

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009646.D
 Acq On : 21 Jul 2022 20:22
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 22 02:32:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	261122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	233893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87544	52.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.860%	
35) Dibromofluoromethane	7.710	113	88353	53.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.420%	
50) Toluene-d8	10.173	98	323952	51.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.477	95	106461	51.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 103.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72470	46.781	ug/l	100
3) Chloromethane	2.107	50	110927	48.320	ug/l	98
4) Vinyl Chloride	2.241	62	136648	56.921	ug/l	96
5) Bromomethane	2.631	94	103931	63.963	ug/l	99
6) Chloroethane	2.778	64	90344	61.954	ug/l	100
7) Trichlorofluoromethane	3.107	101	154388	54.272	ug/l	94
8) Diethyl Ether	3.515	74	48966	52.610	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.881	101	86433	51.959	ug/l	93
10) Methyl Iodide	4.076	142	112732	51.017	ug/l	89
11) Tert butyl alcohol	4.954	59	38876	231.888	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	81042	49.917	ug/l #	79
13) Acrolein	3.717	56	27054	226.642	ug/l	97
14) Allyl chloride	4.460	41	108572	43.231	ug/l #	93
15) Acrylonitrile	5.149	53	119917	260.871	ug/l	98
16) Acetone	3.936	43	86663	205.178	ug/l #	88
17) Carbon Disulfide	4.174	76	238391	47.233	ug/l	100
18) Methyl Acetate	4.466	43	54187	45.703	ug/l #	84
19) Methyl tert-butyl Ether	5.204	73	230889	53.960	ug/l	96
20) Methylene Chloride	4.698	84	127080	62.652	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	96966	52.769	ug/l #	81
22) Diisopropyl ether	6.106	45	257644	48.042	ug/l #	92
23) Vinyl Acetate	6.045	43	855096	252.712	ug/l #	90
24) 1,1-Dichloroethane	6.003	63	157828	50.954	ug/l	96
25) 2-Butanone	6.978	43	152534	247.573	ug/l #	80
26) 2,2-Dichloropropane	6.966	77	123392	44.469	ug/l	91
27) cis-1,2-Dichloroethene	6.972	96	112009	55.133	ug/l	81
28) Bromochloromethane	7.326	49	66386	50.021	ug/l #	67
29) Tetrahydrofuran	7.338	42	104999	259.573	ug/l #	81
30) Chloroform	7.496	83	175915	55.519	ug/l	100
31) Cyclohexane	7.777	56	134781	45.780	ug/l	88
32) 1,1,1-Trichloroethane	7.691	97	158303	55.700	ug/l	95
36) 1,1-Dichloropropene	7.905	75	128161	52.720	ug/l	94
37) Ethyl Acetate	7.064	43	71127	52.571	ug/l #	94
38) Carbon Tetrachloride	7.893	117	145796	57.293	ug/l	98
39) Methylcyclohexane	9.173	83	157867	52.667	ug/l	89
40) Benzene	8.149	78	381687	53.659	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	97917	150.821	ug/l #	39
42) 1,2-Dichloroethane	8.228	62	113338	56.799	ug/l	91
43) Isopropyl Acetate	8.265	43	130114	52.483	ug/l #	89
44) Trichloroethene	8.929	130	114014	56.359	ug/l	95
45) 1,2-Dichloropropane	9.209	63	92553	53.034	ug/l	97
46) Dibromomethane	9.301	93	60030	59.226	ug/l	94
47) Bromodichloromethane	9.490	83	136350	57.370	ug/l	97
48) Methyl methacrylate	9.289	41	58882	53.757	ug/l #	84
49) 1,4-Dioxane	9.295	88	17037	1261.016	ug/l #	77
51) 4-Methyl-2-Pentanone	10.063	43	354039	275.039	ug/l	89
52) Toluene	10.240	92	247968	55.034	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	132337	53.910	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	149661	53.620	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	82271	57.634	ug/l	97
56) Ethyl methacrylate	10.508	69	104963	57.474	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	132091	55.762	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	261044	263.066	ug/l	90
59) 2-Hexanone	10.825	43	239192	267.165	ug/l	86
60) Dibromochloromethane	10.977	129	103166	59.726	ug/l	100
61) 1,2-Dibromoethane	11.081	107	80350	57.693	ug/l	100
64) Tetrachloroethene	10.715	164	110814	60.538	ug/l	95
65) Chlorobenzene	11.514	112	266379	55.734	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	105584	59.458	ug/l	98
67) Ethyl Benzene	11.587	91	459123	54.617	ug/l	96
68) m/p-Xylenes	11.697	106	374077	111.815	ug/l	89
69) o-Xylene	12.026	106	175687	56.116	ug/l	89
70) Styrene	12.038	104	298105	57.248	ug/l	94
71) Bromoform	12.203	173	70415	62.835	ug/l #	98
73) Isopropylbenzene	12.325	105	458599	54.144	ug/l	99
74) N-amyl acetate	12.142	43	112189	49.804	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	91310	53.830	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	116206	99.717	ug/l #	100
77) Bromobenzene	12.605	156	119598	56.152	ug/l	84
78) n-propylbenzene	12.666	91	539246	52.688	ug/l	96
79) 2-Chlorotoluene	12.752	91	300684	52.989	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	380926	54.427	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	30078	50.892	ug/l #	85
82) 4-Chlorotoluene	12.849	91	311362	52.891	ug/l	93
83) tert-Butylbenzene	13.075	119	344972	55.480	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	378568	54.086	ug/l	97
85) sec-Butylbenzene	13.251	105	491426	53.306	ug/l	97
86) p-Isopropyltoluene	13.367	119	422160	54.490	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	229058	54.365	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	227090	54.360	ug/l	97
89) n-Butylbenzene	13.690	91	372315	52.619	ug/l	98
90) Hexachloroethane	13.959	117	81308	54.473	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	204040	55.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14742	57.127	ug/l	60
93) 1,2,4-Trichlorobenzene	15.007	180	131140	56.766	ug/l	99
94) Hexachlorobutadiene	15.111	225	77825	56.787	ug/l	99
95) Naphthalene	15.233	128	269548	61.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	117782	58.040	ug/l	100

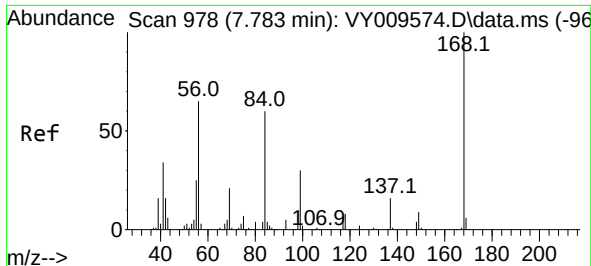
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Response via : Initial Calibration

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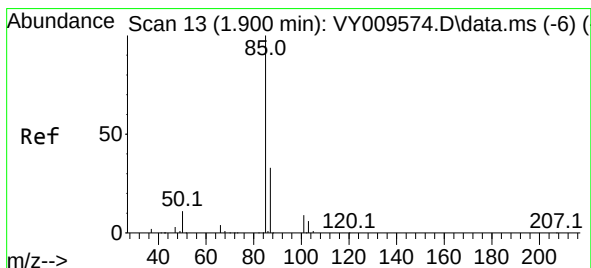
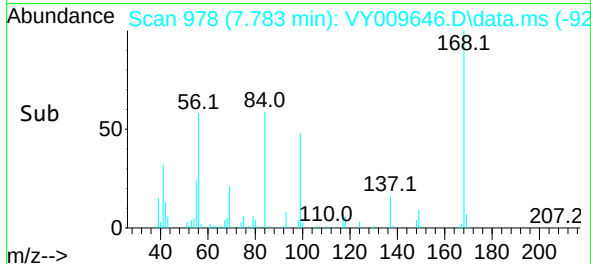
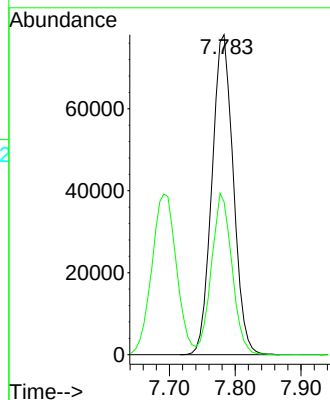
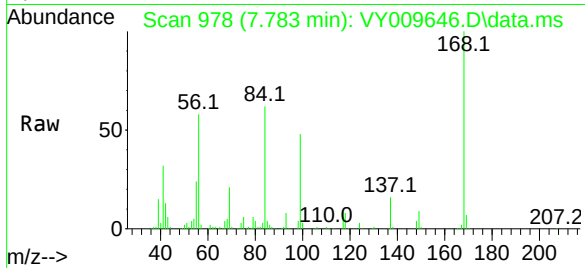
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009646.D
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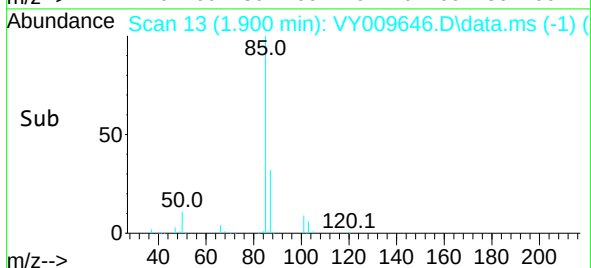
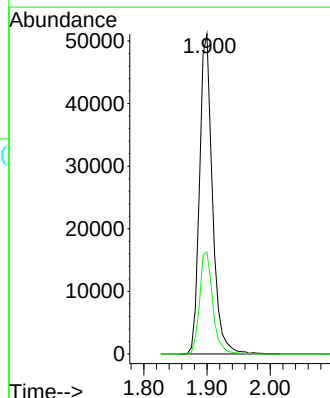
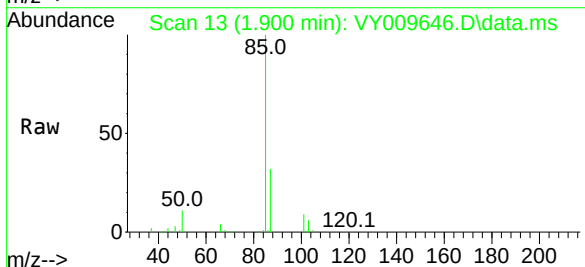
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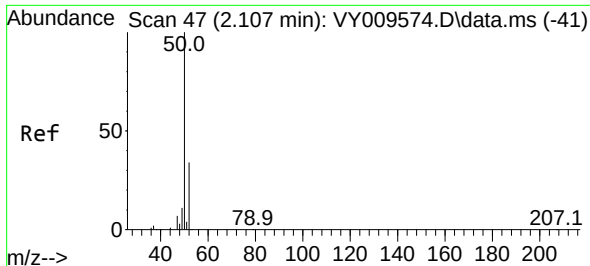
Tgt Ion:168 Resp: 176545
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 46.781 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 85 Resp: 72470
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2

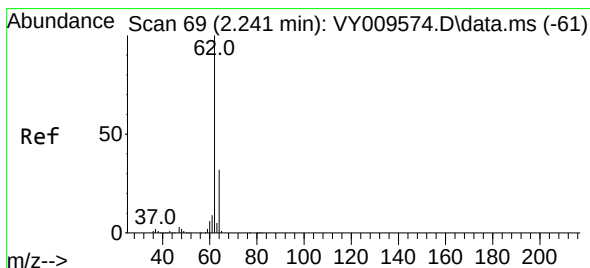
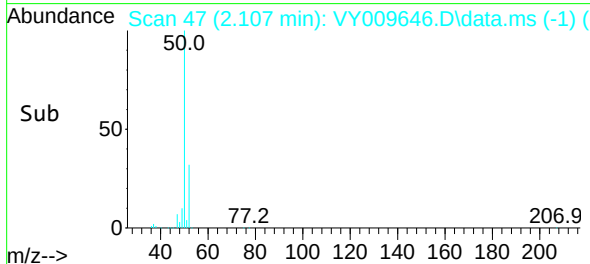
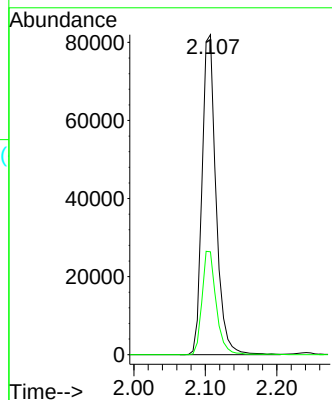
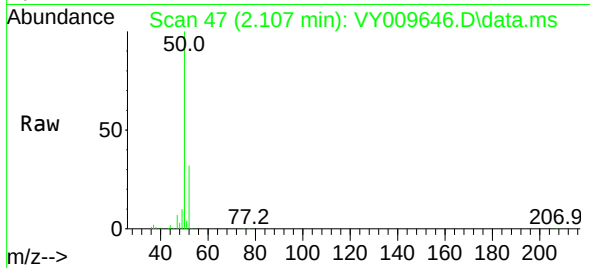




#3
Chloromethane
Concen: 48.320 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

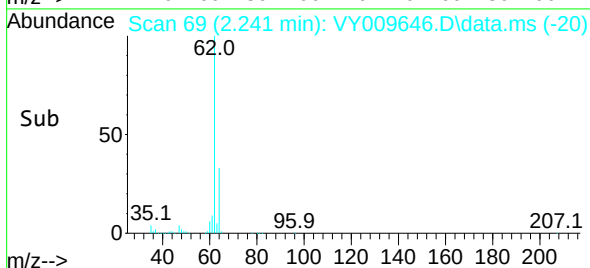
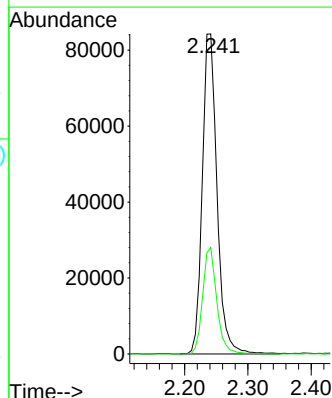
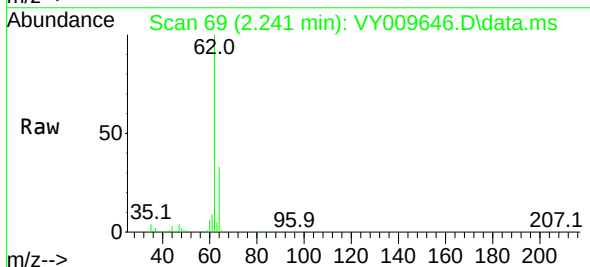
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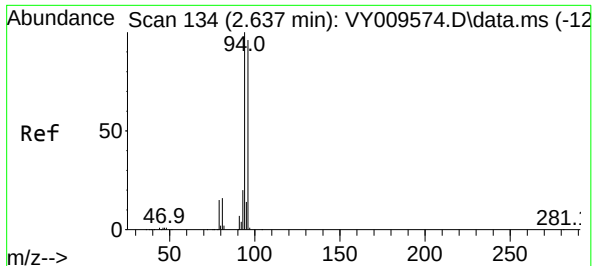
Tgt Ion: 50 Resp: 110927
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: 56.921 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 62 Resp: 136648
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6

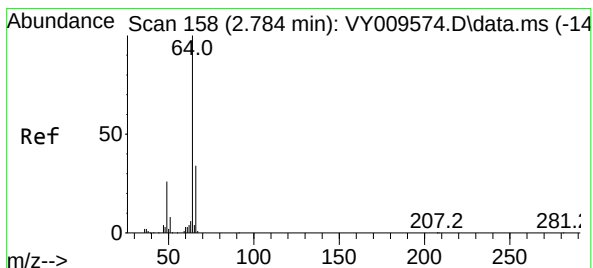
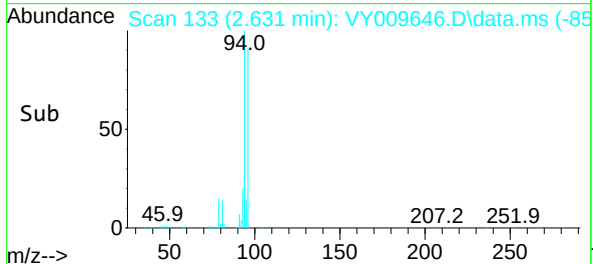
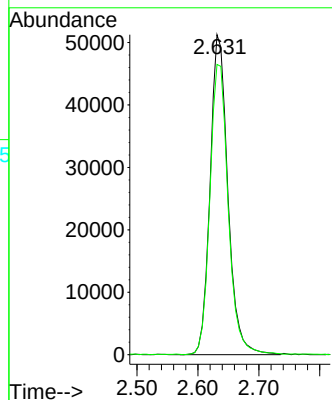
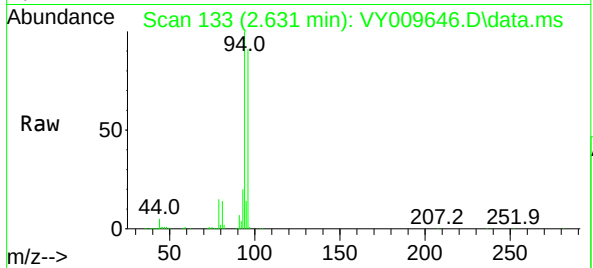




#5
Bromomethane
Concen: 63.963 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

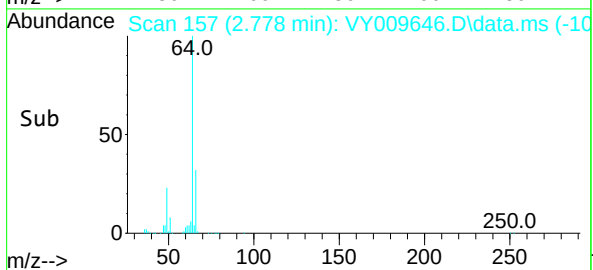
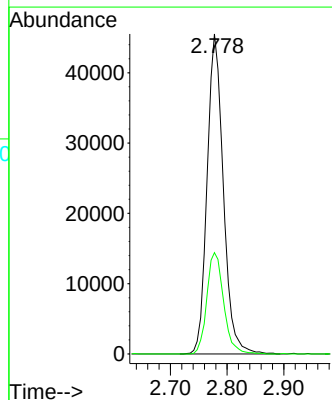
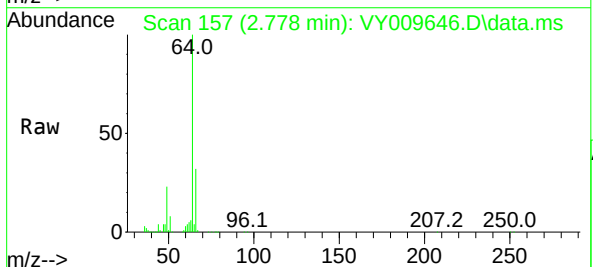
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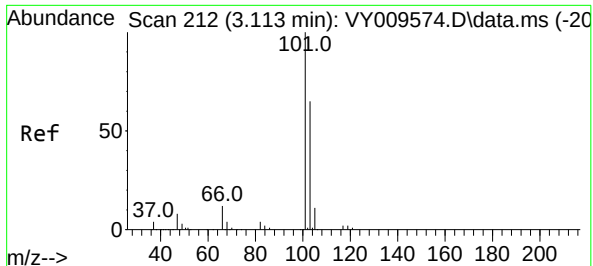
Tgt Ion: 94 Resp: 103931
Ion Ratio Lower Upper
94 100
96 90.6 73.5 110.3



#6
Chloroethane
Concen: 61.954 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 64 Resp: 90344
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0

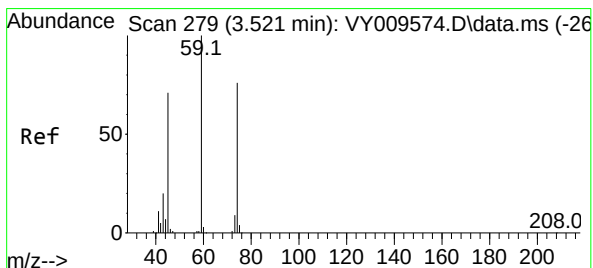
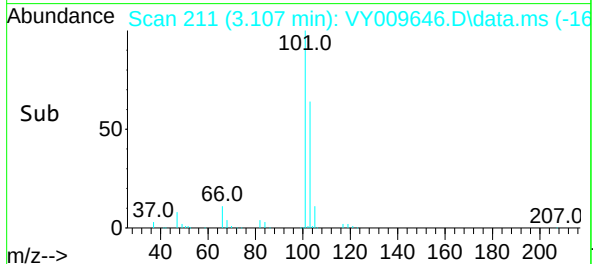
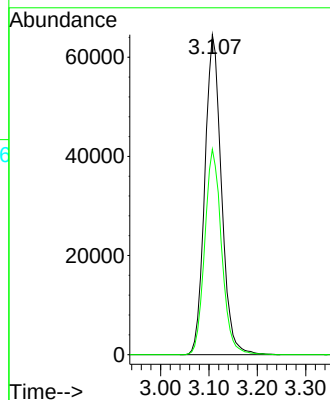
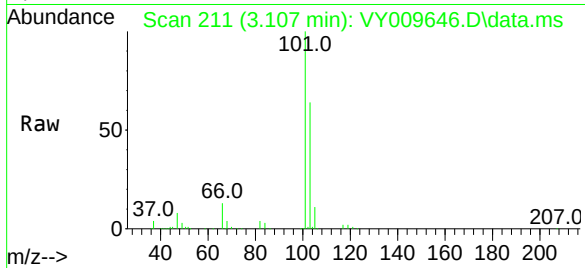




#7
Trichlorofluoromethane
Concen: 54.272 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY009646.D
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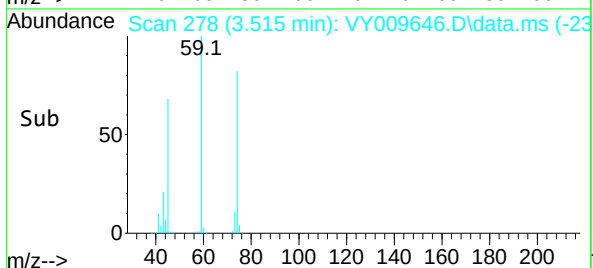
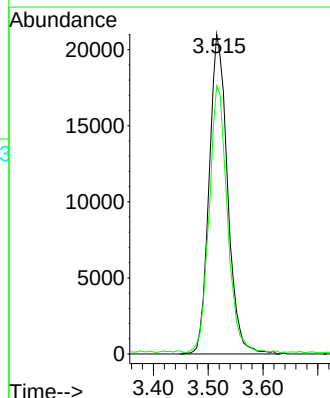
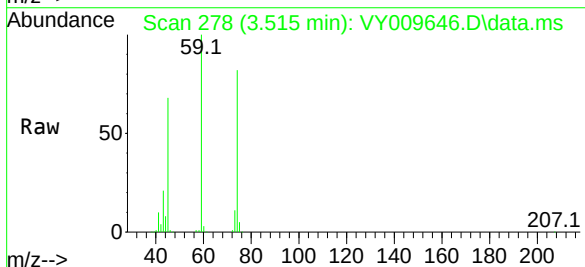
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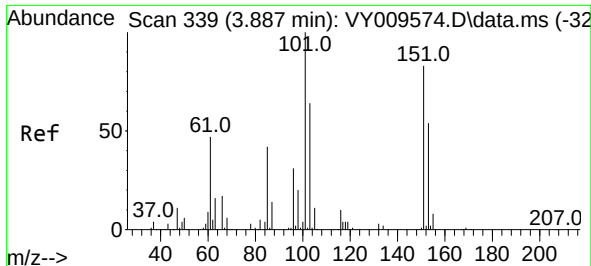
Tgt Ion:101 Resp: 154388
Ion Ratio Lower Upper
101 100
103 64.2 48.0 72.0



#8
Diethyl Ether
Concen: 52.610 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 74 Resp: 48966
Ion Ratio Lower Upper
74 100
45 82.3 55.1 165.5

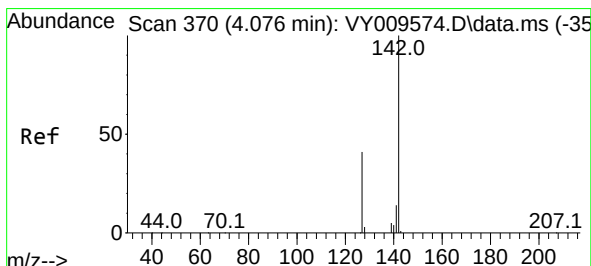
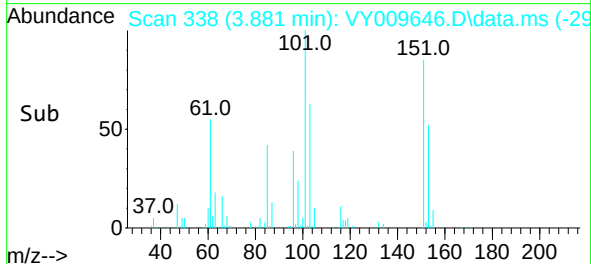
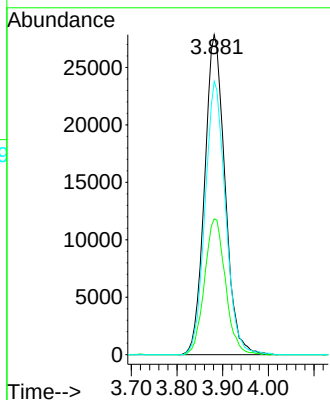
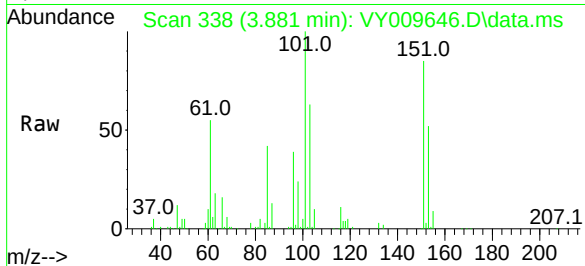




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.959 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009646.D
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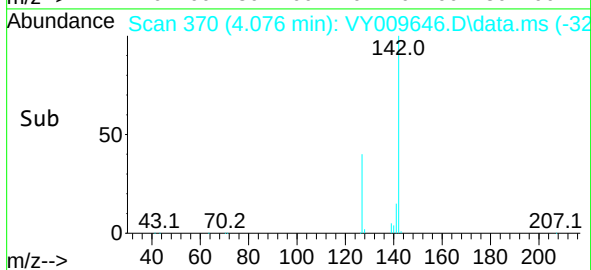
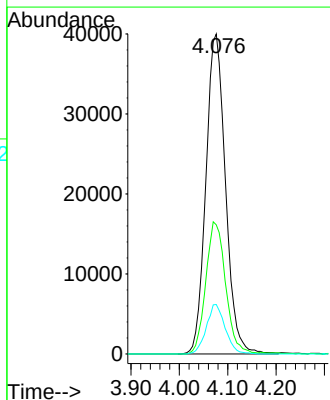
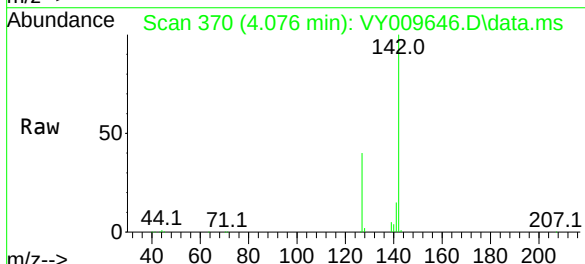
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ClientSampleId :
VSTDCCC050EC

