

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081022\
 Data File : VY009954.D
 Acq On : 10 Aug 2022 16:32
 Operator : KP/MD
 Sample : VSTDIC075
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 10 17:10:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:00:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	77794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	134826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	43569	61.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.710	113	50154	68.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.160%
50) Toluene-d8	10.173	98	158552	60.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.880%
62) 4-Bromofluorobenzene	12.477	95	76869	74.318	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	148.640%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	44752	68.141	ug/l	99
3) Chloromethane	2.101	50	46386	58.648	ug/l	96
4) Vinyl Chloride	2.241	62	48859	59.359	ug/l	100
5) Bromomethane	2.631	94	35939	63.518	ug/l	99
6) Chloroethane	2.778	64	31651	62.105	ug/l	99
7) Trichlorofluoromethane	3.107	101	101703	73.714	ug/l	98
8) Diethyl Ether	3.515	74	40793	82.931	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	63386	78.477	ug/l	95
10) Methyl Iodide	4.070	142	82144	89.144	ug/l	98
11) Tert butyl alcohol	4.948	59	28057	325.406	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	65751	87.405	ug/l	96
13) Acrolein	3.716	56	43924	1548.505	ug/l	97
14) Allyl chloride	4.460	41	111567	80.956	ug/l	97
15) Acrylonitrile	5.149	53	102816	395.090	ug/l	99
16) Acetone	3.936	43	70026	333.622	ug/l	92
17) Carbon Disulfide	4.174	76	212155	89.156	ug/l	98
18) Methyl Acetate	4.460	43	49360	66.799	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	177776	85.487	ug/l	99
20) Methylene Chloride	4.698	84	77464	54.698	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	75645	88.254	ug/l	96
22) Diisopropyl ether	6.106	45	234463	80.779	ug/l	99
23) Vinyl Acetate	6.045	43	750182	415.260	ug/l	98
24) 1,1-Dichloroethane	6.003	63	129077	81.900	ug/l	99
25) 2-Butanone	6.972	43	125727	357.530	ug/l	98
26) 2,2-Dichloropropane	6.966	77	104502	77.365	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	82353	84.456	ug/l	98
28) Bromochloromethane	7.326	49	54343	94.050	ug/l	99
29) Tetrahydrofuran	7.338	42	87964	378.802	ug/l	99
30) Chloroform	7.496	83	128261	80.890	ug/l	95
31) Cyclohexane	7.771	56	121455	80.254	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	108138	80.928	ug/l	98
36) 1,1-Dichloropropene	7.905	75	100901	81.030	ug/l	99
37) Ethyl Acetate	7.063	43	59884	73.919	ug/l	100
38) Carbon Tetrachloride	7.893	117	95820	78.061	ug/l	100
39) Methylcyclohexane	9.179	83	124469	84.779	ug/l	97
40) Benzene	8.149	78	306263	81.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	78722	177.585	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	79603	77.188	ug/l	98
43) Isopropyl Acetate	8.264	43	107912	75.144	ug/l	100
44) Trichloroethene	8.929	130	78786	81.365	ug/l	95
45) 1,2-Dichloropropane	9.209	63	76490	79.112	ug/l	95
46) Dibromomethane	9.301	93	43081	79.829	ug/l	96
47) Bromodichloromethane	9.490	83	98582	79.655	ug/l	98
48) Methyl methacrylate	9.289	41	49230	76.966	ug/l	96
49) 1,4-Dioxane	9.289	88	9043	1508.700	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	294846	371.513	ug/l	100
52) Toluene	10.240	92	190641	82.196	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	105391	81.191	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	120711	81.421	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	61981	79.628	ug/l	97
56) Ethyl methacrylate	10.508	69	86850	86.652	ug/l	99
57) 1,3-Dichloropropane	10.782	76	103832	79.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	214370	448.447	ug/l	98
59) 2-Hexanone	10.825	43	201496	373.799	ug/l	98
60) Dibromochloromethane	10.977	129	70409	78.528	ug/l	100
61) 1,2-Dibromoethane	11.081	107	58751	79.645	ug/l	99
64) Tetrachloroethene	10.715	164	70062	79.335	ug/l	96
65) Chlorobenzene	11.514	112	195952	82.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	69876	80.384	ug/l	98
67) Ethyl Benzene	11.587	91	347935	83.368	ug/l	98
68) m/p-Xylenes	11.697	106	277300	171.879	ug/l	95
69) o-Xylene	12.026	106	130491	86.751	ug/l	95
70) Styrene	12.038	104	223187	86.144	ug/l	99
71) Bromoform	12.203	173	43054	81.070	ug/l #	98
73) Isopropylbenzene	12.325	105	337074	81.207	ug/l	99
74) N-amyl acetate	12.142	43	105946	79.862	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	72174	76.379	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	95158	141.862	ug/l #	100
77) Bromobenzene	12.605	156	79835	80.124	ug/l	90
78) n-propylbenzene	12.666	91	433862	82.509	ug/l	97
79) 2-Chlorotoluene	12.751	91	240903	81.761	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	282936	81.505	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	26729	80.200	ug/l	94
82) 4-Chlorotoluene	12.849	91	247142	79.716	ug/l	97
83) tert-Butylbenzene	13.075	119	245391	82.470	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	279013	82.133	ug/l	98
85) sec-Butylbenzene	13.251	105	383498	83.676	ug/l	98
86) p-Isopropyltoluene	13.367	119	308671	83.127	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	158279	79.352	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	159762	78.809	ug/l	99
89) n-Butylbenzene	13.690	91	296845	81.582	ug/l	98
90) Hexachloroethane	13.959	117	59323	76.293	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	140639	77.668	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11044	74.160	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	79966	77.572	ug/l	99
94) Hexachlorobutadiene	15.111	225	42937	74.020	ug/l	100
95) Naphthalene	15.233	128	185689	86.552	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	72477	79.287	ug/l	98

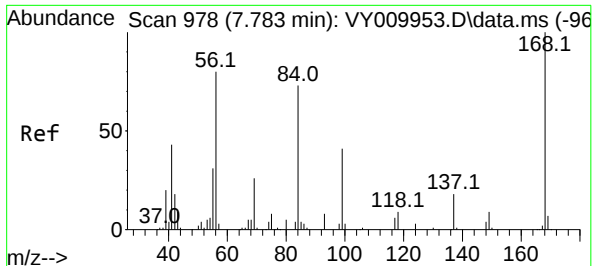
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ClientSampleId :
VSTDICC075

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Response via : Initial Calibration

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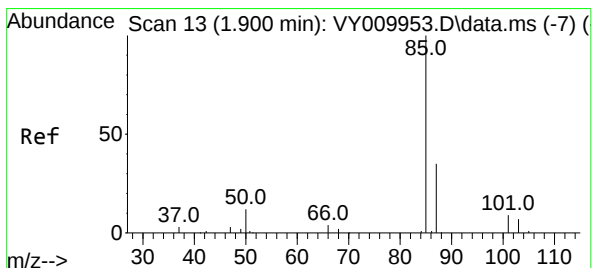
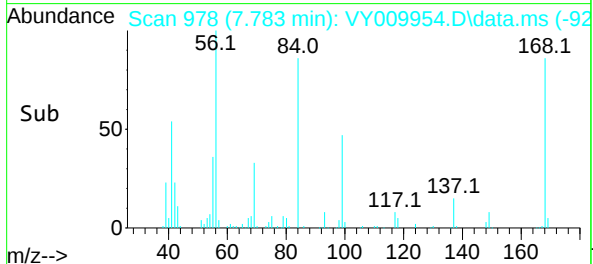
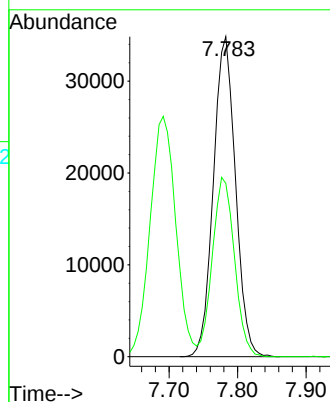
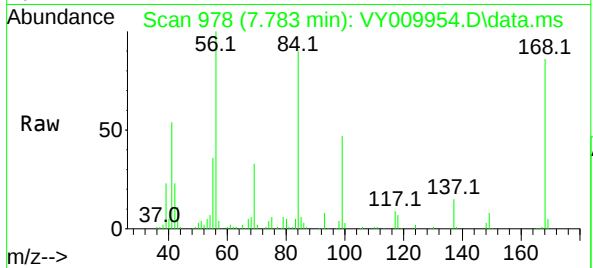
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009954.D
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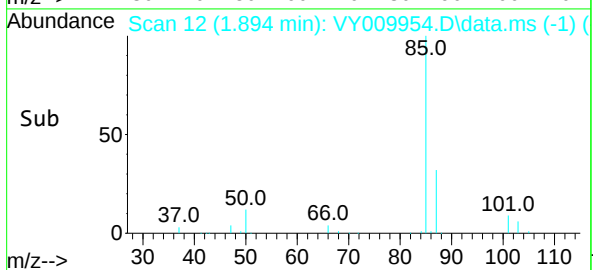
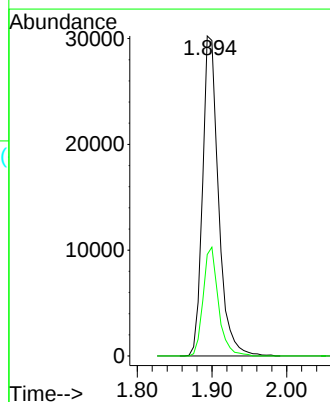
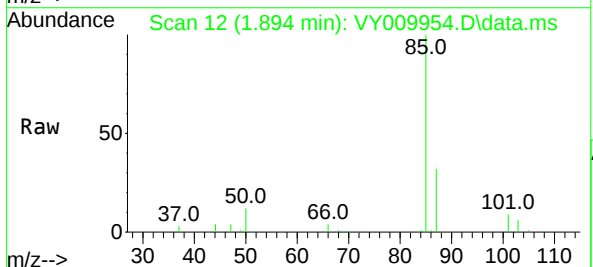
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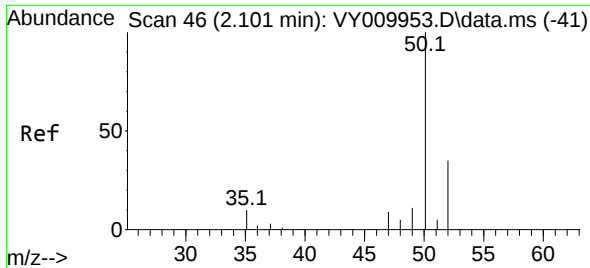
Tgt Ion:168 Resp: 77794
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 68.141 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 85 Resp: 44752
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.5

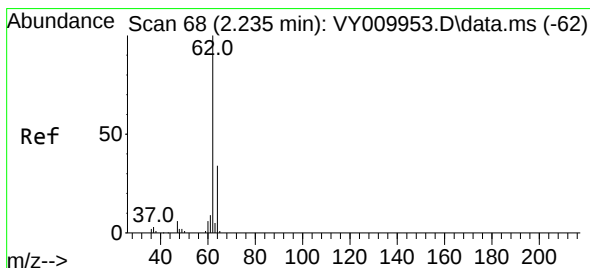
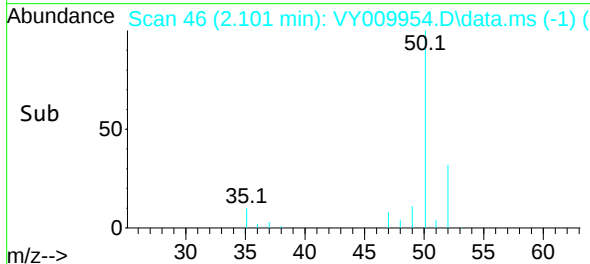
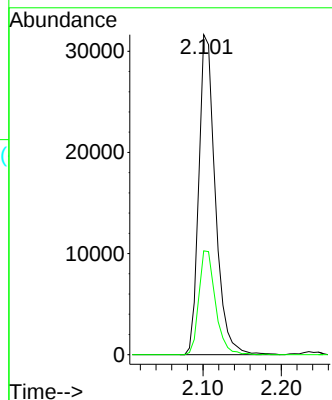
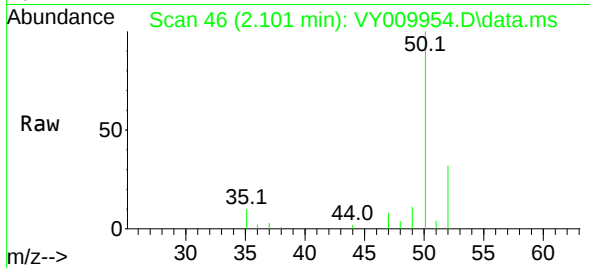




#3
Chloromethane
Concen: 58.648 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

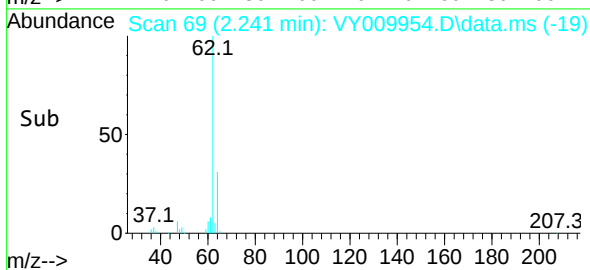
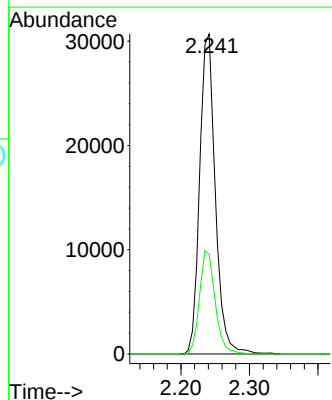
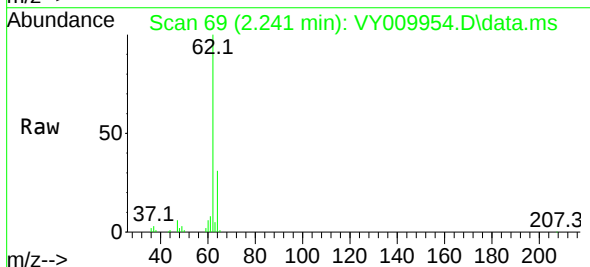
Instrument :
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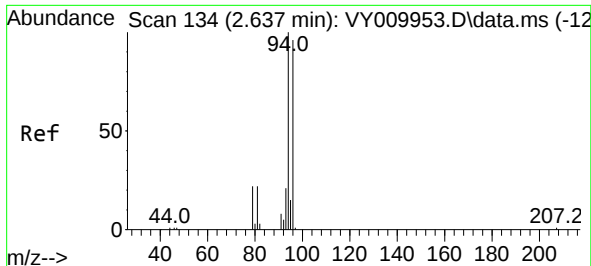
Tgt Ion: 50 Resp: 46386
Ion Ratio Lower Upper
50 100
52 32.4 27.9 41.9



#4
Vinyl Chloride
Concen: 59.359 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 62 Resp: 48859
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.4

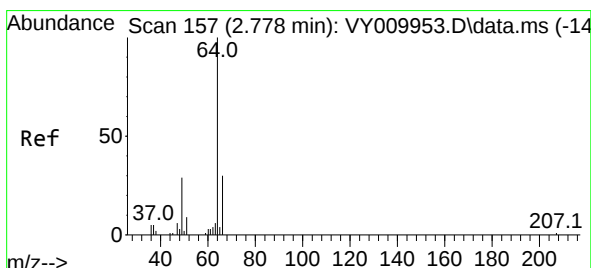
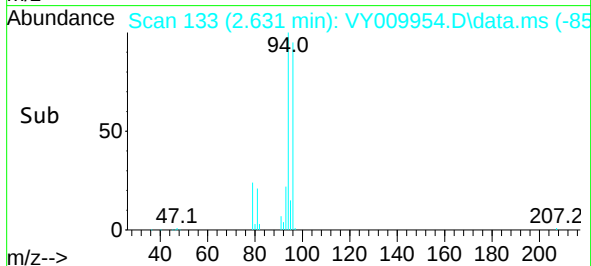
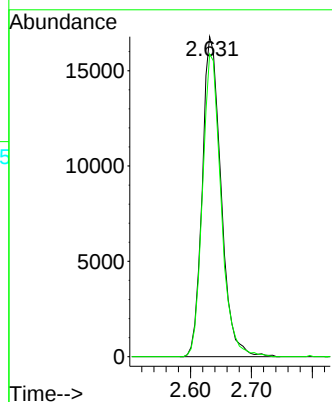
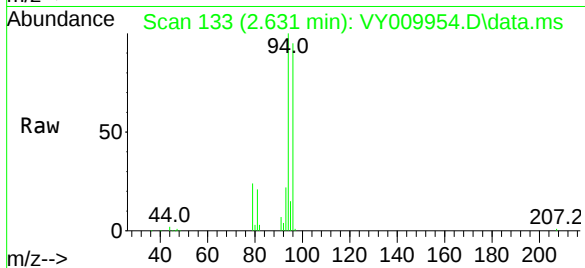




#5
Bromomethane
Concen: 63.518 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

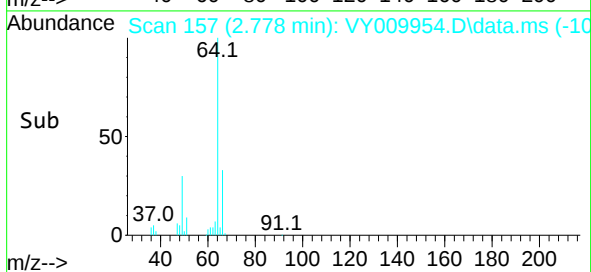
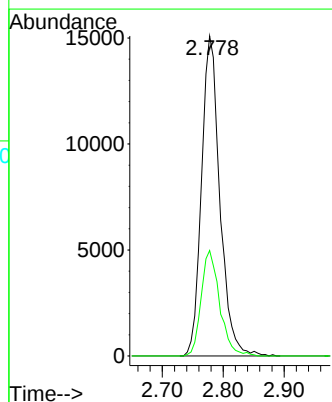
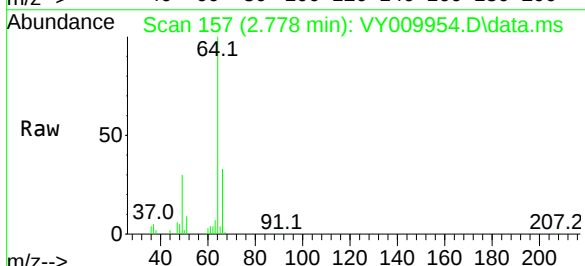
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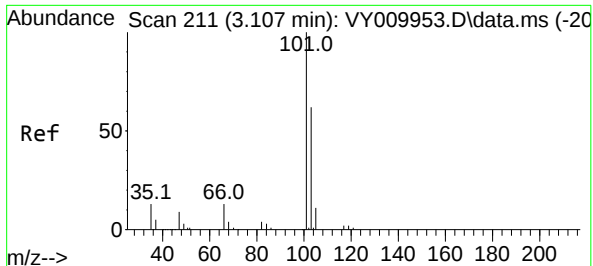
Tgt Ion: 94 Resp: 35939
Ion Ratio Lower Upper
94 100
96 94.6 74.6 111.8



#6
Chloroethane
Concen: 62.105 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 64 Resp: 31651
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8

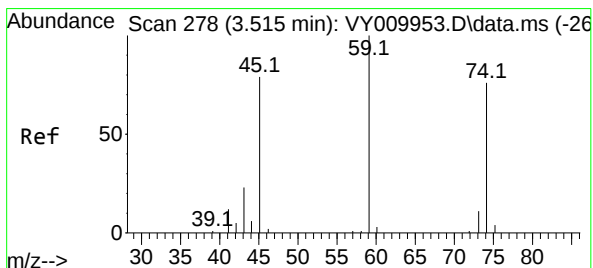
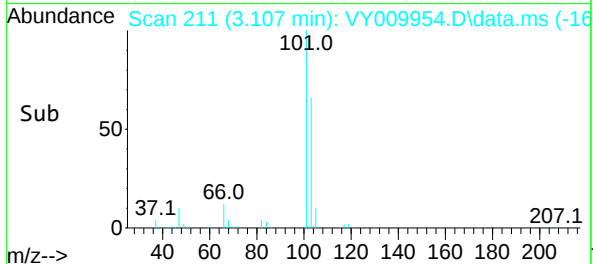
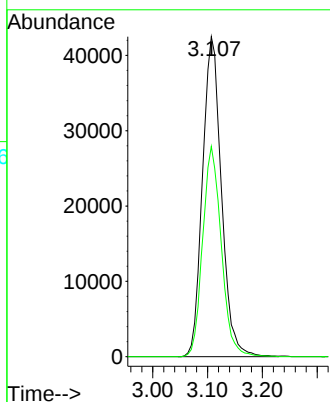
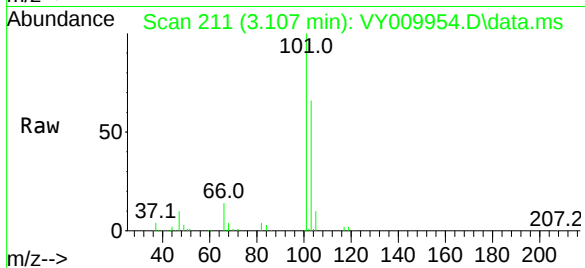




#7
 Trichlorofluoromethane
 Concen: 73.714 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

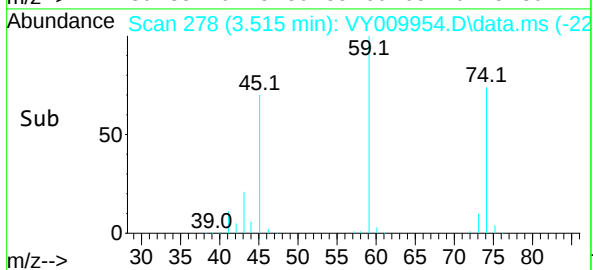
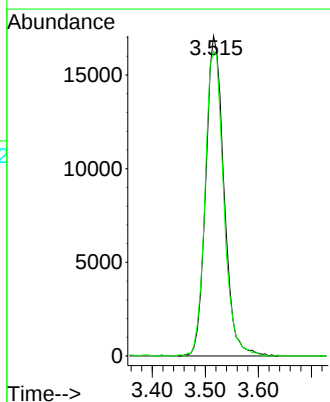
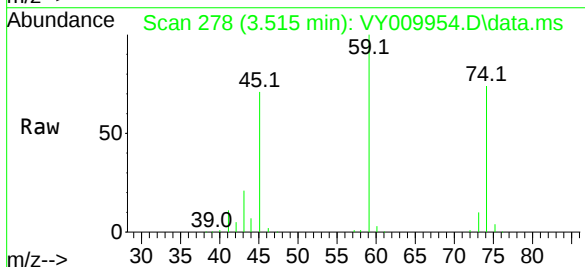
Instrument :
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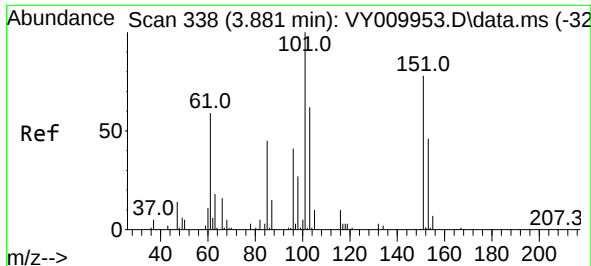
Tgt Ion:101 Resp: 101703
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 82.931 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

Tgt Ion: 74 Resp: 40793
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.1 147.4

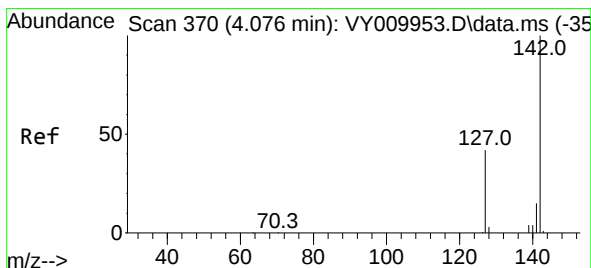
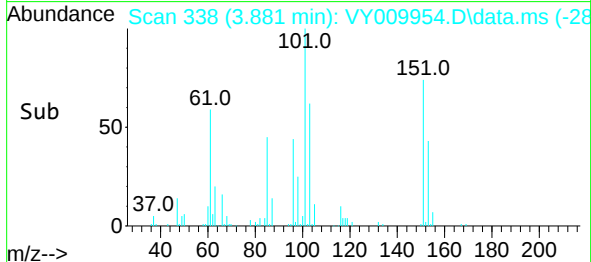
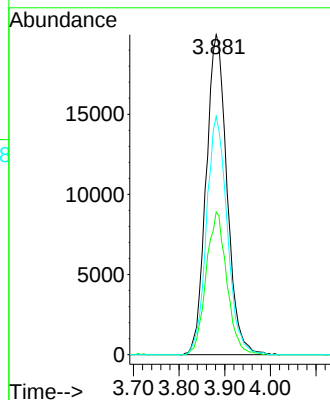
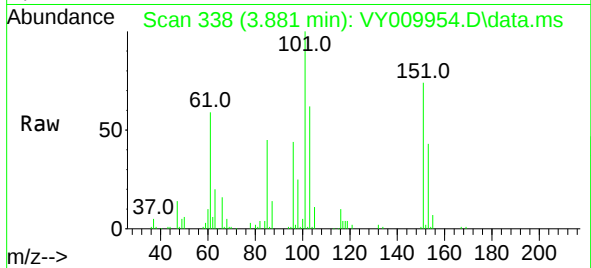




#9
1,1,2-Trichlorotrifluoroethane
Concen: 78.477 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009954.D
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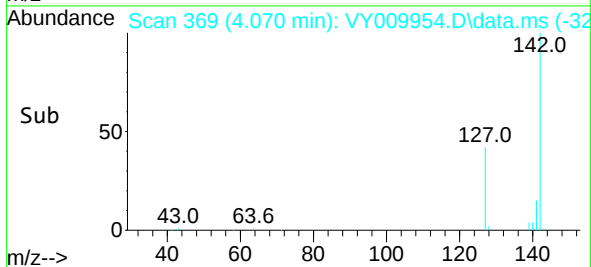
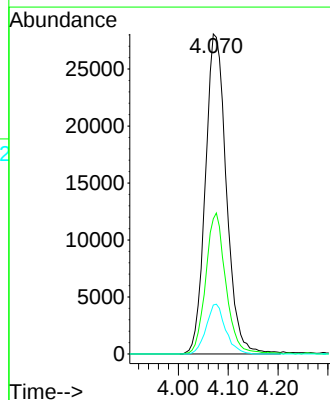
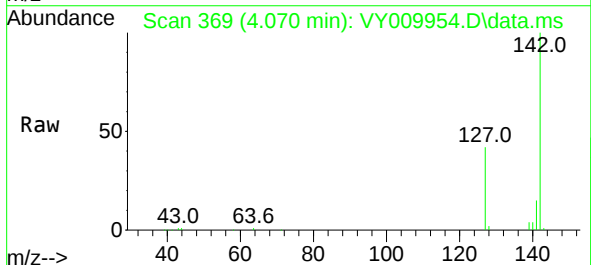
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

