

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008434.D
 Acq On : 21 Apr 2022 10:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 13:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 13:25:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57817	41.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.960%
35) Dibromofluoromethane	7.716	113	61404	44.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.840%
50) Toluene-d8	10.179	98	209381	43.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.483	95	78579	43.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36415	31.342	ug/l	98
3) Chloromethane	2.113	50	54722	34.714	ug/l	92
4) Vinyl Chloride	2.253	62	77042	37.018	ug/l	99
5) Bromomethane	2.650	94	68978	36.621	ug/l	96
6) Chloroethane	2.796	64	56329	39.216	ug/l	98
7) Trichlorofluoromethane	3.125	101	94426	39.711	ug/l	97
8) Diethyl Ether	3.527	74	34389	40.020	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.905	101	62005	41.000	ug/l	93
10) Methyl Iodide	4.094	142	63211	40.494	ug/l	92
11) Tert butyl alcohol	4.954	59	36448	254.456	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	53089	38.514	ug/l #	80
13) Acrolein	3.729	56	20043	174.678	ug/l	96
14) Allyl chloride	4.479	41	74638	41.704	ug/l #	91
15) Acrylonitrile	5.161	53	96051	227.176	ug/l	97
16) Acetone	3.948	43	80418	247.803	ug/l	91
17) Carbon Disulfide	4.198	76	111723	29.735	ug/l	99
18) Methyl Acetate	4.472	43	38611	41.653	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	194420	45.374	ug/l	93
20) Methylene Chloride	4.716	84	72096	33.060	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	63290	38.187	ug/l	83
22) Diisopropyl ether	6.118	45	194145	45.686	ug/l #	93
23) Vinyl Acetate	6.058	43	657372	234.463	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	118640	43.655	ug/l	98
25) 2-Butanone	6.984	43	120860	238.294	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	115894	46.472	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	83750	42.917	ug/l	82
28) Bromochloromethane	7.332	49	51810	49.762	ug/l #	74
29) Tetrahydrofuran	7.344	42	76162	234.231	ug/l #	75
30) Chloroform	7.508	83	135079	44.581	ug/l	98
31) Cyclohexane	7.783	56	86337	36.356	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	117100	44.394	ug/l	95
36) 1,1-Dichloropropene	7.917	75	89482	41.550	ug/l	96
37) Ethyl Acetate	7.076	43	53283	47.239	ug/l #	92
38) Carbon Tetrachloride	7.899	117	101876	44.255	ug/l	99
39) Methylcyclohexane	9.185	83	109701	39.545	ug/l #	84
40) Benzene	8.161	78	273339	42.525	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	71498	115.758	ug/l #	40
42) 1,2-Dichloroethane	8.240	62	85344	45.319	ug/l	91
43) Isopropyl Acetate	8.271	43	103658	49.043	ug/l #	87
44) Trichloroethene	8.941	130	78256	43.271	ug/l	97
45) 1,2-Dichloropropane	9.215	63	72322	46.078	ug/l	96
46) Dibromomethane	9.307	93	47912	45.516	ug/l	94
47) Bromodichloromethane	9.496	83	109053	46.714	ug/l	100
48) Methyl methacrylate	9.295	41	43501	48.244	ug/l #	73
49) 1,4-Dioxane	9.301	88	12446	926.391	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	280569	256.370	ug/l #	85
52) Toluene	10.246	92	187719	44.424	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	114669	47.595	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	123122	45.719	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	69308	46.642	ug/l	97
56) Ethyl methacrylate	10.508	69	90390	48.995	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	111169	46.342	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	152829	193.627	ug/l	90
59) 2-Hexanone	10.831	43	196680	259.971	ug/l	80
60) Dibromochloromethane	10.983	129	83237	48.103	ug/l	100
61) 1,2-Dibromoethane	11.087	107	65707	45.151	ug/l	98
64) Tetrachloroethene	10.721	164	63993	43.148	ug/l	96
65) Chlorobenzene	11.514	112	212514	46.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	83561	49.070	ug/l	96
67) Ethyl Benzene	11.593	91	372301	47.757	ug/l	98
68) m/p-Xylenes	11.703	106	289679	93.346	ug/l	93
69) o-Xylene	12.032	106	140842	46.854	ug/l	91
70) Styrene	12.044	104	242205	48.490	ug/l	94
71) Bromoform	12.209	173	52053	50.224	ug/l #	98
73) Isopropylbenzene	12.331	105	375602	49.217	ug/l	100
74) N-amyl acetate	12.142	43	93807	54.242	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	86899	52.519	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	106143	91.180	ug/l #	100
77) Bromobenzene	12.611	156	88033	46.733	ug/l	95
78) n-propylbenzene	12.672	91	443034	48.944	ug/l	98
79) 2-Chlorotoluene	12.758	91	247878	48.652	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	307531	49.093	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	28713	54.779	ug/l #	82
82) 4-Chlorotoluene	12.855	91	256263	48.771	ug/l	97
83) tert-Butylbenzene	13.075	119	277421	49.647	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	309848	49.921	ug/l	98
85) sec-Butylbenzene	13.257	105	417922	50.228	ug/l	99
86) p-Isopropyltoluene	13.373	119	351739	50.845	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	178613	48.229	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	176731	48.229	ug/l	98
89) n-Butylbenzene	13.696	91	317288	50.364	ug/l	99
90) Hexachloroethane	13.965	117	67117	51.890	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	159779	48.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12300	51.747	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	91522	46.957	ug/l	99
94) Hexachlorobutadiene	15.111	225	46142	47.137	ug/l	99
95) Naphthalene	15.239	128	204605	48.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	79646	46.541	ug/l	99

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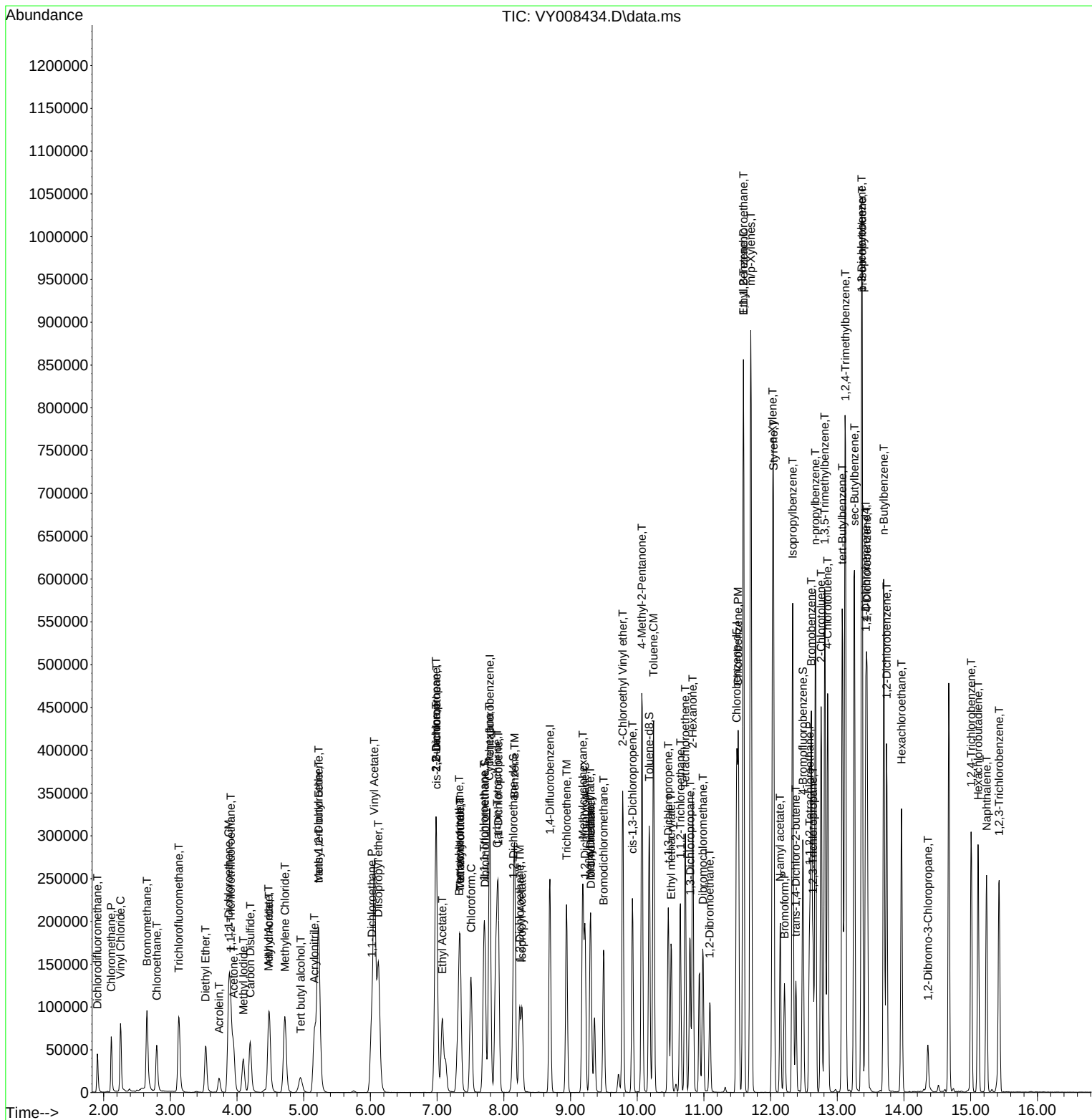
Instrument :
MSVOA_Y
ClientSampleId :

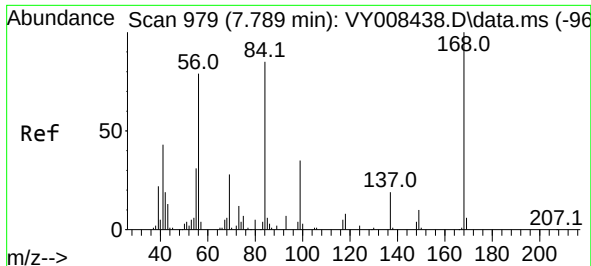
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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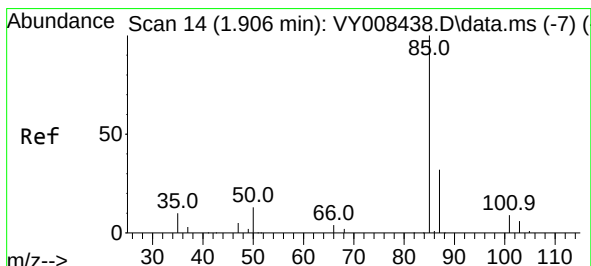
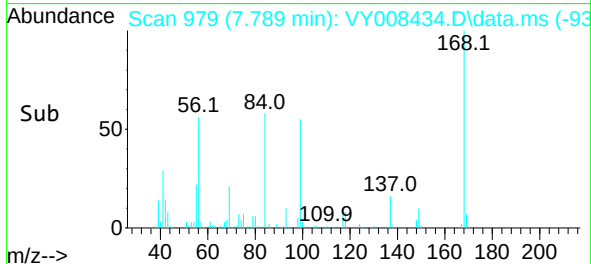
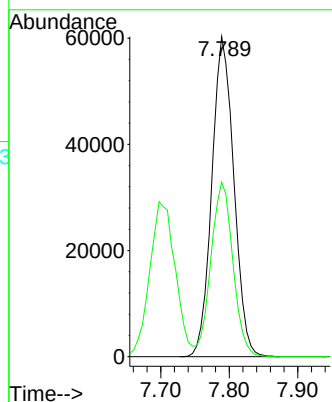
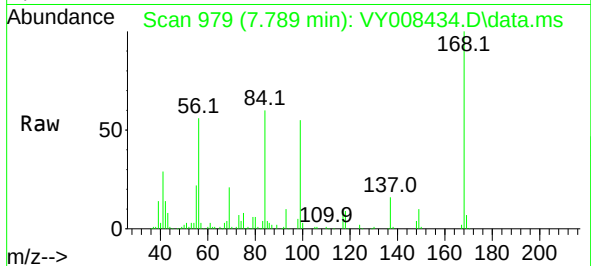




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008434.D
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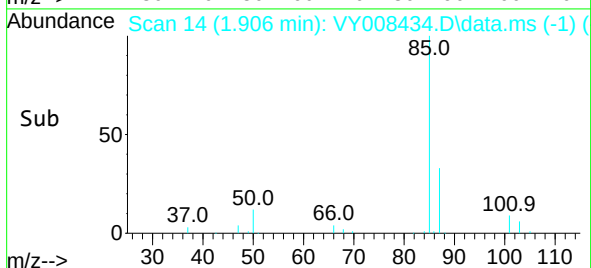
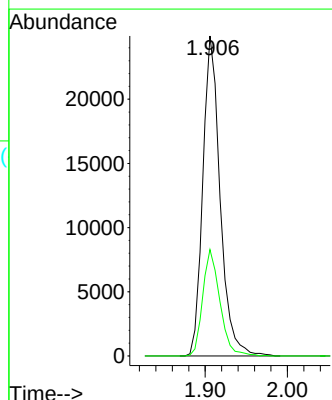
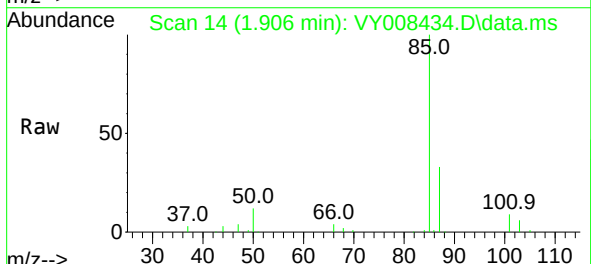
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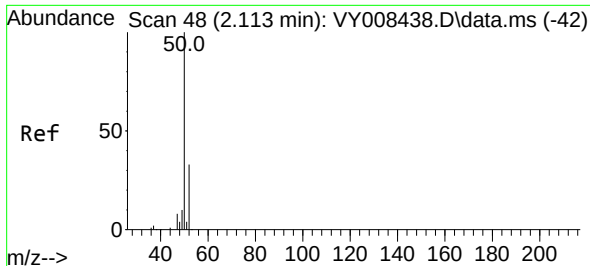
Tgt Ion:168 Resp: 134294
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 31.342 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

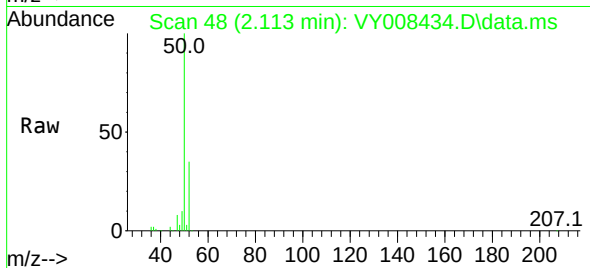
Tgt Ion: 85 Resp: 36415
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2



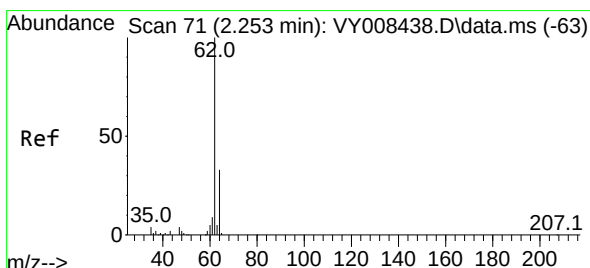
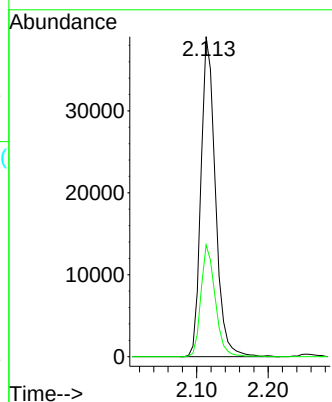
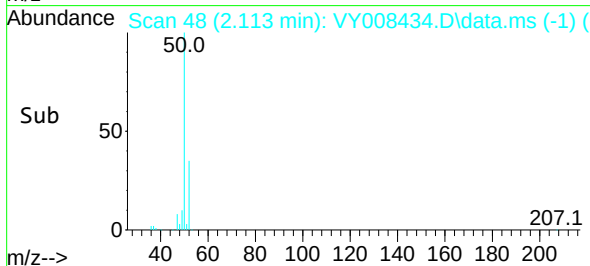


#3
Chloromethane
Concen: 34.714 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008434.D
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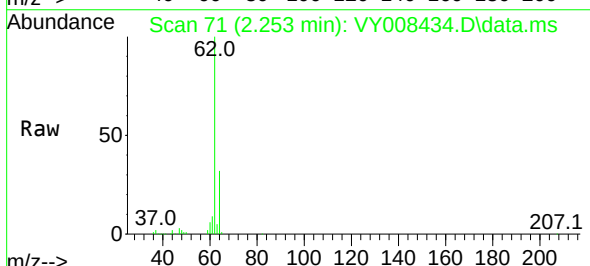
Instrument :
MSVOA_Y
ClientSampleId :



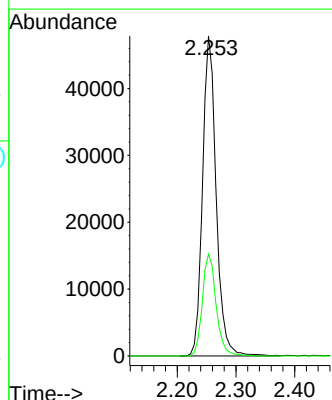
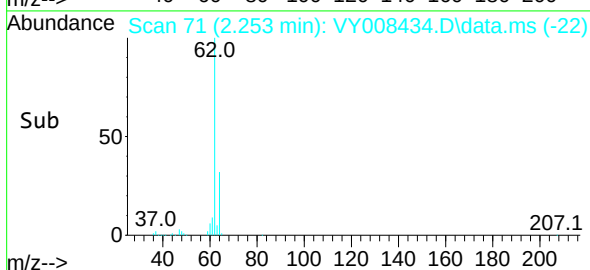
Tgt Ion: 50 Resp: 54722
Ion Ratio Lower Upper
50 100
52 34.9 24.6 37.0

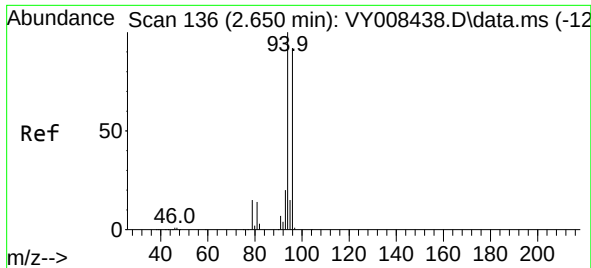


#4
Vinyl Chloride
Concen: 37.018 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40



Tgt Ion: 62 Resp: 77042
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

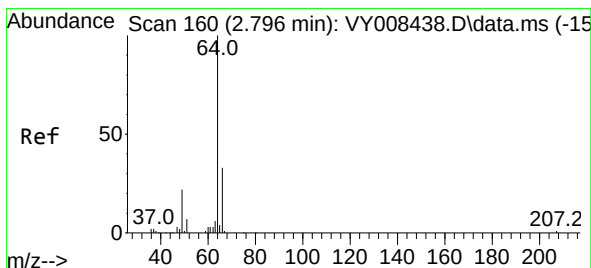
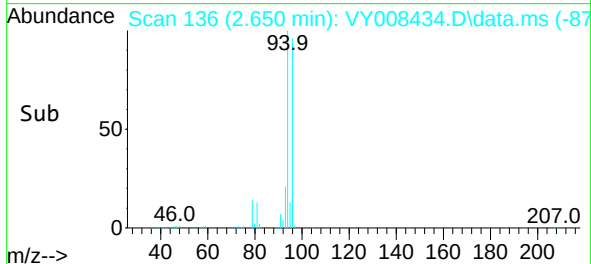
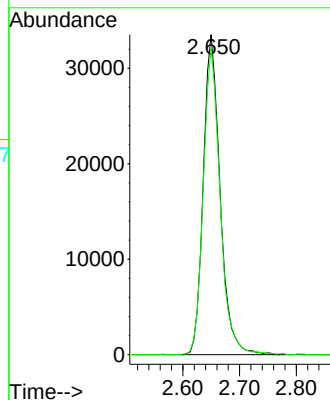
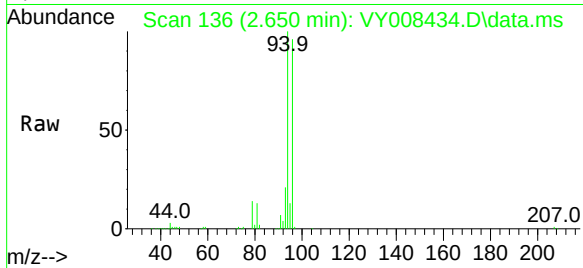




#5
Bromomethane
Concen: 36.621 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

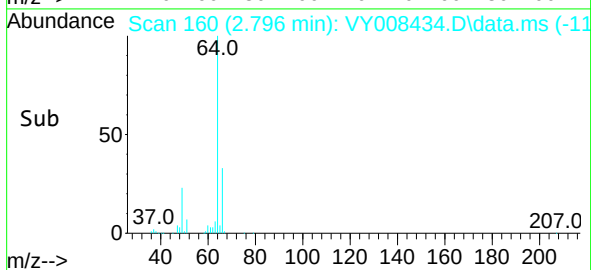
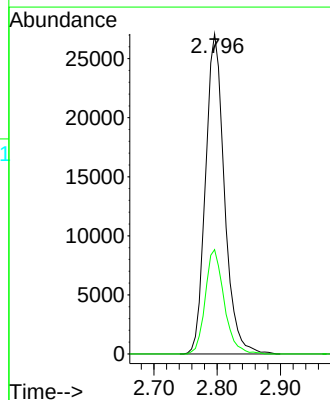
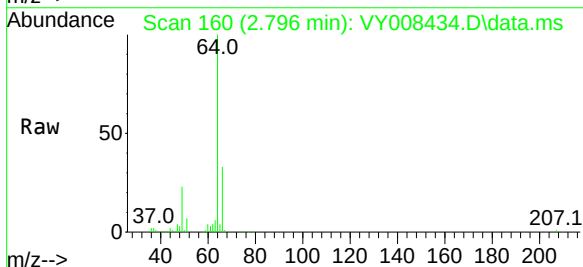
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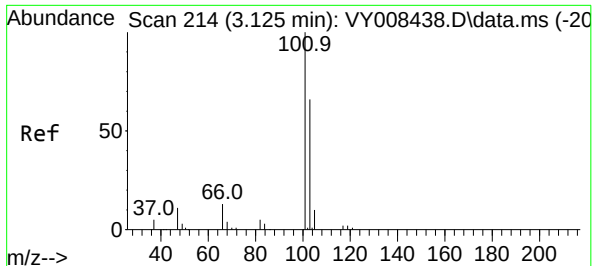
Tgt Ion: 94 Resp: 68978
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3



#6
Chloroethane
Concen: 39.216 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 64 Resp: 56329
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

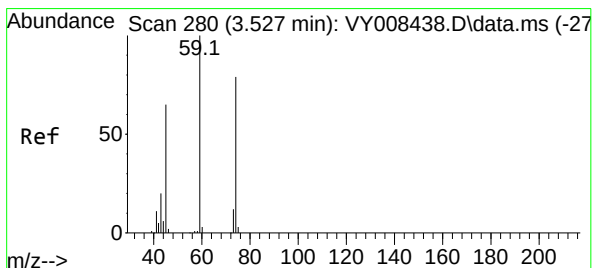
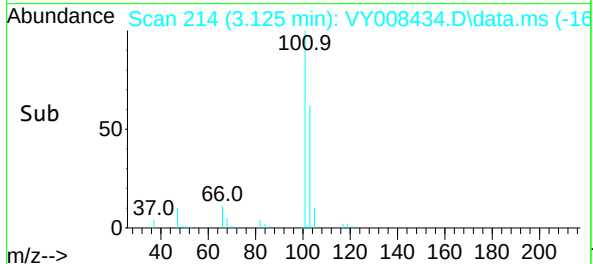
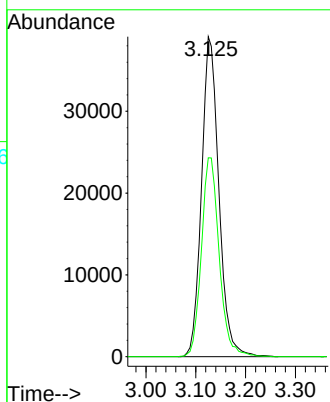
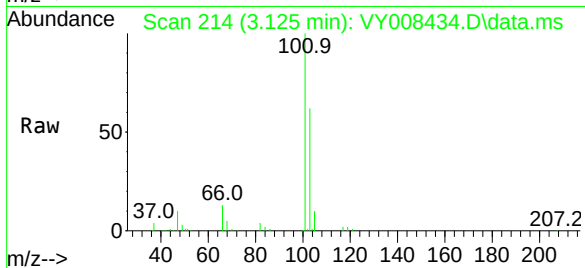




#7
Trichlorofluoromethane
Concen: 39.711 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008434.D
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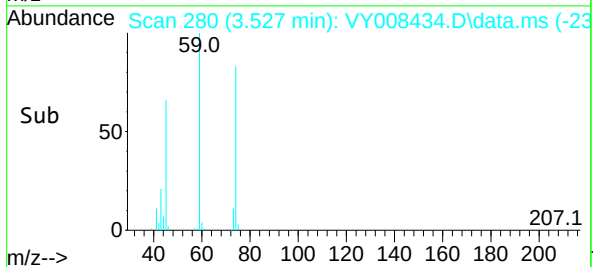
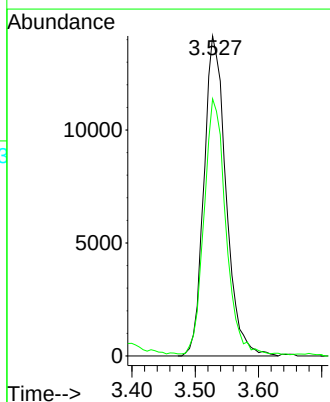
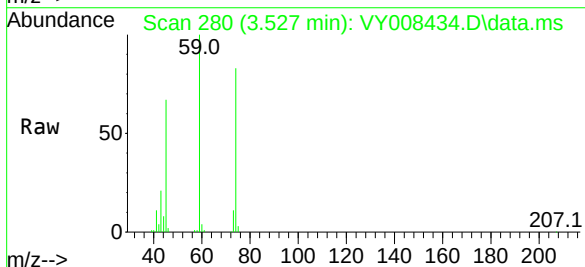
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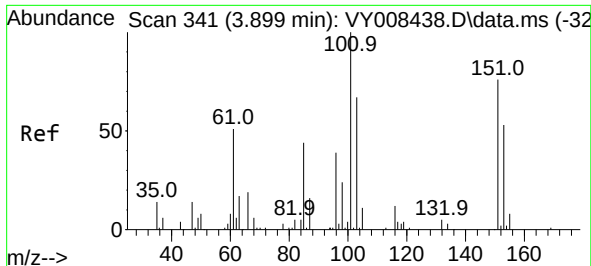
Tgt Ion:101 Resp: 94426
Ion Ratio Lower Upper
101 100
103 62.1 48.0 72.0



#8
Diethyl Ether
Concen: 40.020 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008434.D
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Tgt Ion: 74 Resp: 34389
Ion Ratio Lower Upper
74 100
45 79.0 55.1 165.5

