

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009987.D
 Acq On : 12 Aug 2022 15:19
 Operator : KP/MD
 Sample : VSTDIC075
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 13 02:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:18:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	107268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	181203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	161126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78040	71.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.480%	
35) Dibromofluoromethane	7.710	113	81896	73.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.320%#	
50) Toluene-d8	10.172	98	314054	73.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 146.580%#	
62) 4-Bromofluorobenzene	12.477	95	112936	73.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 147.980%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	59388	62.339	ug/l	98
3) Chloromethane	2.107	50	53189	73.751	ug/l	98
4) Vinyl Chloride	2.235	62	56115	73.067	ug/l	98
5) Bromomethane	2.631	94	38447	63.691	ug/l	99
6) Chloroethane	2.777	64	33137	65.929	ug/l	97
7) Trichlorofluoromethane	3.107	101	129245	70.381	ug/l	98
8) Diethyl Ether	3.521	74	50227	70.483	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	85447	71.390	ug/l	95
10) Methyl Iodide	4.076	142	111353	78.841	ug/l	97
11) Tert butyl alcohol	4.948	59	38479	325.749	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	83632	72.411	ug/l	94
13) Acrolein	3.716	56	48333	343.917	ug/l	100
14) Allyl chloride	4.460	41	117555	73.650	ug/l	94
15) Acrylonitrile	5.149	53	121112	359.458	ug/l	99
16) Acetone	3.936	43	91169	344.148	ug/l #	85
17) Carbon Disulfide	4.180	76	269405	71.111	ug/l	97
18) Methyl Acetate	4.460	43	53586	63.566	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	216576	76.590	ug/l	98
20) Methylene Chloride	4.698	84	97001	57.066	ug/l #	88
21) trans-1,2-Dichloroethene	5.204	96	94804	73.907	ug/l	94
22) Diisopropyl ether	6.106	45	241626	74.091	ug/l	96
23) Vinyl Acetate	6.045	43	786601	388.700	ug/l	97
24) 1,1-Dichloroethane	6.003	63	151117	73.194	ug/l	99
25) 2-Butanone	6.972	43	145029	357.481	ug/l	96
26) 2,2-Dichloropropane	6.972	77	128178	69.691	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	103309	74.794	ug/l	93
28) Bromochloromethane	7.319	49	62019	75.028	ug/l	85
29) Tetrahydrofuran	7.338	42	96973	373.102	ug/l	90
30) Chloroform	7.496	83	155815	71.829	ug/l	96
31) Cyclohexane	7.770	56	140829	72.192	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	134688	73.034	ug/l	99
36) 1,1-Dichloropropene	7.911	75	121430	72.945	ug/l	100
37) Ethyl Acetate	7.063	43	64959	73.158	ug/l #	95
38) Carbon Tetrachloride	7.886	117	122403	73.188	ug/l	99
39) Methylcyclohexane	9.173	83	153945	76.823	ug/l	98
40) Benzene	8.148	78	365362	72.210	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	86454	82.107	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	94783	72.516	ug/l	97
43) Isopropyl Acetate	8.264	43	117688	75.869	ug/l	94
44) Trichloroethene	8.935	130	99671	73.320	ug/l	95
45) 1,2-Dichloropropane	9.209	63	88219	73.446	ug/l	97
46) Dibromomethane	9.295	93	52948	72.880	ug/l	98
47) Bromodichloromethane	9.490	83	120058	74.273	ug/l	98
48) Methyl methacrylate	9.288	41	52777	77.798	ug/l	90
49) 1,4-Dioxane	9.288	88	14261	1683.053	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	317818	376.137	ug/l	93
52) Toluene	10.240	92	225249	74.236	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	126599	76.066	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	146051	76.088	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	75396	72.608	ug/l	99
56) Ethyl methacrylate	10.508	69	103550	80.331	ug/l	91
57) 1,3-Dichloropropane	10.788	76	124212	73.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	188841	339.037	ug/l	99
59) 2-Hexanone	10.825	43	227001	386.262	ug/l	92
60) Dibromochloromethane	10.977	129	89392	74.705	ug/l	99
61) 1,2-Dibromoethane	11.081	107	73954	74.349	ug/l	98
64) Tetrachloroethene	10.715	164	89710	77.898	ug/l	97
65) Chlorobenzene	11.514	112	241870	73.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	87127	73.778	ug/l	98
67) Ethyl Benzene	11.587	91	424426	76.599	ug/l	97
68) m/p-Xylenes	11.697	106	326335	154.932	ug/l	95
69) o-Xylene	12.026	106	154245	77.324	ug/l	94
70) Styrene	12.038	104	265554	78.057	ug/l	99
71) Bromoform	12.203	173	54365	77.029	ug/l #	100
73) Isopropylbenzene	12.325	105	407128	76.729	ug/l	100
74) N-amyl acetate	12.142	43	108291	78.050	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	86249	70.474	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	113256	77.492	ug/l #	100
77) Bromobenzene	12.605	156	95493	72.747	ug/l	91
78) n-propylbenzene	12.666	91	508209	74.010	ug/l	99
79) 2-Chlorotoluene	12.751	91	291745	73.273	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	343582	76.165	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	31875	74.048	ug/l	93
82) 4-Chlorotoluene	12.849	91	302708	74.181	ug/l	96
83) tert-Butylbenzene	13.074	119	300110	77.111	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	337515	75.915	ug/l	100
85) sec-Butylbenzene	13.251	105	445527	75.333	ug/l	98
86) p-Isopropyltoluene	13.367	119	361551	76.458	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	185701	71.174	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	190679	71.724	ug/l	99
89) n-Butylbenzene	13.696	91	353515	77.666	ug/l	98
90) Hexachloroethane	13.958	117	74202	73.479	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	170943	72.854	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14306	75.240	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	103676	76.763	ug/l	98
94) Hexachlorobutadiene	15.111	225	54269	72.177	ug/l	97
95) Naphthalene	15.233	128	236009	82.963	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92997	77.578	ug/l	98

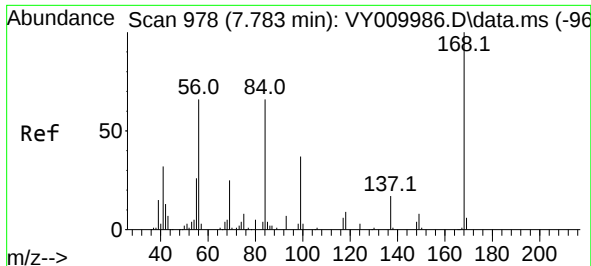
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Response via : Initial Calibration

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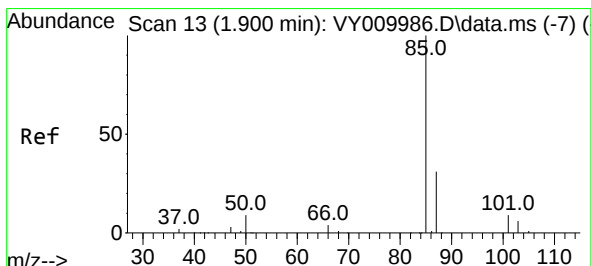
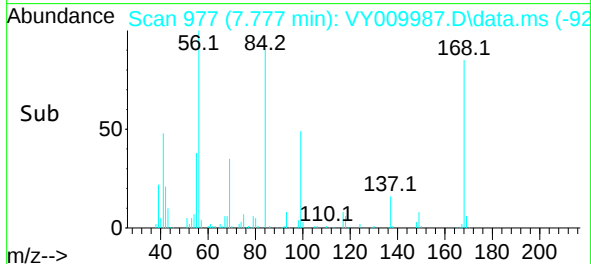
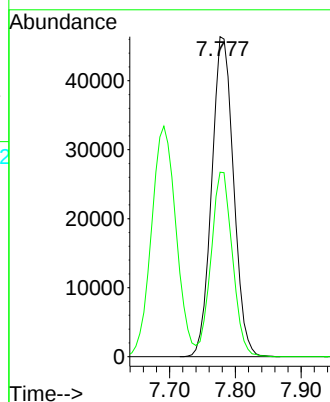
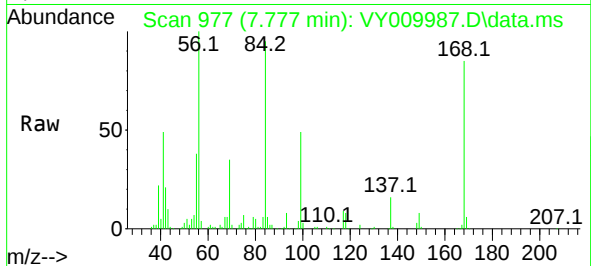
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009987.D
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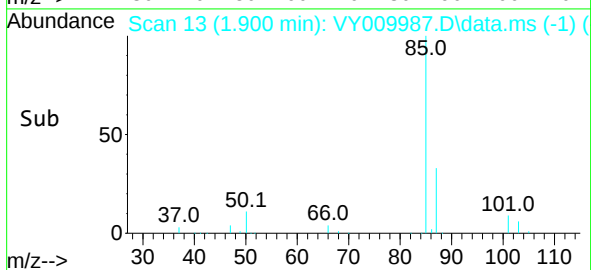
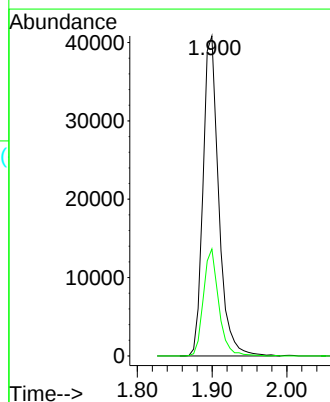
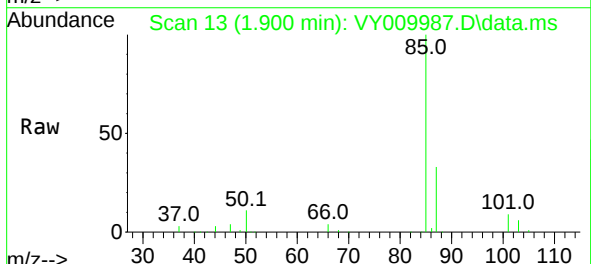
Instrument :
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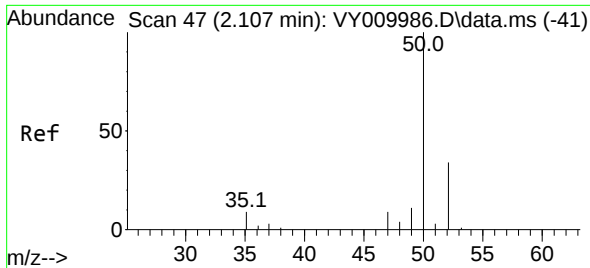
Tgt Ion:168 Resp: 107268
Ion Ratio Lower Upper
168 100
99 57.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 62.339 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 85 Resp: 59388
Ion Ratio Lower Upper
85 100
87 33.5 16.2 48.5

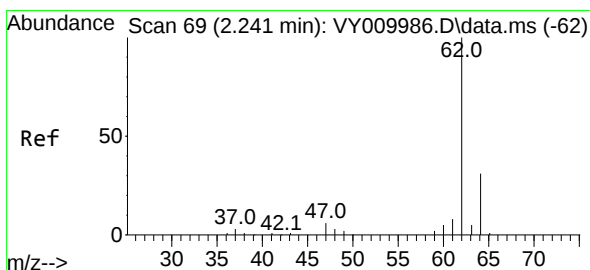
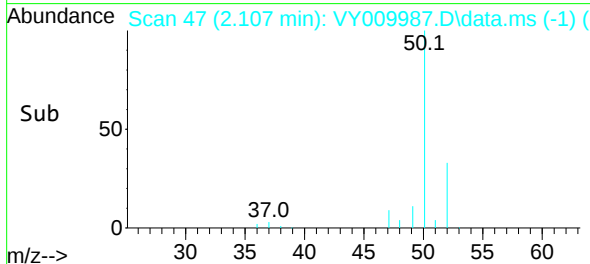
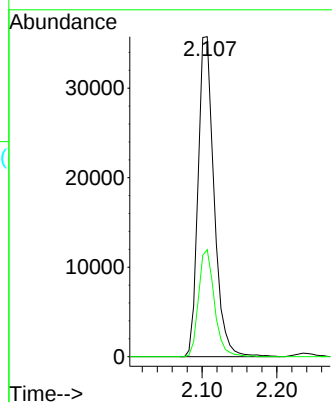
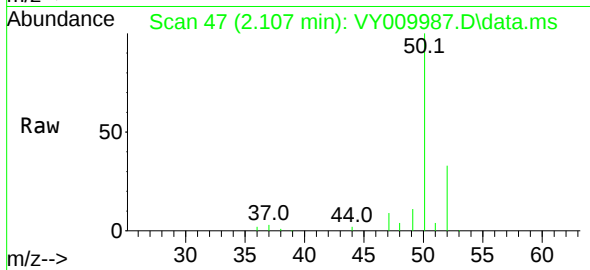




#3
Chloromethane
Concen: 73.751 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

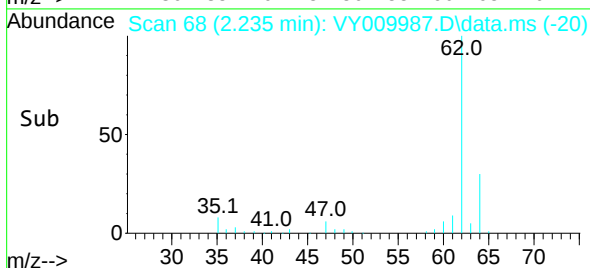
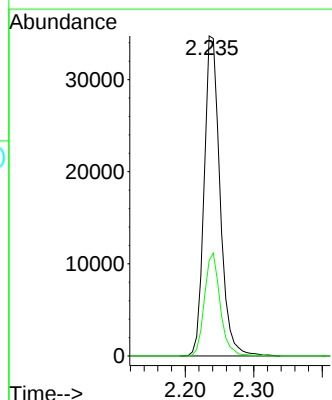
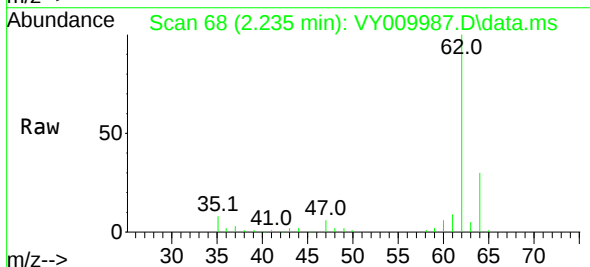
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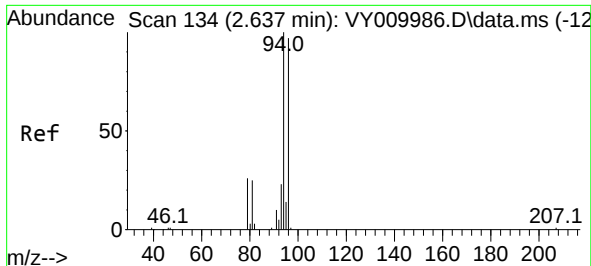
Tgt Ion: 50 Resp: 53189
Ion Ratio Lower Upper
50 100
52 33.5 27.9 41.9



#4
Vinyl Chloride
Concen: 73.067 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 62 Resp: 56115
Ion Ratio Lower Upper
62 100
64 29.9 25.0 37.4

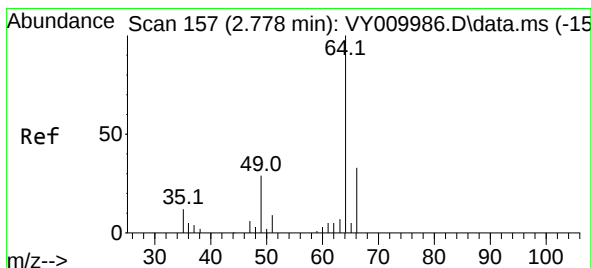
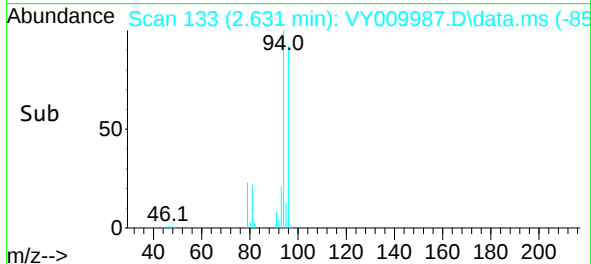
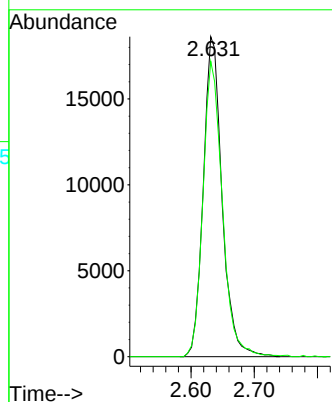
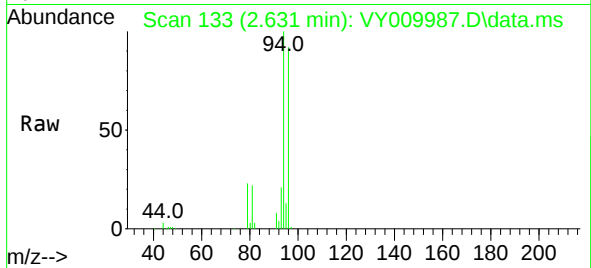




#5
Bromomethane
Concen: 63.691 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