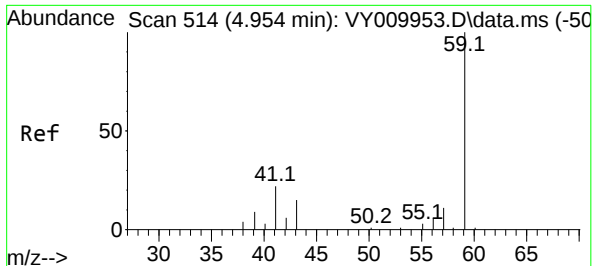
Tgt Ion:101 Resp: 63386
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.2
151 74.1 63.6 95.4



#10
Methyl Iodide
Concen: 89.144 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion:142 Resp: 82144
Ion Ratio Lower Upper
142 100
127 42.0 35.2 52.8
141 14.3 11.4 17.2

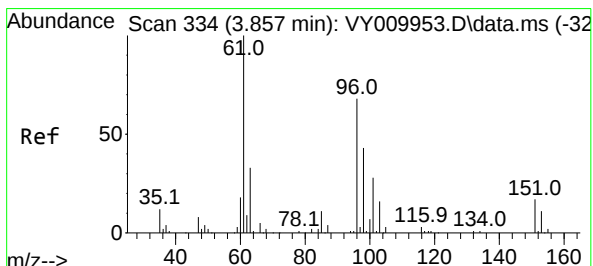
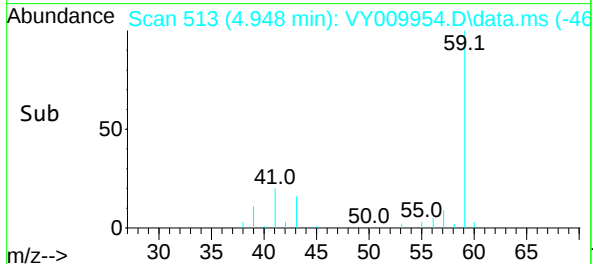
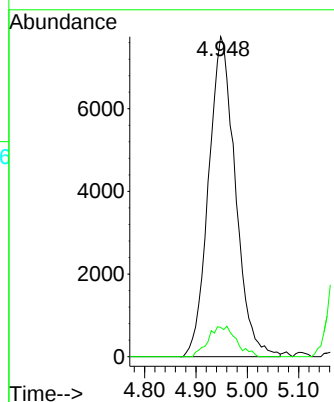
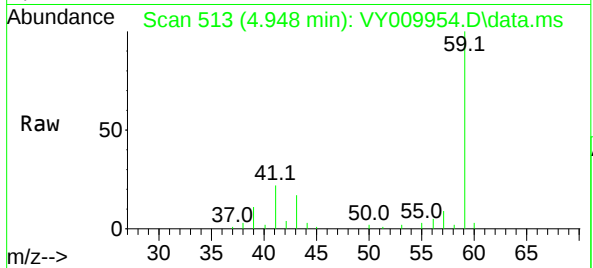




#11
Tert butyl alcohol
Concen: 325.406 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

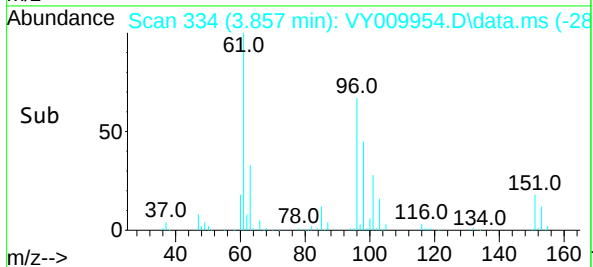
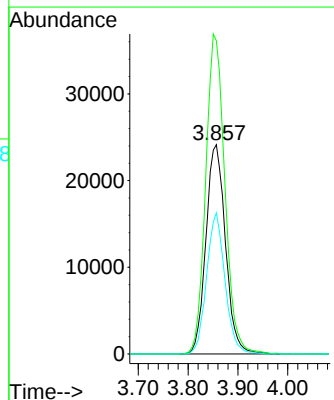
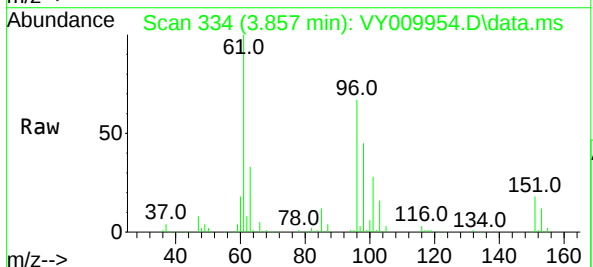
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

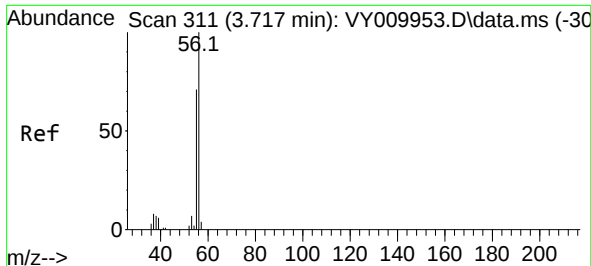
Tgt Ion: 59 Resp: 28057
Ion Ratio Lower Upper
59 100
57 9.9 6.3 9.5#



#12
1,1-Dichloroethene
Concen: 87.405 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 96 Resp: 65751
Ion Ratio Lower Upper
96 100
61 149.6 121.9 182.9
98 67.5 48.2 72.4





#13

Acrolein

Concen: 1548.505 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

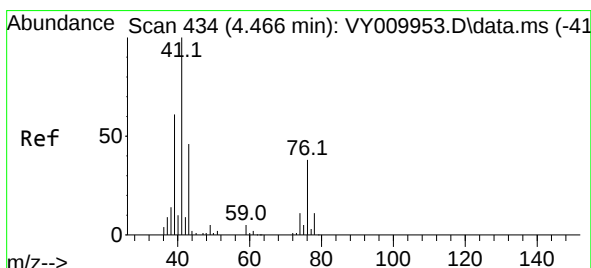
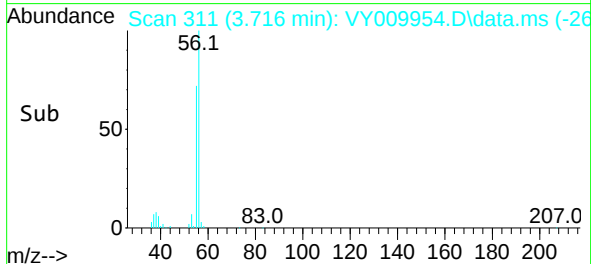
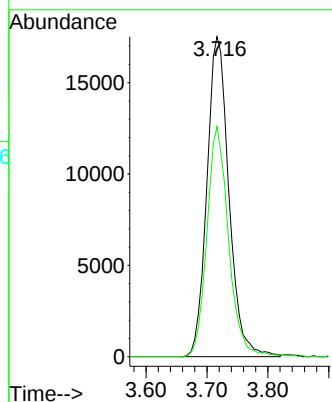
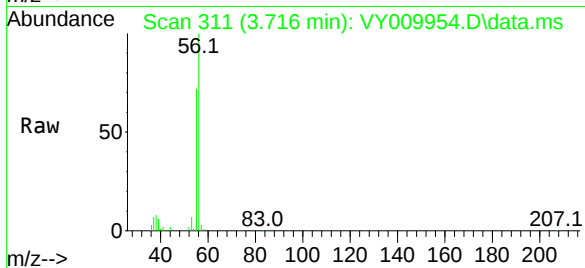
VSTDIC075

Tgt Ion: 56 Resp: 43924

Ion Ratio Lower Upper

56 100

55 70.7 54.8 82.2



#14

Allyl chloride

Concen: 80.956 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

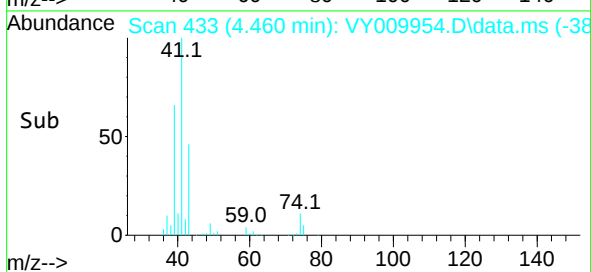
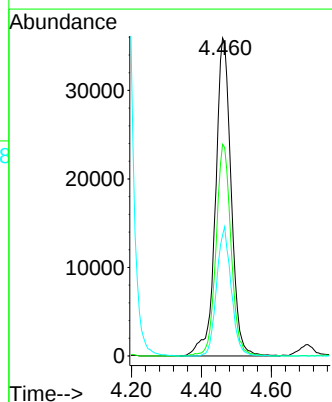
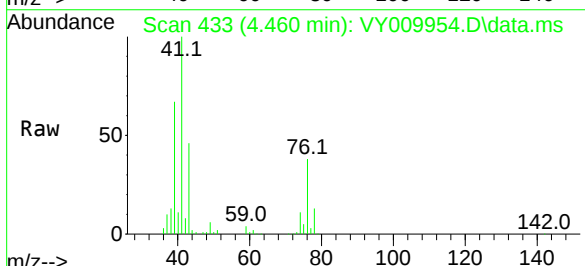
Tgt Ion: 41 Resp: 111567

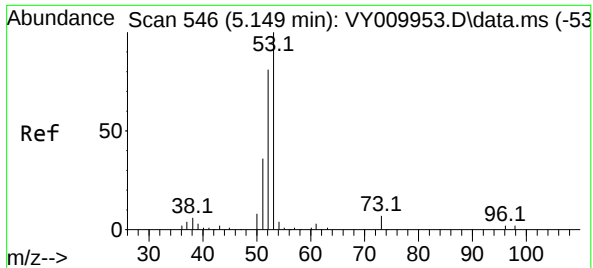
Ion Ratio Lower Upper

41 100

39 63.8 53.5 80.3

76 37.8 29.4 44.0

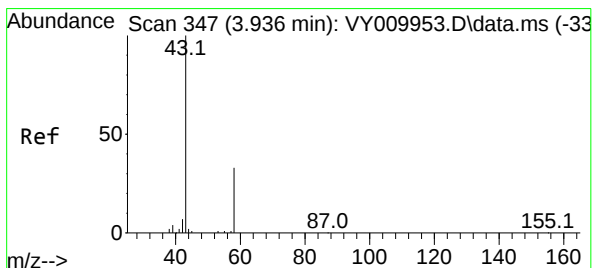
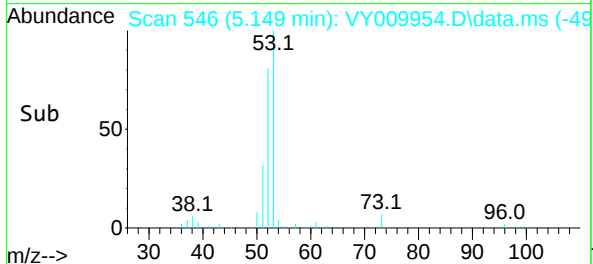
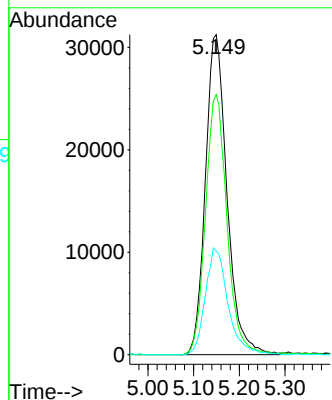
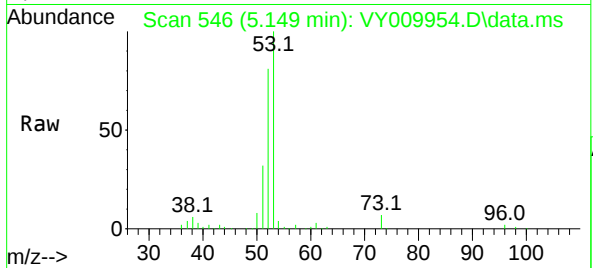




#15
Acrylonitrile
Concen: 395.090 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

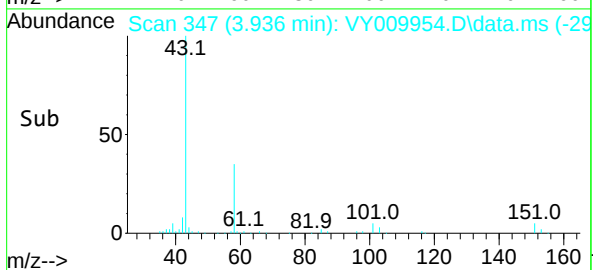
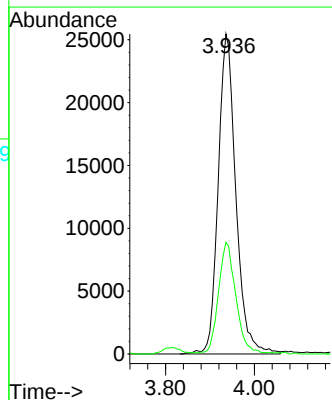
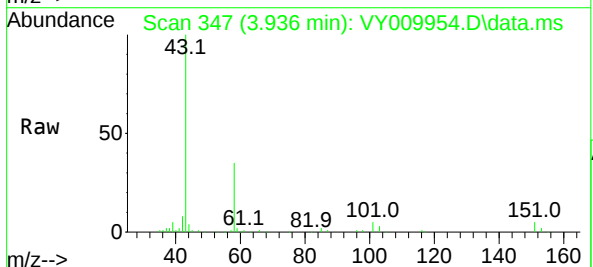
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

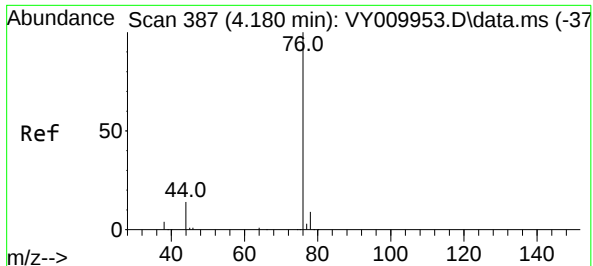
Tgt Ion: 53 Resp: 102816
Ion Ratio Lower Upper
53 100
52 80.7 65.4 98.2
51 34.9 28.4 42.6



#16
Acetone
Concen: 333.622 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 43 Resp: 70026
Ion Ratio Lower Upper
43 100
58 34.6 24.0 36.0

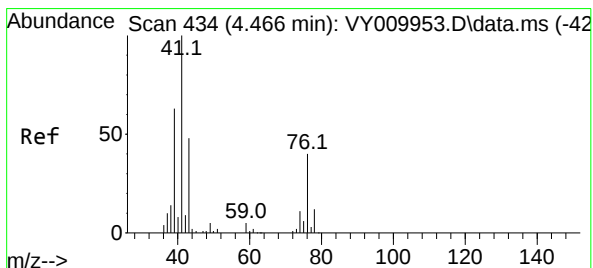
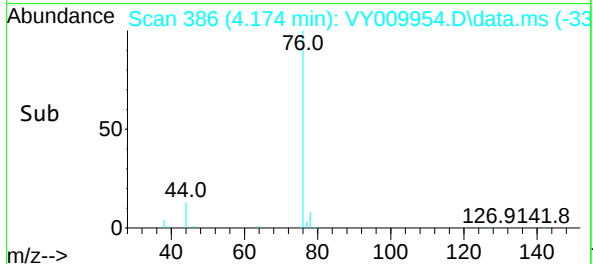
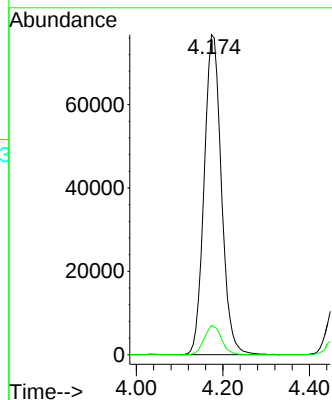
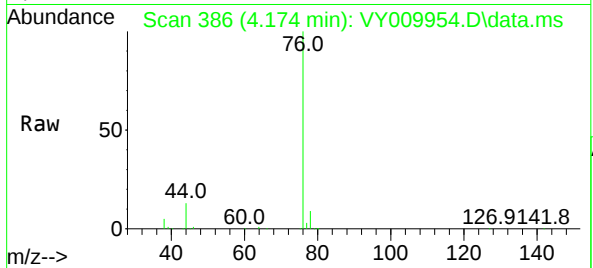




#17
Carbon Disulfide
Concen: 89.156 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

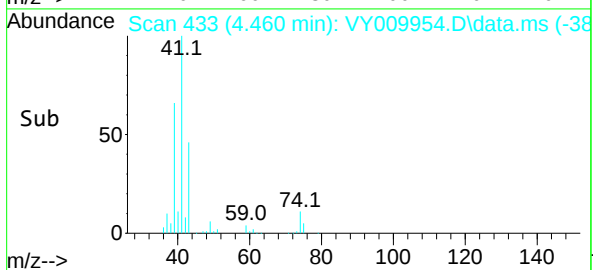
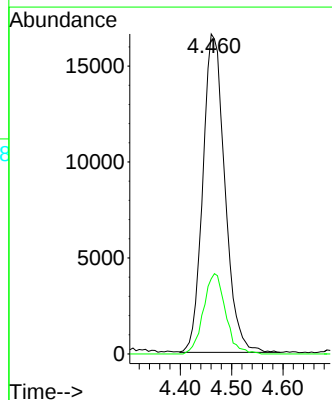
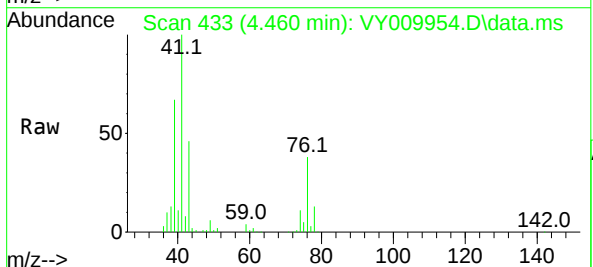
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

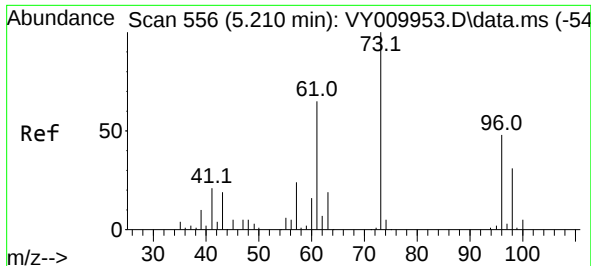
Tgt Ion: 76 Resp: 212155
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 66.799 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 43 Resp: 49360
Ion Ratio Lower Upper
43 100
74 25.3 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 85.487 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

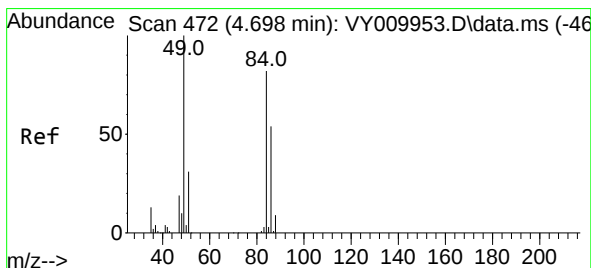
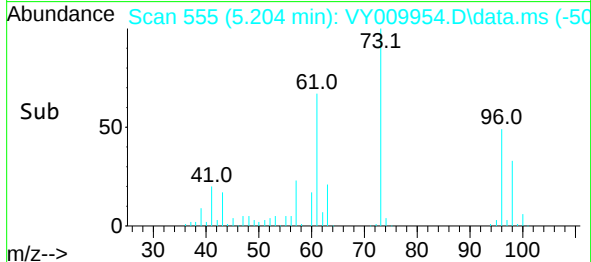
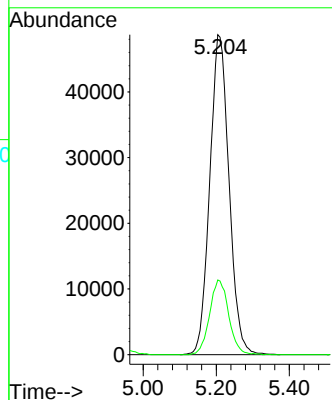
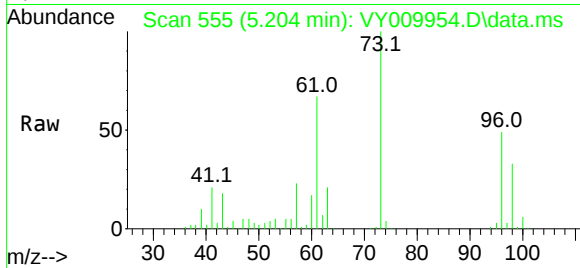
VSTDIC075

Tgt Ion: 73 Resp: 177776

Ion Ratio Lower Upper

73 100

57 23.4 18.5 27.7



#20

Methylene Chloride

Concen: 54.698 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Tgt Ion: 84 Resp: 77464

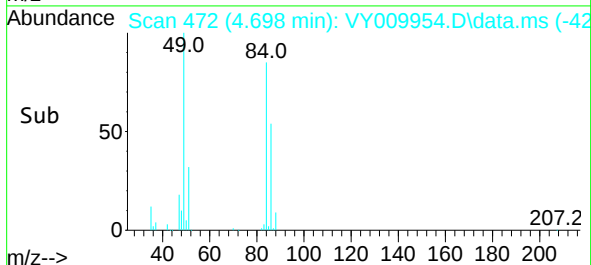
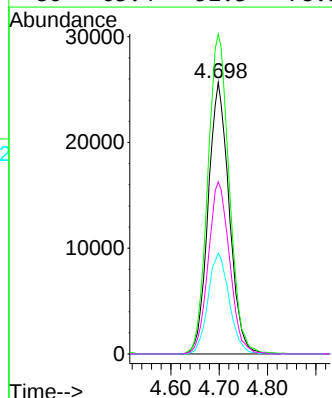
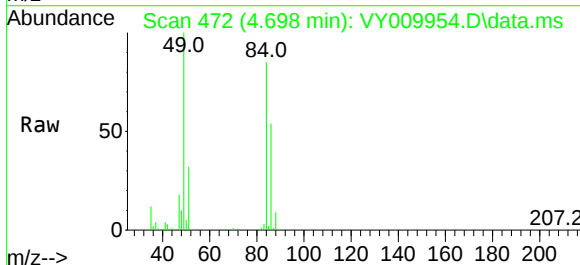
Ion Ratio Lower Upper

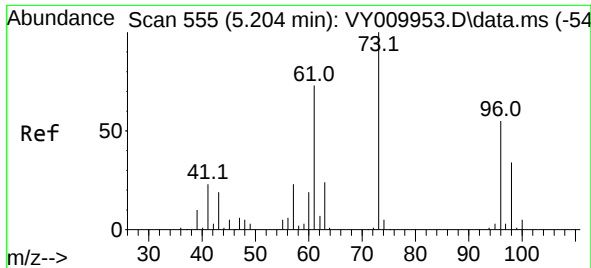
84 100

49 117.9 98.2 147.4

51 37.1 33.4 50.0

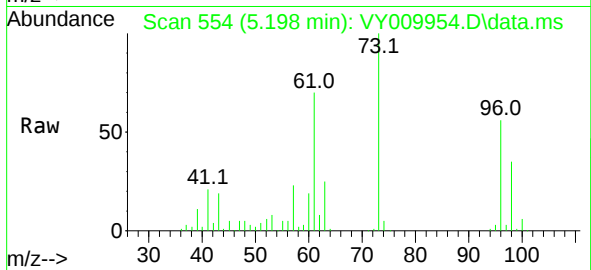
86 63.4 52.3 78.5



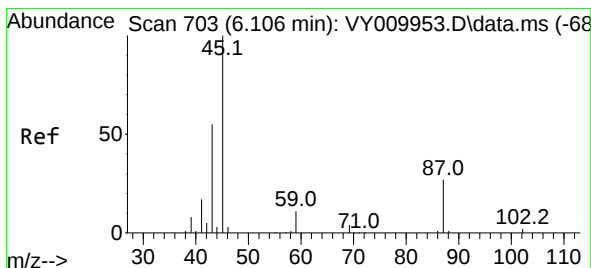
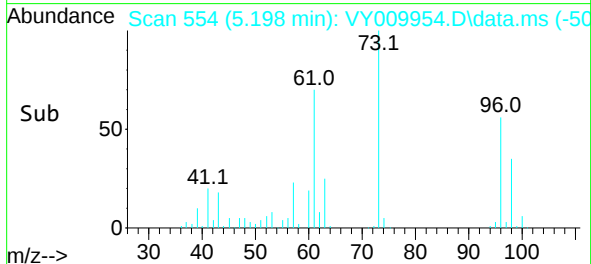
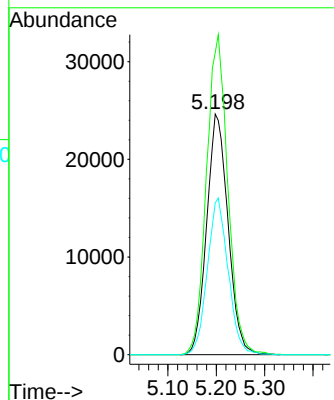


#21
trans-1,2-Dichloroethene
Concen: 88.254 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

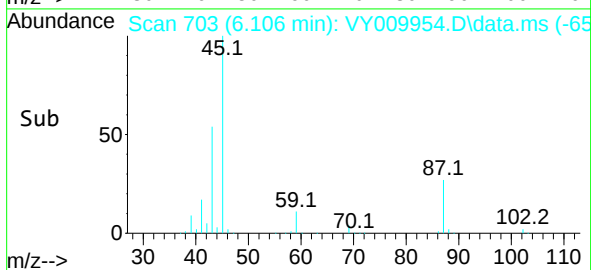
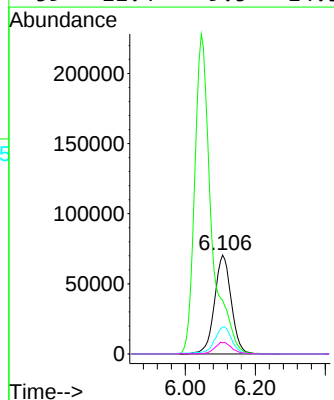
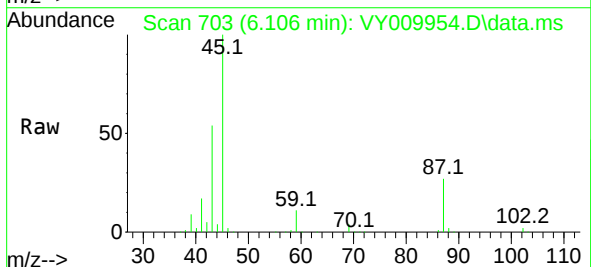