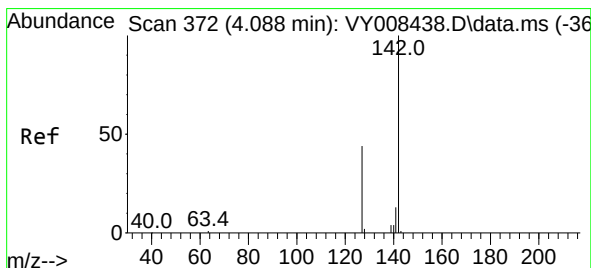
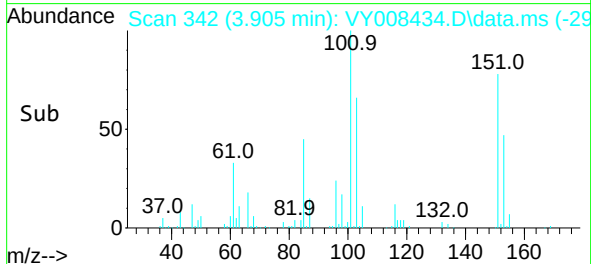
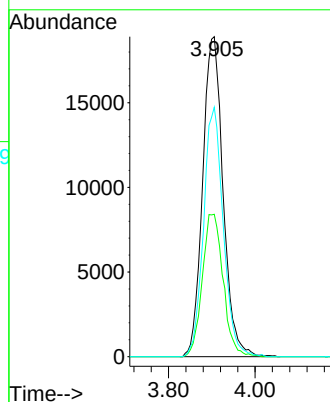
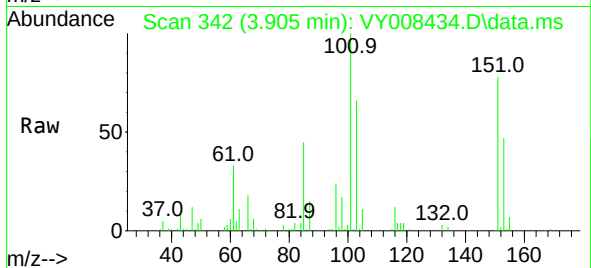




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.000 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
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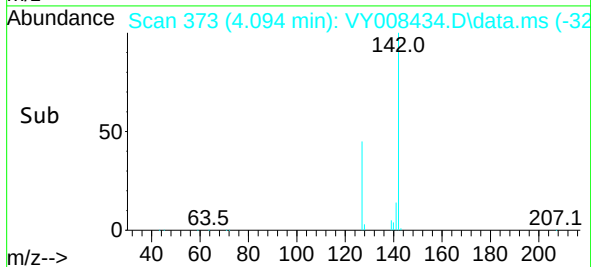
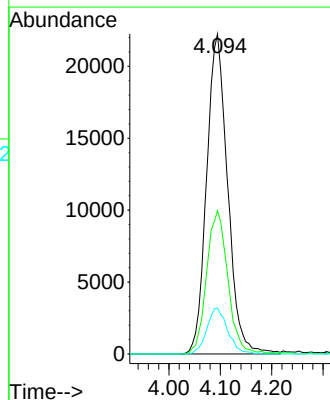
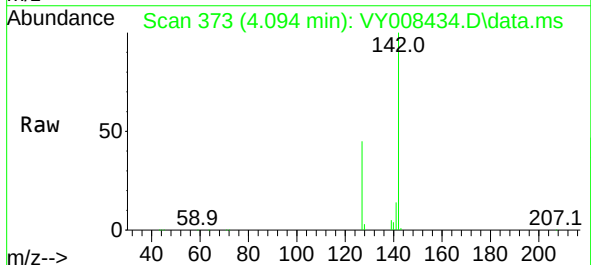
Instrument :
MSVOA_Y
ClientSampleId :

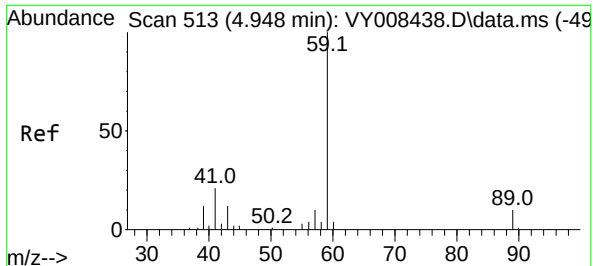
Tgt Ion:101 Resp: 62005
Ion Ratio Lower Upper
101 100
85 45.3 40.6 60.8
151 75.5 64.9 97.3



#10
Methyl Iodide
Concen: 40.494 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion:142 Resp: 63211
Ion Ratio Lower Upper
142 100
127 45.1 41.5 62.3
141 14.2 11.9 17.9

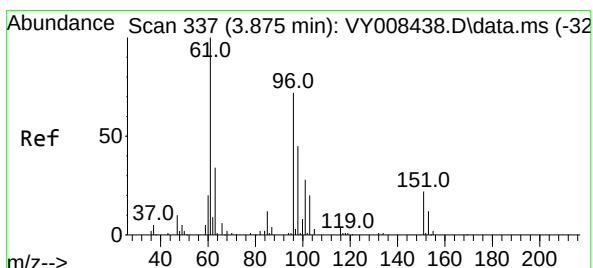
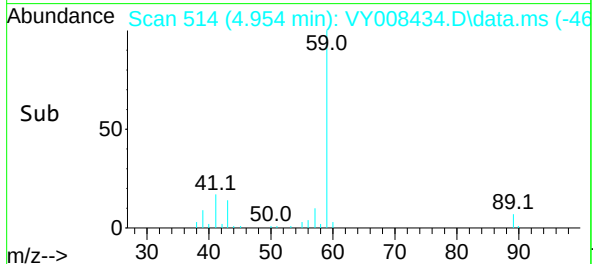
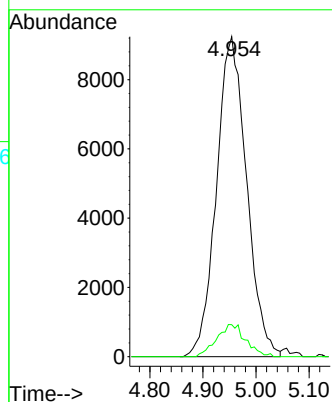
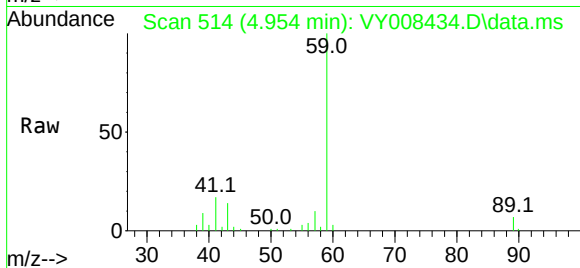




#11
Tert butyl alcohol
Concen: 254.456 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

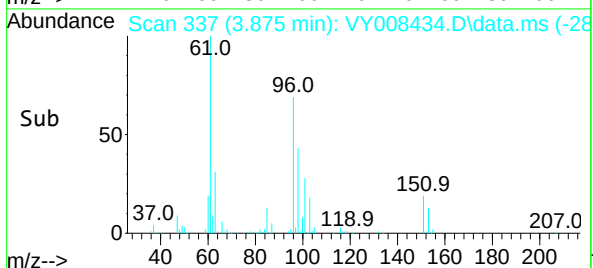
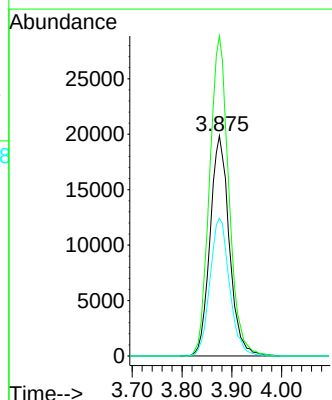
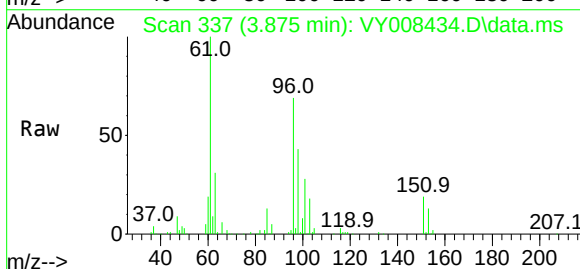
Instrument :
MSVOA_Y
ClientSampleId :

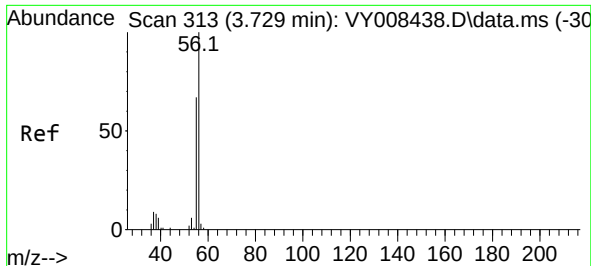
Tgt Ion: 59 Resp: 36448
Ion Ratio Lower Upper
59 100
57 9.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 38.514 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 96 Resp: 53089
Ion Ratio Lower Upper
96 100
61 145.3 145.8 218.6#
98 62.5 52.5 78.7





#13

Acrolein

Concen: 174.678 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

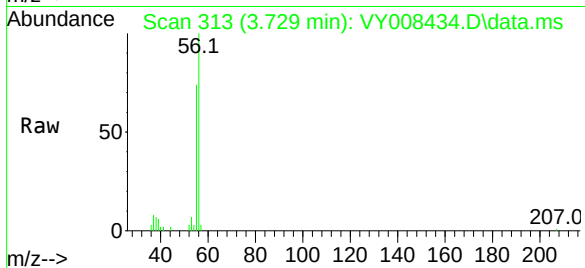
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :

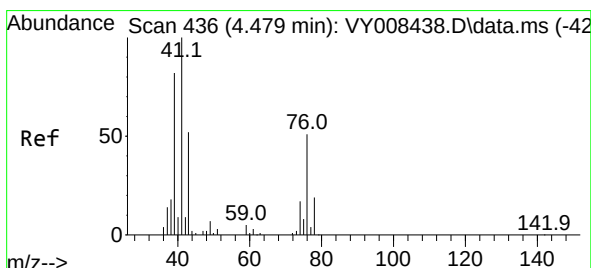
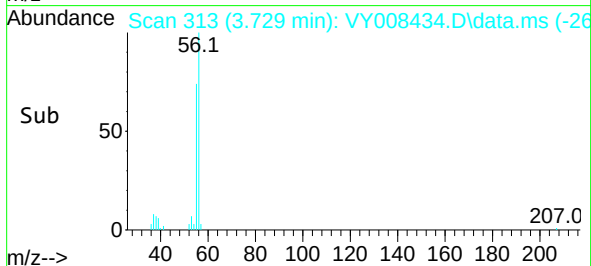
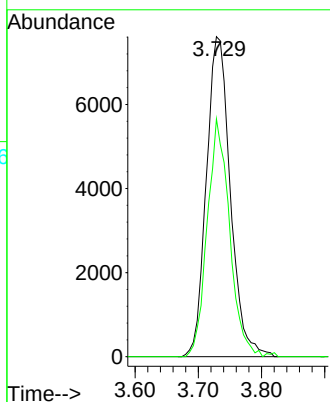


Tgt Ion: 56 Resp: 20043

Ion Ratio Lower Upper

56 100

55 69.1 57.6 86.4



#14

Allyl chloride

Concen: 41.704 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

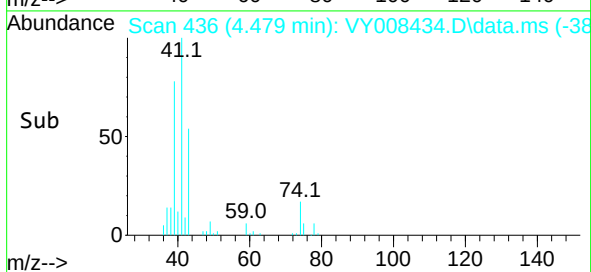
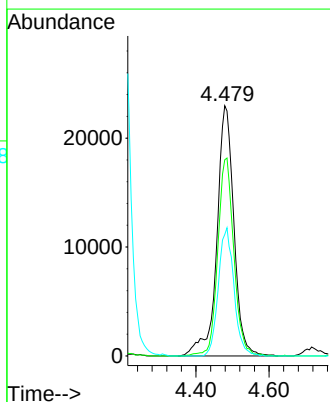
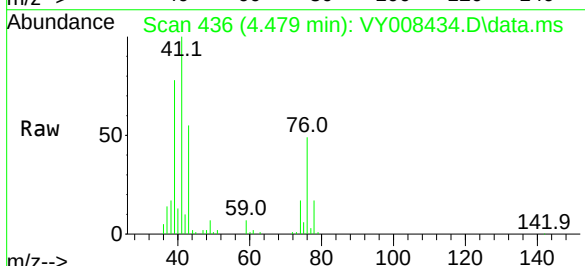
Tgt Ion: 41 Resp: 74638

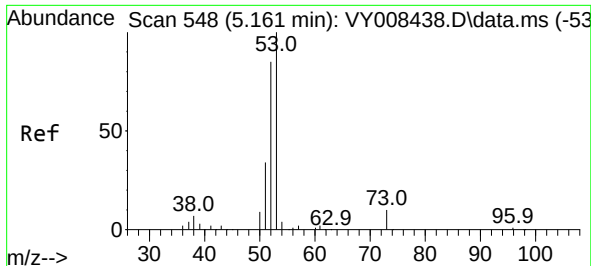
Ion Ratio Lower Upper

41 100

39 74.4 58.8 88.2

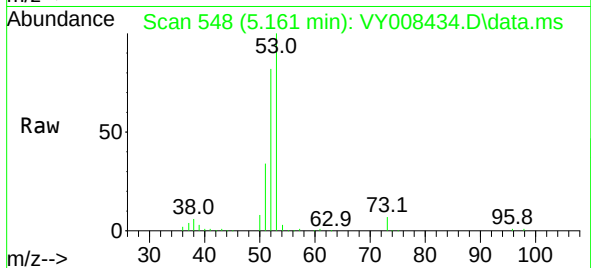
76 46.8 25.1 37.7#



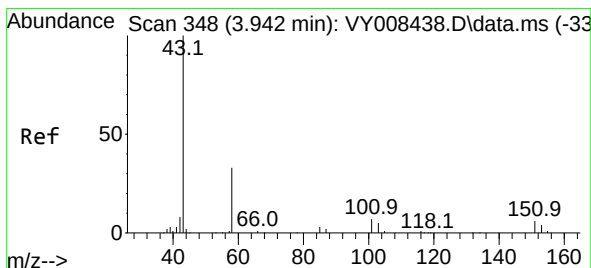
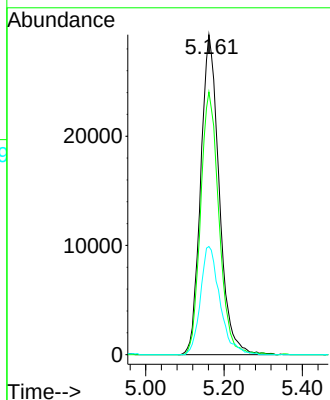
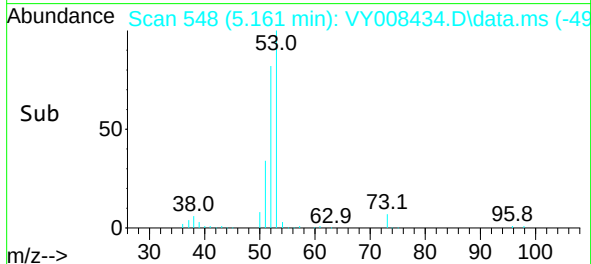


#15
Acrylonitrile
Concen: 227.176 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

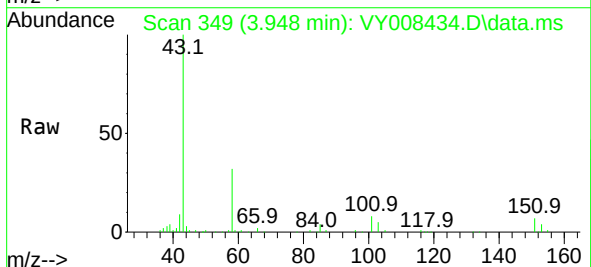
Instrument :
MSVOA_Y
ClientSampleId :



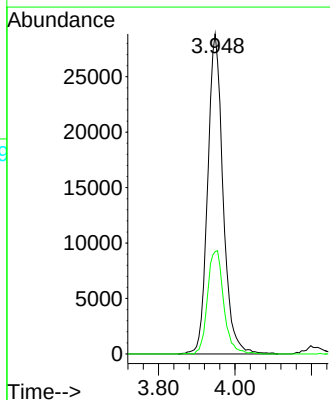
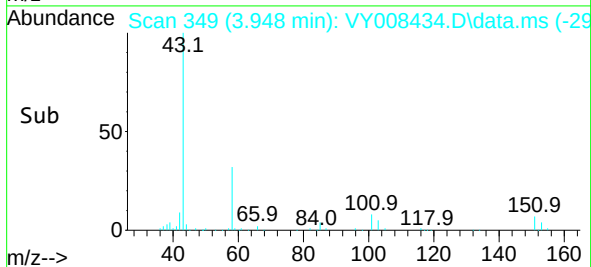
Tgt Ion: 53 Resp: 96051
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 35.5 29.8 44.6

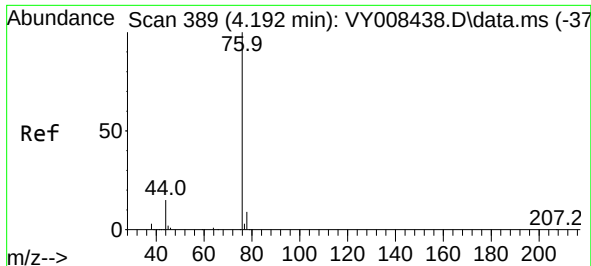


#16
Acetone
Concen: 247.803 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40



Tgt Ion: 43 Resp: 80418
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0

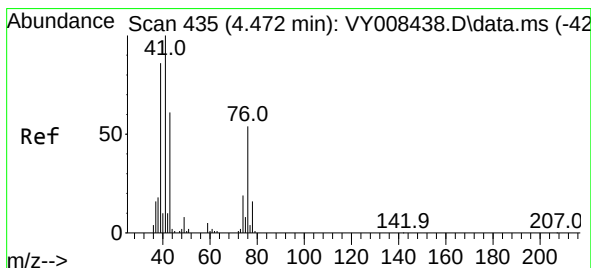
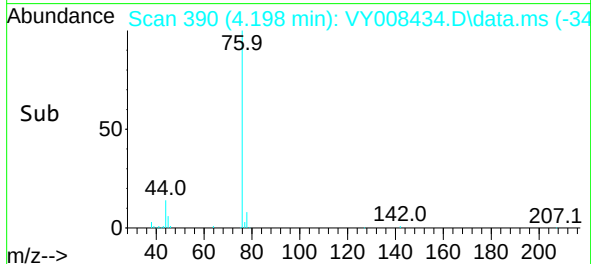
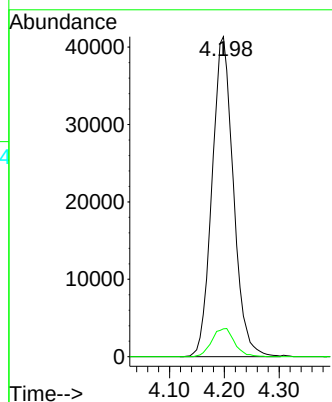
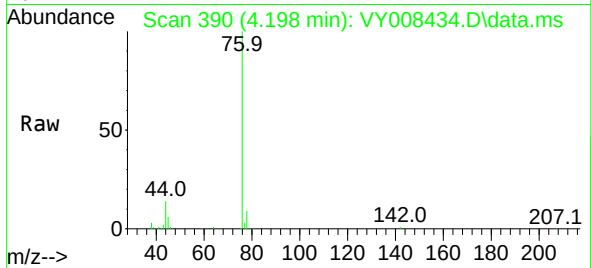




#17
Carbon Disulfide
Concen: 29.735 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

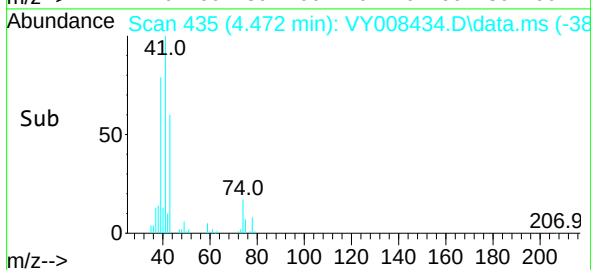
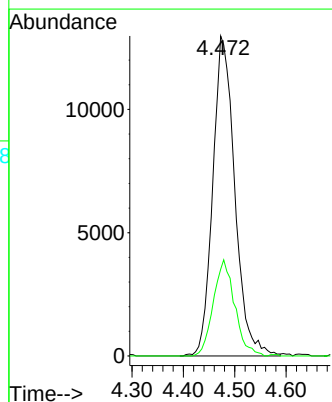
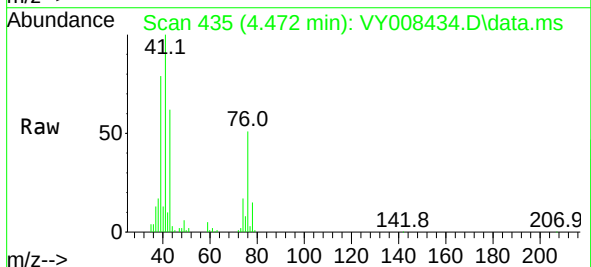
Instrument :
MSVOA_Y
ClientSampleId :

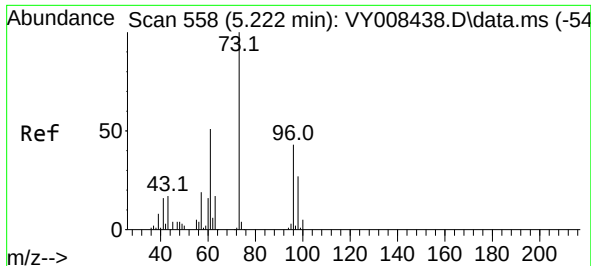
Tgt Ion: 76 Resp: 111723
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 41.653 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 43 Resp: 38611
Ion Ratio Lower Upper
43 100
74 29.2 16.6 24.8#

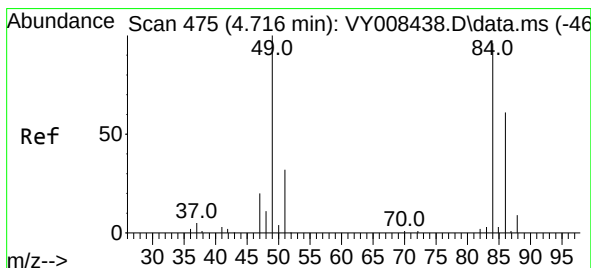
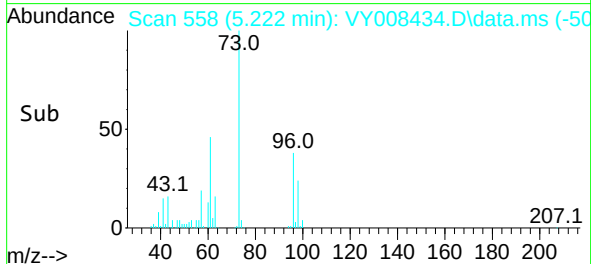
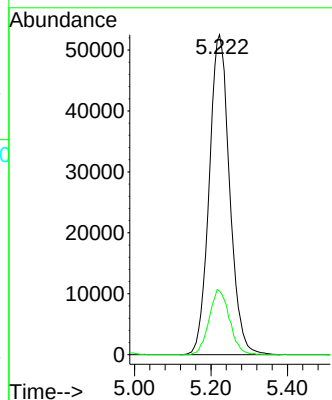
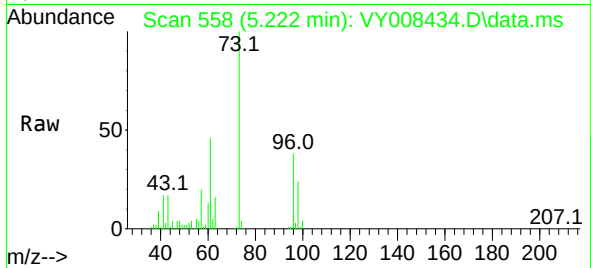




#19
Methyl tert-butyl Ether
Concen: 45.374 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

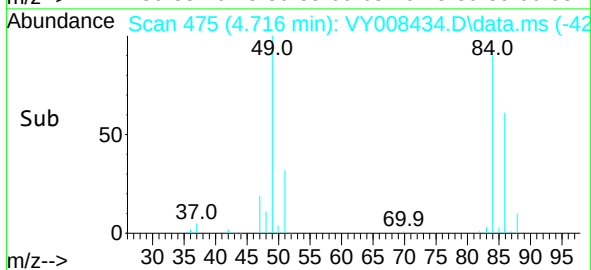
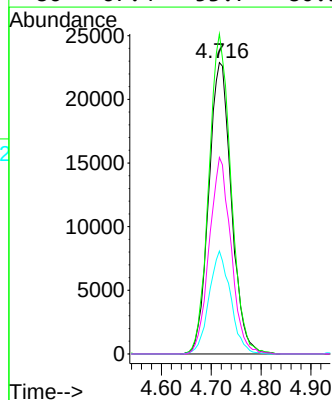
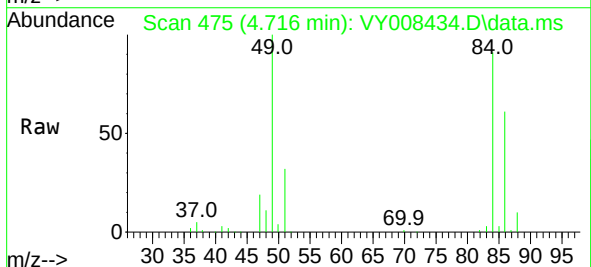
Instrument :
MSVOA_Y
ClientSampleId :

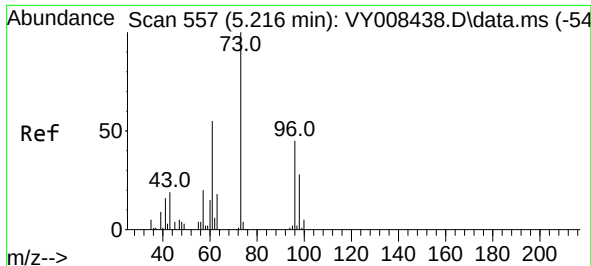
Tgt Ion: 73 Resp: 194420
Ion Ratio Lower Upper
73 100
57 19.9 18.6 27.8



#20
Methylene Chloride
Concen: 33.060 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

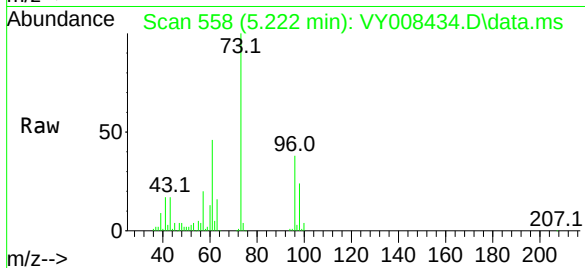
Tgt Ion: 84 Resp: 72096
Ion Ratio Lower Upper
84 100
49 109.8 114.4 171.6#
51 35.3 35.3 52.9
86 67.4 53.7 80.5