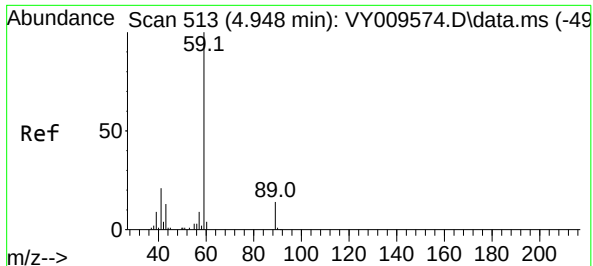
Tgt Ion:	101	Resp:	86433
Ion	Ratio	Lower	Upper
101	100		
85	43.6	40.6	60.8
151	85.5	64.9	97.3



#10
Methyl Iodide
Concen: 51.017 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion:	142	Resp:	112732
Ion	Ratio	Lower	Upper
142	100		
127	41.7	41.5	62.3
141	14.9	11.9	17.9





#11

Tert butyl alcohol

Concen: 231.888 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

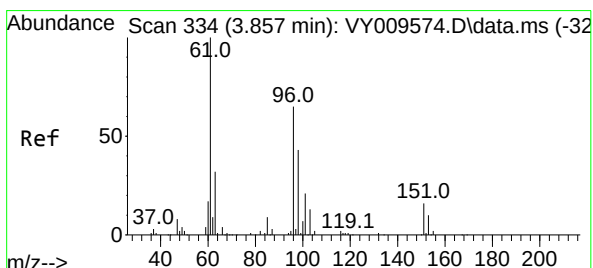
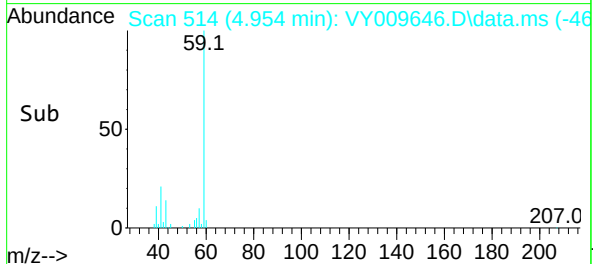
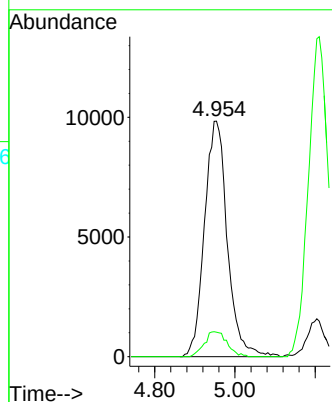
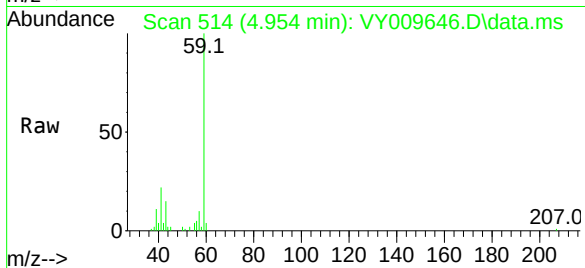
VSTDCCC050EC

Tgt Ion: 59 Resp: 38876

Ion Ratio Lower Upper

59 100

57 10.6 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 49.917 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

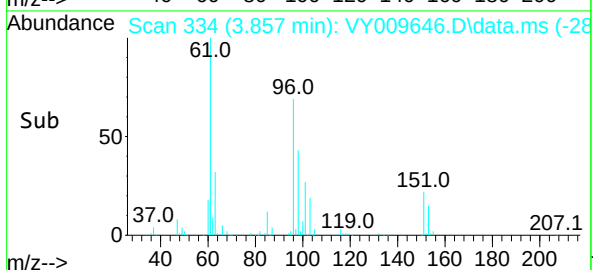
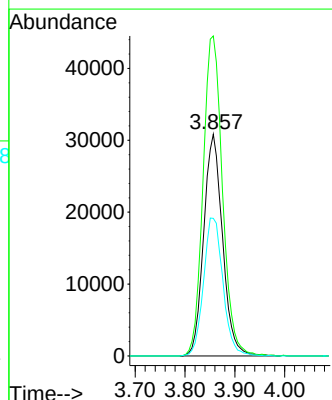
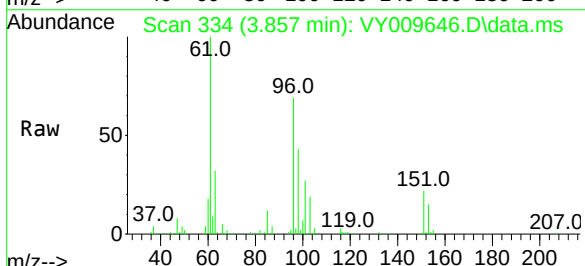
Tgt Ion: 96 Resp: 81042

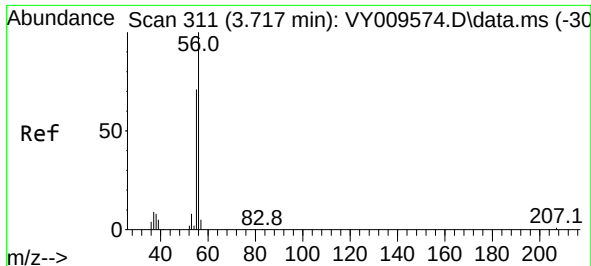
Ion Ratio Lower Upper

96 100

61 144.3 145.8 218.6#

98 62.0 52.5 78.7





#13

Acrolein

Concen: 226.642 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

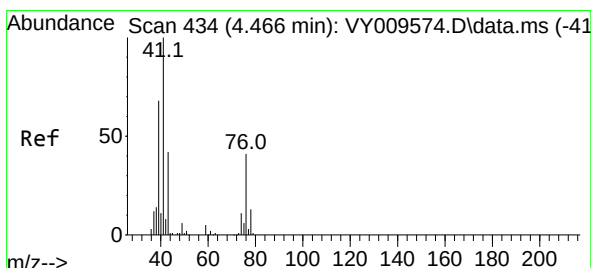
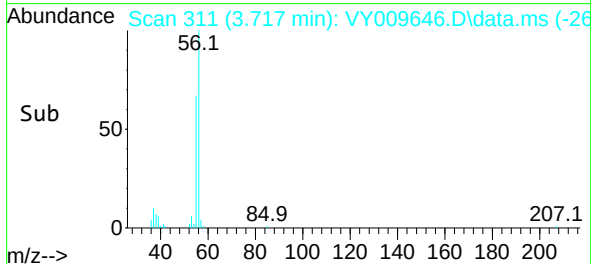
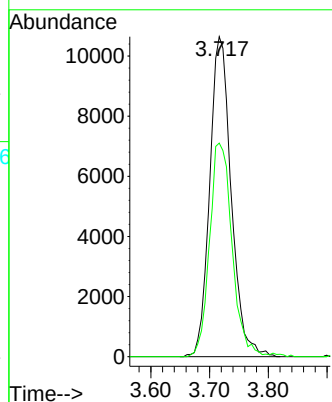
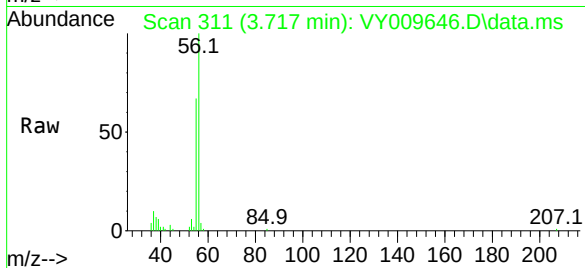
VSTDCCC050EC

Tgt Ion: 56 Resp: 27054

Ion Ratio Lower Upper

56 100

55 69.8 57.6 86.4



#14

Allyl chloride

Concen: 43.231 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

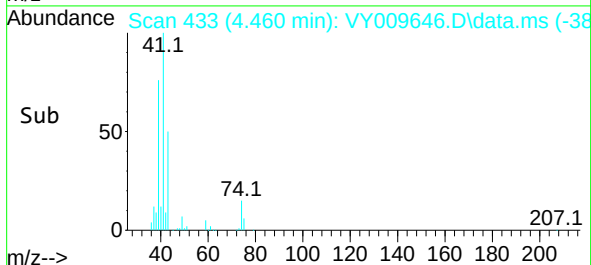
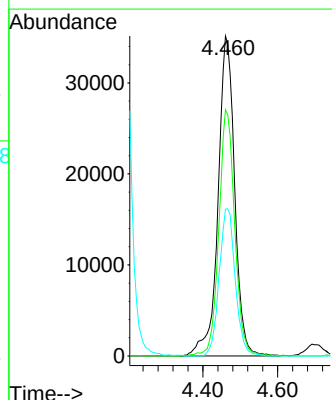
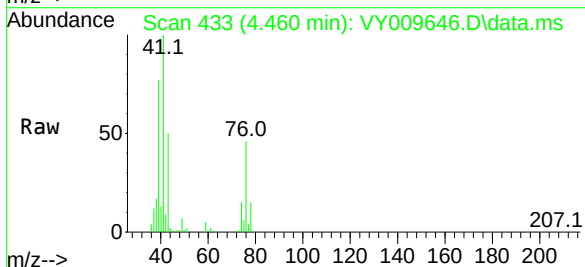
Tgt Ion: 41 Resp: 108572

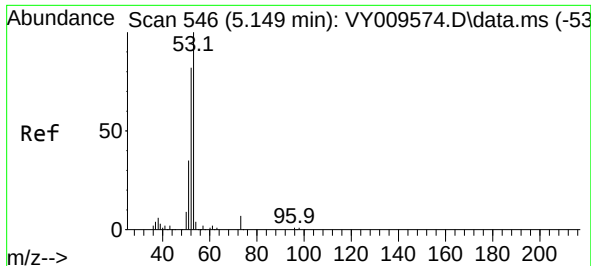
Ion Ratio Lower Upper

41 100

39 73.7 58.8 88.2

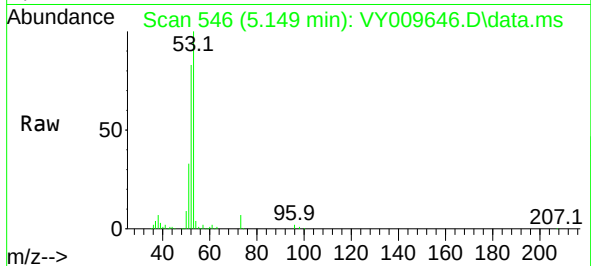
76 44.5 25.1 37.7#



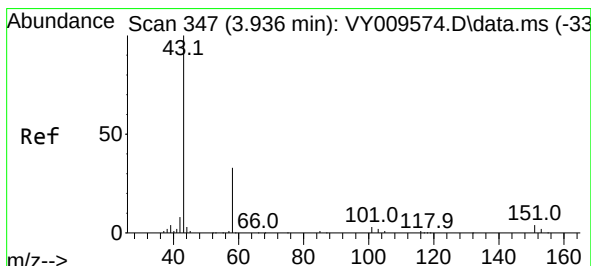
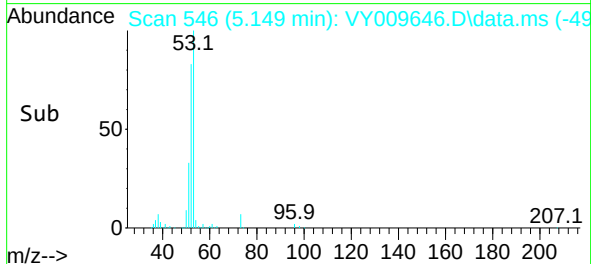
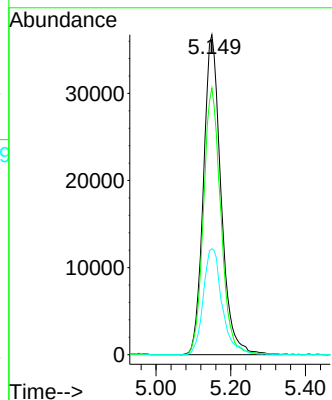


#15
Acrylonitrile
Concen: 260.871 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

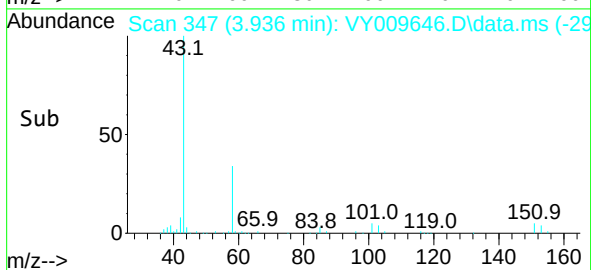
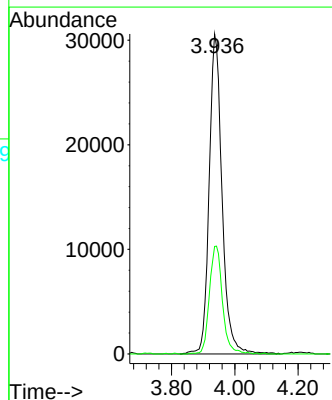
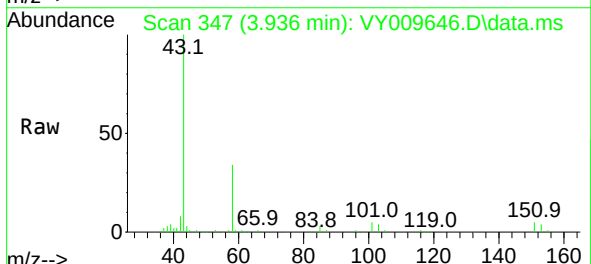


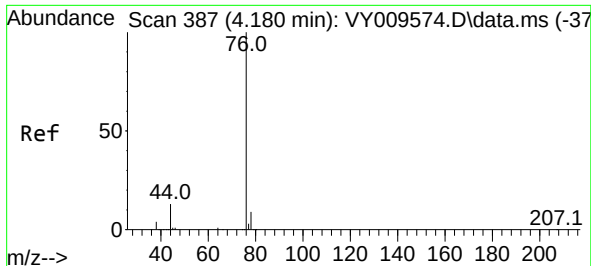
Tgt Ion: 53	Resp: 119917
Ion Ratio	Lower Upper
53 100	
52 82.2	67.0 100.4
51 35.7	29.8 44.6



#16
Acetone
Concen: 205.178 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 43	Resp: 86663
Ion Ratio	Lower Upper
43 100	
58 33.6	22.0 33.0#

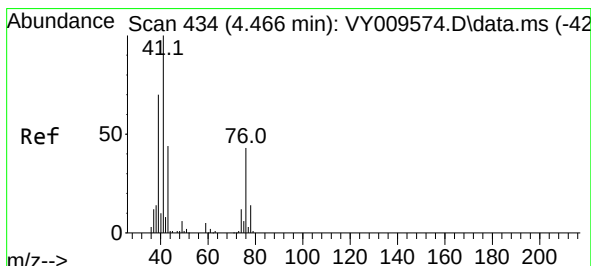
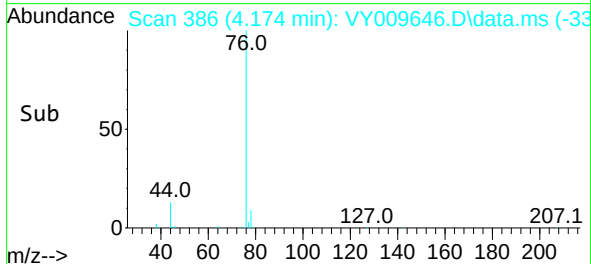
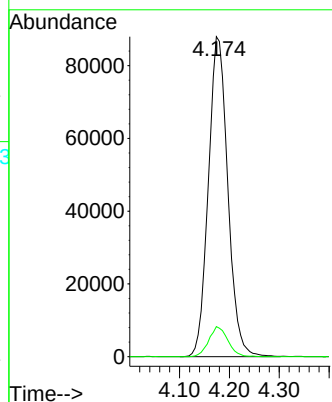
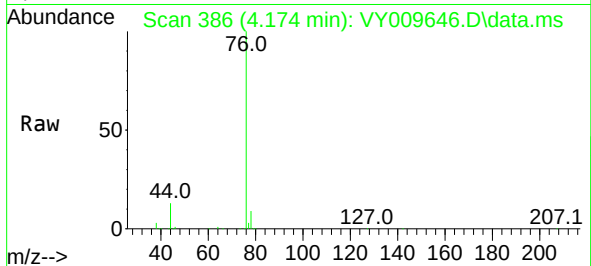




#17
Carbon Disulfide
Concen: 47.233 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

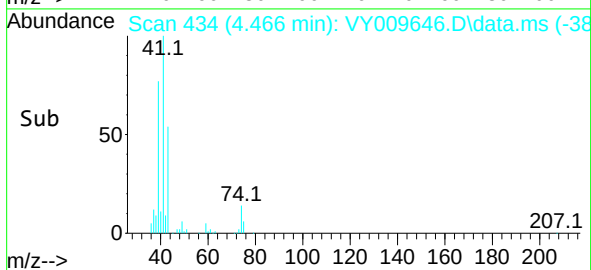
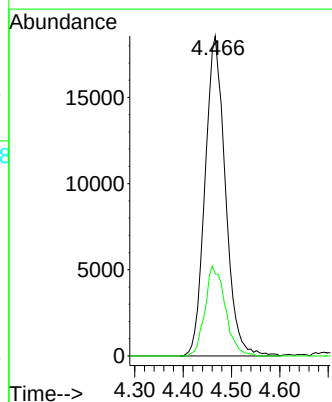
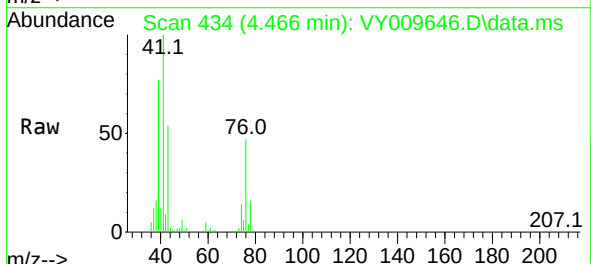
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

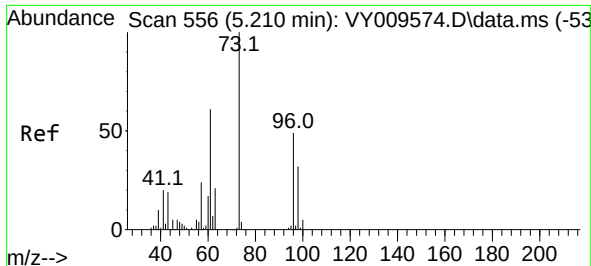
Tgt Ion: 76 Resp: 238391
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 45.703 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 43 Resp: 54187
Ion Ratio Lower Upper
43 100
74 28.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 53.960 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

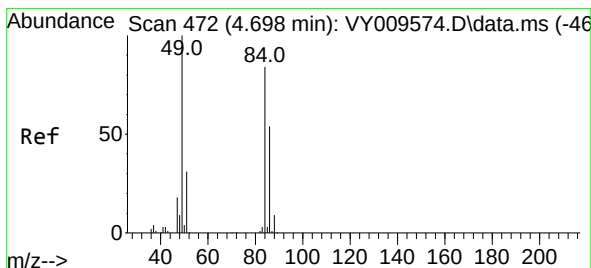
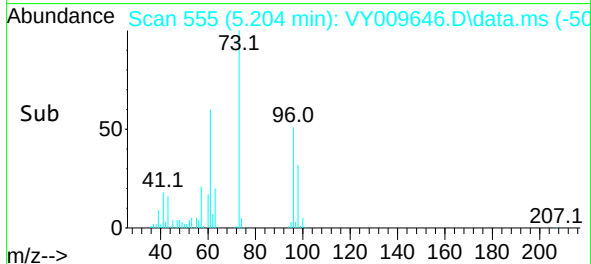
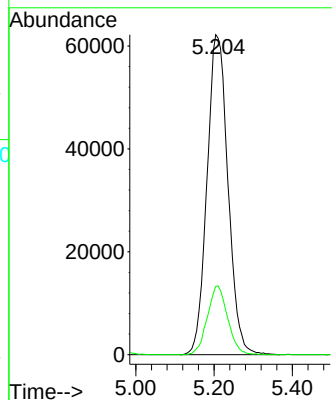
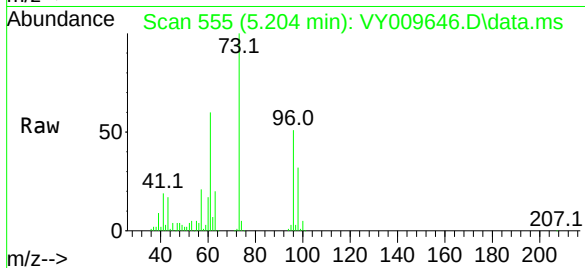
VSTDCCC050EC

Tgt Ion: 73 Resp: 230889

Ion Ratio Lower Upper

73 100

57 21.4 18.6 27.8



#20

Methylene Chloride

Concen: 62.652 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Tgt Ion: 84 Resp: 127080

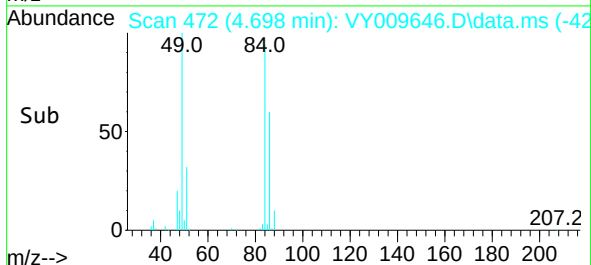
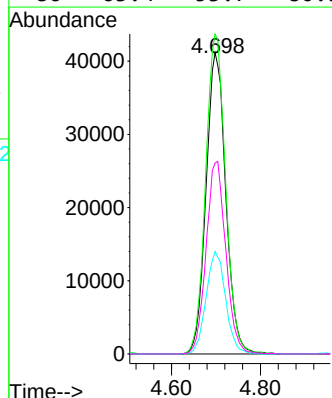
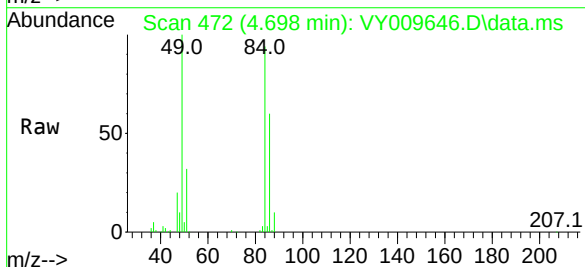
Ion Ratio Lower Upper

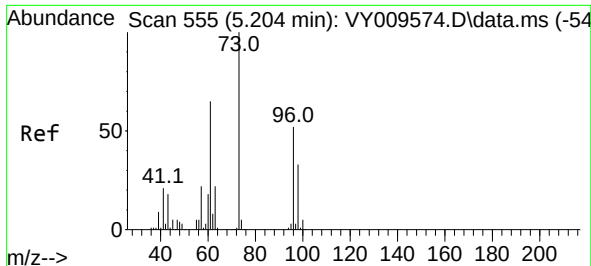
84 100

49 106.2 114.4 171.6#

51 34.0 35.3 52.9#

86 63.4 53.7 80.5

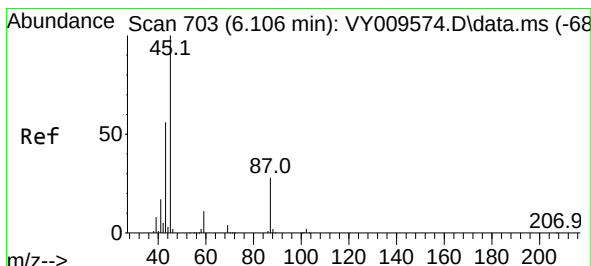
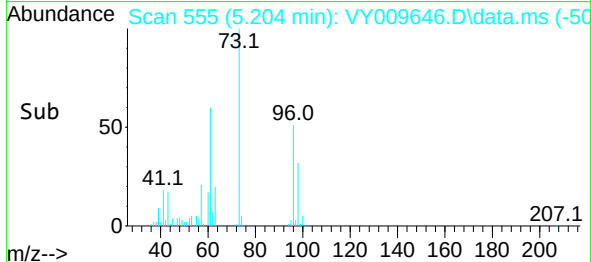
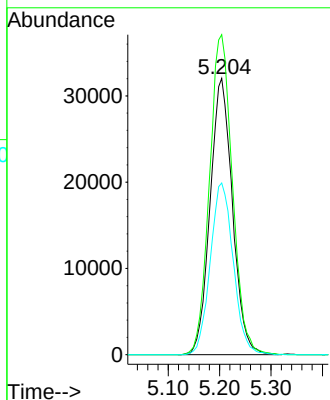
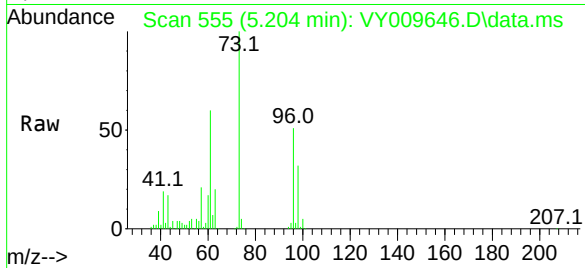




#21
trans-1,2-Dichloroethene
Concen: 52.769 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

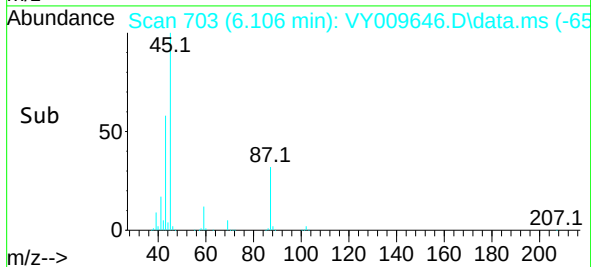
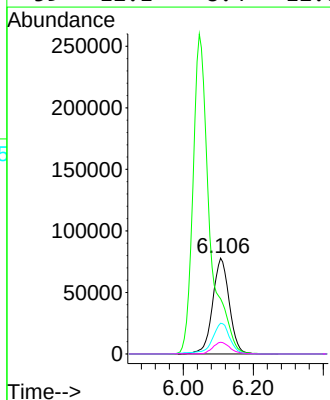
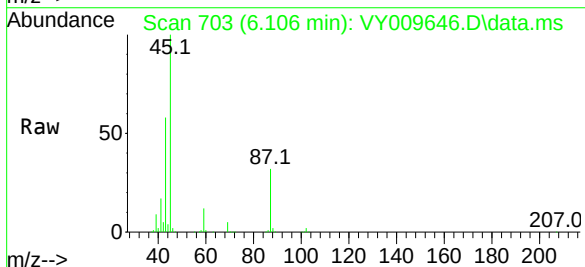
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