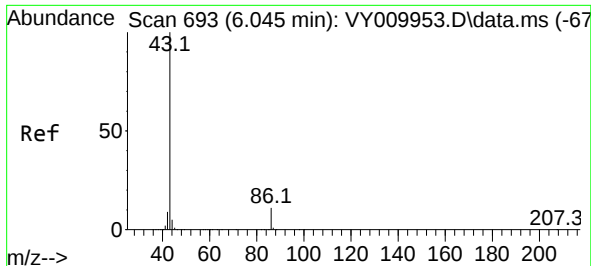
Tgt Ion:	96	Resp:	75645
Ion	Ratio	Lower	Upper
96	100		
61	125.5	105.8	158.6
98	63.0	49.7	74.5



#22
Diisopropyl ether
Concen: 80.779 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion:	45	Resp:	234463
Ion	Ratio	Lower	Upper
45	100		
43	54.2	43.7	65.5
87	27.3	22.2	33.4
59	11.4	9.5	14.3

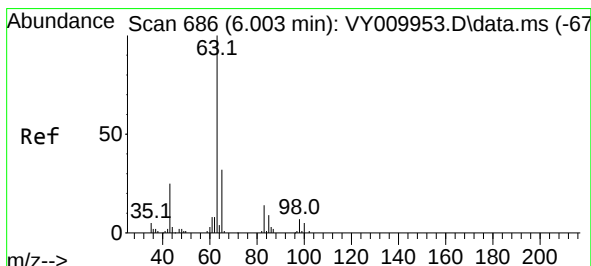
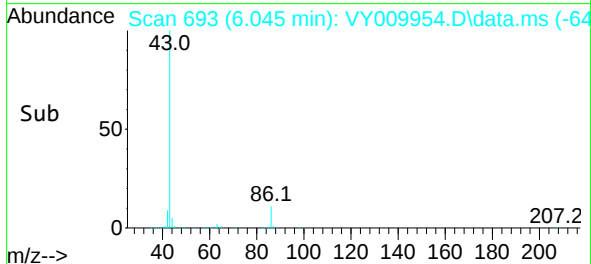
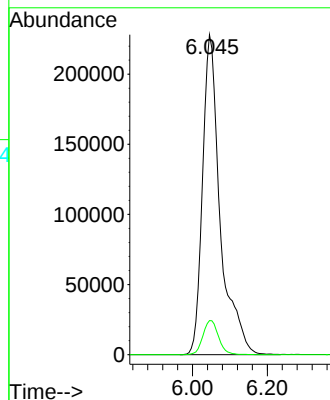
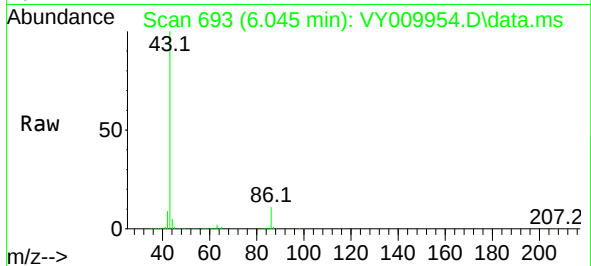




#23
 Vinyl Acetate
 Concen: 415.260 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

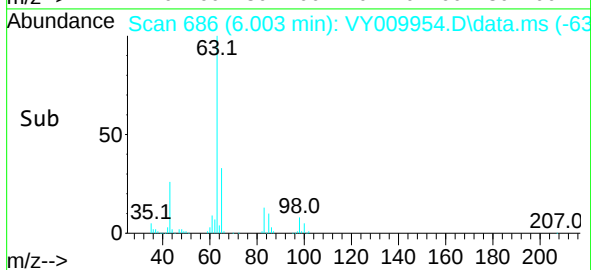
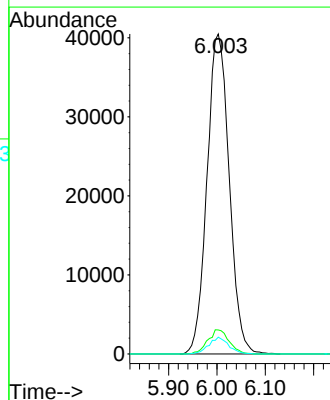
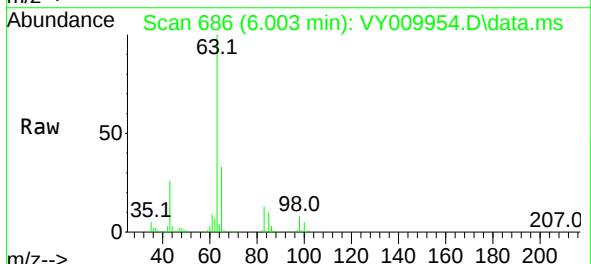
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

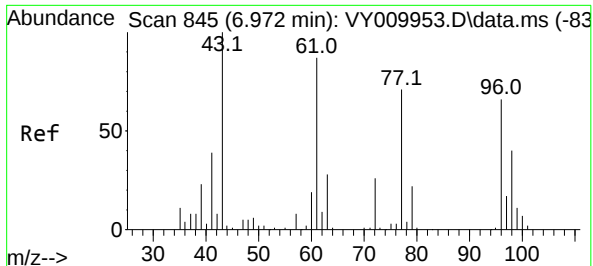
Tgt Ion: 43 Resp: 750182
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 81.900 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

Tgt Ion: 63 Resp: 129077
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.3 2.8 8.3





#25

2-Butanone

Concen: 357.530 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

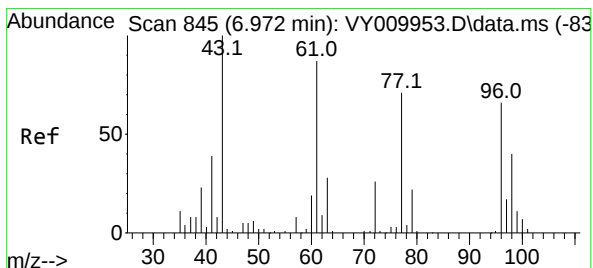
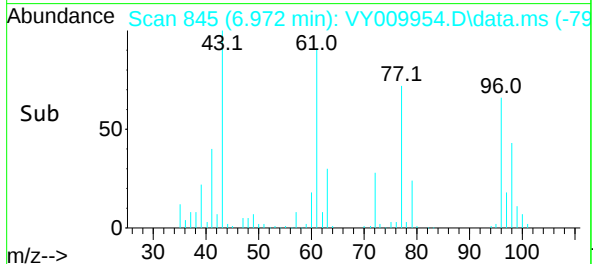
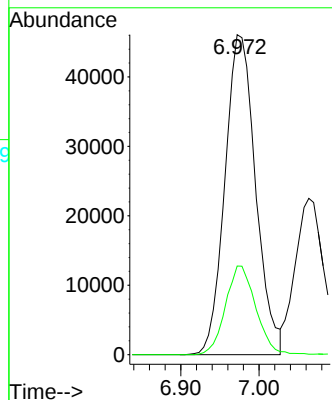
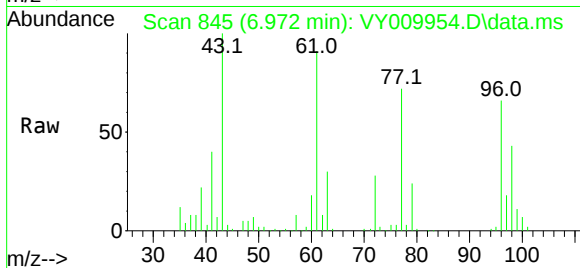
VSTDIC075

Tgt Ion: 43 Resp: 125727

Ion Ratio Lower Upper

43 100

72 27.7 21.5 32.3



#26

2,2-Dichloropropane

Concen: 77.365 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009954.D

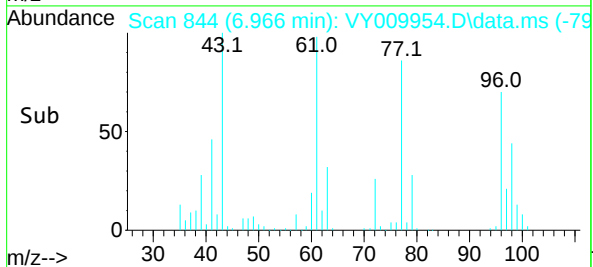
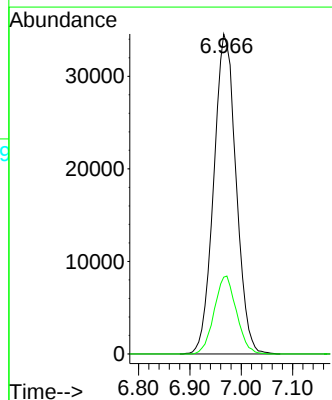
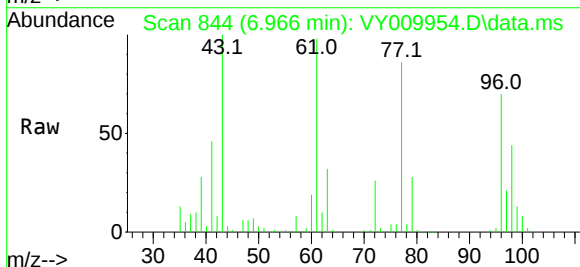
Acq: 10 Aug 2022 16:32

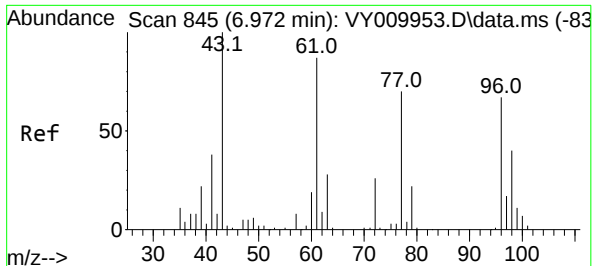
Tgt Ion: 77 Resp: 104502

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 84.456 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

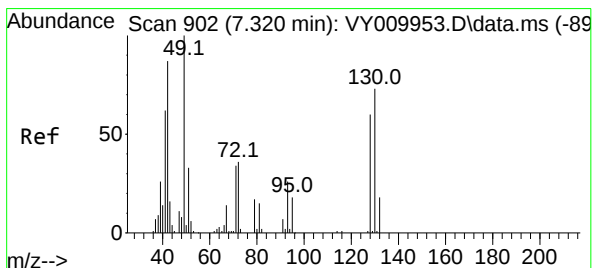
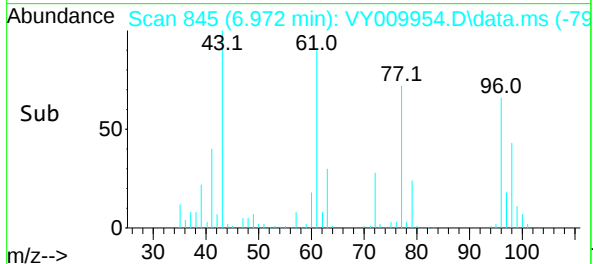
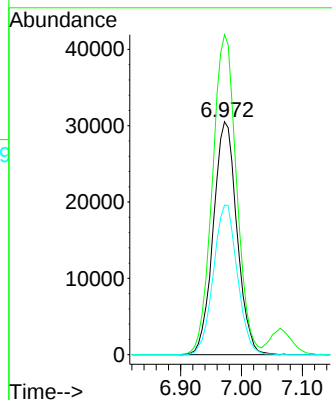
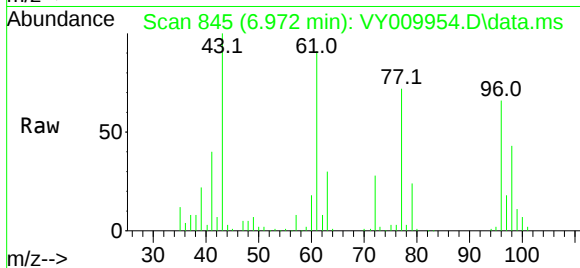
Tgt Ion: 96 Resp: 82353

Ion Ratio Lower Upper

96 100

61 140.0 0.0 285.6

98 65.1 0.0 131.0



#28

Bromochloromethane

Concen: 94.050 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

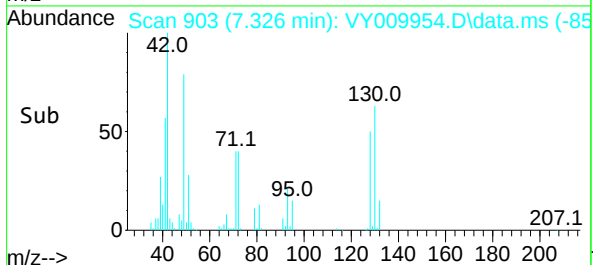
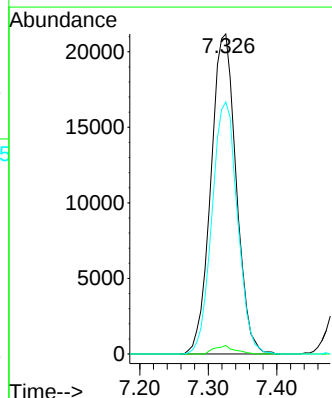
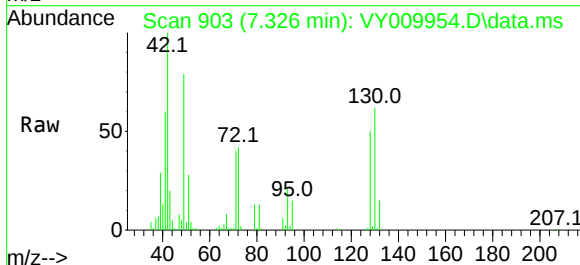
Tgt Ion: 49 Resp: 54343

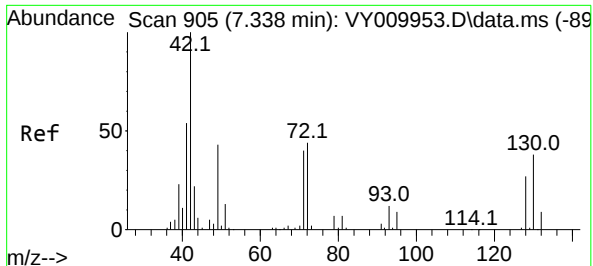
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 79.1 64.1 96.1





#29

Tetrahydrofuran

Concen: 378.802 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

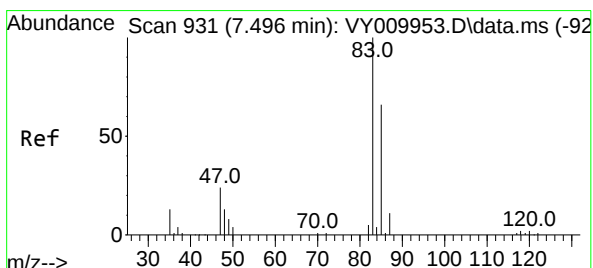
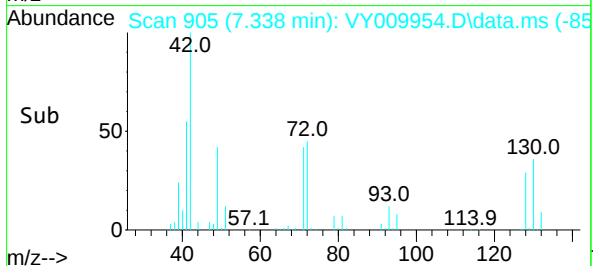
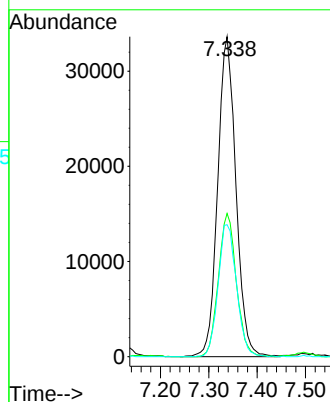
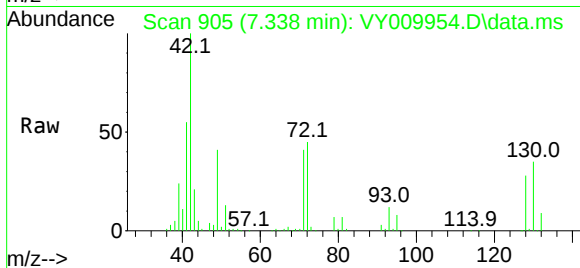
Tgt Ion: 42 Resp: 87964

Ion Ratio Lower Upper

42 100

72 44.2 34.6 52.0

71 41.7 32.7 49.1



#30

Chloroform

Concen: 80.890 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009954.D

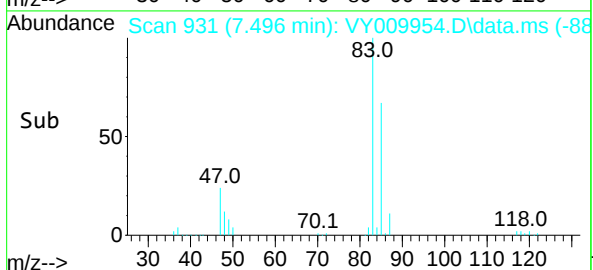
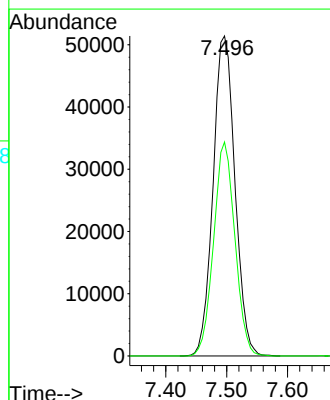
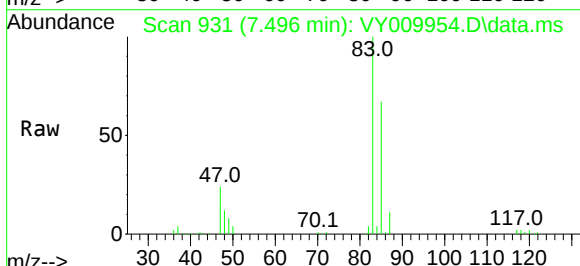
Acq: 10 Aug 2022 16:32

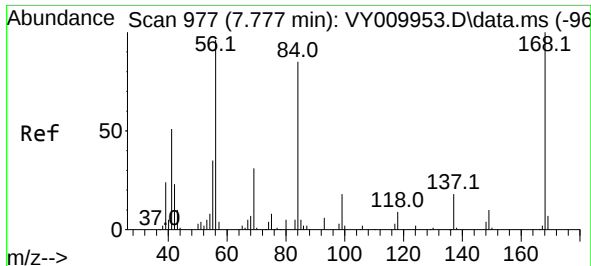
Tgt Ion: 83 Resp: 128261

Ion Ratio Lower Upper

83 100

85 66.9 50.5 75.7

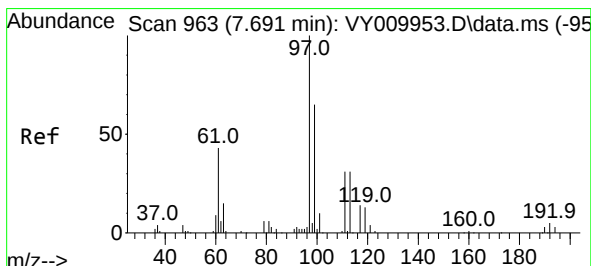
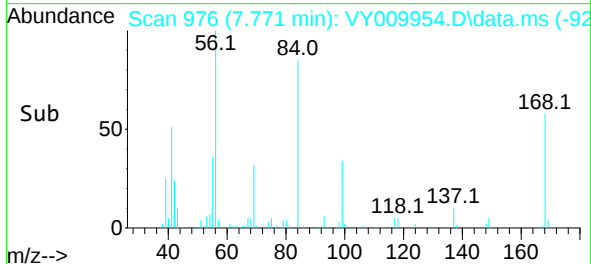
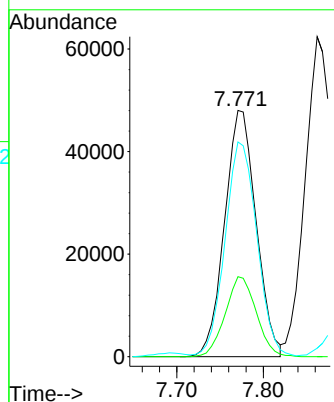
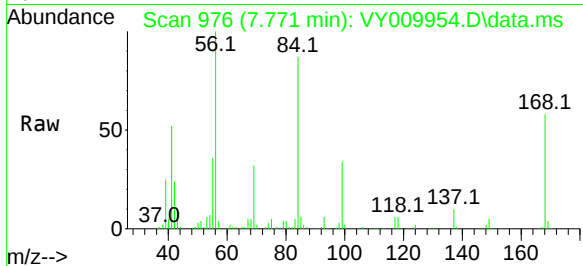




#31
Cyclohexane
Concen: 80.254 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

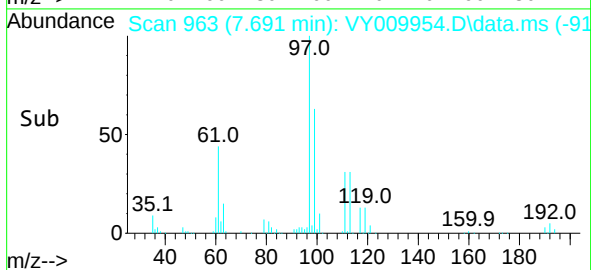
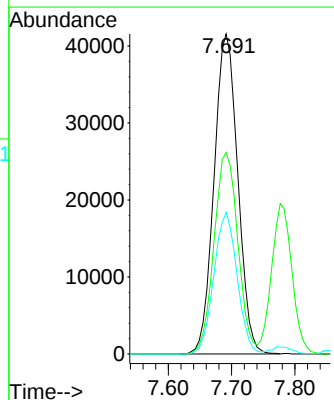
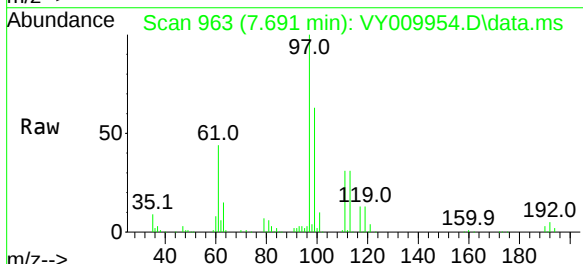
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

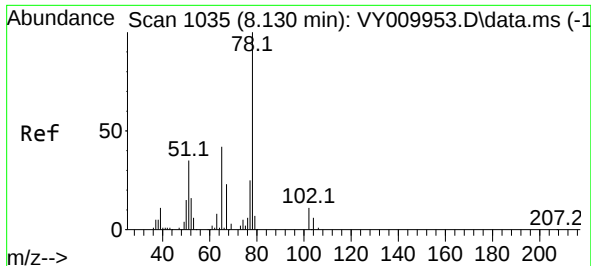
Tgt Ion: 56 Resp: 121455
Ion Ratio Lower Upper
56 100
69 32.5 26.0 39.0
84 86.0 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 80.928 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 97 Resp: 108138
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 43.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 61.026 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

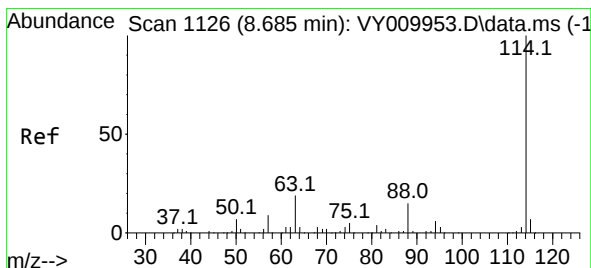
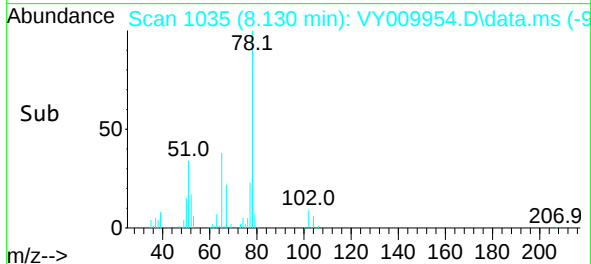
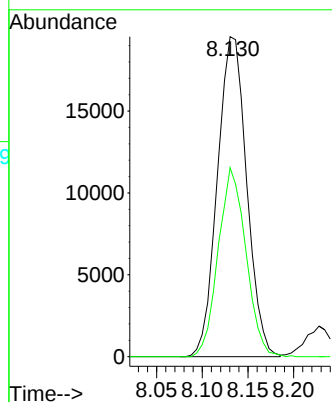
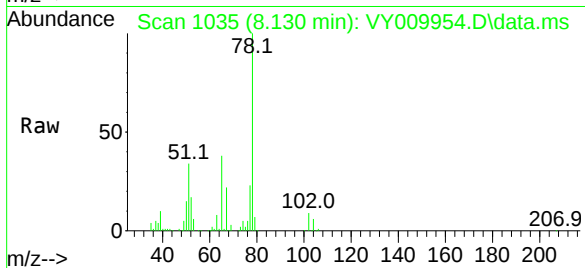
VSTDIC075

Tgt Ion: 65 Resp: 43569

Ion Ratio Lower Upper

65 100

67 55.8 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

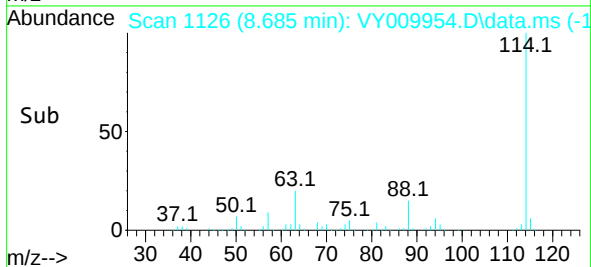
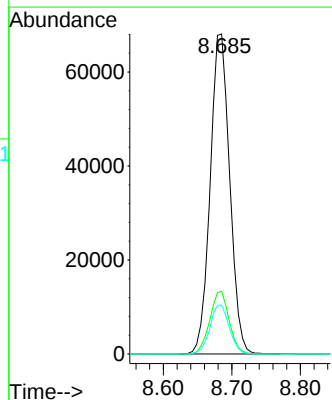
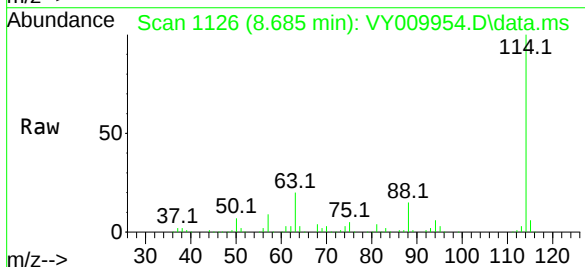
Tgt Ion: 114 Resp: 134826