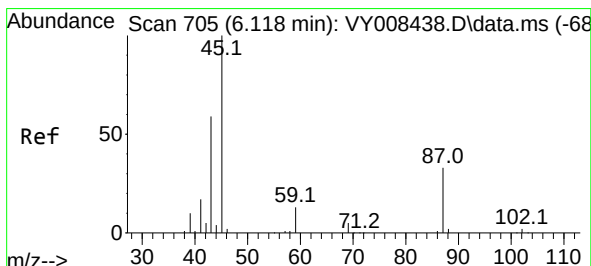
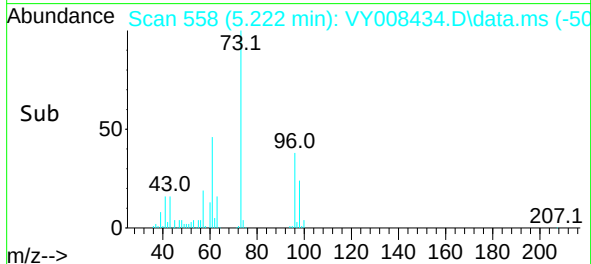
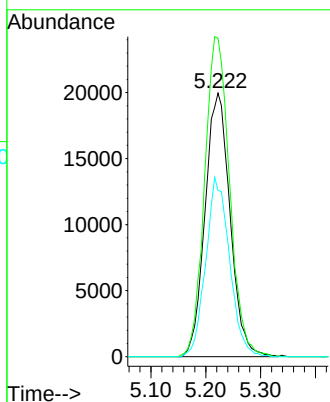


#21
trans-1,2-Dichloroethene
Concen: 38.187 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Instrument :
MSVOA_Y
ClientSampleId :

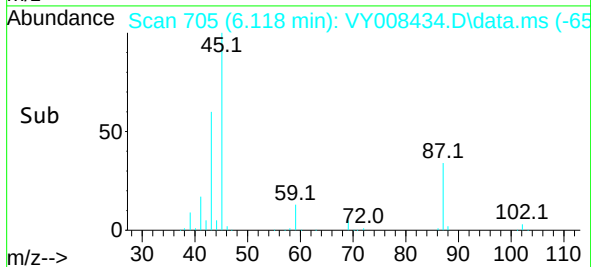
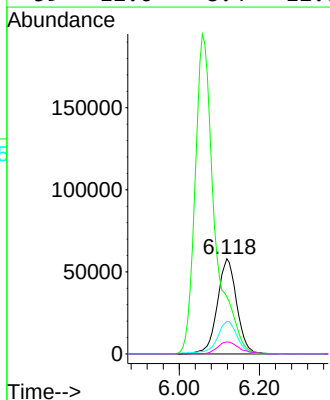
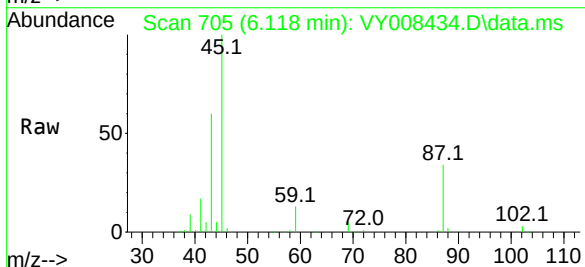


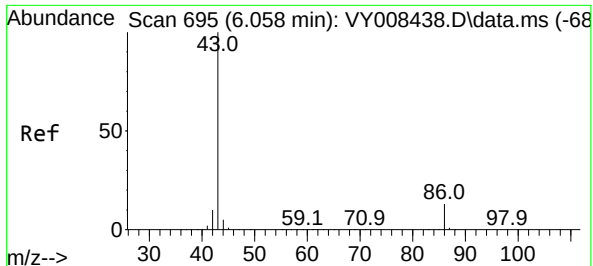
Tgt Ion: 96 Resp: 63290
Ion Ratio Lower Upper
96 100
61 120.8 120.5 180.7
98 63.1 49.8 74.8



#22
Diisopropyl ether
Concen: 45.686 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 45 Resp: 194145
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 34.3 19.2 28.8#
59 12.6 8.4 12.6#





#23

Vinyl Acetate

Concen: 234.463 ug/l

RT: 6.058 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

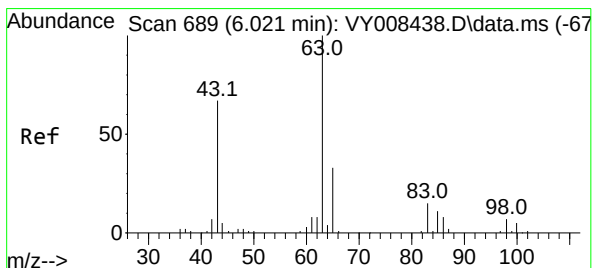
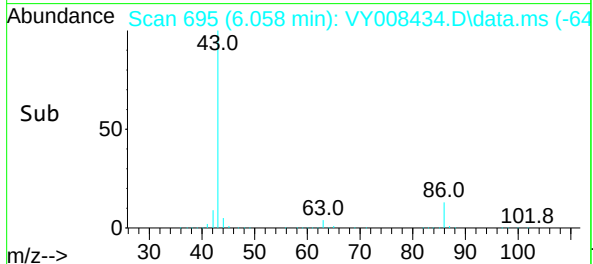
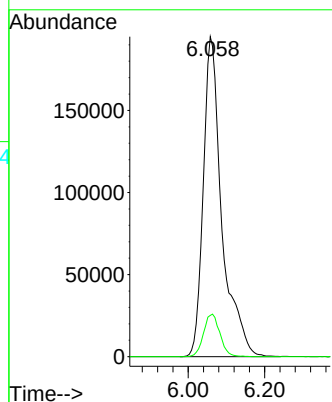
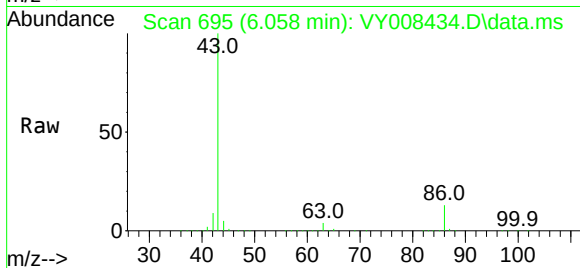
ClientSampleId :

Tgt Ion: 43 Resp: 657372

Ion Ratio Lower Upper

43 100

86 12.9 7.1 10.7#



#24

1,1-Dichloroethane

Concen: 43.655 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

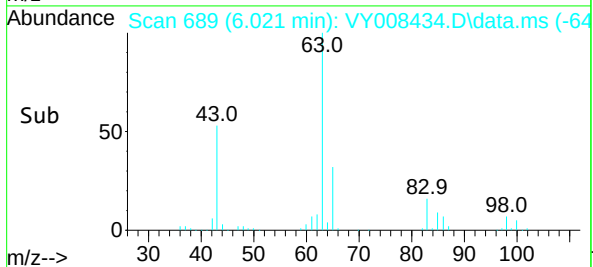
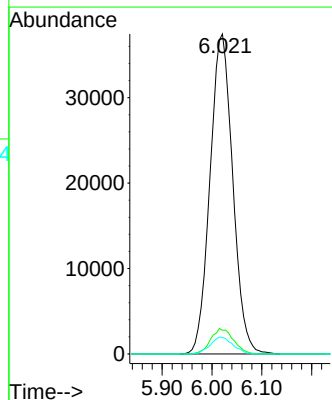
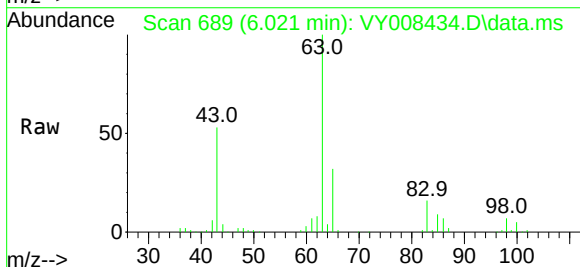
Tgt Ion: 63 Resp: 118640

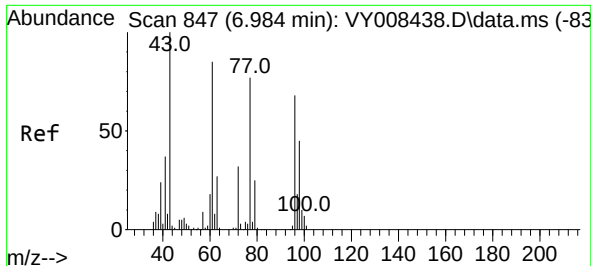
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.1 2.0 5.8





#25

2-Butanone

Concen: 238.294 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

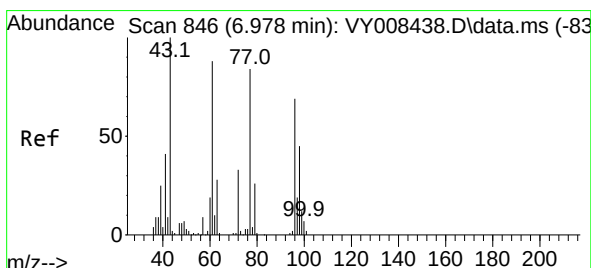
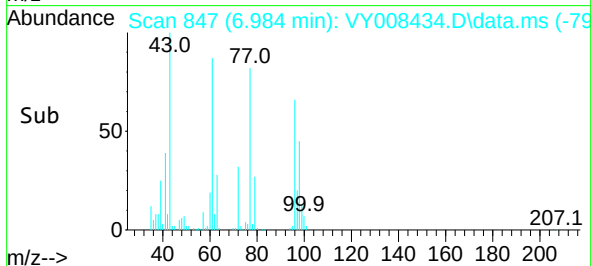
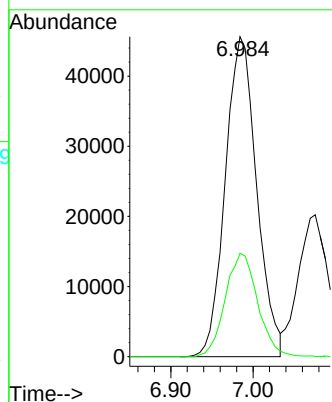
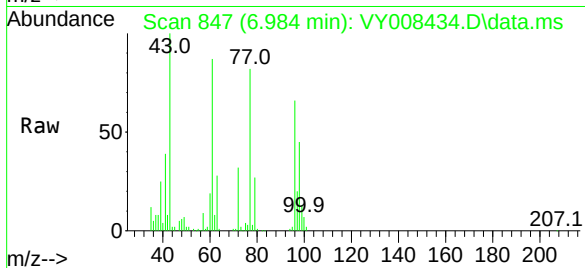
ClientSampleId :

Tgt Ion: 43 Resp: 120860

Ion Ratio Lower Upper

43 100

72 32.3 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.472 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008434.D

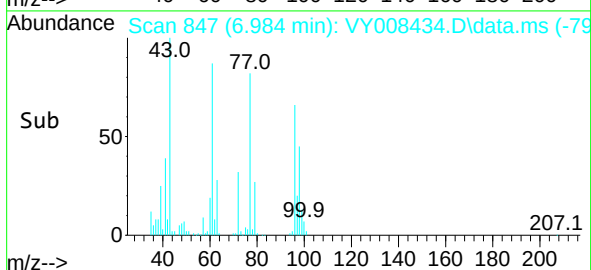
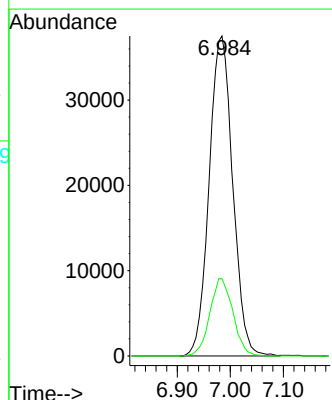
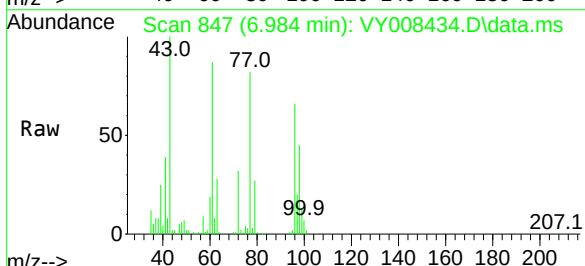
Acq: 21 Apr 2022 10:40

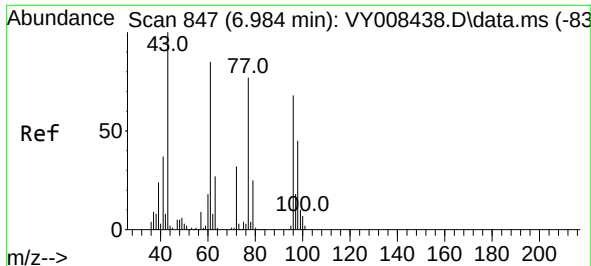
Tgt Ion: 77 Resp: 115894

Ion Ratio Lower Upper

77 100

97 23.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 42.917 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

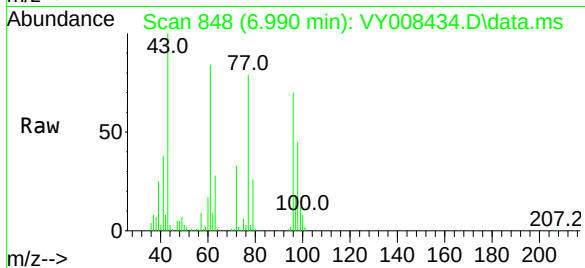
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :



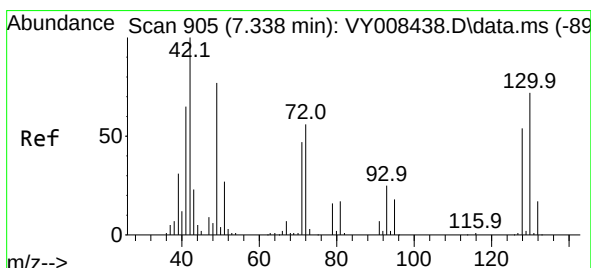
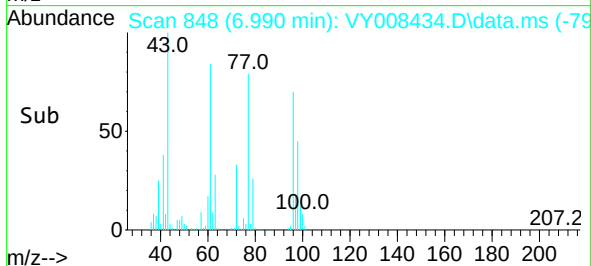
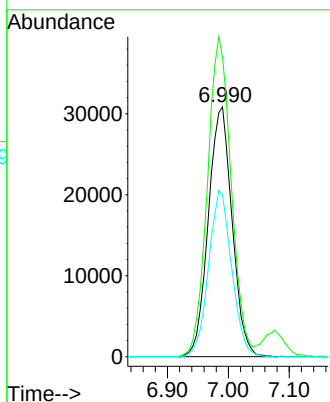
Tgt Ion: 96 Resp: 83750

Ion Ratio Lower Upper

96 100

61 127.8 0.0 319.8

98 64.6 0.0 127.0



#28

Bromochloromethane

Concen: 49.762 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

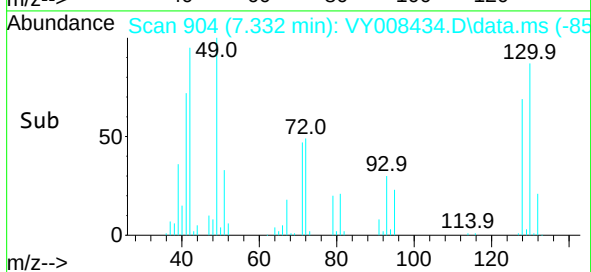
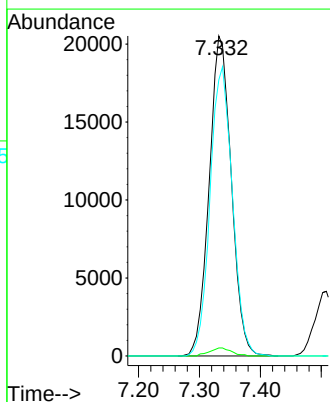
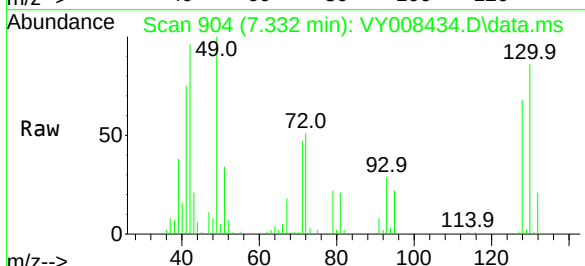
Tgt Ion: 49 Resp: 51810

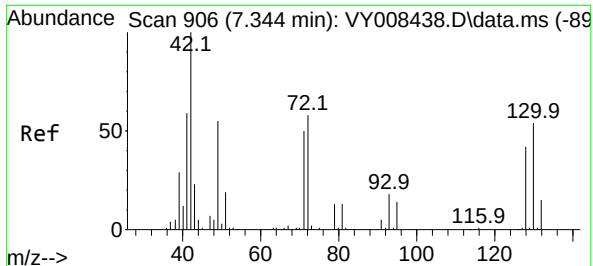
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 91.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 234.231 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

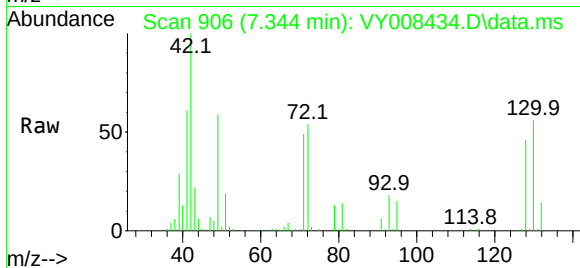
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

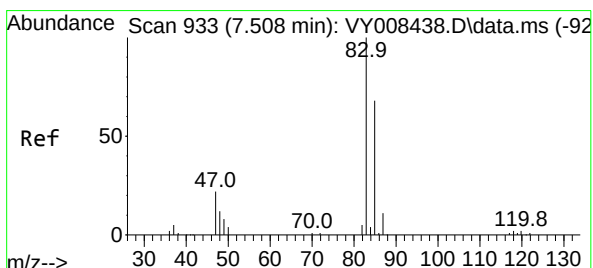
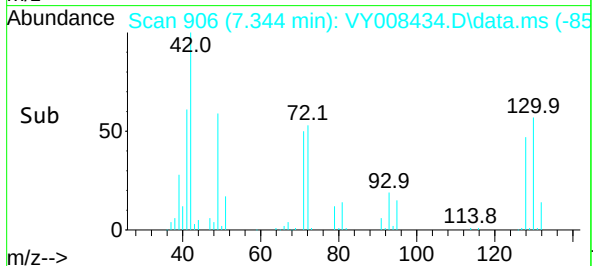
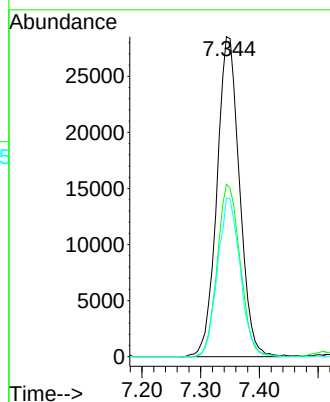
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	76162
Ion Ratio	Lower	Upper	
42	100		
72	54.6	30.3	45.5#
71	49.8	29.0	43.4#



#30

Chloroform

Concen: 44.581 ug/l

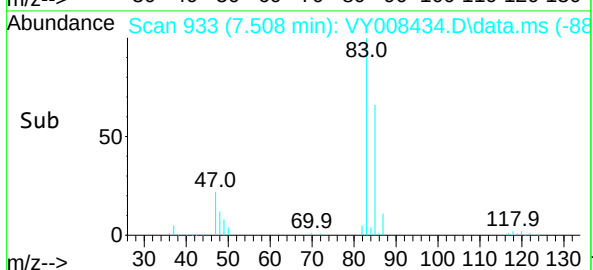
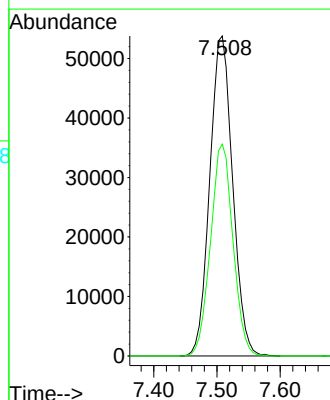
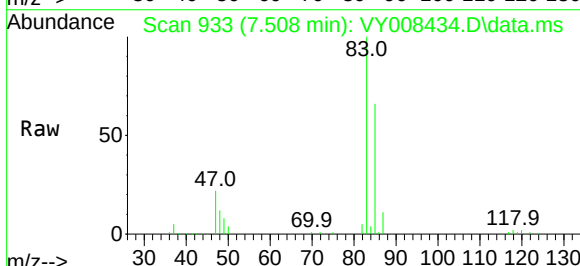
RT: 7.508 min Scan# 933

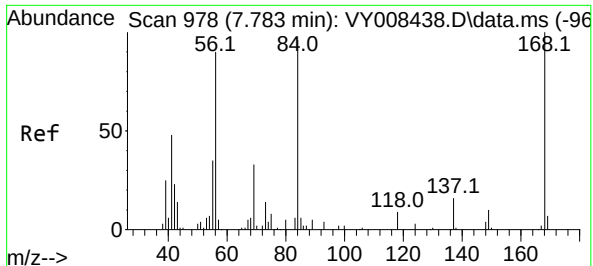
Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Tgt Ion:	83	Resp:	135079
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.8	77.6





#31

Cyclohexane

Concen: 36.356 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :

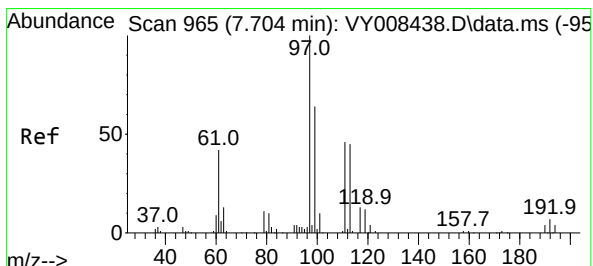
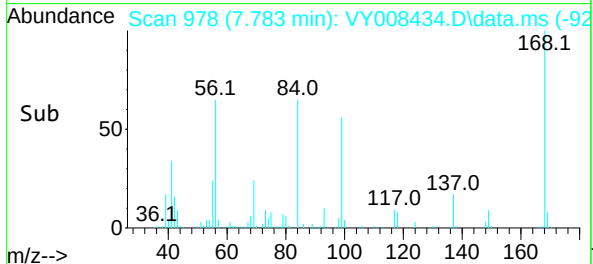
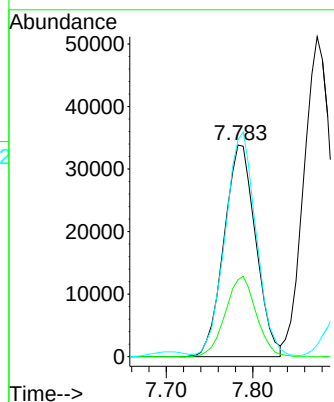
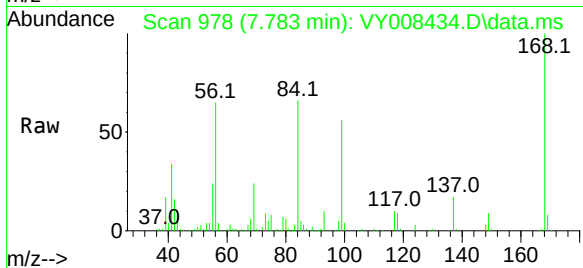
Tgt Ion: 56 Resp: 86337

Ion Ratio Lower Upper

56 100

69 36.3 26.7 40.1

84 100.5 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 44.394 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

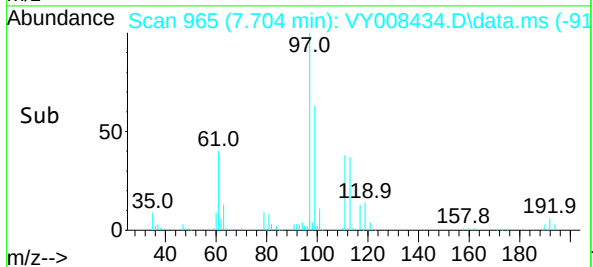
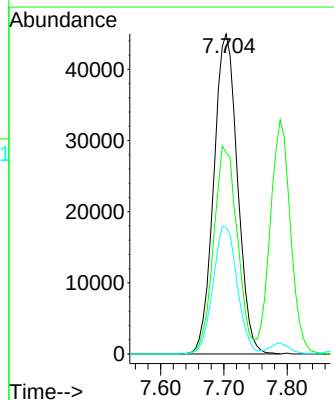
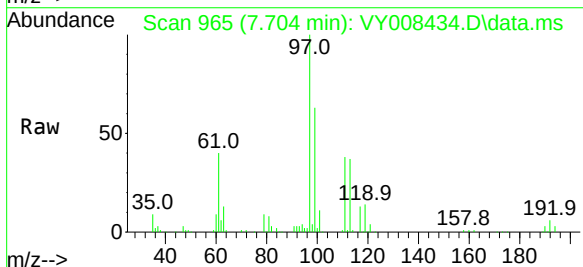
Tgt Ion: 97 Resp: 117100

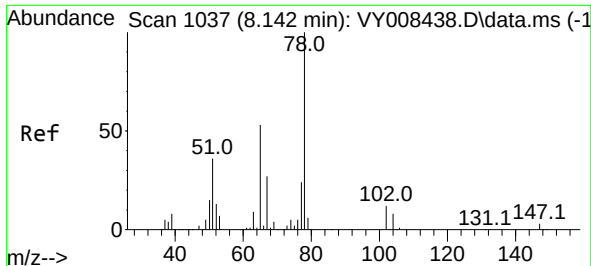
Ion Ratio Lower Upper

97 100

99 64.8 50.7 76.1

61 40.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 41.977 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

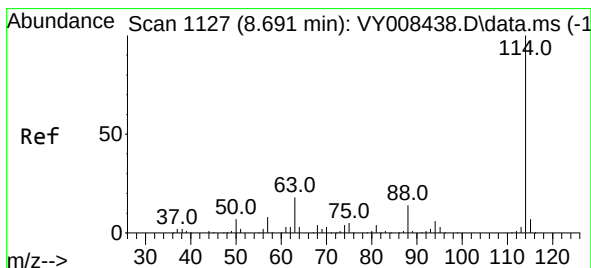
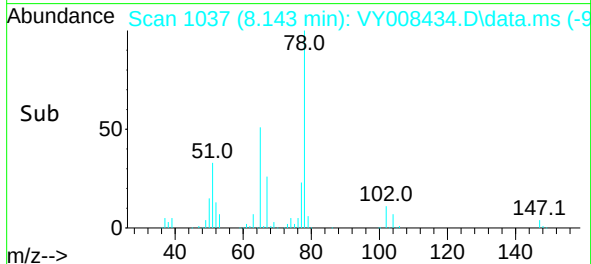
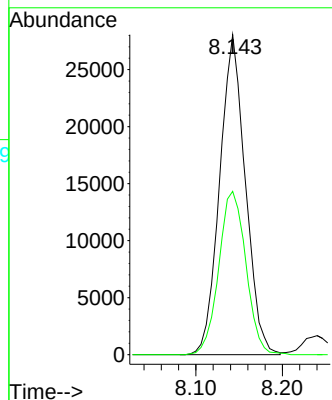
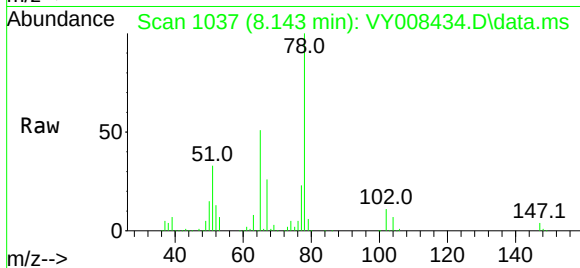
ClientSampleId :

