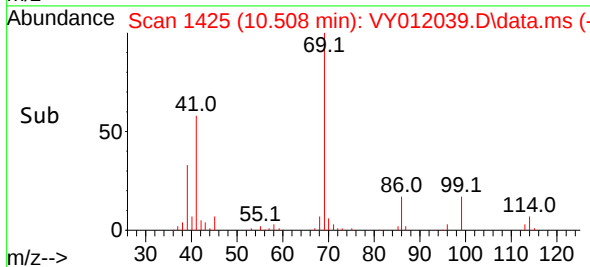
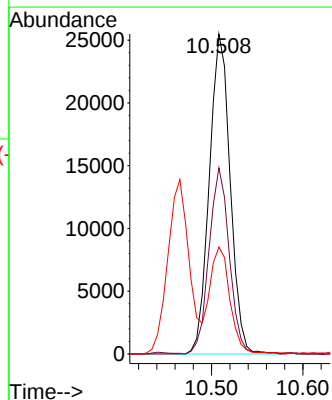
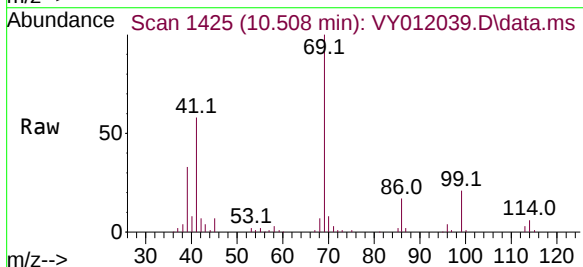
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

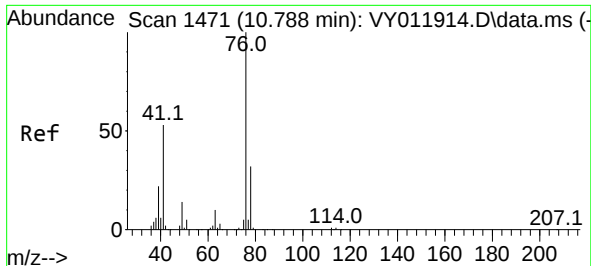
Tgt Ion:	97	Resp:	31347
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.7	101.5
85	53.1	43.8	65.8
99	64.7	49.0	73.4



#56
Ethyl methacrylate
Concen: 22.456 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion:	69	Resp:	40476
Ion	Ratio	Lower	Upper
69	100		
41	56.9	48.9	73.3
39	31.4	25.9	38.9

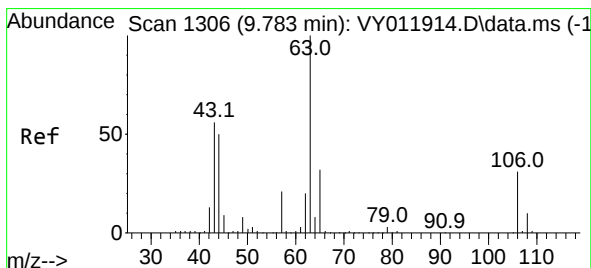
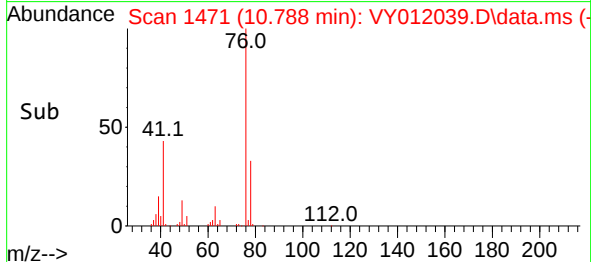
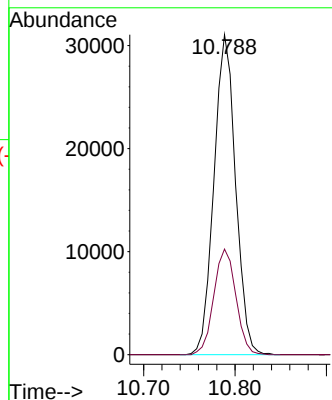
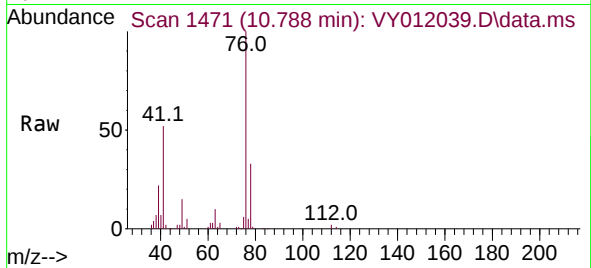




#57
1,3-Dichloropropane
Concen: 21.473 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

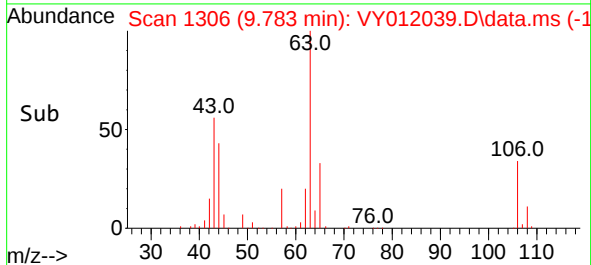
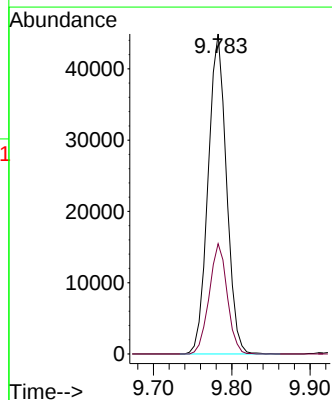
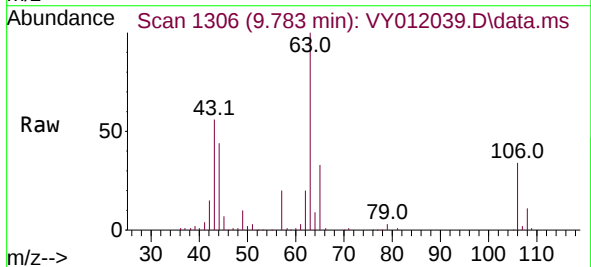
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

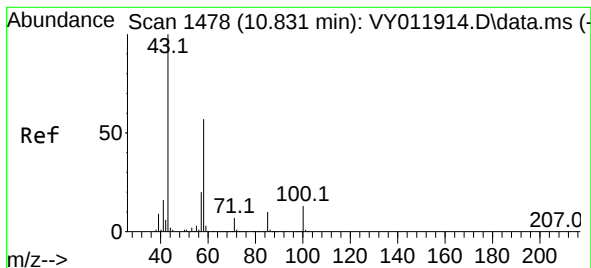
Tgt Ion: 76 Resp: 51015
Ion Ratio Lower Upper
76 100
78 33.7 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 104.920 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 63 Resp: 72975
Ion Ratio Lower Upper
63 100
106 33.7 23.2 34.8

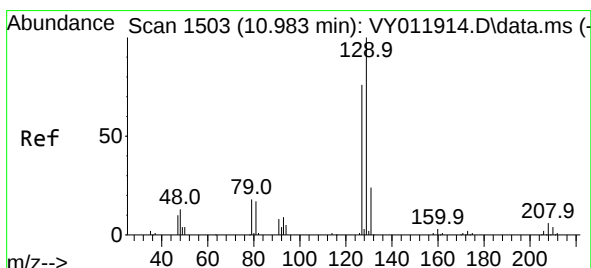
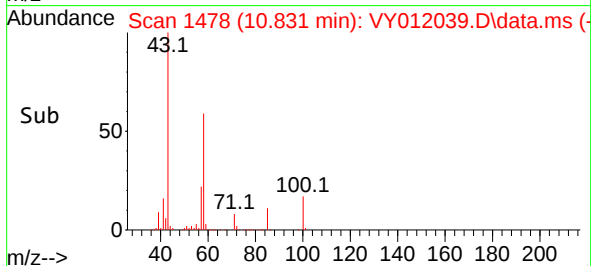
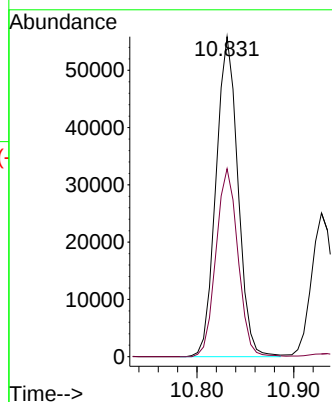
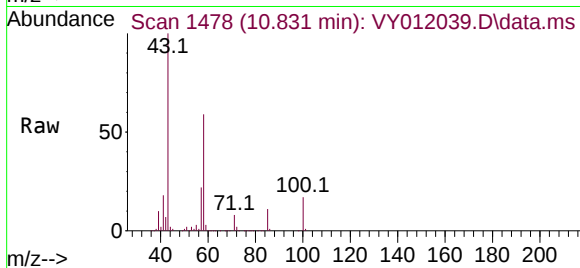




#59
2-Hexanone
Concen: 103.956 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

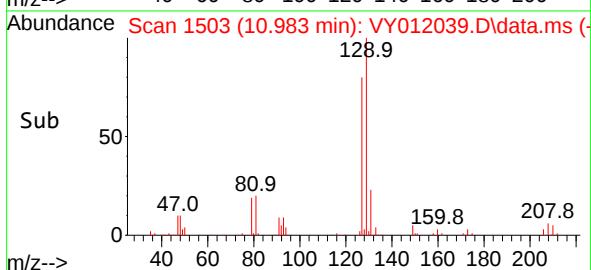
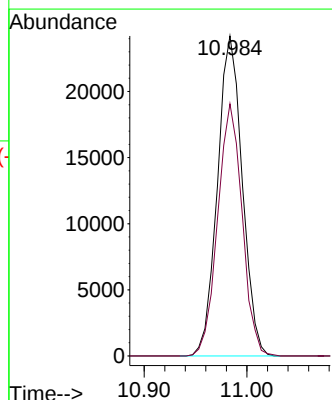
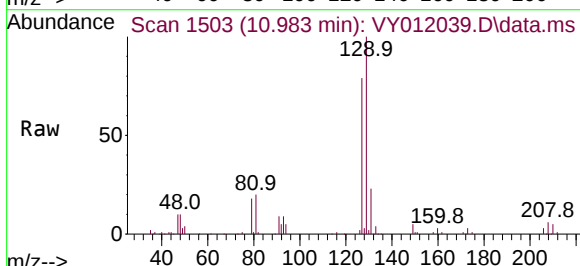
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

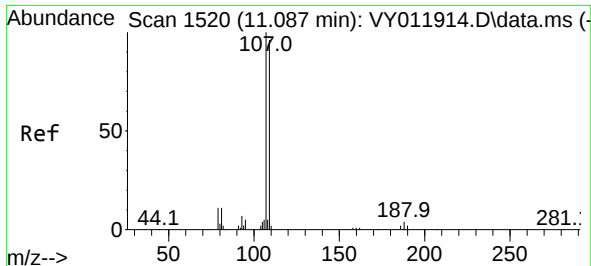
Tgt Ion: 43 Resp: 88014
Ion Ratio Lower Upper
43 100
58 58.7 28.4 85.2