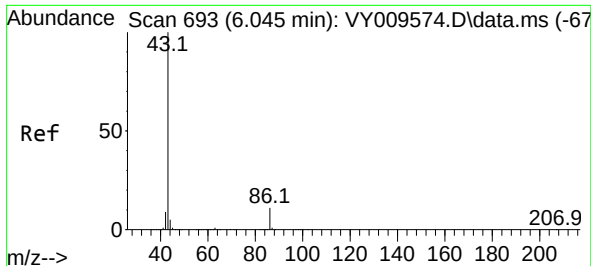
Tgt Ion: 96 Resp: 96966
Ion Ratio Lower Upper
96 100
61 115.8 120.5 180.7#
98 62.2 49.8 74.8



#22
Diisopropyl ether
Concen: 48.042 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 45 Resp: 257644
Ion Ratio Lower Upper
45 100
43 57.4 49.3 73.9
87 32.0 19.2 28.8#
59 12.1 8.4 12.6

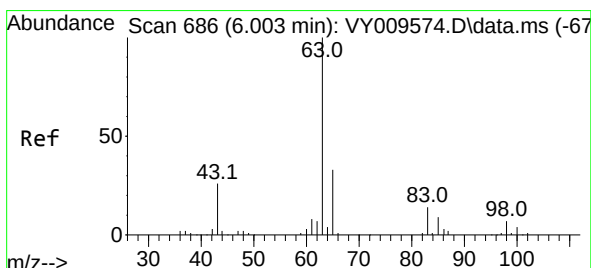
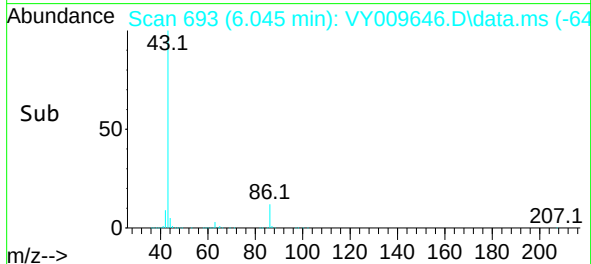
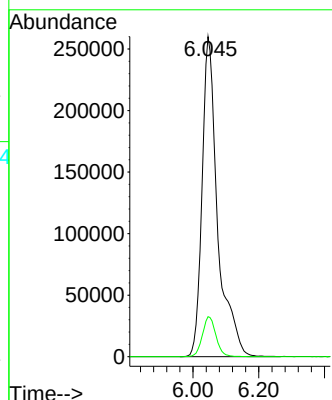
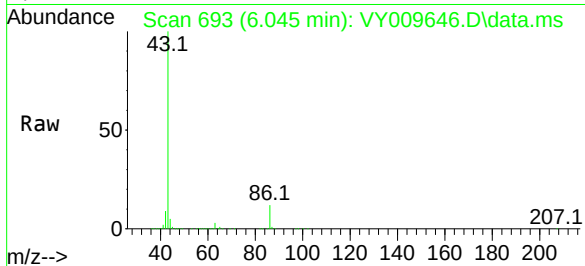




#23
 Vinyl Acetate
 Concen: 252.712 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY009646.D
 Acq: 21 Jul 2022 20:22

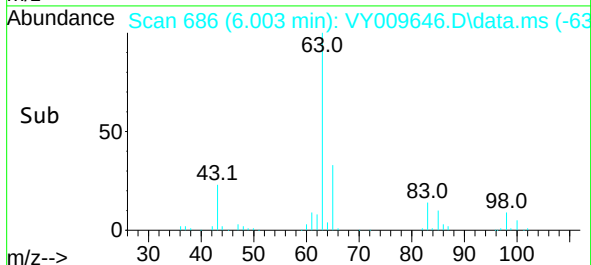
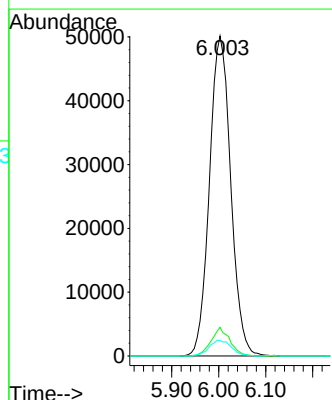
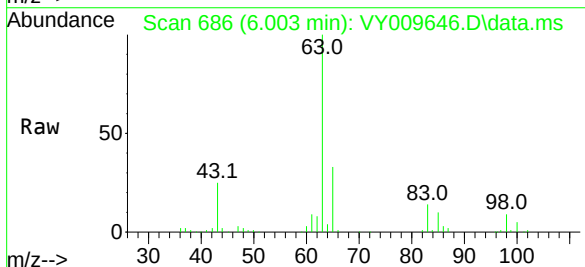
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

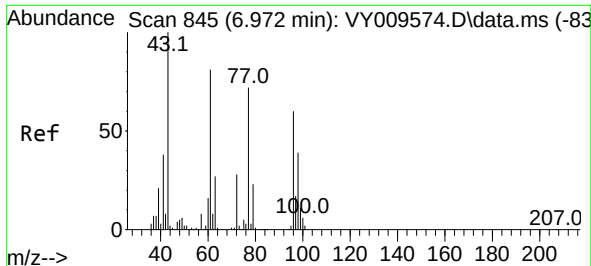
Tgt Ion: 43 Resp: 855096
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.954 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009646.D
 Acq: 21 Jul 2022 20:22

Tgt Ion: 63 Resp: 157828
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 247.573 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

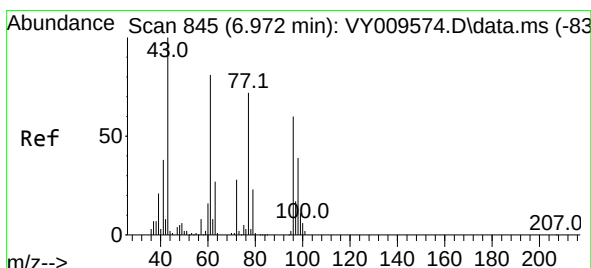
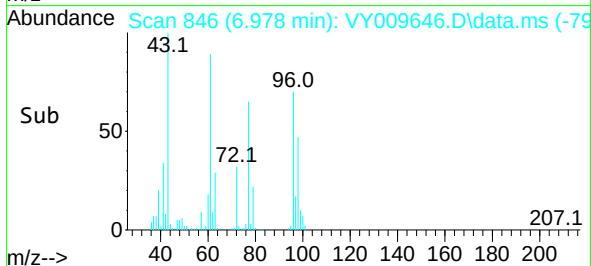
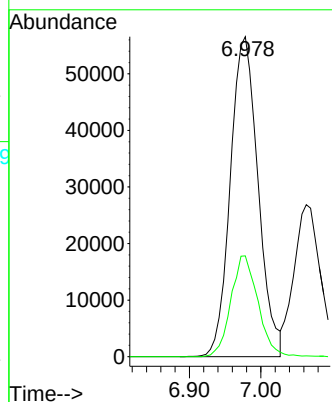
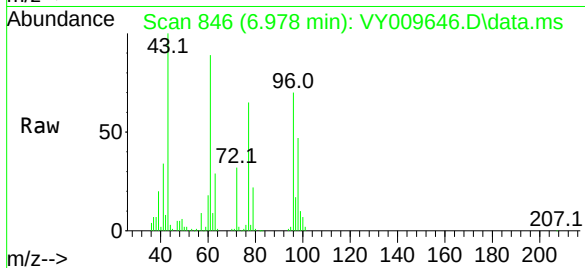
VSTDCCC050EC

Tgt Ion: 43 Resp: 152534

Ion Ratio Lower Upper

43 100

72 31.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 44.469 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009646.D

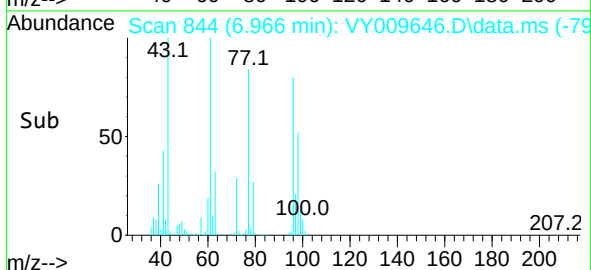
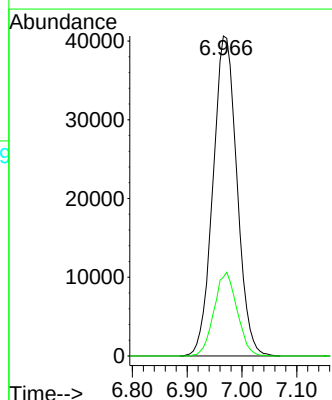
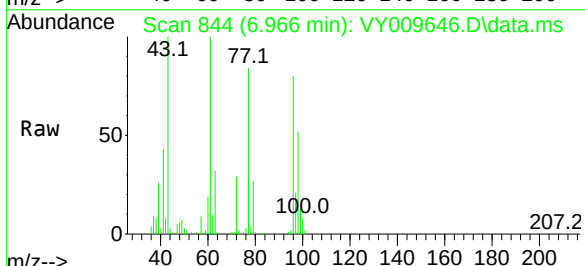
Acq: 21 Jul 2022 20:22

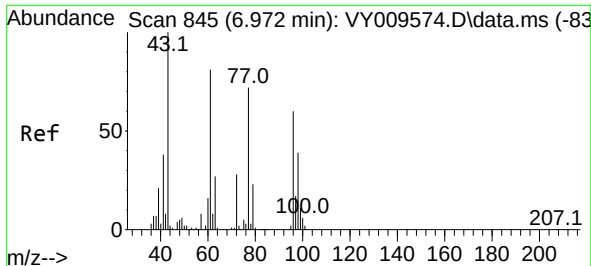
Tgt Ion: 77 Resp: 123392

Ion Ratio Lower Upper

77 100

97 25.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 55.133 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

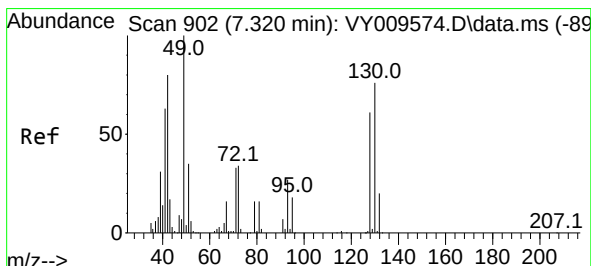
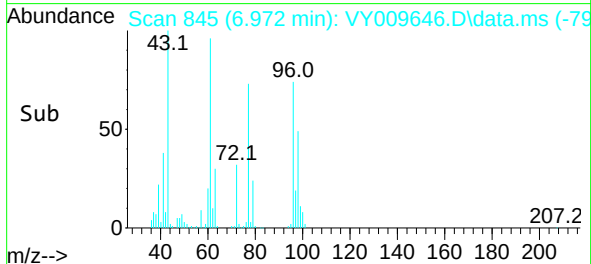
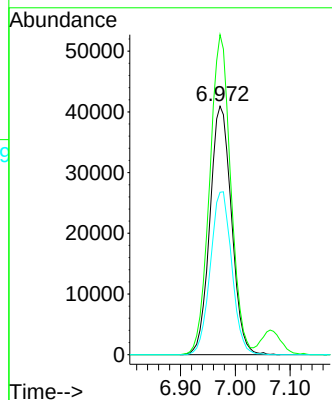
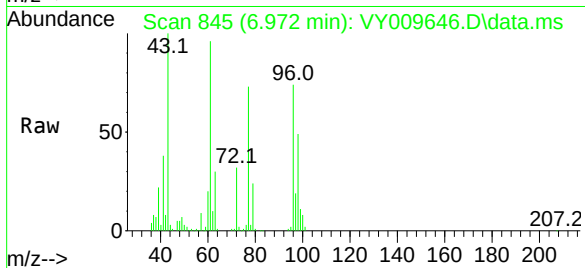
Tgt Ion: 96 Resp: 112009

Ion Ratio Lower Upper

96 100

61 126.1 0.0 319.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 50.021 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

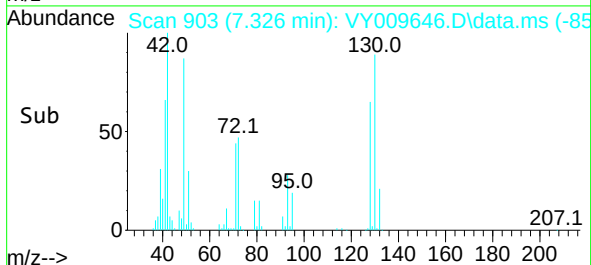
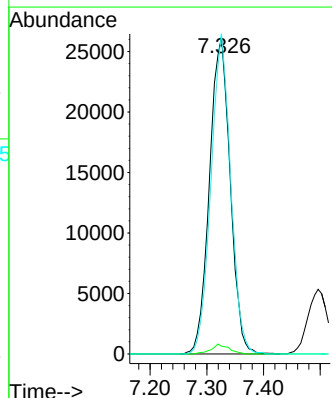
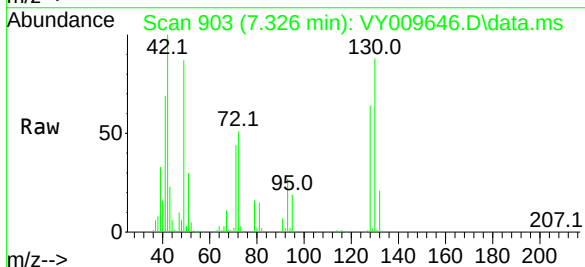
Tgt Ion: 49 Resp: 66386

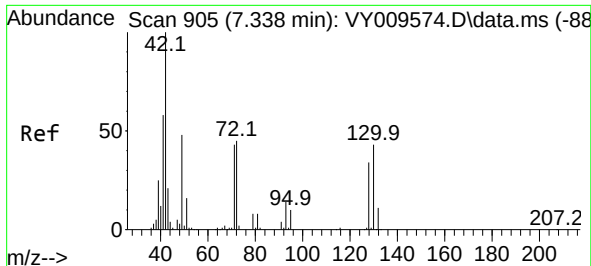
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

130 96.2 55.4 83.0#





#29

Tetrahydrofuran

Concen: 259.573 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

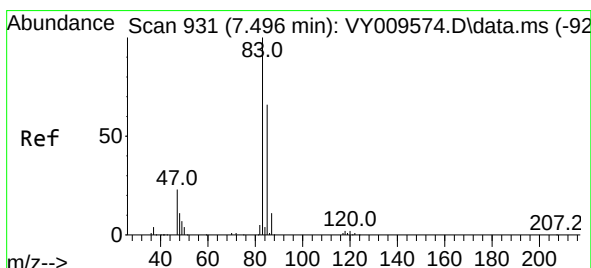
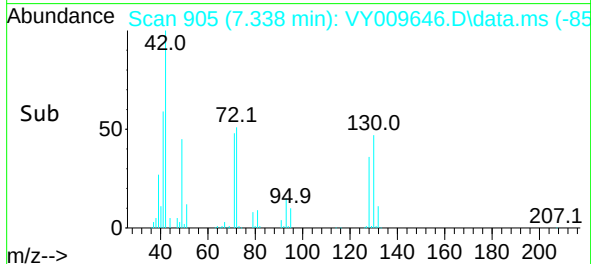
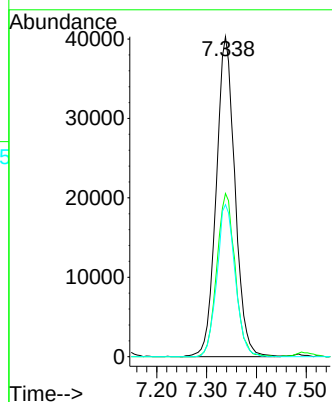
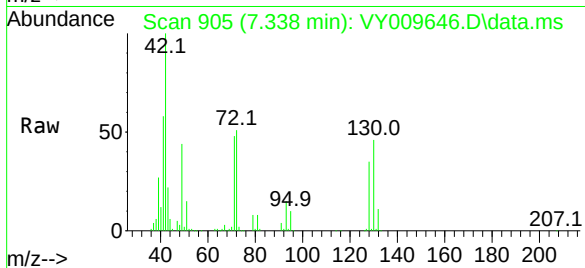
Tgt Ion: 42 Resp: 104999

Ion Ratio Lower Upper

42 100

72 49.8 30.3 45.5#

71 46.5 29.0 43.4#



#30

Chloroform

Concen: 55.519 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009646.D

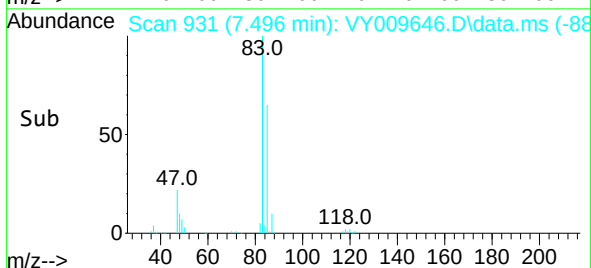
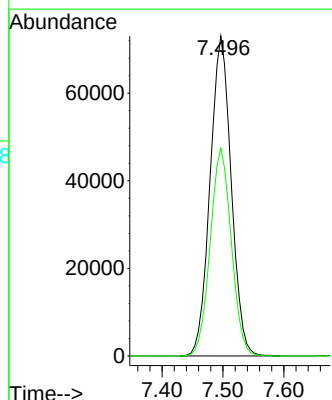
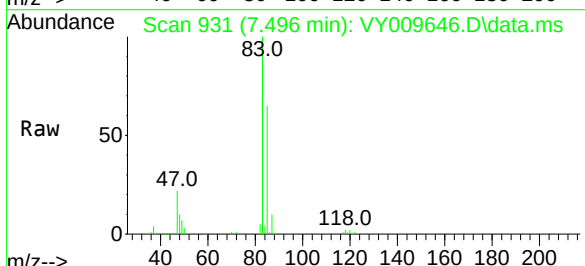
Acq: 21 Jul 2022 20:22

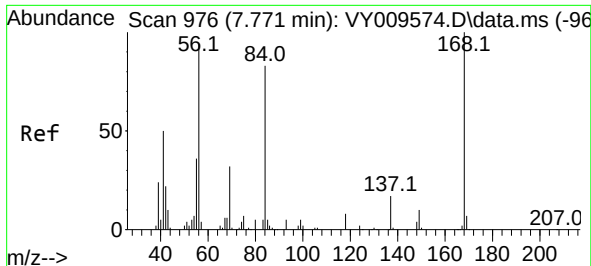
Tgt Ion: 83 Resp: 175915

Ion Ratio Lower Upper

83 100

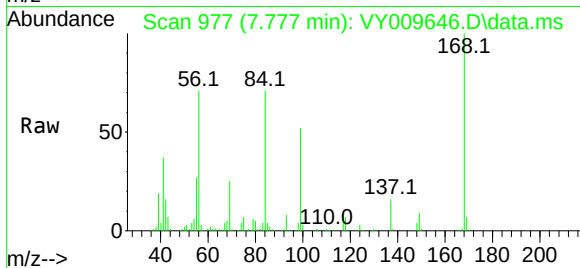
85 64.9 51.8 77.6



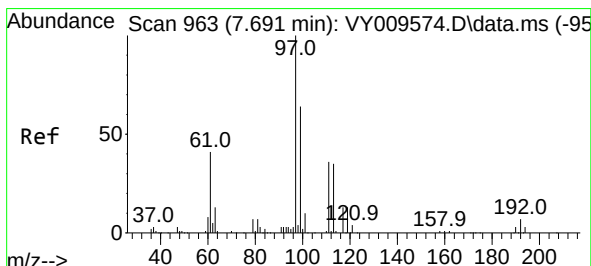
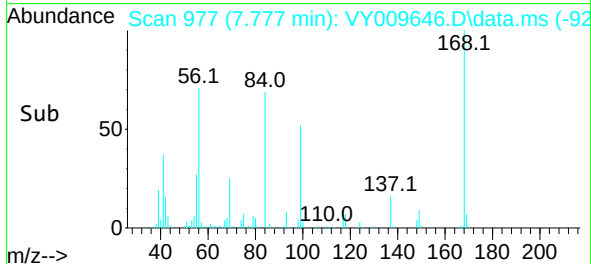
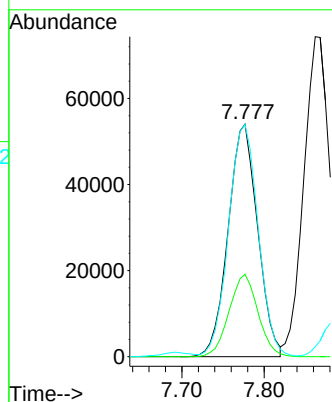


#31
Cyclohexane
Concen: 45.780 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

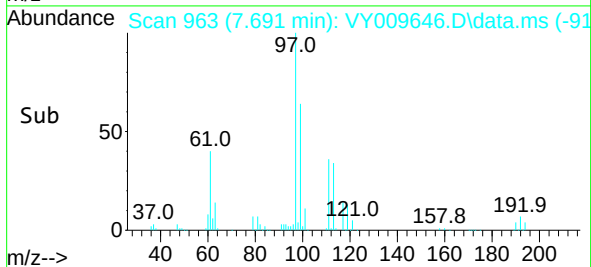
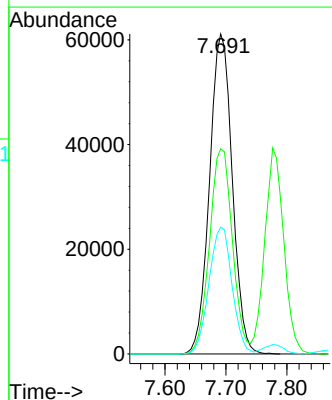
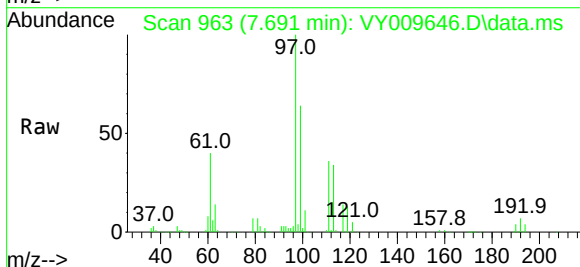


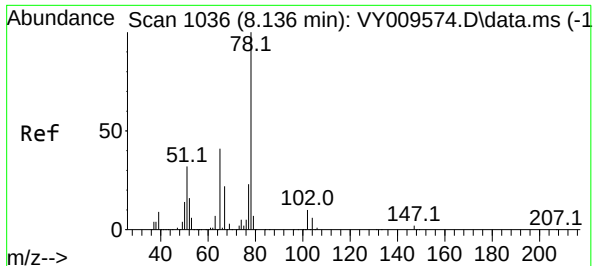
Tgt Ion: 56 Resp: 134781
Ion Ratio Lower Upper
56 100
69 35.5 26.7 40.1
84 98.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 55.700 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 97 Resp: 158303
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 40.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.431 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

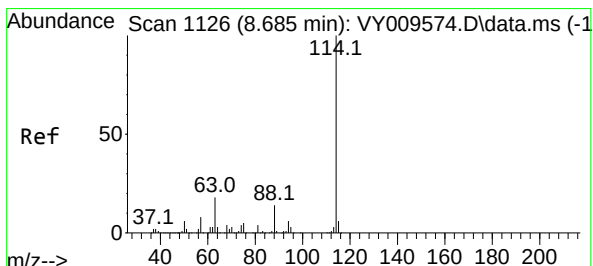
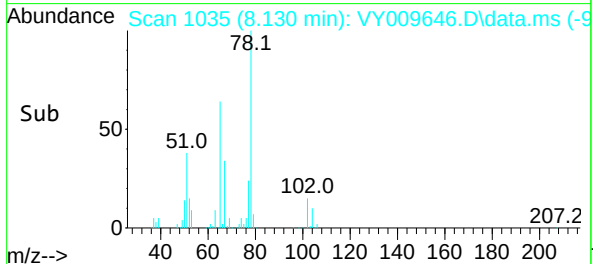
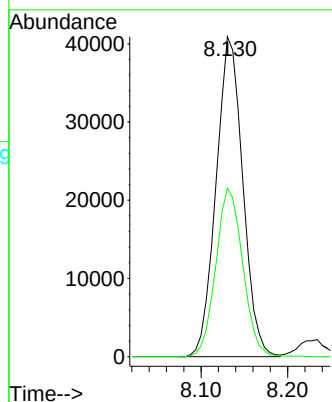
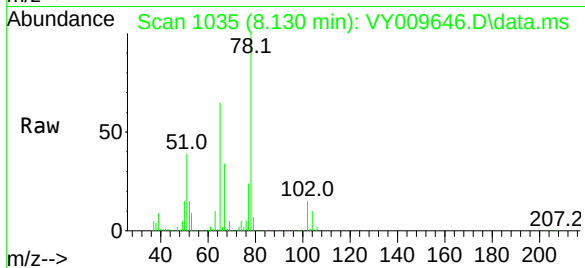
VSTDCCC050EC

Tgt Ion: 65 Resp: 87544

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

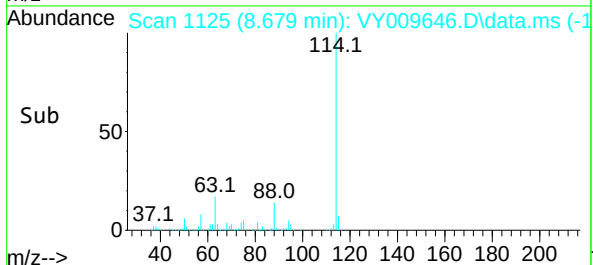
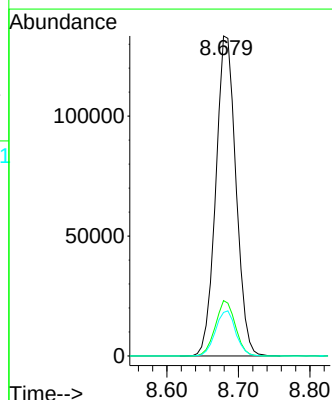
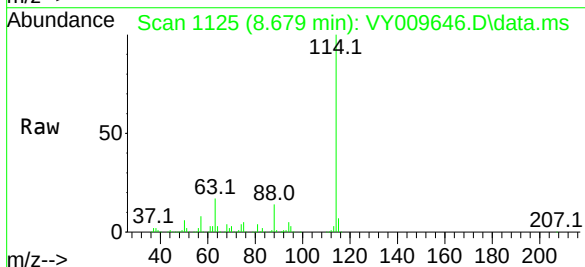
Tgt Ion: 114 Resp: 261122