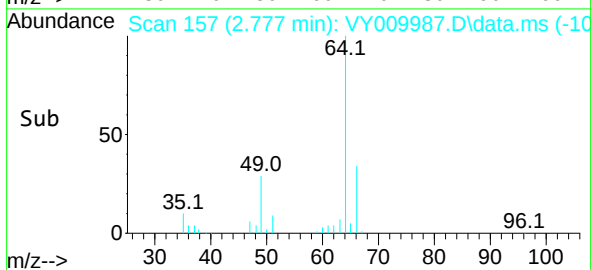
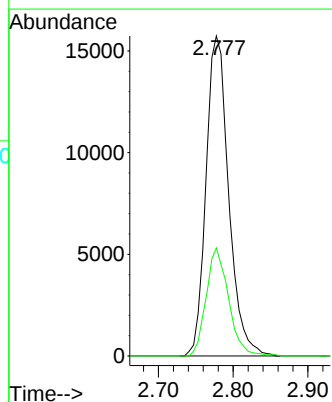
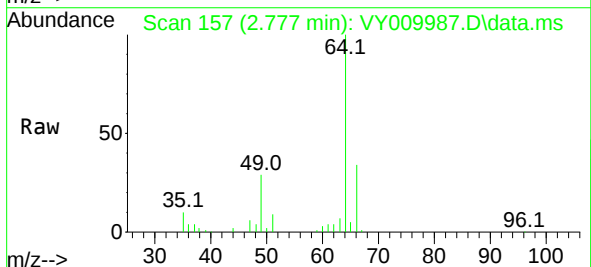
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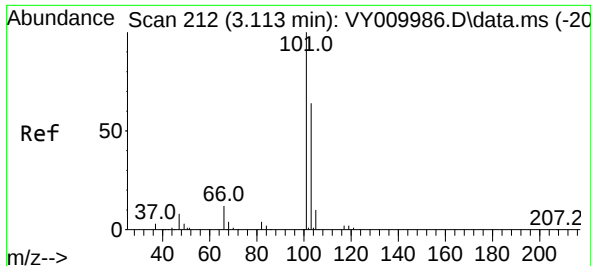
Tgt Ion: 94 Resp: 38447
Ion Ratio Lower Upper
94 100
96 92.3 74.6 111.8



#6
Chloroethane
Concen: 65.929 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 64 Resp: 33137
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.8

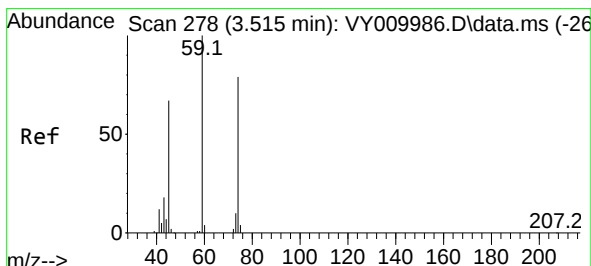
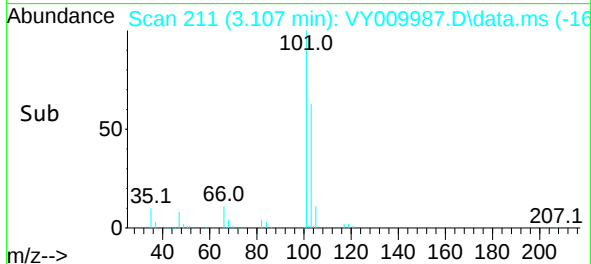
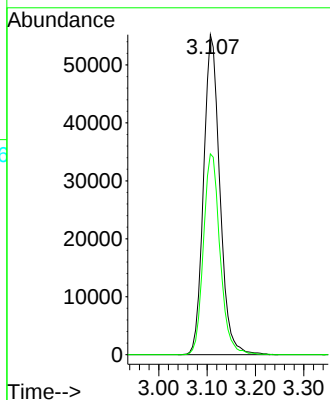
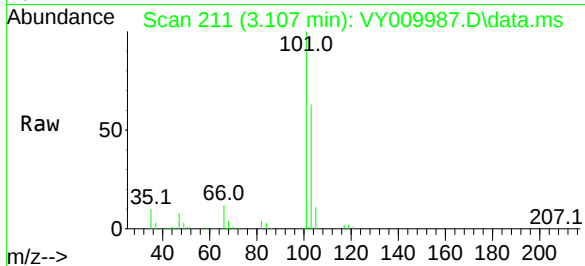




#7
 Trichlorofluoromethane
 Concen: 70.381 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY009987.D
 Acq: 12 Aug 2022 15:19

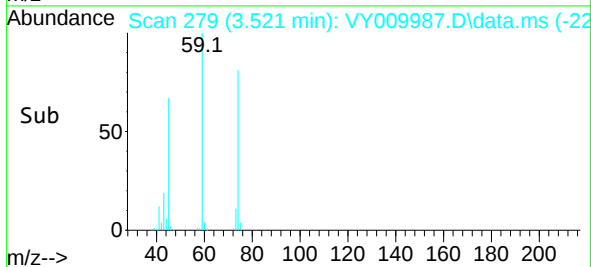
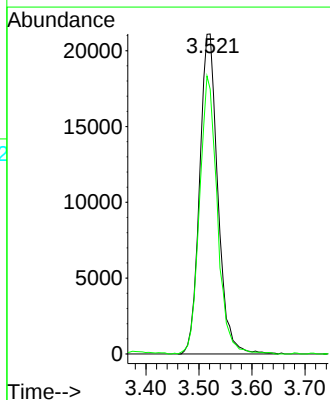
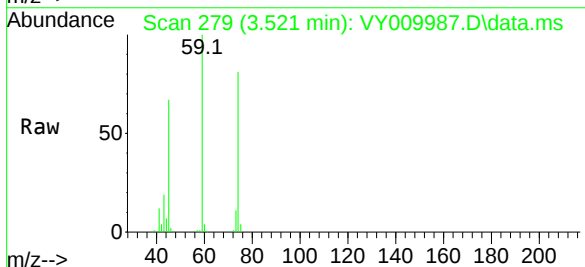
Instrument :
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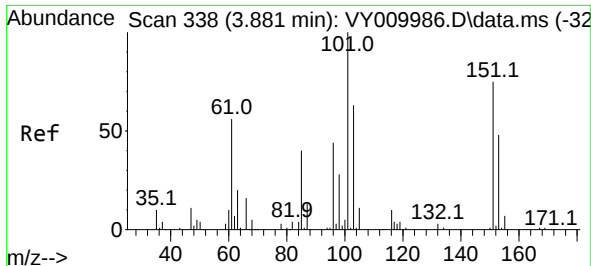
Tgt Ion:101 Resp: 129245
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 70.483 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY009987.D
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Tgt Ion: 74 Resp: 50227
 Ion Ratio Lower Upper
 74 100
 45 85.0 49.1 147.4

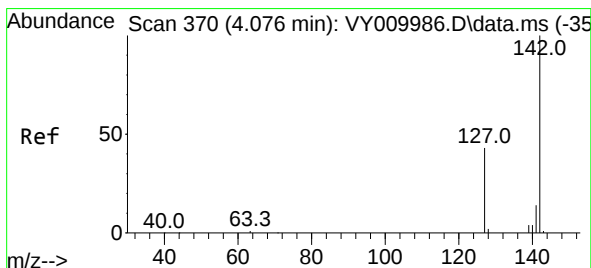
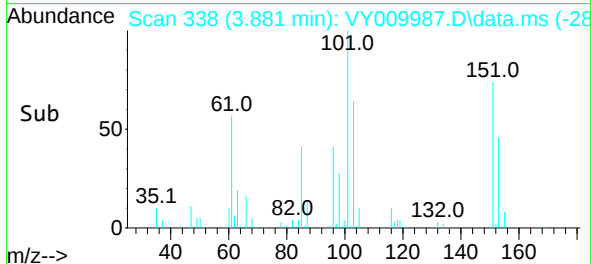
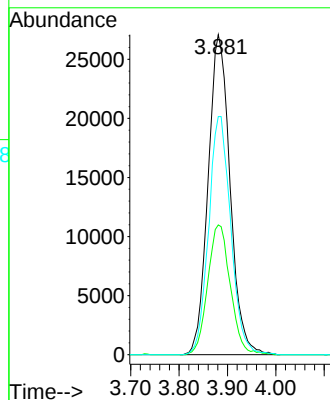
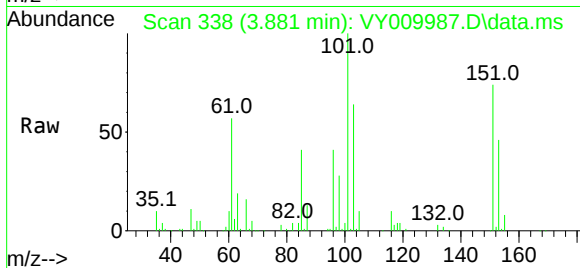




#9
1,1,2-Trichlorotrifluoroethane
Concen: 71.390 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

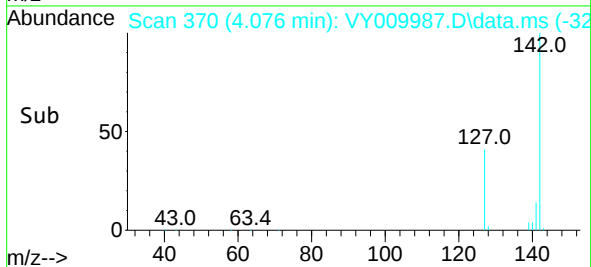
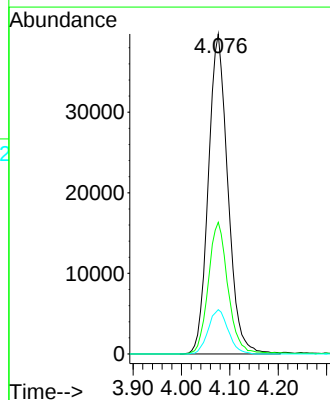
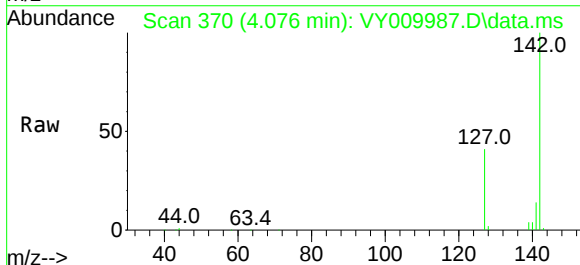
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

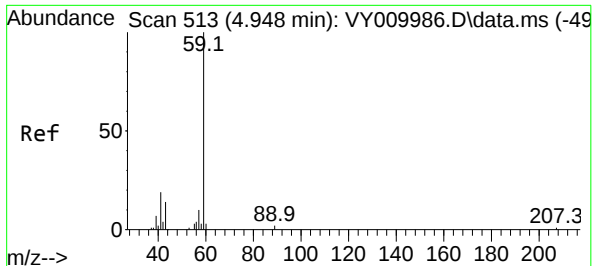
Tgt Ion:101 Resp: 85447
Ion Ratio Lower Upper
101 100
85 41.7 36.2 54.2
151 75.1 63.6 95.4



#10
Methyl Iodide
Concen: 78.841 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion:142 Resp: 111353
Ion Ratio Lower Upper
142 100
127 41.4 35.2 52.8
141 14.1 11.4 17.2

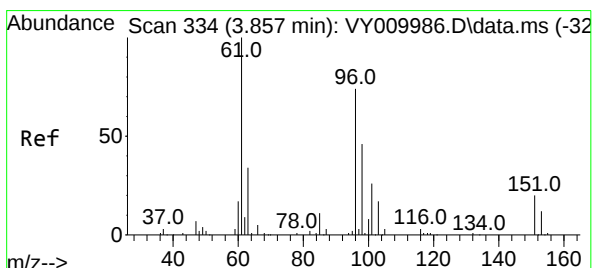
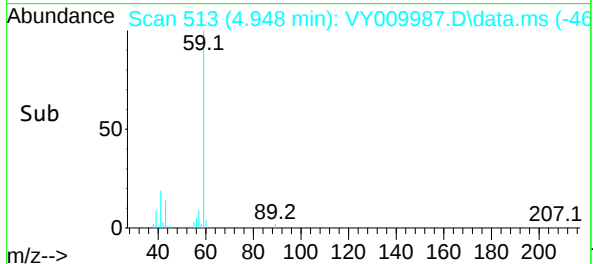
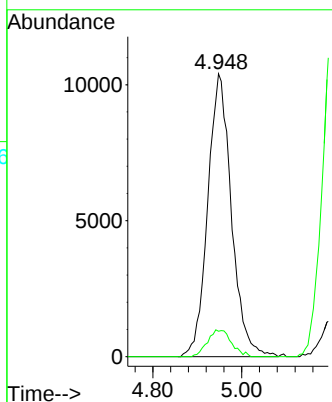
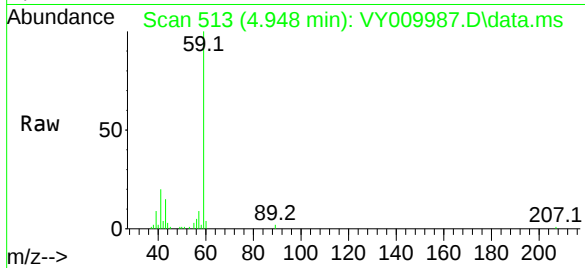




#11
Tert butyl alcohol
Concen: 325.749 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

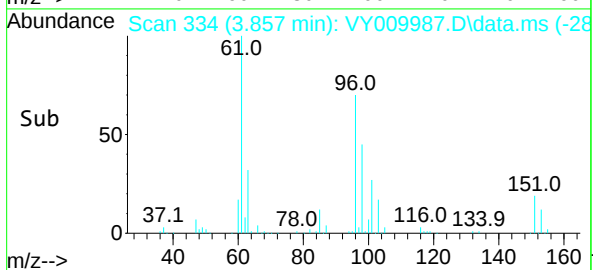
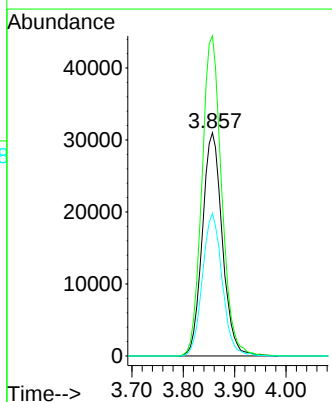
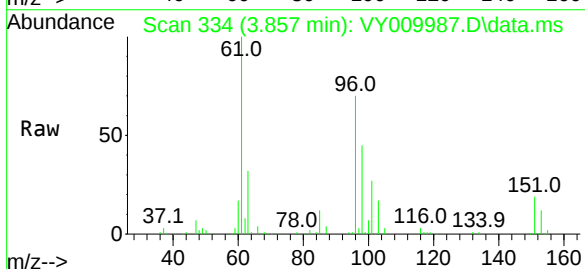
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

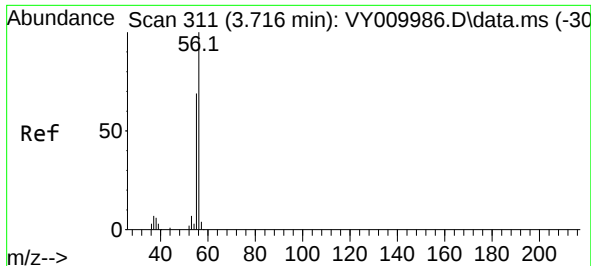
Tgt Ion: 59 Resp: 38479
Ion Ratio Lower Upper
59 100
57 9.6 6.3 9.5#



#12
1,1-Dichloroethene
Concen: 72.411 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 96 Resp: 83632
Ion Ratio Lower Upper
96 100
61 143.3 121.9 182.9
98 63.9 48.2 72.4





#13

Acrolein

Concen: 343.917 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

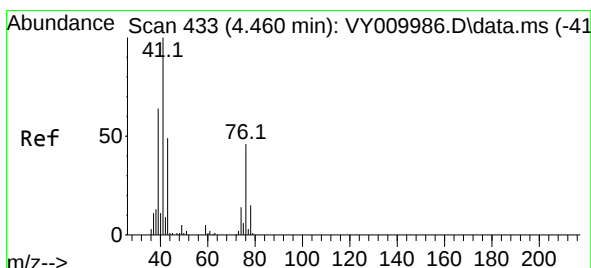
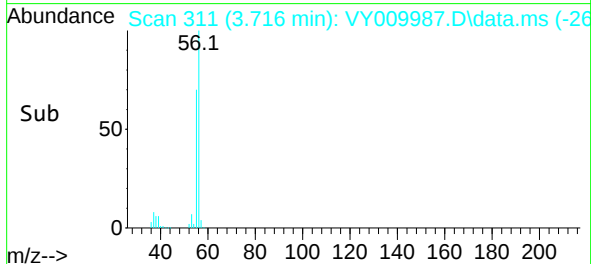
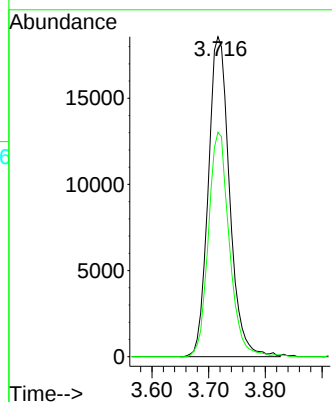
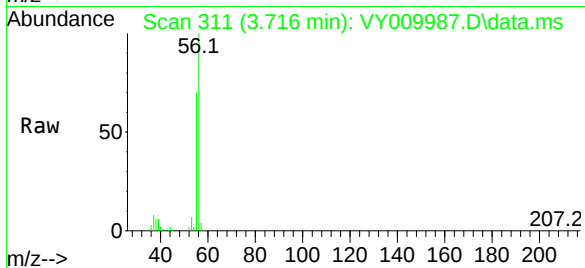
VSTDIC075

Tgt Ion: 56 Resp: 48333

Ion Ratio Lower Upper

56 100

55 68.8 54.8 82.2



#14

Allyl chloride

Concen: 73.650 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

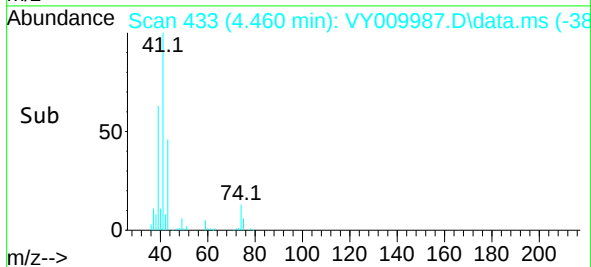
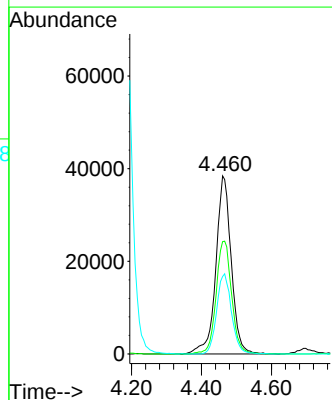
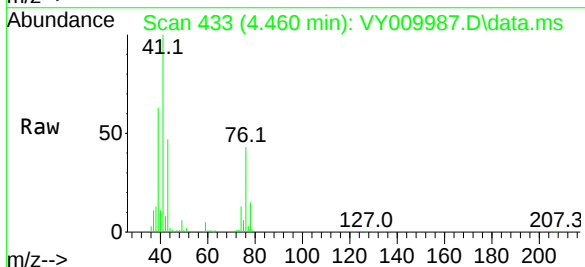
Tgt Ion: 41 Resp: 117555