Tgt Ion: 65 Resp: 57817

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

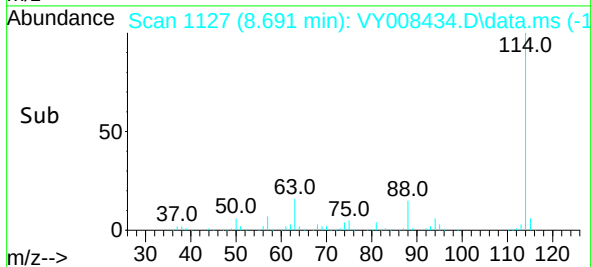
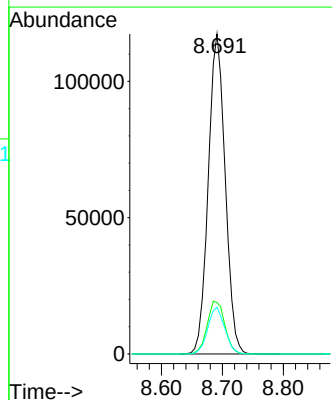
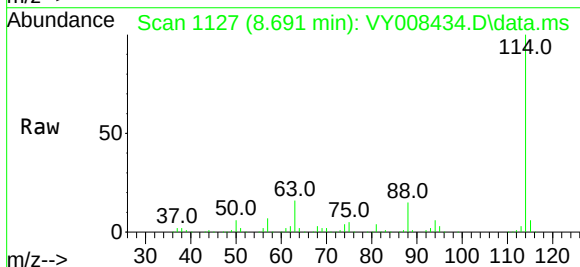
Tgt Ion: 114 Resp: 226529

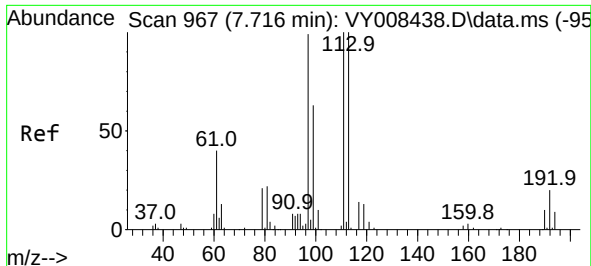
Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

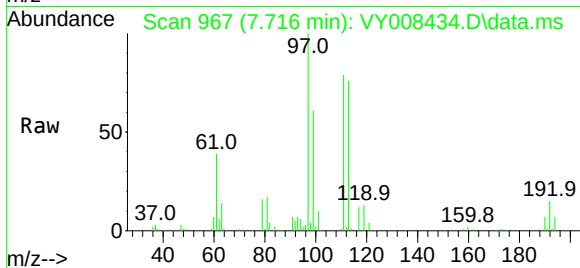
88 14.6 0.0 31.8



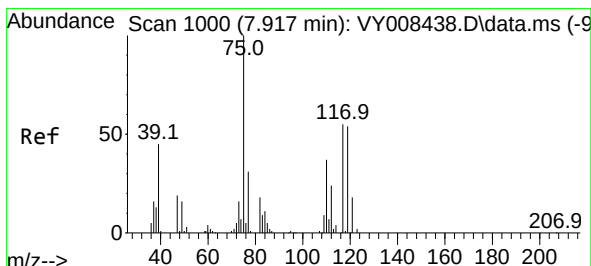
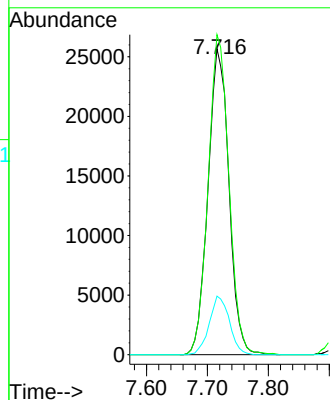
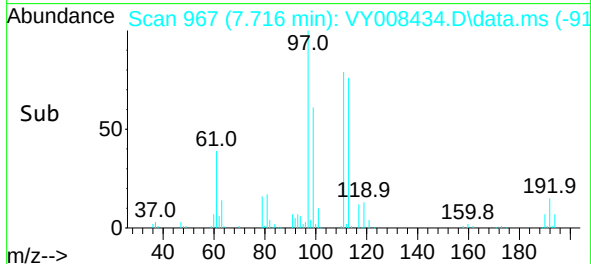


#35
Dibromofluoromethane
Concen: 44.420 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

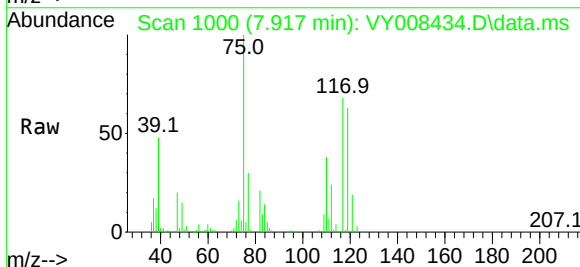
Instrument :
MSVOA_Y
ClientSampleId :



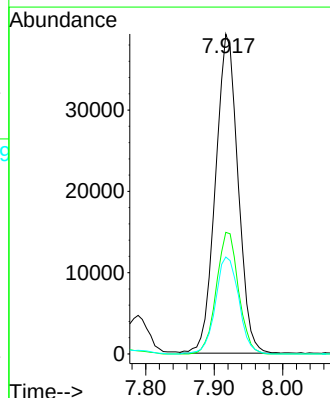
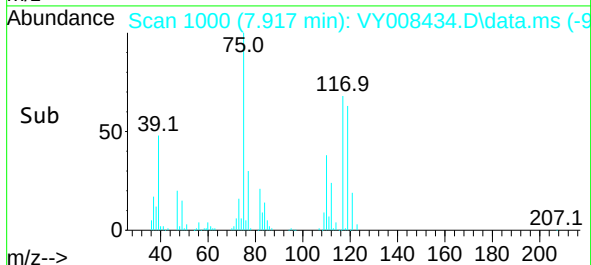
Tgt Ion:113 Resp: 61404
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.4 17.6 26.4

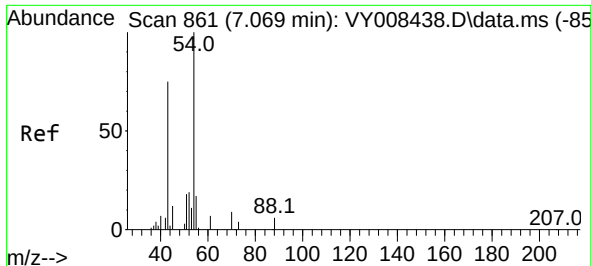


#36
1,1-Dichloropropene
Concen: 41.550 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40



Tgt Ion: 75 Resp: 89482
Ion Ratio Lower Upper
75 100
110 37.5 17.1 51.2
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 47.239 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

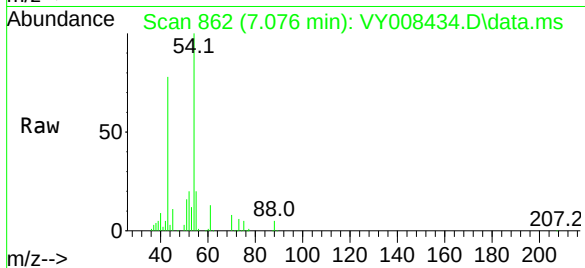
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :



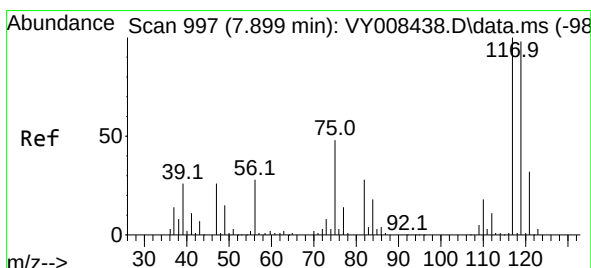
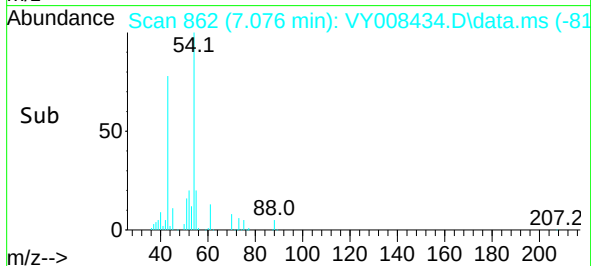
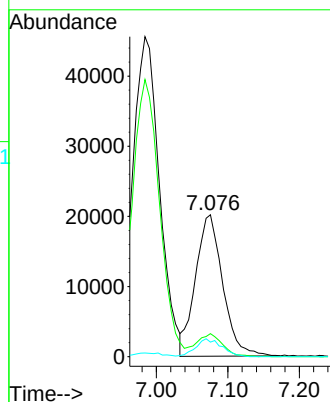
Tgt Ion: 43 Resp: 53283

Ion Ratio Lower Upper

43 100

61 14.9 9.7 14.5#

70 12.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 44.255 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

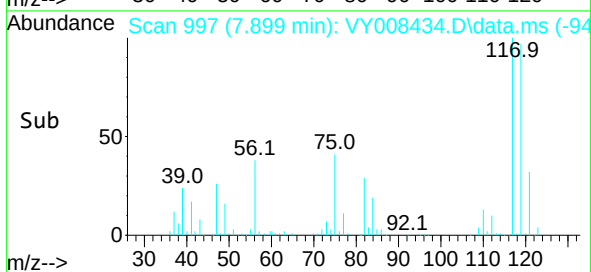
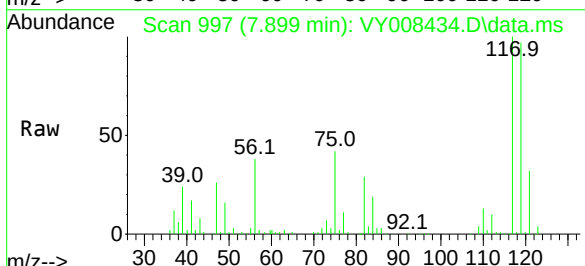
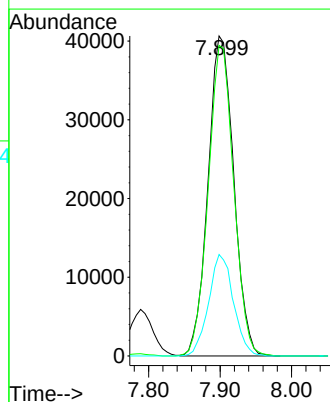
Tgt Ion: 117 Resp: 101876

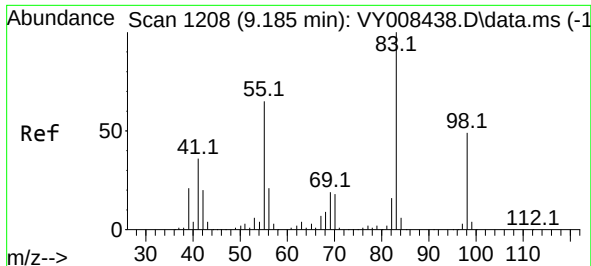
Ion Ratio Lower Upper

117 100

119 97.0 77.9 116.9

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 39.545 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :

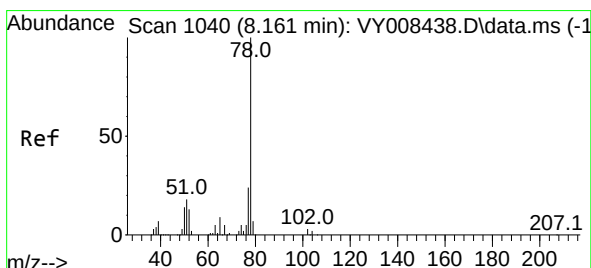
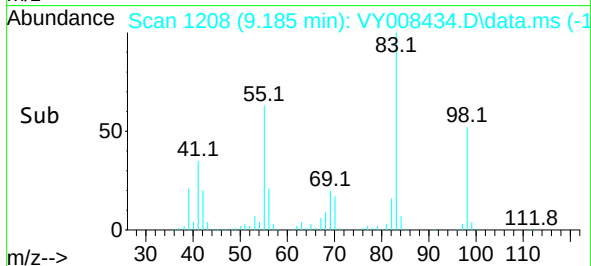
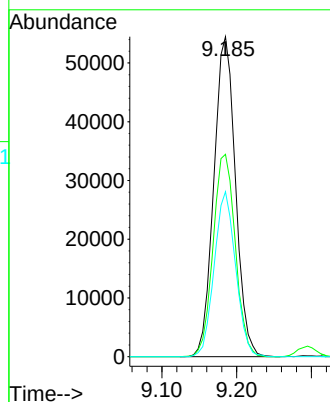
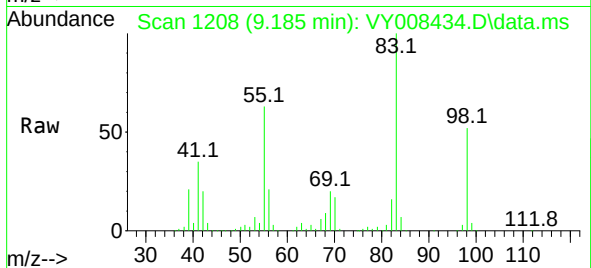
Tgt Ion: 83 Resp: 109701

Ion Ratio Lower Upper

83 100

55 63.2 66.5 99.7#

98 51.6 37.9 56.9



#40

Benzene

Concen: 42.525 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008434.D

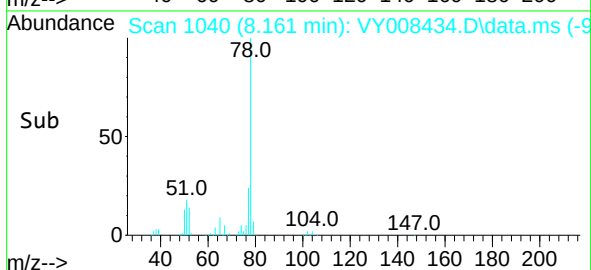
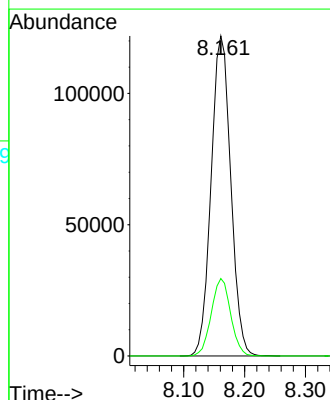
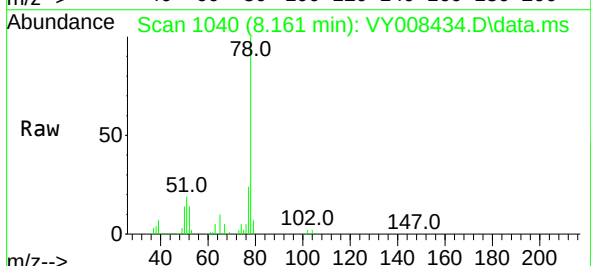
Acq: 21 Apr 2022 10:40

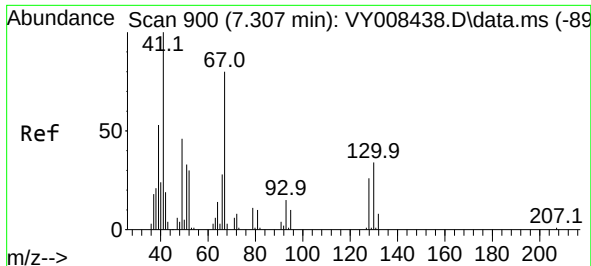
Tgt Ion: 78 Resp: 273339

Ion Ratio Lower Upper

78 100

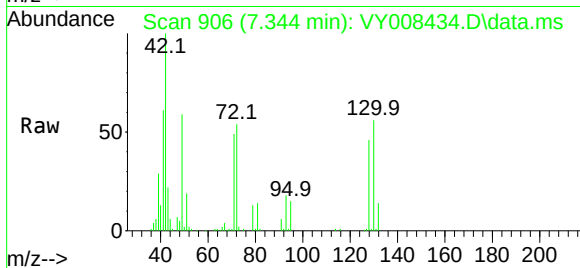
77 24.2 20.4 30.6



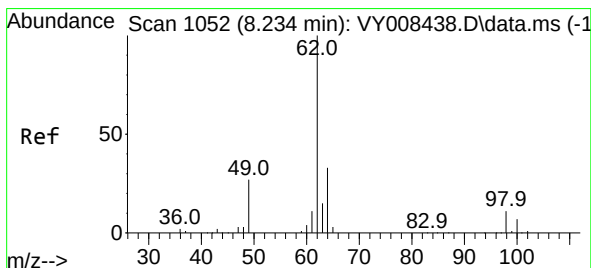
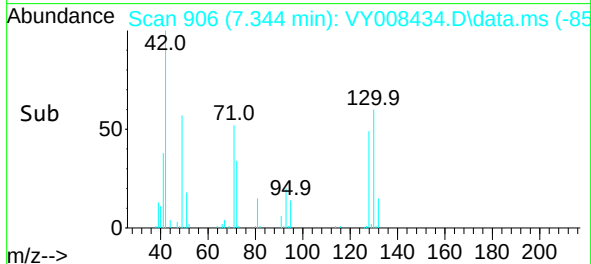
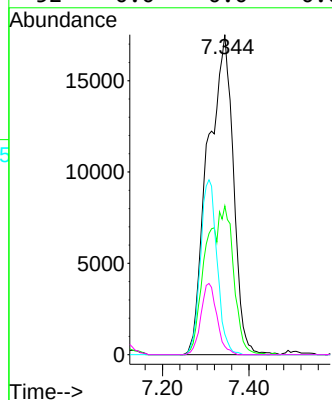


#41
Methacrylonitrile
Concen: 115.758 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Instrument :
MSVOA_Y
ClientSampleId :

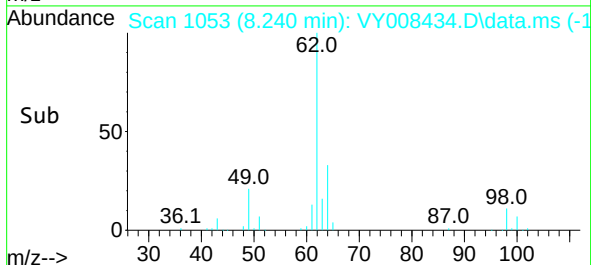
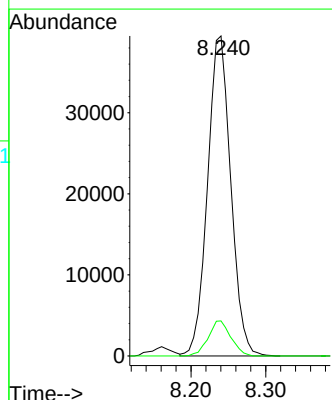
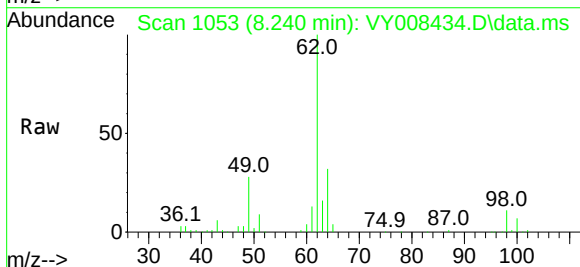


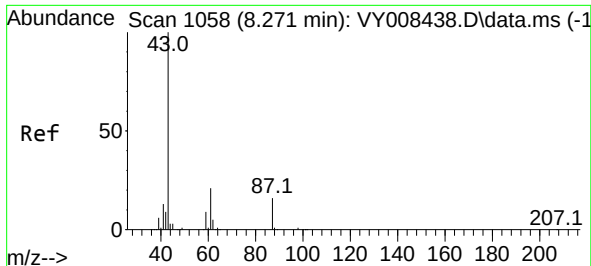
Tgt Ion: 41 Resp: 71498
Ion Ratio Lower Upper
41 100
39 50.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 45.319 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 62 Resp: 85344
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8

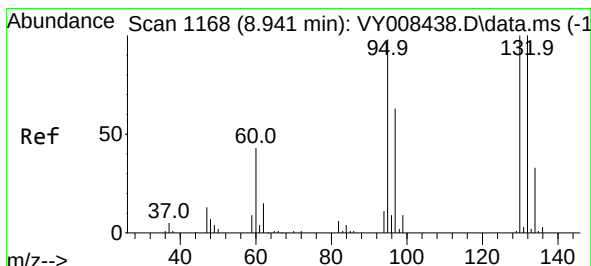
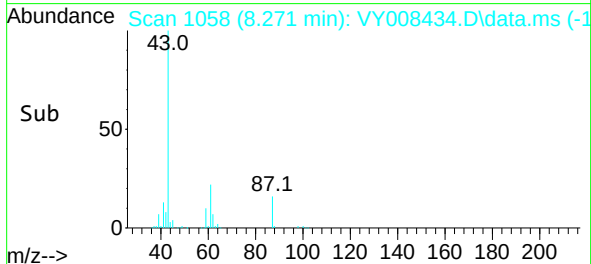
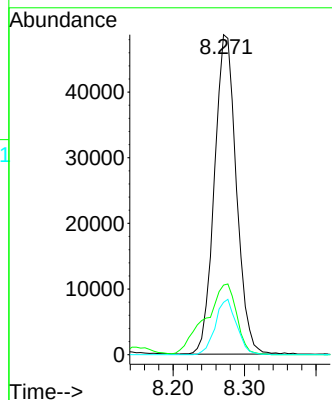
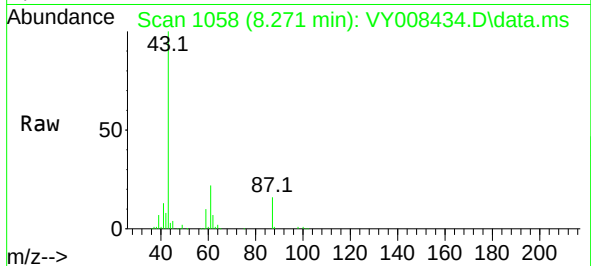




#43
Isopropyl Acetate
Concen: 49.043 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

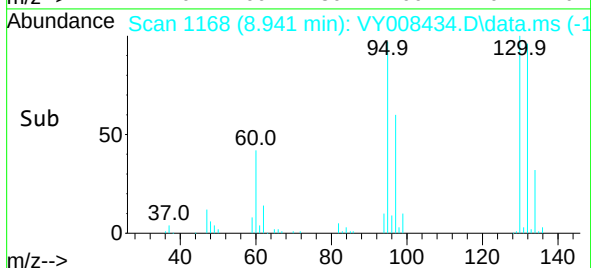
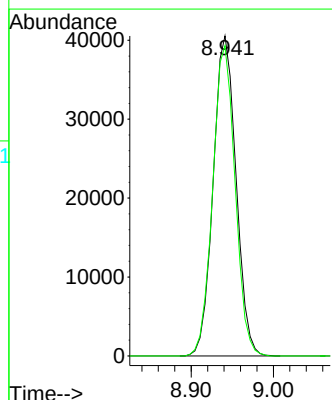
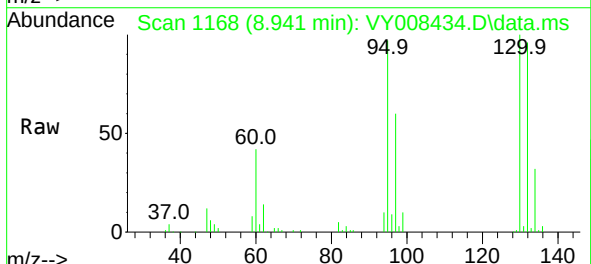
Instrument :
MSVOA_Y
ClientSampleId :

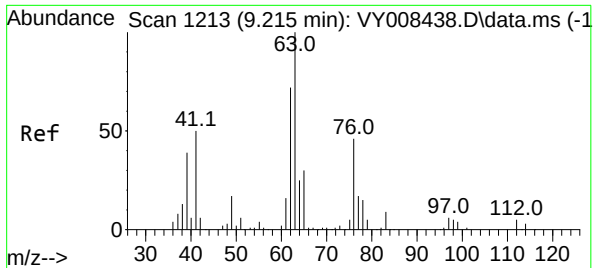
Tgt Ion: 43 Resp: 103658
Ion Ratio Lower Upper
43 100
61 31.5 20.2 30.2#
87 16.8 8.9 13.3#



#44
Trichloroethene
Concen: 43.271 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion:130 Resp: 78256
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 46.078 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

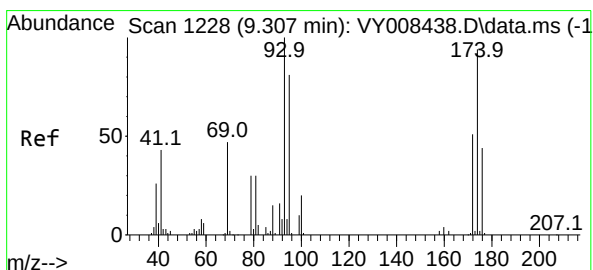
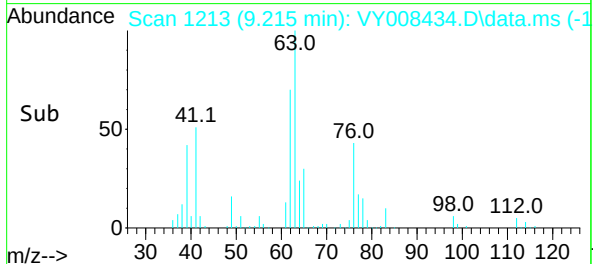
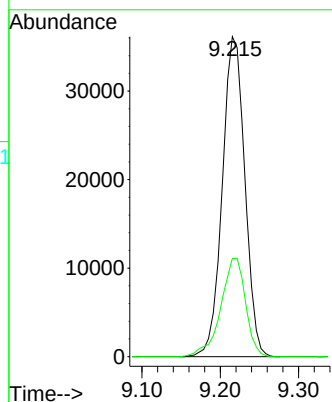
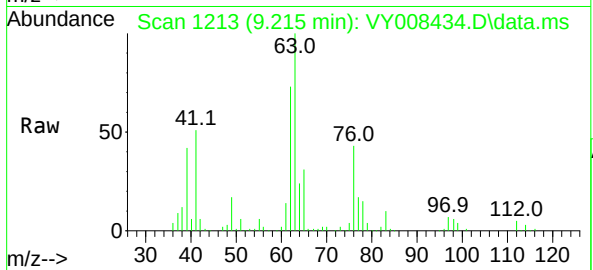
ClientSampleId :