#60
Dibromochloromethane
Concen: 22.616 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 129 Resp: 40559
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6

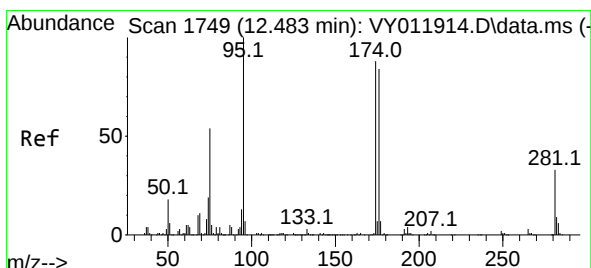
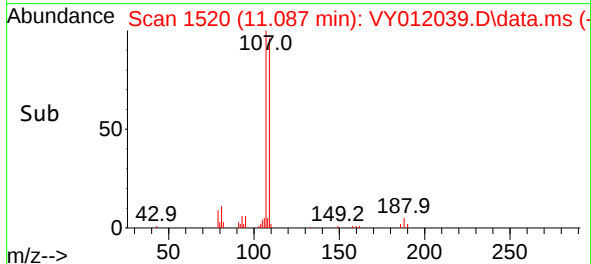
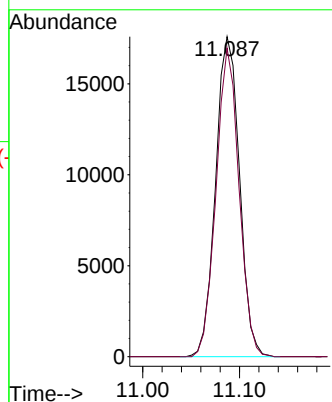
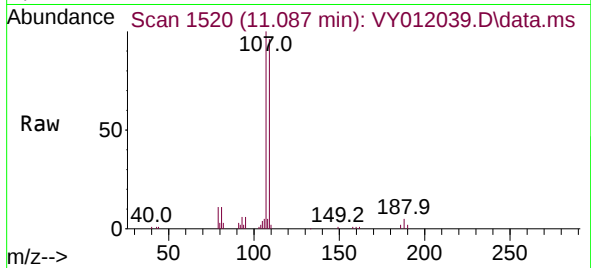




#61
1,2-Dibromoethane
Concen: 22.597 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

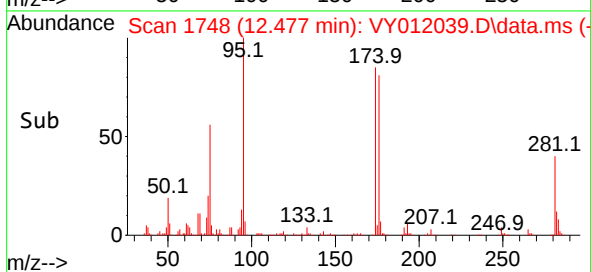
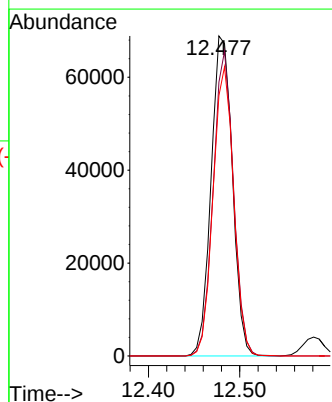
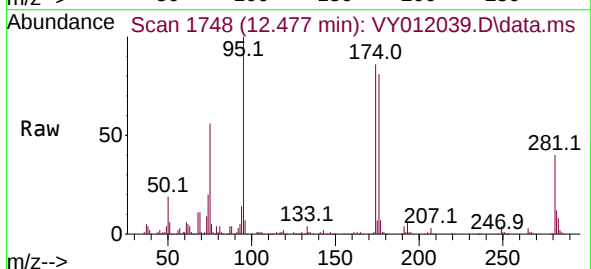
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

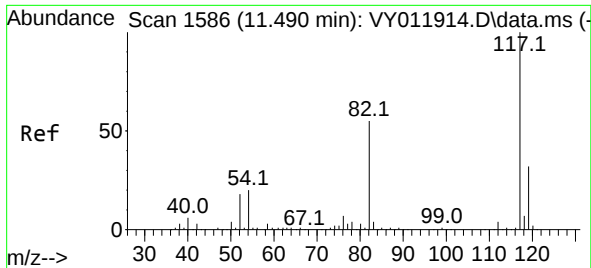
Tgt Ion:107 Resp: 30097
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 49.731 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 95 Resp: 111432
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.0
176 87.5 0.0 167.6

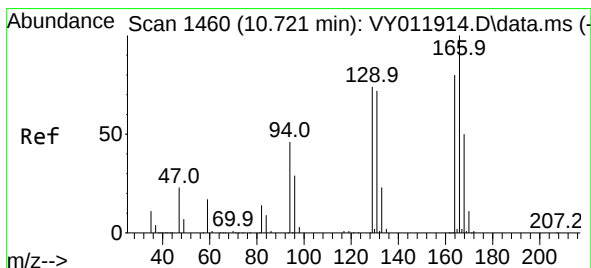
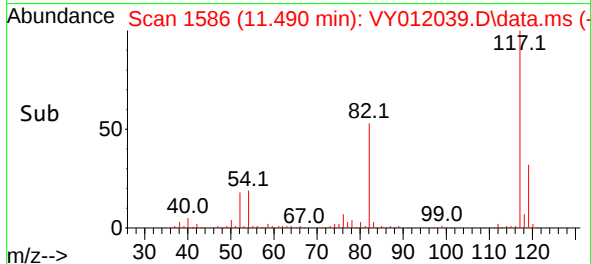
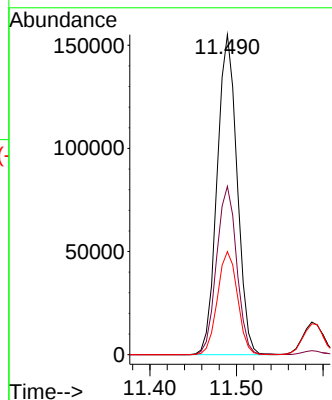
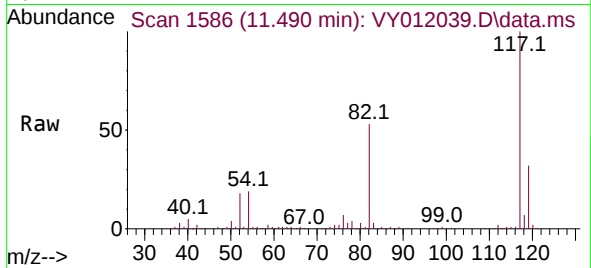




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

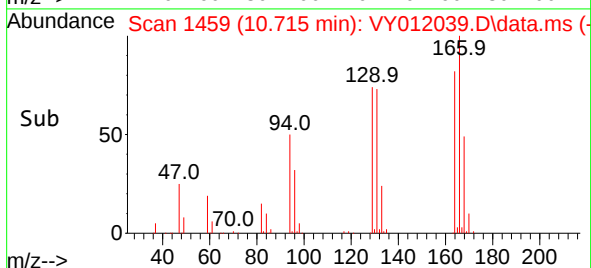
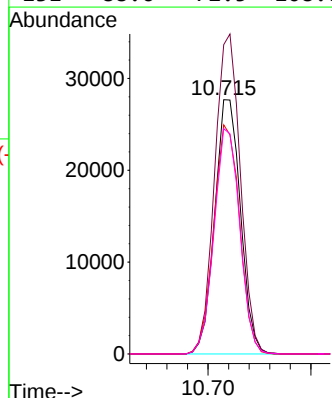
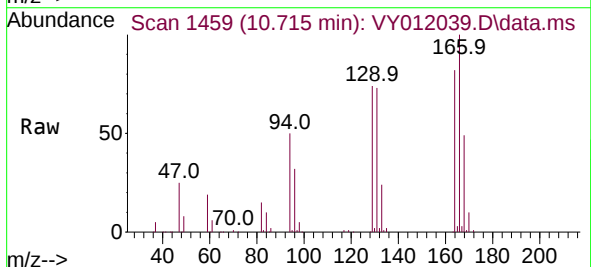
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

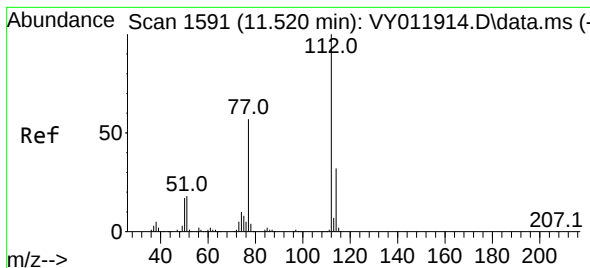
Tgt Ion:117 Resp: 248487
Ion Ratio Lower Upper
117 100
82 52.6 44.8 67.2
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 22.140 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion:164 Resp: 48155
Ion Ratio Lower Upper
164 100
166 121.7 102.3 153.5
129 90.1 77.2 115.8
131 88.6 72.5 108.7





#65

Chlorobenzene

Concen: 21.080 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

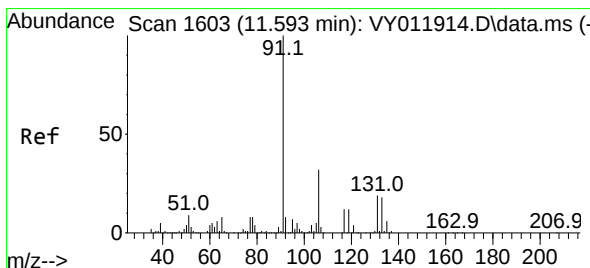
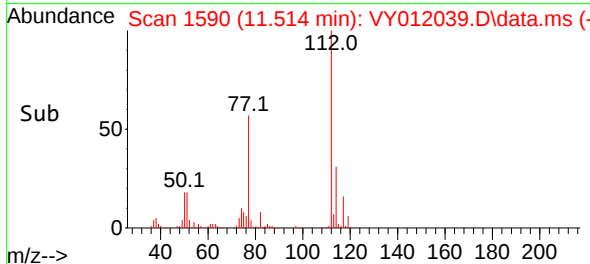
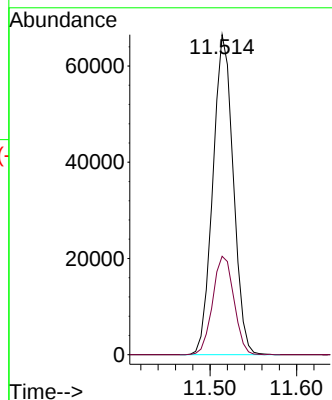
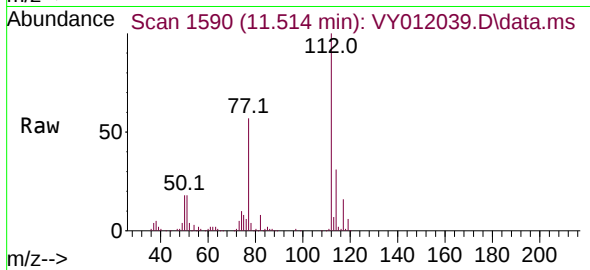
VY0103SBSD01