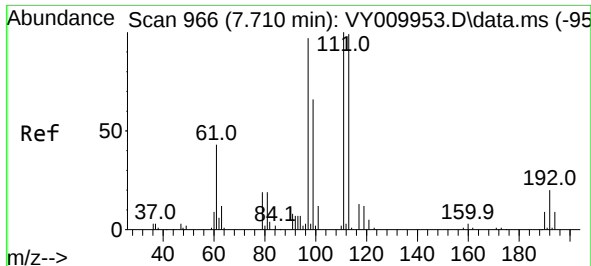
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.3 0.0 30.0

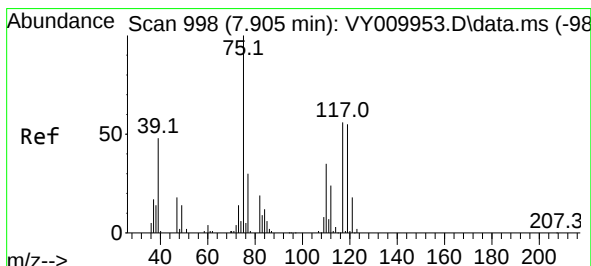
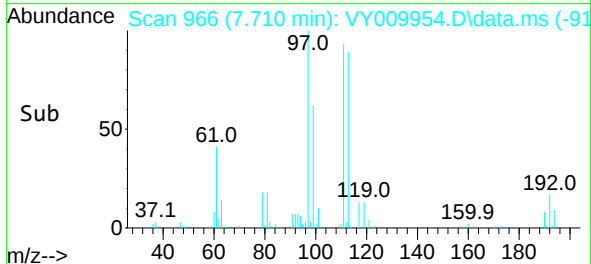
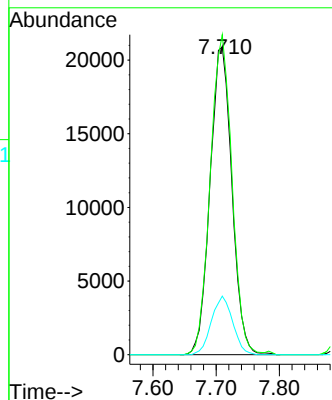
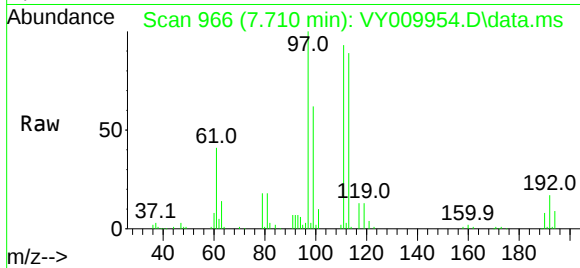




#35
Dibromofluoromethane
Concen: 68.077 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

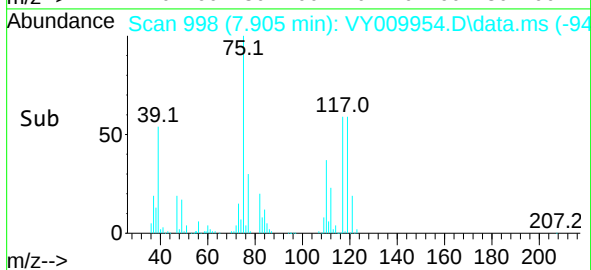
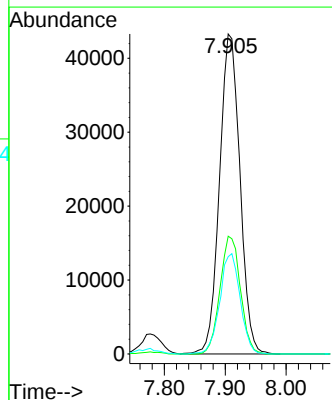
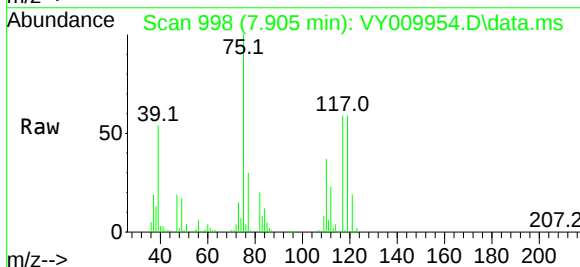
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

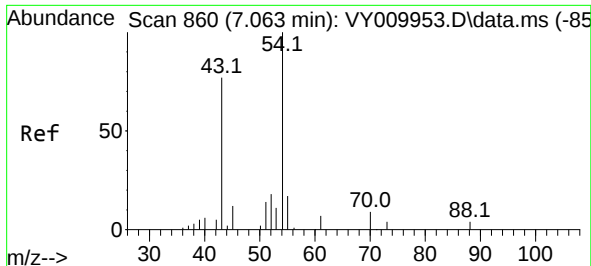
Tgt Ion:113 Resp: 50154
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 18.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 81.030 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 75 Resp: 100901
Ion Ratio Lower Upper
75 100
110 36.7 18.6 56.0
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 73.919 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

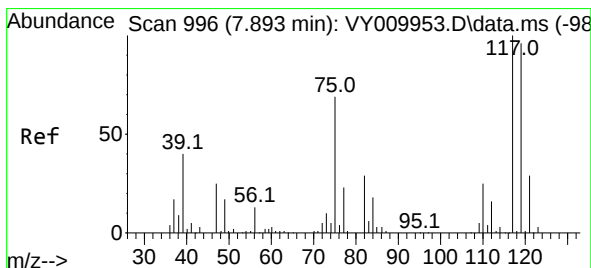
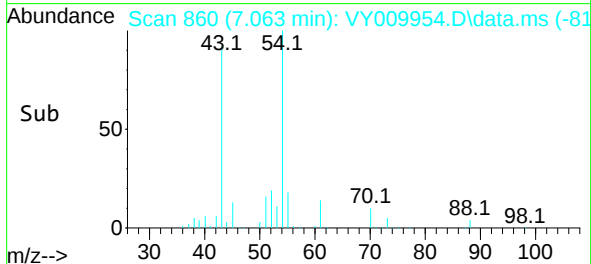
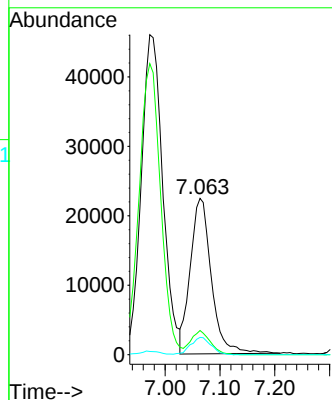
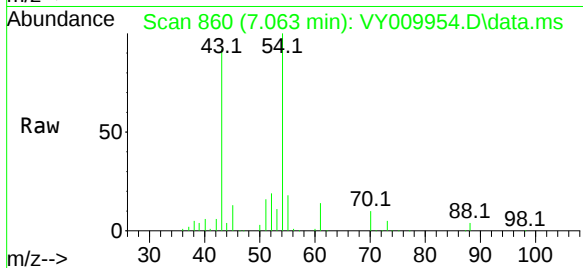
Tgt Ion: 43 Resp: 59884

Ion Ratio Lower Upper

43 100

61 14.1 11.2 16.8

70 10.8 8.4 12.6



#38

Carbon Tetrachloride

Concen: 78.061 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

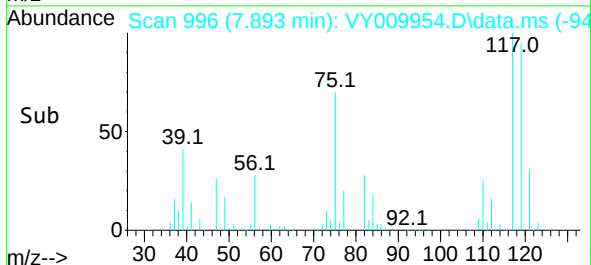
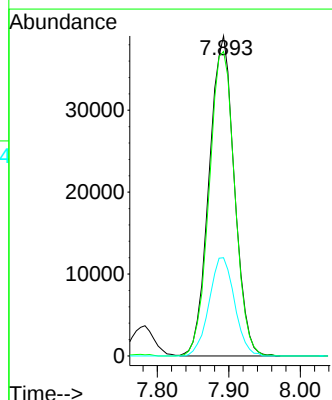
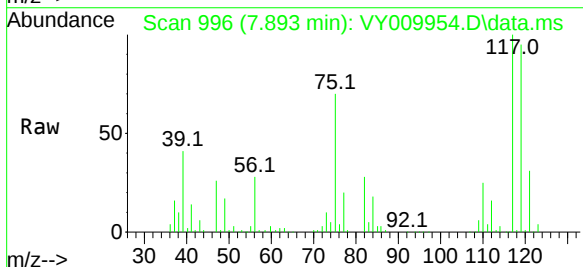
Tgt Ion: 117 Resp: 95820

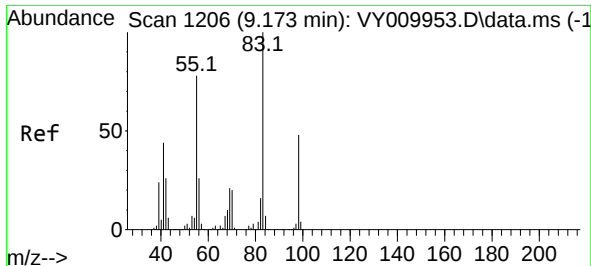
Ion Ratio Lower Upper

117 100

119 95.1 75.9 113.9

121 30.7 24.9 37.3

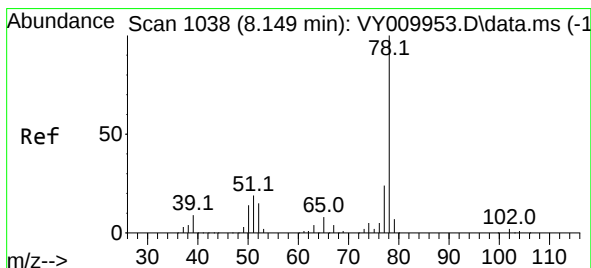
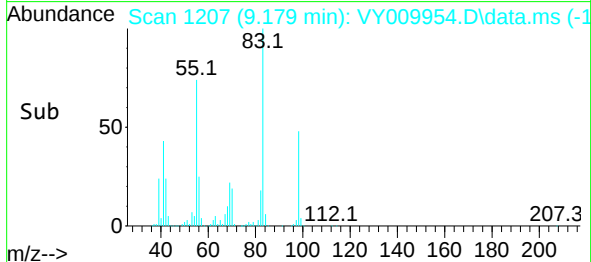
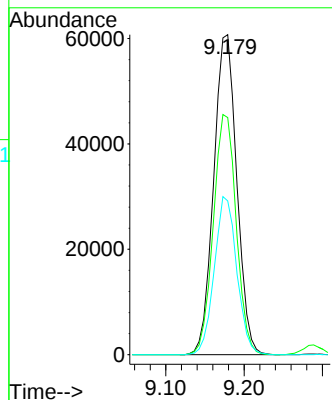
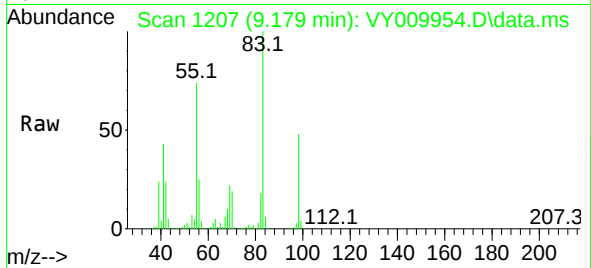




#39
Methylcyclohexane
Concen: 84.779 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

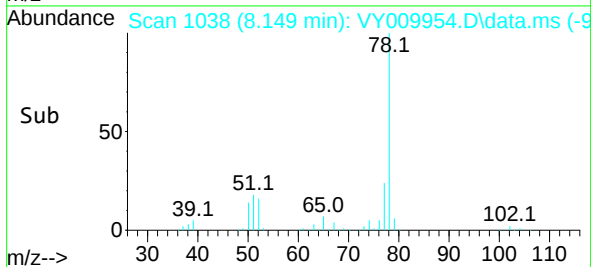
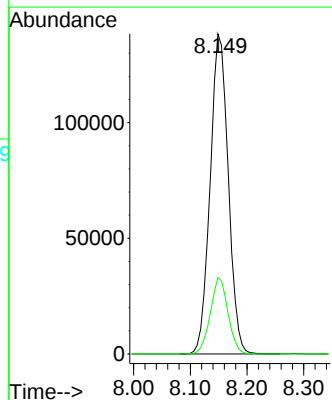
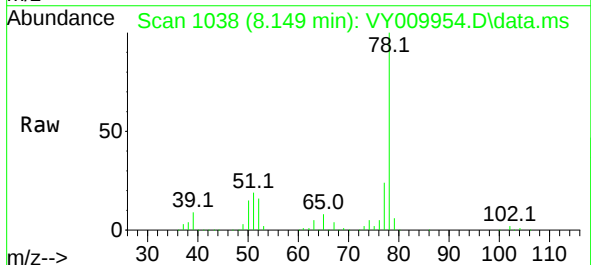
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

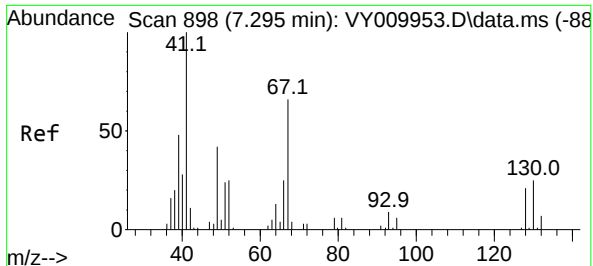
Tgt Ion: 83 Resp: 124469
Ion Ratio Lower Upper
83 100
55 74.1 56.7 85.1
98 48.0 39.9 59.9



#40
Benzene
Concen: 81.995 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 78 Resp: 306263
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0



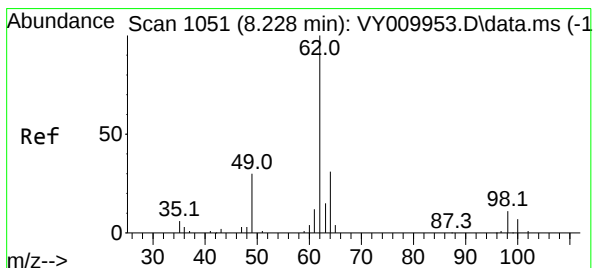
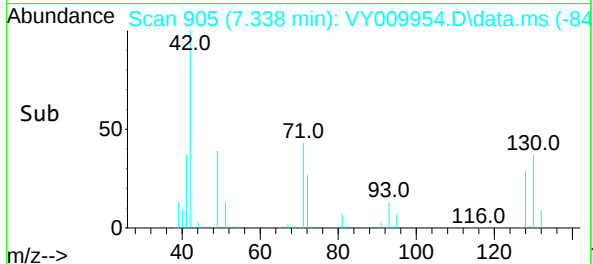
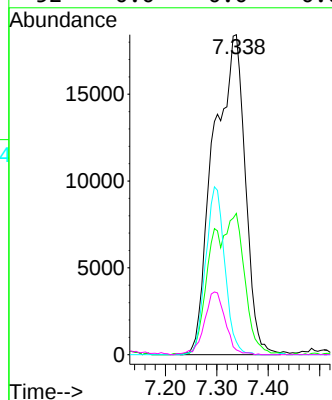
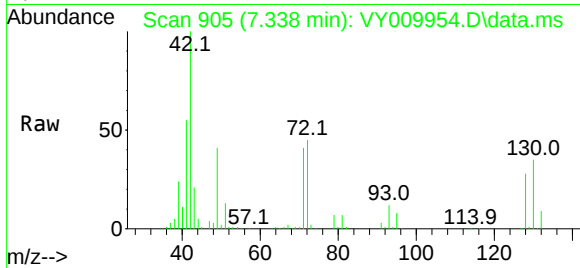


#41
Methacrylonitrile
Concen: 177.585 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.043 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tgt Ion: 41 Resp: 78722

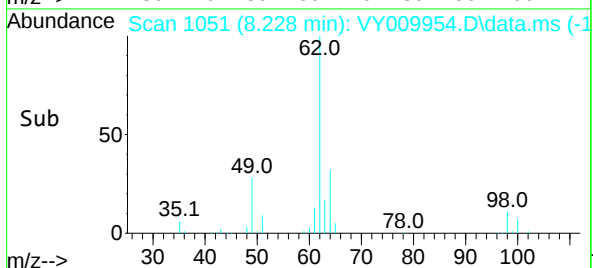
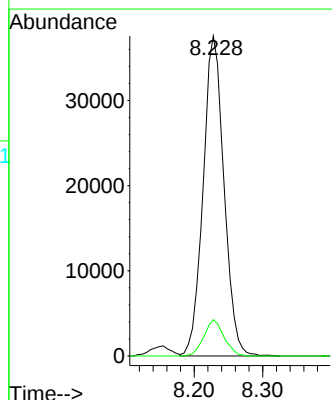
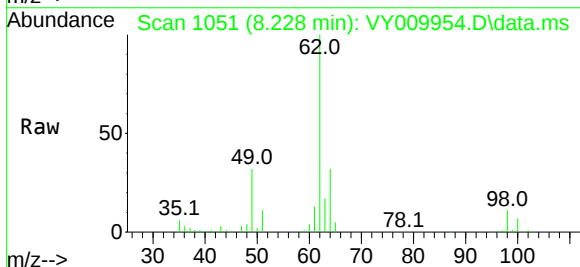
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

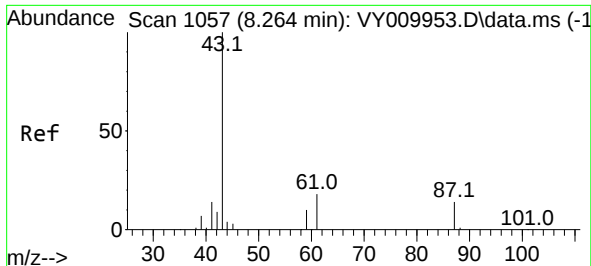


#42
1,2-Dichloroethane
Concen: 77.188 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 62 Resp: 79603

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6

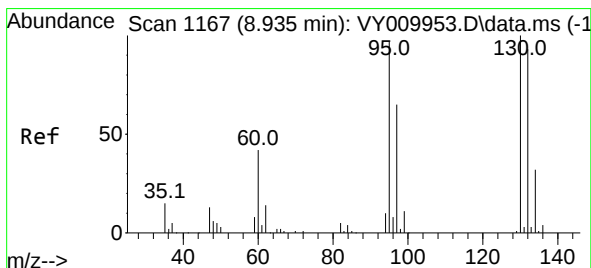
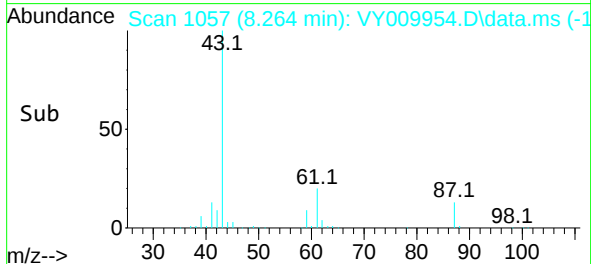
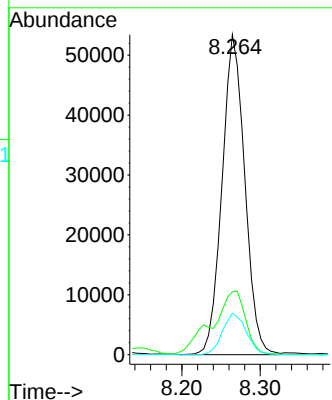
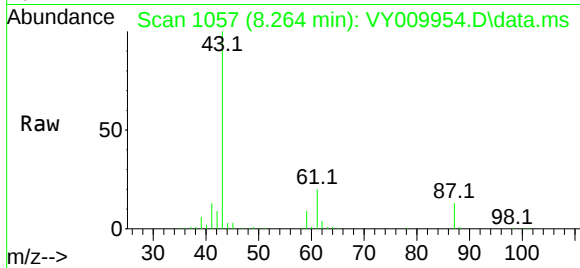




#43
Isopropyl Acetate
Concen: 75.144 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

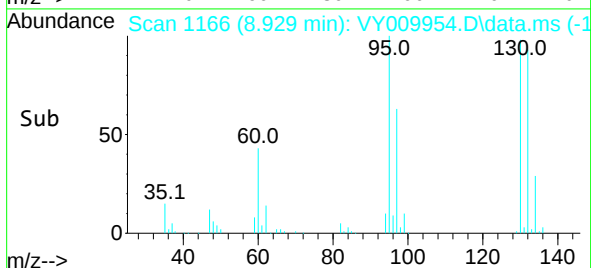
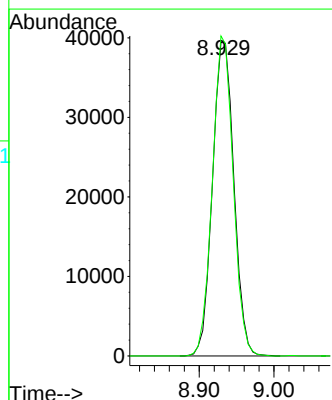
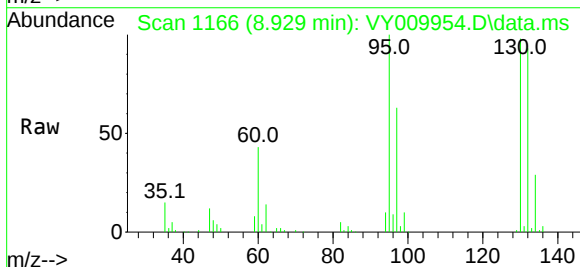
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

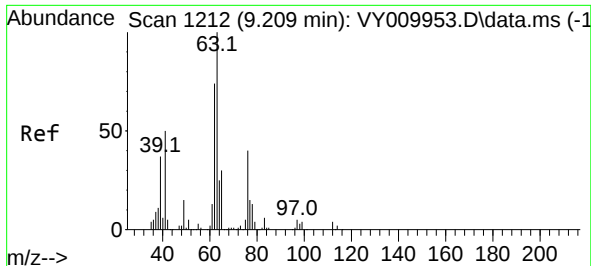
Tgt Ion: 43 Resp: 107912
Ion Ratio Lower Upper
43 100
61 29.5 23.6 35.4
87 13.5 11.3 16.9



#44
Trichloroethene
Concen: 81.365 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion:130 Resp: 78786
Ion Ratio Lower Upper
130 100
95 102.0 0.0 194.6





#45

1,2-Dichloropropane

Concen: 79.112 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

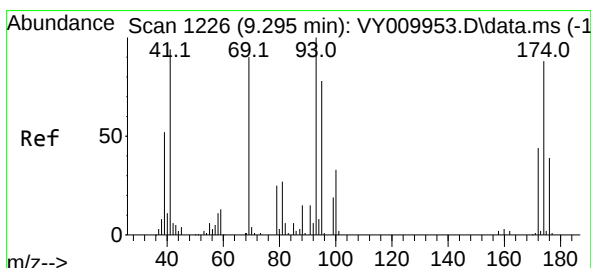
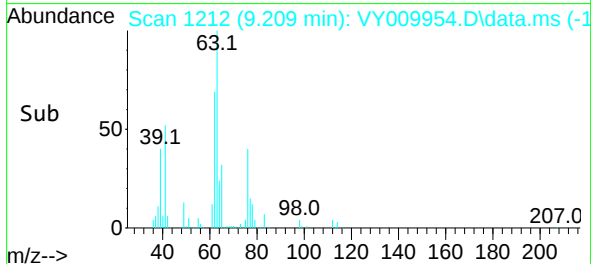
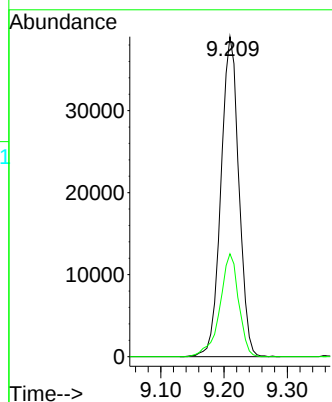
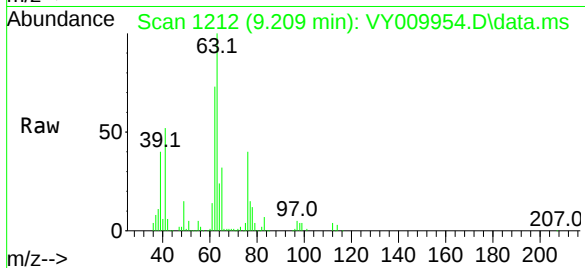
VSTDIC075

Tgt Ion: 63 Resp: 76490

Ion Ratio Lower Upper

63 100

65 32.1 23.7 35.5



#46

Dibromomethane

Concen: 79.829 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

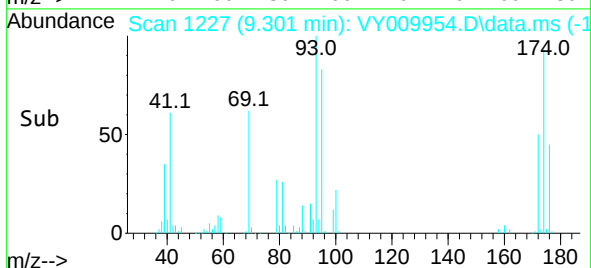
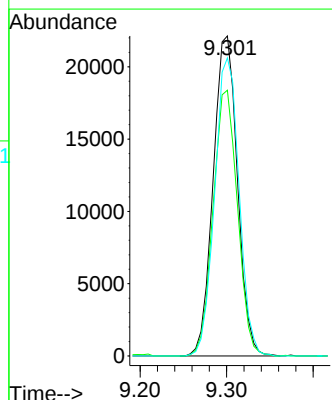
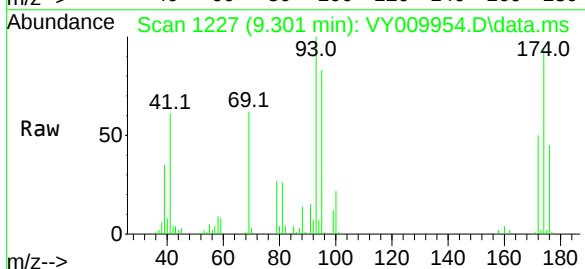
Tgt Ion: 93 Resp: 43081