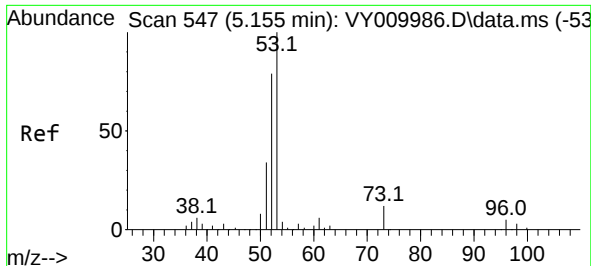
Ion Ratio Lower Upper

41 100

39 63.8 53.5 80.3

76 43.2 29.4 44.0

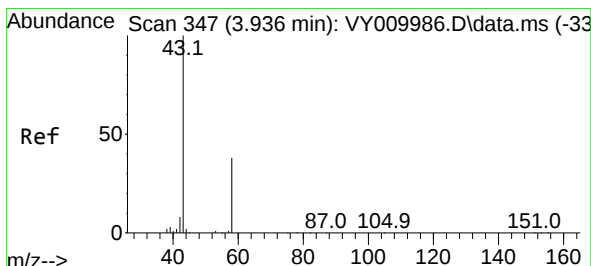
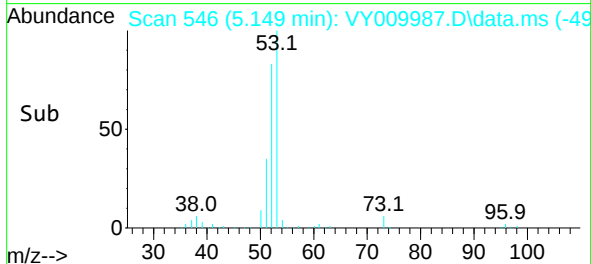
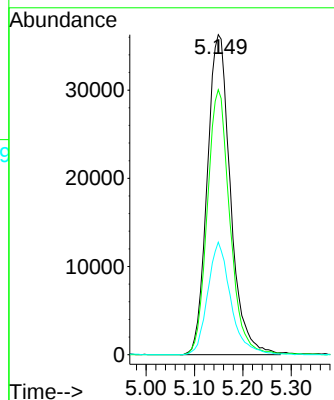
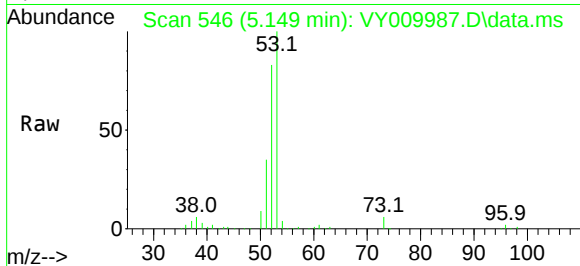




#15
Acrylonitrile
Concen: 359.458 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

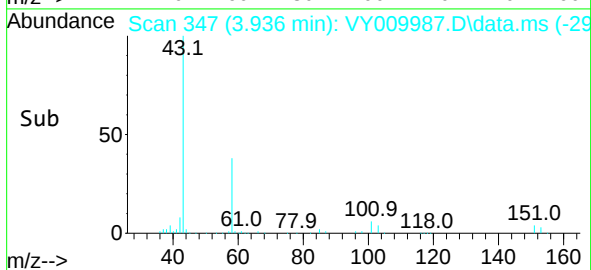
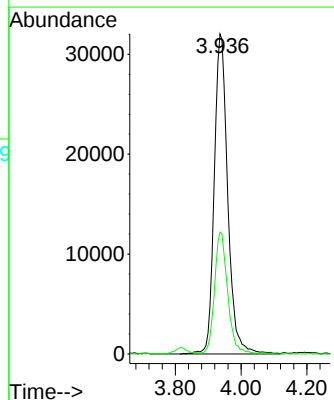
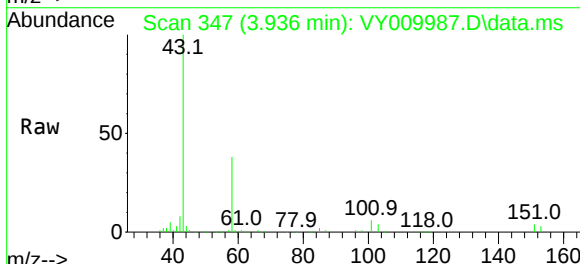
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

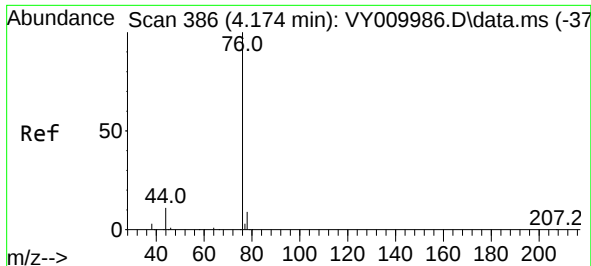
Tgt Ion: 53 Resp: 121112
Ion Ratio Lower Upper
53 100
52 80.4 65.4 98.2
51 34.9 28.4 42.6



#16
Acetone
Concen: 344.148 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 43 Resp: 91169
Ion Ratio Lower Upper
43 100
58 38.1 24.0 36.0#

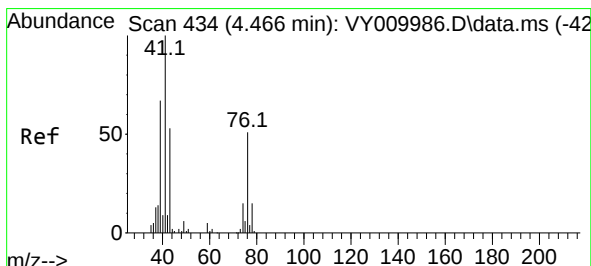
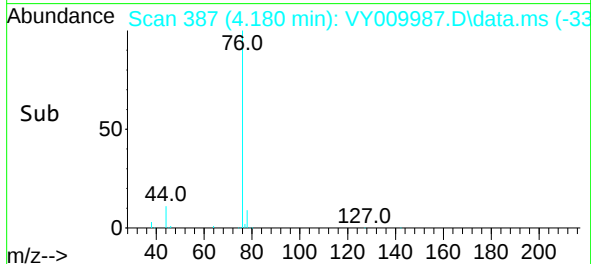
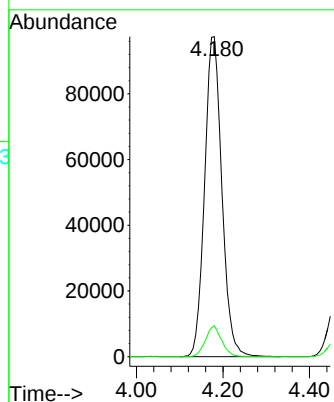
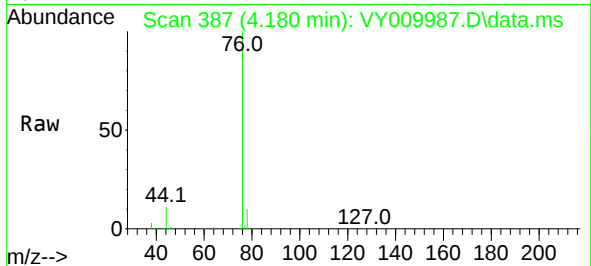




#17
Carbon Disulfide
Concen: 71.111 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

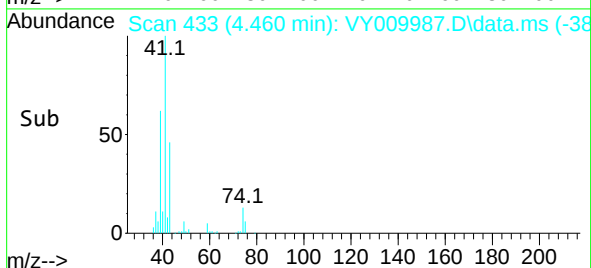
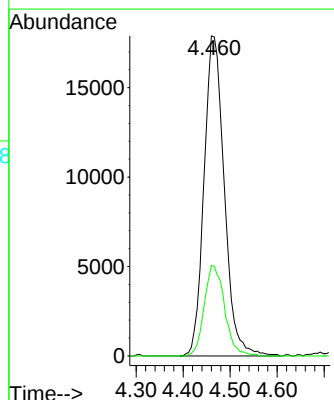
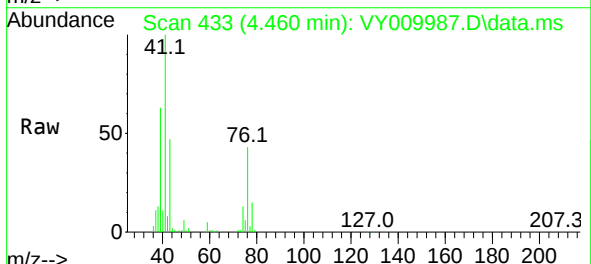
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

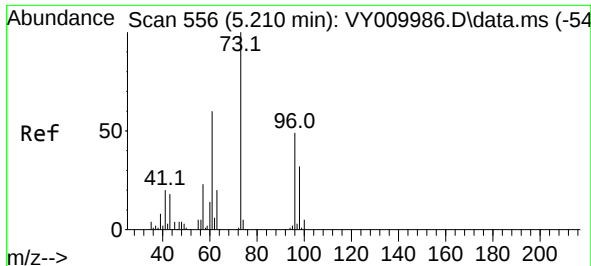
Tgt Ion: 76 Resp: 269405
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 63.566 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 43 Resp: 53586
Ion Ratio Lower Upper
43 100
74 28.5 18.8 28.2#

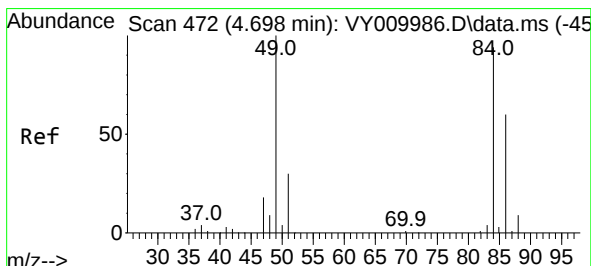
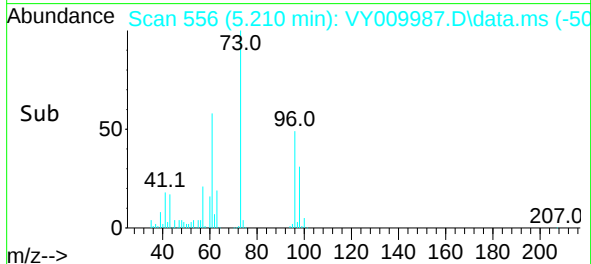
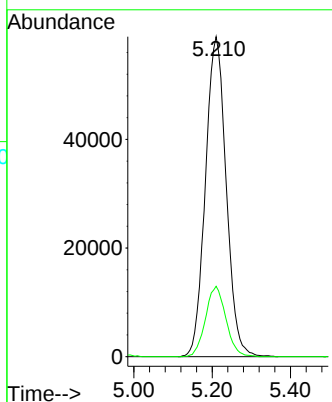
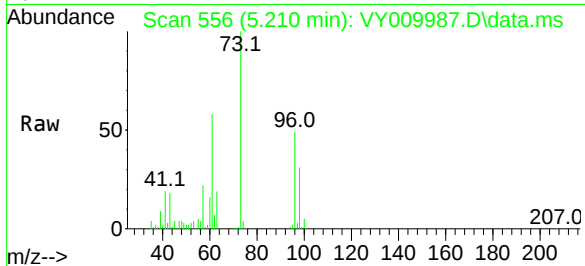




#19
Methyl tert-butyl Ether
Concen: 76.590 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

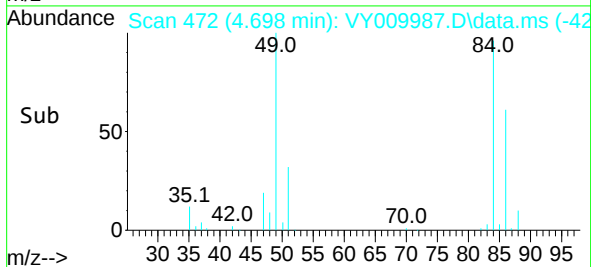
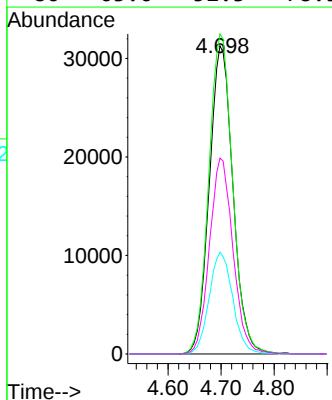
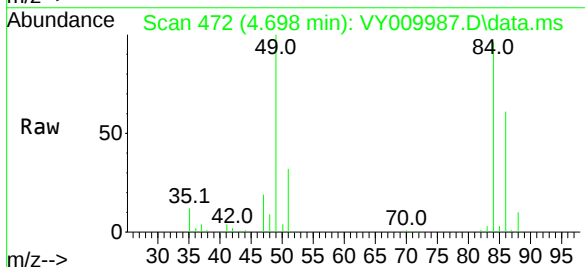
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

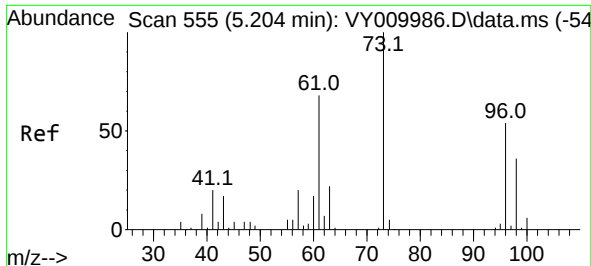
Tgt Ion: 73 Resp: 216576
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7



#20
Methylene Chloride
Concen: 57.066 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 84 Resp: 97001
Ion Ratio Lower Upper
84 100
49 103.8 98.2 147.4
51 33.0 33.4 50.0#
86 63.6 52.3 78.5

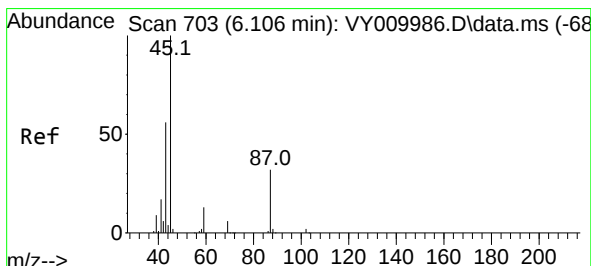
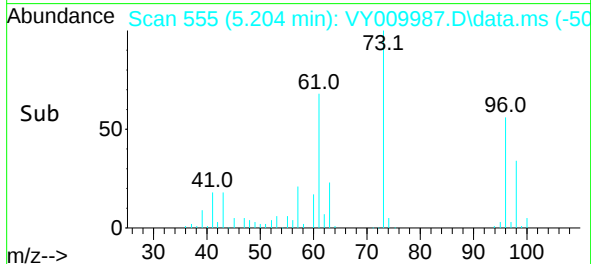
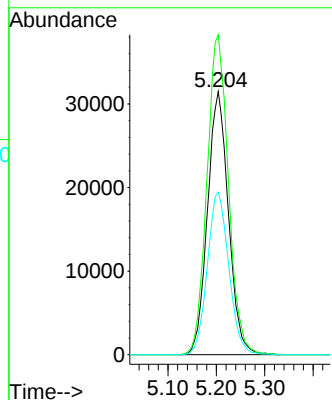
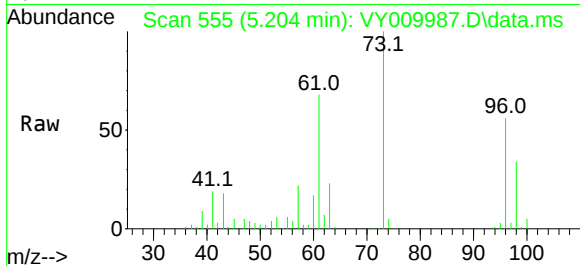




#21
trans-1,2-Dichloroethene
Concen: 73.907 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

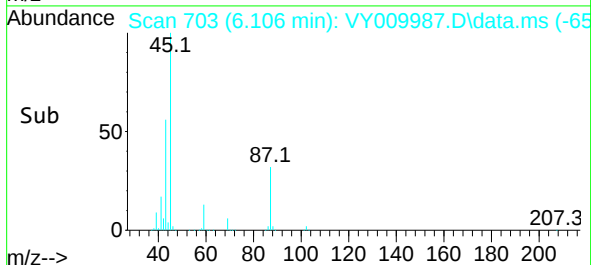
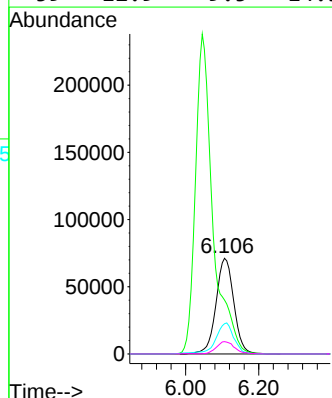
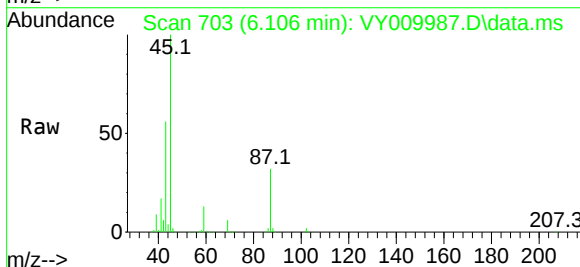
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