Tgt Ion:112 Resp: 108760

Ion Ratio Lower Upper

112 100

114 30.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.897 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

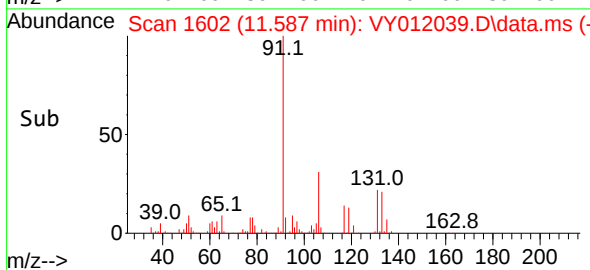
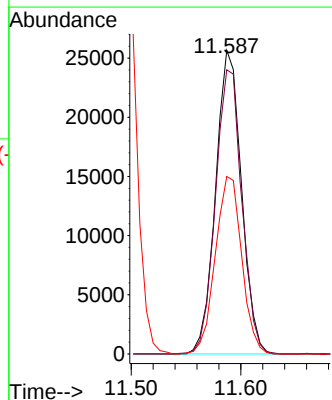
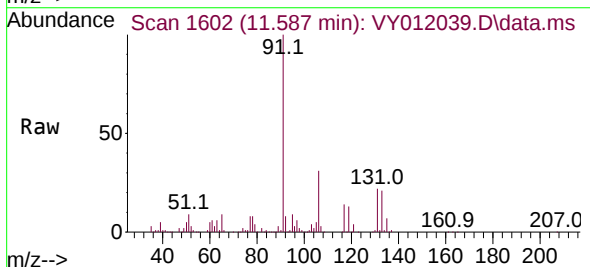
Tgt Ion:131 Resp: 42034

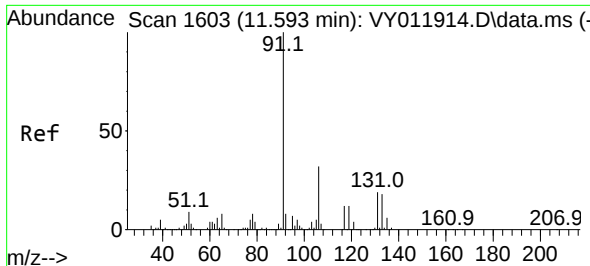
Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

119 59.8 32.1 96.3

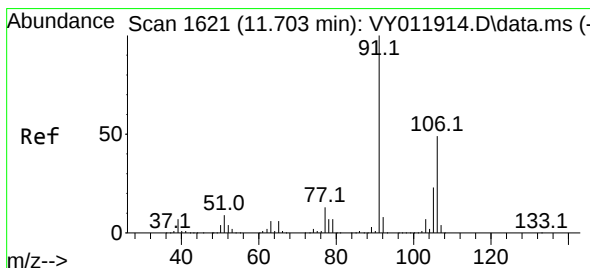
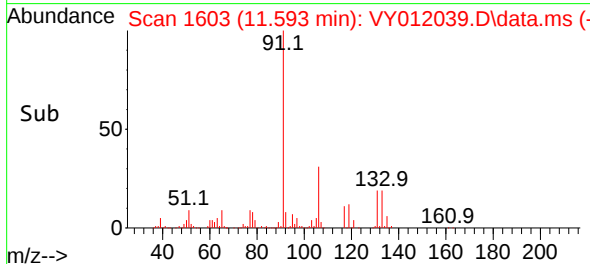
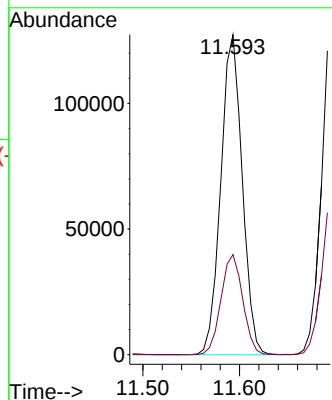
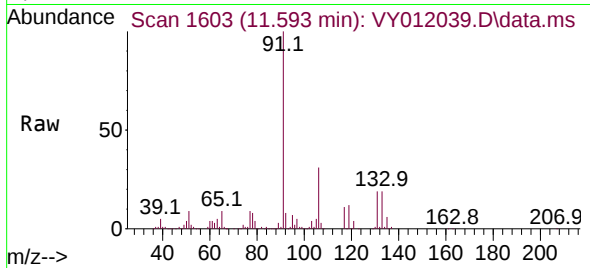




#67
Ethyl Benzene
Concen: 20.943 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

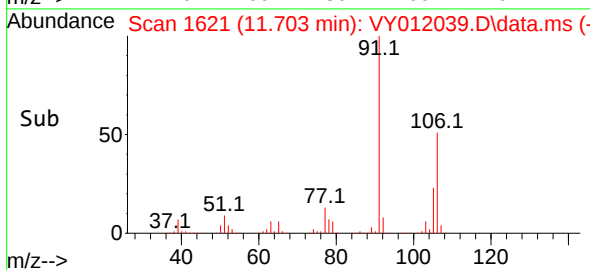
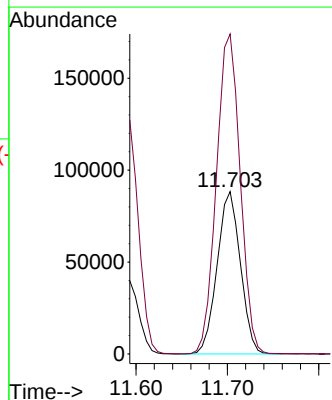
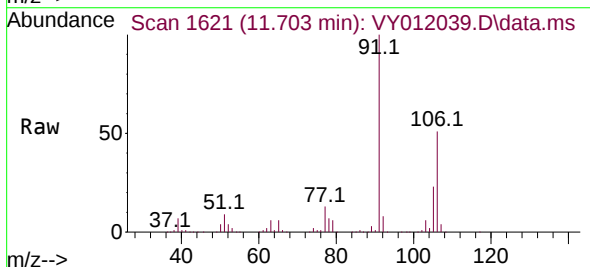
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

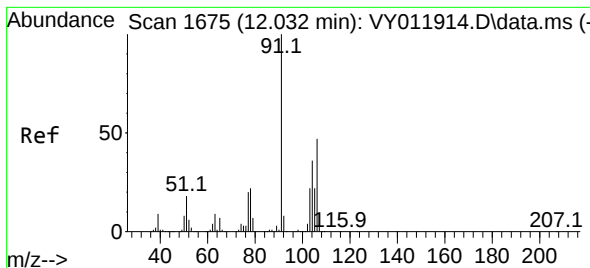
Tgt Ion: 91 Resp: 195317
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 43.028 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 106 Resp: 156063
Ion Ratio Lower Upper
106 100
91 202.0 162.5 243.7





#69

o-Xylene

Concen: 21.632 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

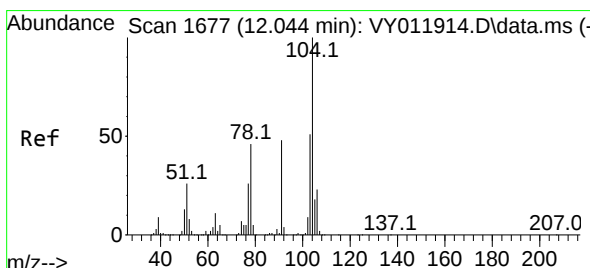
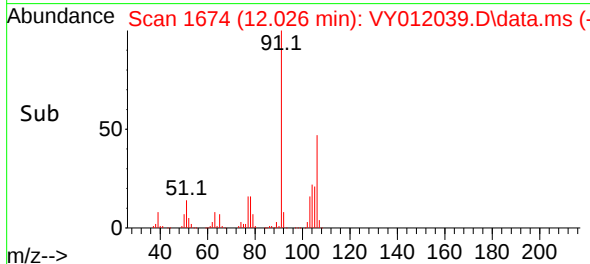
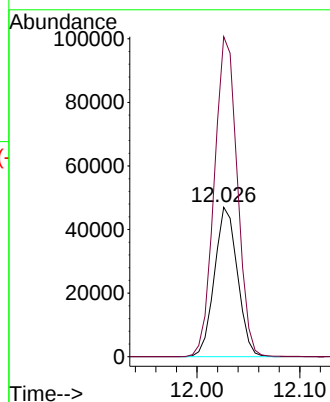
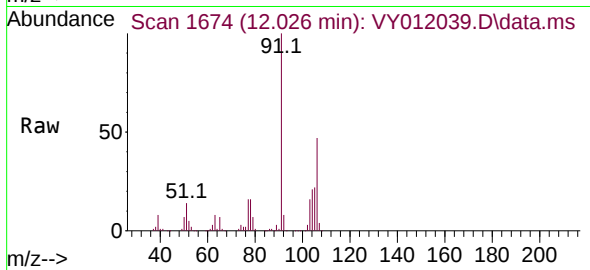
VY0103SBSD01

Tgt Ion:106 Resp: 73003

Ion Ratio Lower Upper

106 100

91 214.3 107.5 322.4



#70

Styrene

Concen: 22.001 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

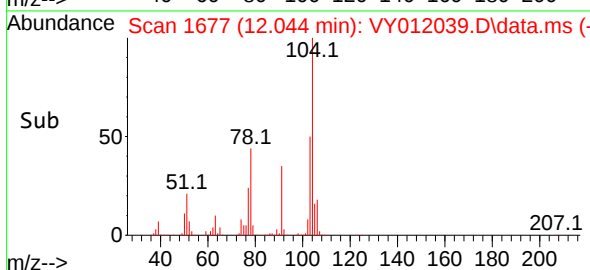
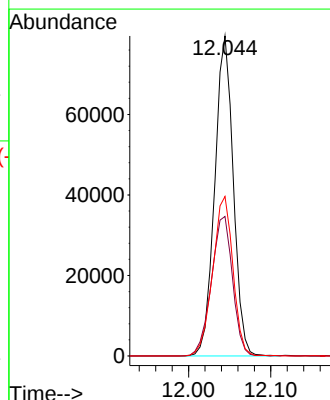
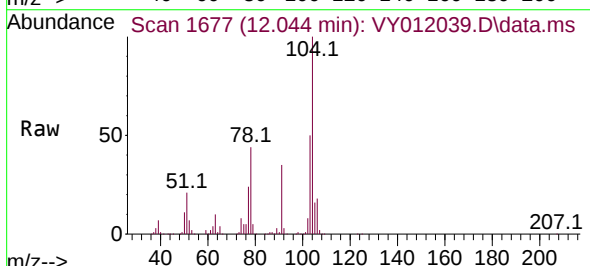
Tgt Ion:104 Resp: 124669