Tgt Ion: 63 Resp: 72322

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.6



#46

Dibromomethane

Concen: 45.516 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

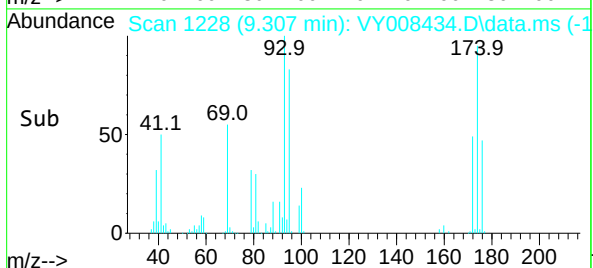
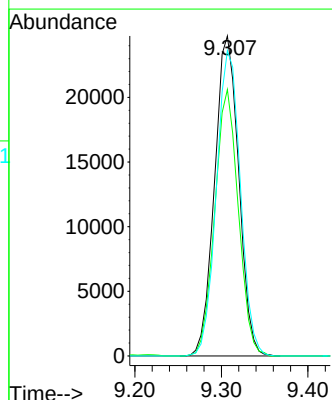
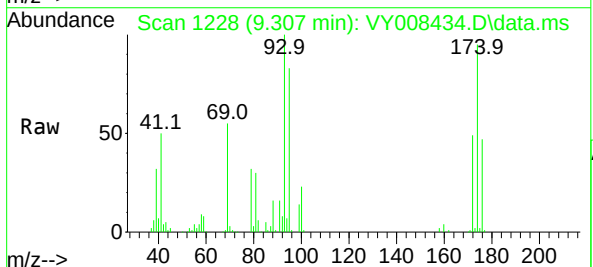
Tgt Ion: 93 Resp: 47912

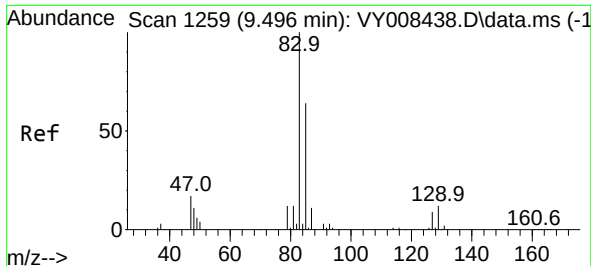
Ion Ratio Lower Upper

93 100

95 81.0 64.3 96.5

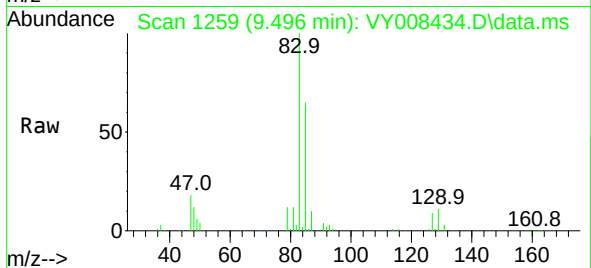
174 94.7 83.4 125.0



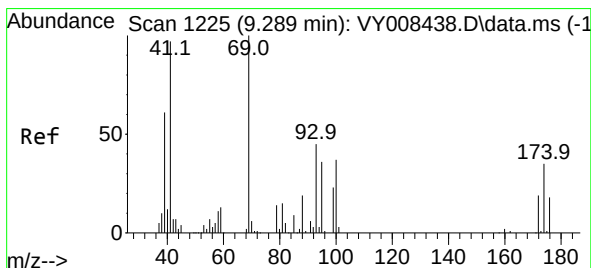
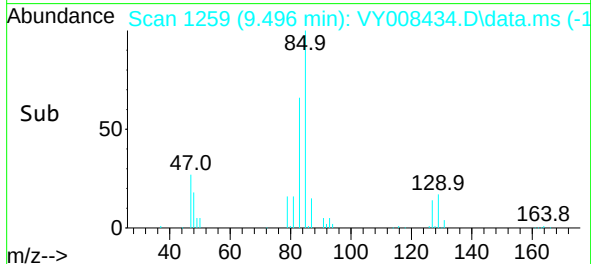
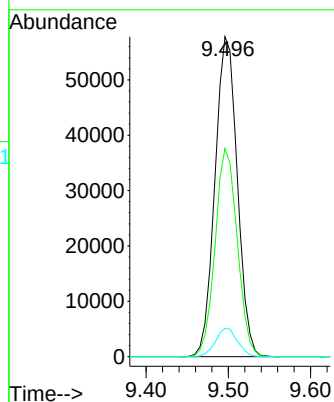


#47
Bromodichloromethane
Concen: 46.714 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Instrument :
MSVOA_Y
ClientSampleId :

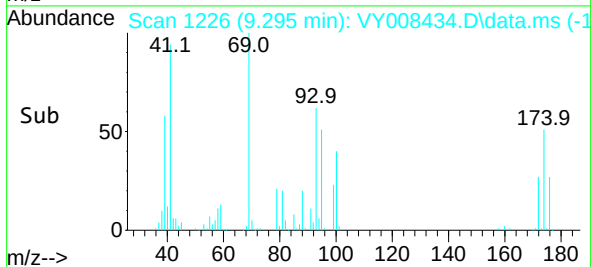
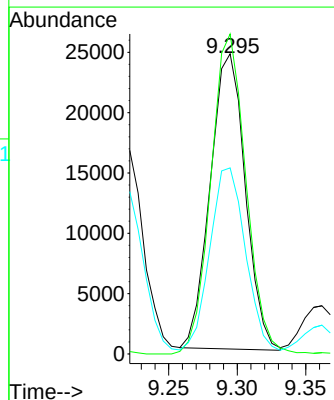
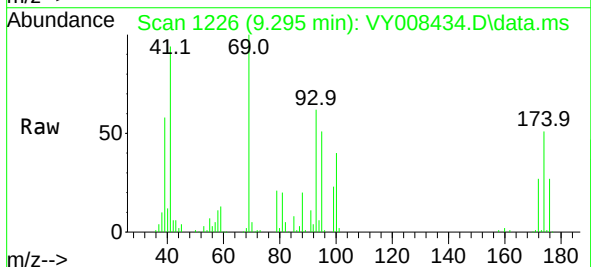


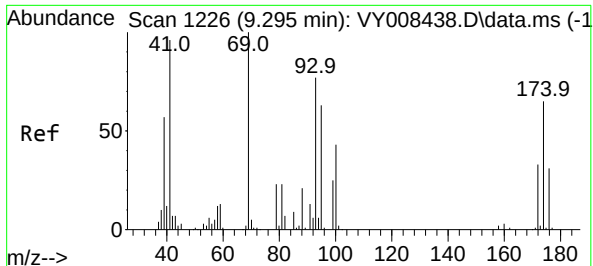
Tgt Ion: 83 Resp: 109053
Ion Ratio Lower Upper
83 100
85 65.1 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 48.244 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 41 Resp: 43501
Ion Ratio Lower Upper
41 100
69 108.7 58.2 87.2#
39 65.2 47.4 71.0





#49

1,4-Dioxane

Concen: 926.391 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

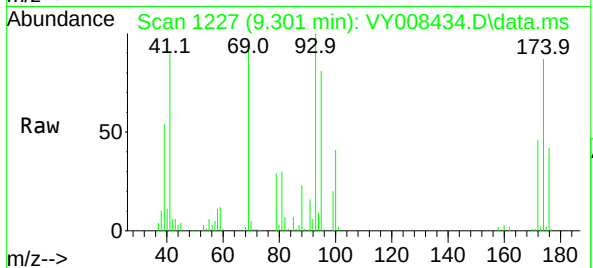
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :



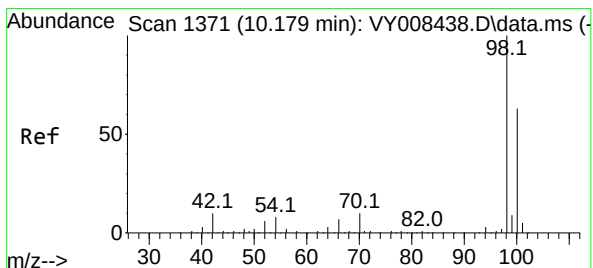
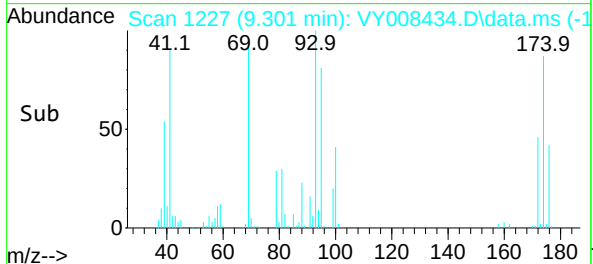
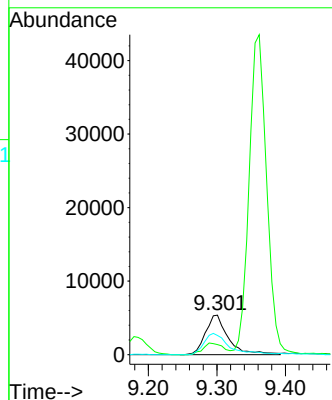
Tgt Ion: 88 Resp: 12446

Ion Ratio Lower Upper

88 100

43 26.2 32.8 49.2#

58 59.1 59.8 89.6#



#50

Toluene-d8

Concen: 43.693 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008434.D

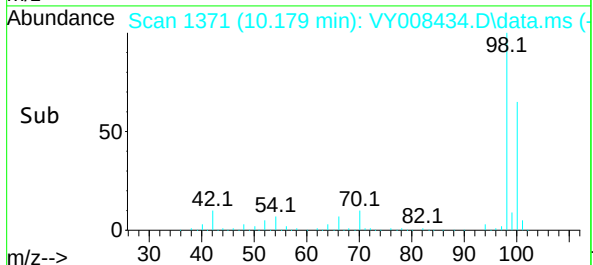
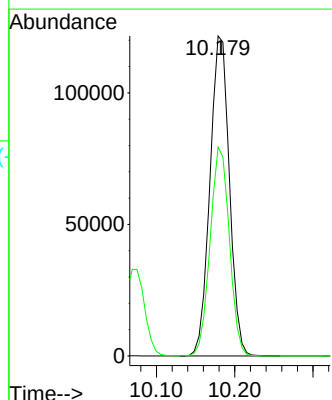
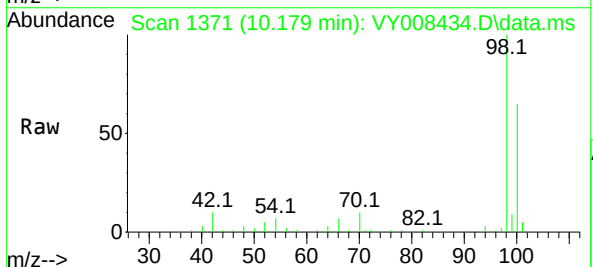
Acq: 21 Apr 2022 10:40

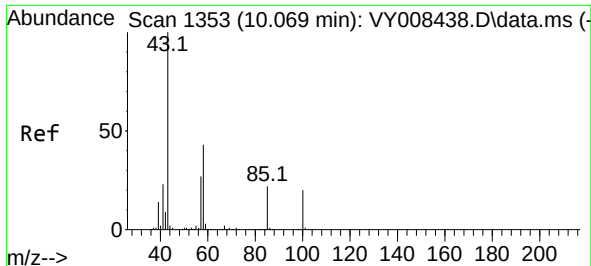
Tgt Ion: 98 Resp: 209381

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 256.370 ug/l

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

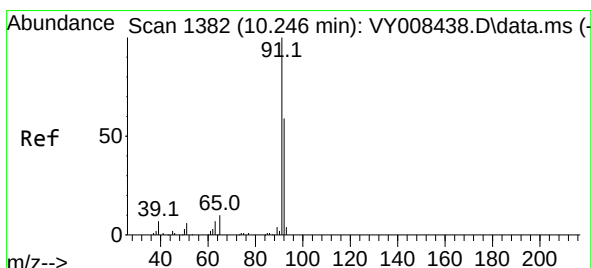
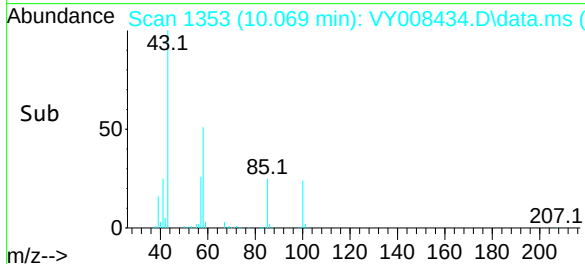
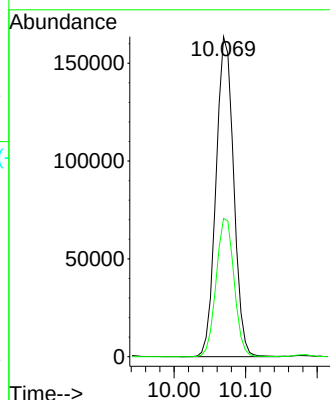
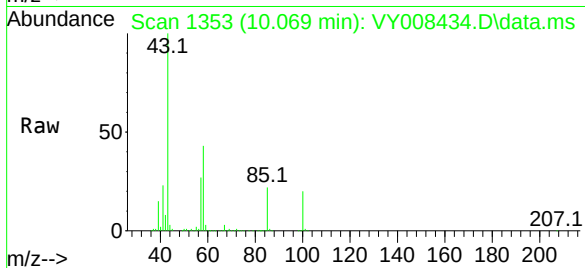
ClientSampleId :

Tgt Ion: 43 Resp: 280569

Ion Ratio Lower Upper

43 100

58 43.9 28.1 42.1#



#52

Toluene

Concen: 44.424 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY008434.D

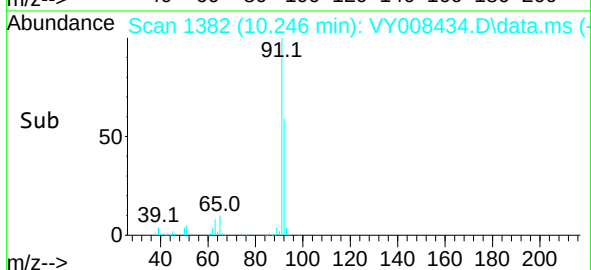
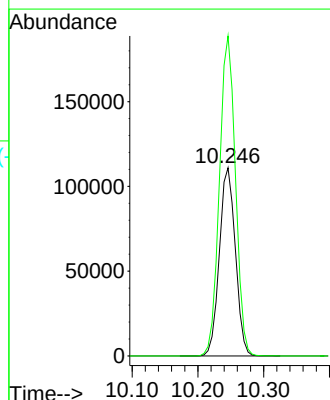
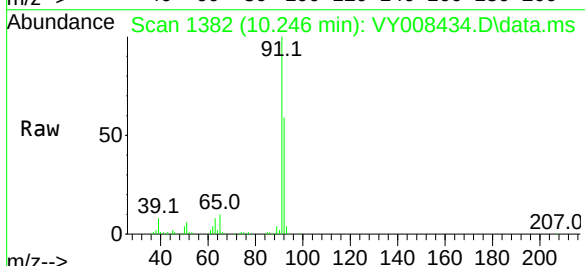
Acq: 21 Apr 2022 10:40

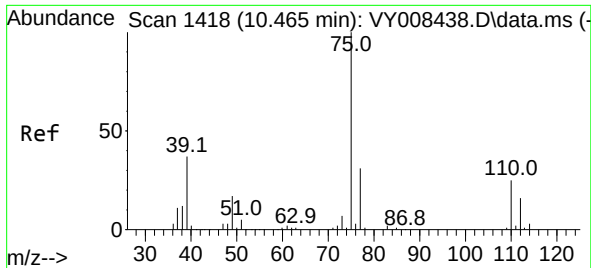
Tgt Ion: 92 Resp: 187719

Ion Ratio Lower Upper

92 100

91 170.5 142.6 213.8

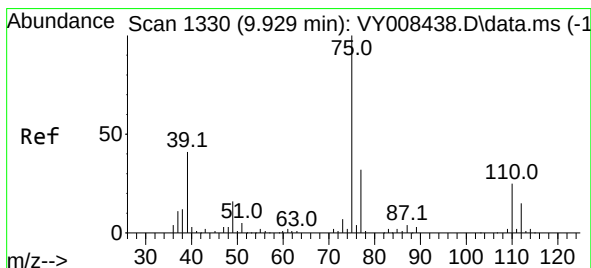
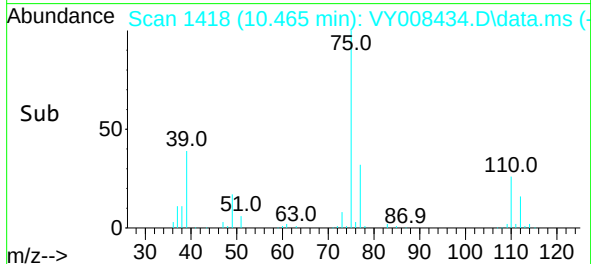
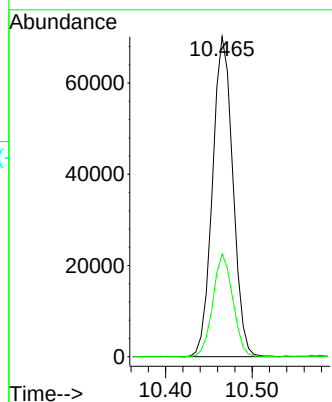
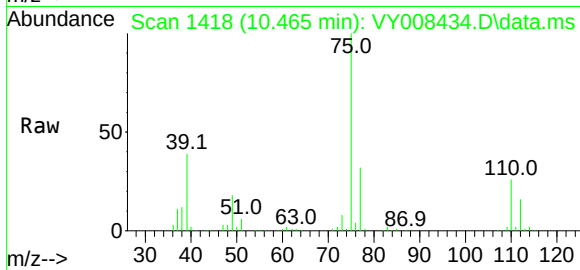




#53
t-1,3-Dichloropropene
Concen: 47.595 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

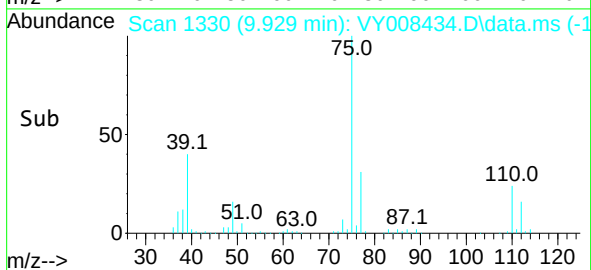
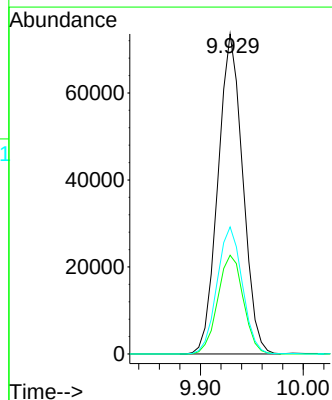
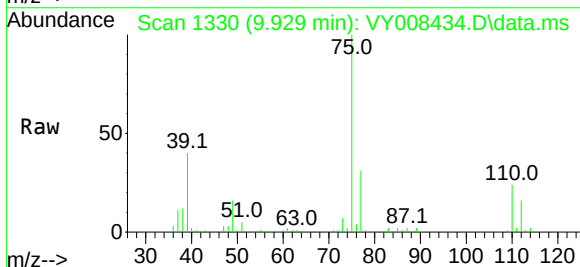
Instrument :
MSVOA_Y
ClientSampleId :

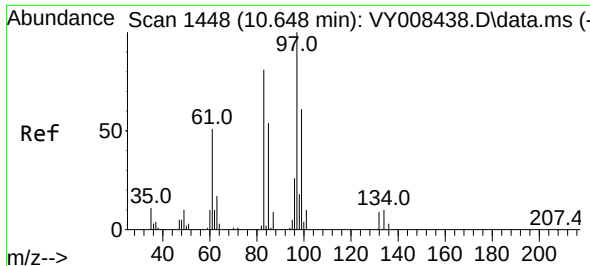
Tgt Ion: 75 Resp: 114669
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 45.719 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 75 Resp: 123122
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
39 39.7 47.6 71.4#

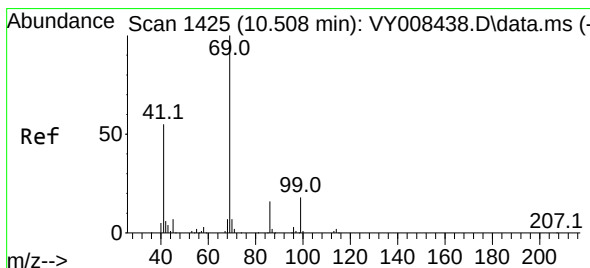
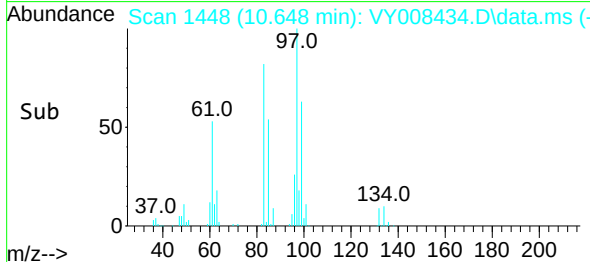
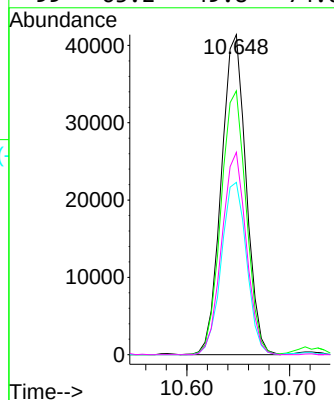
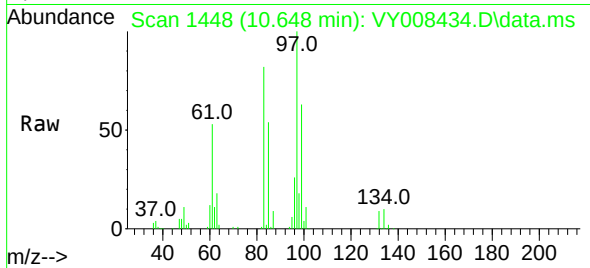




#55
 1,1,2-Trichloroethane
 Concen: 46.642 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: VY008434.D
 Acq: 21 Apr 2022 10:40

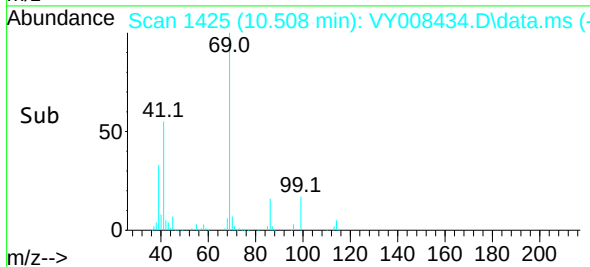
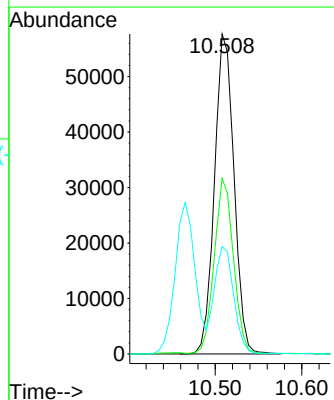
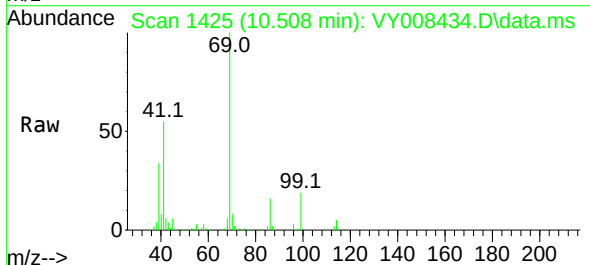
Instrument :
 MSVOA_Y
 ClientSampleId :

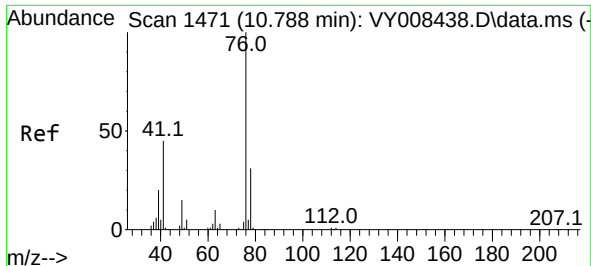
Tgt Ion:	97	Resp:	69308
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.8	104.8
85	53.8	44.3	66.5
99	63.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 48.995 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY008434.D
 Acq: 21 Apr 2022 10:40

Tgt Ion:	69	Resp:	90390
Ion	Ratio	Lower	Upper
69	100		
41	53.7	63.4	95.0#
39	32.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 46.342 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

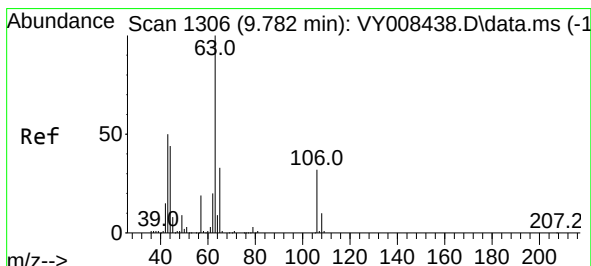
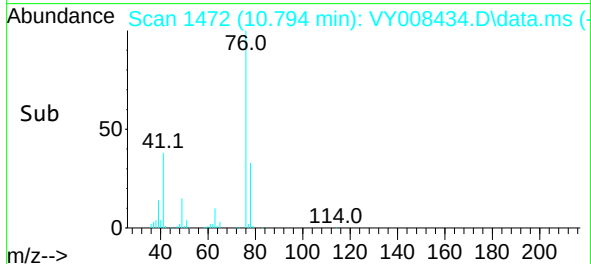
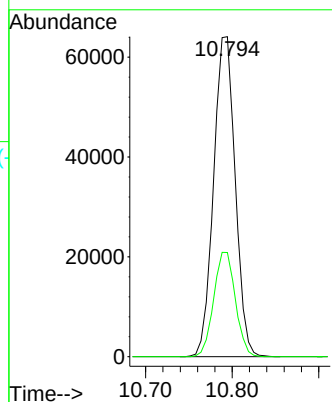
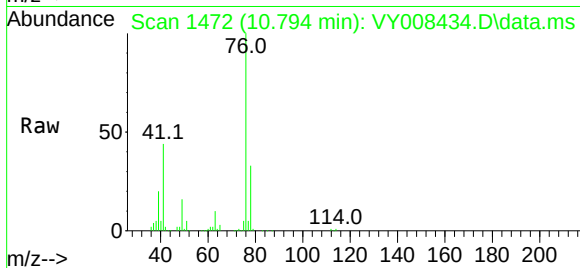
ClientSampleId :

Tgt Ion: 76 Resp: 111169

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 193.627 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008434.D

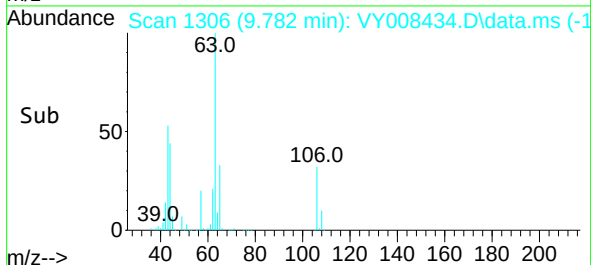
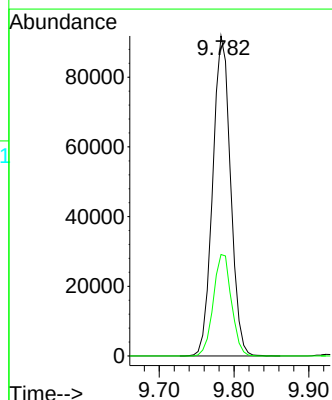
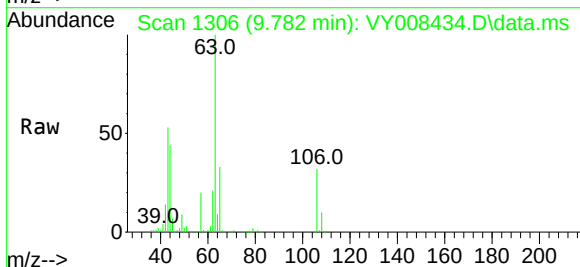
Acq: 21 Apr 2022 10:40