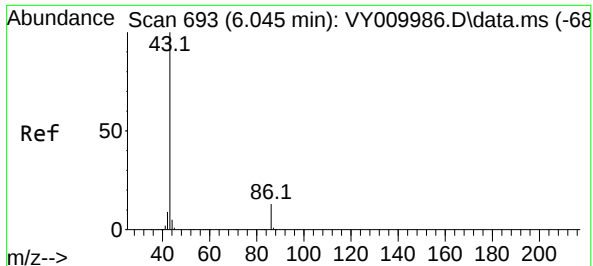
Tgt Ion: 96 Resp: 94804
Ion Ratio Lower Upper
96 100
61 121.6 105.8 158.6
98 61.8 49.7 74.5



#22
Diisopropyl ether
Concen: 74.091 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 45 Resp: 241626
Ion Ratio Lower Upper
45 100
43 56.0 43.7 65.5
87 31.6 22.2 33.4
59 12.9 9.5 14.3

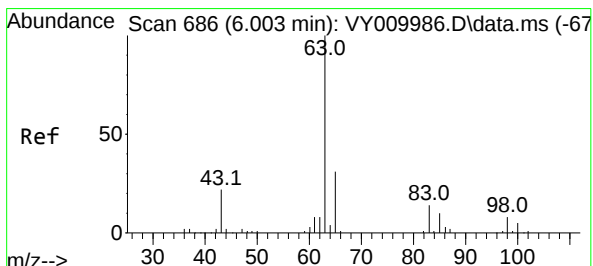
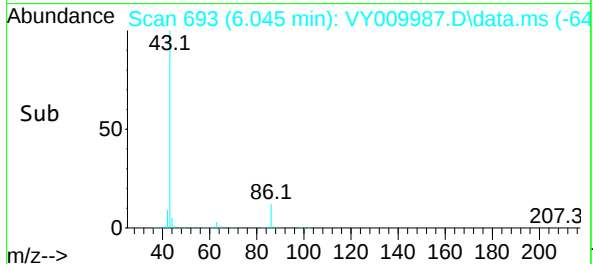
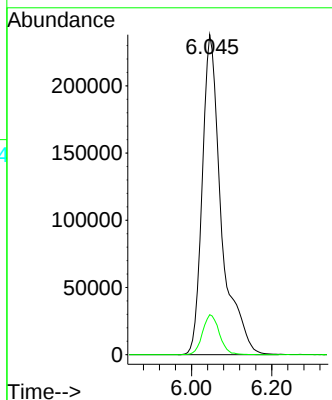
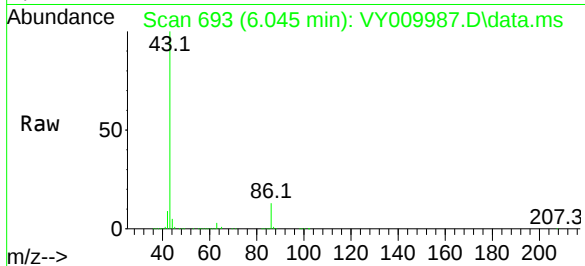




#23
 Vinyl Acetate
 Concen: 388.700 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY009987.D
 Acq: 12 Aug 2022 15:19

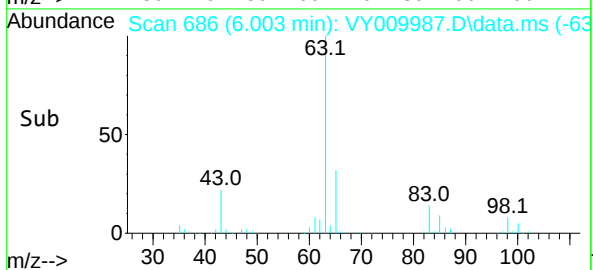
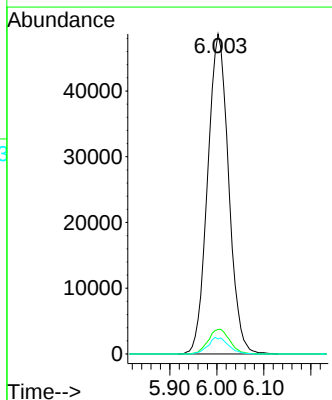
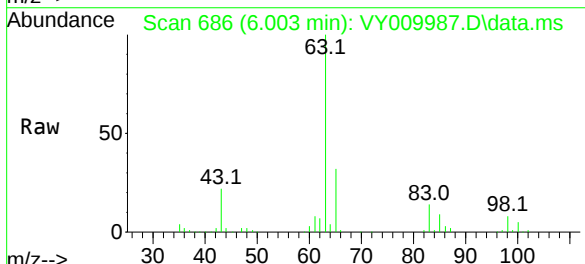
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

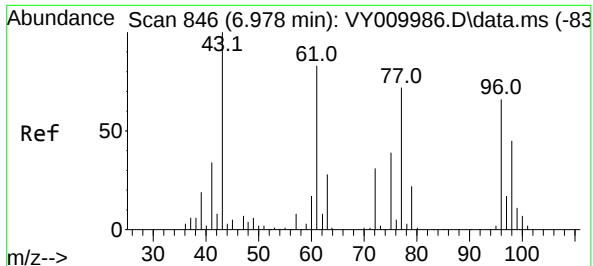
Tgt Ion: 43 Resp: 786601
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 73.194 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009987.D
 Acq: 12 Aug 2022 15:19

Tgt Ion: 63 Resp: 151117
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.7 2.8 8.3





#25

2-Butanone

Concen: 357.481 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

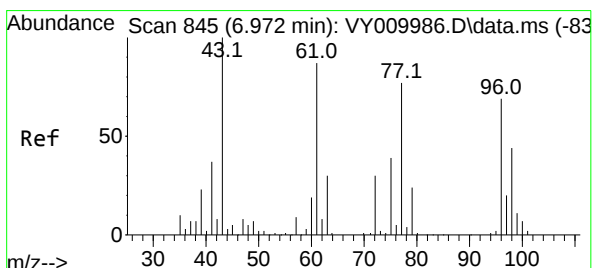
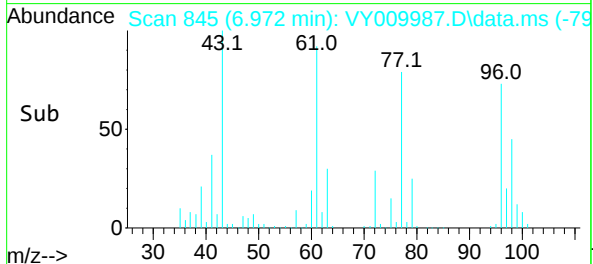
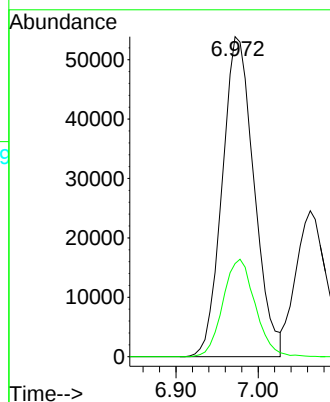
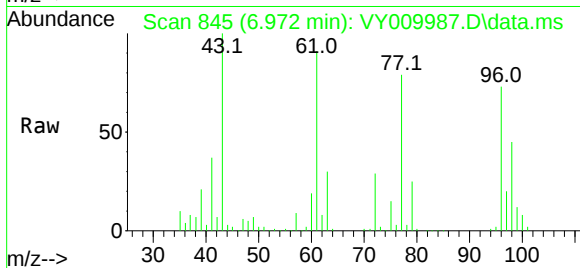
VSTDIC075

Tgt Ion: 43 Resp: 145029

Ion Ratio Lower Upper

43 100

72 29.1 21.5 32.3



#26

2,2-Dichloropropane

Concen: 69.691 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009987.D

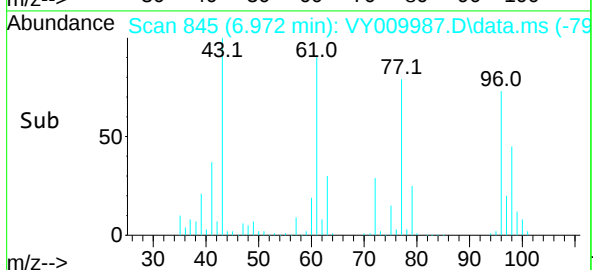
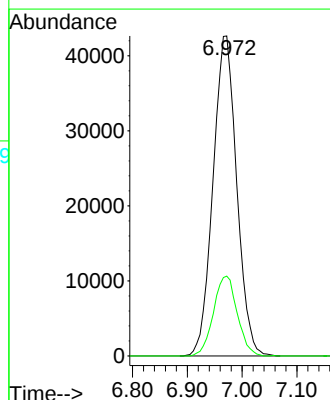
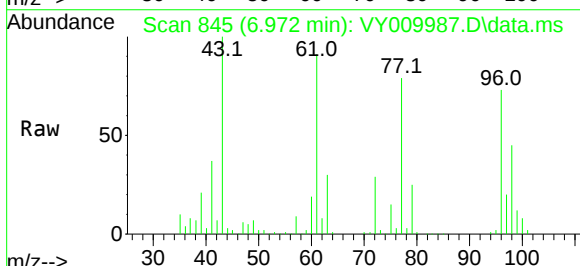
Acq: 12 Aug 2022 15:19

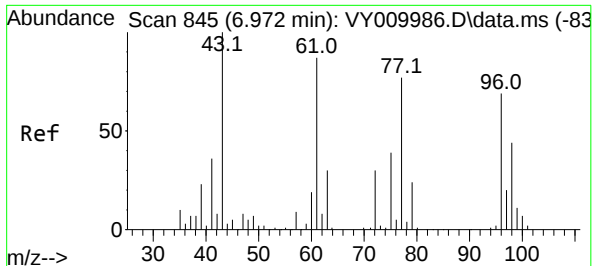
Tgt Ion: 77 Resp: 128178

Ion Ratio Lower Upper

77 100

97 25.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 74.794 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

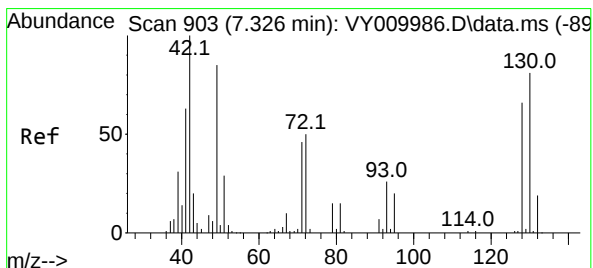
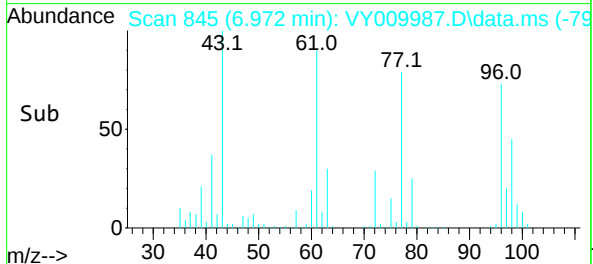
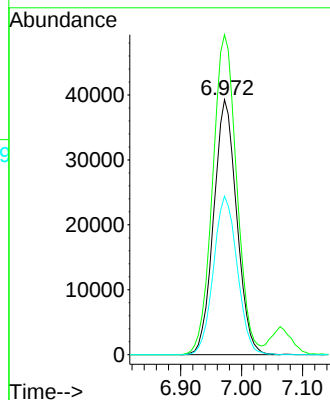
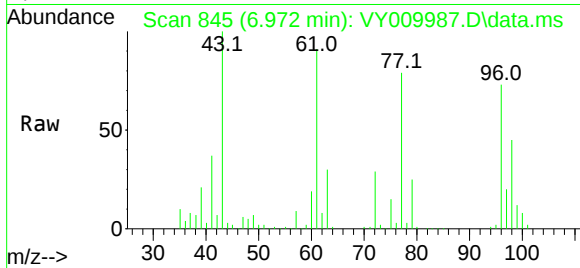
Tgt Ion: 96 Resp: 103309

Ion Ratio Lower Upper

96 100

61 131.1 0.0 285.6

98 64.0 0.0 131.0



#28

Bromochloromethane

Concen: 75.028 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

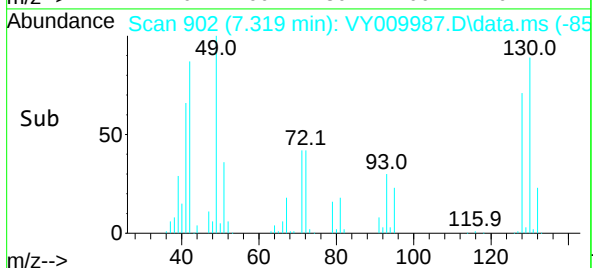
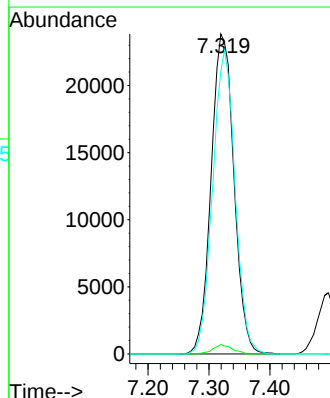
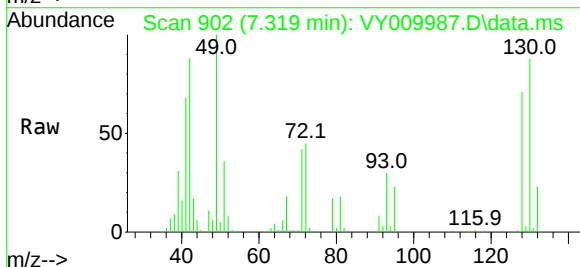
Tgt Ion: 49 Resp: 62019

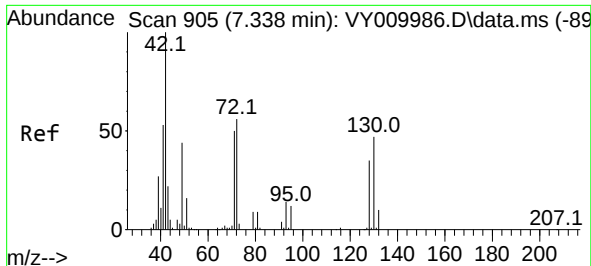
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 93.3 64.1 96.1





#29

Tetrahydrofuran

Concen: 373.102 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

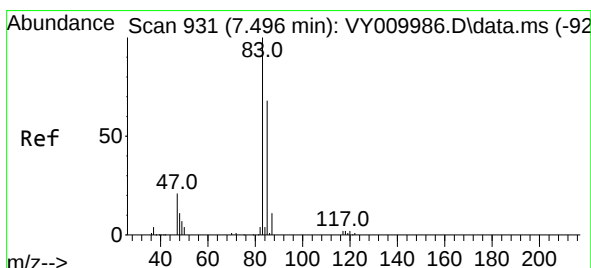
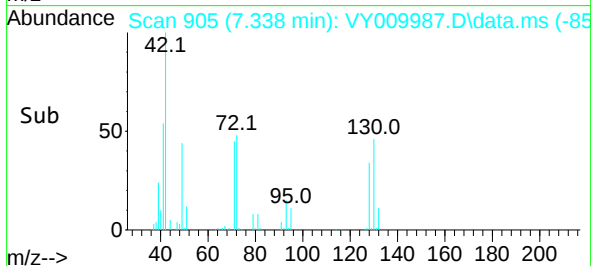
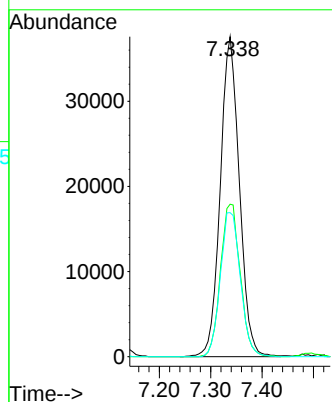
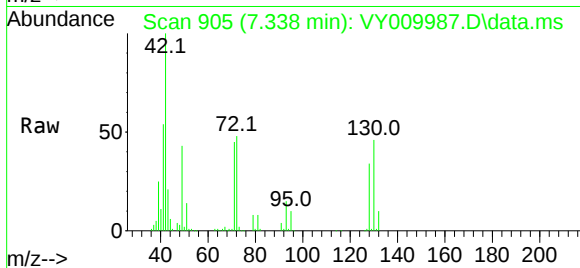
Tgt Ion: 42 Resp: 96973

Ion Ratio Lower Upper

42 100

72 49.3 34.6 52.0

71 47.3 32.7 49.1



#30

Chloroform

Concen: 71.829 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009987.D

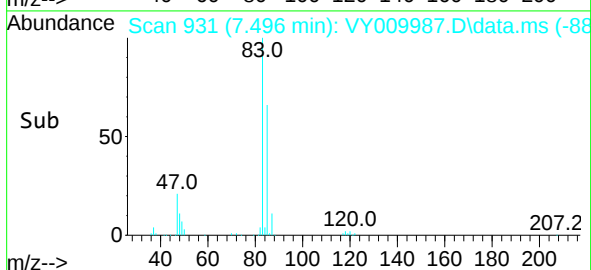
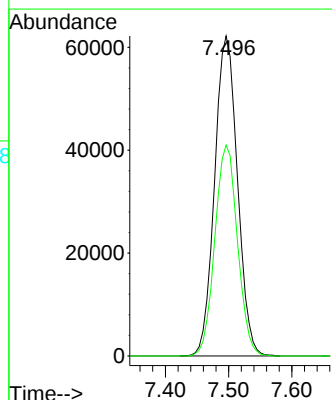
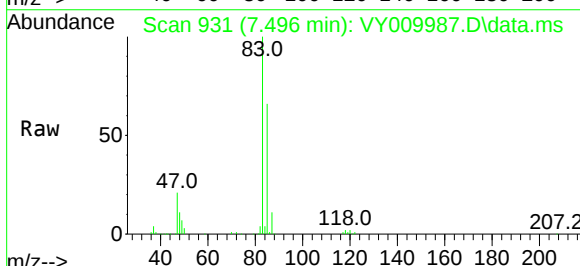
Acq: 12 Aug 2022 15:19