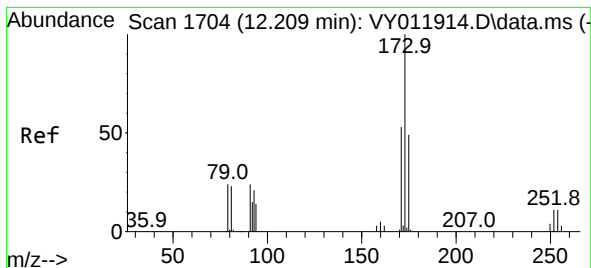
Ion Ratio Lower Upper

104 100

78 49.7 39.4 59.0

103 54.5 43.0 64.4





#71

Bromoform

Concen: 23.660 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

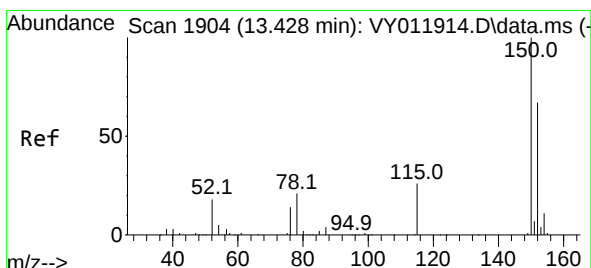
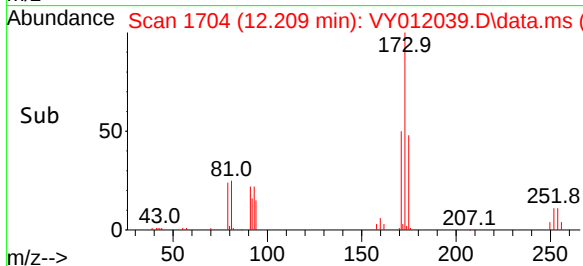
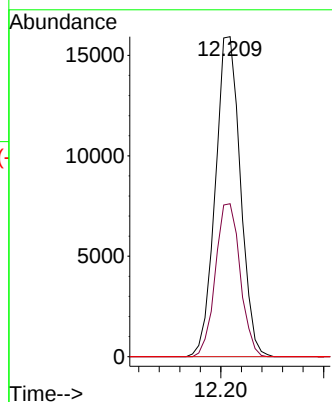
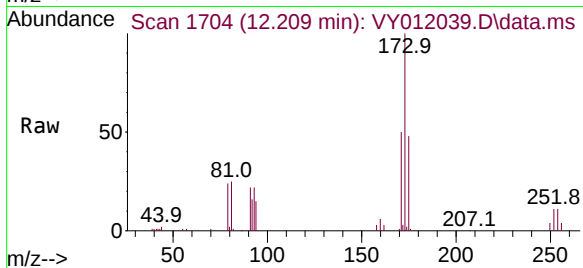
Tgt Ion:173 Resp: 26913

Ion Ratio Lower Upper

173 100

175 47.2 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

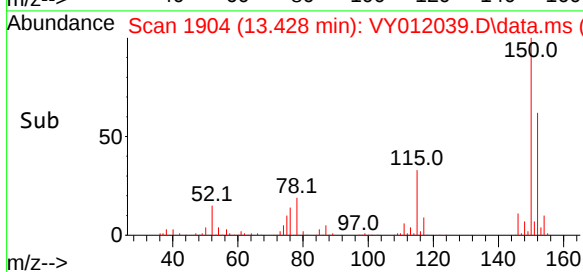
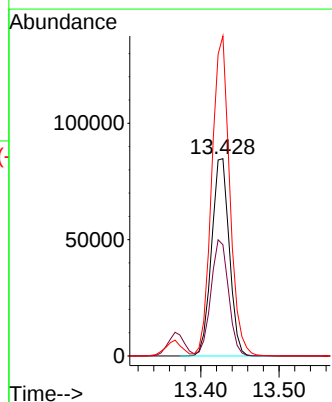
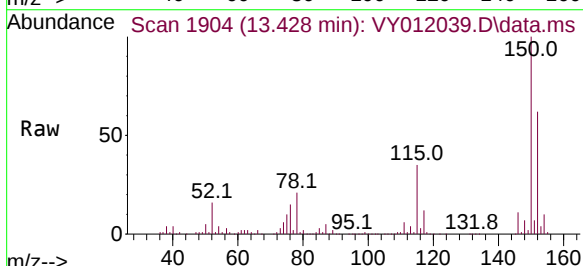
Tgt Ion:152 Resp: 133004

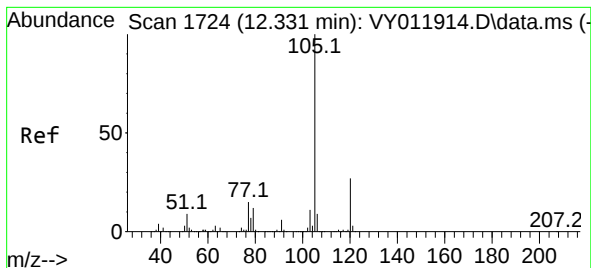
Ion Ratio Lower Upper

152 100

115 58.5 29.1 87.3

150 164.7 0.0 342.6





#73

Isopropylbenzene

Concen: 20.204 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

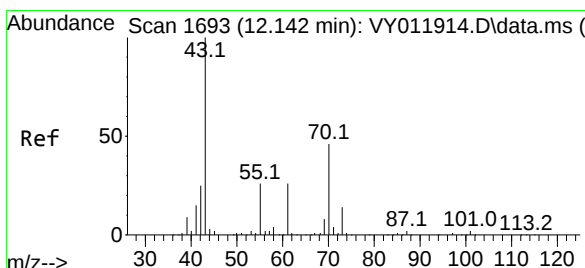
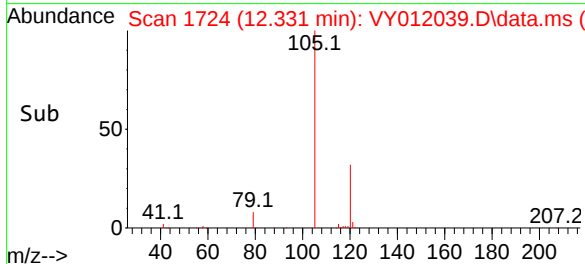
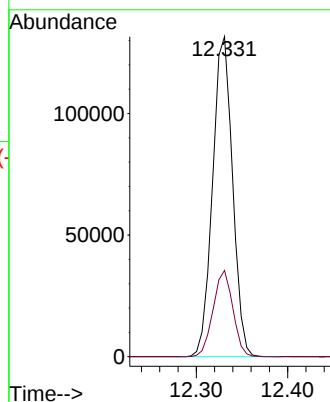
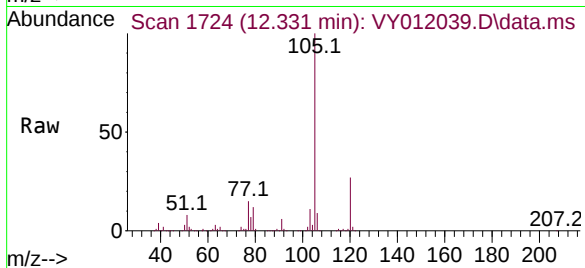
VY0103SBSD01

Tgt Ion:105 Resp: 199410

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 20.097 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Tgt Ion: 43 Resp: 40665

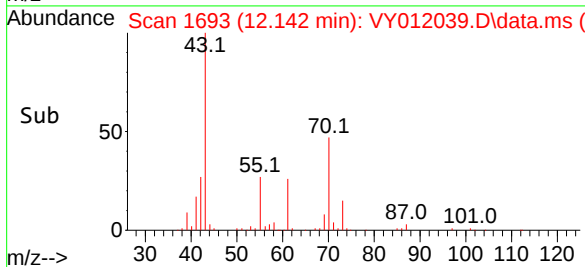
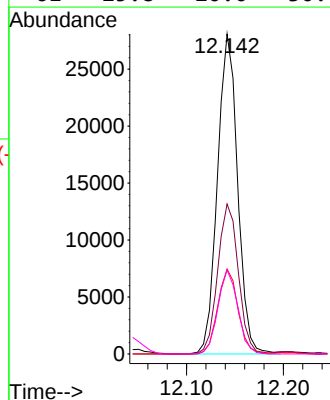
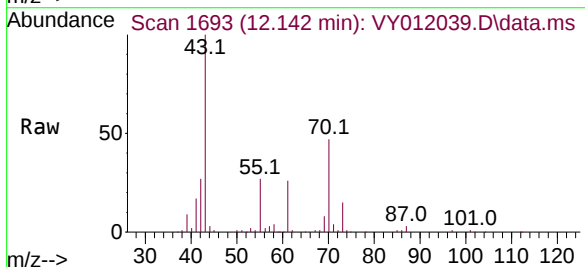
Ion Ratio Lower Upper

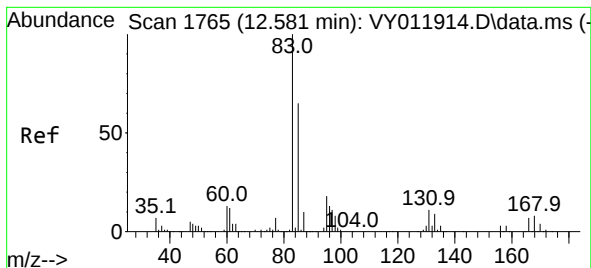
43 100

70 47.9 35.8 53.8

55 26.8 21.0 31.4

61 25.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.110 ug/l

RT: 12.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

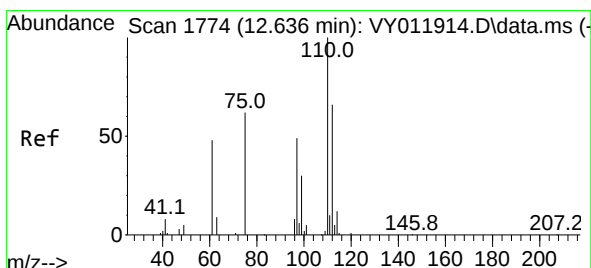
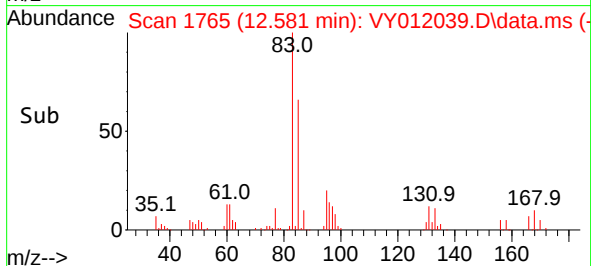
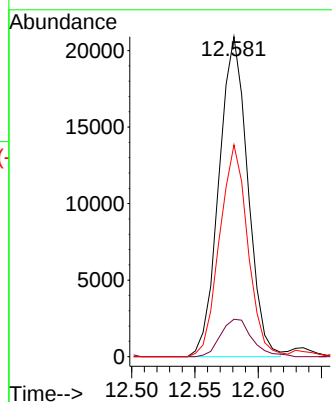
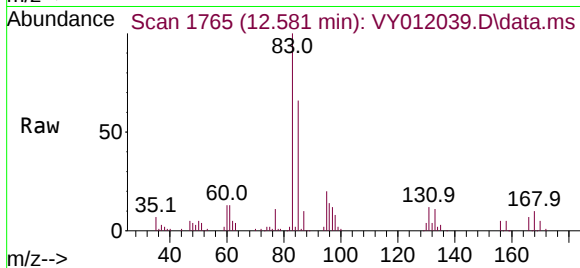
Tgt Ion: 83 Resp: 33112