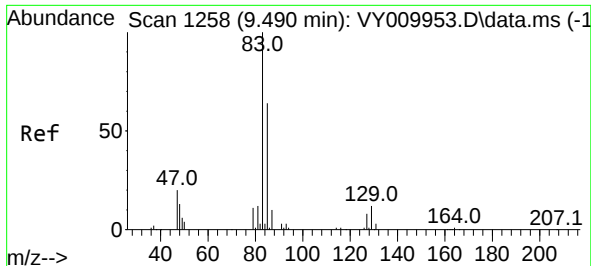
Ion Ratio Lower Upper

93 100

95 83.3 66.3 99.5

174 93.6 80.6 120.8

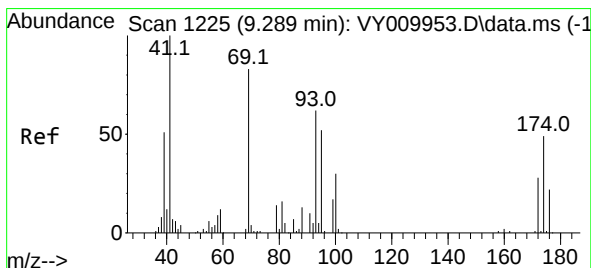
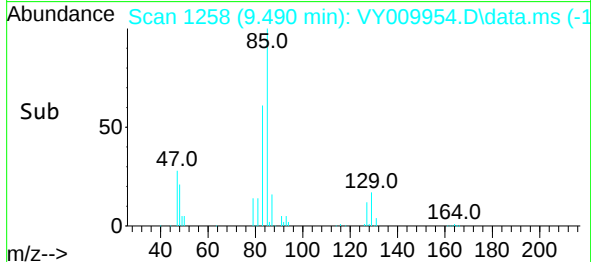
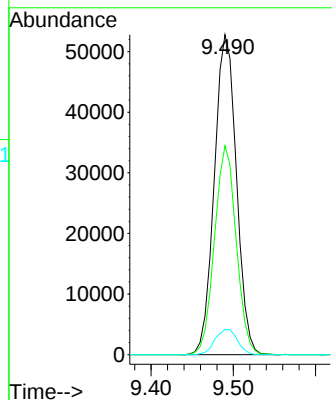
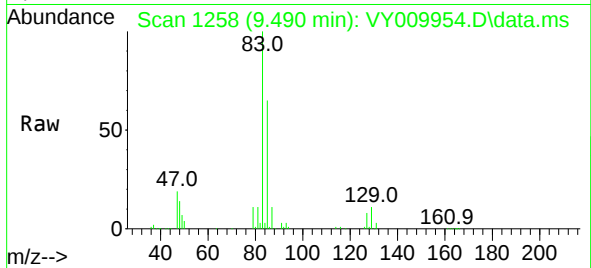




#47
Bromodichloromethane
Concen: 79.655 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

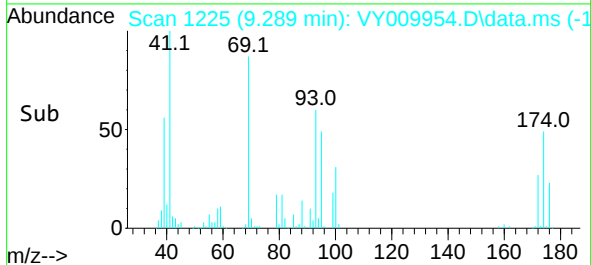
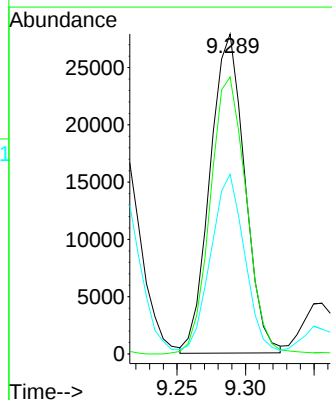
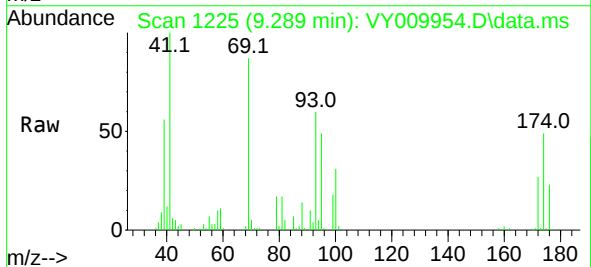
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC075

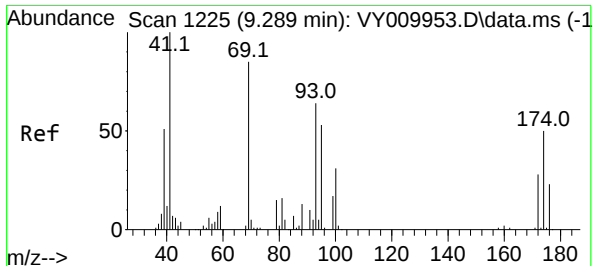
Tgt Ion: 83 Resp: 98582
Ion Ratio Lower Upper
83 100
85 65.3 51.2 76.8
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 76.966 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 41 Resp: 49230
Ion Ratio Lower Upper
41 100
69 90.0 73.2 109.8
39 52.8 47.5 71.3





#49

1,4-Dioxane

Concen: 1508.700 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

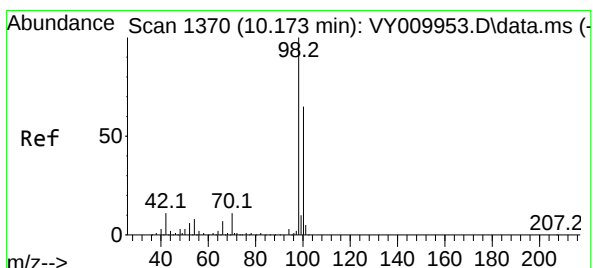
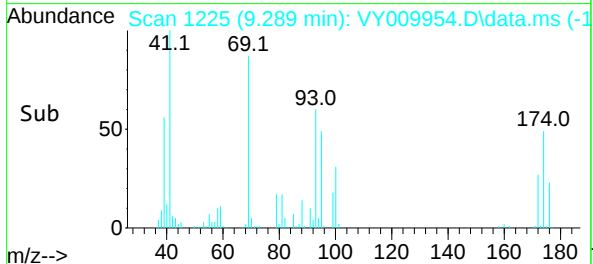
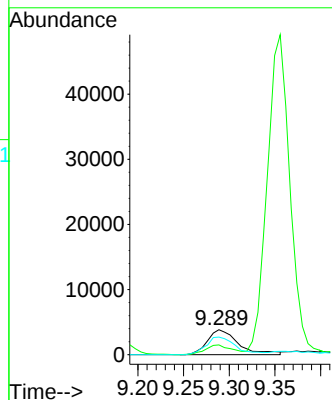
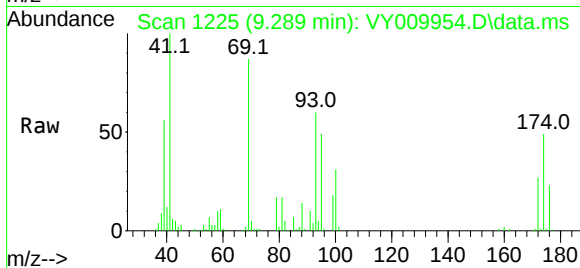
Tgt Ion: 88 Resp: 9043

Ion Ratio Lower Upper

88 100

43 33.0 26.3 39.5

58 67.7 52.6 79.0



#50

Toluene-d8

Concen: 60.944 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009954.D

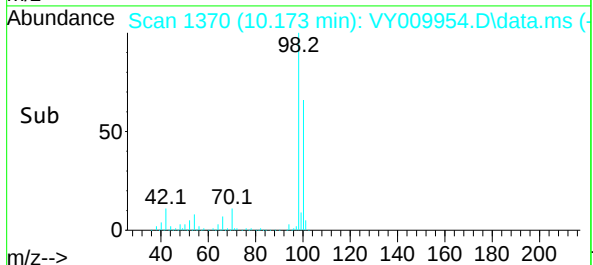
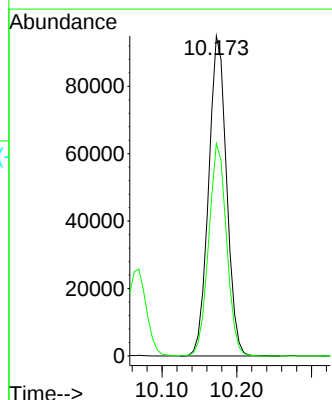
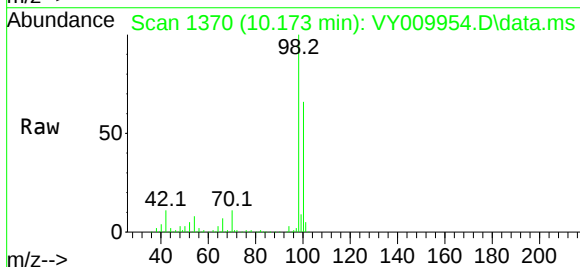
Acq: 10 Aug 2022 16:32

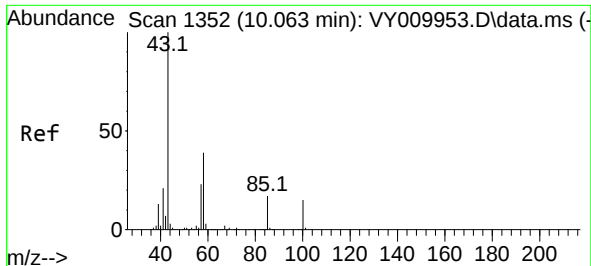
Tgt Ion: 98 Resp: 158552

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3

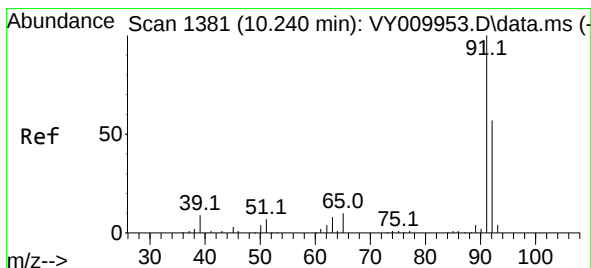
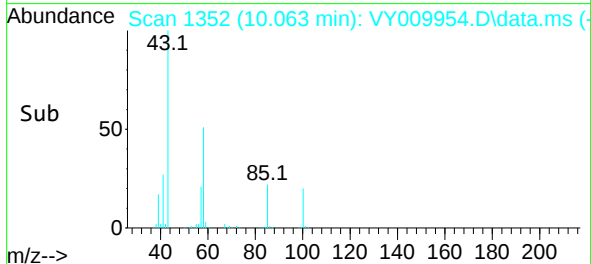
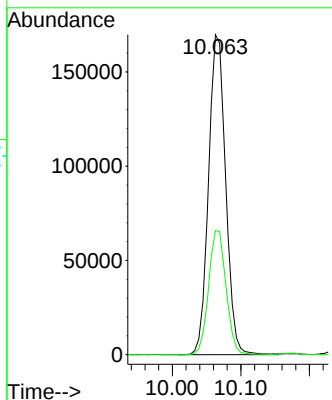
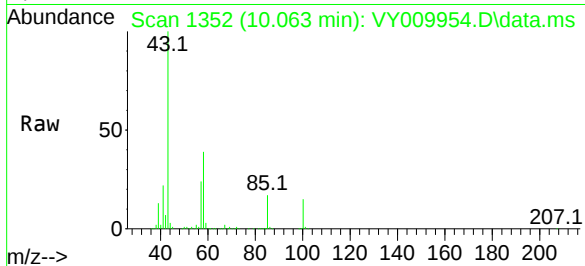




#51
4-Methyl-2-Pentanone
Concen: 371.513 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

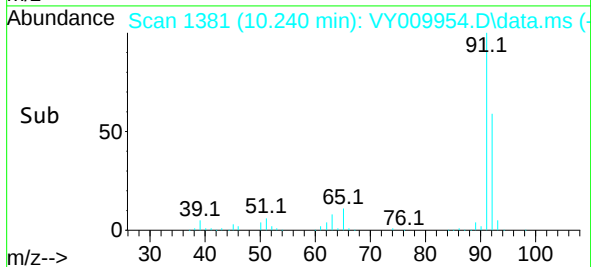
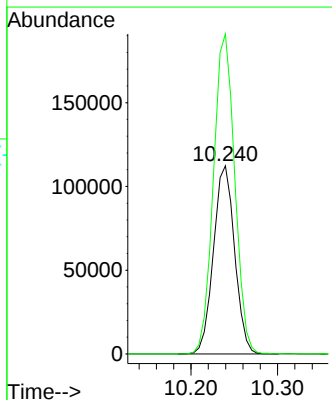
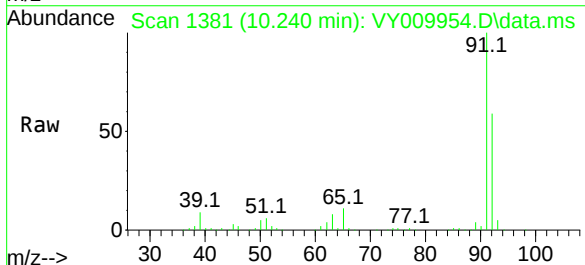
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

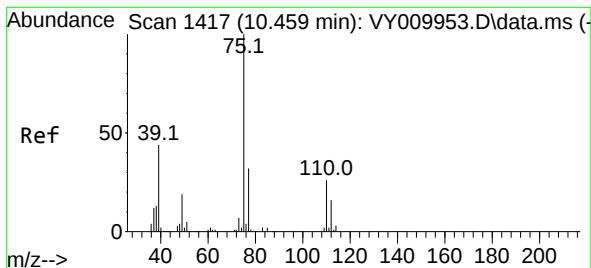
Tgt Ion: 43 Resp: 294846
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3



#52
Toluene
Concen: 82.196 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 92 Resp: 190641
Ion Ratio Lower Upper
92 100
91 171.0 138.7 208.1

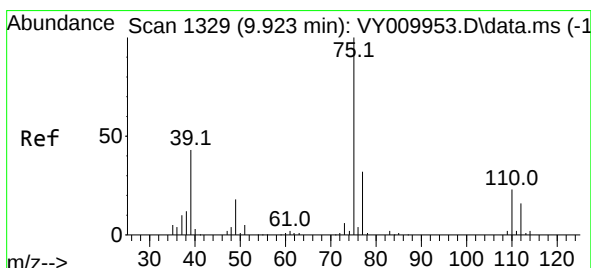
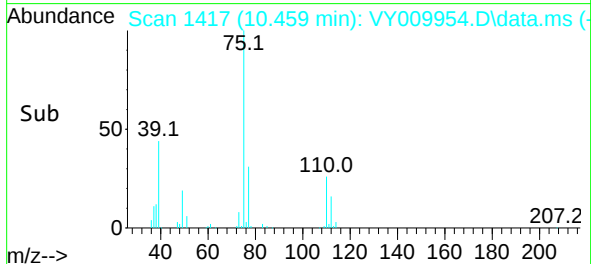
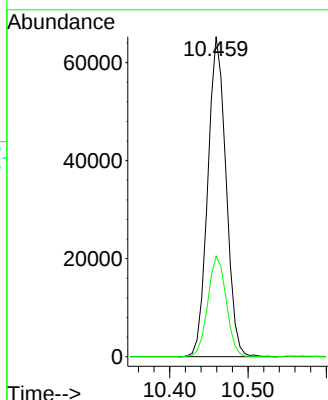
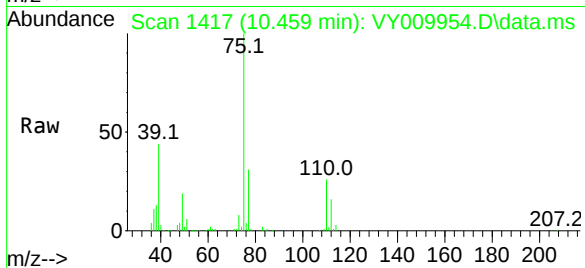




#53
t-1,3-Dichloropropene
Concen: 81.191 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

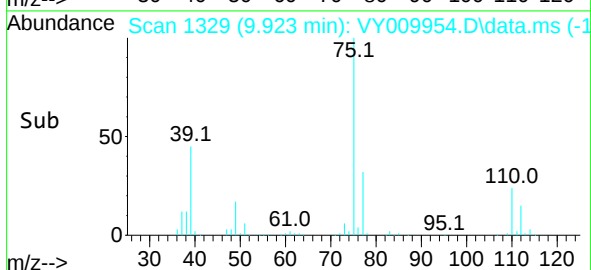
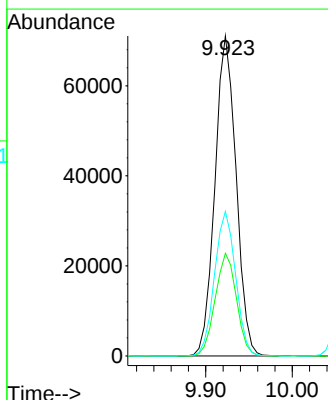
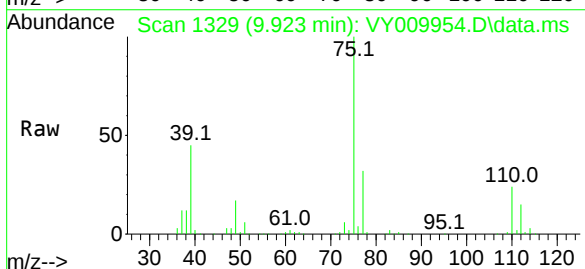
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

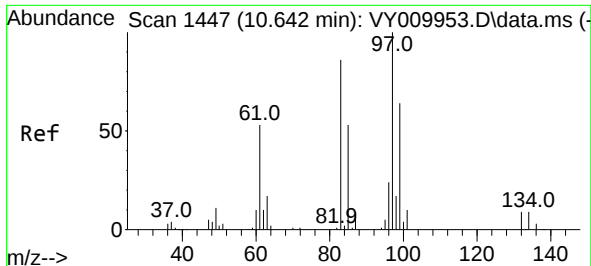
Tgt Ion: 75 Resp: 105391
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 81.421 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 75 Resp: 120711
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 45.1 35.8 53.8

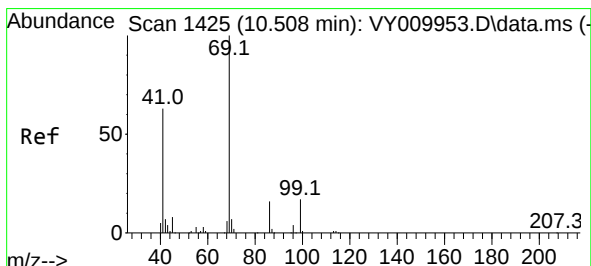
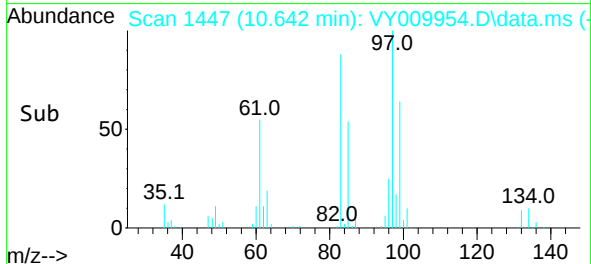
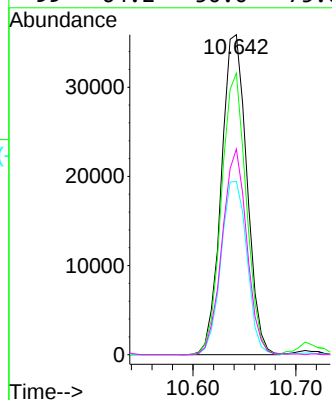
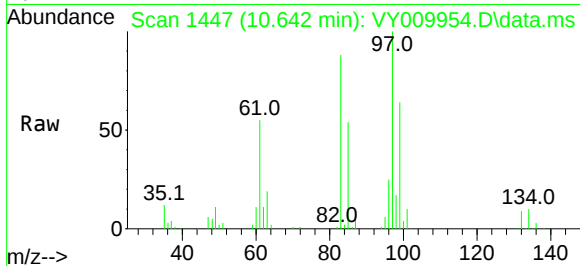




#55
1,1,2-Trichloroethane
Concen: 79.628 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

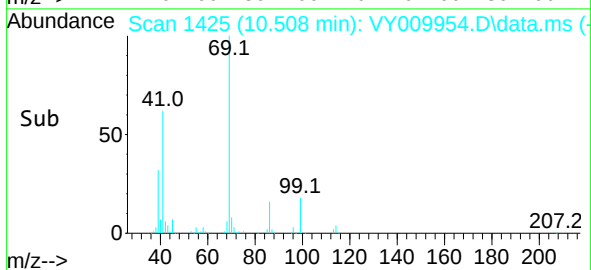
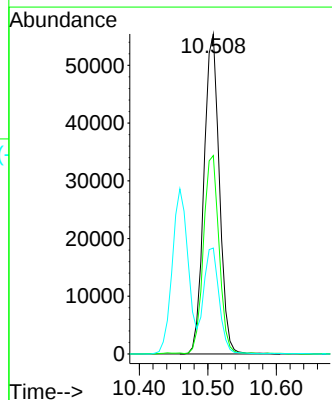
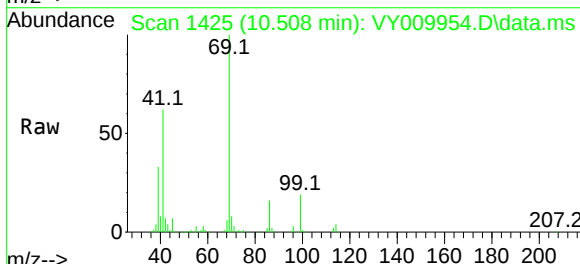
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

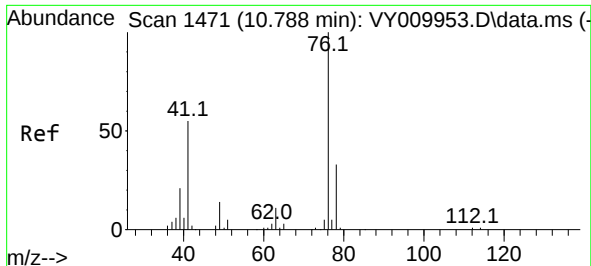
Tgt Ion:	97	Resp:	61981
Ion	Ratio	Lower	Upper
97	100		
83	87.9	66.9	100.3
85	54.2	44.2	66.4
99	64.2	50.0	75.0



#56
Ethyl methacrylate
Concen: 86.652 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion:	69	Resp:	86850
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.4	75.6
39	33.0	27.6	41.4





#57

1,3-Dichloropropane

Concen: 79.567 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

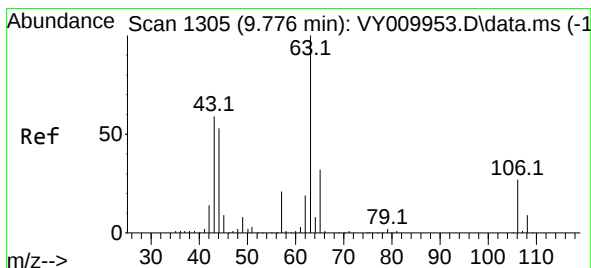
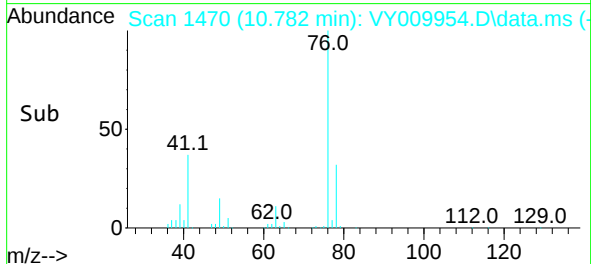
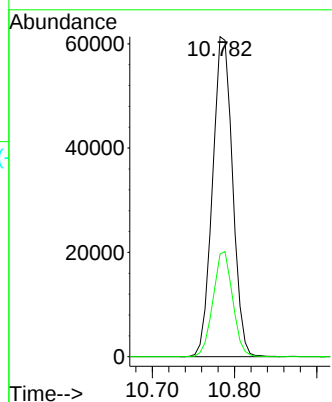
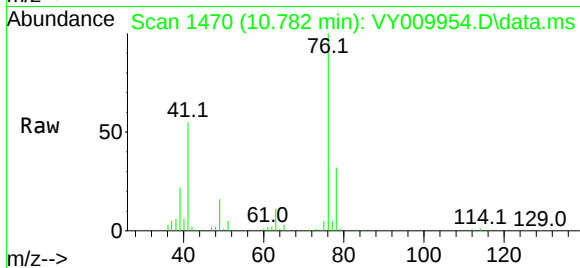
VSTDIC075

Tgt Ion: 76 Resp: 103832

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 448.447 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009954.D

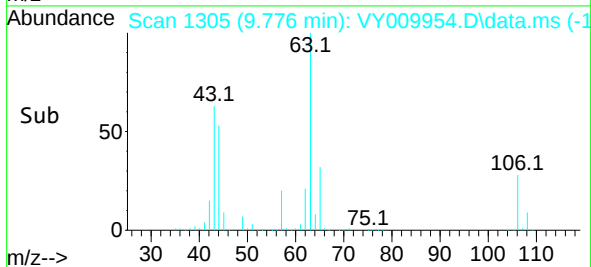
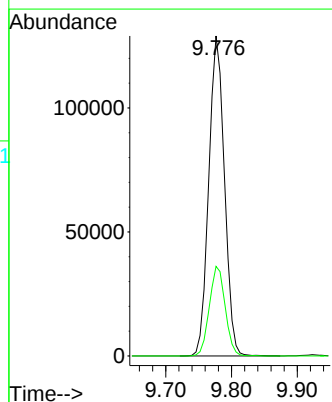
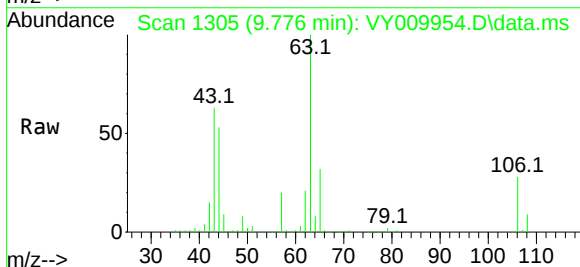
Acq: 10 Aug 2022 16:32