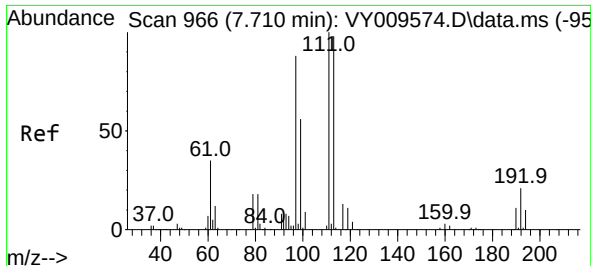
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.6 0.0 31.8

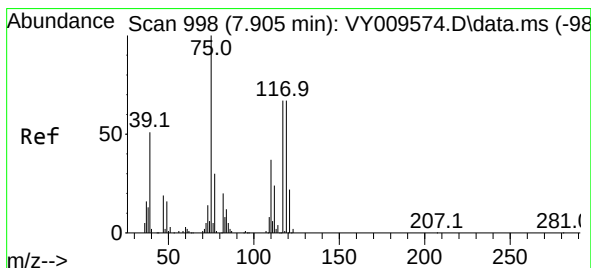
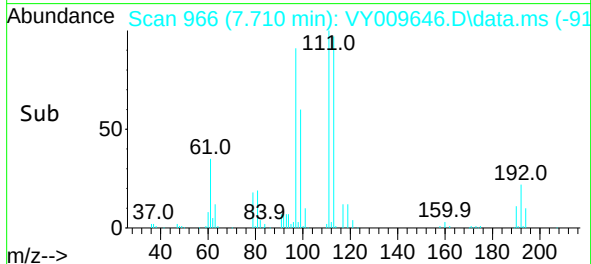
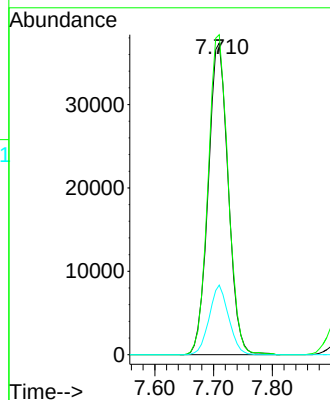
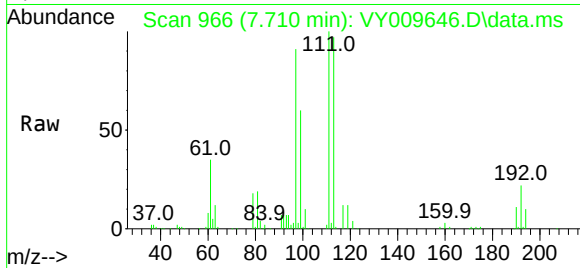




#35
Dibromofluoromethane
Concen: 53.708 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

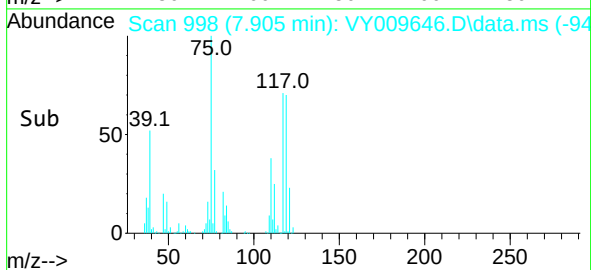
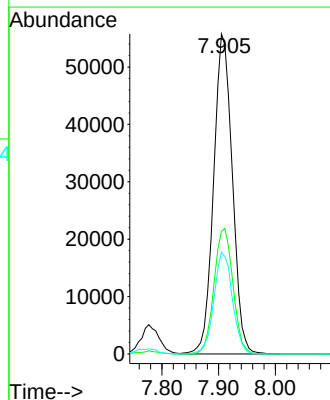
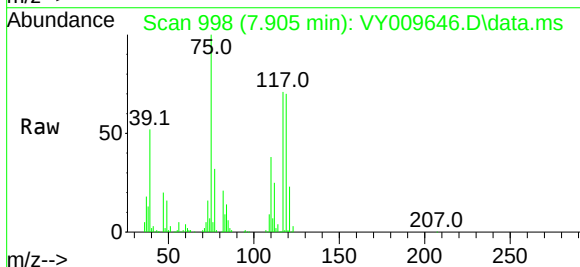
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

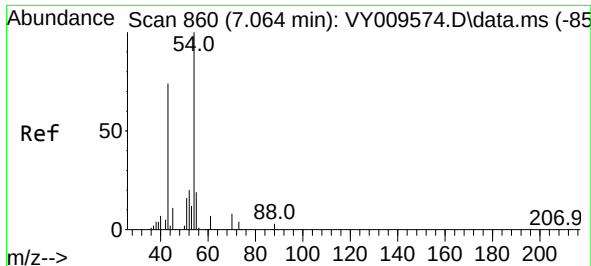
Tgt Ion:113 Resp: 88353
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.720 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 75 Resp: 128161
Ion Ratio Lower Upper
75 100
110 39.4 17.1 51.2
77 31.6 24.4 36.6

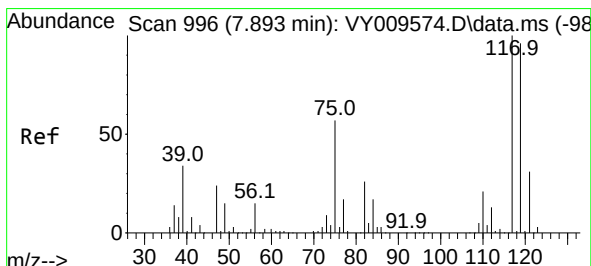
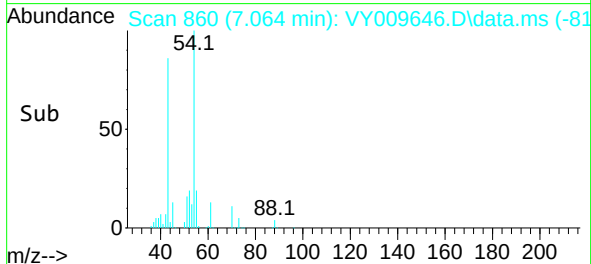
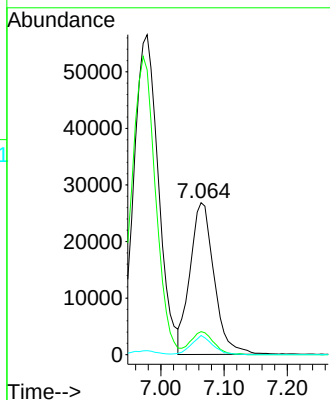
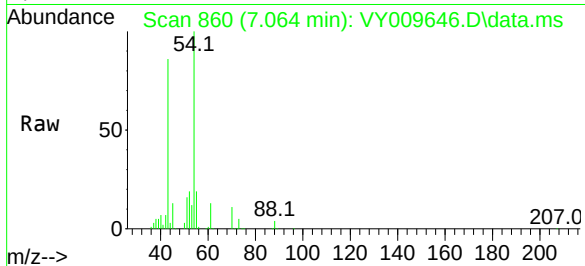




#37
Ethyl Acetate
Concen: 52.571 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

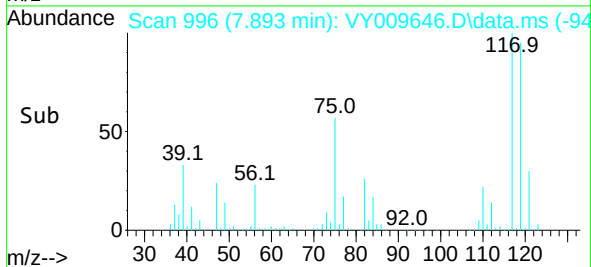
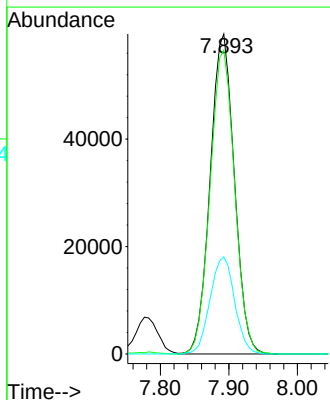
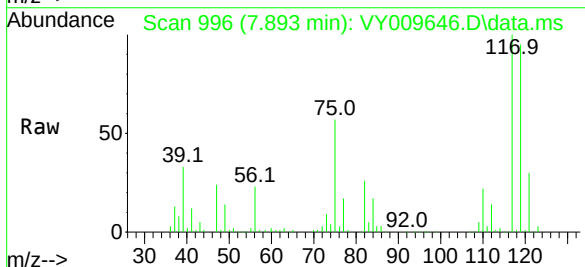
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

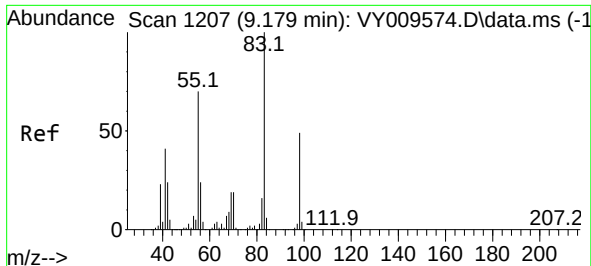
Tgt Ion: 43 Resp: 71127
Ion Ratio Lower Upper
43 100
61 14.4 9.7 14.5
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 57.293 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 117 Resp: 145796
Ion Ratio Lower Upper
117 100
119 94.9 77.9 116.9
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 52.667 ug/l

RT: 9.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

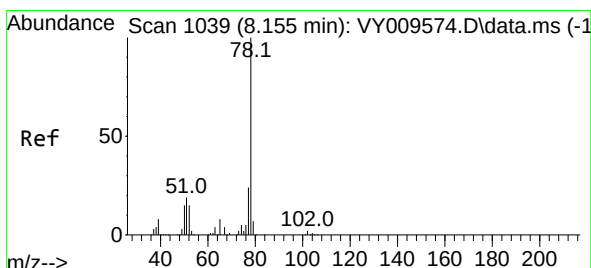
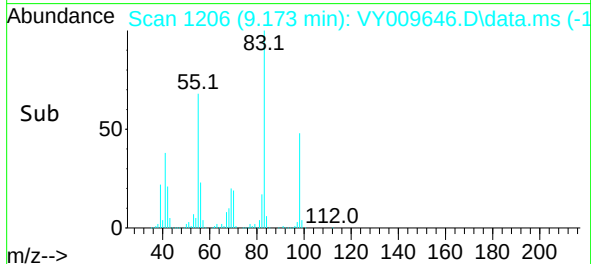
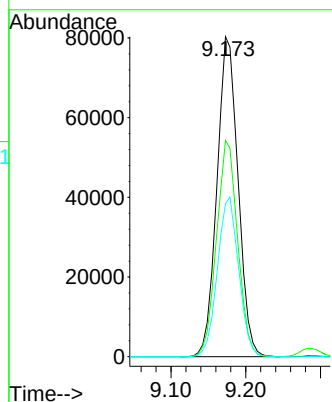
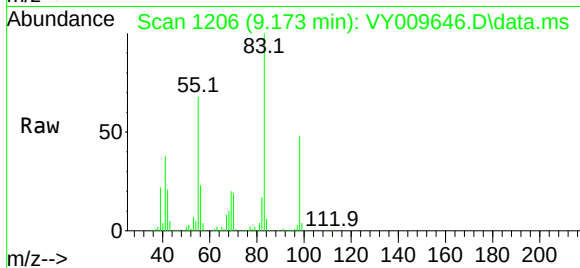
Tgt Ion: 83 Resp: 157867

Ion Ratio Lower Upper

83 100

55 67.5 66.5 99.7

98 47.8 37.9 56.9



#40

Benzene

Concen: 53.659 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009646.D

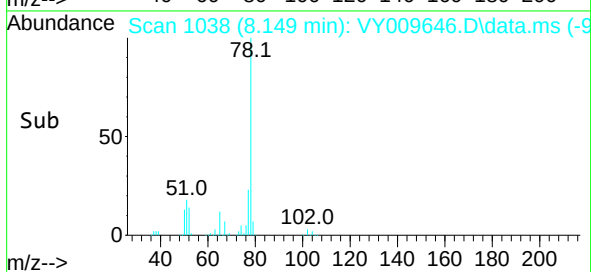
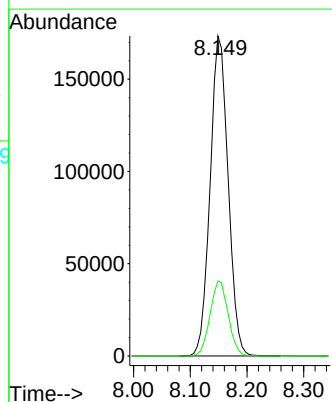
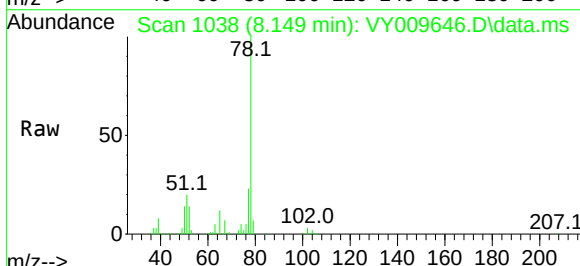
Acq: 21 Jul 2022 20:22

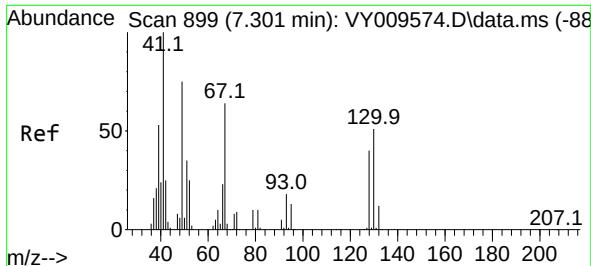
Tgt Ion: 78 Resp: 381687

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

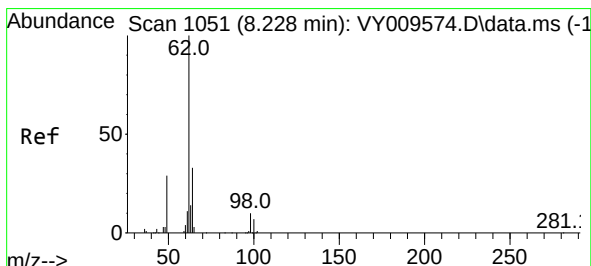
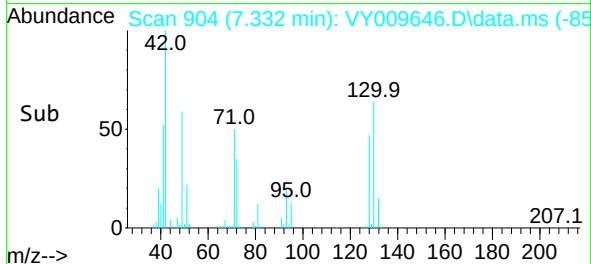
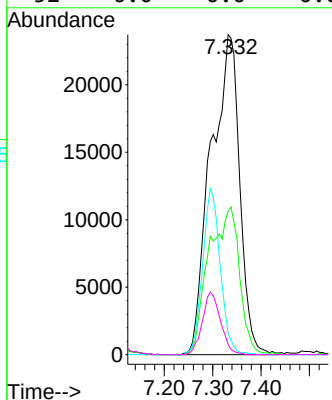
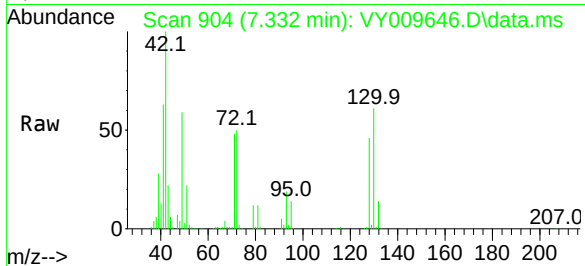




#41
Methacrylonitrile
Concen: 150.821 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

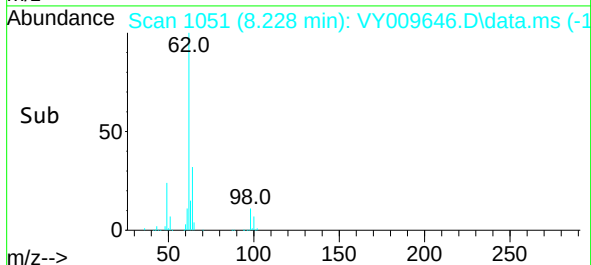
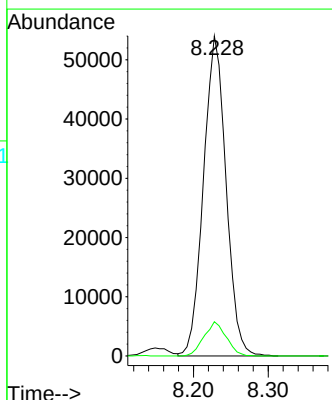
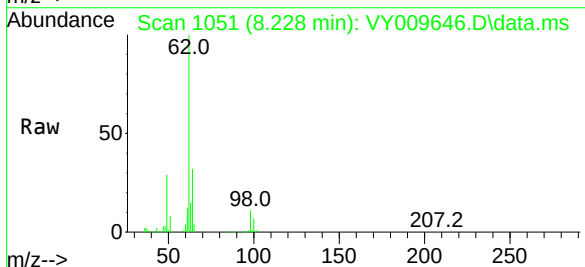
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

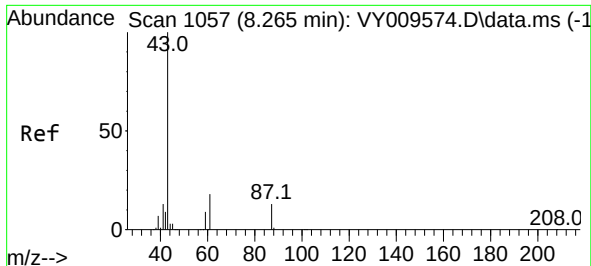
Tgt Ion: 41 Resp: 97917
Ion Ratio Lower Upper
41 100
39 49.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.799 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 62 Resp: 113338
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8

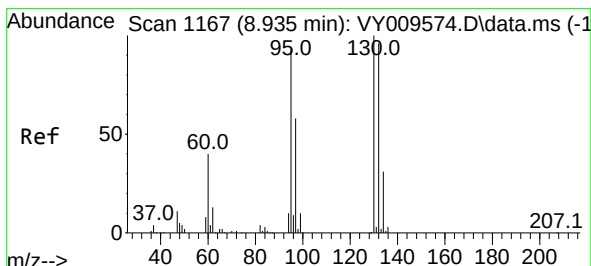
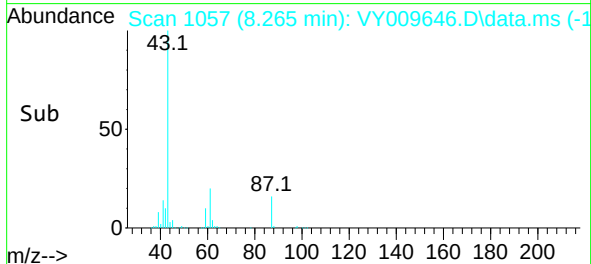
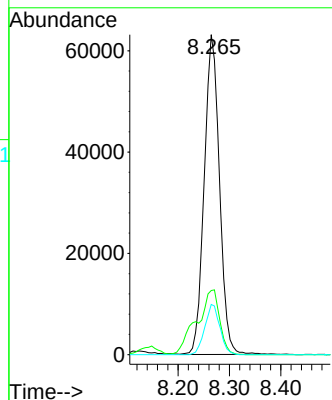
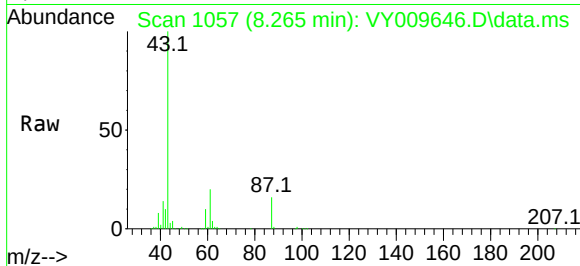




#43
Isopropyl Acetate
Concen: 52.483 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

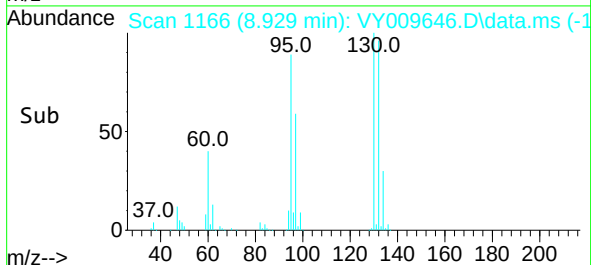
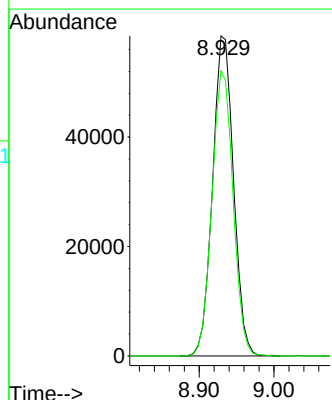
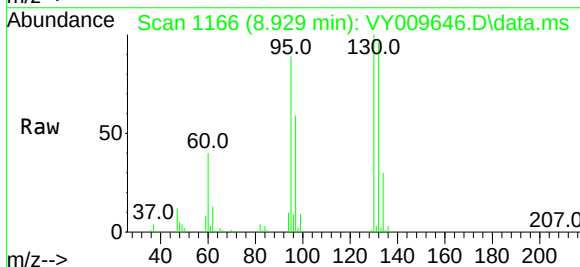
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

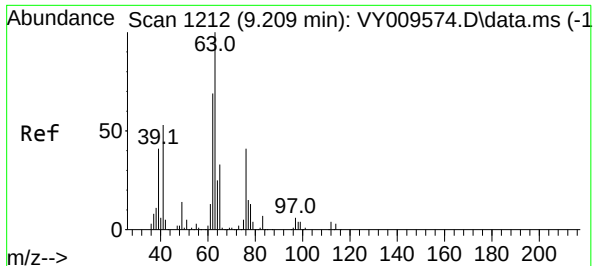
Tgt Ion: 43 Resp: 130114
Ion Ratio Lower Upper
43 100
61 30.5 20.2 30.2#
87 15.5 8.9 13.3#



#44
Trichloroethene
Concen: 56.359 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion:130 Resp: 114014
Ion Ratio Lower Upper
130 100
95 89.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.034 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

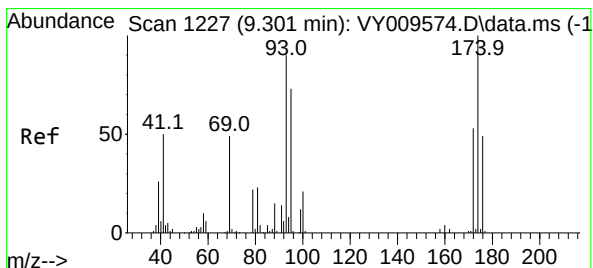
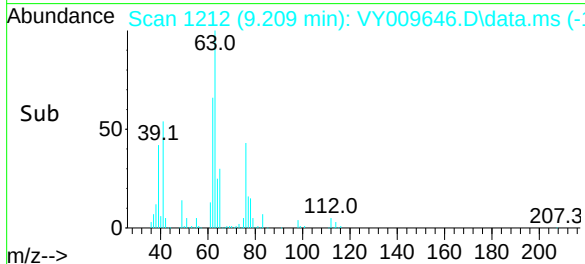
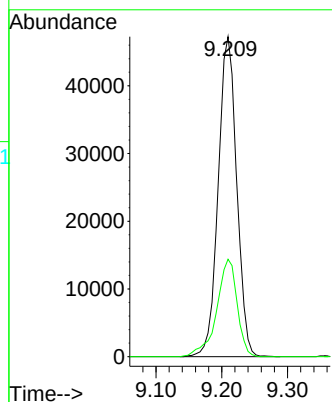
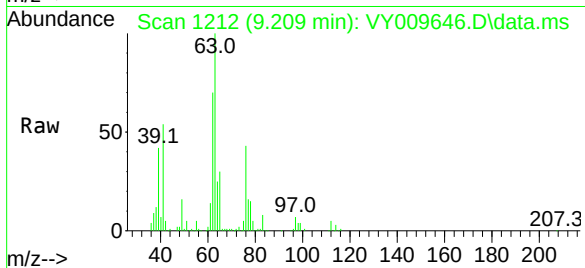
VSTDCCC050EC

Tgt Ion: 63 Resp: 92553

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 59.226 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

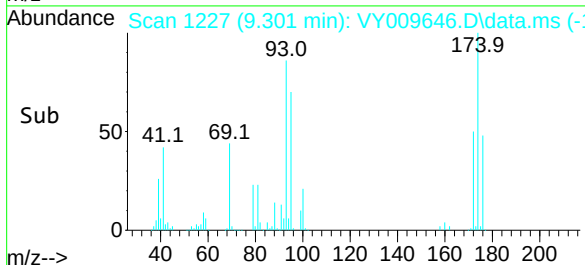
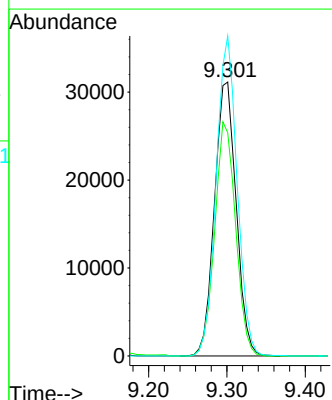
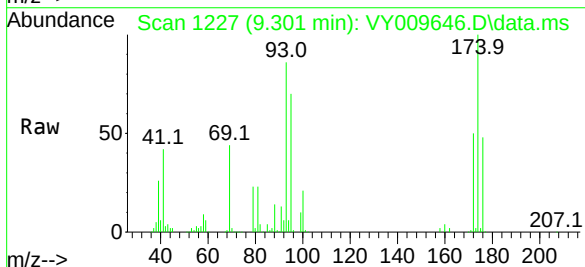
Tgt Ion: 93 Resp: 60030