Ion Ratio Lower Upper

83 100

131 12.8 5.6 16.8

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 29.423 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012039.D

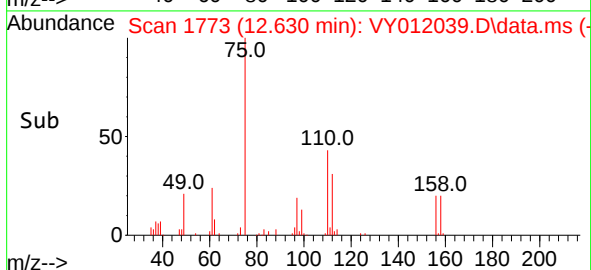
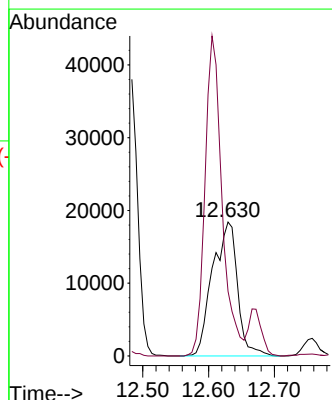
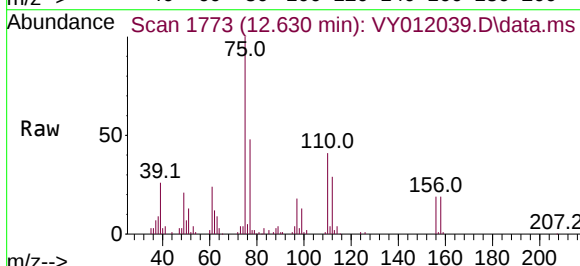
Acq: 03 Jan 2023 12:13

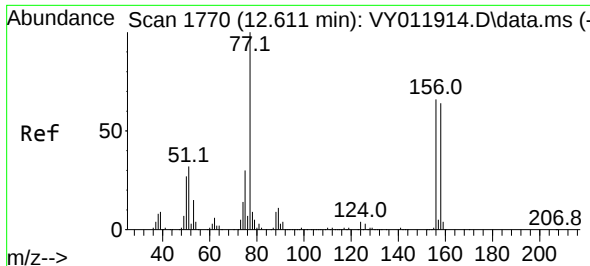
Tgt Ion: 75 Resp: 48696

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

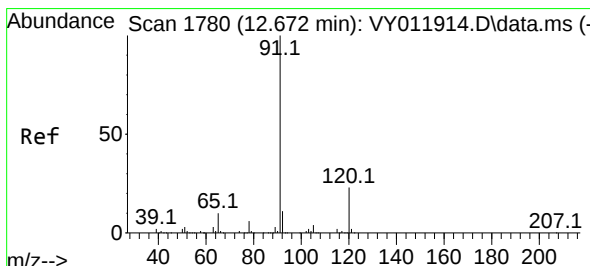
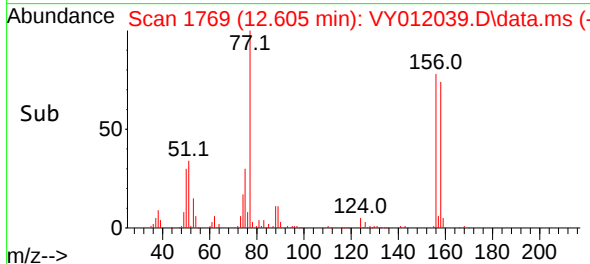
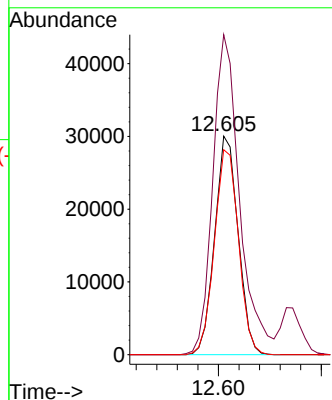
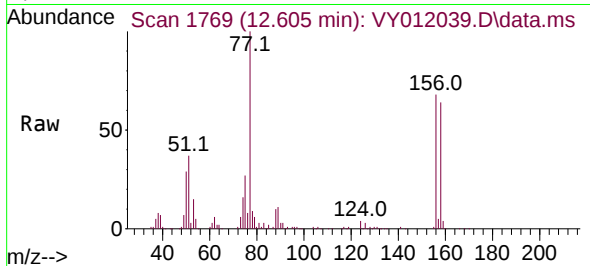




#77
Bromobenzene
Concen: 20.843 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

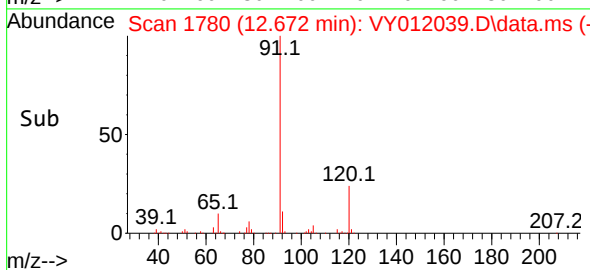
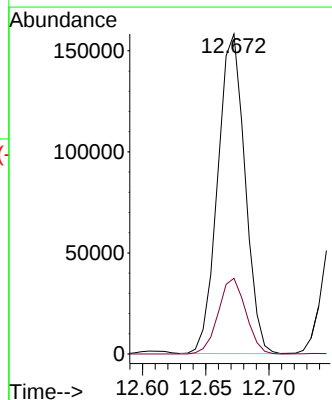
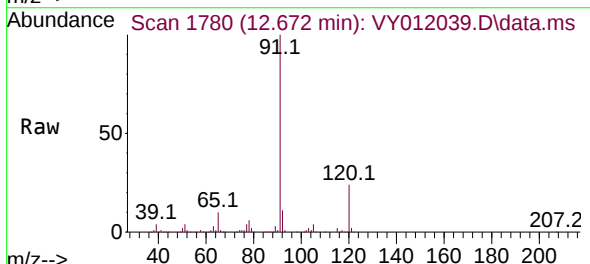
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

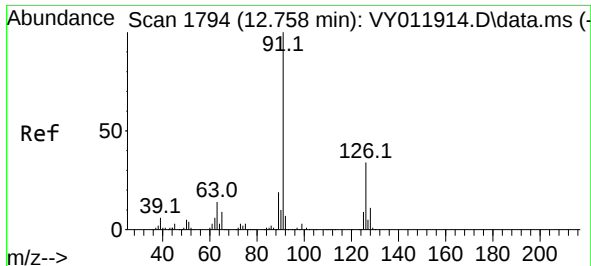
Tgt Ion:156 Resp: 47591
Ion Ratio Lower Upper
156 100
77 167.3 90.0 270.0
158 96.4 48.4 145.2



#78
n-propylbenzene
Concen: 19.952 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 91 Resp: 236700
Ion Ratio Lower Upper
91 100
120 23.9 11.8 35.4

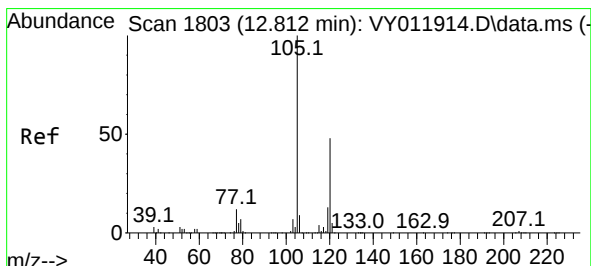
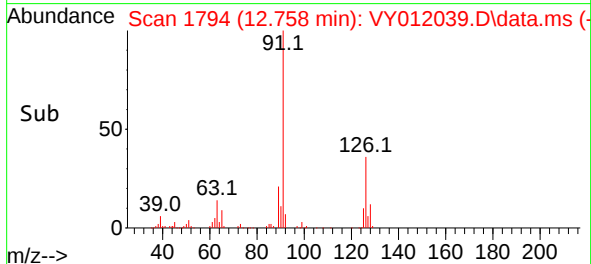
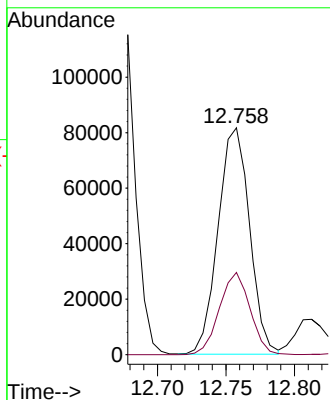
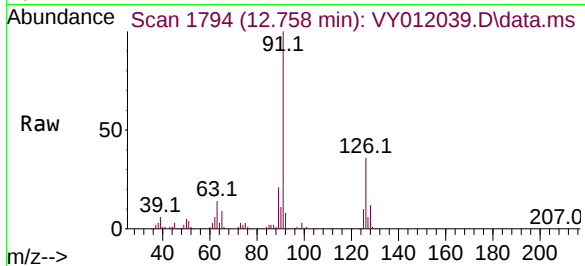




#79
2-Chlorotoluene
Concen: 19.610 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

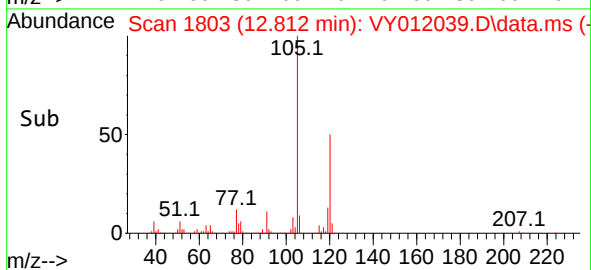
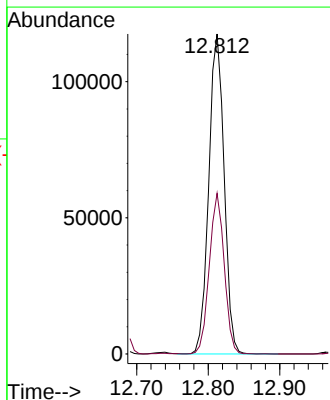
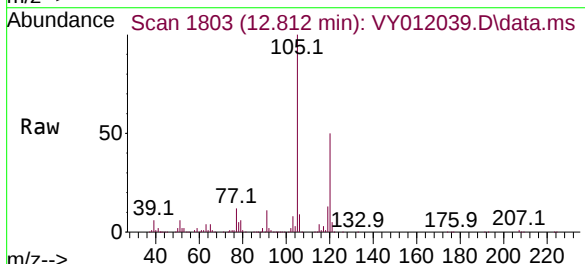
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBS01

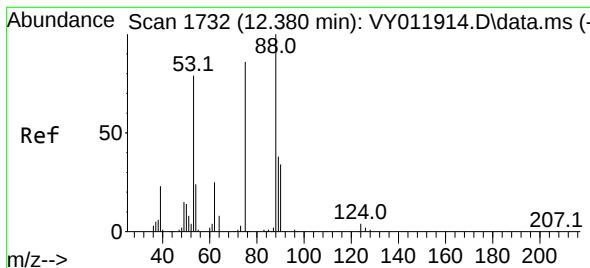
Tgt Ion: 91 Resp: 130773
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 20.711 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 105 Resp: 175007
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