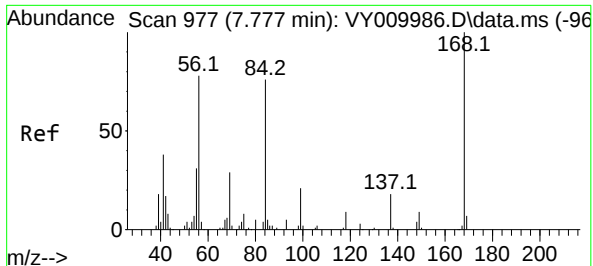
Tgt Ion: 83 Resp: 155815

Ion Ratio Lower Upper

83 100

85 65.9 50.5 75.7

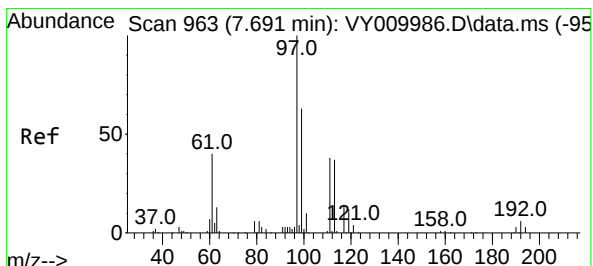
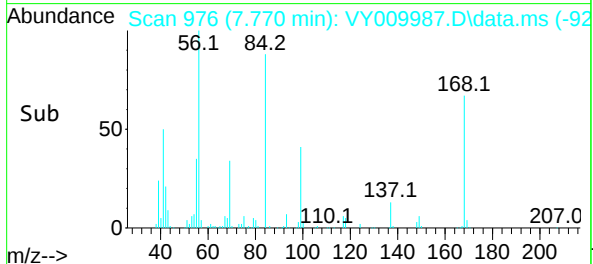
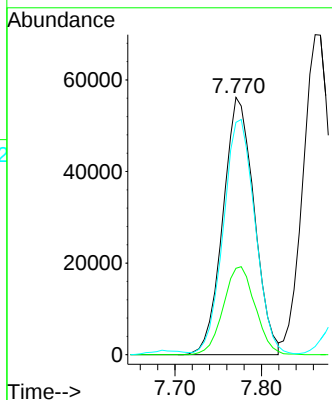
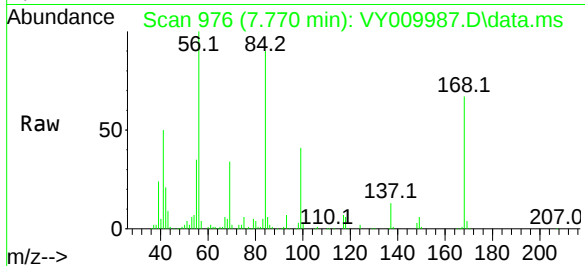




#31
Cyclohexane
Concen: 72.192 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

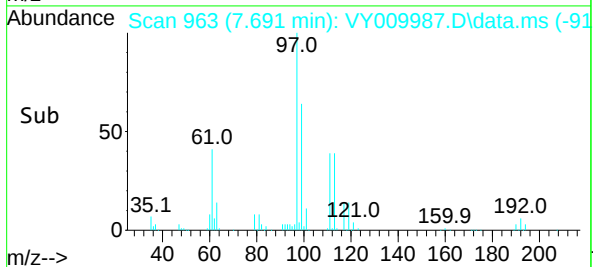
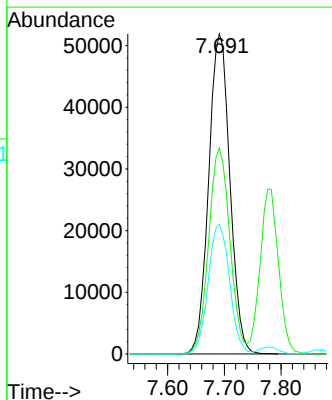
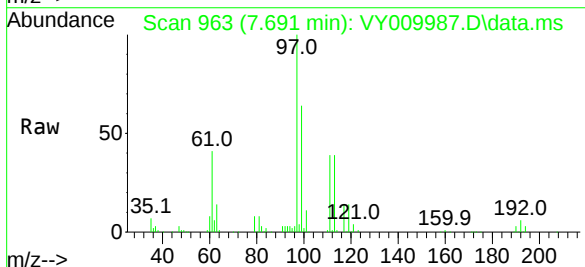
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

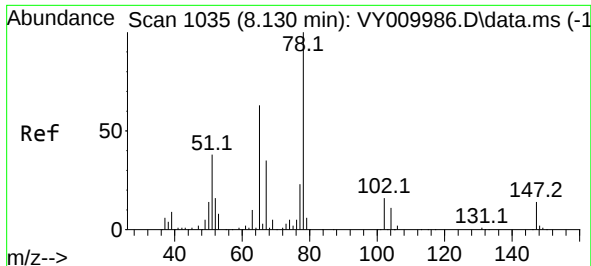
Tgt Ion: 56 Resp: 140829
Ion Ratio Lower Upper
56 100
69 33.6 26.0 39.0
84 89.0 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 73.034 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 97 Resp: 134688
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 41.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 71.239 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

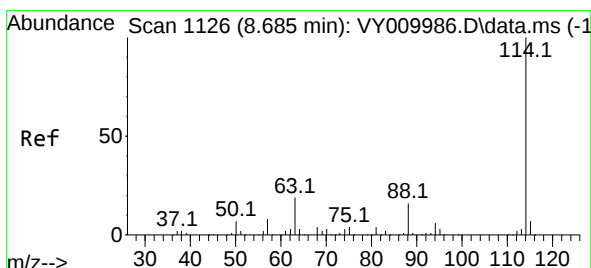
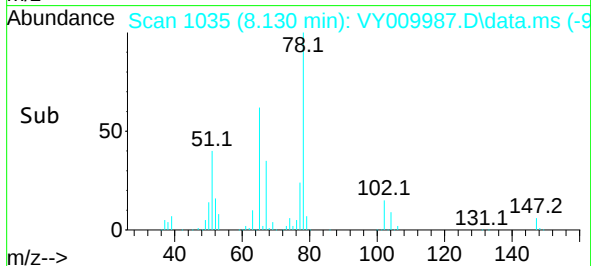
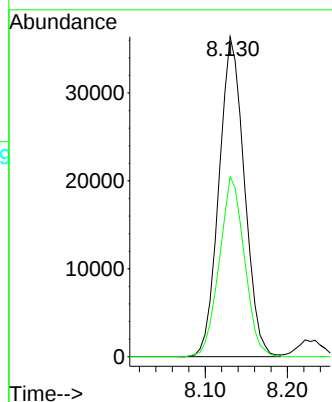
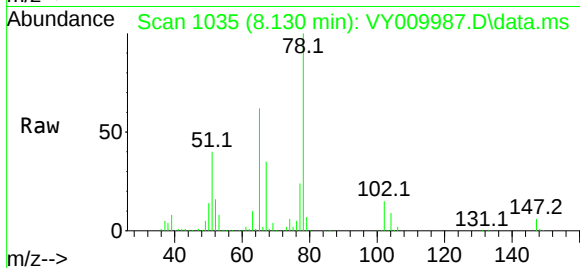
VSTDIC075

Tgt Ion: 65 Resp: 78040

Ion Ratio Lower Upper

65 100

67 55.7 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: VY009987.D

Acq: 12 Aug 2022 15:19

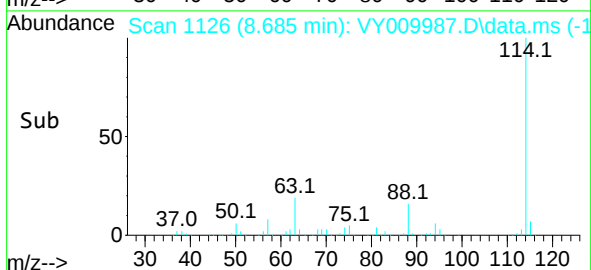
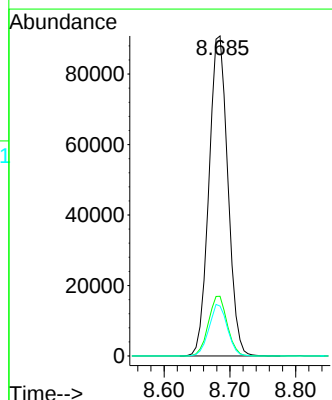
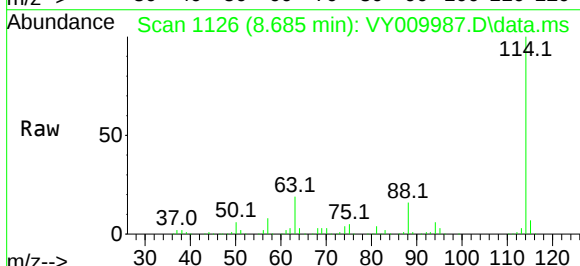
Tgt Ion:114 Resp: 181203

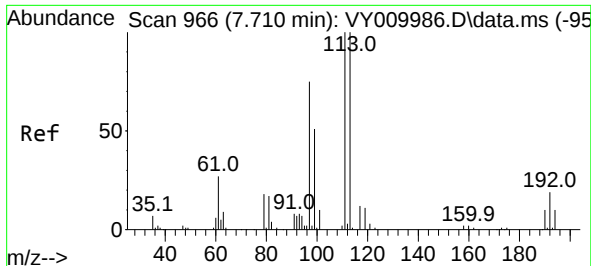
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

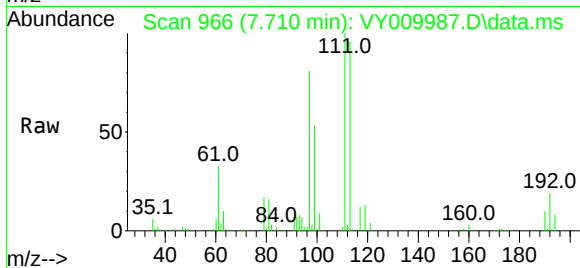
88 15.6 0.0 30.0



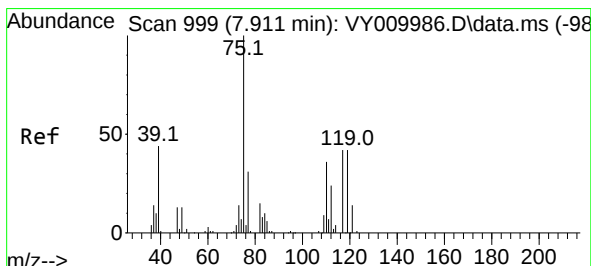
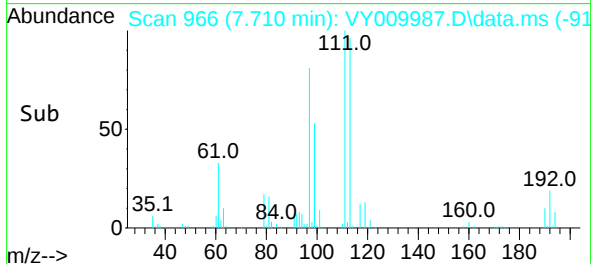
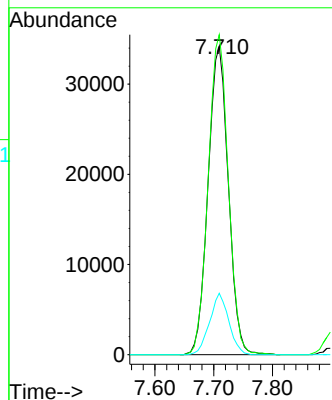


#35
Dibromofluoromethane
Concen: 73.665 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

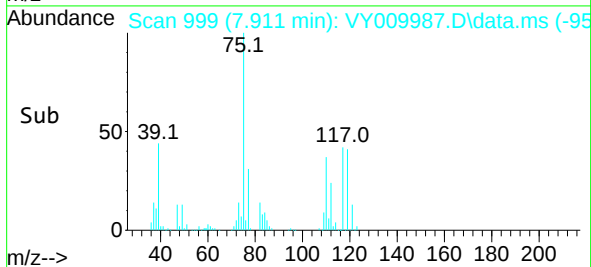
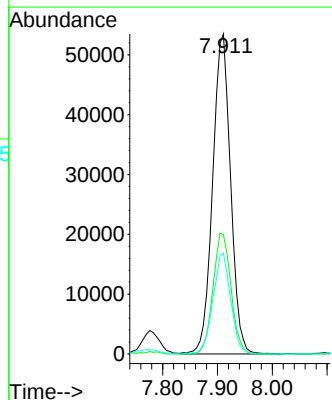
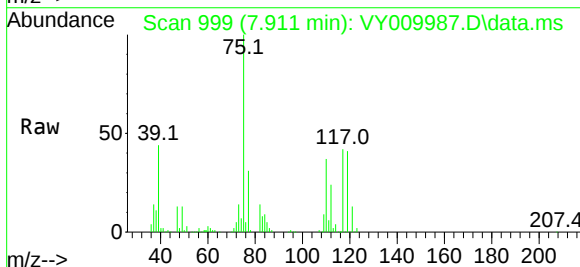


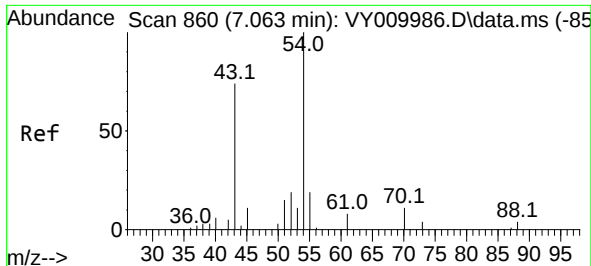
Tgt Ion:113 Resp: 81896
Ion Ratio Lower Upper
113 100
111 102.7 80.6 120.8
192 18.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 72.945 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 75 Resp: 121430
Ion Ratio Lower Upper
75 100
110 37.7 18.6 56.0
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 73.158 ug/l

RT: 7.063 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

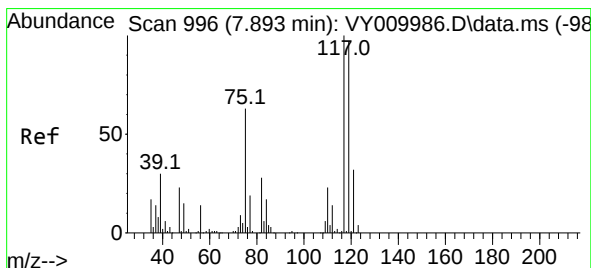
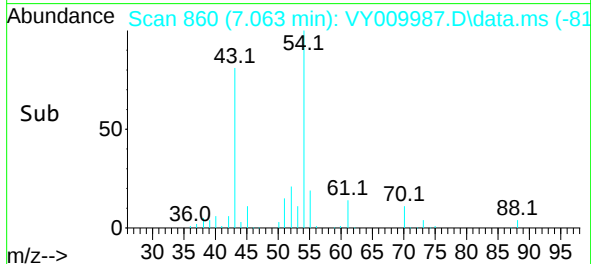
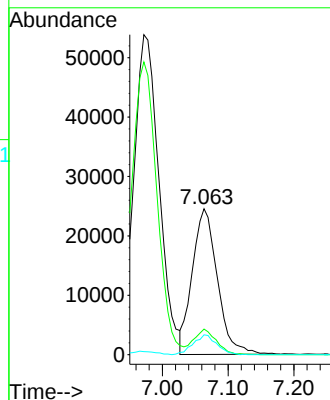
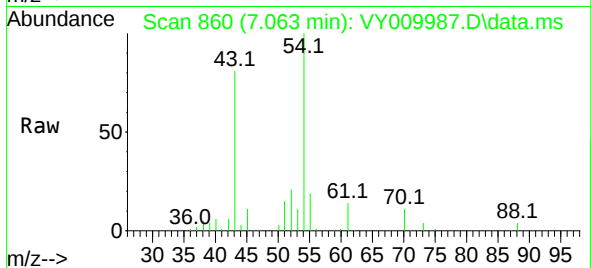
Tgt Ion: 43 Resp: 64959

Ion Ratio Lower Upper

43 100

61 15.9 11.2 16.8

70 12.8 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 73.188 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

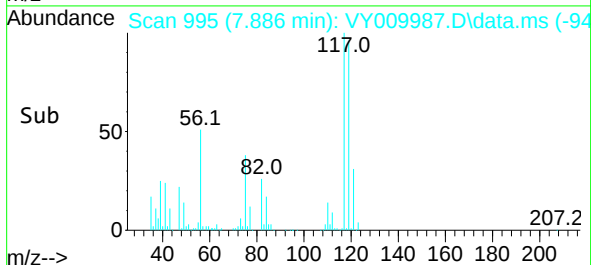
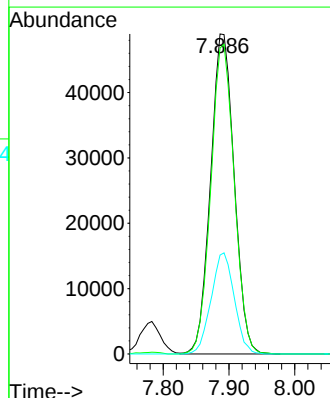
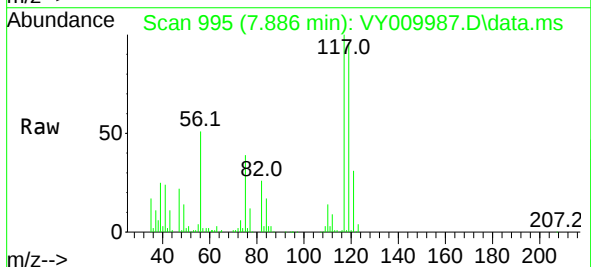
Tgt Ion: 117 Resp: 122403