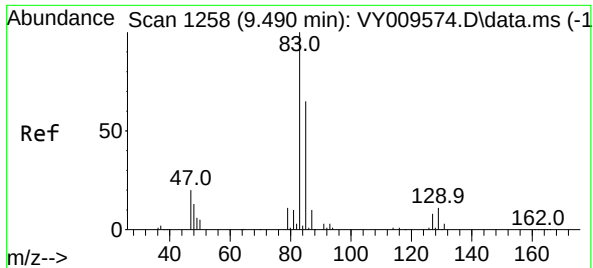
Ion Ratio Lower Upper

93 100

95 82.3 64.3 96.5

174 112.6 83.4 125.0

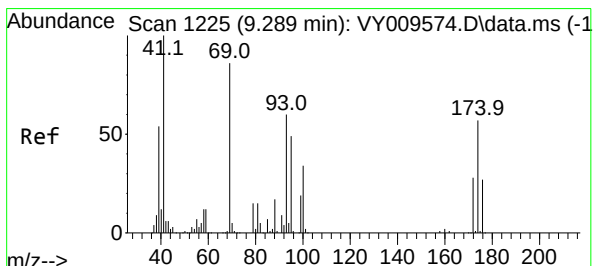
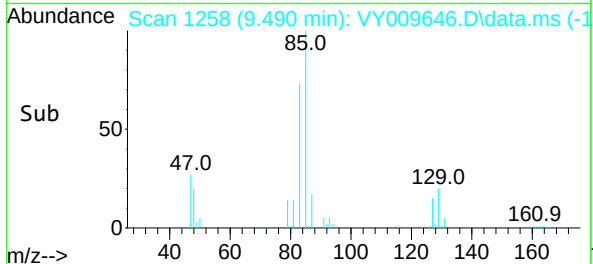
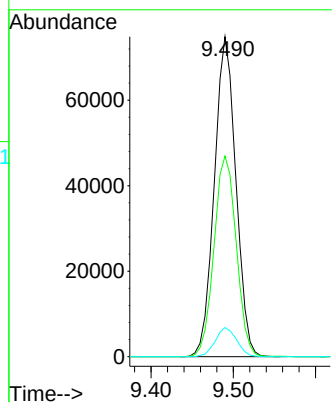
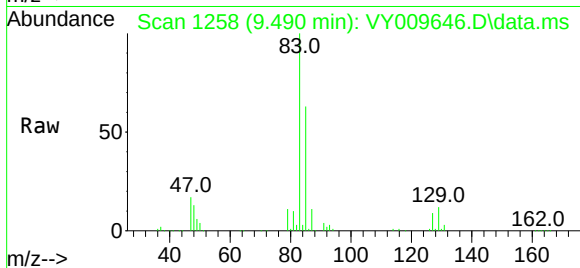




#47
Bromodichloromethane
Concen: 57.370 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

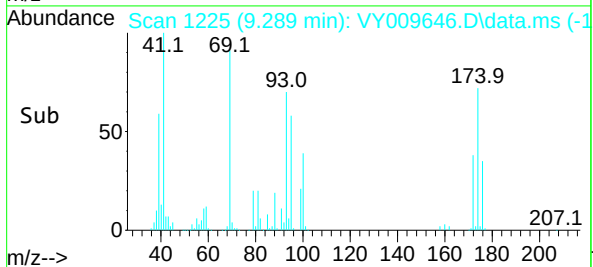
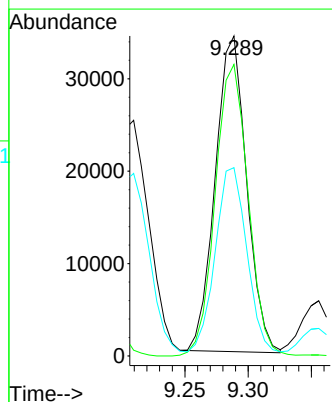
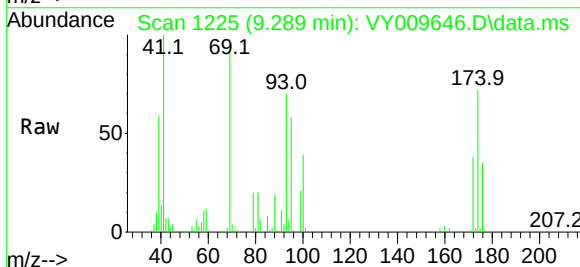
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

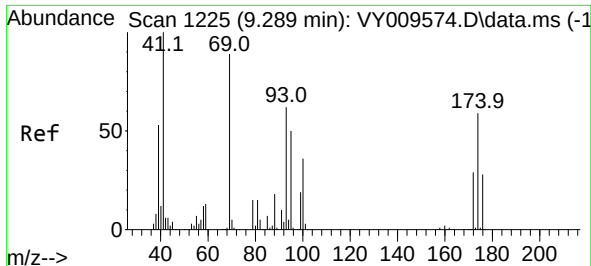
Tgt Ion: 83 Resp: 136350
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 53.757 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 41 Resp: 58882
Ion Ratio Lower Upper
41 100
69 96.9 58.2 87.2#
39 58.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1261.016 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

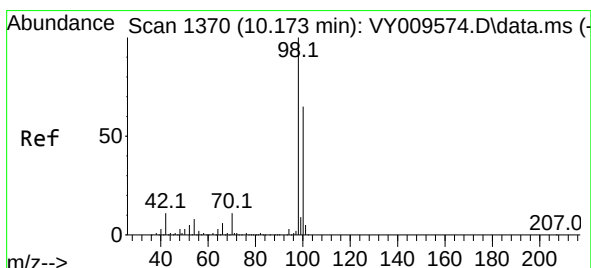
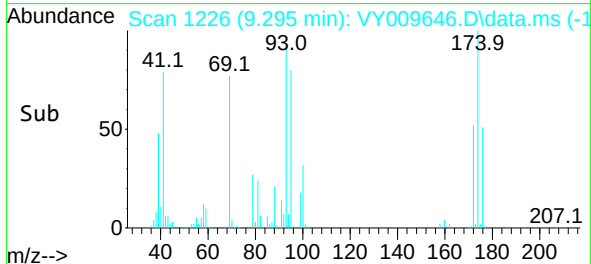
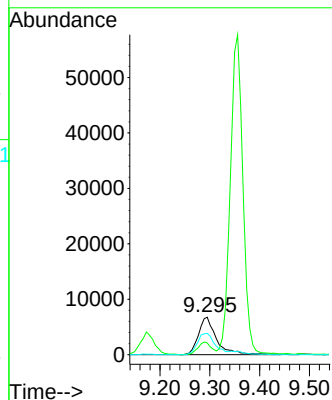
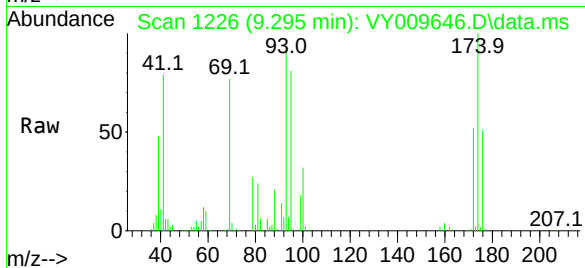
Tgt Ion: 88 Resp: 17037

Ion Ratio Lower Upper

88 100

43 25.6 32.8 49.2#

58 55.7 59.8 89.6#



#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009646.D

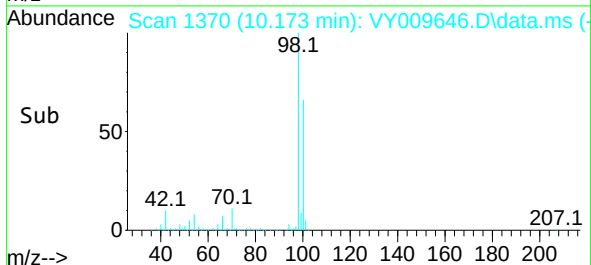
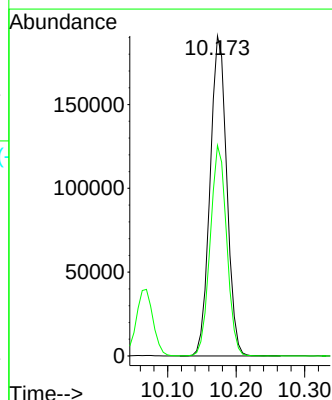
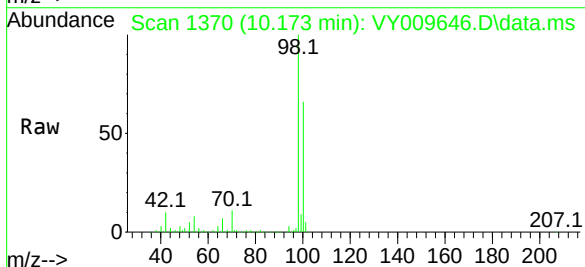
Acq: 21 Jul 2022 20:22

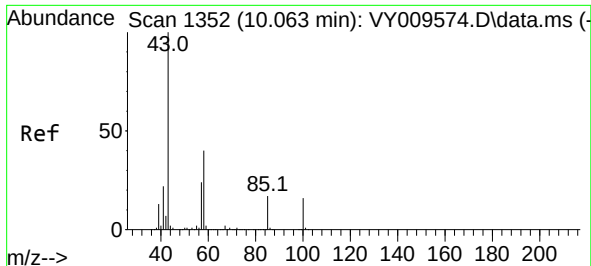
Tgt Ion: 98 Resp: 323952

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2

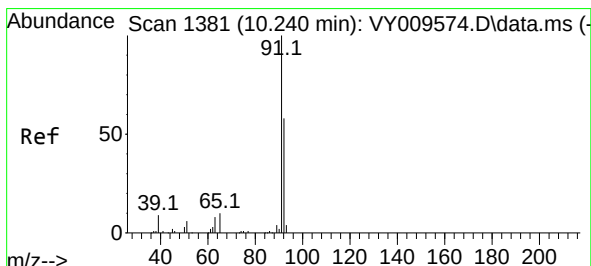
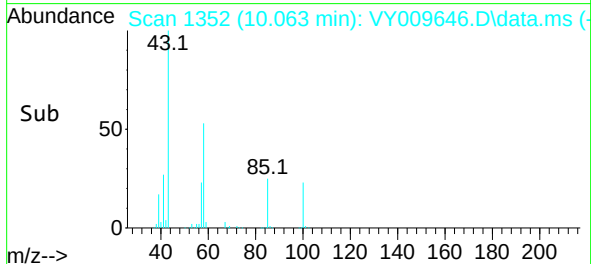
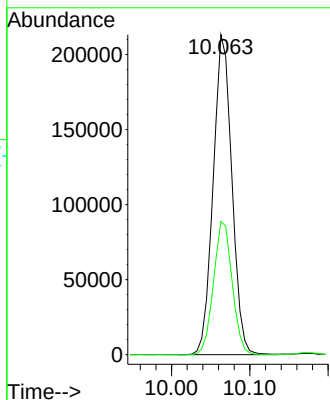
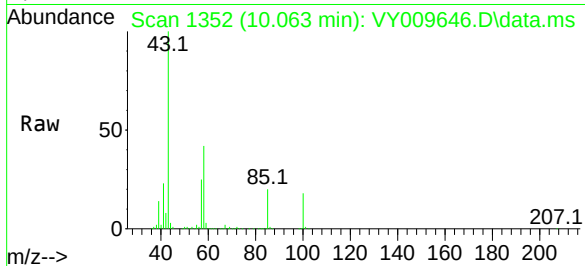




#51
4-Methyl-2-Pentanone
Concen: 275.039 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

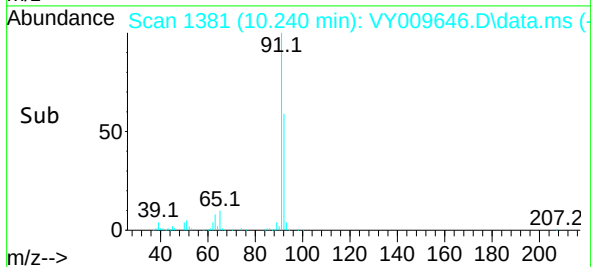
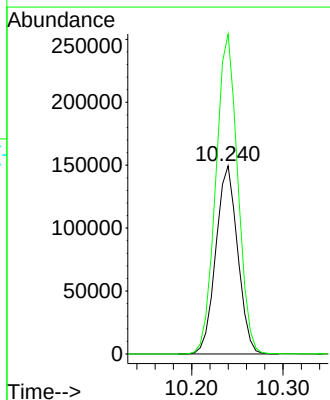
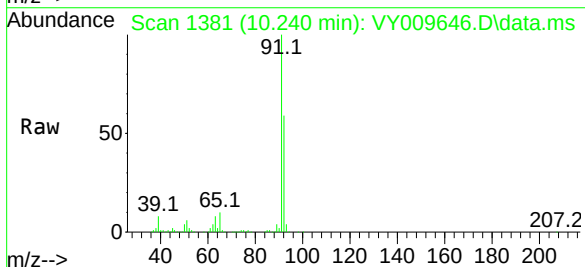
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

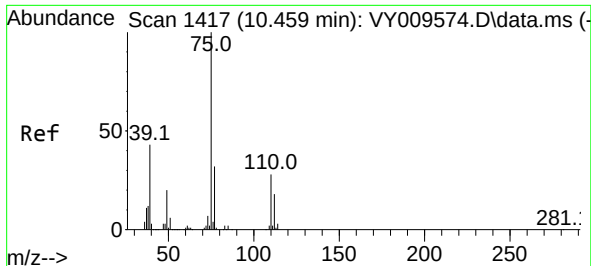
Tgt Ion: 43 Resp: 354039
Ion Ratio Lower Upper
43 100
58 41.6 28.1 42.1



#52
Toluene
Concen: 55.034 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 92 Resp: 247968
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8

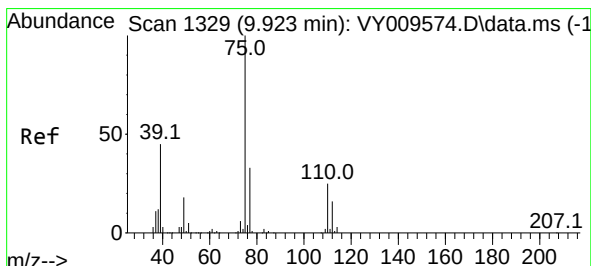
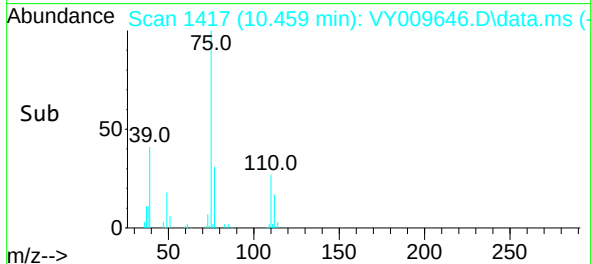
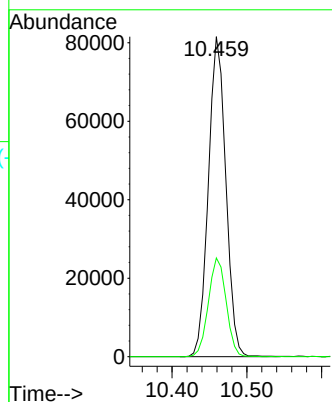
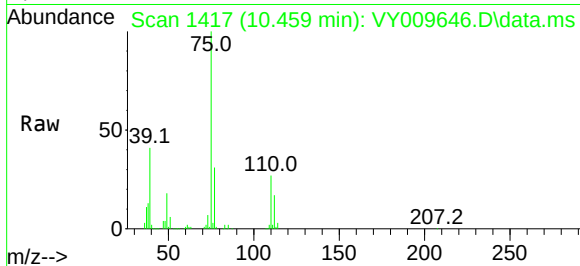




#53
t-1,3-Dichloropropene
Concen: 53.910 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

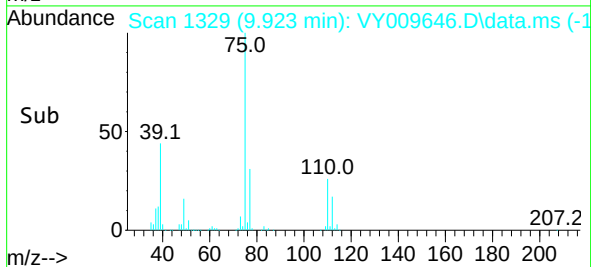
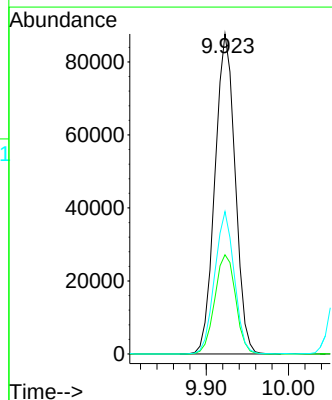
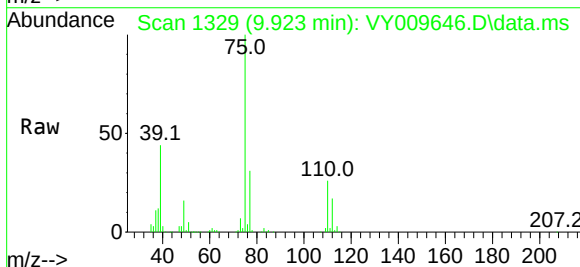
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

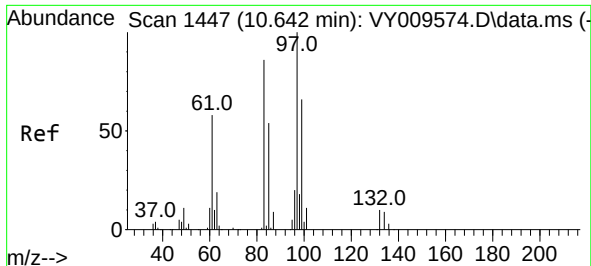
Tgt Ion: 75 Resp: 132337
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.620 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 75 Resp: 149661
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 44.5 47.6 71.4#

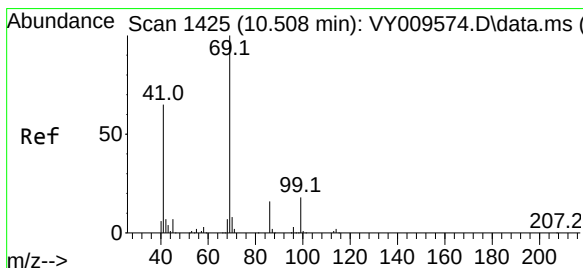
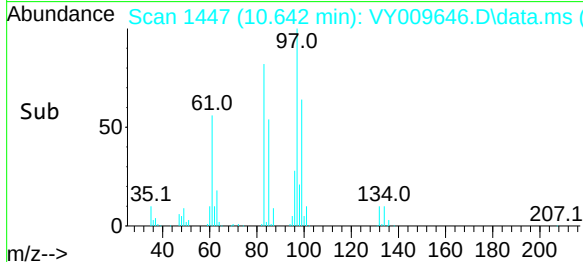
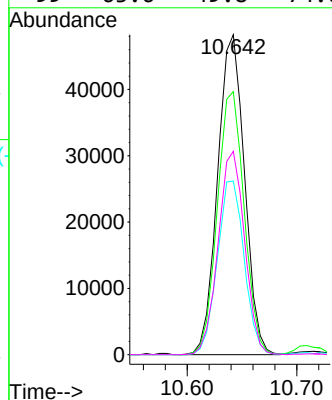
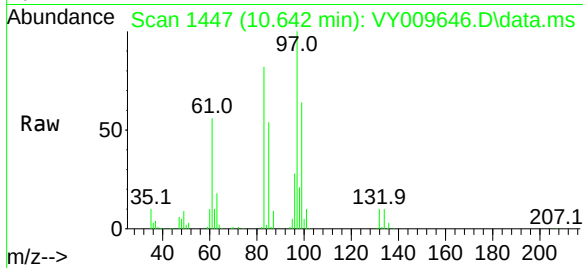




#55
1,1,2-Trichloroethane
Concen: 57.634 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

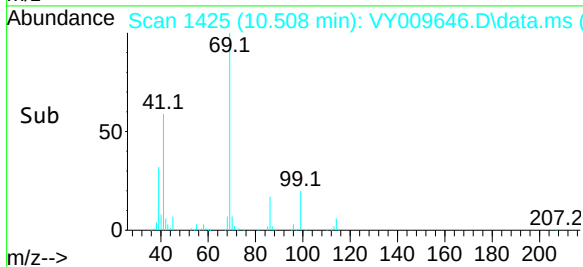
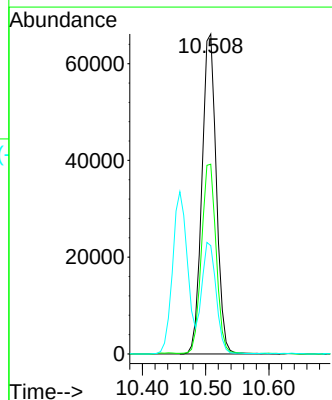
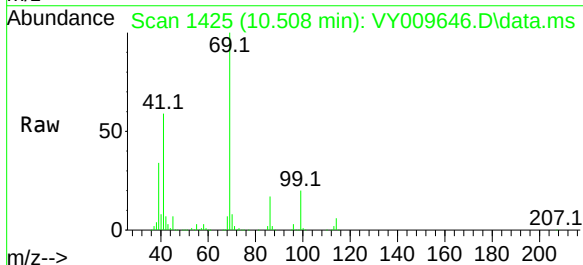
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

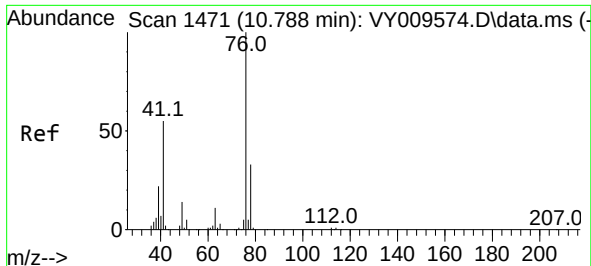
Tgt Ion:	97	Resp:	82271
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.8	104.8
85	54.2	44.3	66.5
99	63.6	49.8	74.6



#56
Ethyl methacrylate
Concen: 57.474 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion:	69	Resp:	104963
Ion	Ratio	Lower	Upper
69	100		
41	60.3	63.4	95.0#
39	34.5	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 55.762 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

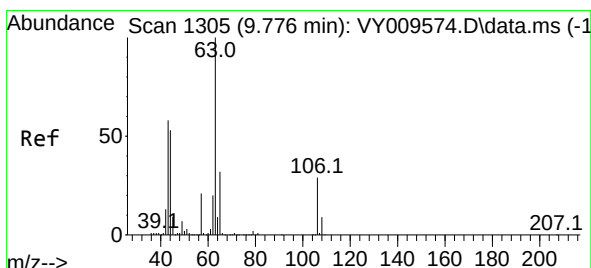
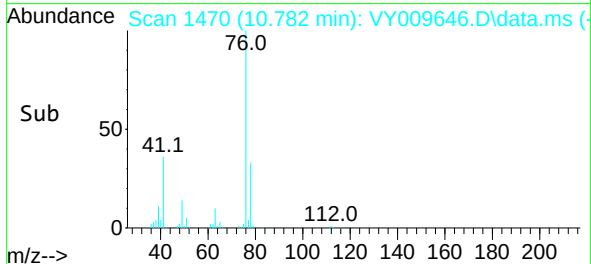
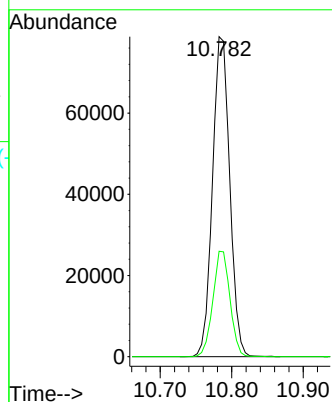
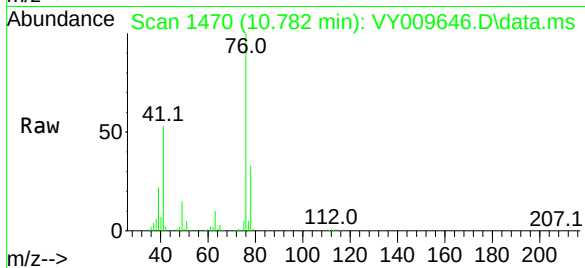
VSTDCCC050EC

Tgt Ion: 76 Resp: 132091

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.066 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009646.D

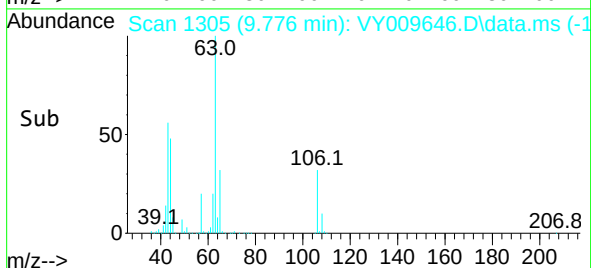
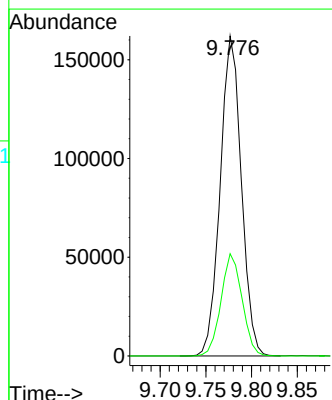
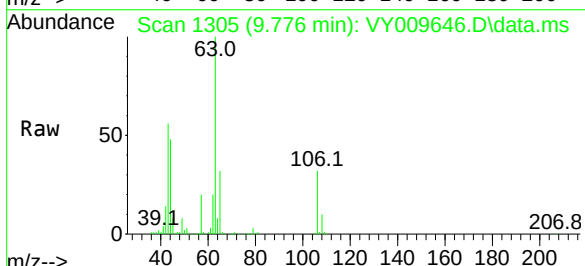
Acq: 21 Jul 2022 20:22