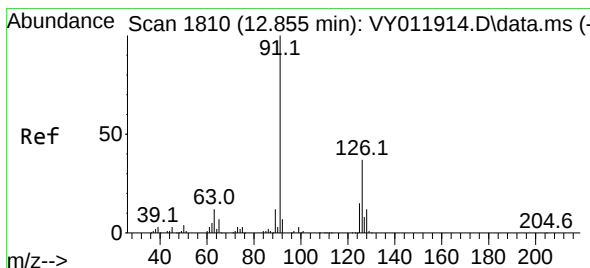
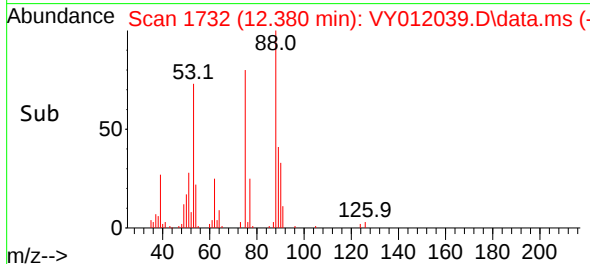
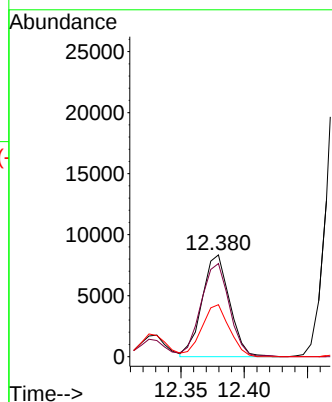
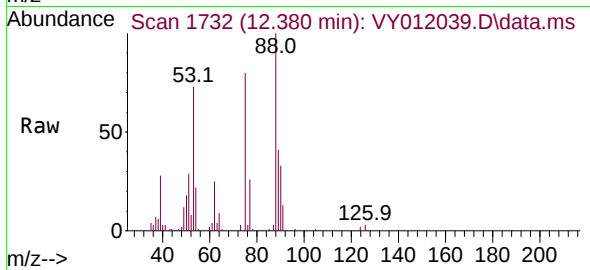




#81
trans-1,4-Dichloro-2-butene
Concen: 20.907 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

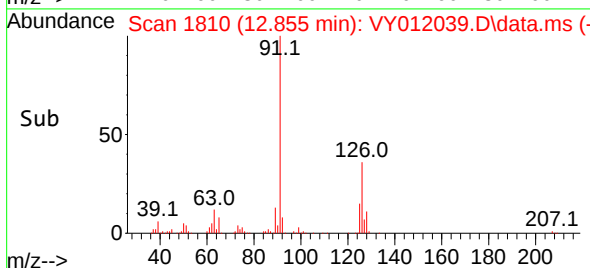
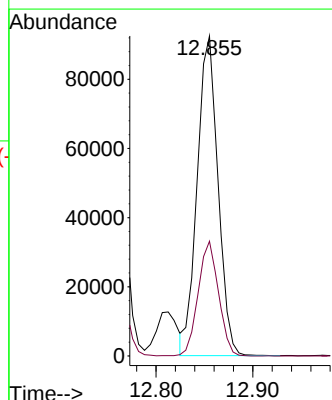
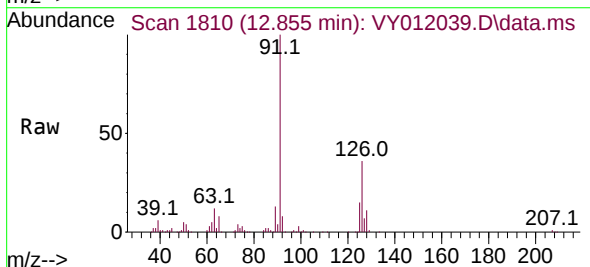
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBSD01

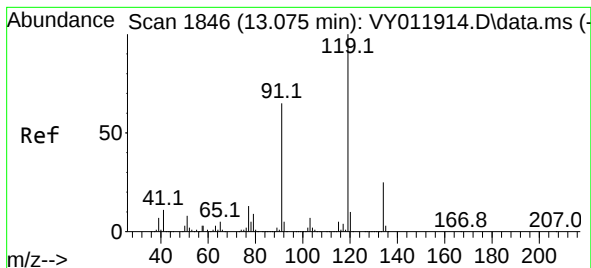
Tgt Ion: 75 Resp: 12635
Ion Ratio Lower Upper
75 100
53 94.1 72.5 108.7
89 51.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.057 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012039.D
Acq: 03 Jan 2023 12:13

Tgt Ion: 91 Resp: 138391
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.735 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

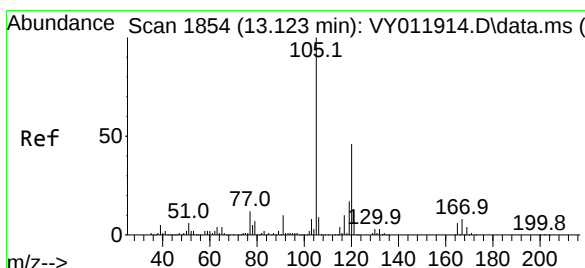
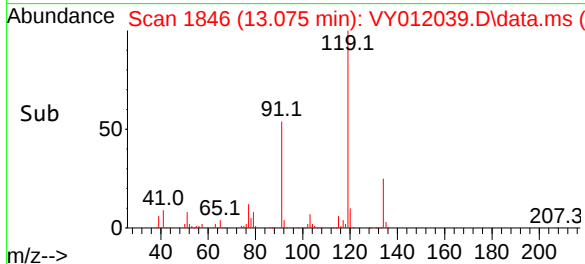
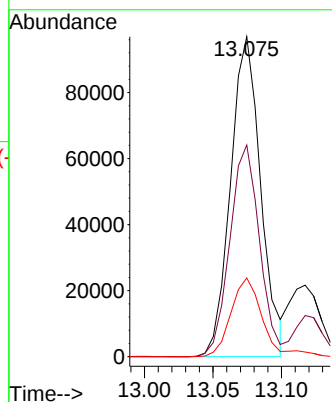
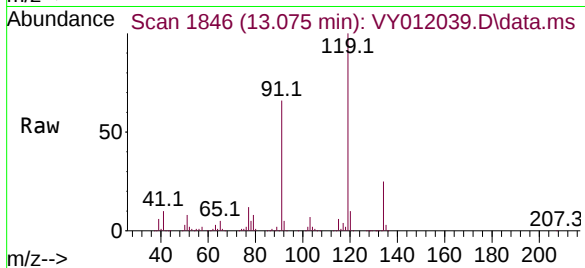
Tgt Ion:119 Resp: 148496

Ion Ratio Lower Upper

119 100

91 65.1 32.3 96.8

134 25.8 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.628 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012039.D

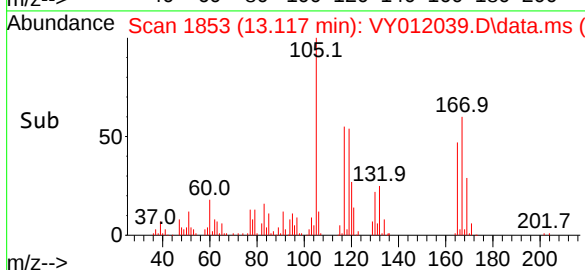
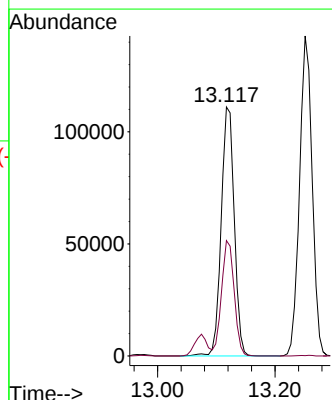
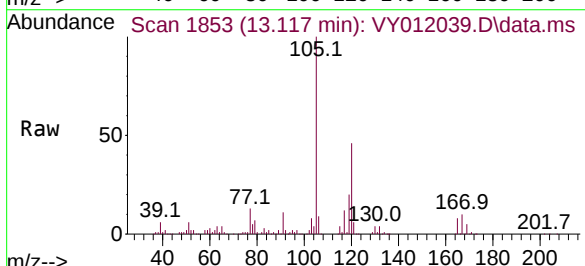
Acq: 03 Jan 2023 12:13

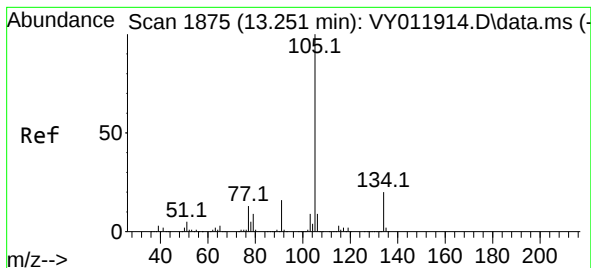
Tgt Ion:105 Resp: 171480

Ion Ratio Lower Upper

105 100

120 44.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.917 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

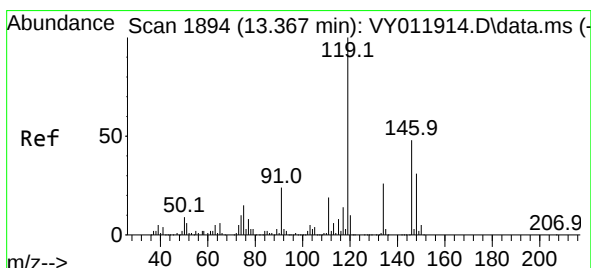
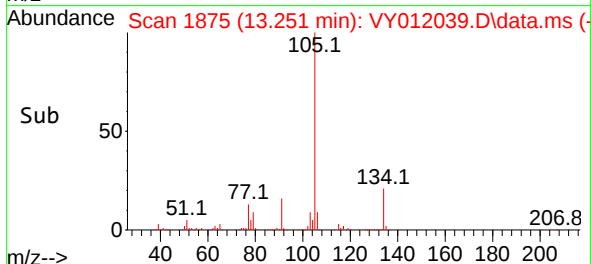
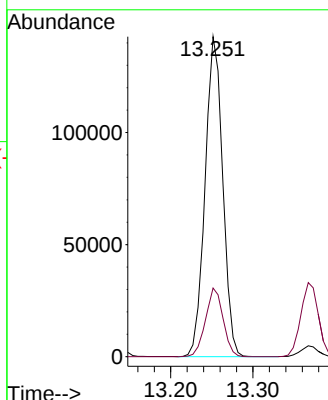
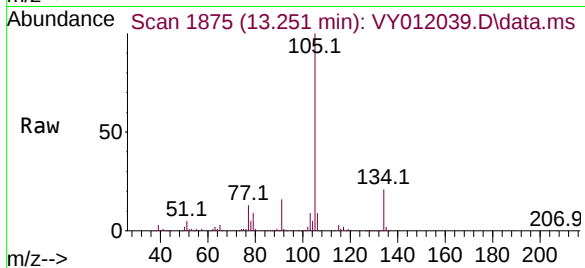
VY0103SBSD01