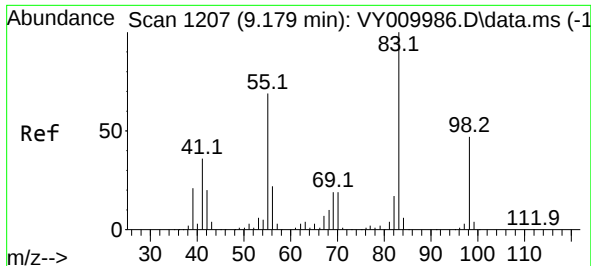
Ion Ratio Lower Upper

117 100

119 95.6 75.9 113.9

121 30.9 24.9 37.3





#39

Methylcyclohexane

Concen: 76.823 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

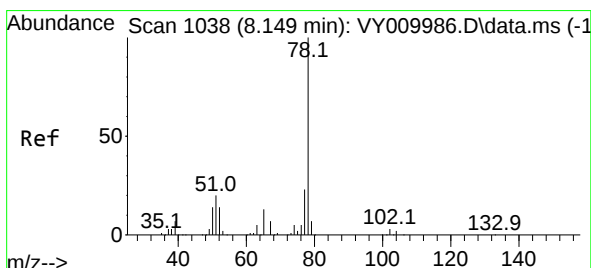
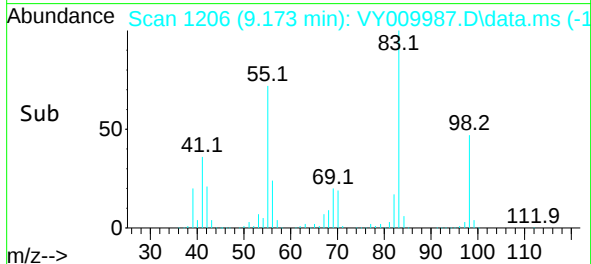
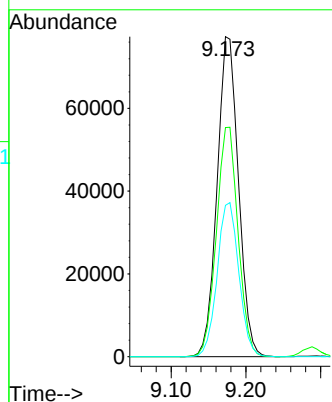
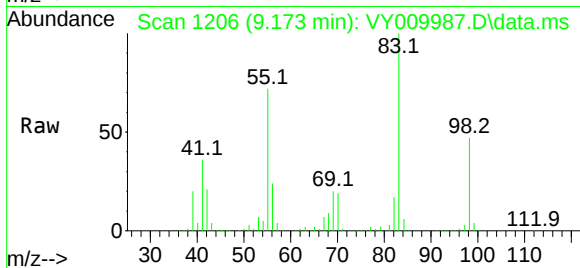
Tgt Ion: 83 Resp: 153945

Ion Ratio Lower Upper

83 100

55 71.6 56.7 85.1

98 47.3 39.9 59.9



#40

Benzene

Concen: 72.210 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY009987.D

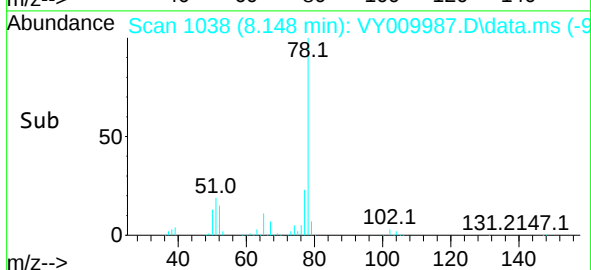
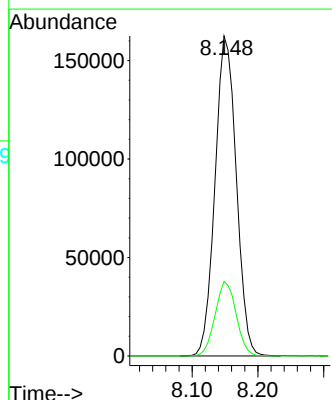
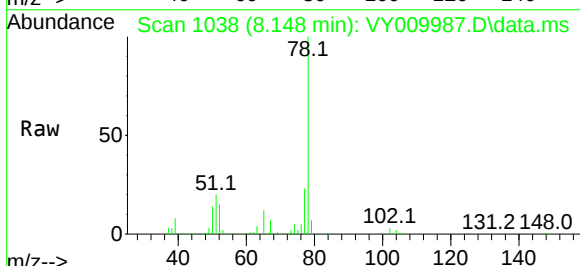
Acq: 12 Aug 2022 15:19

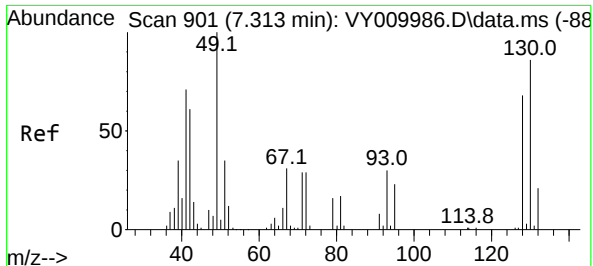
Tgt Ion: 78 Resp: 365362

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

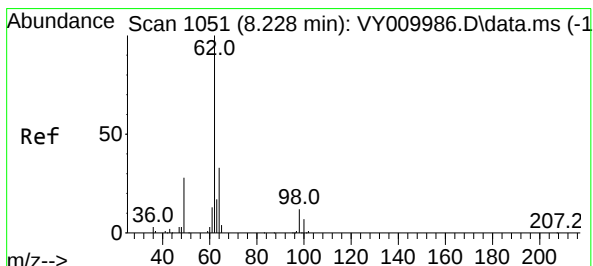
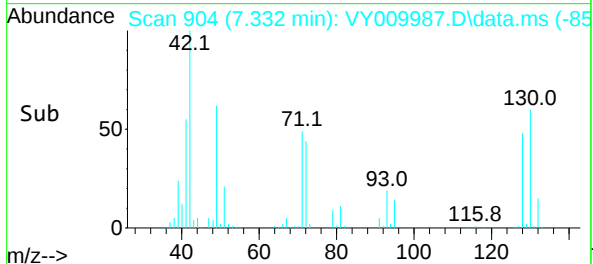
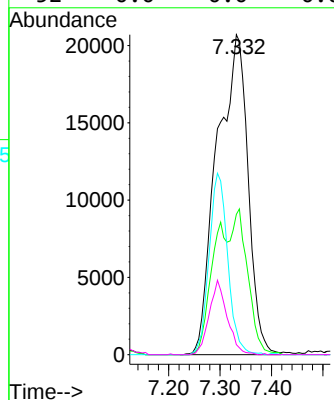
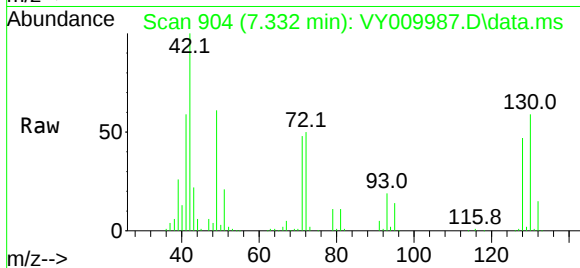




#41
Methacrylonitrile
Concen: 82.107 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

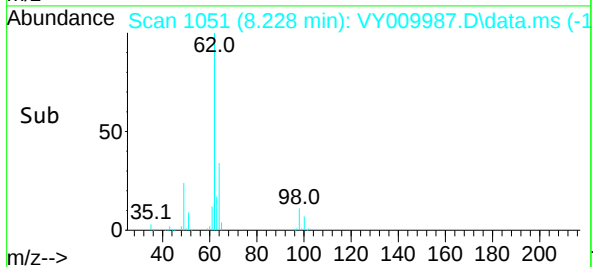
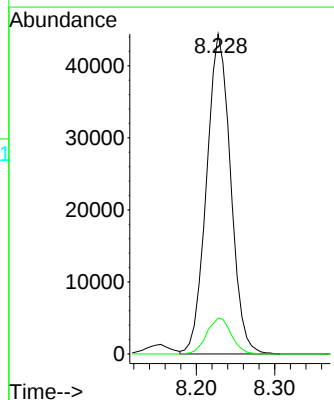
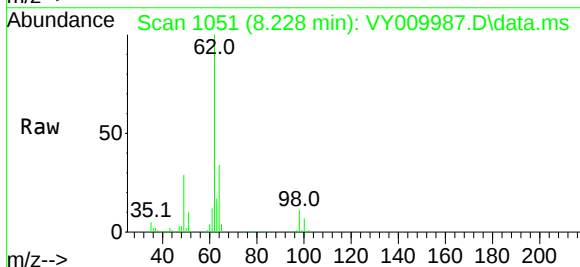
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

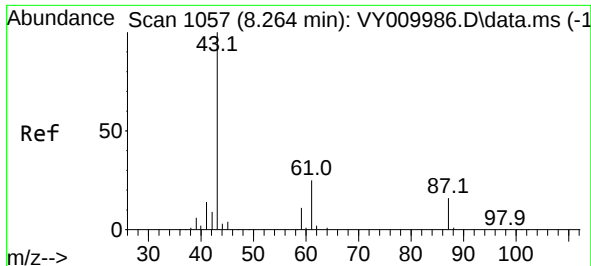
Tgt Ion: 41 Resp: 86454
Ion Ratio Lower Upper
41 100
39 22.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 72.516 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 62 Resp: 94783
Ion Ratio Lower Upper
62 100
98 11.4 0.0 20.6

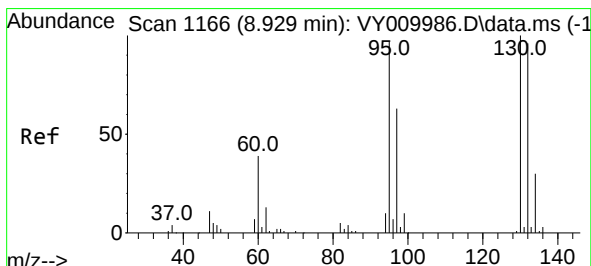
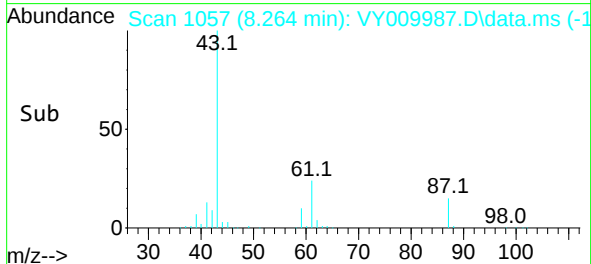
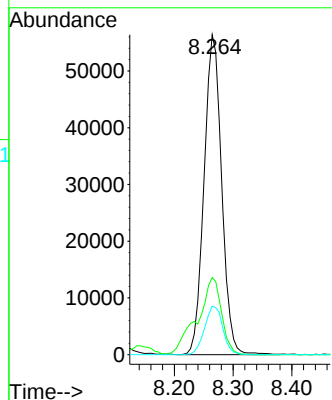
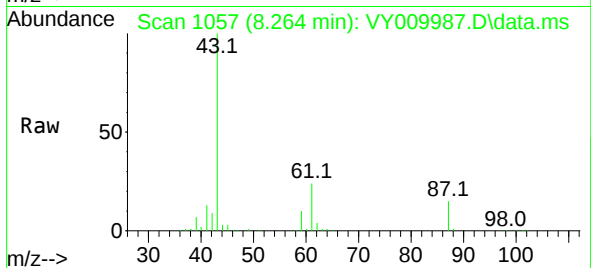




#43
Isopropyl Acetate
Concen: 75.869 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

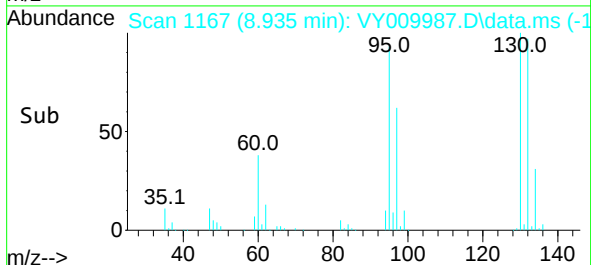
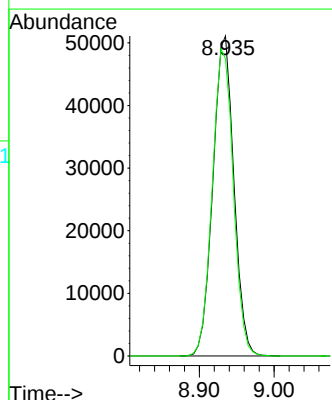
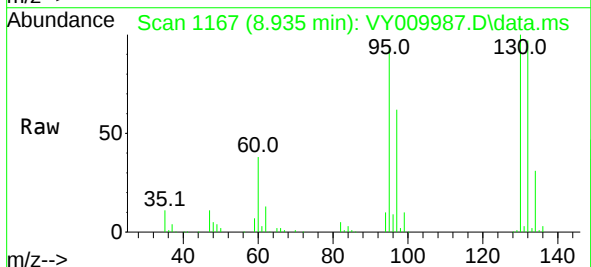
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

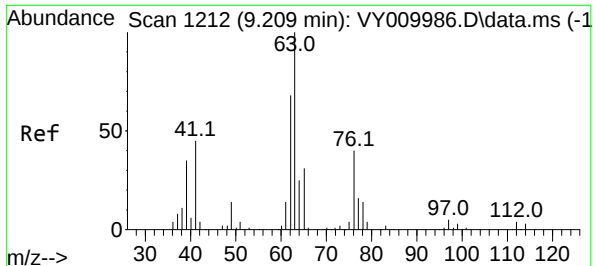
Tgt Ion: 43 Resp: 117688
Ion Ratio Lower Upper
43 100
61 33.0 23.6 35.4
87 15.6 11.3 16.9



#44
Trichloroethene
Concen: 73.320 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion:130 Resp: 99671
Ion Ratio Lower Upper
130 100
95 92.8 0.0 194.6





#45

1,2-Dichloropropane

Concen: 73.446 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

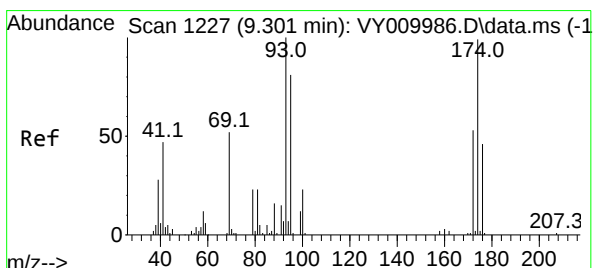
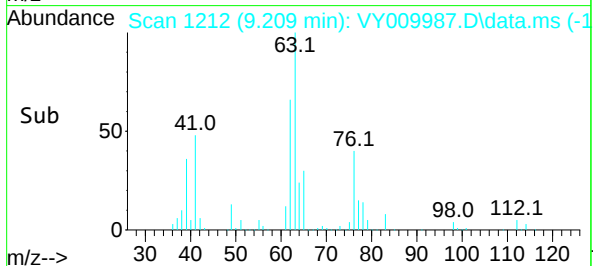
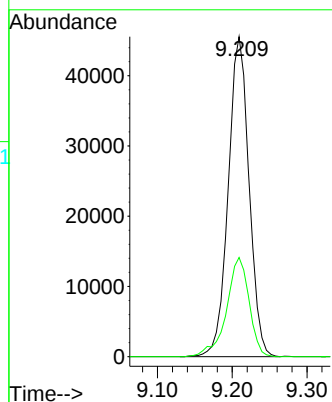
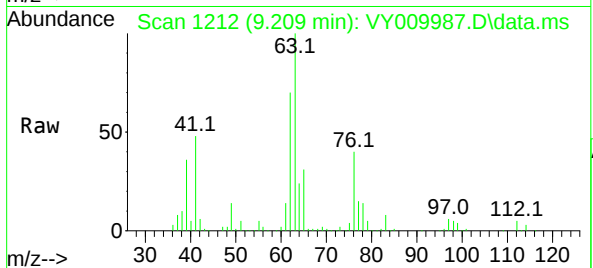
VSTDICC075

Tgt Ion: 63 Resp: 88219

Ion Ratio Lower Upper

63 100

65 31.0 23.7 35.5



#46

Dibromomethane

Concen: 72.880 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

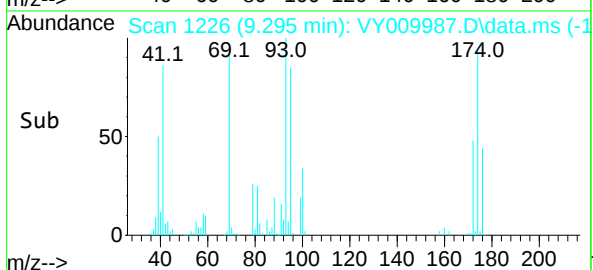
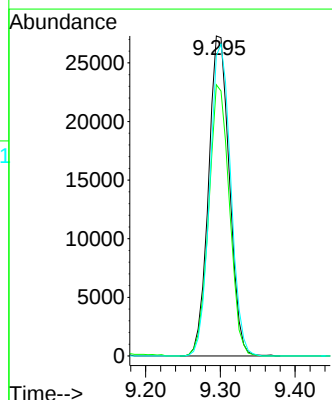
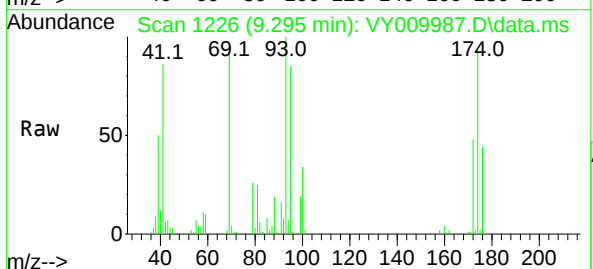
Tgt Ion: 93 Resp: 52948

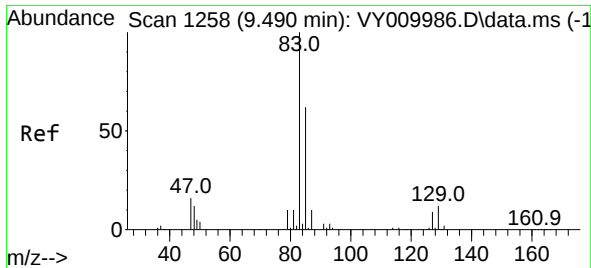
Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