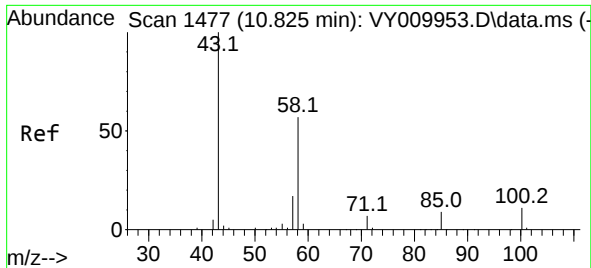
Tgt Ion: 63 Resp: 214370

Ion Ratio Lower Upper

63 100

106 28.2 23.3 34.9

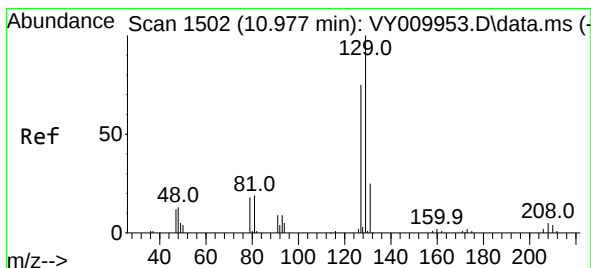
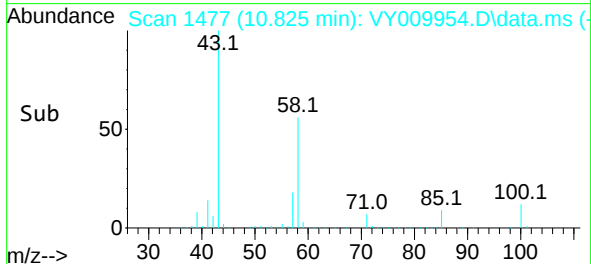
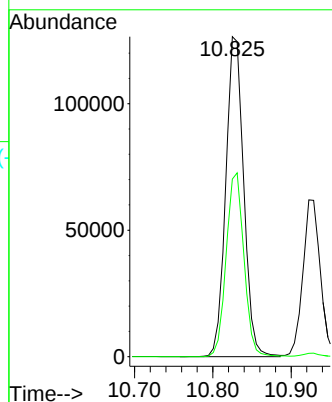
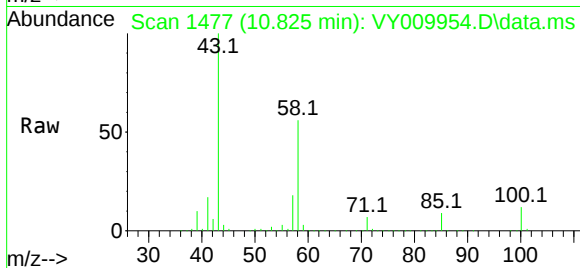




#59
2-Hexanone
Concen: 373.799 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

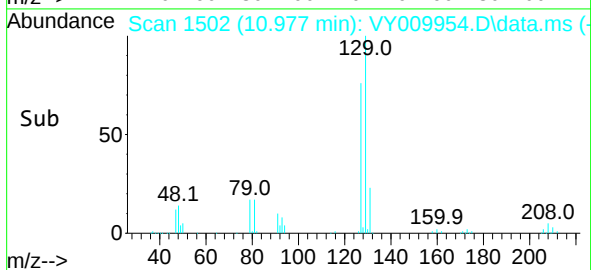
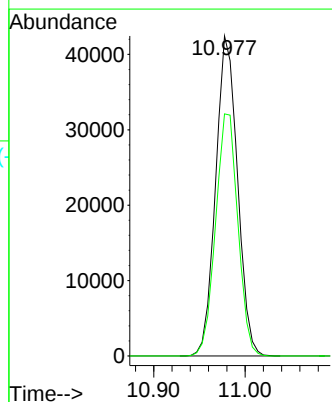
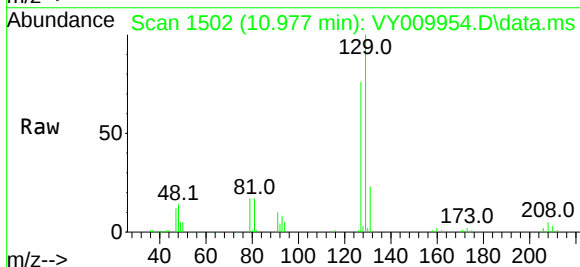
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

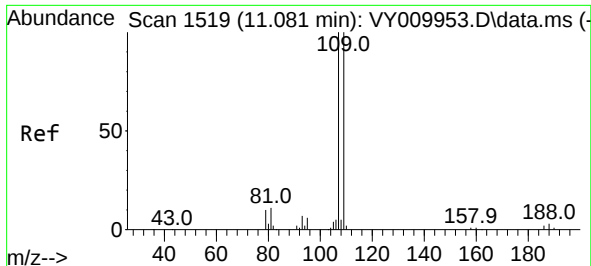
Tgt Ion: 43 Resp: 201496
Ion Ratio Lower Upper
43 100
58 57.0 27.6 82.8



#60
Dibromochloromethane
Concen: 78.528 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion:129 Resp: 70409
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

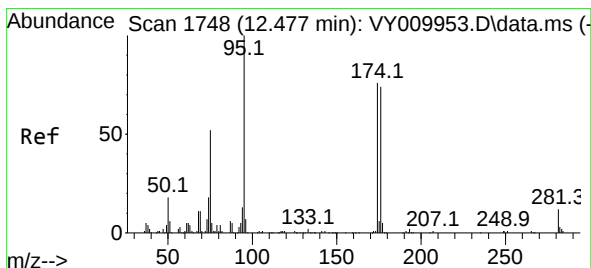
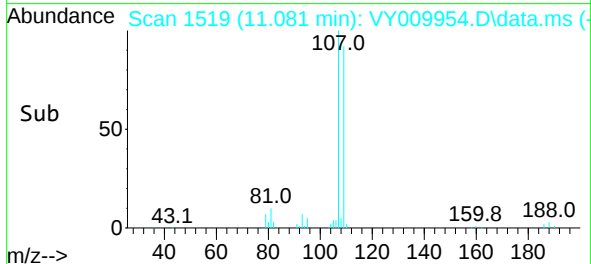
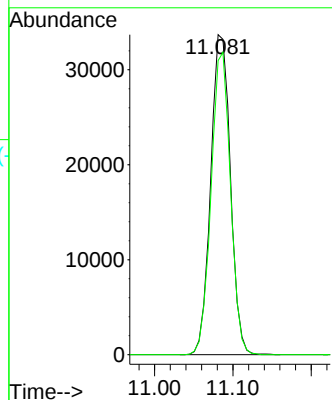
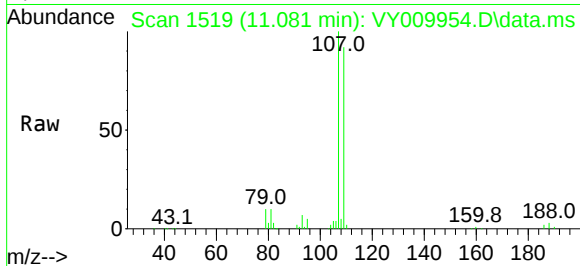




#61
1,2-Dibromoethane
Concen: 79.645 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

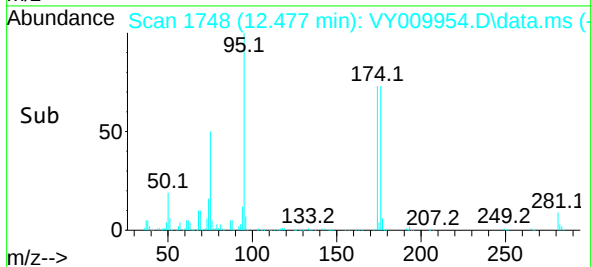
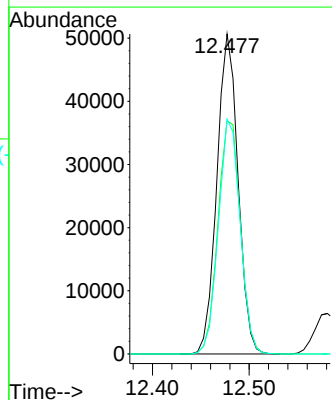
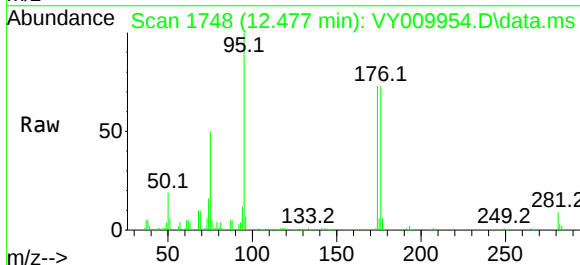
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

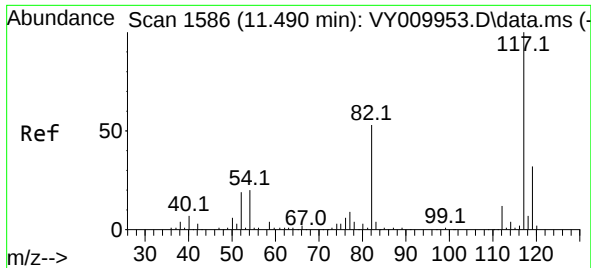
Tgt Ion:107 Resp: 58751
Ion Ratio Lower Upper
107 100
109 93.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 74.318 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 95 Resp: 76869
Ion Ratio Lower Upper
95 100
174 77.2 0.0 173.8
176 75.1 0.0 167.0

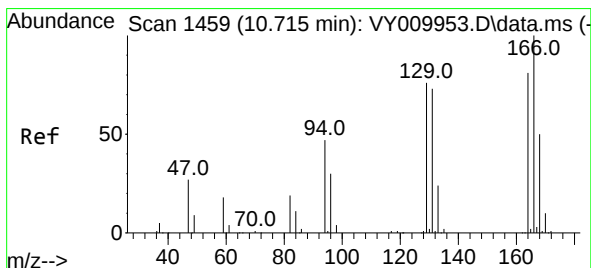
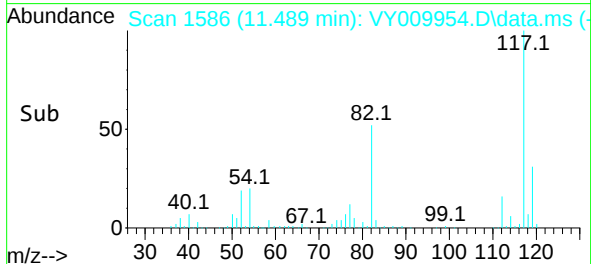
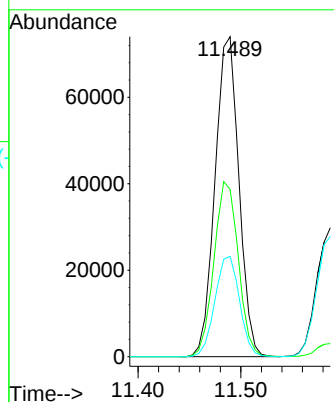
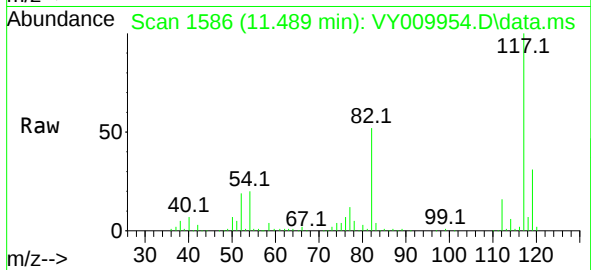




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

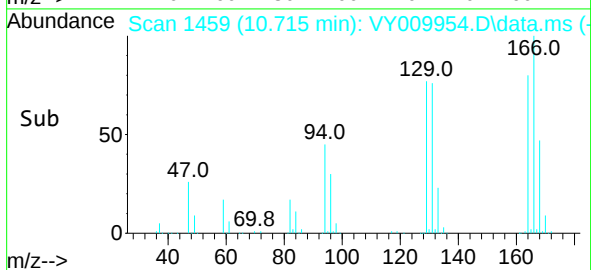
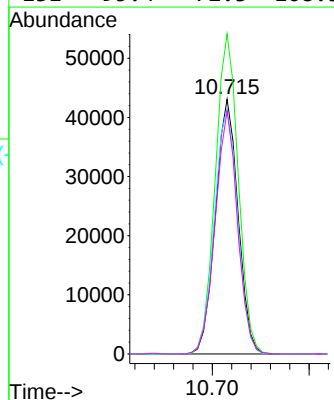
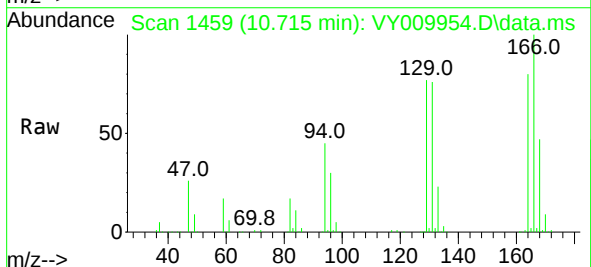
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

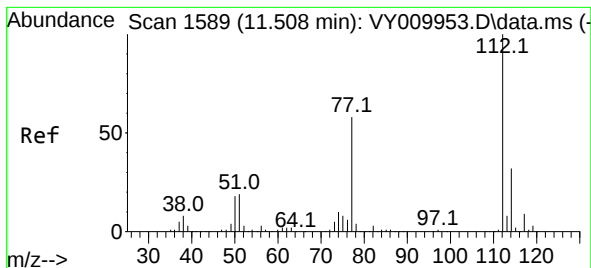
Tgt Ion:117 Resp: 119246
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.6
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: 79.335 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion:164 Resp: 70062
Ion Ratio Lower Upper
164 100
166 125.7 104.9 157.3
129 96.2 76.5 114.7
131 95.4 72.3 108.5





#65

Chlorobenzene

Concen: 82.026 ug/l

RT: 11.514 min Scan# 112

Delta R.T. 0.006 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

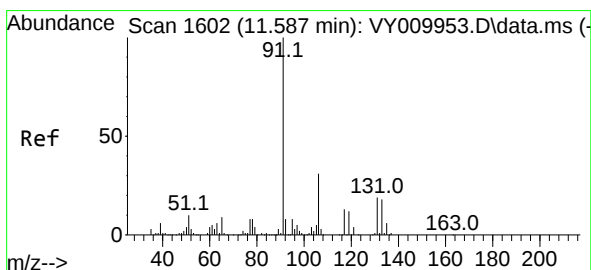
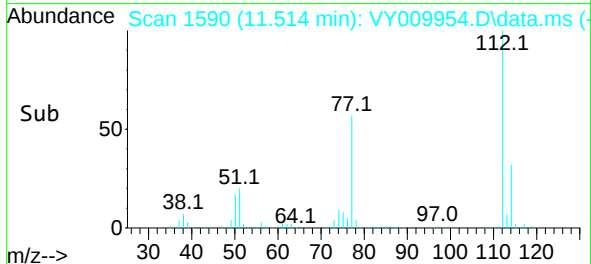
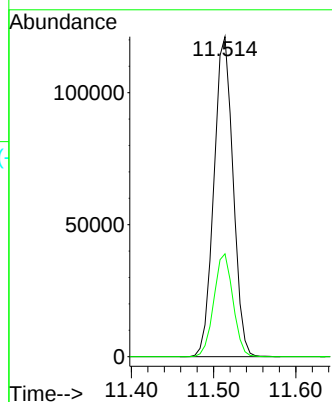
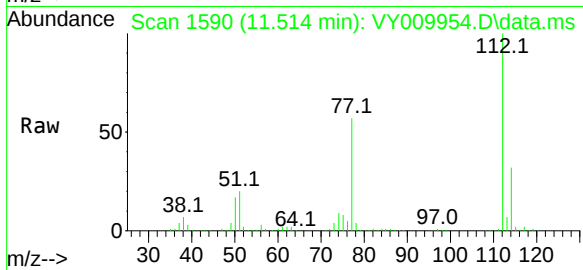
VSTDIC075

Tgt Ion:112 Resp: 195952

Ion Ratio Lower Upper

112 100

114 32.1 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 80.384 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

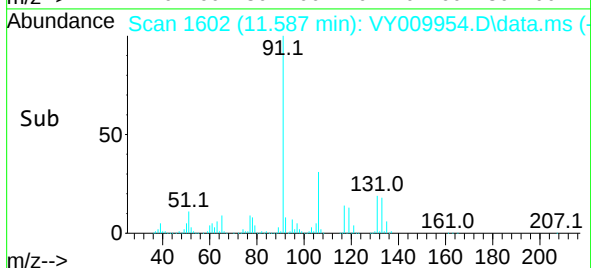
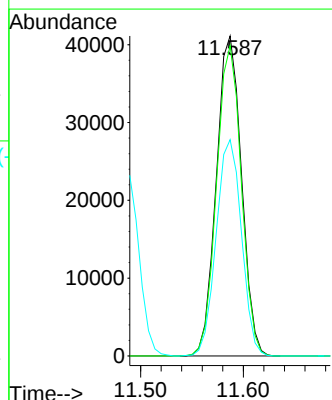
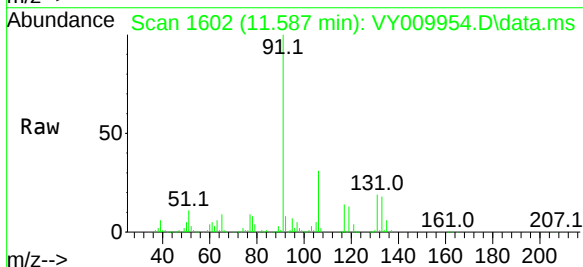
Tgt Ion:131 Resp: 69876

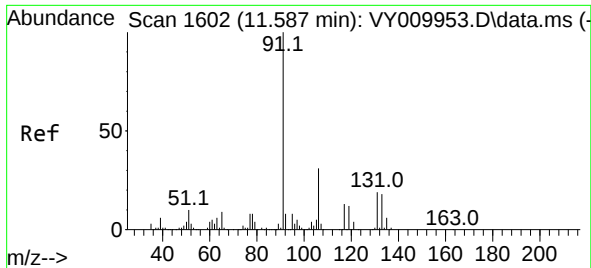
Ion Ratio Lower Upper

131 100

133 95.2 47.3 142.0

119 67.9 32.1 96.3

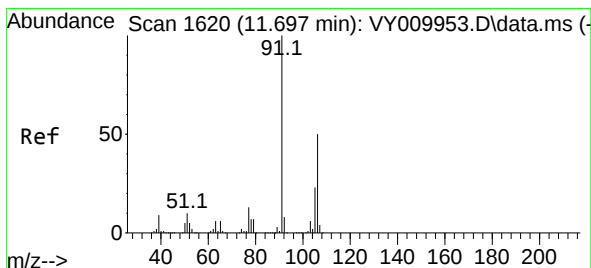
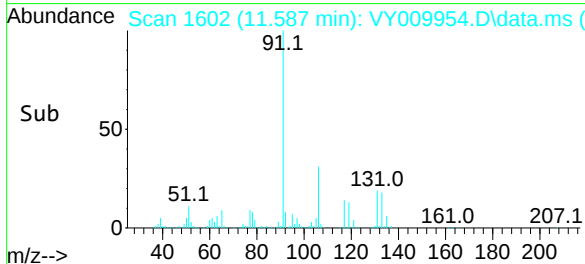
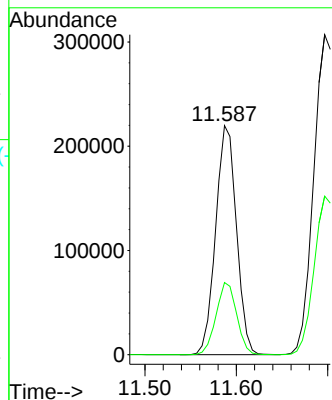
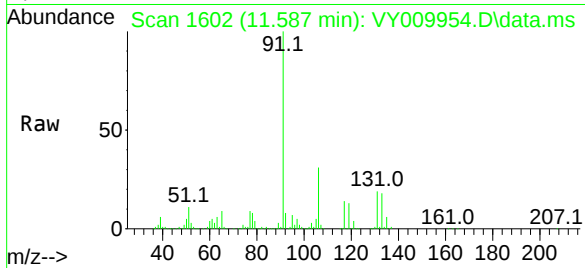




#67
Ethyl Benzene
Concen: 83.368 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

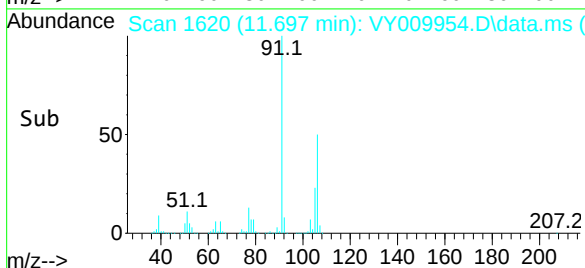
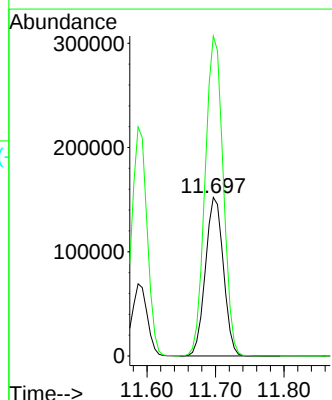
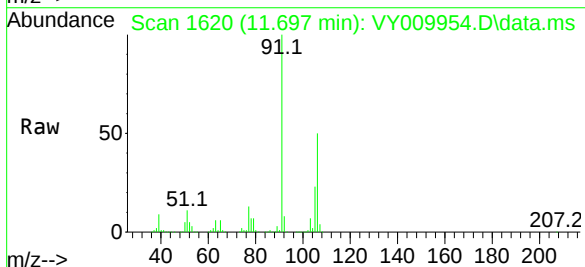
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

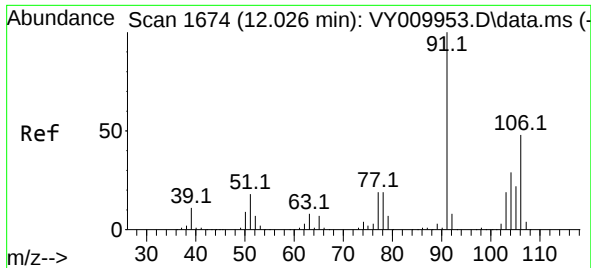
Tgt Ion: 91 Resp: 347935
Ion Ratio Lower Upper
91 100
106 31.5 26.2 39.4



#68
m/p-Xylenes
Concen: 171.879 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 106 Resp: 277300
Ion Ratio Lower Upper
106 100
91 203.0 156.2 234.2

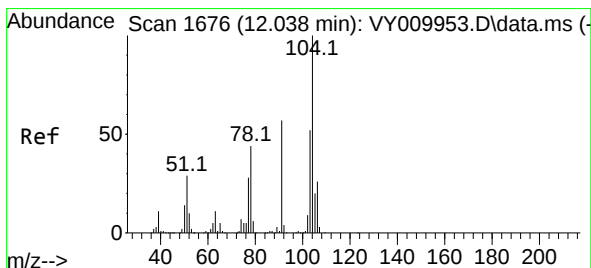
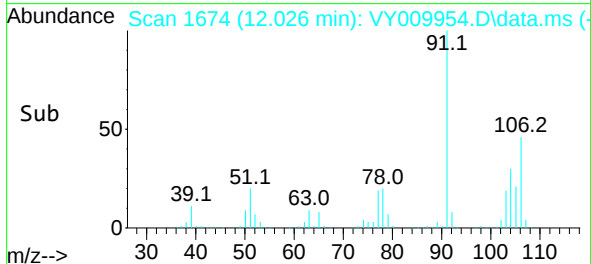
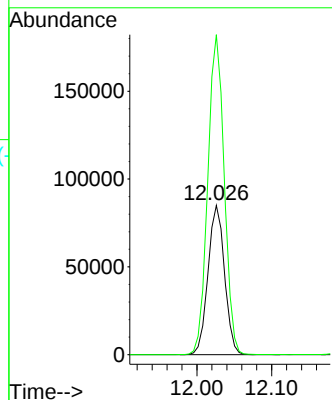
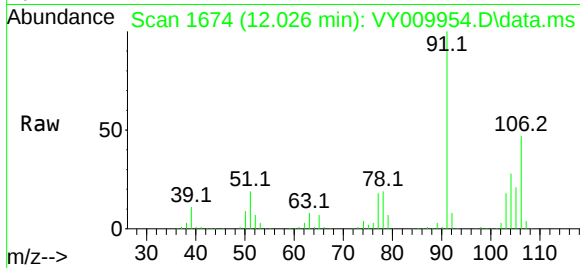




#69
o-Xylene
Concen: 86.751 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

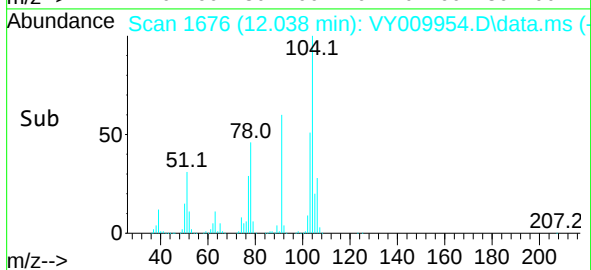
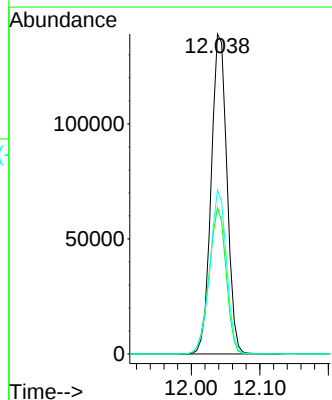
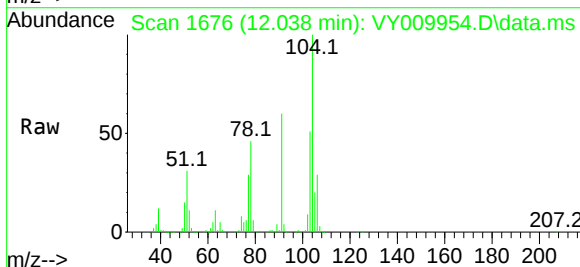
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

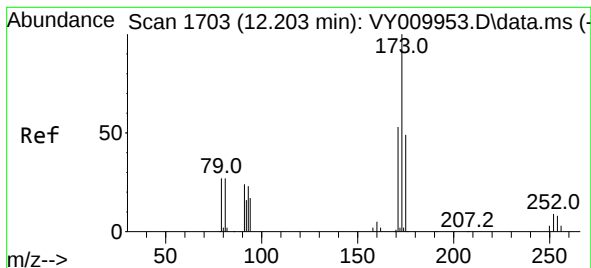
Tgt Ion:106 Resp: 130491
Ion Ratio Lower Upper
106 100
91 213.6 103.2 309.4



#70
Styrene
Concen: 86.144 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion:104 Resp: 223187
Ion Ratio Lower Upper
104 100
78 49.4 38.6 57.8
103 54.0 43.3 64.9