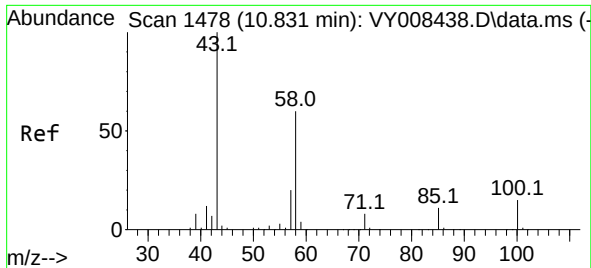
Tgt Ion: 63 Resp: 152829

Ion Ratio Lower Upper

63 100

106 32.1 21.5 32.3

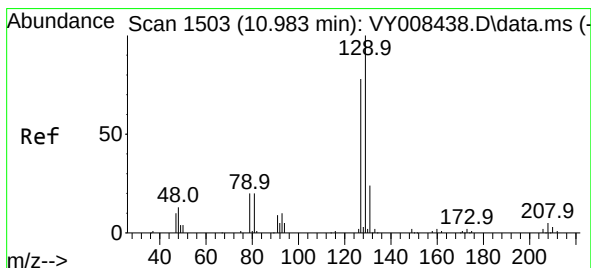
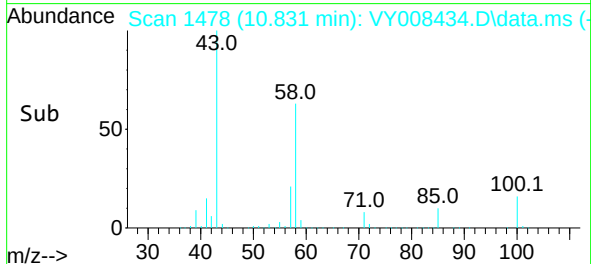
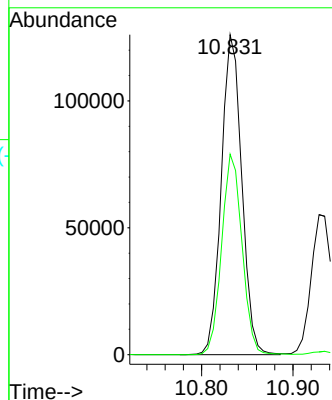
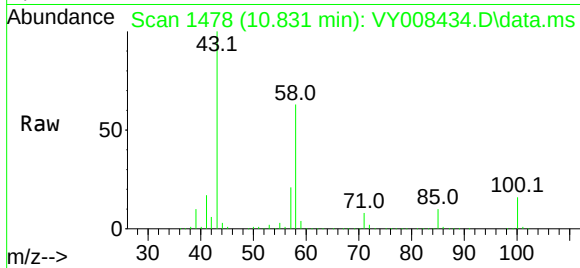




#59
2-Hexanone
Concen: 259.971 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

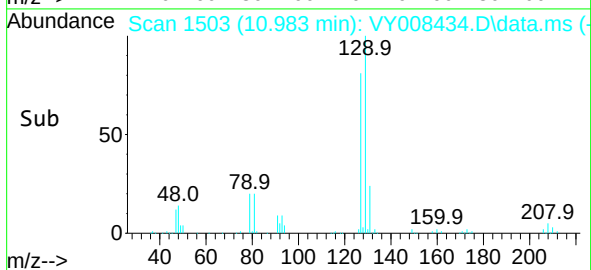
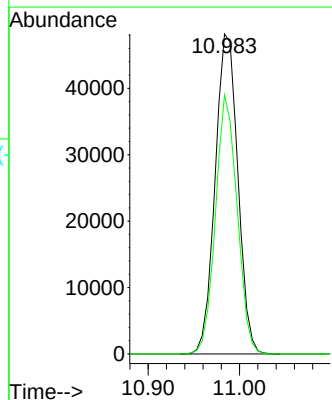
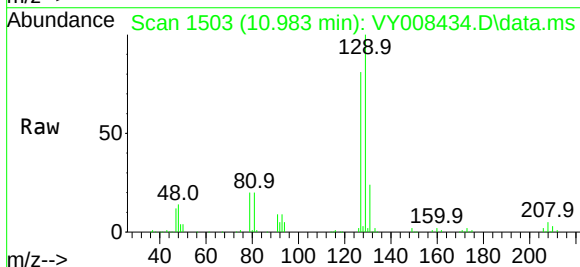
Instrument :
MSVOA_Y
ClientSampleId :

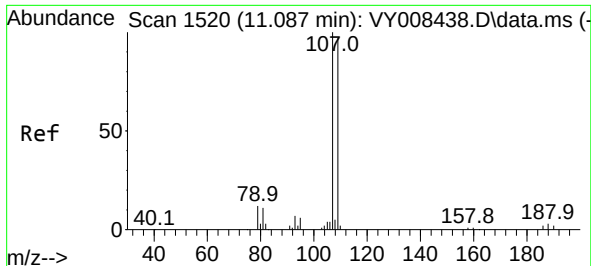
Tgt Ion: 43 Resp: 196680
Ion Ratio Lower Upper
43 100
58 62.3 24.4 73.4



#60
Dibromochloromethane
Concen: 48.103 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion:129 Resp: 83237
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

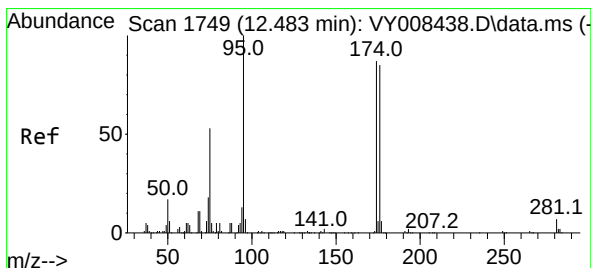
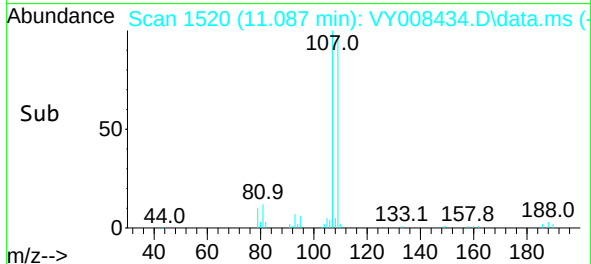
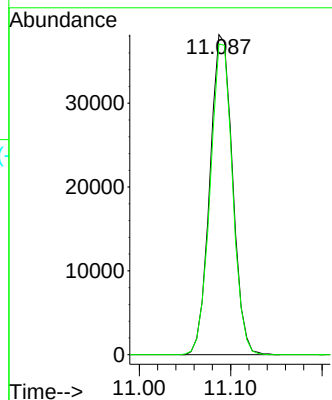
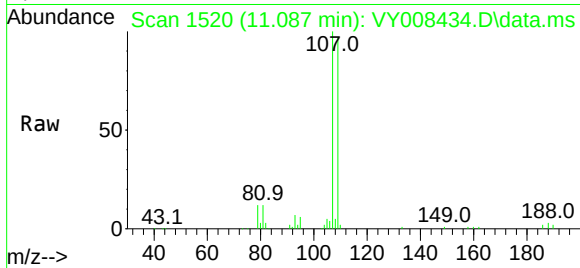




#61
1,2-Dibromoethane
Concen: 45.151 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

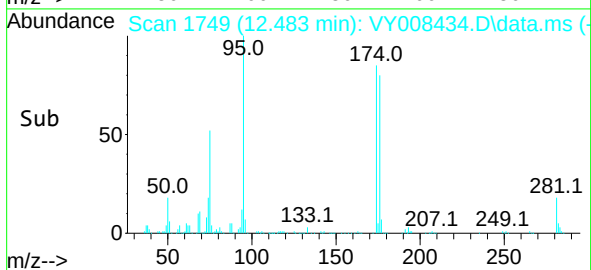
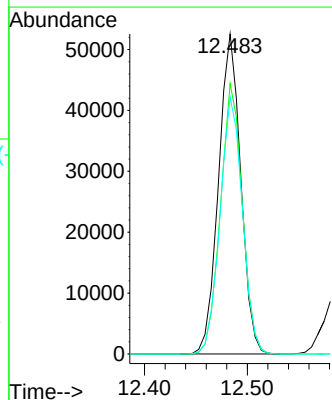
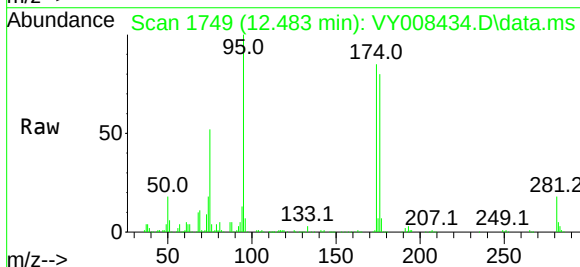
Instrument :
MSVOA_Y
ClientSampleId :

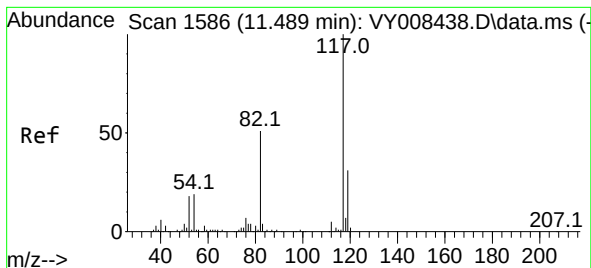
Tgt Ion:107 Resp: 65707
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 95 Resp: 78579
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

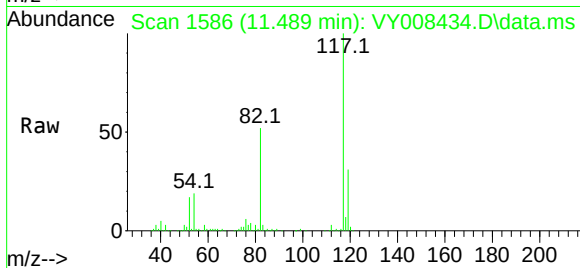
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :



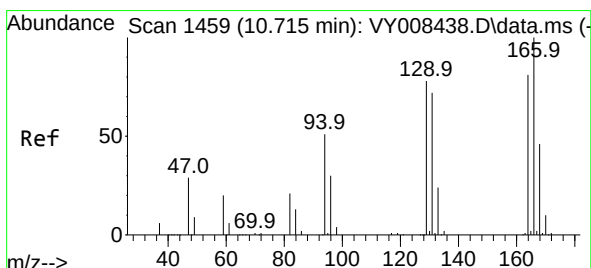
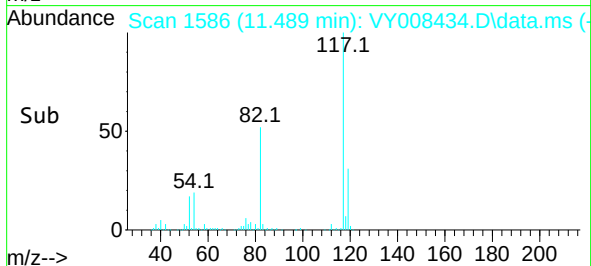
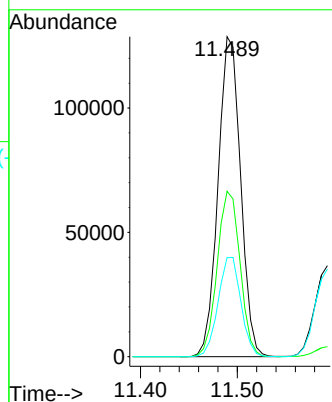
Tgt Ion:117 Resp: 208088

Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.4

119 30.9 25.4 38.0



#64

Tetrachloroethene

Concen: 43.148 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Tgt Ion:164 Resp: 63993

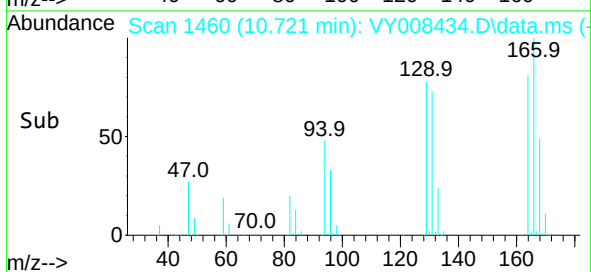
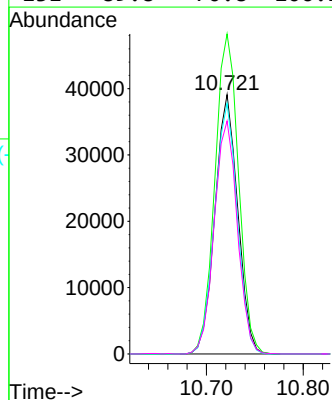
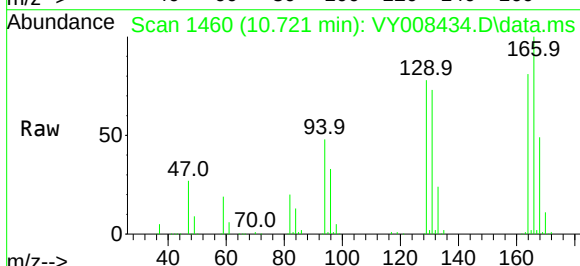
Ion Ratio Lower Upper

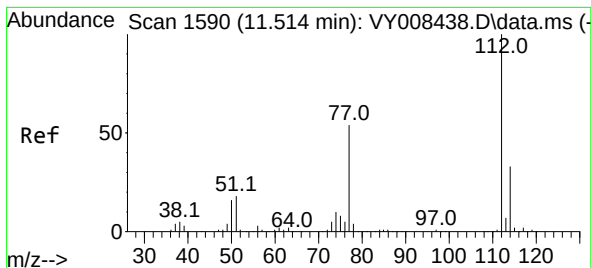
164 100

166 123.4 100.4 150.6

129 96.6 71.4 107.0

131 89.8 70.8 106.2





#65

Chlorobenzene

Concen: 46.338 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

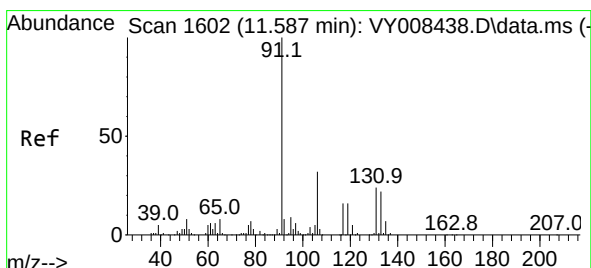
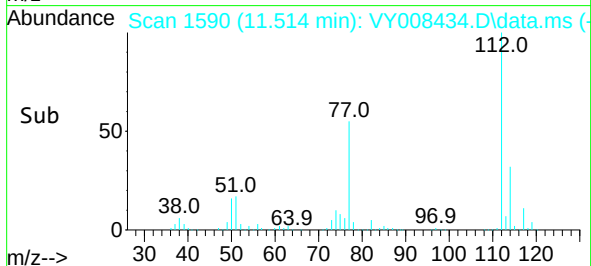
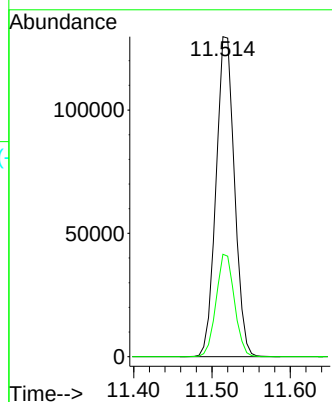
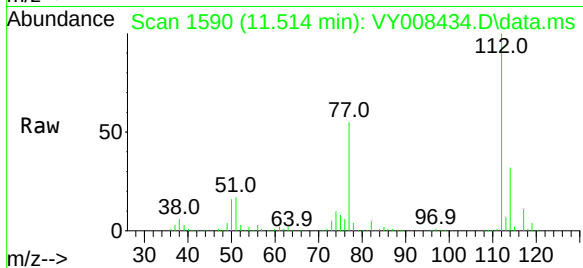
ClientSampleId :

Tgt Ion:112 Resp: 212514

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.070 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

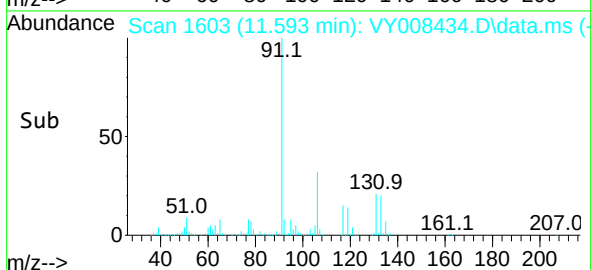
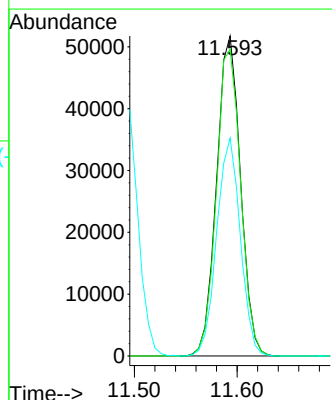
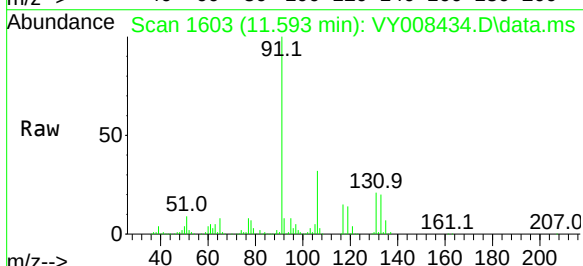
Tgt Ion:131 Resp: 83561

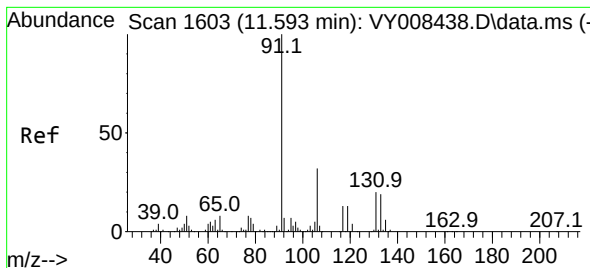
Ion Ratio Lower Upper

131 100

133 97.1 47.9 143.6

119 67.2 30.8 92.3





#67

Ethyl Benzene

Concen: 47.757 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

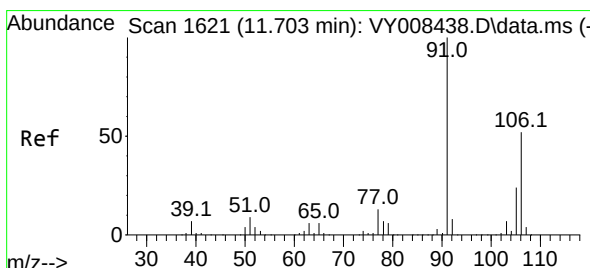
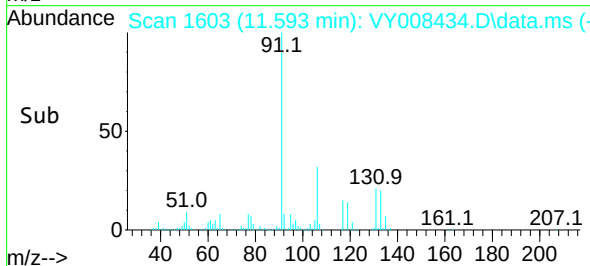
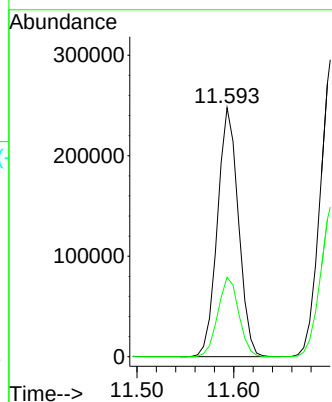
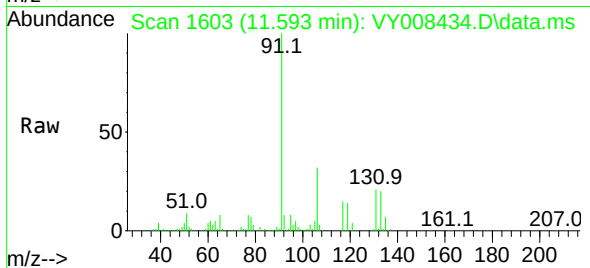
ClientSampleId :

Tgt Ion: 91 Resp: 372301

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 93.346 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008434.D

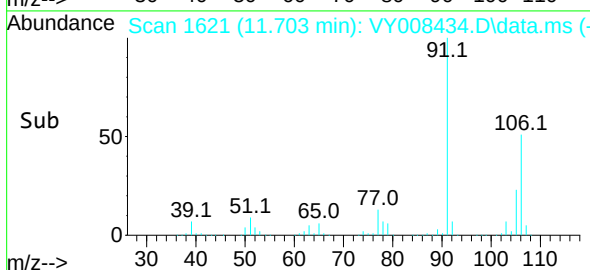
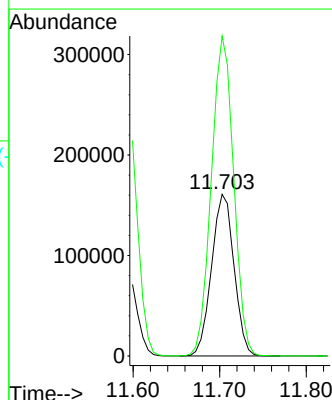
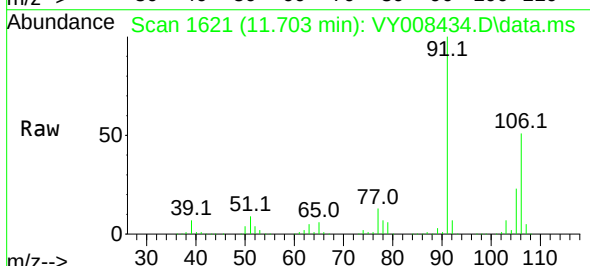
Acq: 21 Apr 2022 10:40

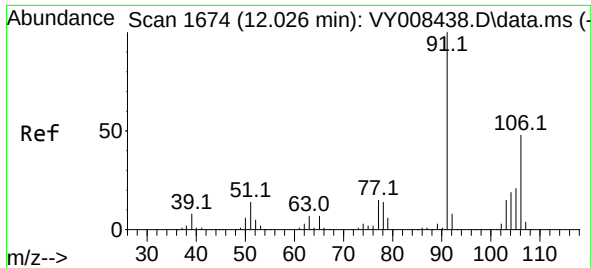
Tgt Ion:106 Resp: 289679

Ion Ratio Lower Upper

106 100

91 196.6 166.6 249.8

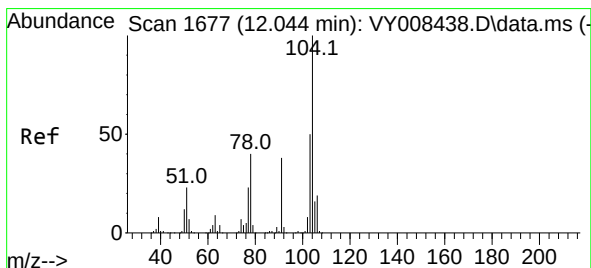
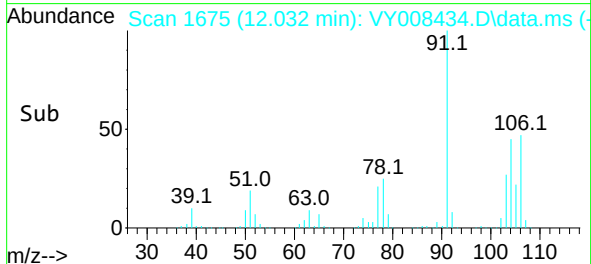
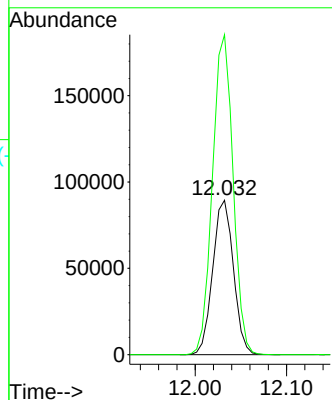
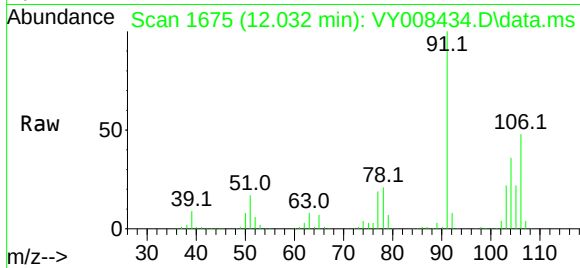




#69
o-Xylene
Concen: 46.854 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

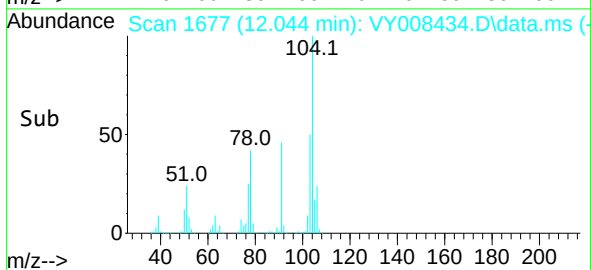
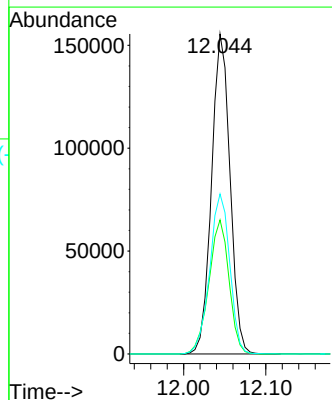
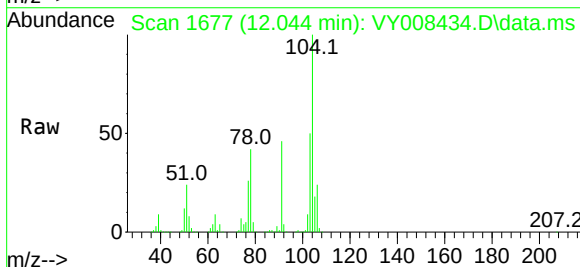
Instrument :
MSVOA_Y
ClientSampleId :

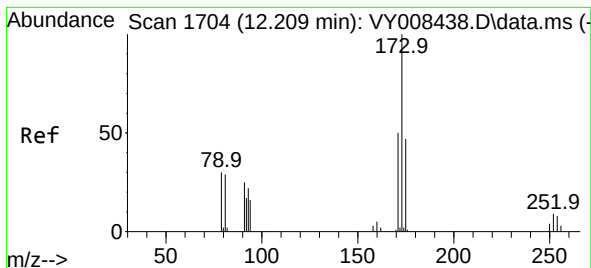
Tgt Ion:106 Resp: 140842
Ion Ratio Lower Upper
106 100
91 205.6 110.3 331.0