Tgt Ion:105 Resp: 212991

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.634 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

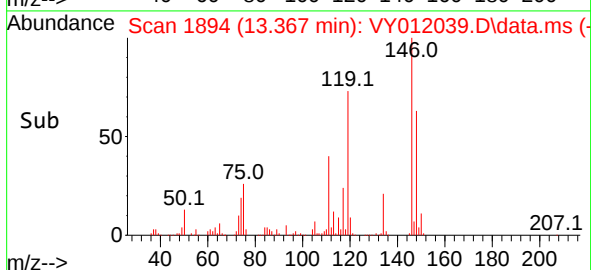
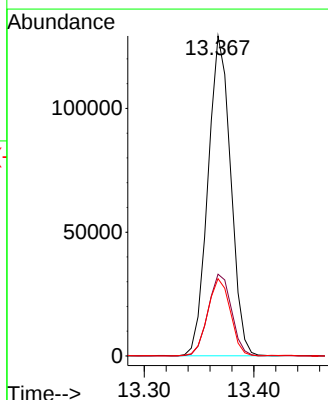
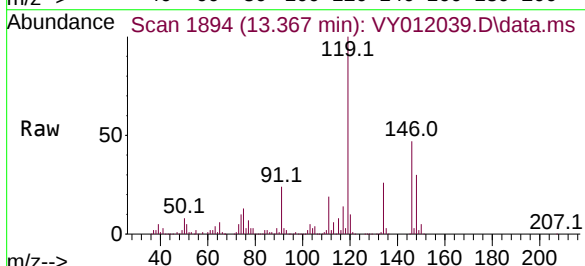
Tgt Ion:119 Resp: 186182

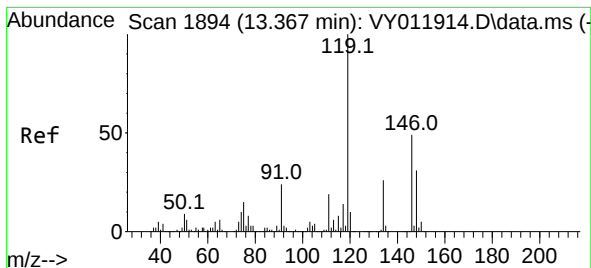
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.2 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.580 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

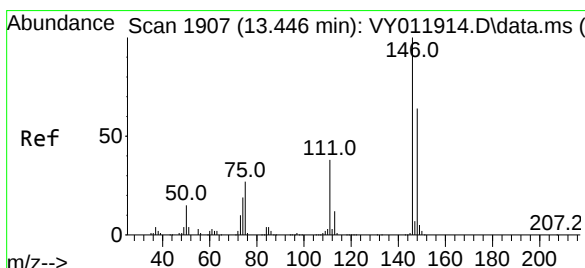
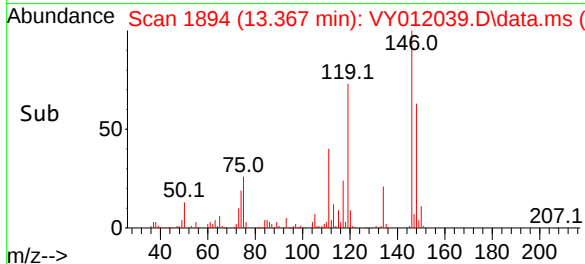
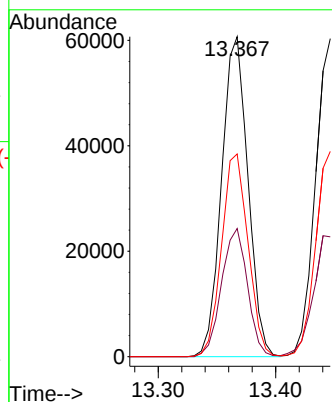
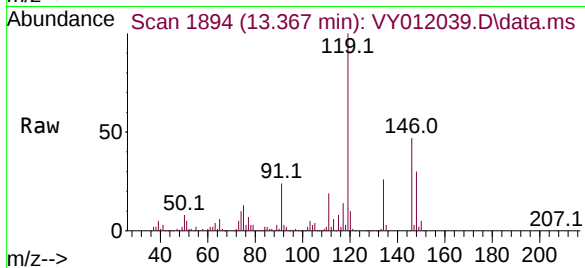
Tgt Ion:146 Resp: 94506

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 63.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.584 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

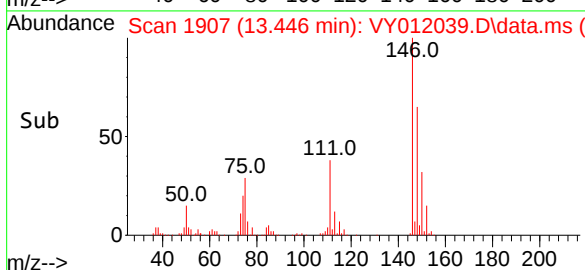
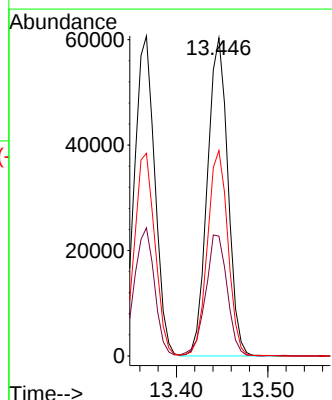
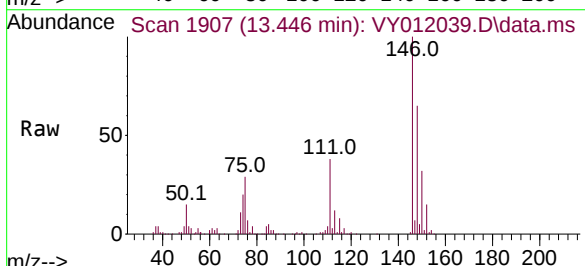
Tgt Ion:146 Resp: 93968

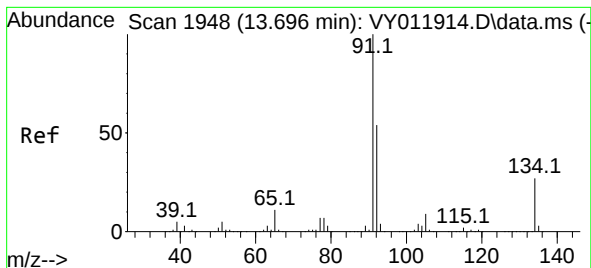
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

148 64.4 31.9 95.7





#89

n-Butylbenzene

Concen: 20.004 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBS01

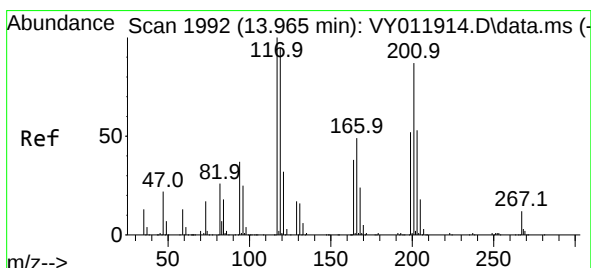
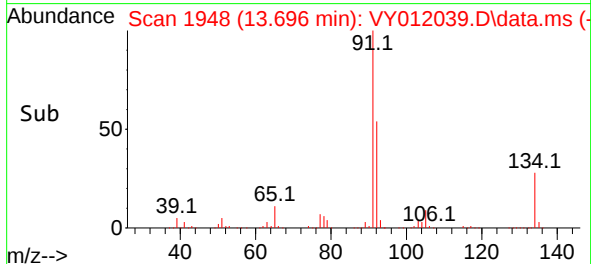
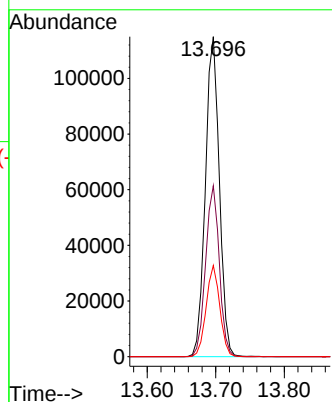
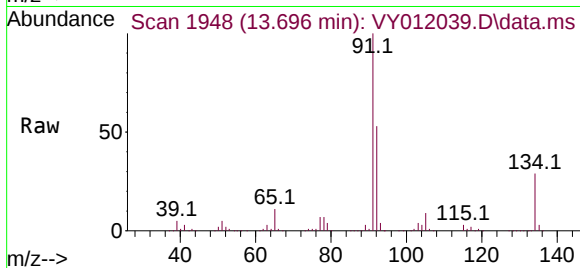
Tgt Ion: 91 Resp: 163405

Ion Ratio Lower Upper

91 100

92 52.4 26.8 80.4

134 27.9 13.3 39.8



#90

Hexachloroethane

Concen: 19.909 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012039.D

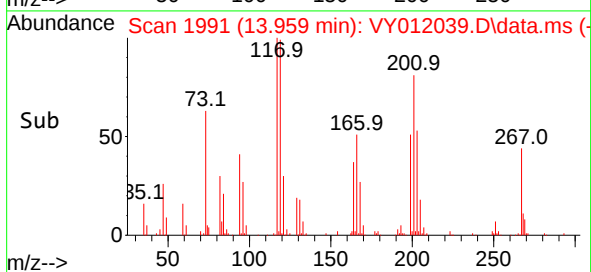
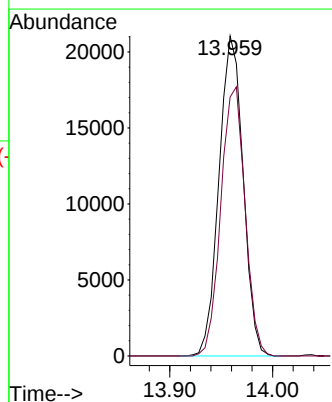
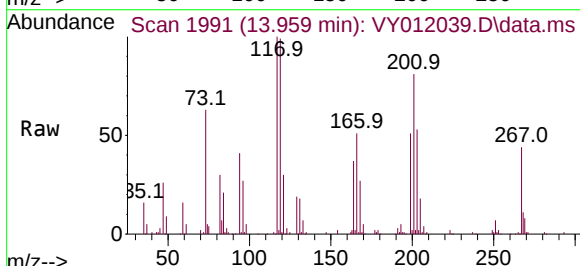
Acq: 03 Jan 2023 12:13

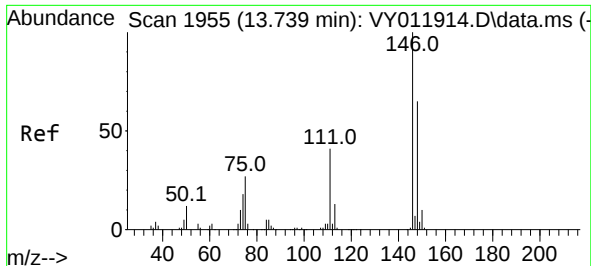
Tgt Ion: 117 Resp: 34277

Ion Ratio Lower Upper

117 100

201 84.4 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 20.811 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