174 97.6 80.6 120.8

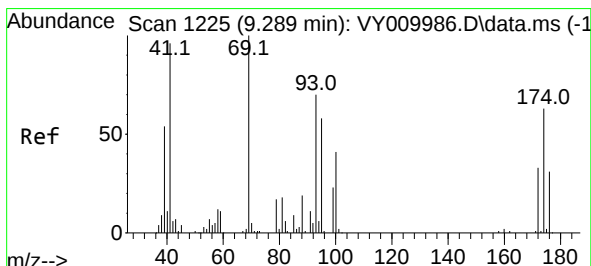
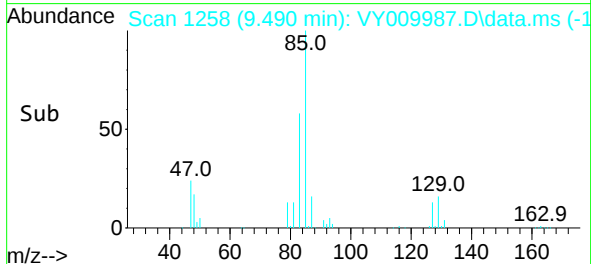
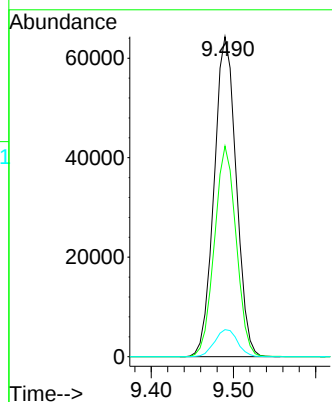
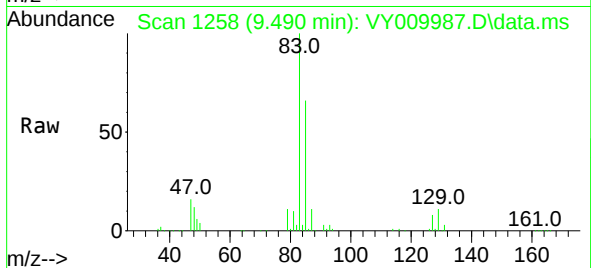




#47
Bromodichloromethane
Concen: 74.273 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

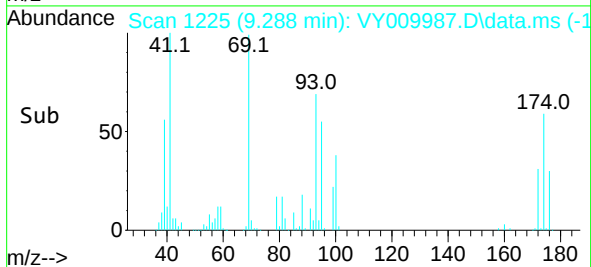
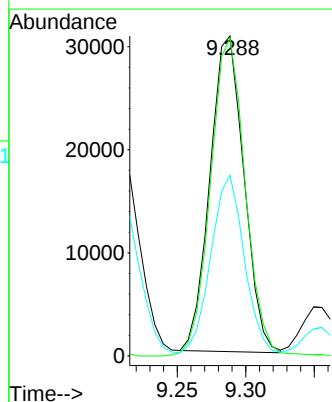
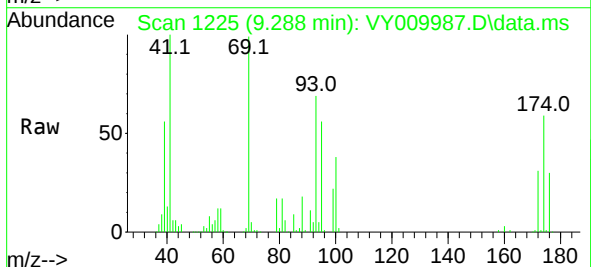
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

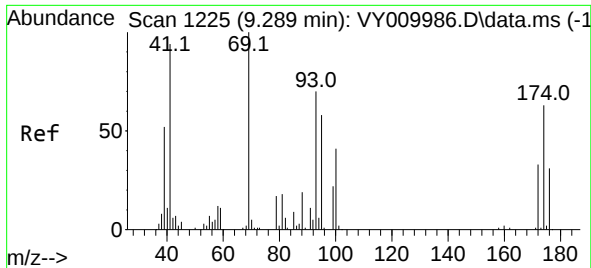
Tgt Ion: 83 Resp: 120058
Ion Ratio Lower Upper
83 100
85 65.8 51.2 76.8
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 77.798 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 41 Resp: 52777
Ion Ratio Lower Upper
41 100
69 103.0 73.2 109.8
39 54.9 47.5 71.3





#49

1,4-Dioxane

Concen: 1683.053 ug/l

RT: 9.288 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

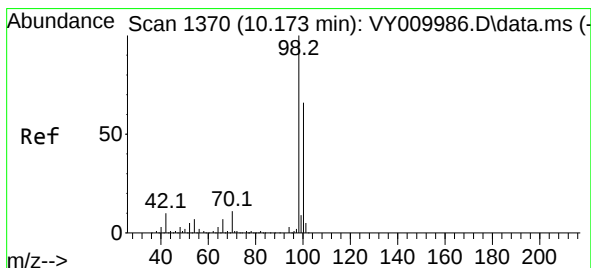
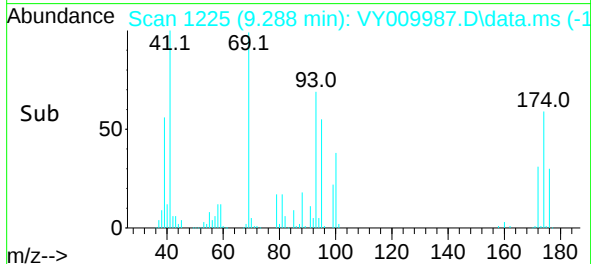
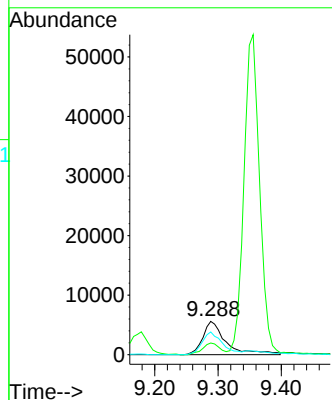
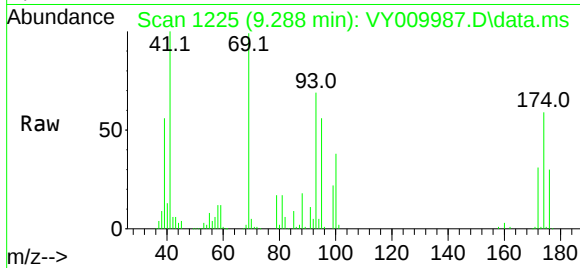
Tgt Ion: 88 Resp: 14261

Ion Ratio Lower Upper

88 100

43 26.4 26.3 39.5

58 59.7 52.6 79.0



#50

Toluene-d8

Concen: 73.289 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009987.D

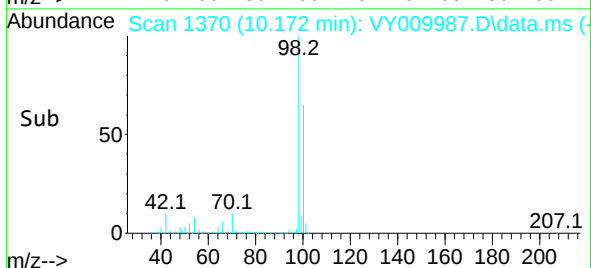
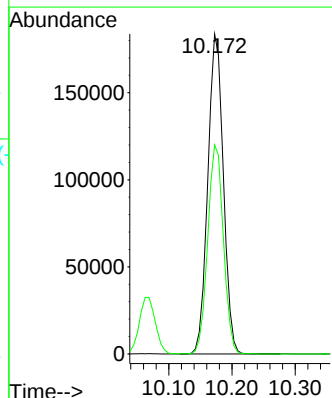
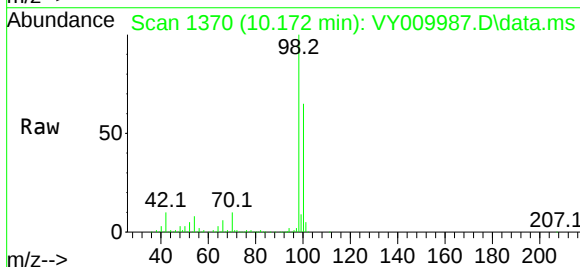
Acq: 12 Aug 2022 15:19

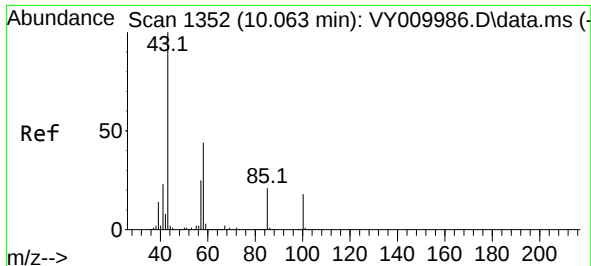
Tgt Ion: 98 Resp: 314054

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3

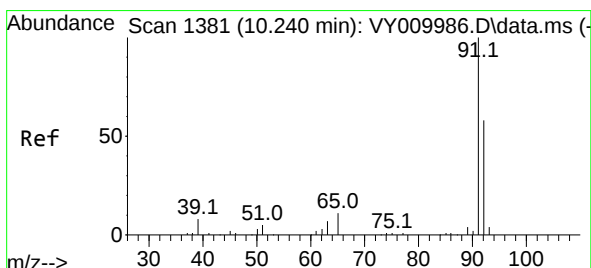
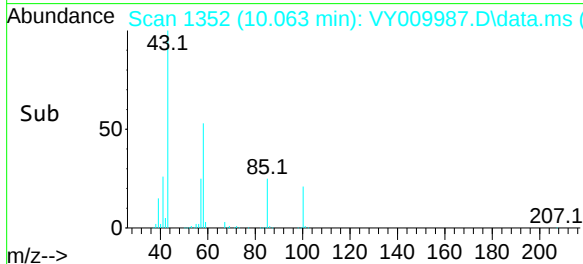
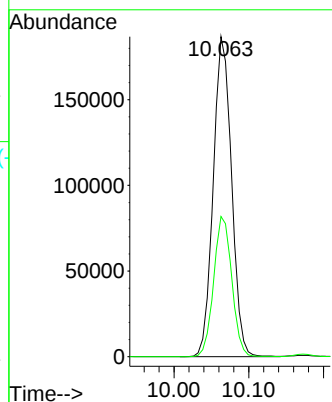
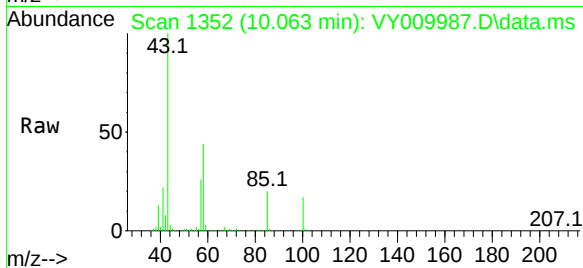




#51
4-Methyl-2-Pentanone
Concen: 376.137 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

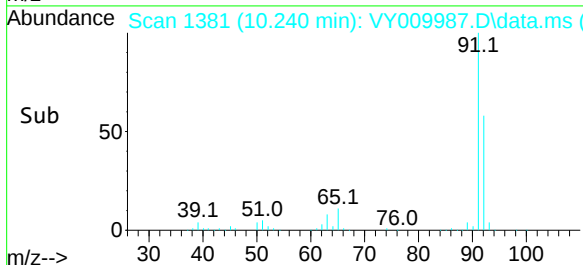
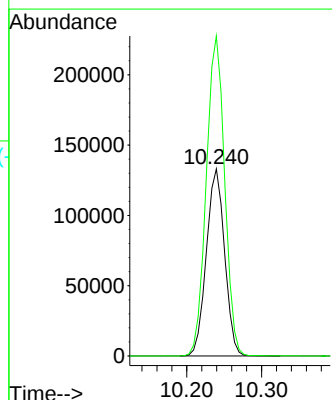
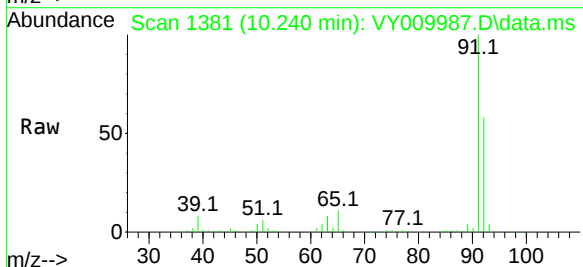
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

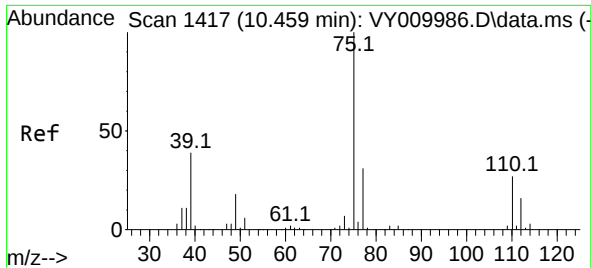
Tgt Ion: 43 Resp: 317818
Ion Ratio Lower Upper
43 100
58 43.4 31.5 47.3



#52
Toluene
Concen: 74.236 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 92 Resp: 225249
Ion Ratio Lower Upper
92 100
91 172.4 138.7 208.1

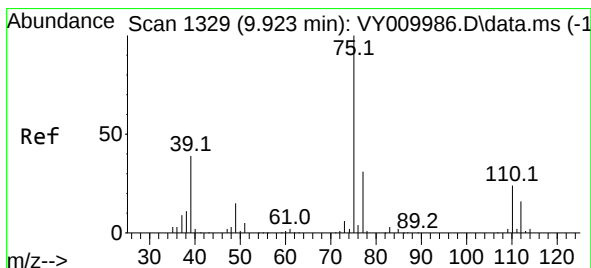
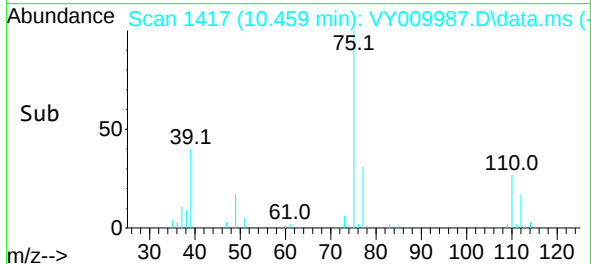
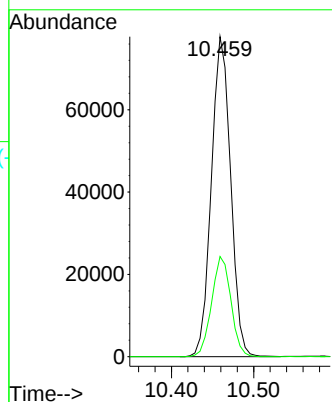
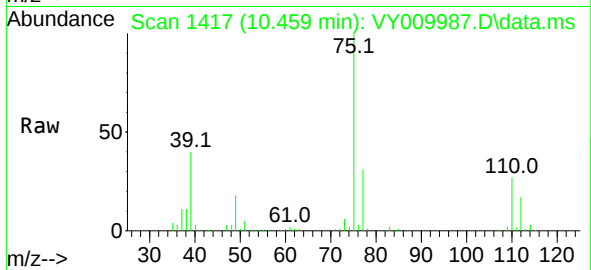




#53
t-1,3-Dichloropropene
Concen: 76.066 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

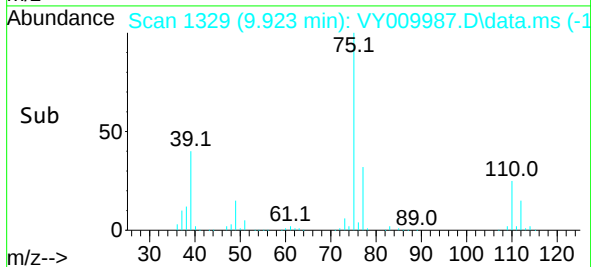
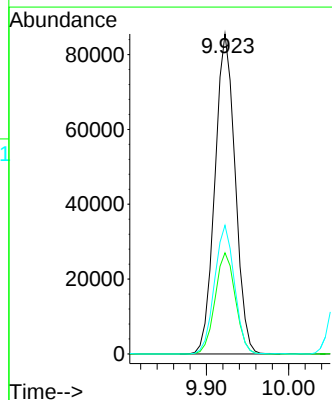
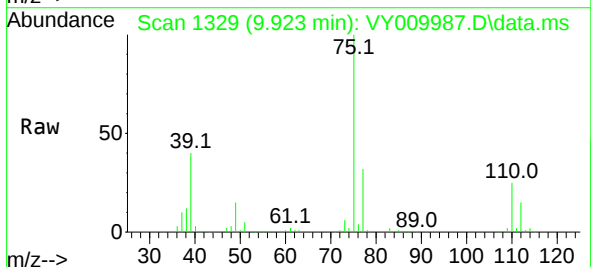
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

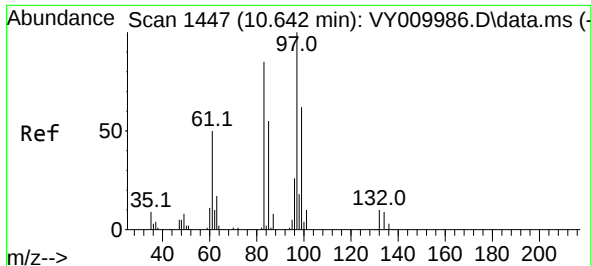
Tgt Ion: 75 Resp: 126599
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 76.088 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 75 Resp: 146051
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 40.2 35.8 53.8