#70
Styrene
Concen: 48.490 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion:104 Resp: 242205
Ion Ratio Lower Upper
104 100
78 45.7 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 50.224 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

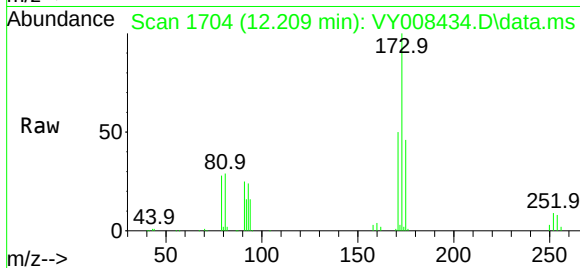
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :



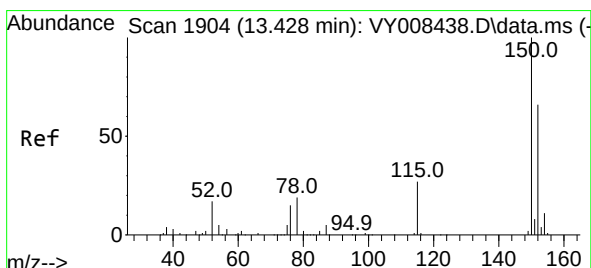
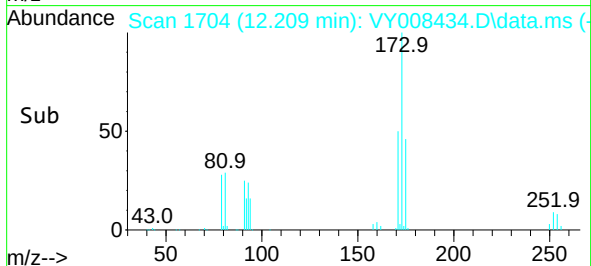
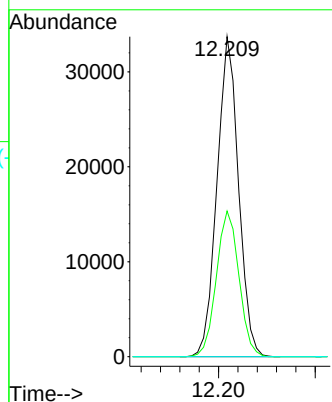
Tgt Ion:173 Resp: 52053

Ion Ratio Lower Upper

173 100

175 47.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

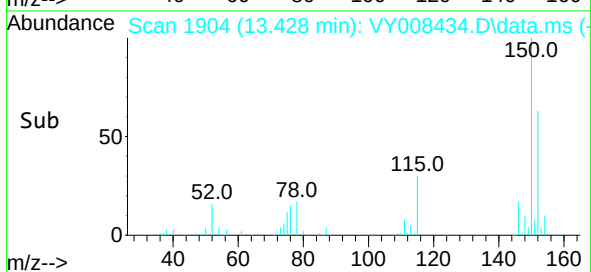
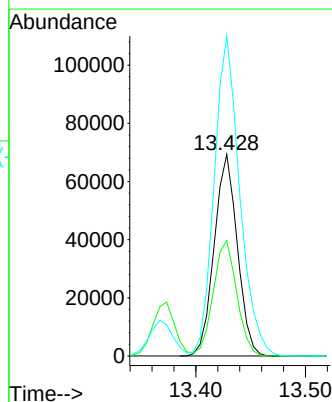
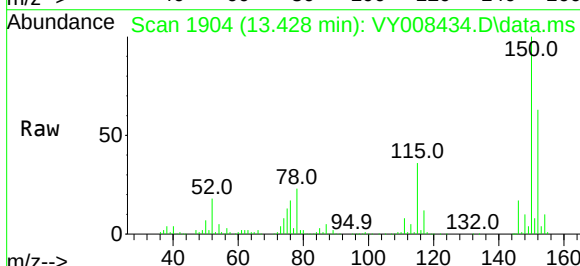
Tgt Ion:152 Resp: 101505

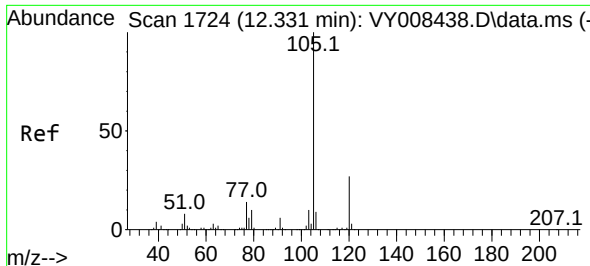
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 175.6 0.0 347.6

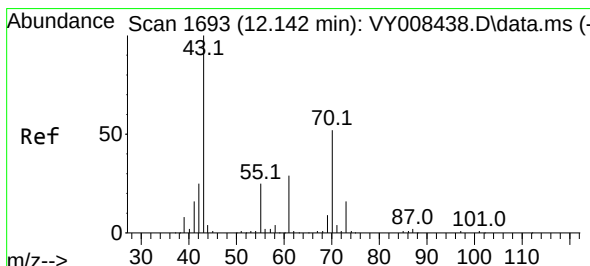
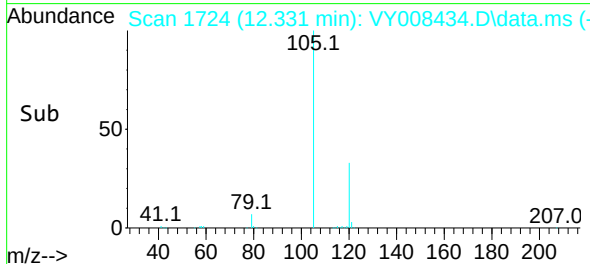
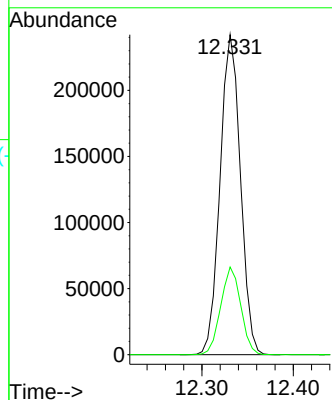
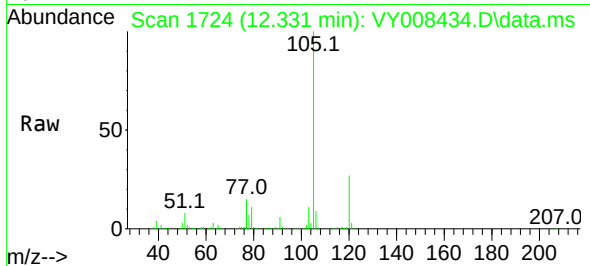




#73
Isopropylbenzene
Concen: 49.217 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

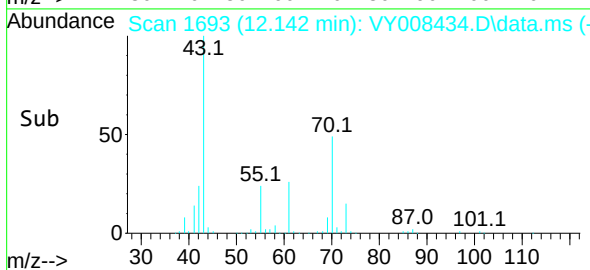
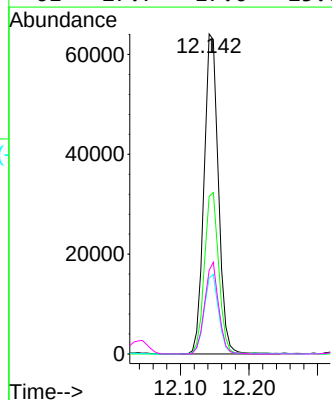
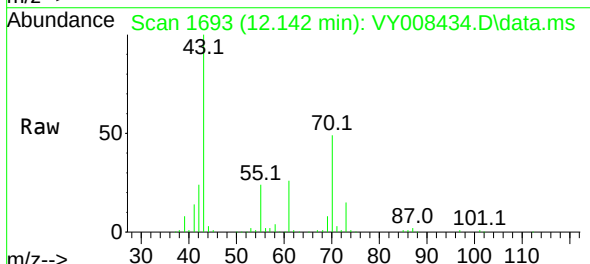
Instrument :
MSVOA_Y
ClientSampleId :

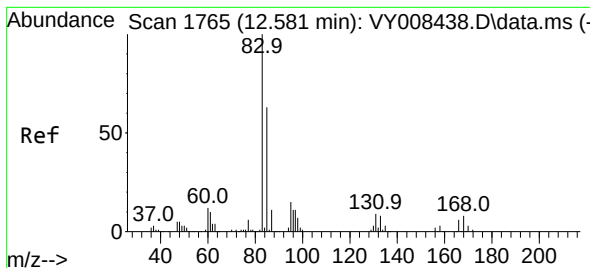
Tgt Ion:105 Resp: 375602
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 54.242 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 43 Resp: 93807
Ion Ratio Lower Upper
43 100
70 50.2 28.7 43.1#
55 24.9 17.3 25.9
61 27.7 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 52.519 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :

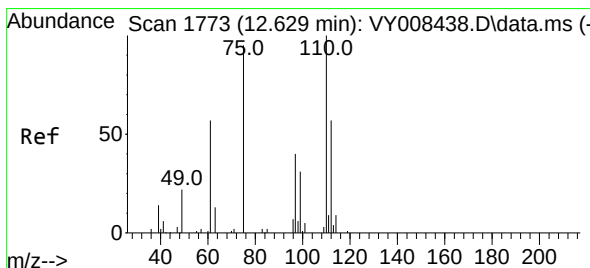
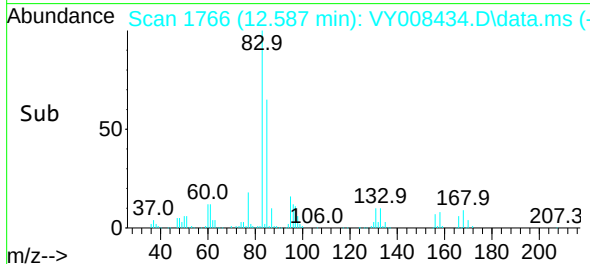
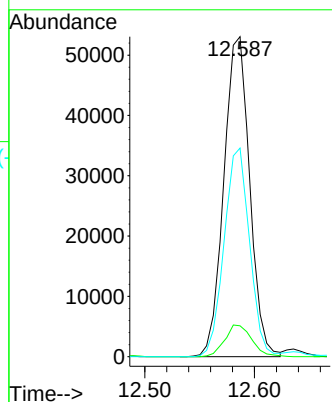
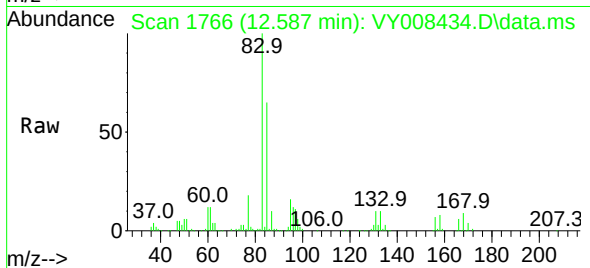
Tgt Ion: 83 Resp: 86899

Ion Ratio Lower Upper

83 100

131 10.4 5.6 16.8

85 64.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 91.180 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY008434.D

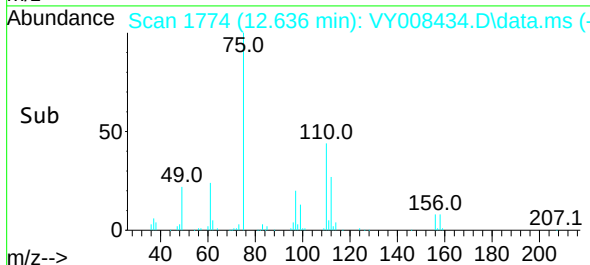
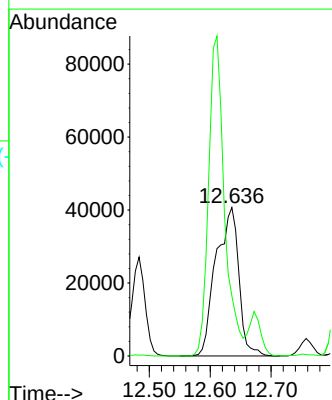
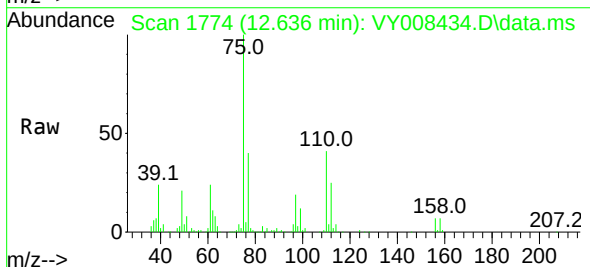
Acq: 21 Apr 2022 10:40

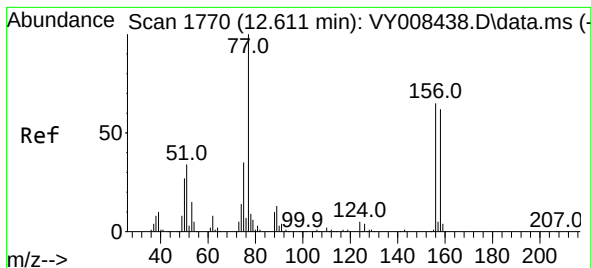
Tgt Ion: 75 Resp: 106143

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.733 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

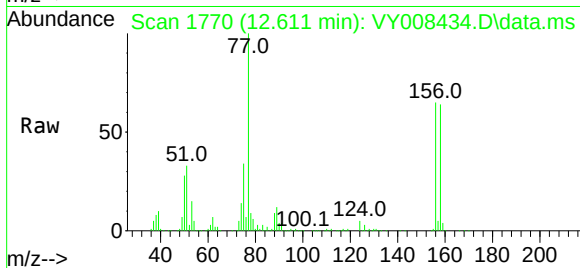
Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :



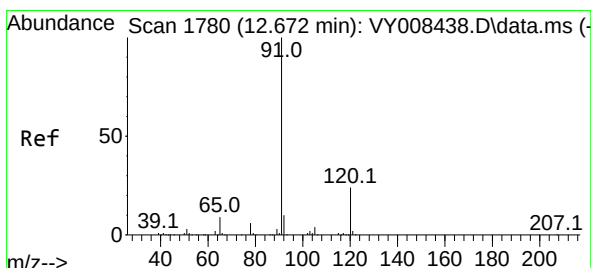
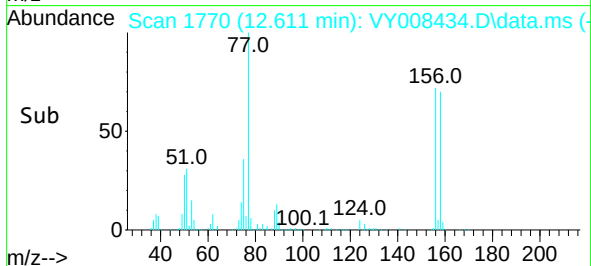
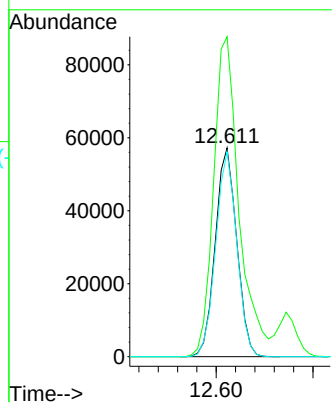
Tgt Ion:156 Resp: 88033

Ion Ratio Lower Upper

156 100

77 180.9 95.5 286.4

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 48.944 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008434.D

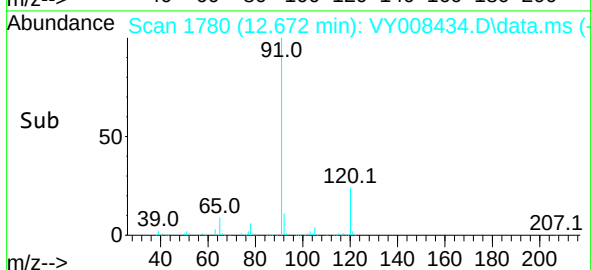
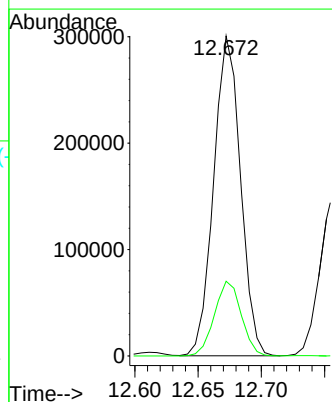
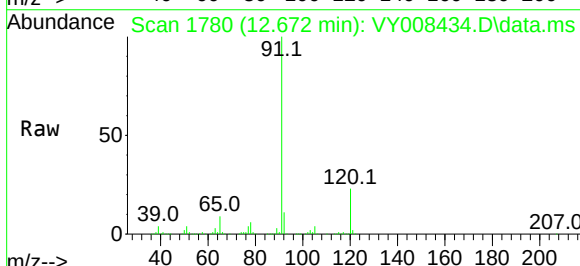
Acq: 21 Apr 2022 10:40

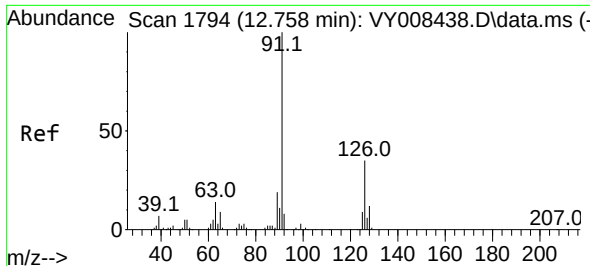
Tgt Ion: 91 Resp: 443034

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9

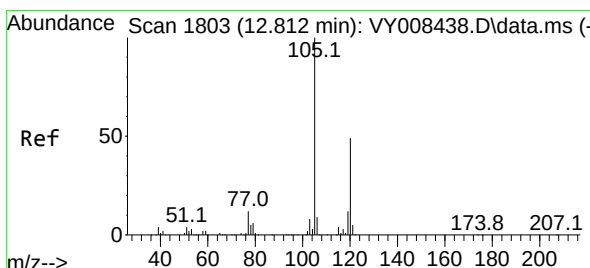
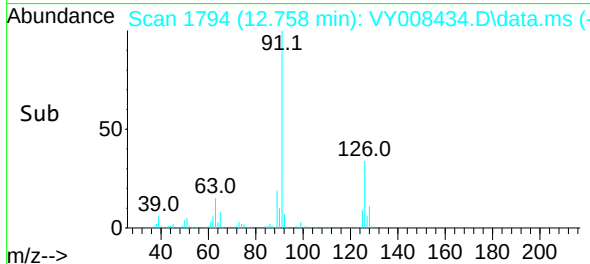
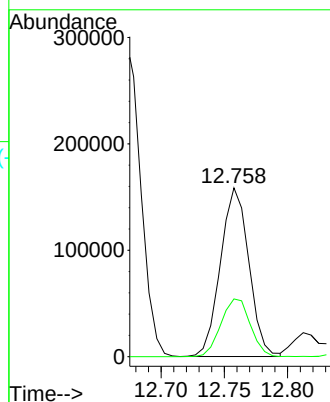
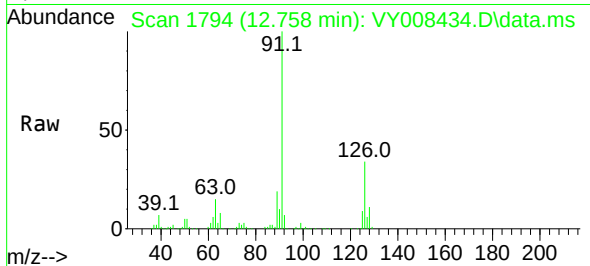




#79
2-Chlorotoluene
Concen: 48.652 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

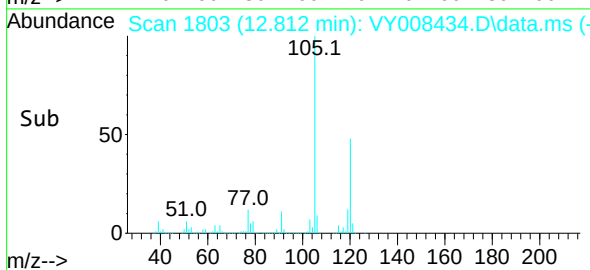
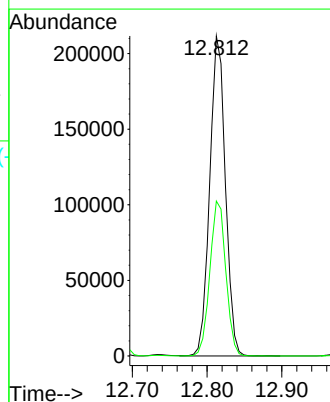
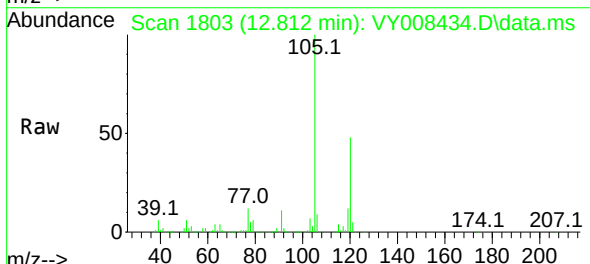
Instrument :
MSVOA_Y
ClientSampleId :

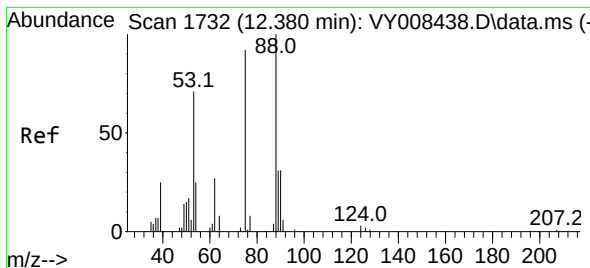
Tgt Ion: 91 Resp: 247878
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.093 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 105 Resp: 307531
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4

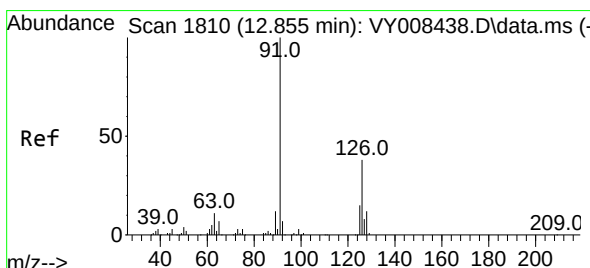
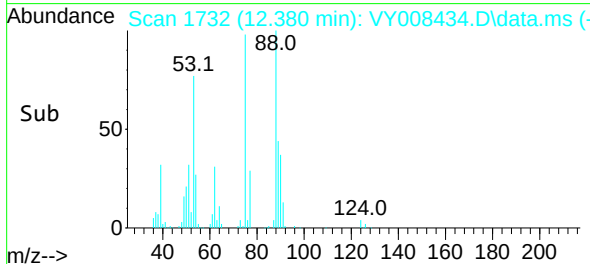
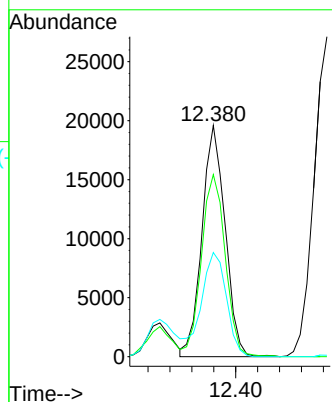
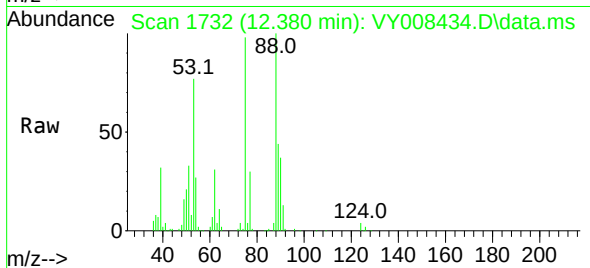




#81
trans-1,4-Dichloro-2-butene
Concen: 54.779 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

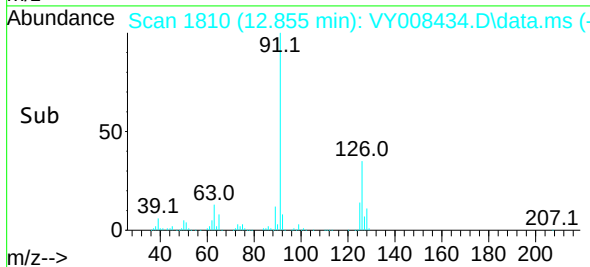
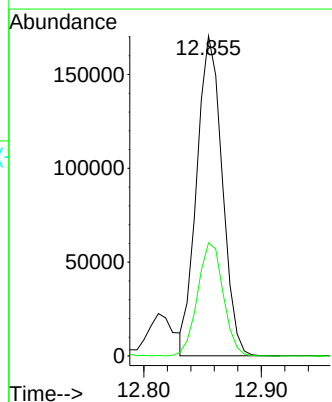
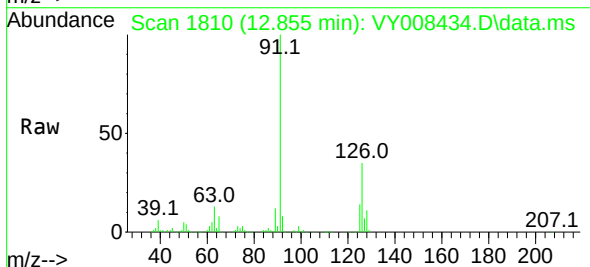
Instrument :
MSVOA_Y
ClientSampleId :

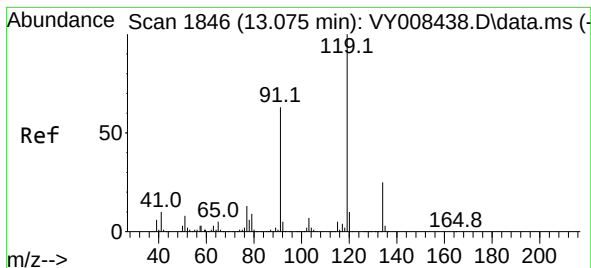
Tgt Ion: 75 Resp: 28713
Ion Ratio Lower Upper
75 100
53 81.5 85.3 127.9#
89 49.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.771 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 91 Resp: 256263
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 49.647 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :

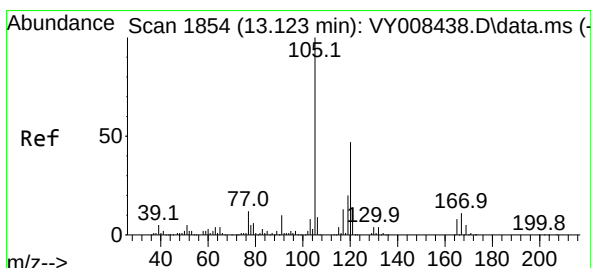
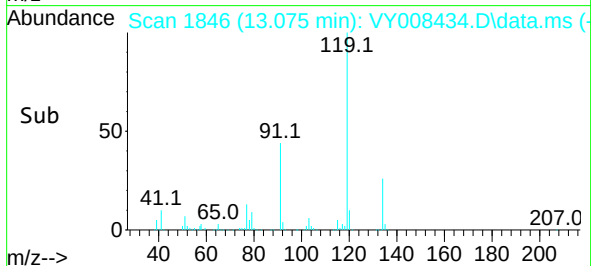
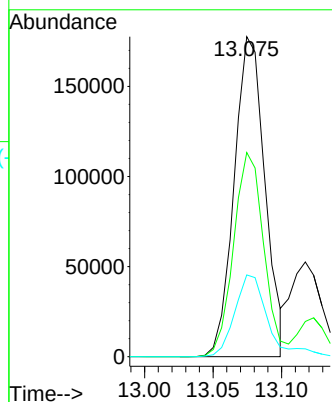
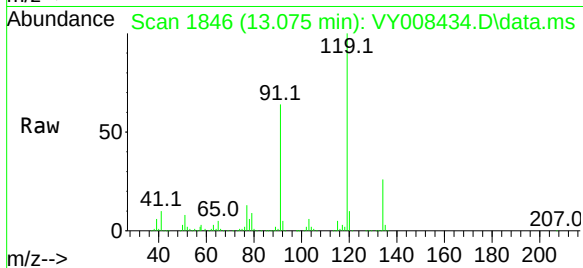
Tgt Ion:119 Resp: 277421