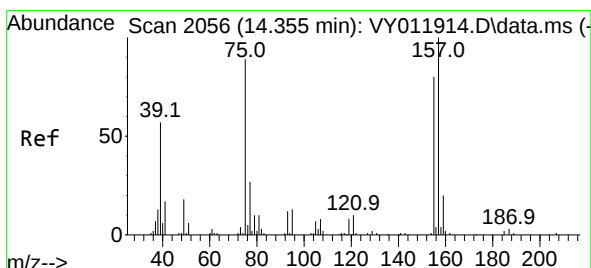
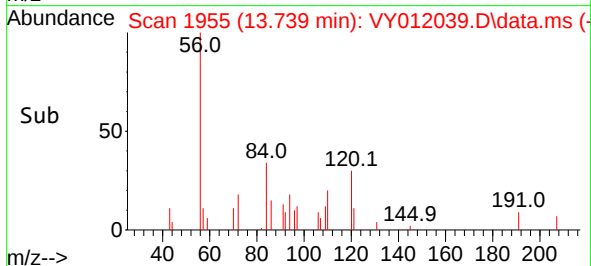
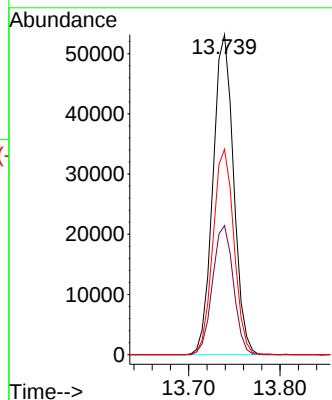
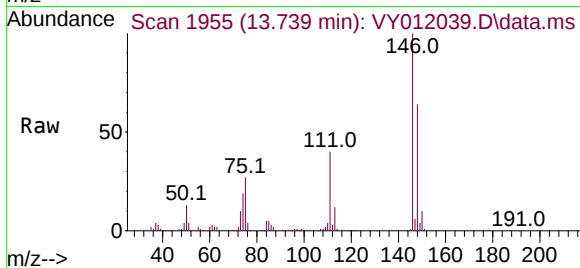
Tgt Ion:146 Resp: 83316

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 65.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.551 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

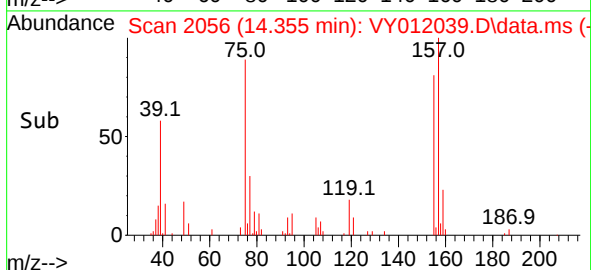
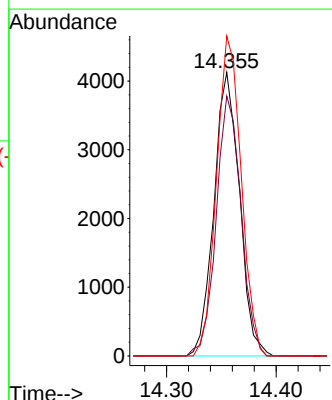
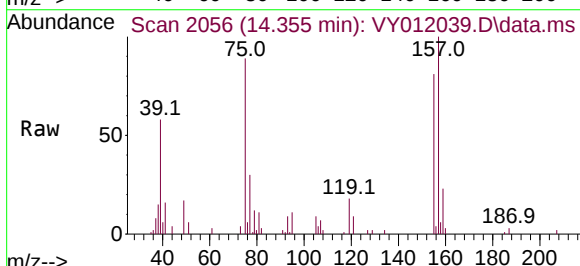
Tgt Ion: 75 Resp: 6664

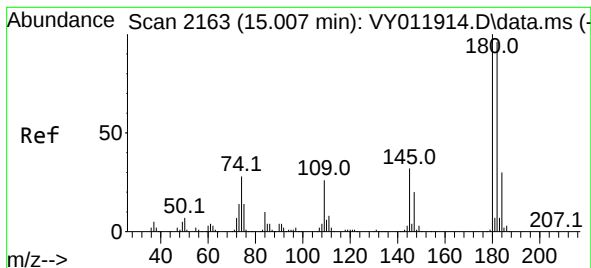
Ion Ratio Lower Upper

75 100

155 89.4 42.3 126.8

157 109.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 22.279 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

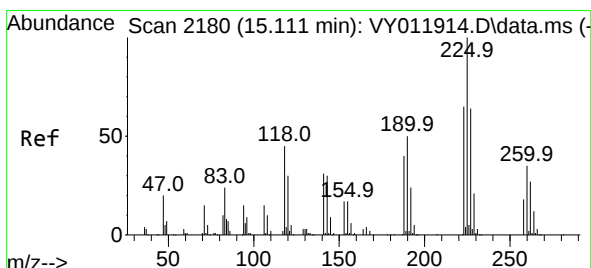
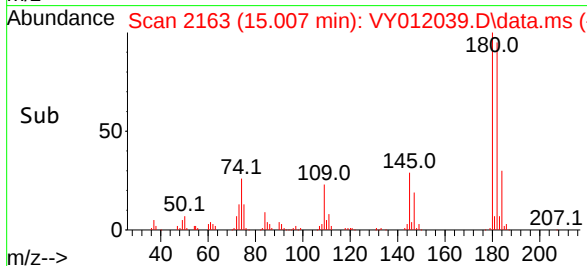
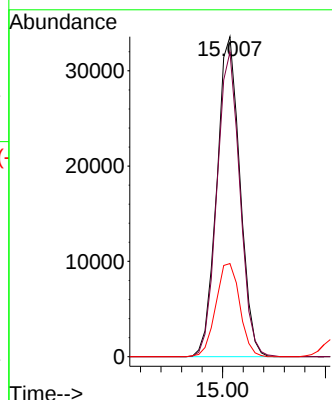
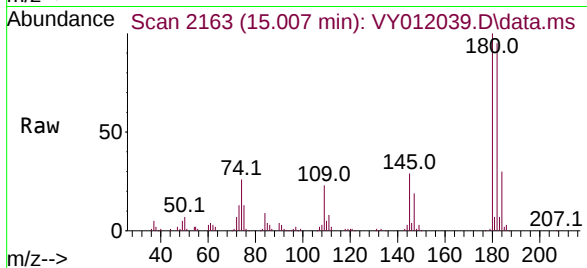
Tgt Ion:180 Resp: 52467

Ion Ratio Lower Upper

180 100

182 94.1 48.1 144.3

145 30.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.952 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

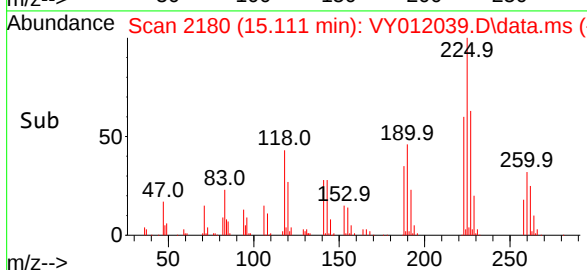
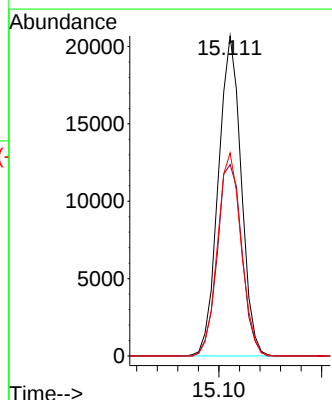
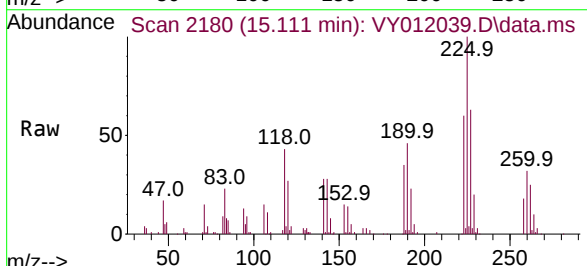
Tgt Ion:225 Resp: 31883

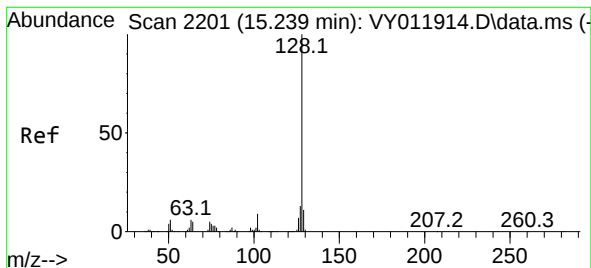
Ion Ratio Lower Upper

225 100

223 64.2 31.4 94.2

227 65.5 32.6 97.8





#95

Naphthalene

Concen: 22.543 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBSD01

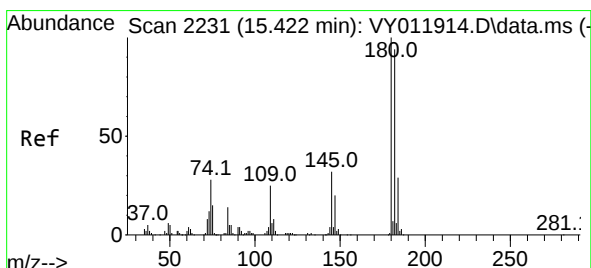
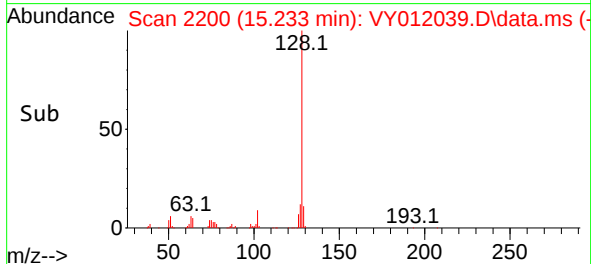
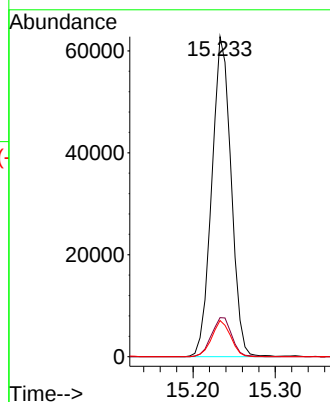
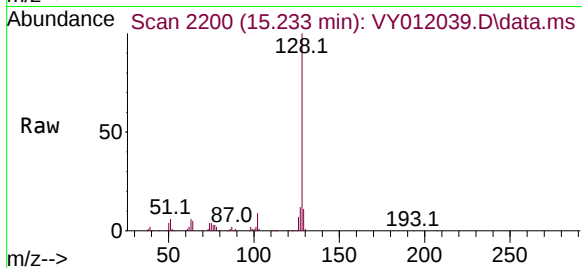
Tgt Ion:128 Resp: 102513

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.644 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012039.D

Acq: 03 Jan 2023 12:13

Tgt Ion:180 Resp: 45086

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 32.8 16.1 48.2