#71

Bromoform

Concen: 81.070 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

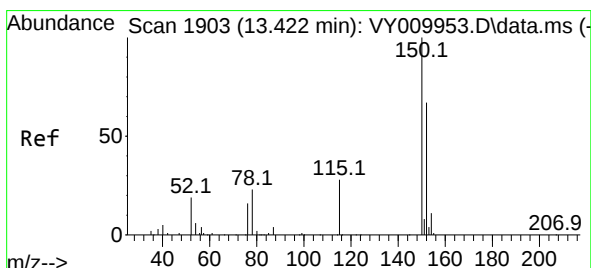
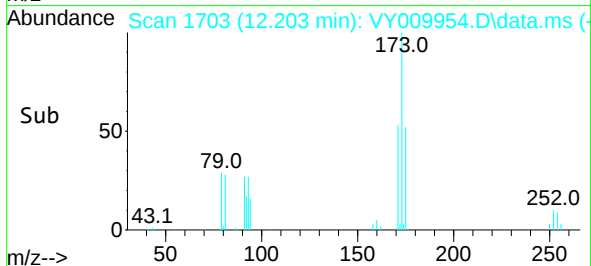
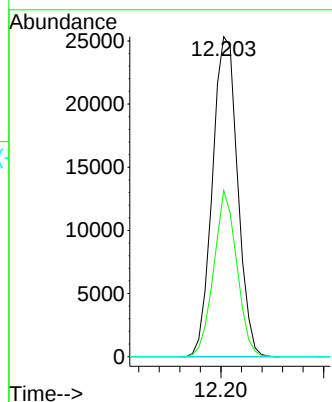
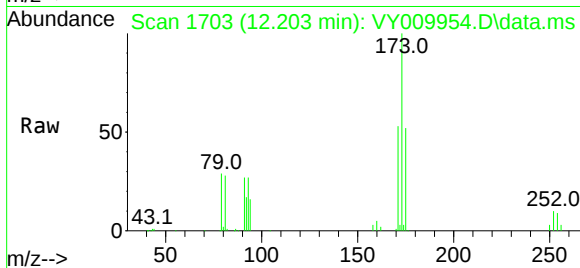
Tgt Ion:173 Resp: 43054

Ion Ratio Lower Upper

173 100

175 47.6 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

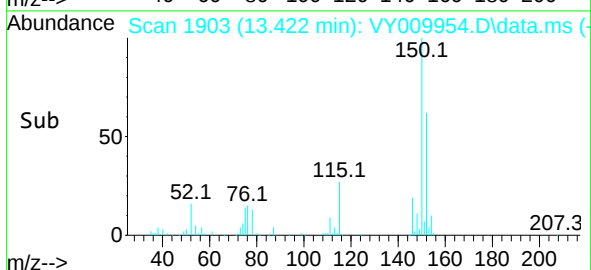
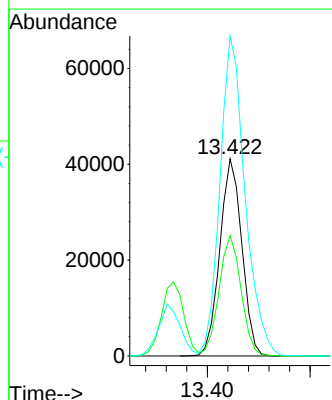
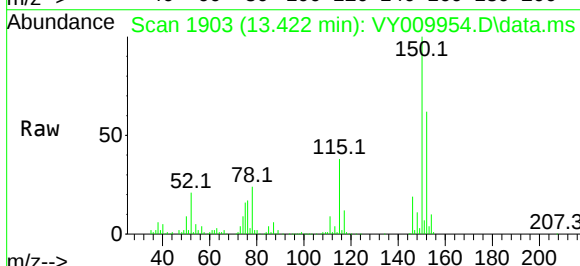
Tgt Ion:152 Resp: 61120

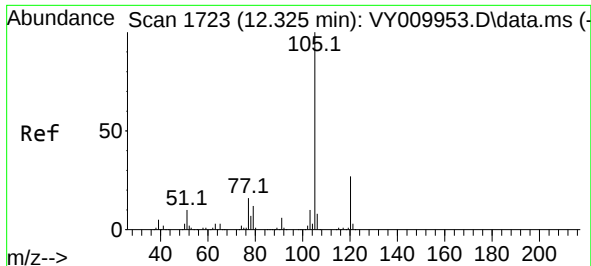
Ion Ratio Lower Upper

152 100

115 61.0 28.6 85.9

150 184.8 0.0 349.8

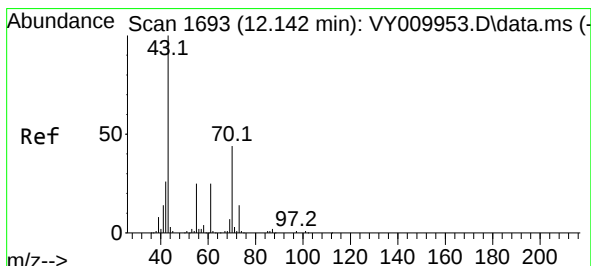
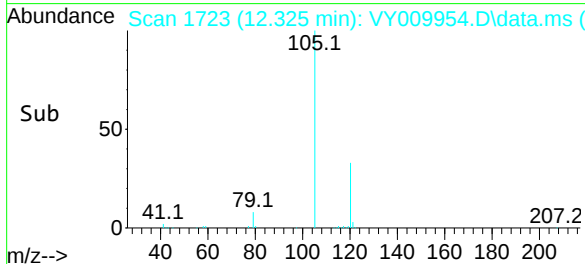
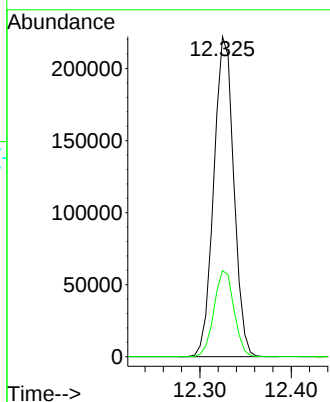
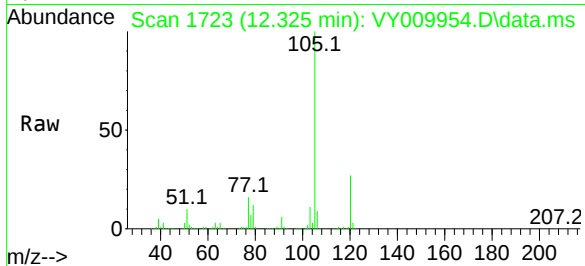




#73
Isopropylbenzene
Concen: 81.207 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

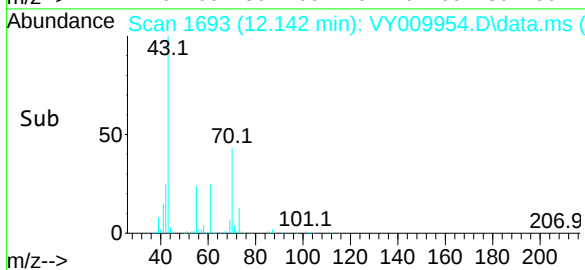
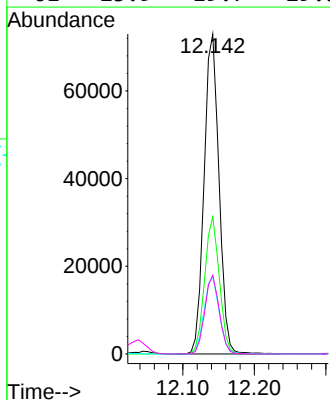
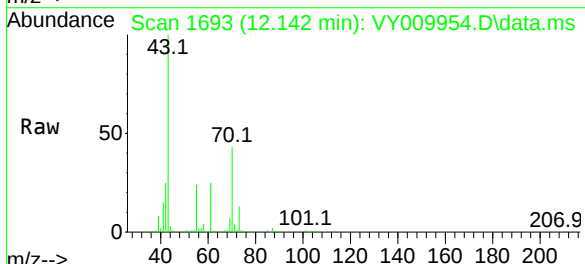
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

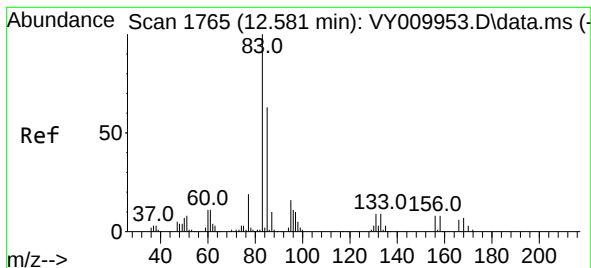
Tgt Ion:105 Resp: 337074
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.1



#74
N-ethyl acetate
Concen: 79.862 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 43 Resp: 105946
Ion Ratio Lower Upper
43 100
70 42.3 35.6 53.4
55 24.6 19.5 29.3
61 23.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 76.379 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

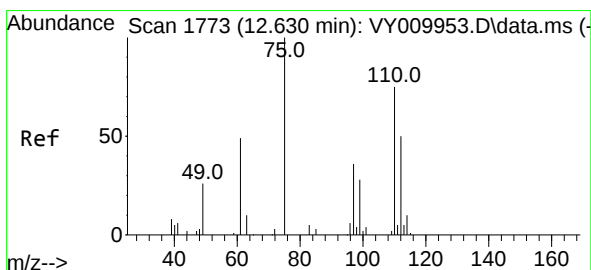
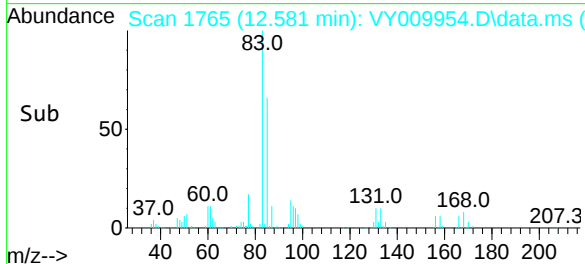
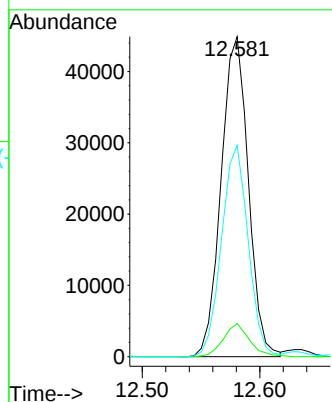
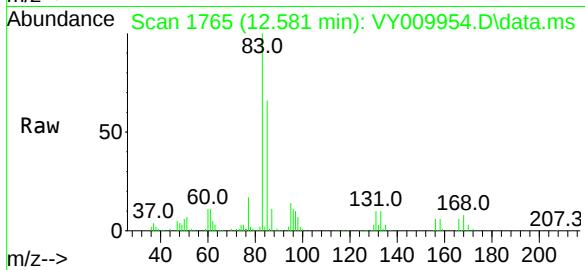
Tgt Ion: 83 Resp: 72174

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.8 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 141.862 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY009954.D

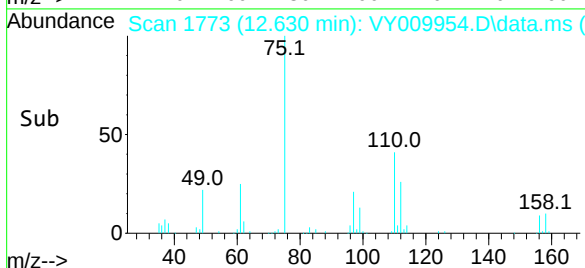
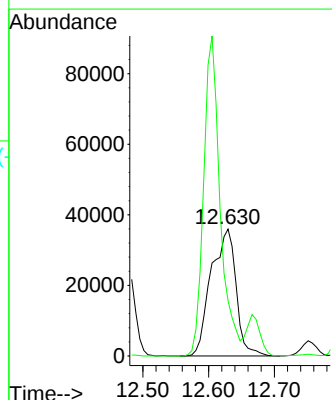
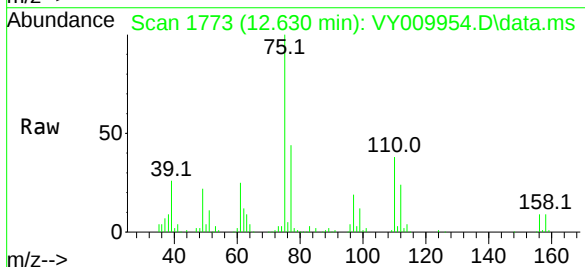
Acq: 10 Aug 2022 16:32

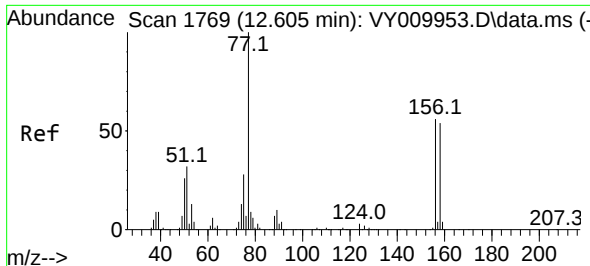
Tgt Ion: 75 Resp: 95158

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

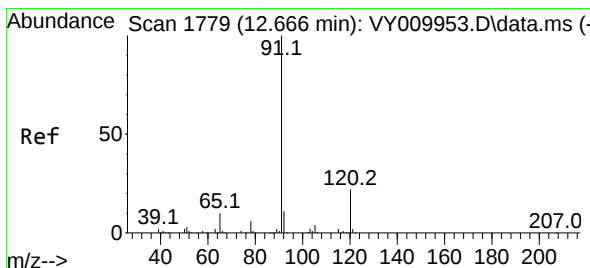
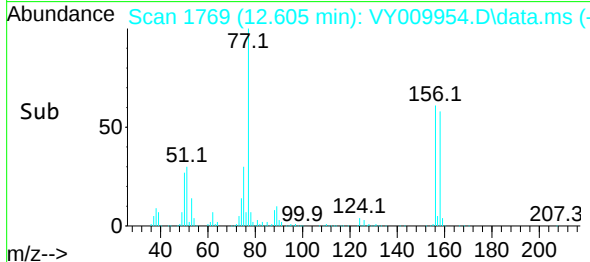
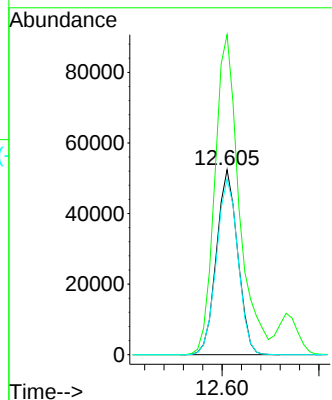
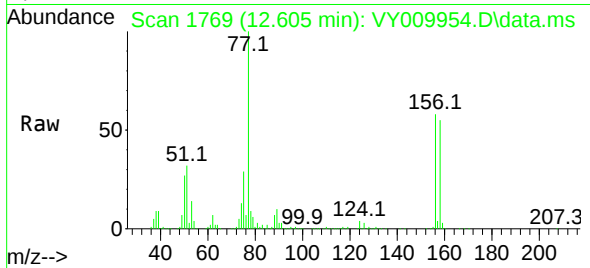




#77
Bromobenzene
Concen: 80.124 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

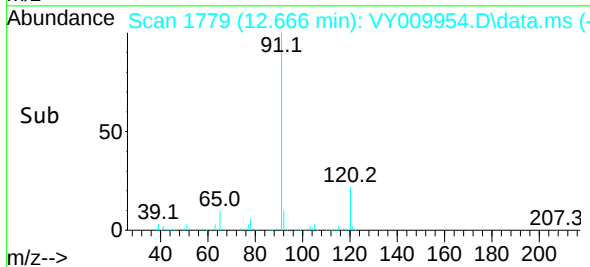
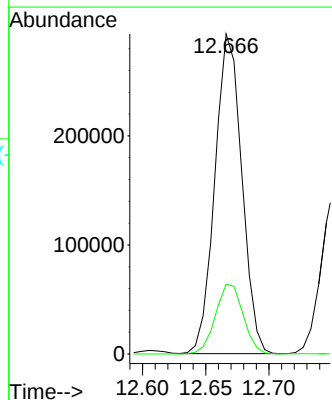
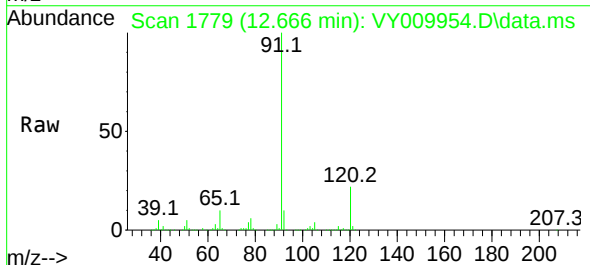
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

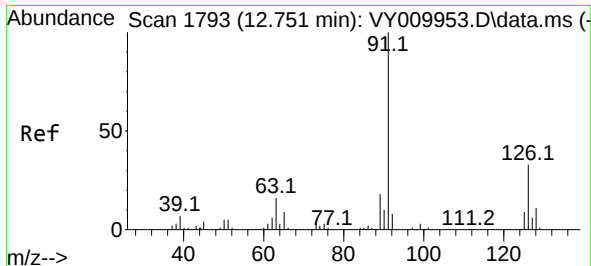
Tgt Ion	Ratio	Lower	Upper
156	100		
77	198.4	88.1	264.3
158	96.6	48.6	145.8



#78
n-propylbenzene
Concen: 82.509 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.9	35.5

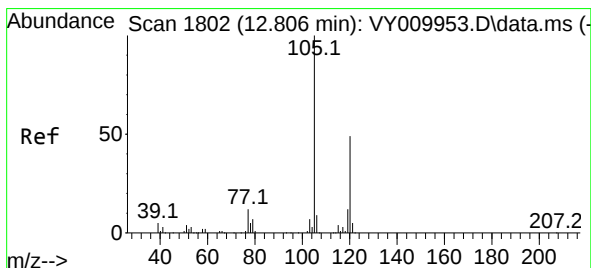
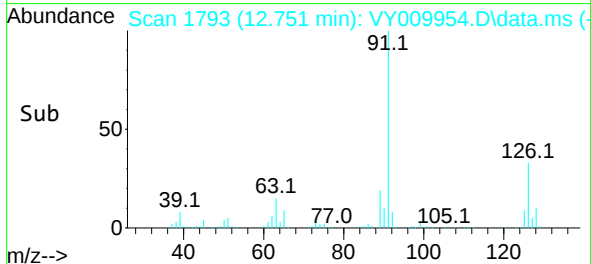
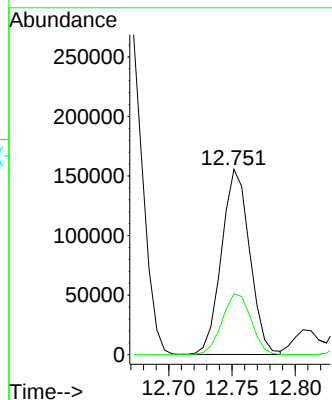
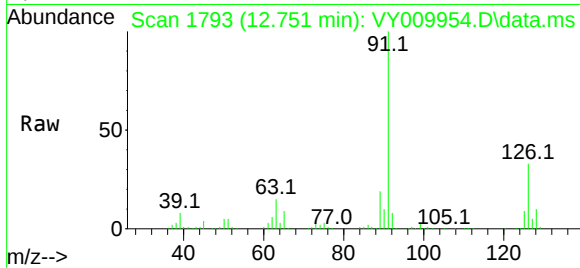




#79
2-Chlorotoluene
Concen: 81.761 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

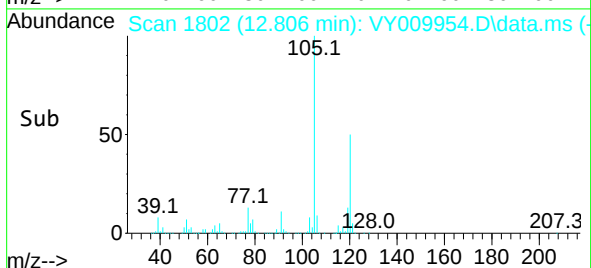
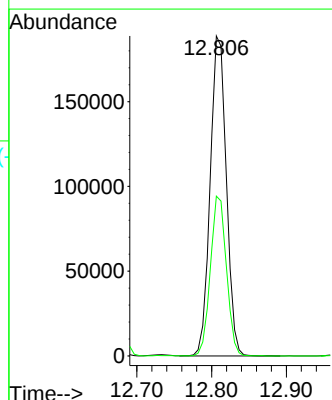
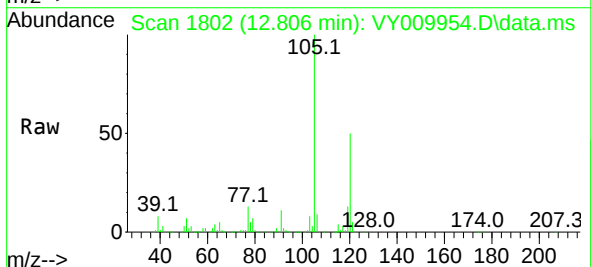
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

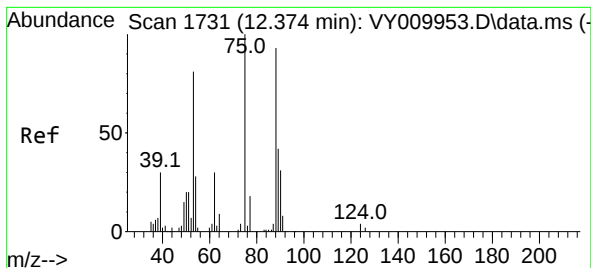
Tgt Ion: 91 Resp: 240903
Ion Ratio Lower Upper
91 100
126 33.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 81.505 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 105 Resp: 282936
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.8

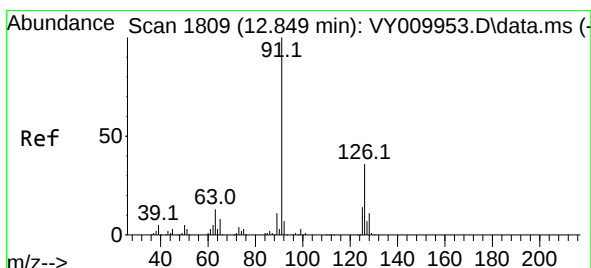
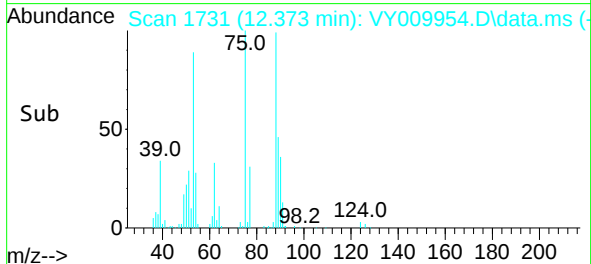
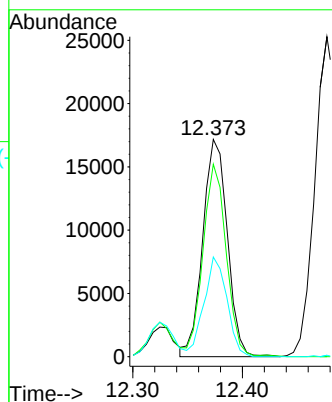
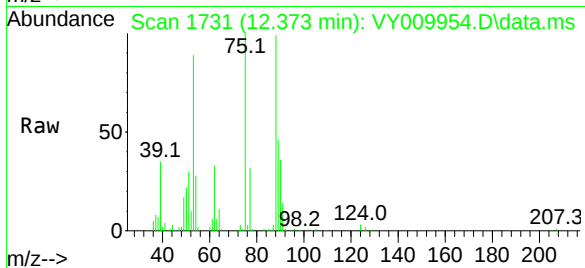




#81
trans-1,4-Dichloro-2-butene
Concen: 80.200 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

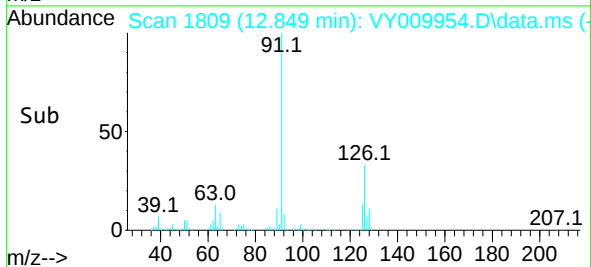
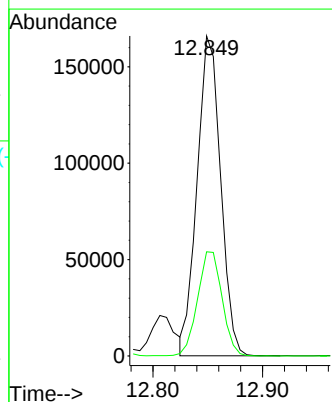
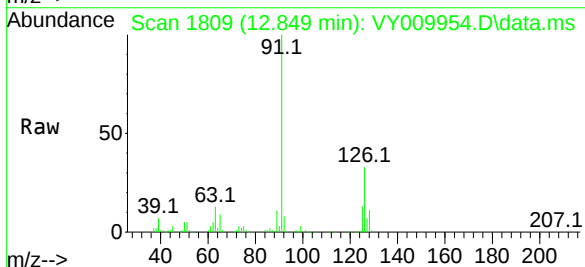
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC075

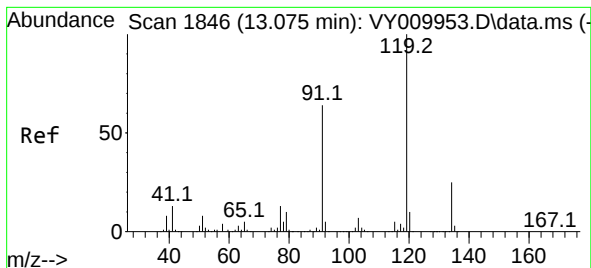
Tgt Ion: 75 Resp: 26729
Ion Ratio Lower Upper
75 100
53 83.6 71.4 107.2
89 42.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 79.716 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 91 Resp: 247142
Ion Ratio Lower Upper
91 100
126 34.0 18.0 54.0





#83

tert-Butylbenzene

Concen: 82.470 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

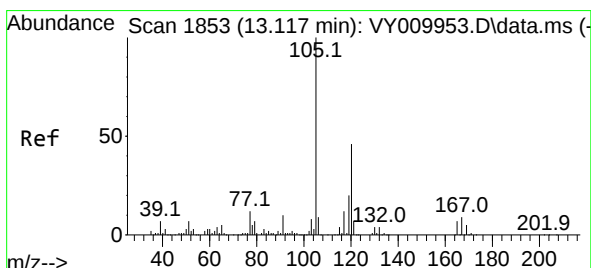
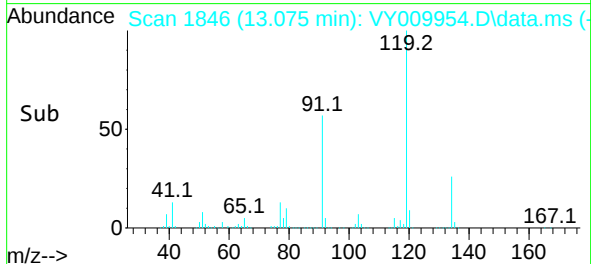
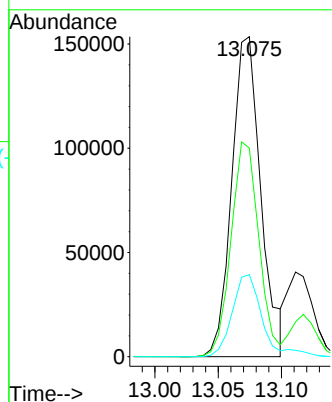
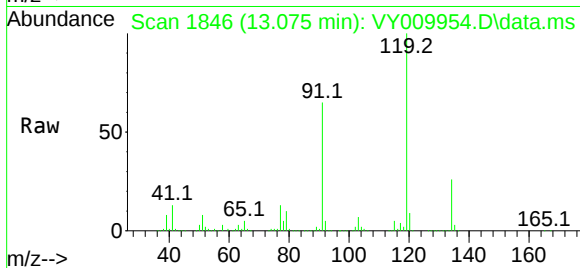
Tgt Ion:119 Resp: 245391