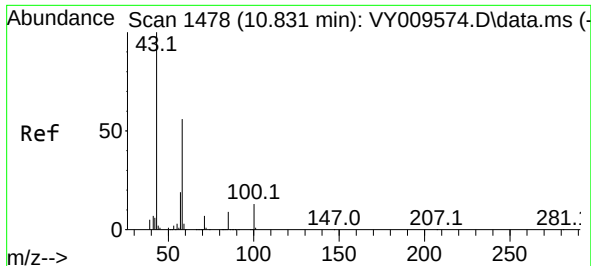
Tgt Ion: 63 Resp: 261044

Ion Ratio Lower Upper

63 100

106 31.9 21.5 32.3





#59

2-Hexanone

Concen: 267.165 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

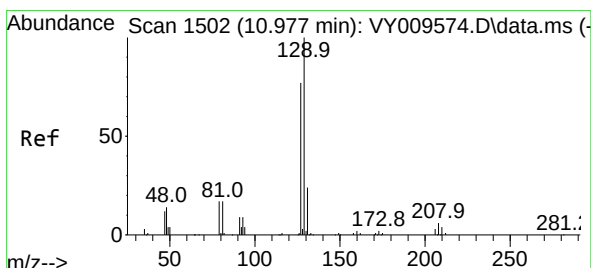
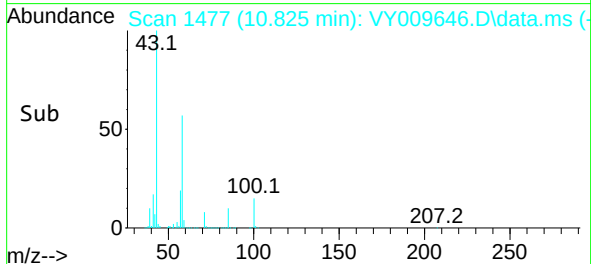
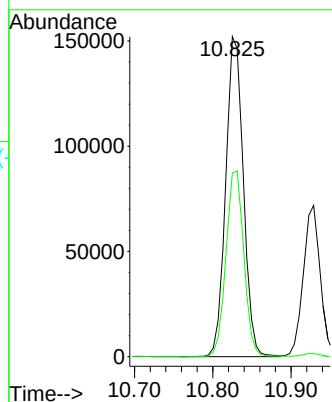
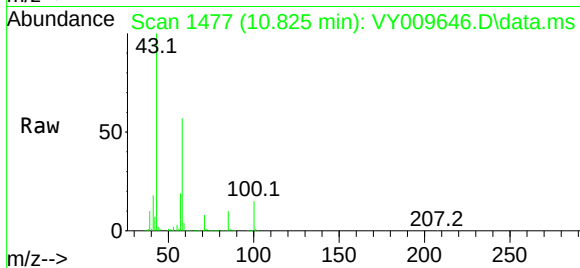
VSTDCCC050EC

Tgt Ion: 43 Resp: 239192

Ion Ratio Lower Upper

43 100

58 58.7 24.4 73.4



#60

Dibromochloromethane

Concen: 59.726 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.000 min

Lab File: VY009646.D

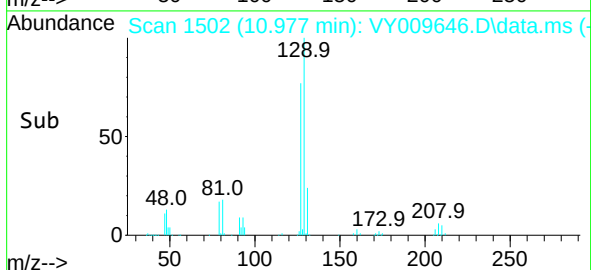
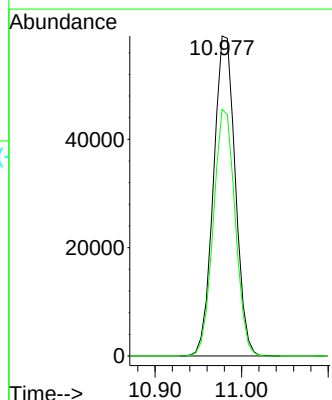
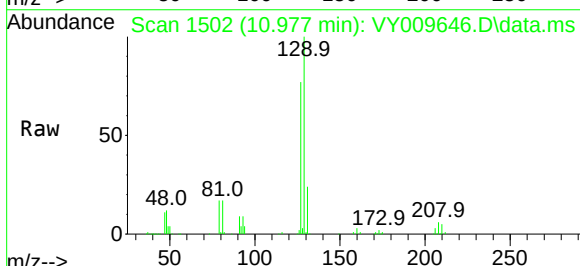
Acq: 21 Jul 2022 20:22

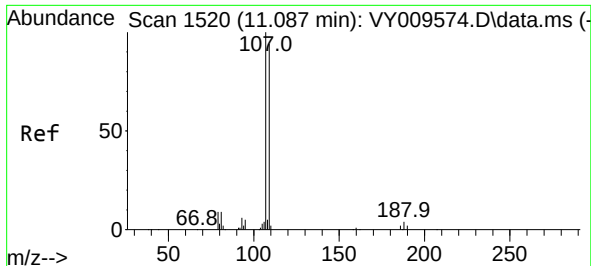
Tgt Ion: 129 Resp: 103166

Ion Ratio Lower Upper

129 100

127 77.3 38.7 116.1

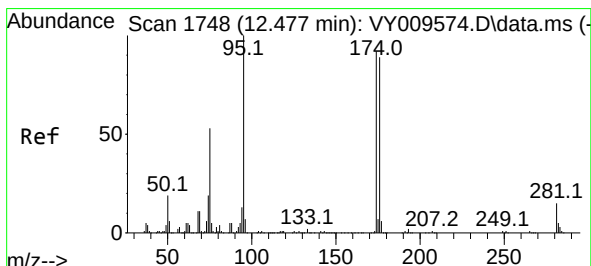
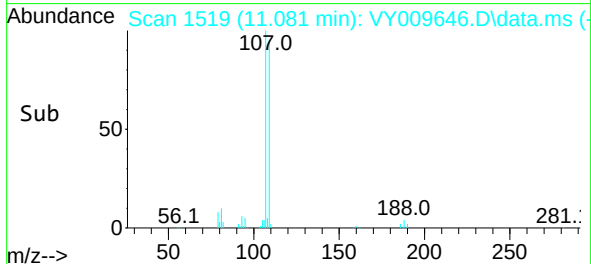
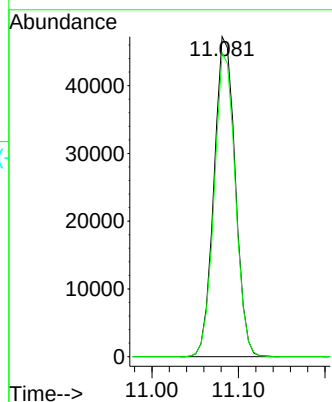
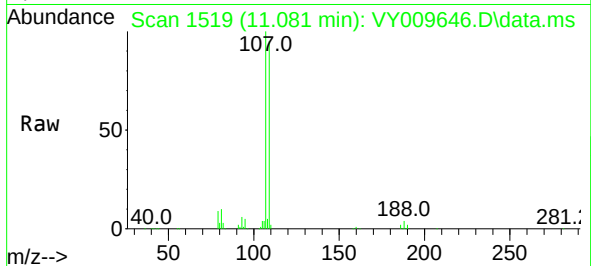




#61
1,2-Dibromoethane
Concen: 57.693 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

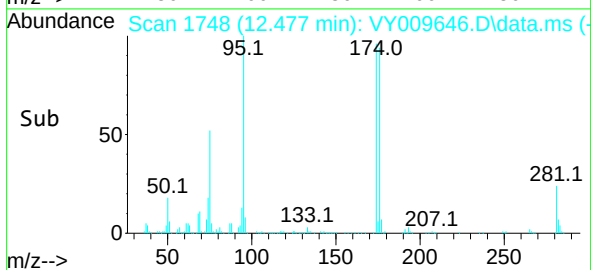
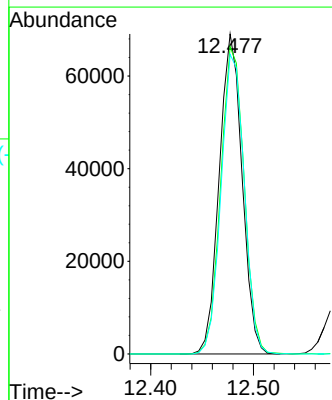
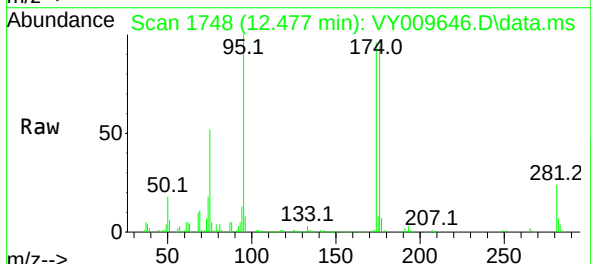
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

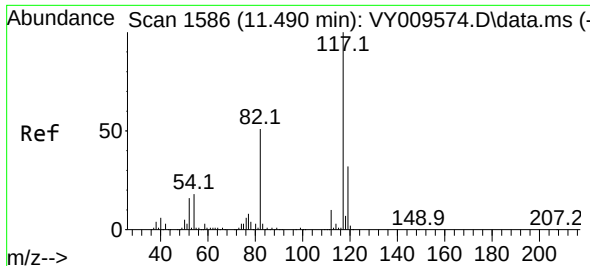
Tgt Ion:107 Resp: 80350
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.953 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 95 Resp: 106461
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 95.0 0.0 175.8

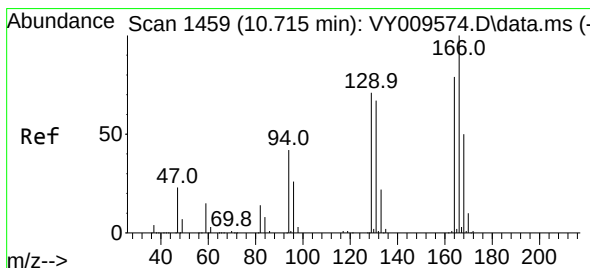
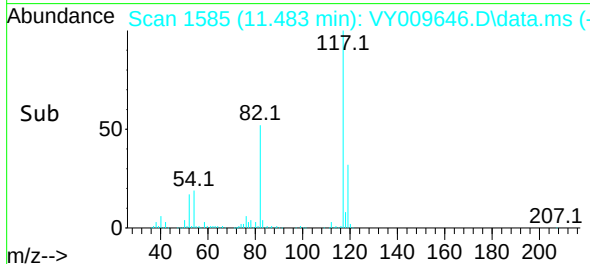
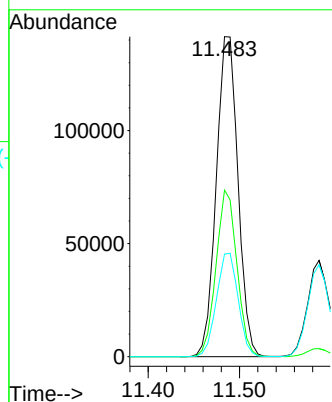
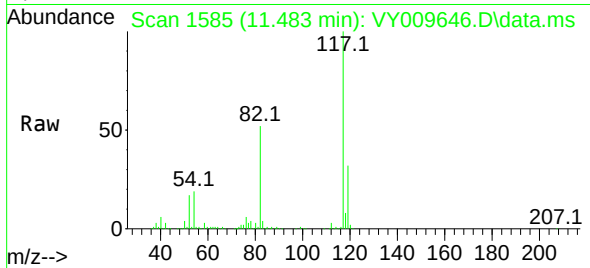




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

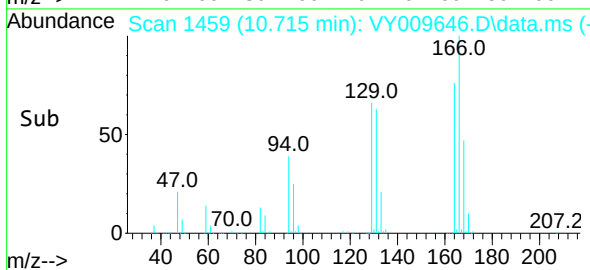
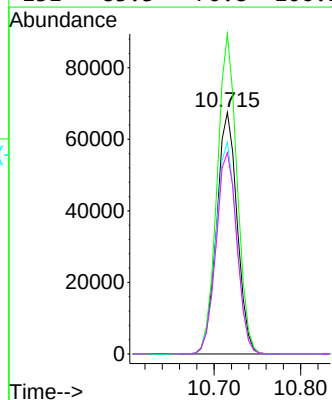
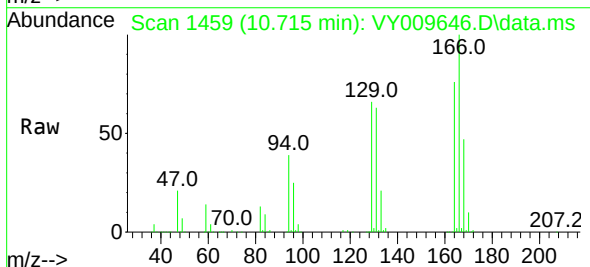
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

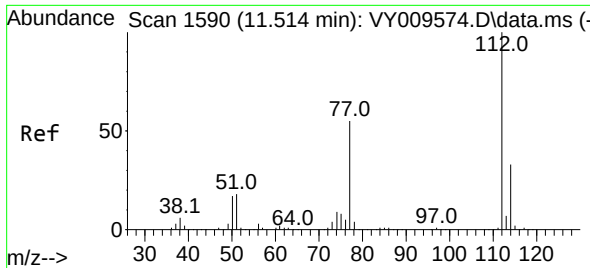
Tgt Ion:117 Resp: 233893
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 60.538 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion:164 Resp: 110814
Ion Ratio Lower Upper
164 100
166 132.4 100.4 150.6
129 87.5 71.4 107.0
131 83.3 70.8 106.2

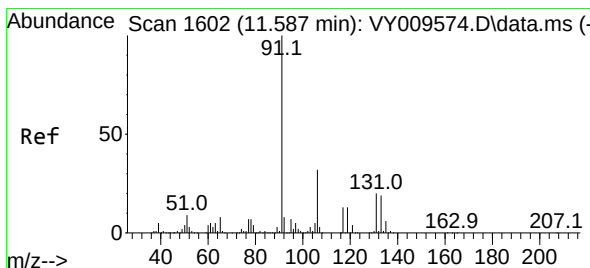
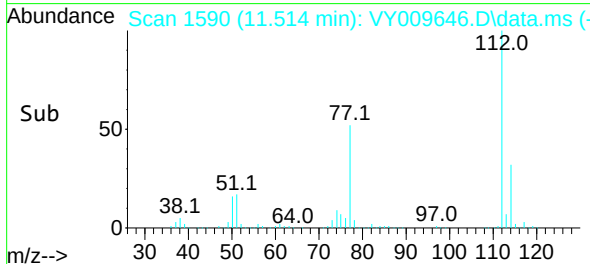
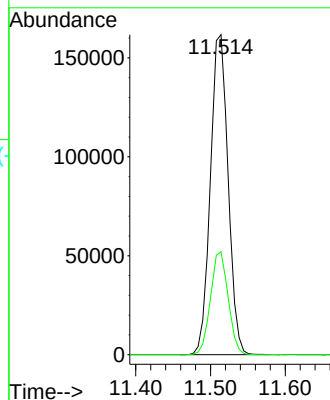
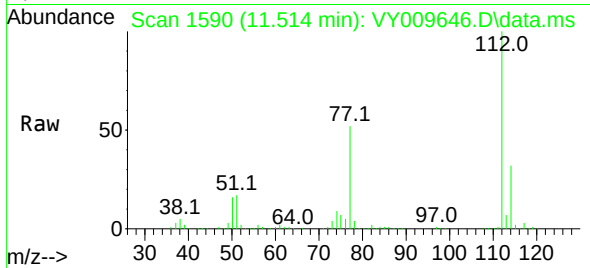




#65
Chlorobenzene
Concen: 55.734 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

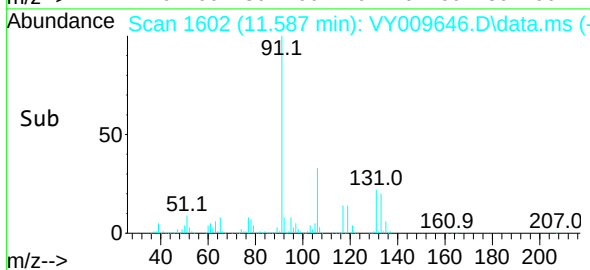
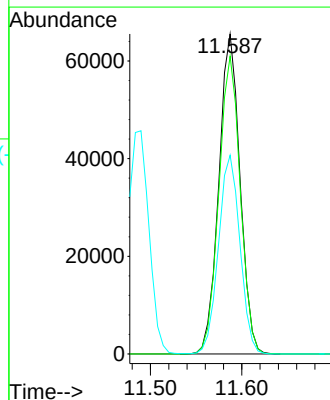
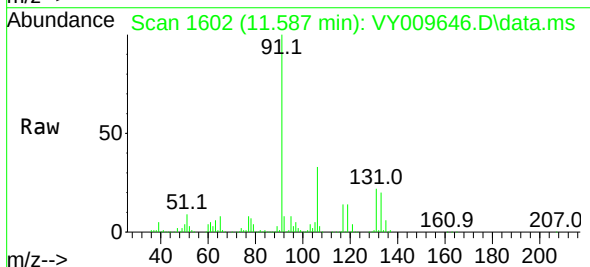
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

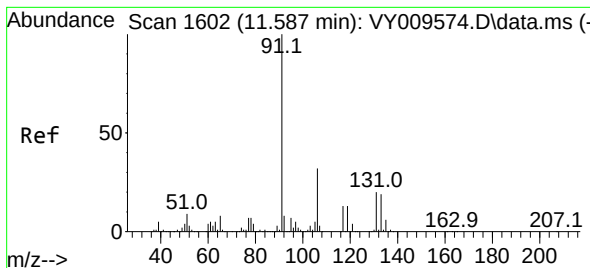
Tgt Ion:112 Resp: 266379
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 59.458 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion:131 Resp: 105584
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 63.0 30.8 92.3





#67

Ethyl Benzene

Concen: 54.617 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

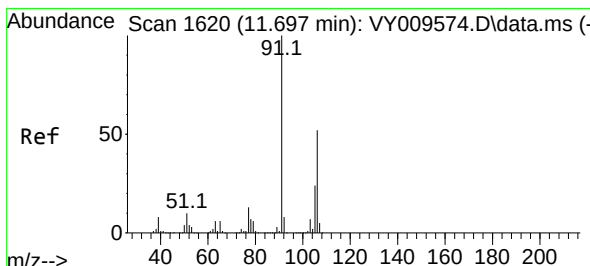
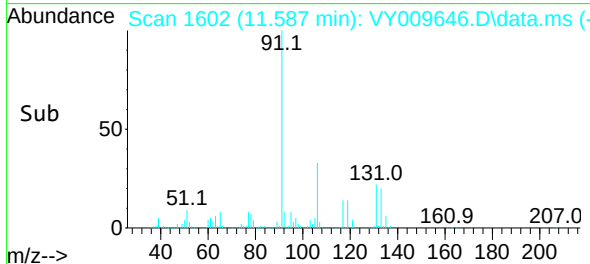
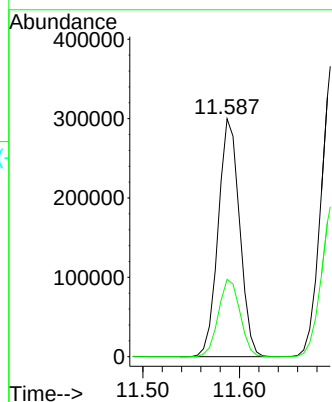
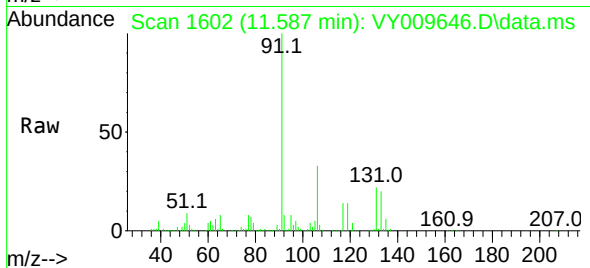
VSTDCCC050EC

Tgt Ion: 91 Resp: 459123

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 111.815 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009646.D

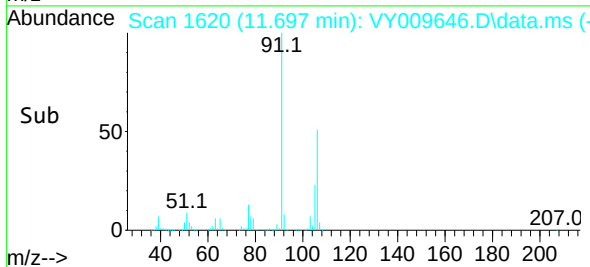
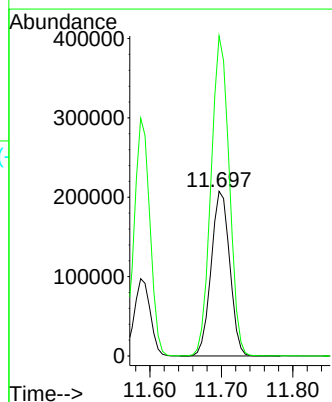
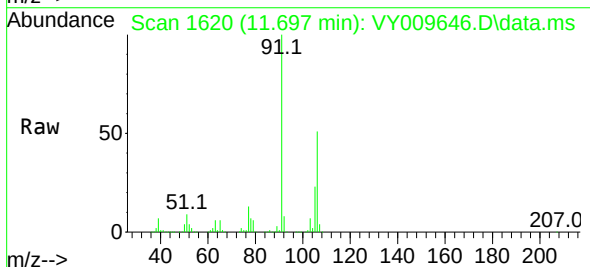
Acq: 21 Jul 2022 20:22

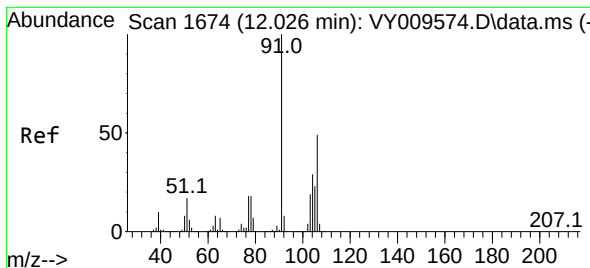
Tgt Ion:106 Resp: 374077

Ion Ratio Lower Upper

106 100

91 191.2 166.6 249.8

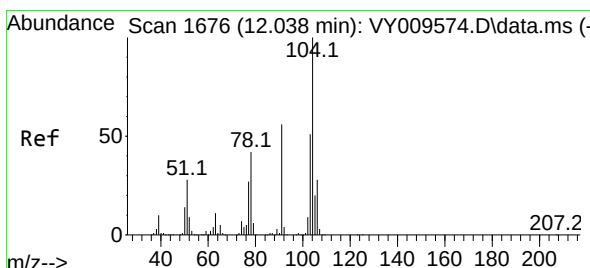
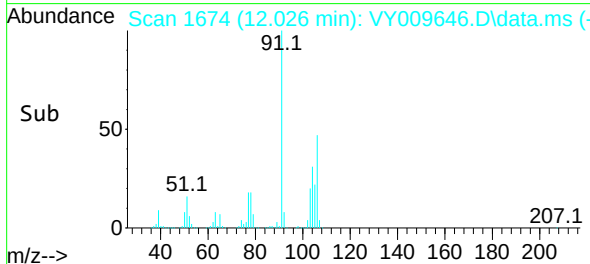
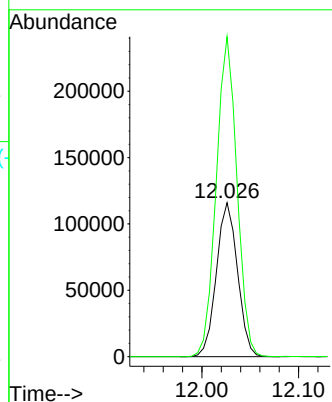
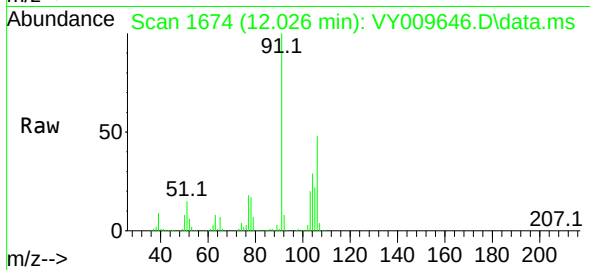




#69
o-Xylene
Concen: 56.116 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

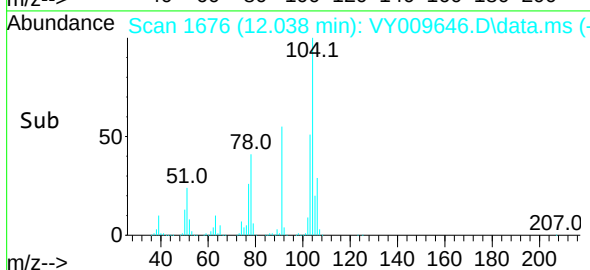
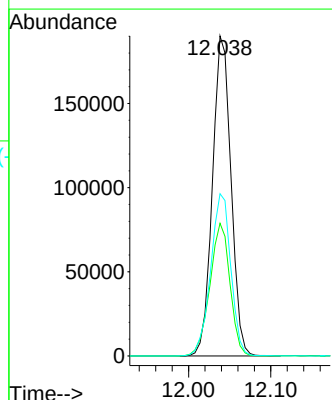
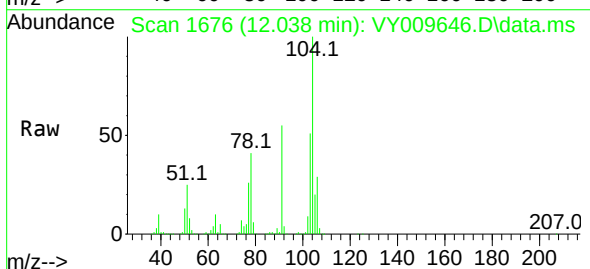
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

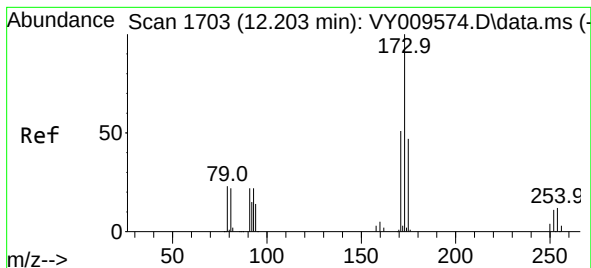
Tgt Ion:106 Resp: 175687
Ion Ratio Lower Upper
106 100
91 203.6 110.3 331.0



#70
Styrene
Concen: 57.248 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion:104 Resp: 298105
Ion Ratio Lower Upper
104 100
78 44.9 42.4 63.6
103 55.2 44.4 66.6