Ion Ratio Lower Upper

119 100

91 62.8 34.8 104.4

134 27.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 49.921 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008434.D

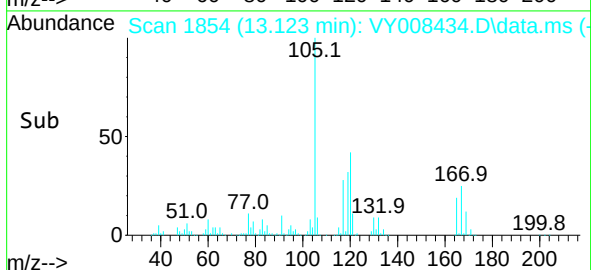
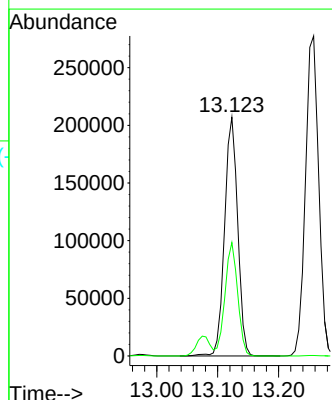
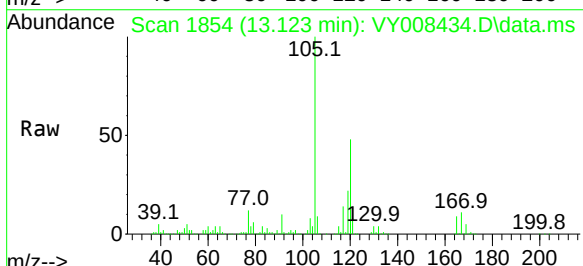
Acq: 21 Apr 2022 10:40

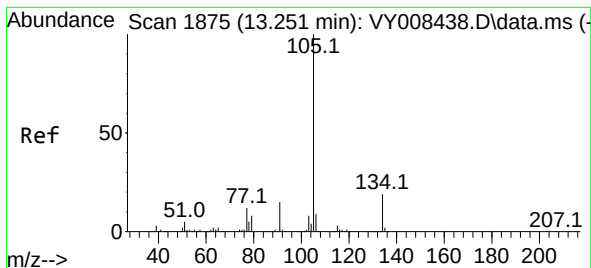
Tgt Ion:105 Resp: 309848

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.228 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

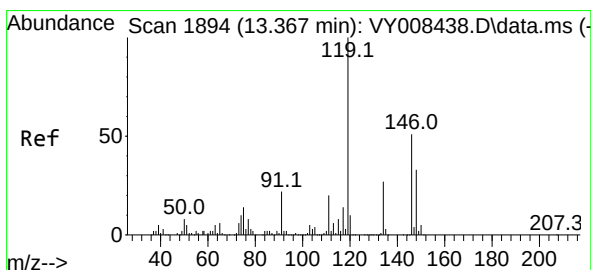
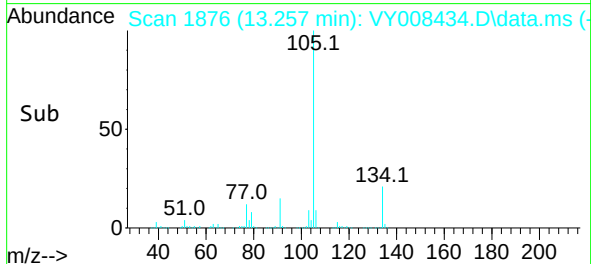
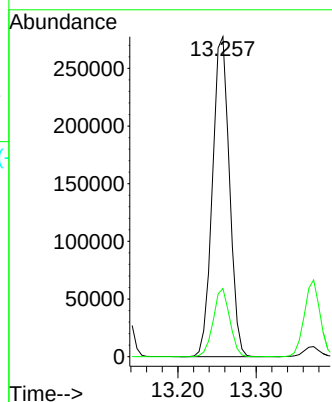
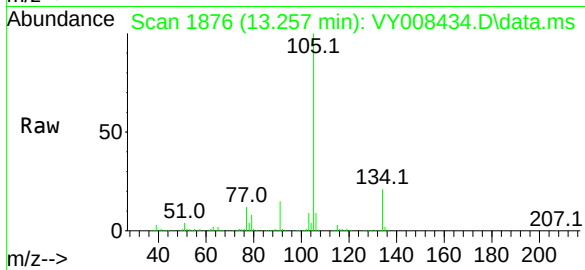
ClientSampleId :

Tgt Ion:105 Resp: 417922

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.845 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

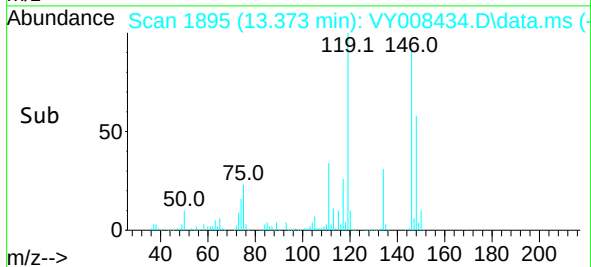
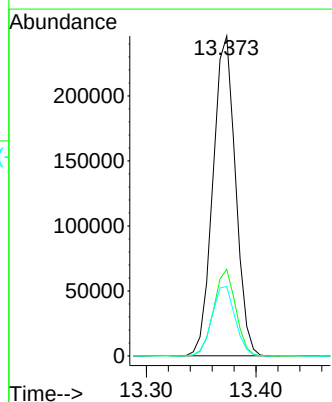
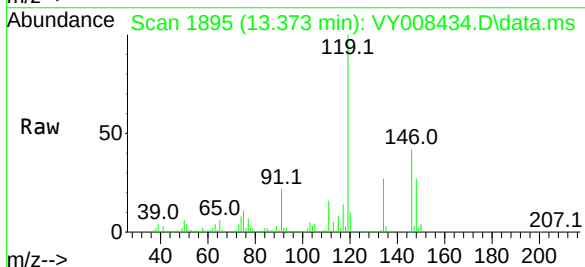
Tgt Ion:119 Resp: 351739

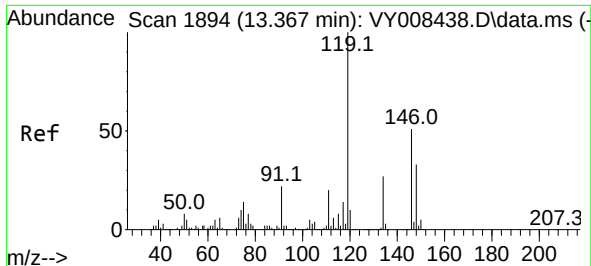
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 22.3 12.4 37.2

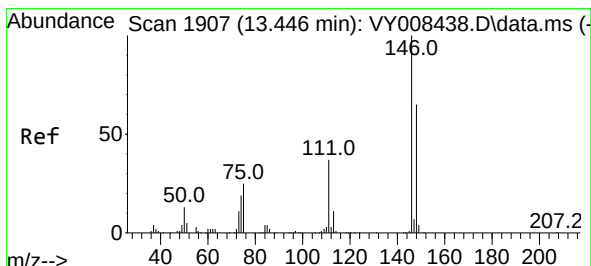
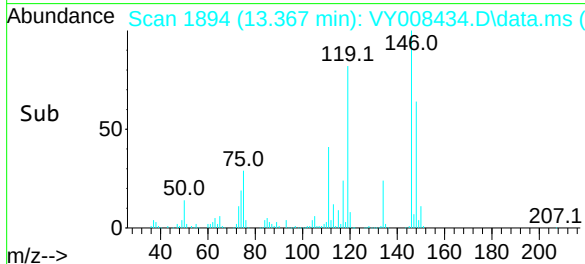
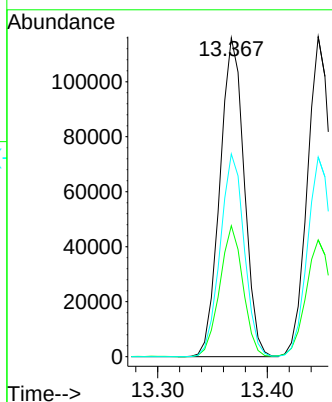
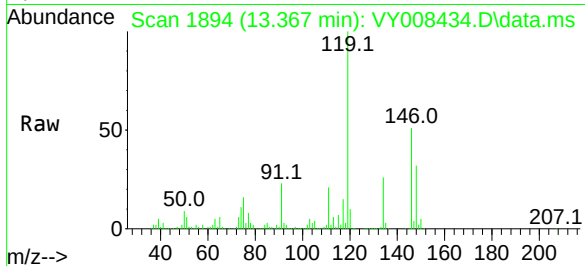




#87
 1,3-Dichlorobenzene
 Concen: 48.229 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008434.D
 Acq: 21 Apr 2022 10:40

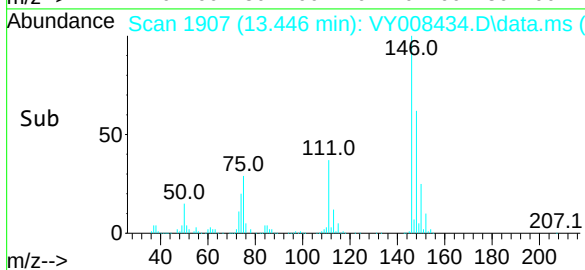
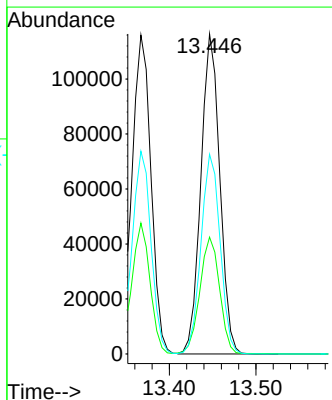
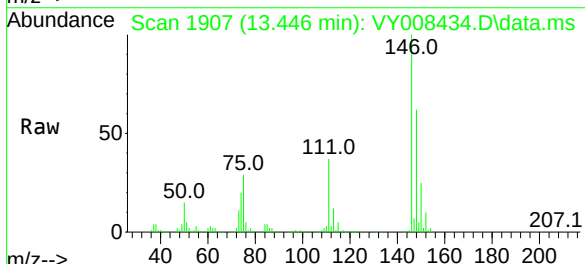
Instrument :
 MSVOA_Y
 ClientSampleId :

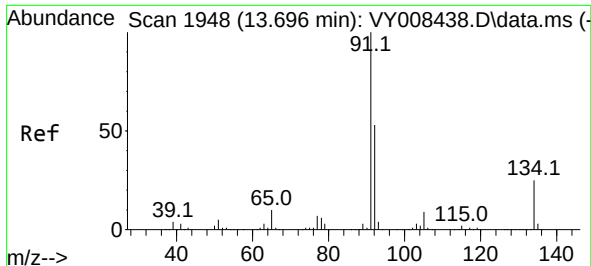
Tgt Ion:146 Resp: 178613
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.5 58.5
 148 62.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.229 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008434.D
 Acq: 21 Apr 2022 10:40

Tgt Ion:146 Resp: 176731
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.8
 148 63.3 32.6 97.8

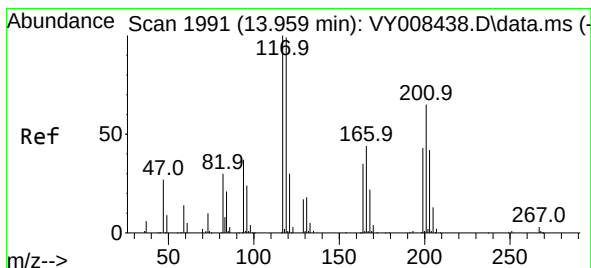
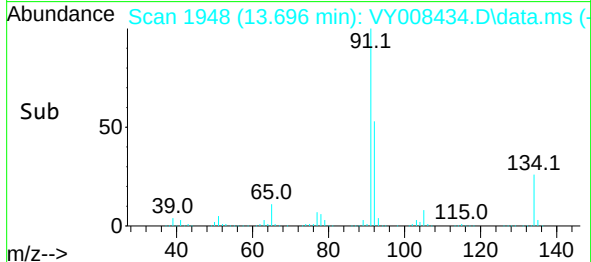
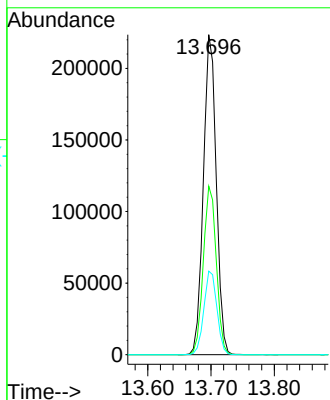
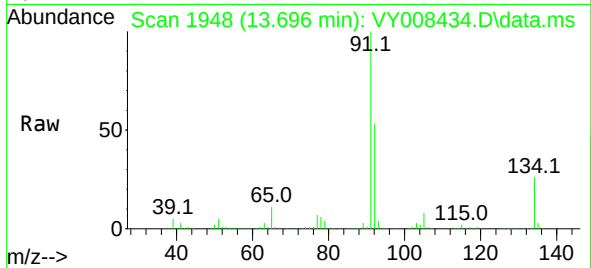




#89
n-Butylbenzene
Concen: 50.364 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

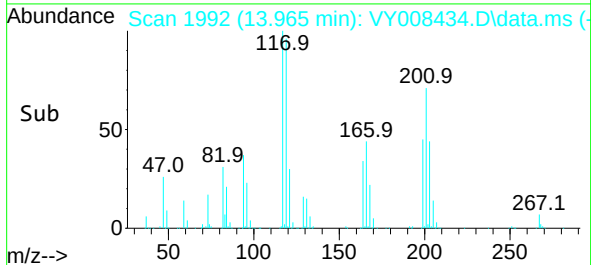
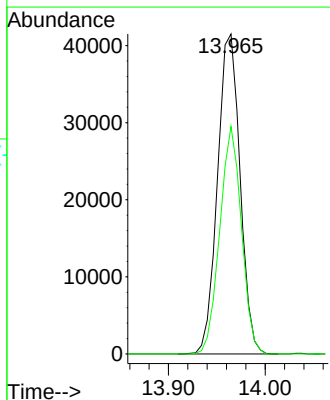
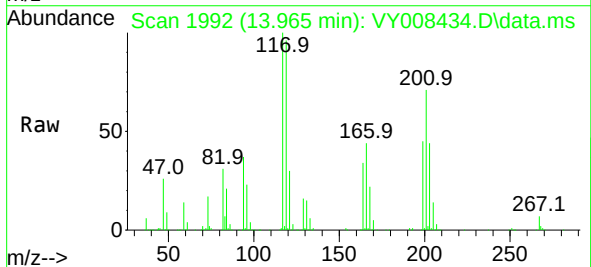
Instrument :
MSVOA_Y
ClientSampleId :

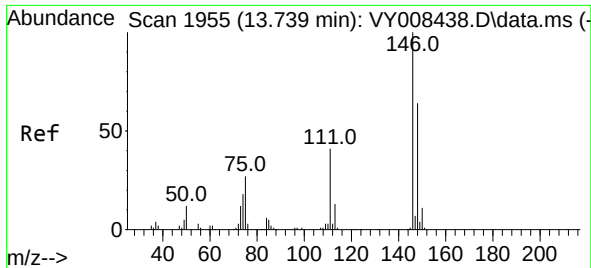
Tgt Ion: 91 Resp: 317288
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 26.5 13.0 38.9



#90
Hexachloroethane
Concen: 51.890 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008434.D
Acq: 21 Apr 2022 10:40

Tgt Ion: 117 Resp: 67117
Ion Ratio Lower Upper
117 100
201 68.3 43.0 128.8

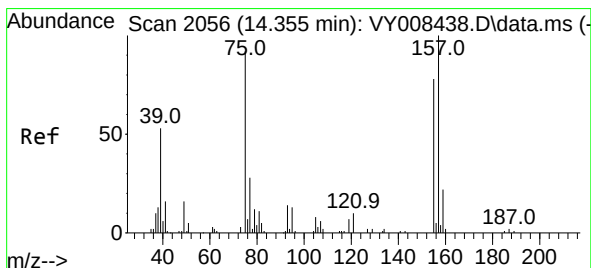
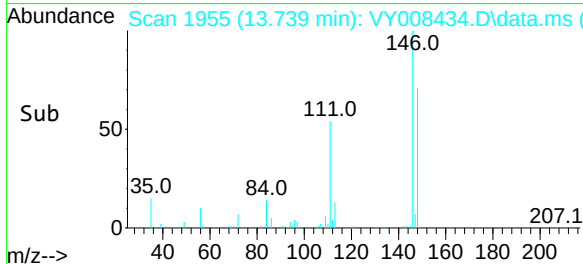
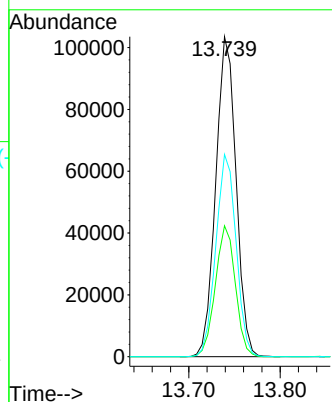
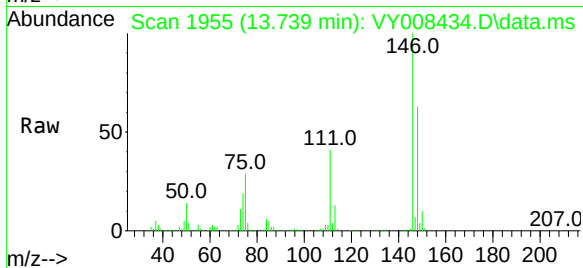




#91
 1,2-Dichlorobenzene
 Concen: 48.436 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY008434.D
 Acq: 21 Apr 2022 10:40

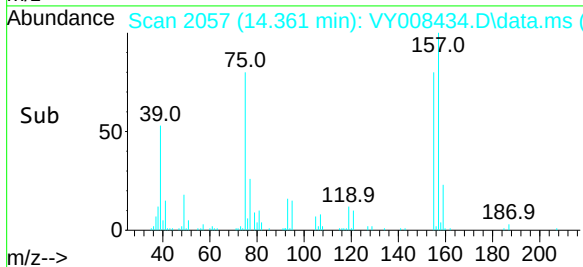
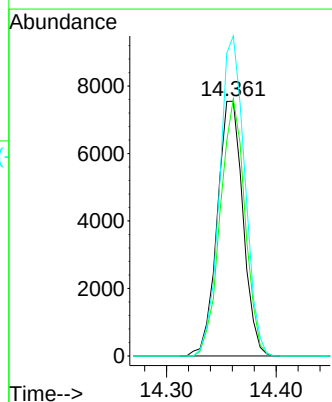
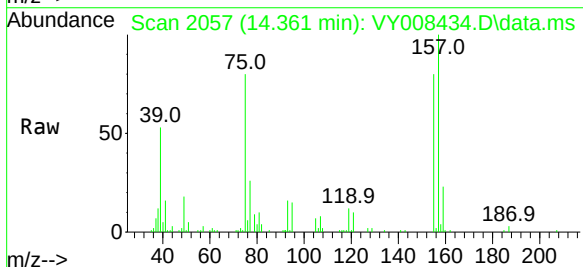
Instrument :
 MSVOA_Y
 ClientSampleId :

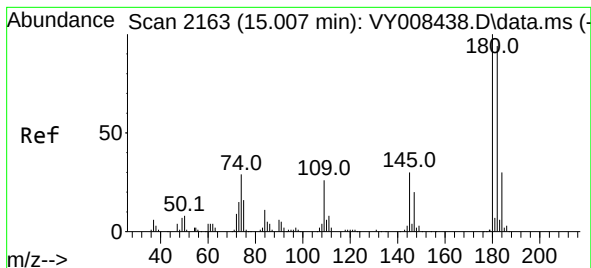
Tgt Ion:146 Resp: 159779
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 63.2 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.747 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY008434.D
 Acq: 21 Apr 2022 10:40

Tgt Ion: 75 Resp: 12300
 Ion Ratio Lower Upper
 75 100
 155 96.6 38.0 113.9
 157 122.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 46.957 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :

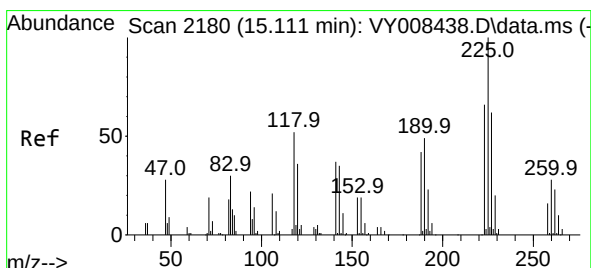
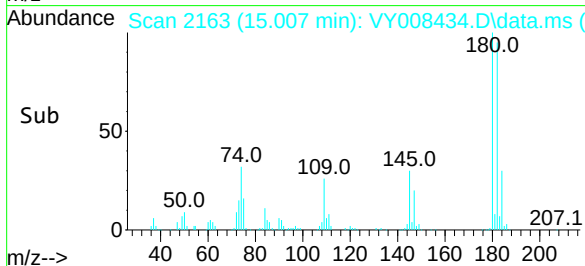
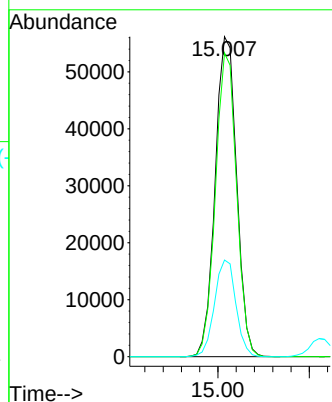
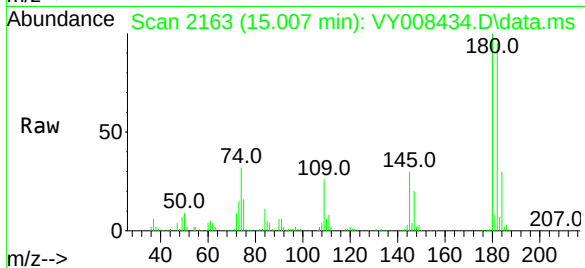
Tgt Ion:180 Resp: 91522

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 30.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.137 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

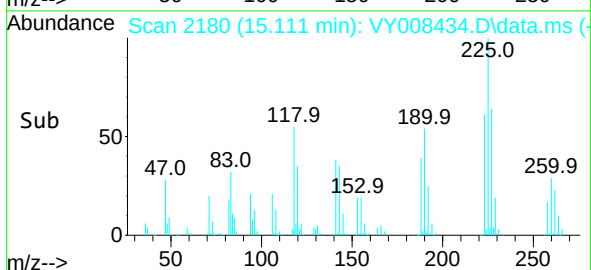
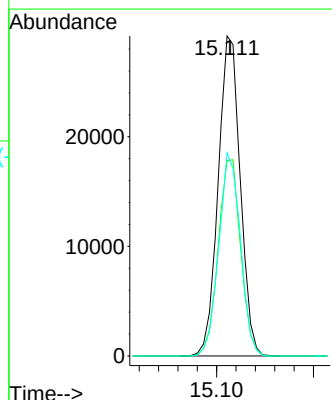
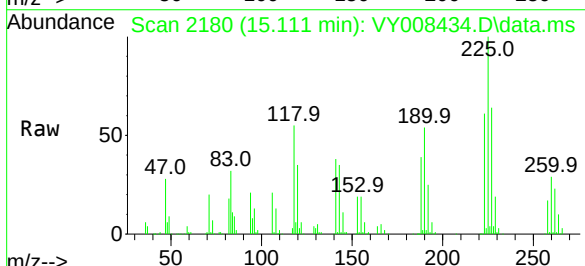
Tgt Ion:225 Resp: 46142

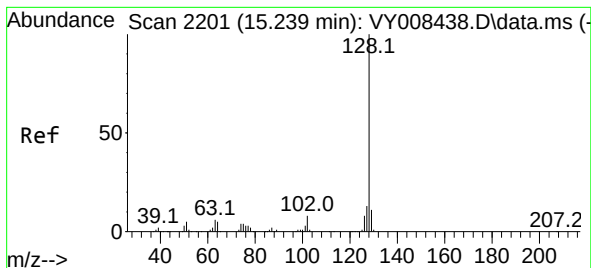
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 62.2 31.6 94.7





#95

Naphthalene

Concen: 48.312 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Instrument :

MSVOA_Y

ClientSampleId :

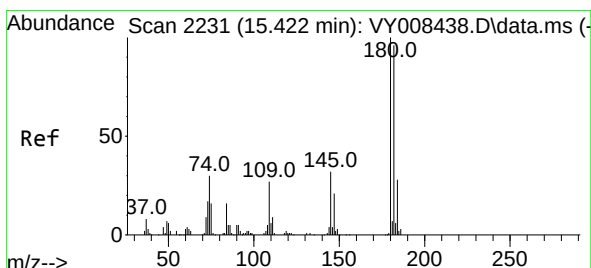
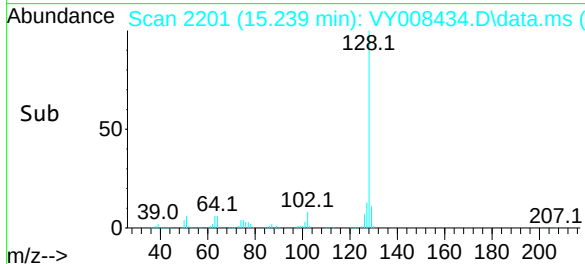
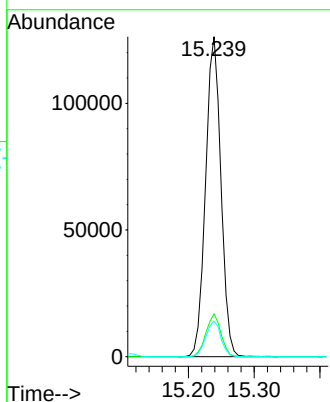
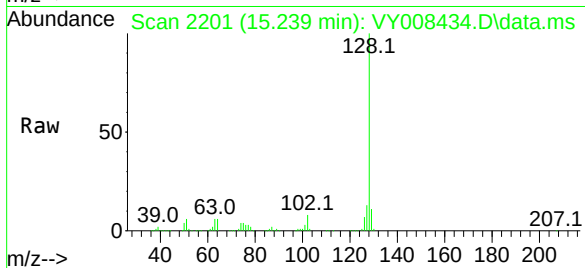
Tgt Ion:128 Resp: 204605

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.541 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008434.D

Acq: 21 Apr 2022 10:40

Tgt Ion:180 Resp: 79646

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 31.7 15.3 45.9