Ion Ratio Lower Upper

119 100

91 64.4 32.0 96.0

134 26.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 82.133 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009954.D

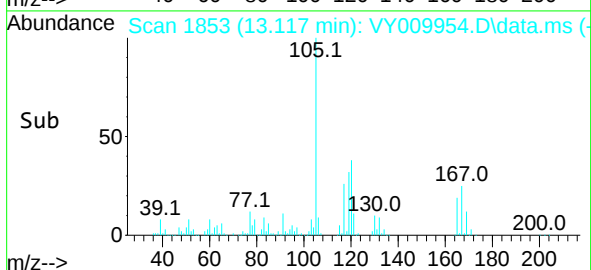
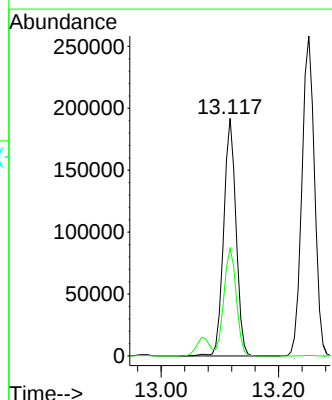
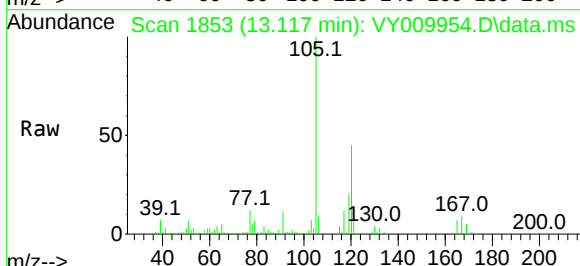
Acq: 10 Aug 2022 16:32

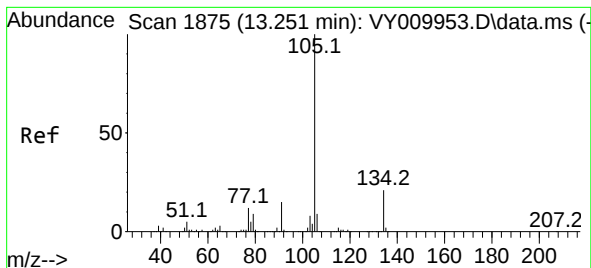
Tgt Ion:105 Resp: 279013

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 83.676 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

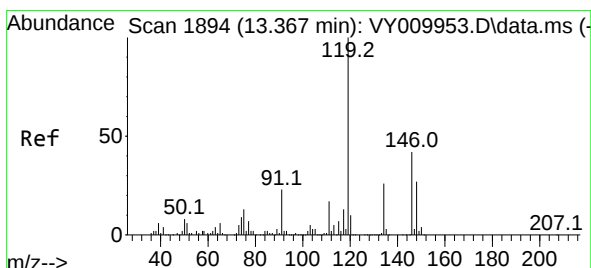
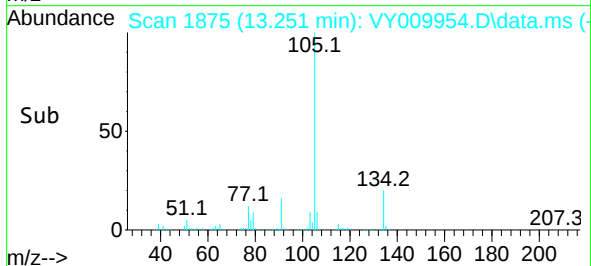
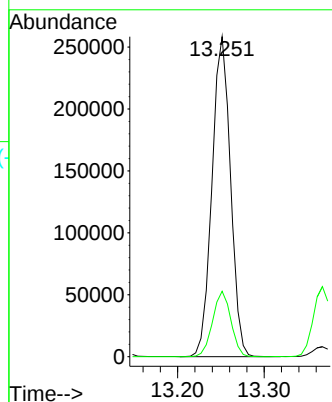
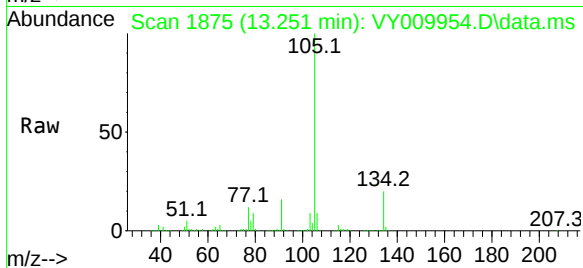
VSTDIC075

Tgt Ion:105 Resp: 383498

Ion Ratio Lower Upper

105 100

134 20.1 10.5 31.6



#86

p-Isopropyltoluene

Concen: 83.127 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

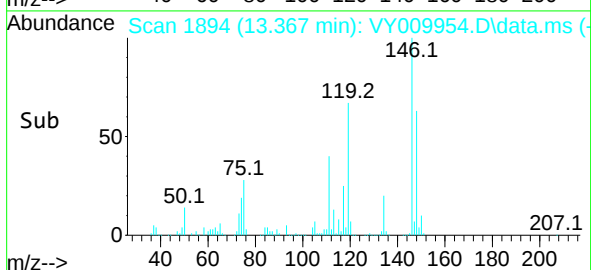
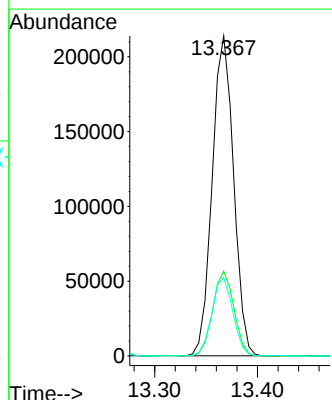
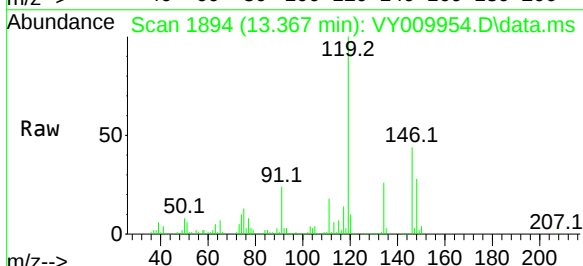
Tgt Ion:119 Resp: 308671

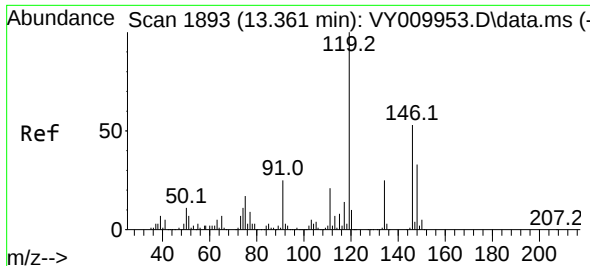
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 24.1 11.6 34.8

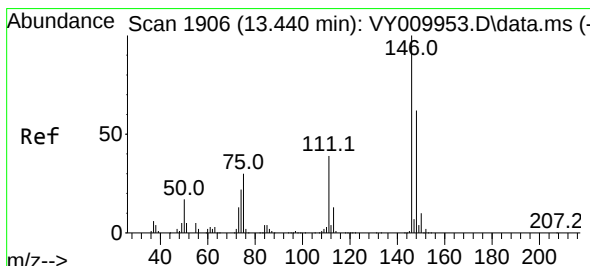
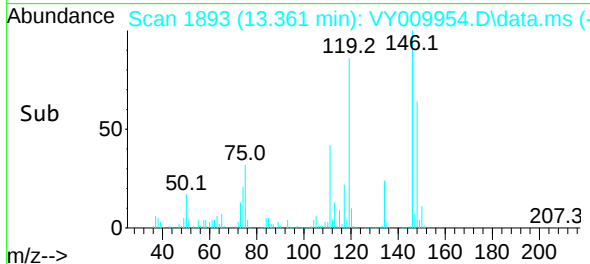
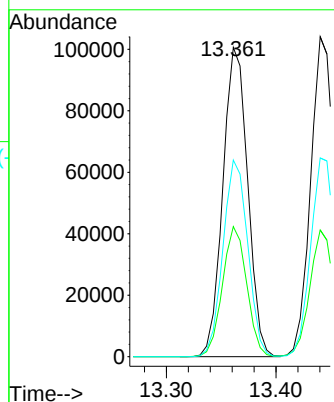
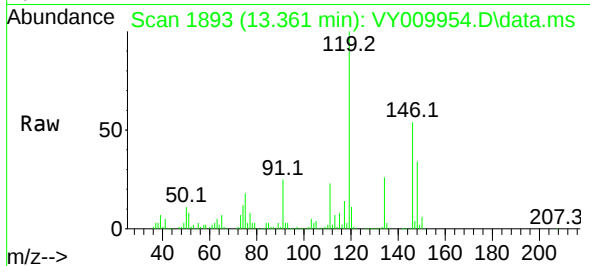




#87
 1,3-Dichlorobenzene
 Concen: 79.352 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

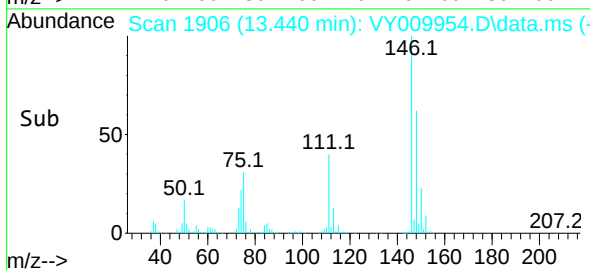
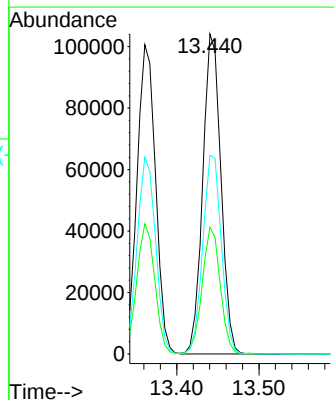
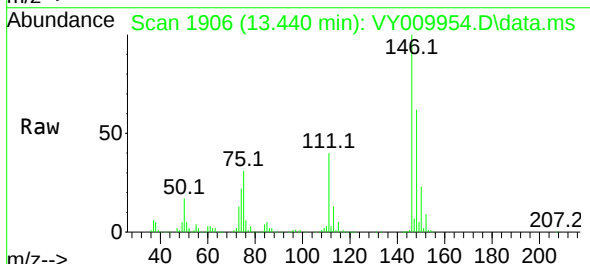
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

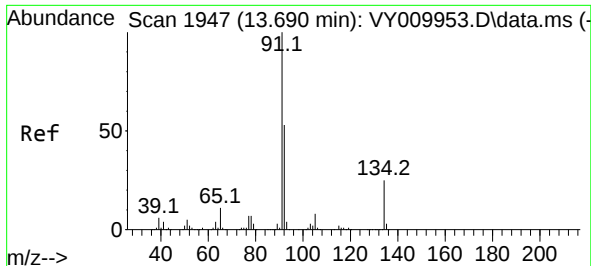
Tgt Ion:146 Resp: 158279
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.1 57.3
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 78.809 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

Tgt Ion:146 Resp: 159762
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.9 56.9
 148 63.5 31.6 95.0

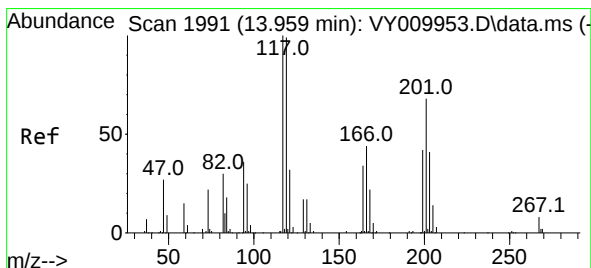
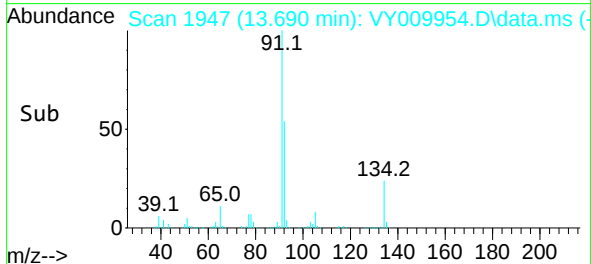
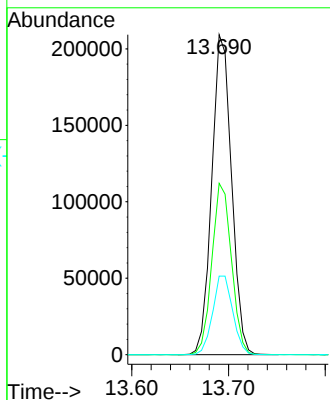
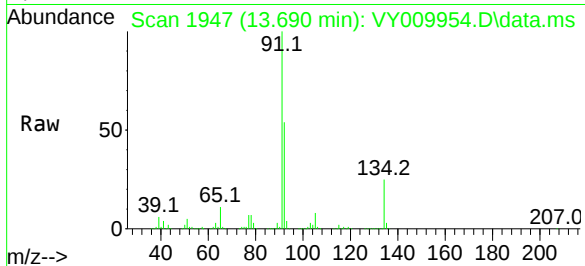




#89
n-Butylbenzene
Concen: 81.582 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

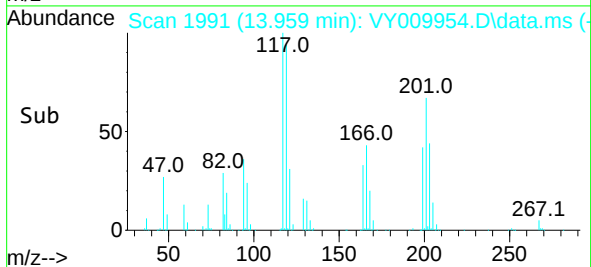
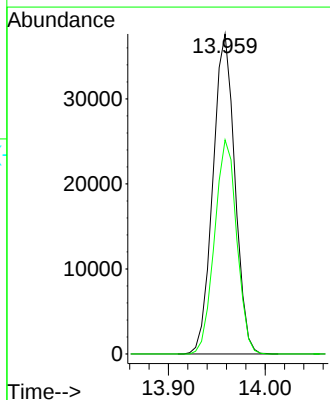
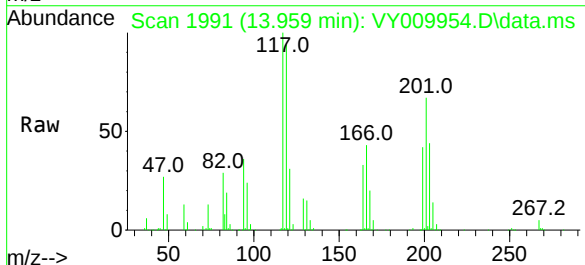
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

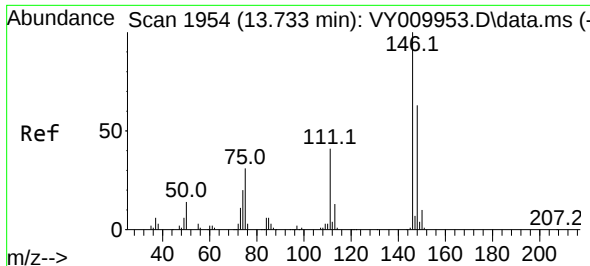
Tgt Ion: 91 Resp: 296845
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 25.1 14.0 41.9



#90
Hexachloroethane
Concen: 76.293 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 117 Resp: 59323
Ion Ratio Lower Upper
117 100
201 67.6 38.8 116.3

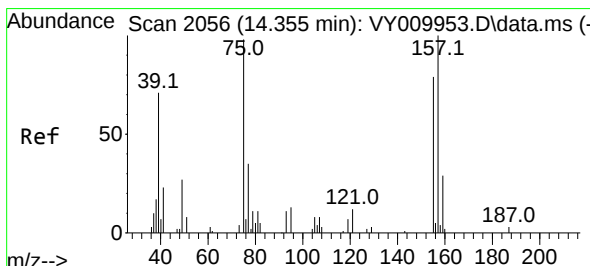
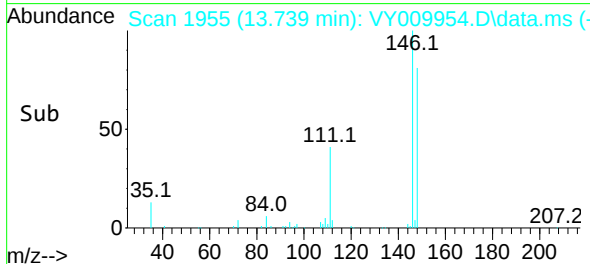
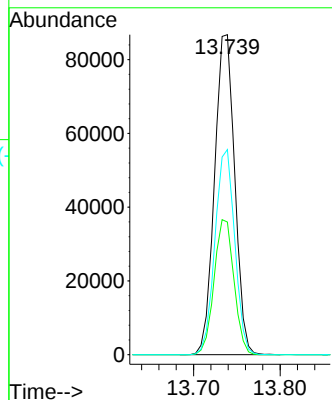
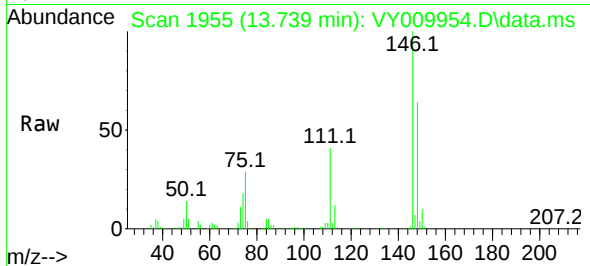




#91
1,2-Dichlorobenzene
Concen: 77.668 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

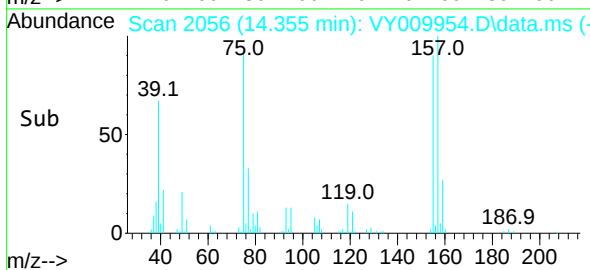
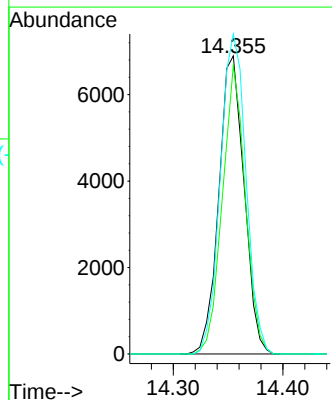
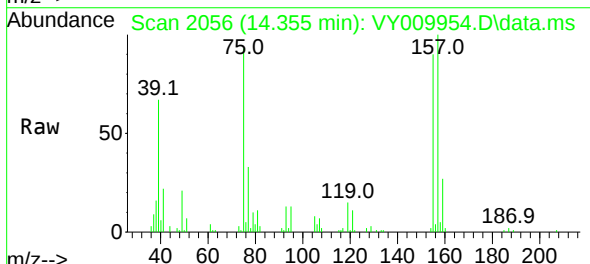
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

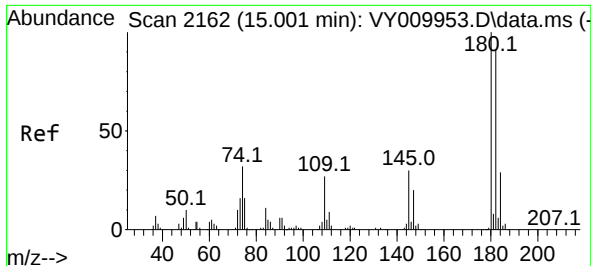
Tgt Ion:146 Resp: 140639
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.1
148 62.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 74.160 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009954.D
Acq: 10 Aug 2022 16:32

Tgt Ion: 75 Resp: 11044
Ion Ratio Lower Upper
75 100
155 88.1 46.4 139.1
157 108.8 57.6 172.7

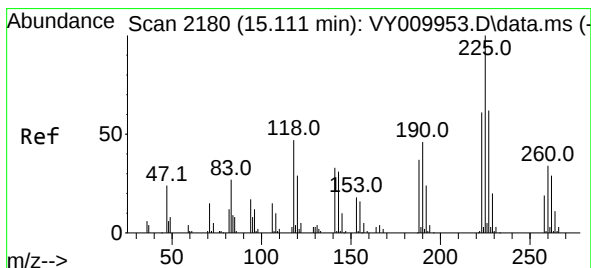
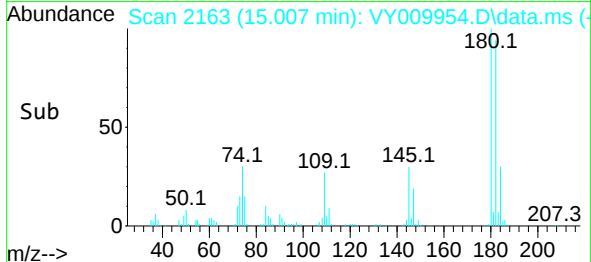
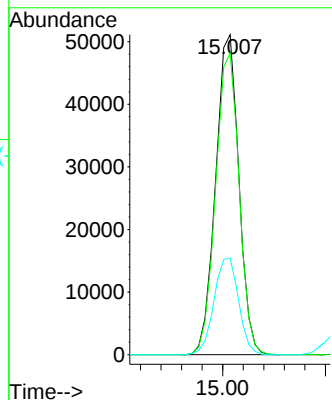
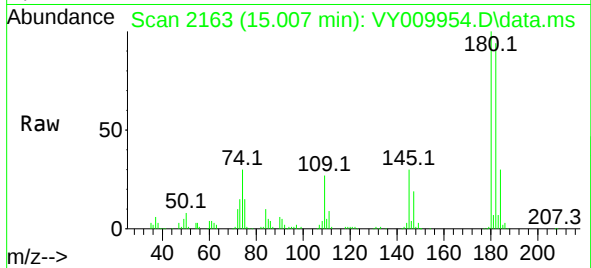




#93
 1,2,4-Trichlorobenzene
 Concen: 77.572 ug/l
 RT: 15.007 min Scan# 2162
 Delta R.T. 0.006 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

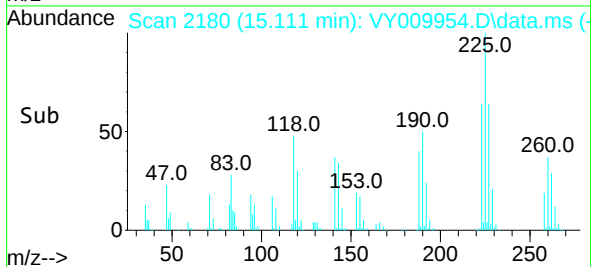
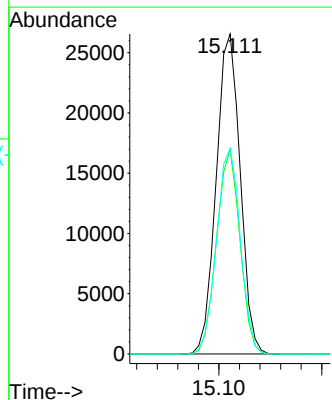
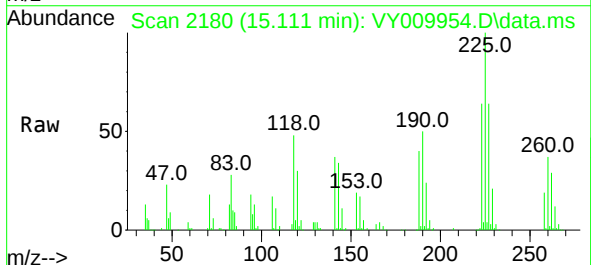
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

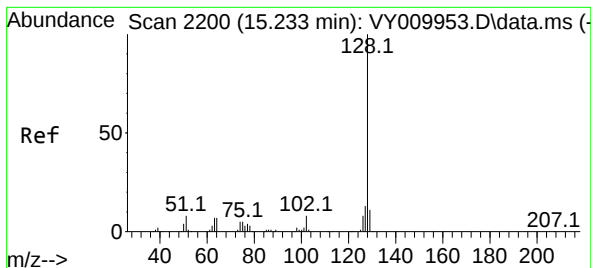
Tgt Ion:180 Resp: 79966
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.9
 145 32.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 74.020 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY009954.D
 Acq: 10 Aug 2022 16:32

Tgt Ion:225 Resp: 42937
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.8 92.3
 227 63.8 31.9 95.5





#95

Naphthalene

Concen: 86.552 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

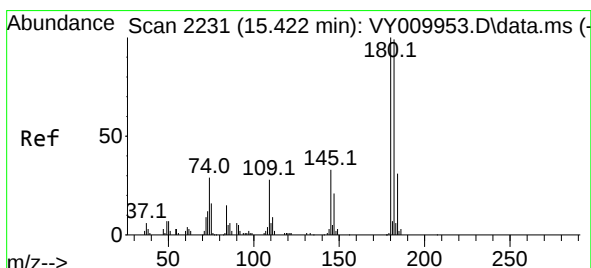
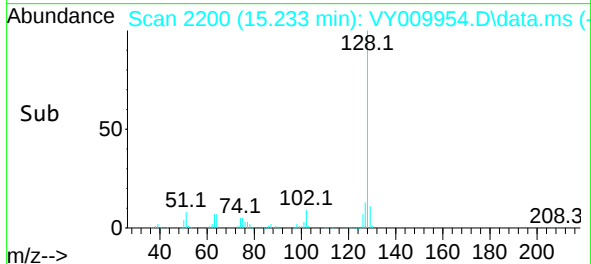
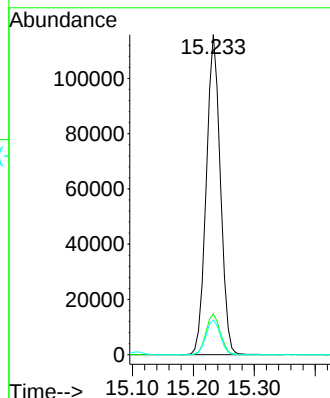
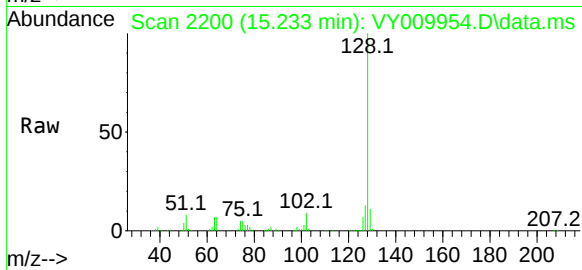
Tgt Ion:128 Resp: 185689

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 79.287 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009954.D

Acq: 10 Aug 2022 16:32

Tgt Ion:180 Resp: 72477

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

145 33.9 15.6 46.7