#71

Bromoform

Concen: 62.835 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

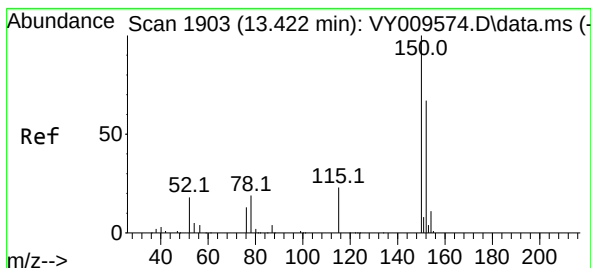
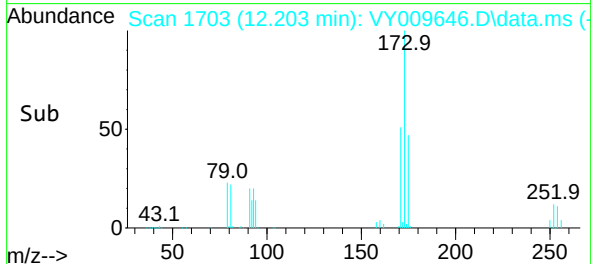
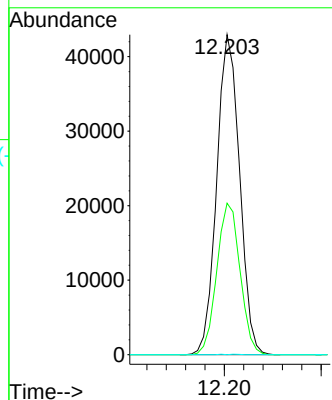
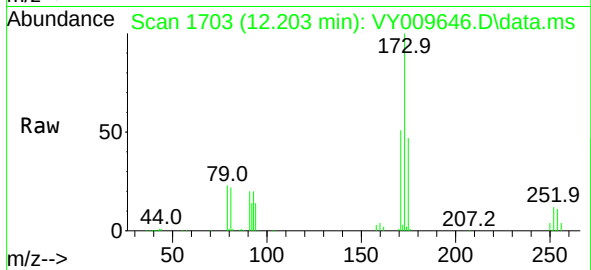
Tgt Ion:173 Resp: 70415

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

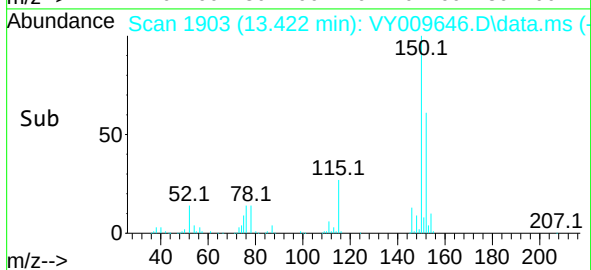
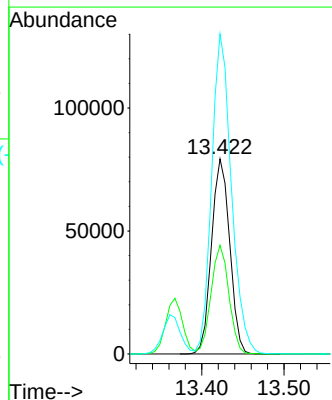
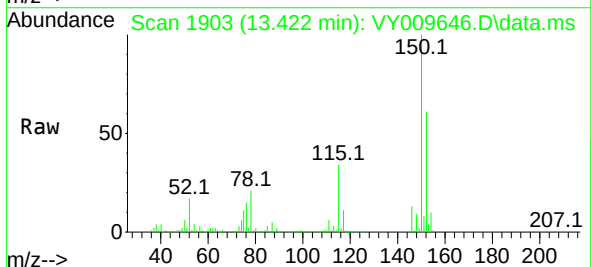
Tgt Ion:152 Resp: 122333

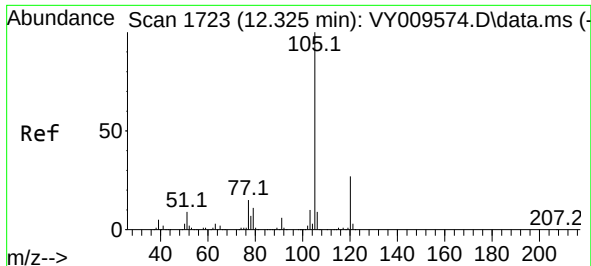
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 177.7 0.0 347.6

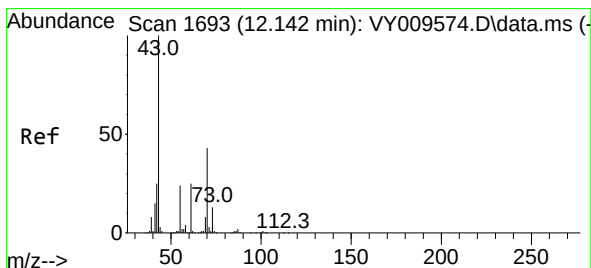
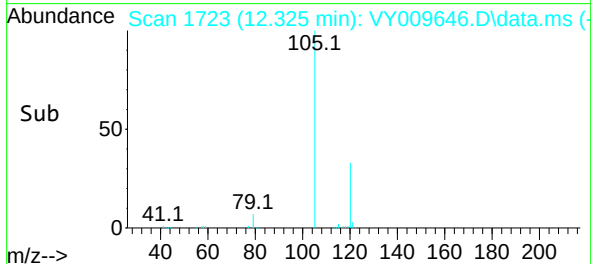
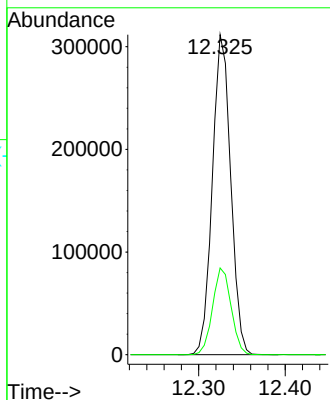
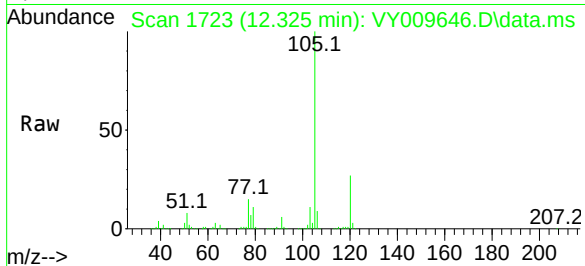




#73
Isopropylbenzene
Concen: 54.144 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

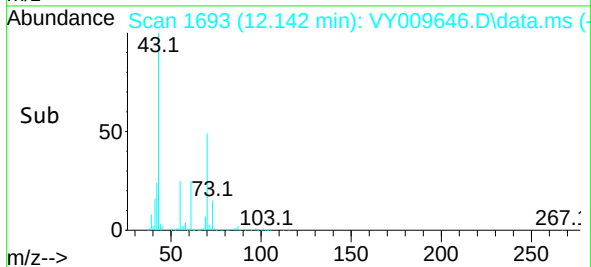
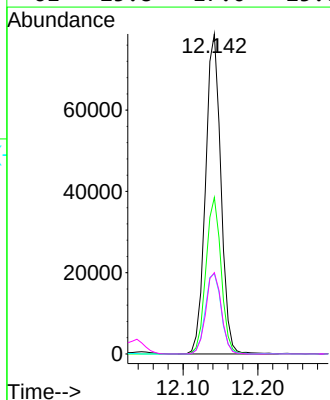
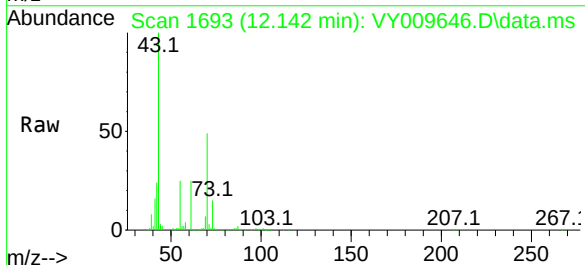
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

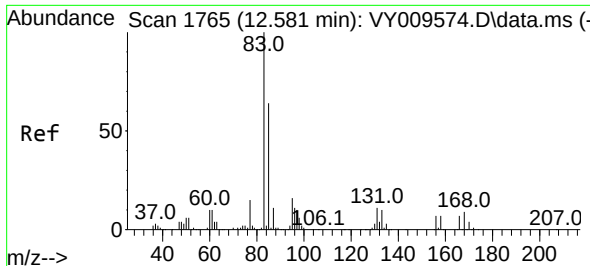
Tgt Ion:105 Resp: 458599
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 49.804 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 43 Resp: 112189
Ion Ratio Lower Upper
43 100
70 48.4 28.7 43.1#
55 26.2 17.3 25.9#
61 25.8 17.0 25.6#

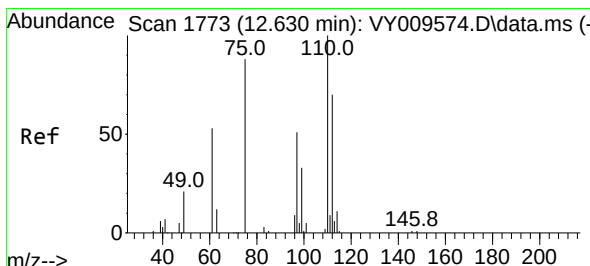
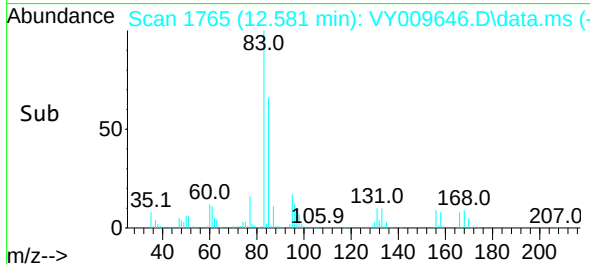
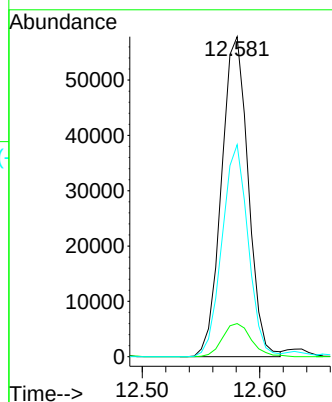
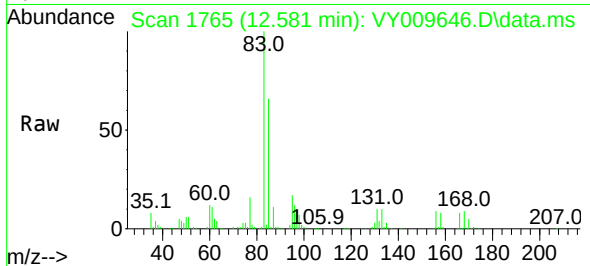




#75
1,1,2,2-Tetrachloroethane
Concen: 53.830 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

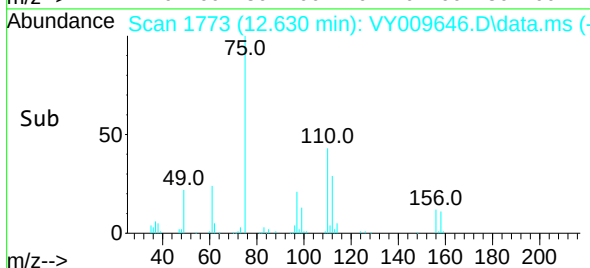
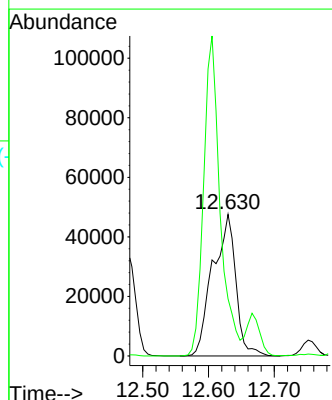
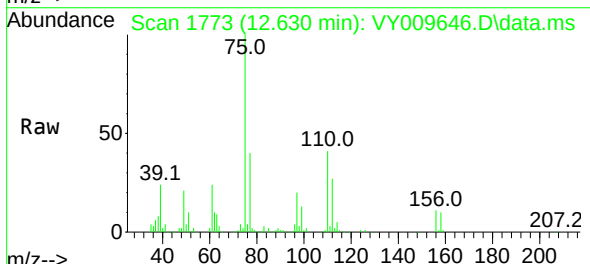
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

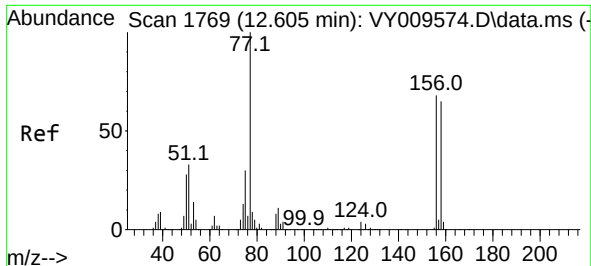
Tgt Ion: 83 Resp: 91310
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 99.717 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 75 Resp: 116206
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

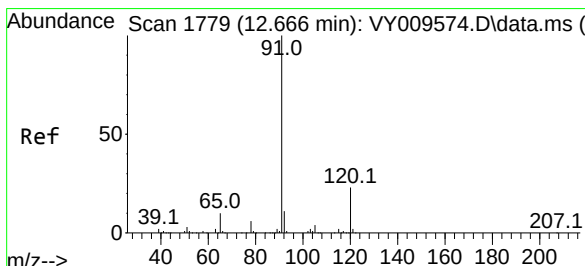
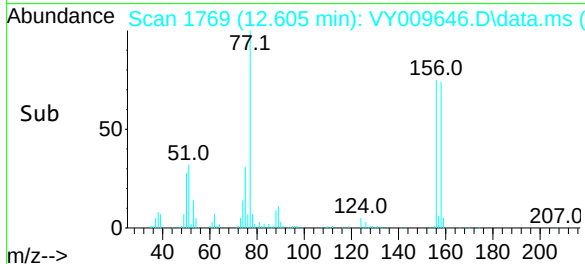
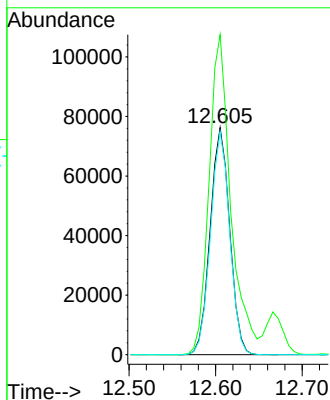
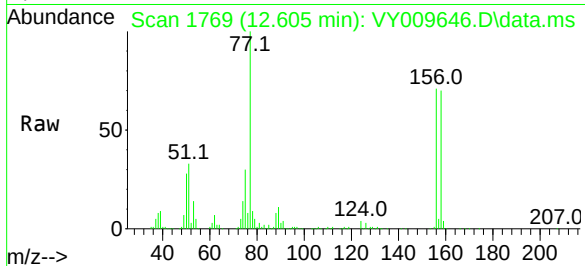




#77
Bromobenzene
Concen: 56.152 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

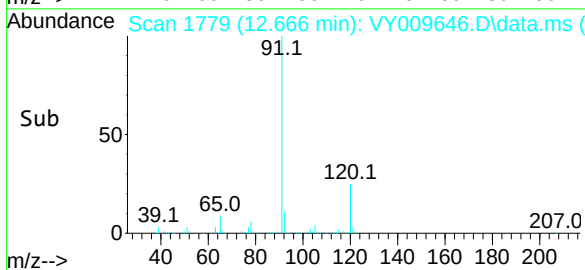
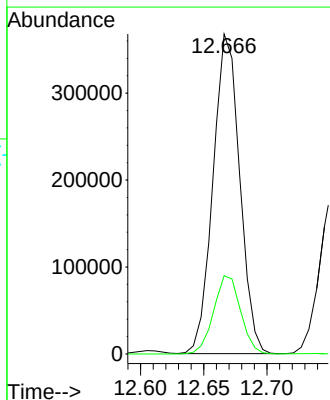
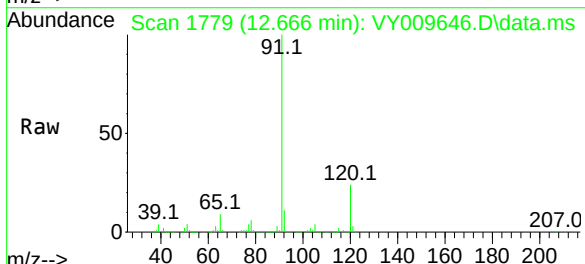
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

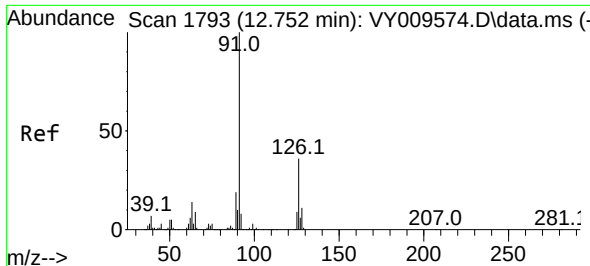
Tgt Ion:156 Resp: 119598
Ion Ratio Lower Upper
156 100
77 156.6 95.5 286.4
158 96.4 48.0 144.0



#78
n-propylbenzene
Concen: 52.688 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 91 Resp: 539246
Ion Ratio Lower Upper
91 100
120 24.7 11.3 33.9

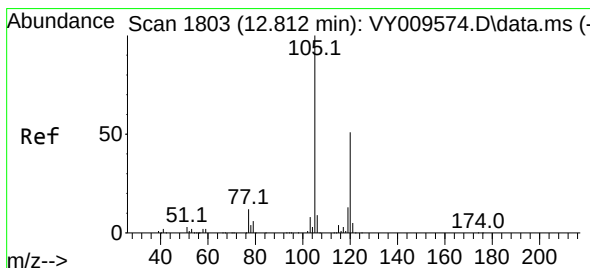
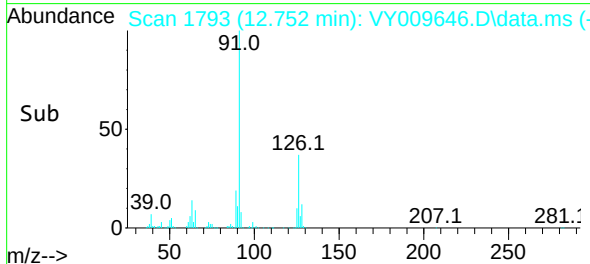
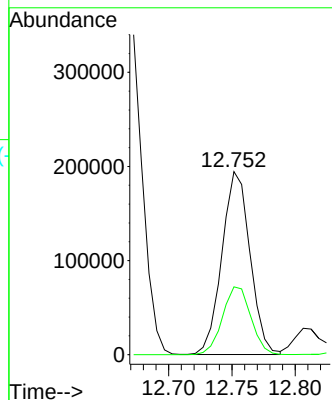
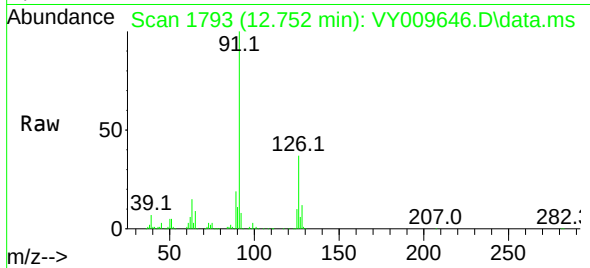




#79
2-Chlorotoluene
Concen: 52.989 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

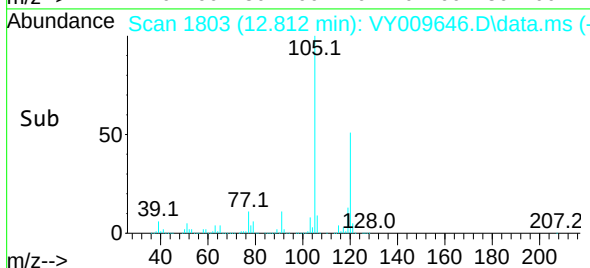
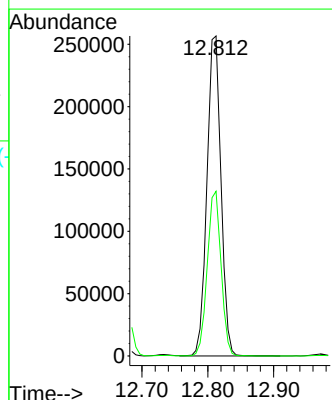
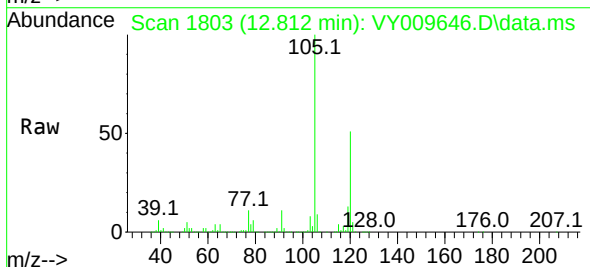
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

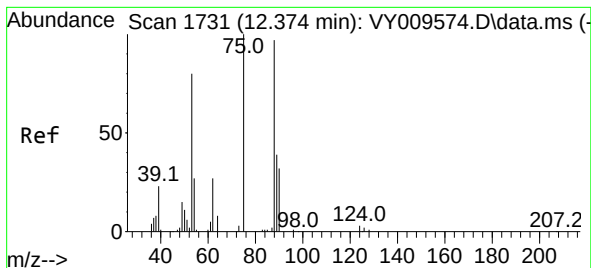
Tgt Ion: 91 Resp: 300684
Ion Ratio Lower Upper
91 100
126 37.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.427 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009646.D
Acq: 21 Jul 2022 20:22

Tgt Ion: 105 Resp: 380926
Ion Ratio Lower Upper
105 100
120 50.7 24.4 73.4

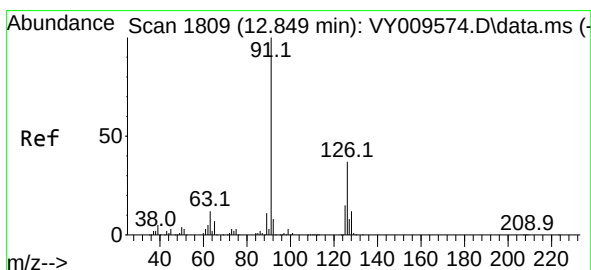
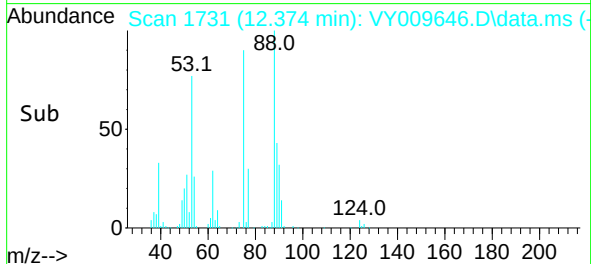
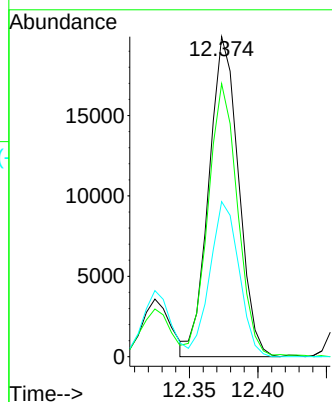
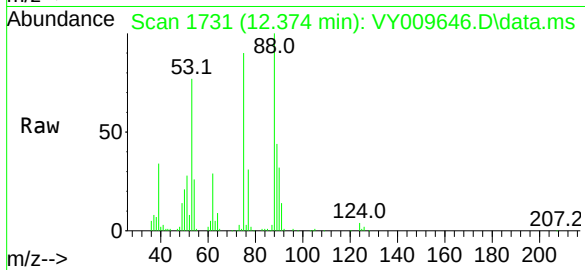




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.892 ug/l
 RT: 12.374 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY009646.D
 Acq: 21 Jul 2022 20:22

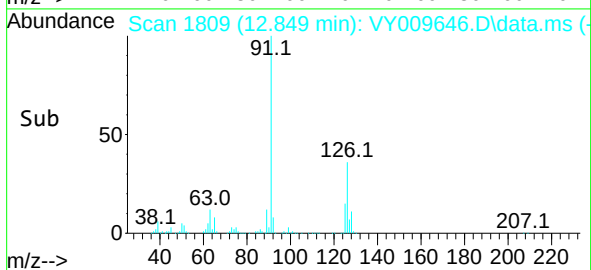
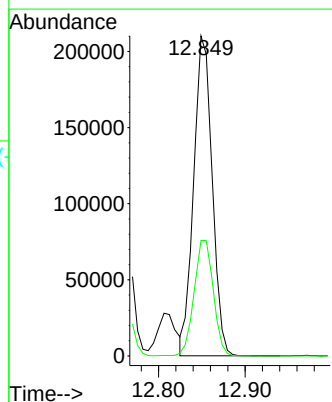
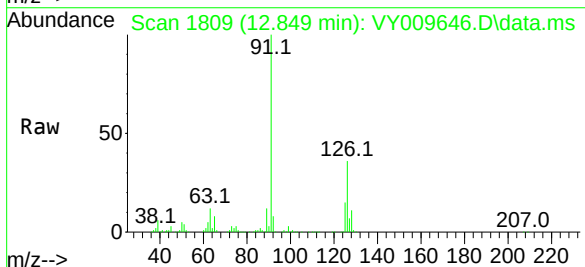
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

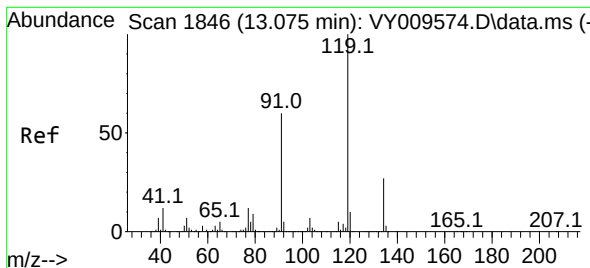
Tgt Ion: 75 Resp: 30078
 Ion Ratio Lower Upper
 75 100
 53 85.3 85.3 127.9#
 89 47.2 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 52.891 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: VY009646.D
 Acq: 21 Jul 2022 20:22

Tgt Ion: 91 Resp: 311362
 Ion Ratio Lower Upper
 91 100
 126 37.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 55.480 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

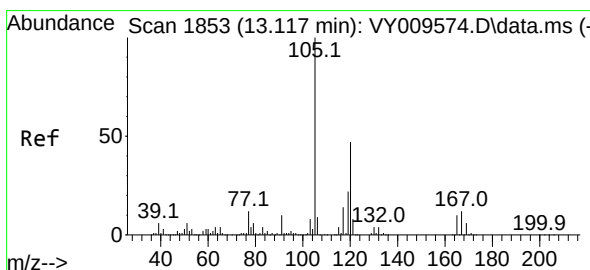
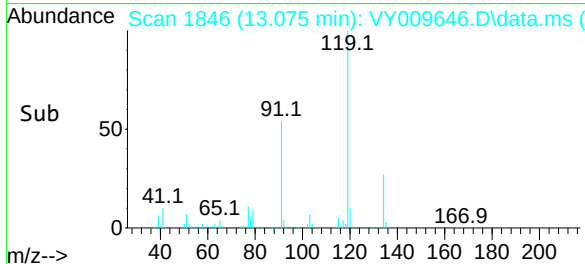
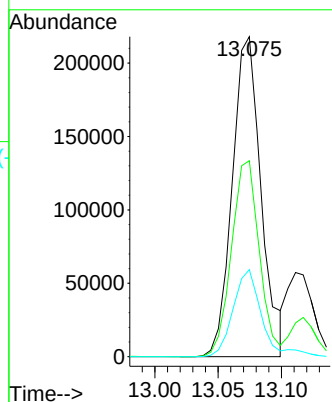
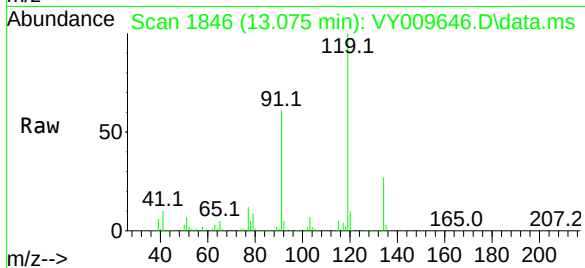
Tgt Ion:119 Resp: 344972

Ion Ratio Lower Upper

119 100

91 59.4 34.8 104.4

134 27.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 54.086 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009646.D

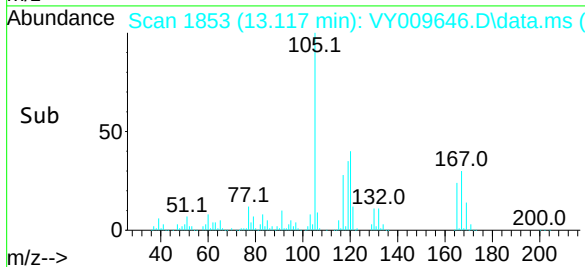
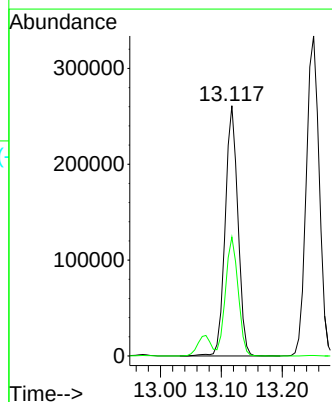
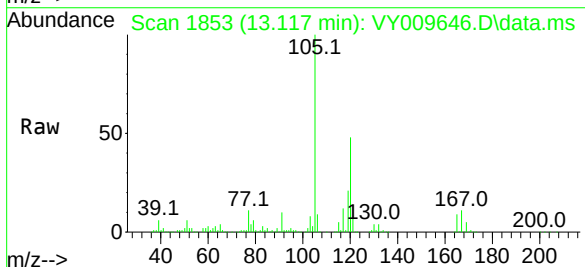
Acq: 21 Jul 2022 20:22

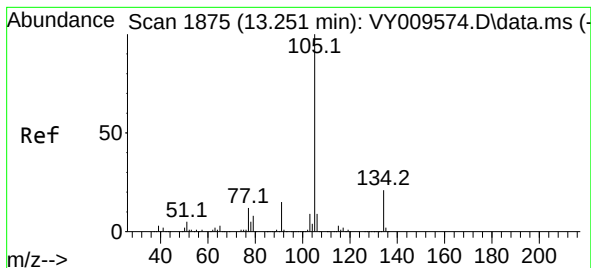
Tgt Ion:105 Resp: 378568

Ion Ratio Lower Upper

105 100

120 46.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.306 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

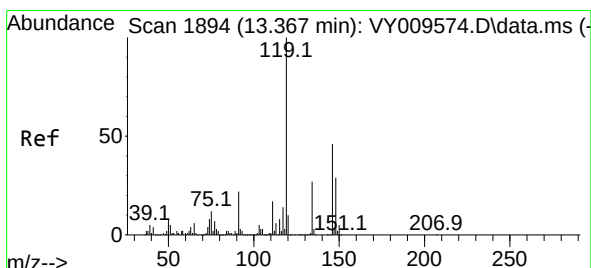
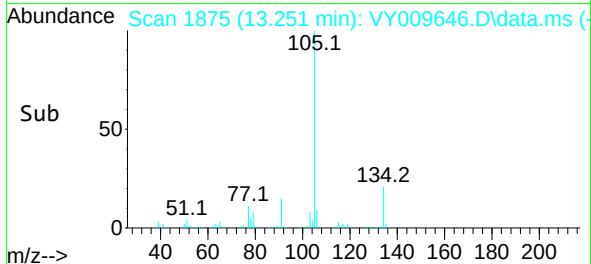
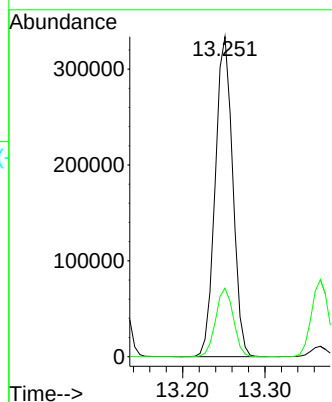
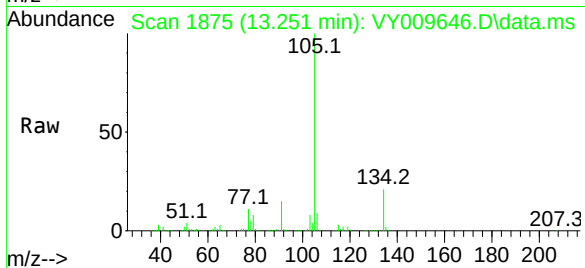
VSTDCCC050EC

Tgt Ion:105 Resp: 491426

Ion Ratio Lower Upper

105 100

134 21.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.490 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

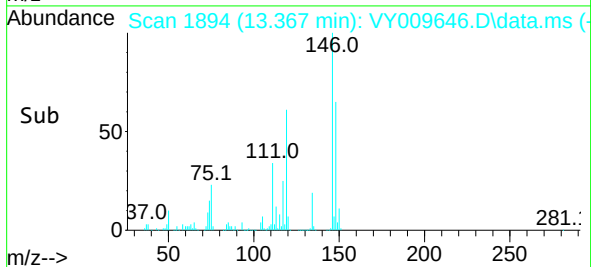
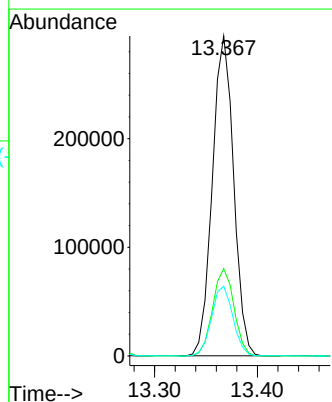
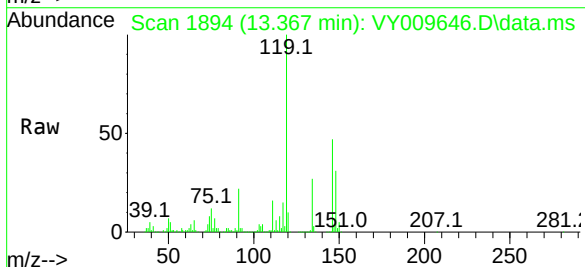
Tgt Ion:119 Resp: 422160

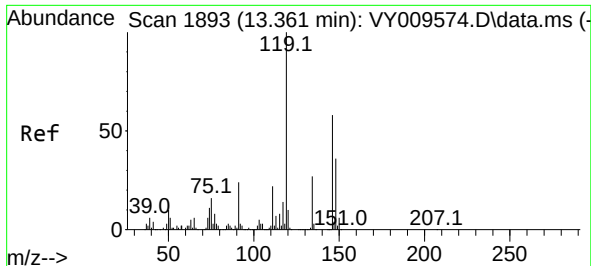
Ion Ratio Lower Upper

119 100

134 27.5 13.2 39.5

91 21.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.365 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

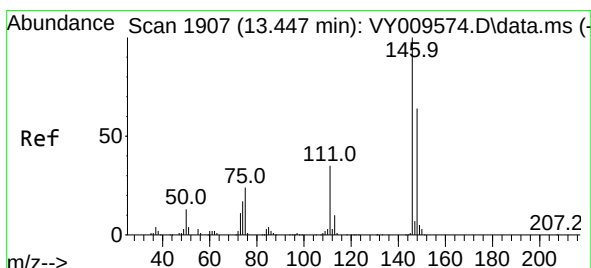
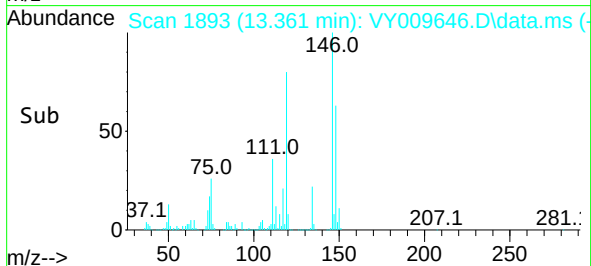
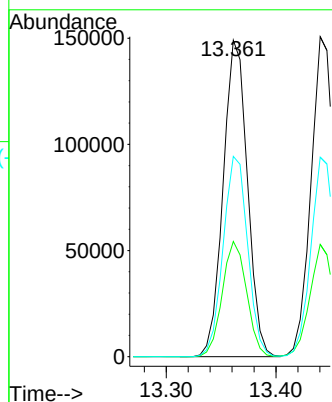
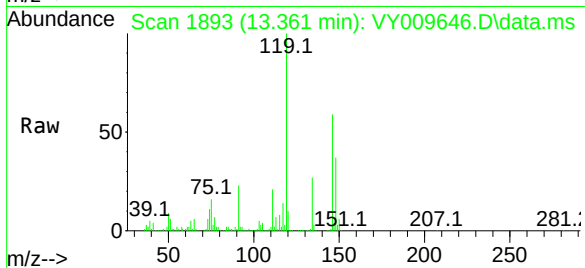
Tgt Ion:146 Resp: 229058

Ion Ratio Lower Upper

146 100

111 36.5 19.5 58.5

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 54.360 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

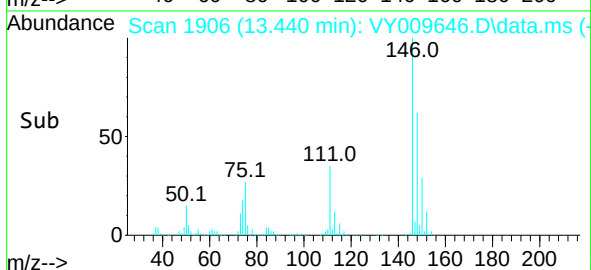
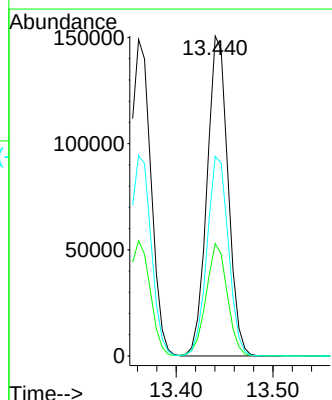
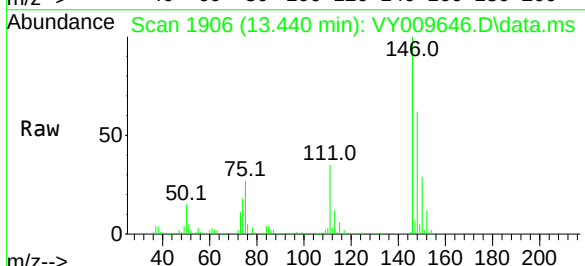
Tgt Ion:146 Resp: 227090

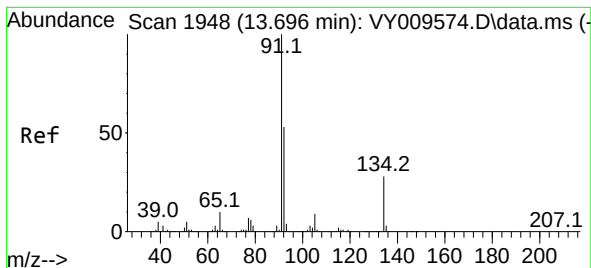
Ion Ratio Lower Upper

146 100

111 35.3 19.3 57.8

148 63.6 32.6 97.8





#89

n-Butylbenzene

Concen: 52.619 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

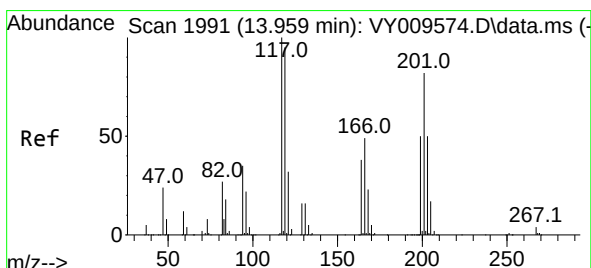
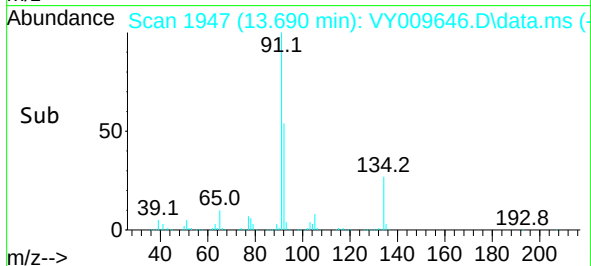
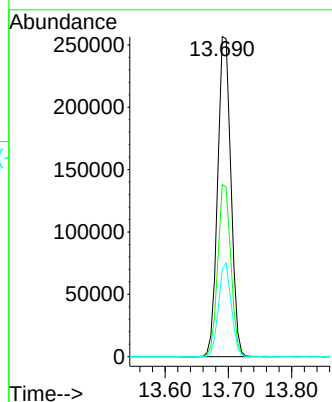
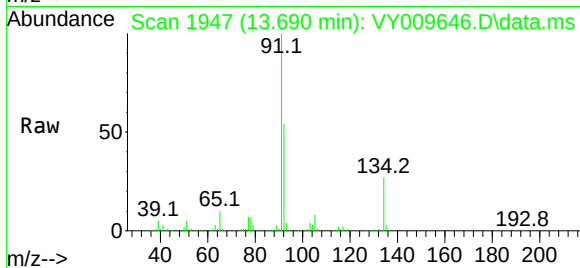
Tgt Ion: 91 Resp: 372315

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 28.2 13.0 38.9



#90

Hexachloroethane

Concen: 54.473 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009646.D

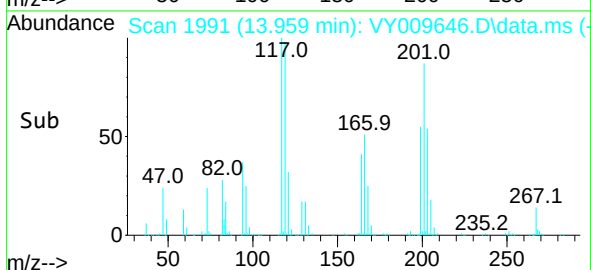
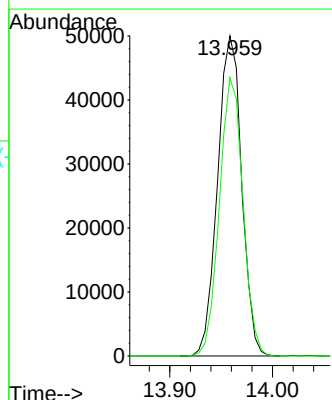
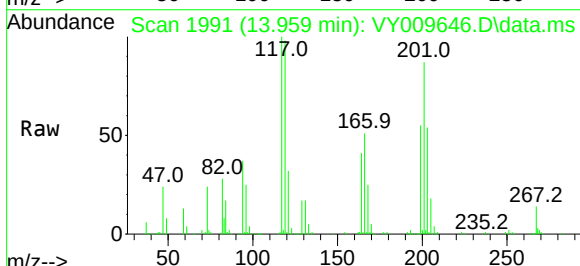
Acq: 21 Jul 2022 20:22

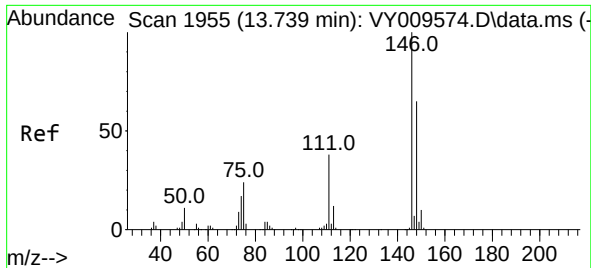
Tgt Ion: 117 Resp: 81308

Ion Ratio Lower Upper

117 100

201 85.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 55.435 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

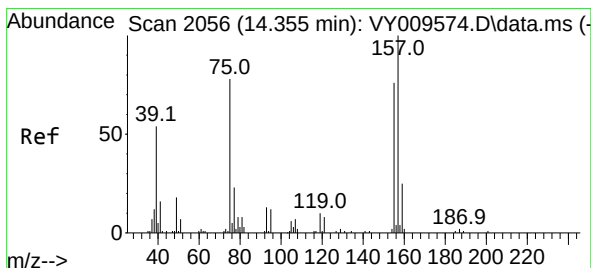
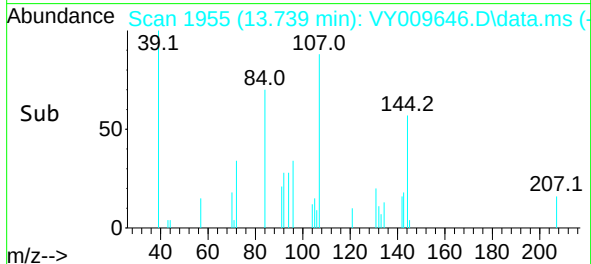
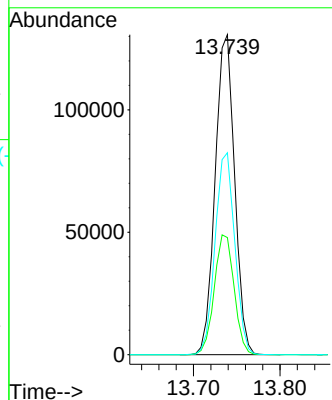
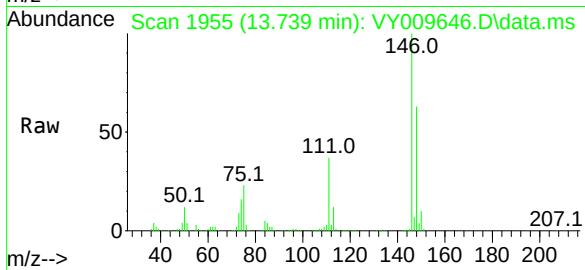
Tgt Ion:146 Resp: 204040

Ion Ratio Lower Upper

146 100

111 38.2 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.127 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

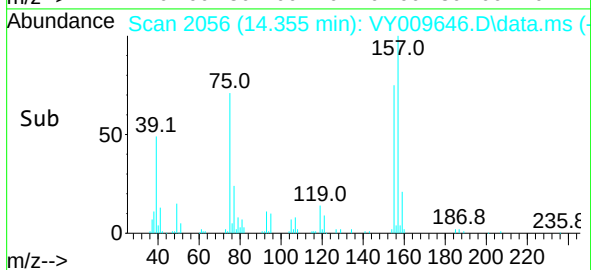
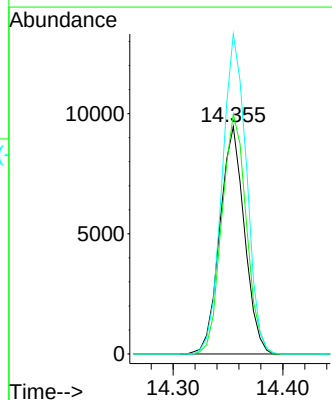
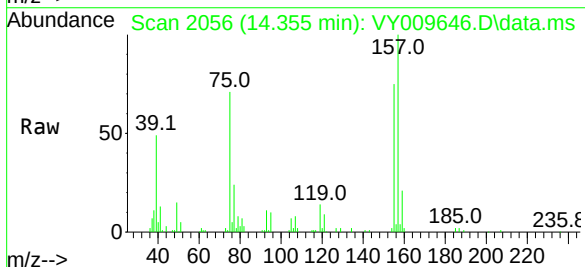
Tgt Ion: 75 Resp: 14742

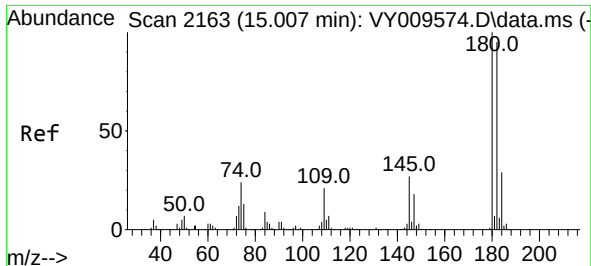
Ion Ratio Lower Upper

75 100

155 104.8 38.0 113.9

157 139.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 56.766 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

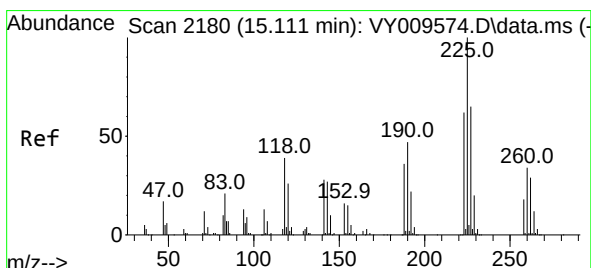
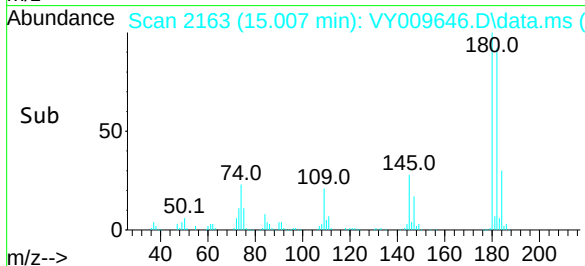
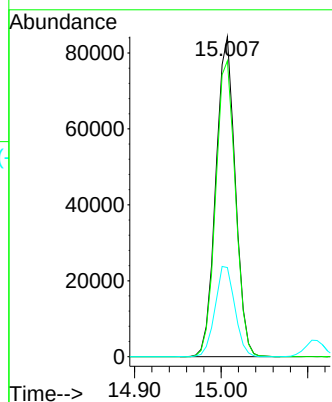
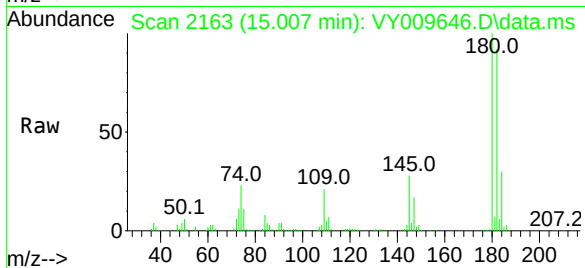
Tgt Ion:180 Resp: 131140

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 56.787 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

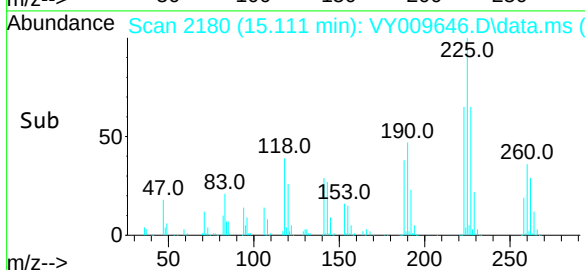
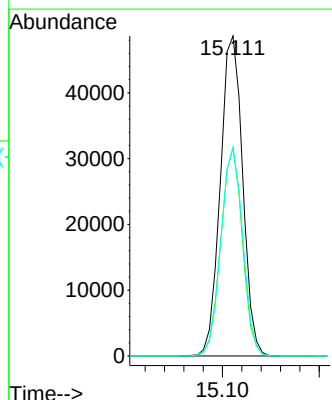
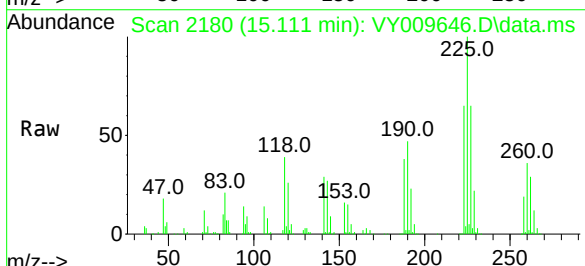
Tgt Ion:225 Resp: 77825

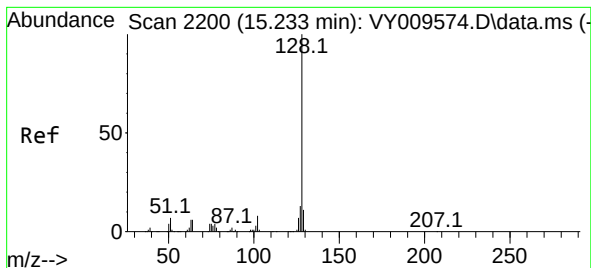
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 63.8 31.6 94.7





#95

Naphthalene

Concen: 61.113 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

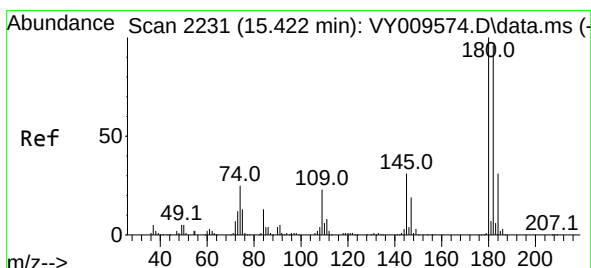
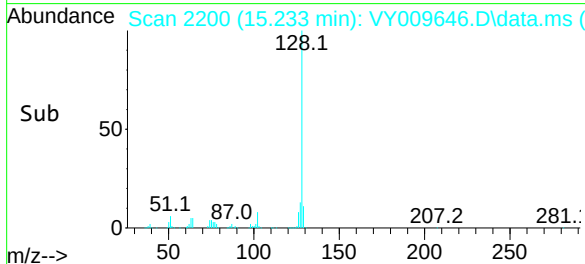
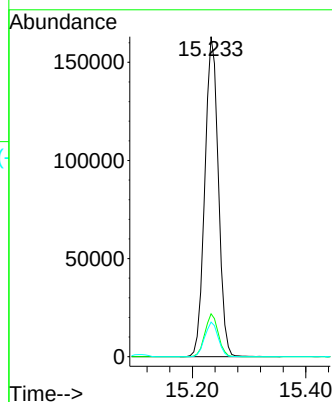
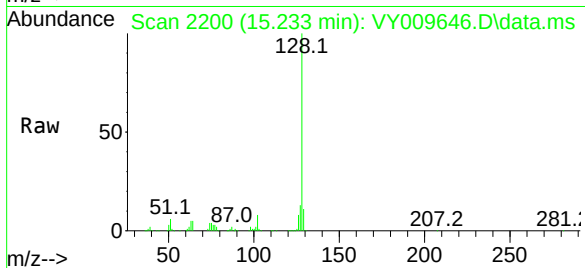
Tgt Ion:128 Resp: 269548

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 58.040 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009646.D

Acq: 21 Jul 2022 20:22

Tgt Ion:180 Resp: 117782

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 30.0 15.3 45.9