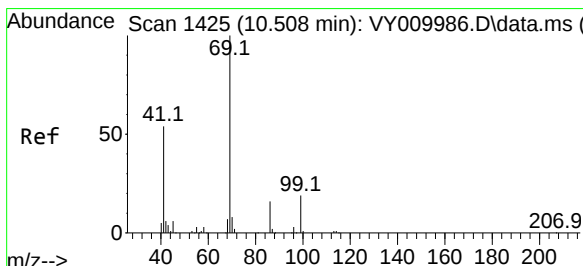
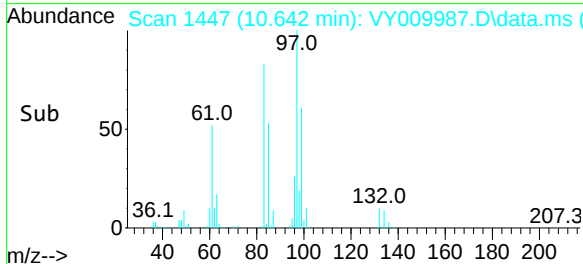
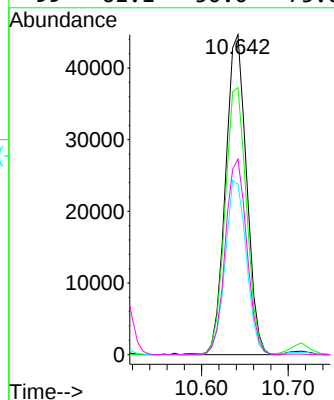
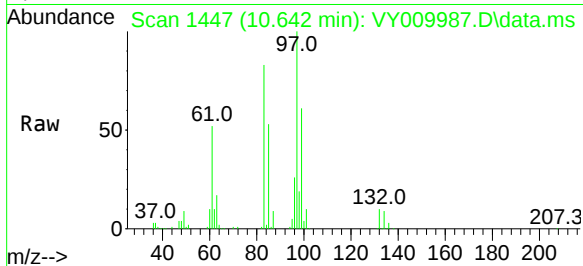




#55
1,1,2-Trichloroethane
Concen: 72.608 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

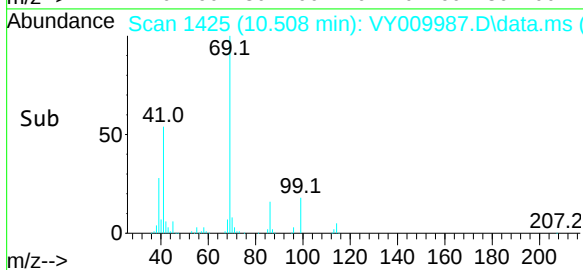
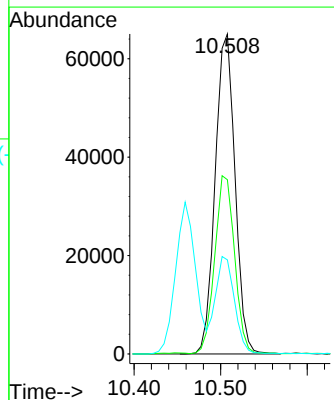
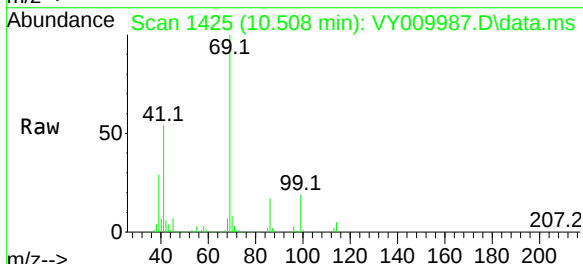
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

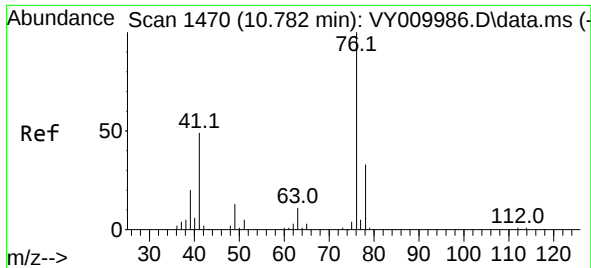
Tgt Ion:	97	Resp:	75396
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.9	100.3
85	53.2	44.2	66.4
99	61.1	50.0	75.0



#56
Ethyl methacrylate
Concen: 80.331 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion:	69	Resp:	103550
Ion	Ratio	Lower	Upper
69	100		
41	55.6	50.4	75.6
39	29.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 73.505 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

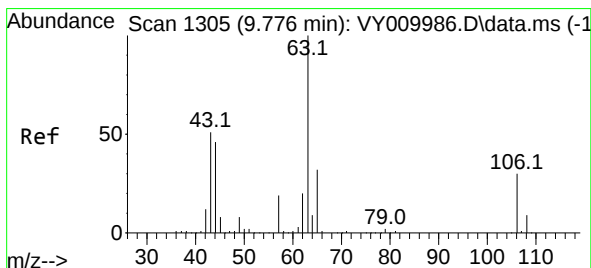
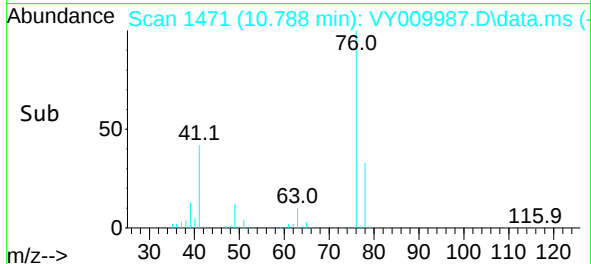
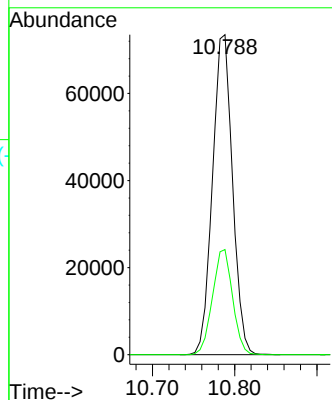
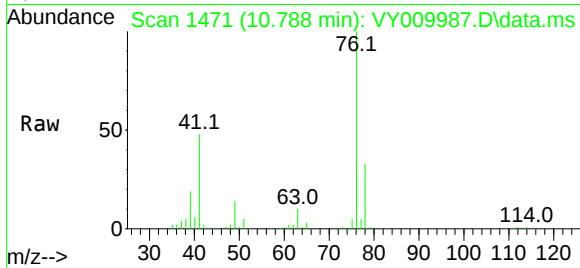
VSTDIC075

Tgt Ion: 76 Resp: 124212

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 339.037 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009987.D

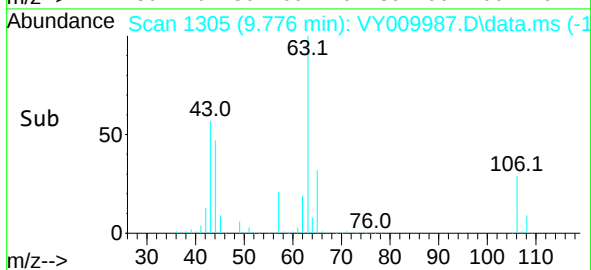
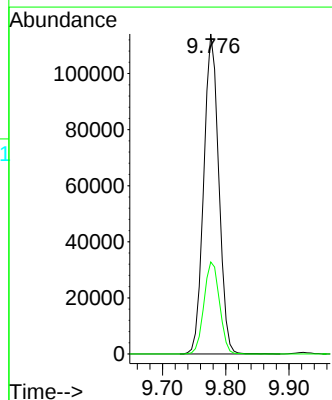
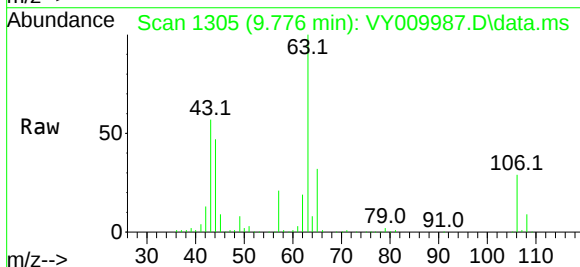
Acq: 12 Aug 2022 15:19

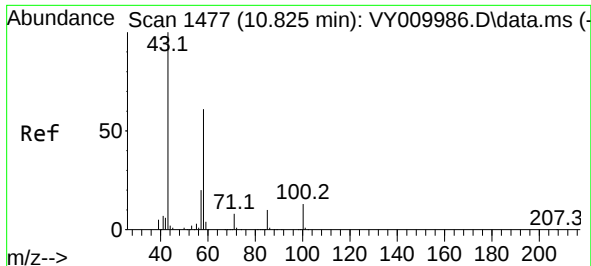
Tgt Ion: 63 Resp: 188841

Ion Ratio Lower Upper

63 100

106 29.7 23.3 34.9

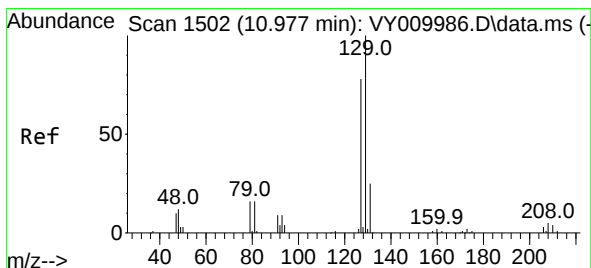
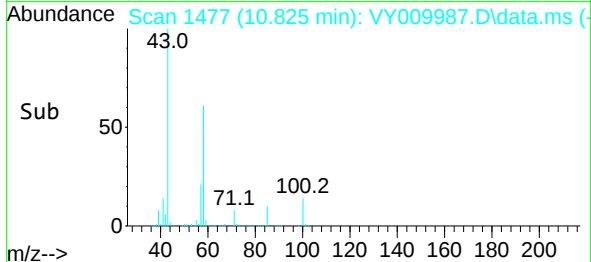
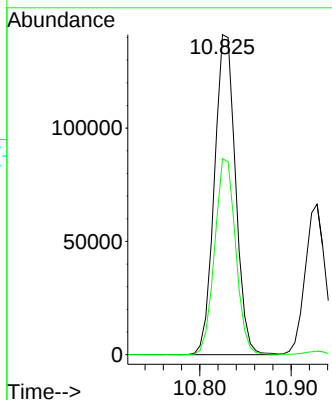
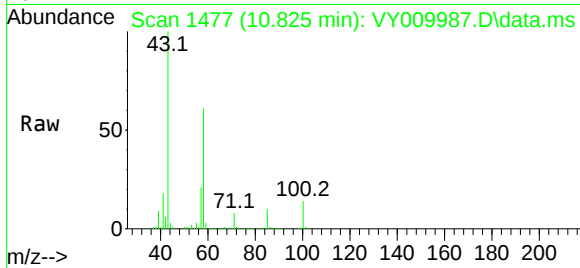




#59
2-Hexanone
Concen: 386.262 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

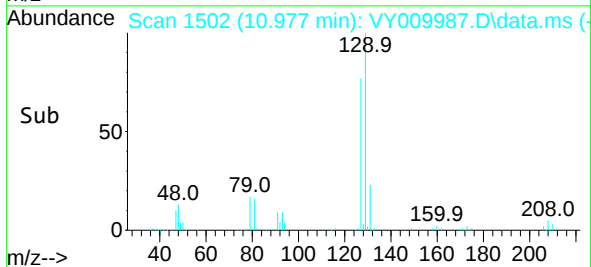
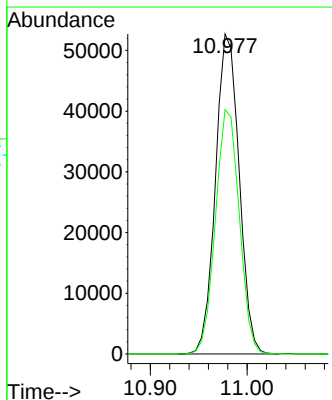
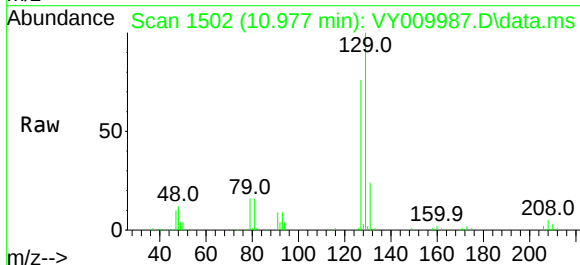
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

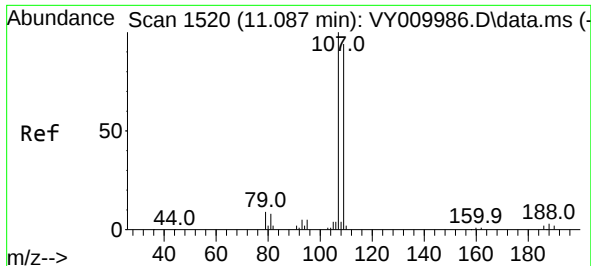
Tgt Ion: 43 Resp: 227001
Ion Ratio Lower Upper
43 100
58 60.8 27.6 82.8



#60
Dibromochloromethane
Concen: 74.705 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 129 Resp: 89392
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

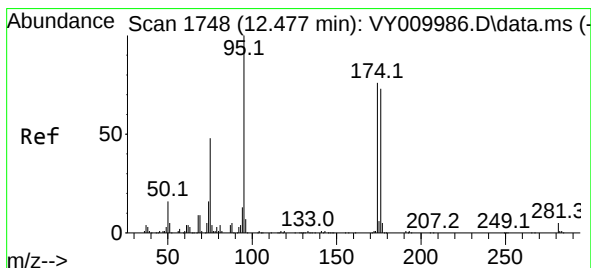
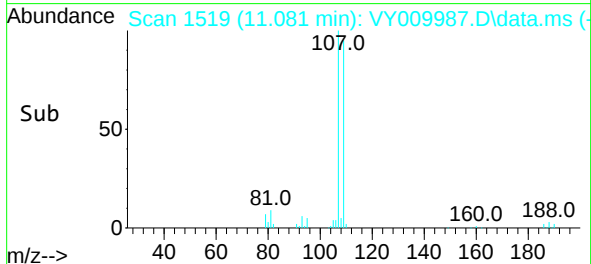
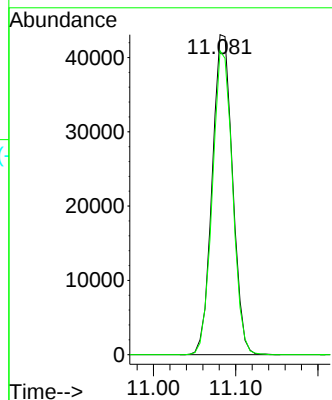
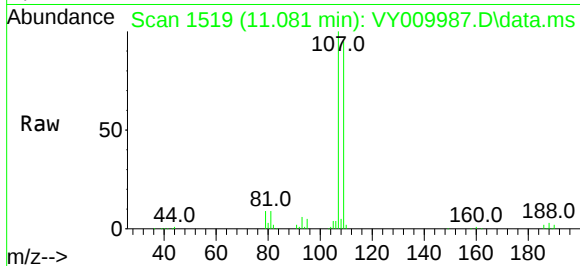




#61
1,2-Dibromoethane
Concen: 74.349 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

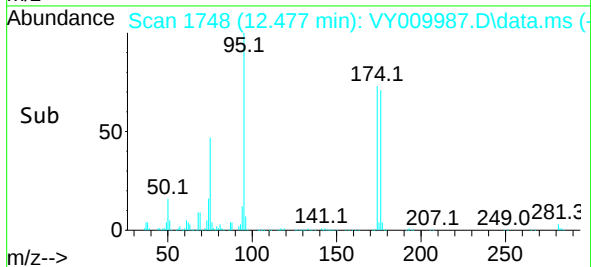
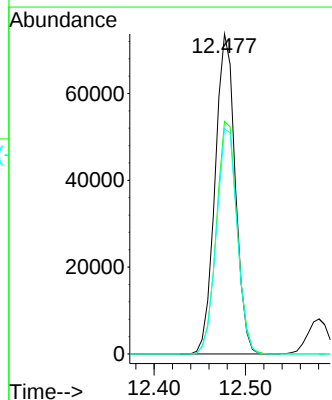
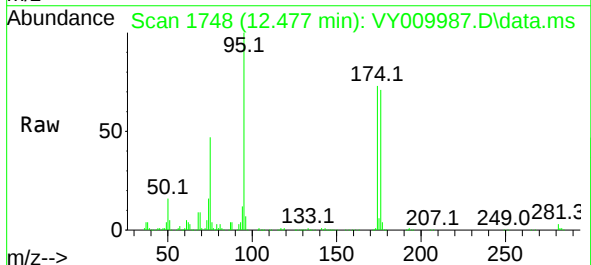
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

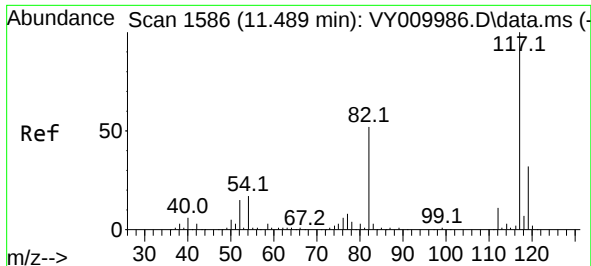
Tgt Ion:107 Resp: 73954
Ion Ratio Lower Upper
107 100
109 93.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 73.991 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 95 Resp: 112936
Ion Ratio Lower Upper
95 100
174 74.9 0.0 173.8
176 72.4 0.0 167.0

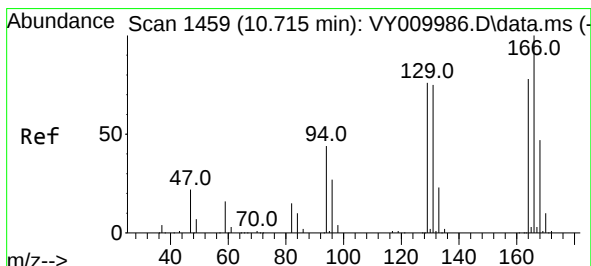
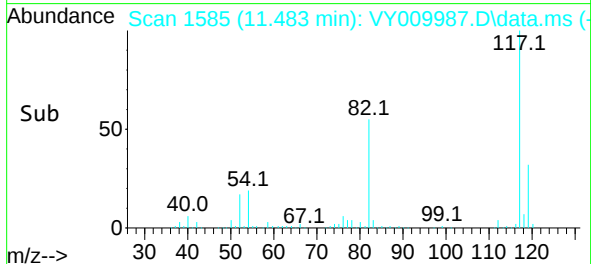
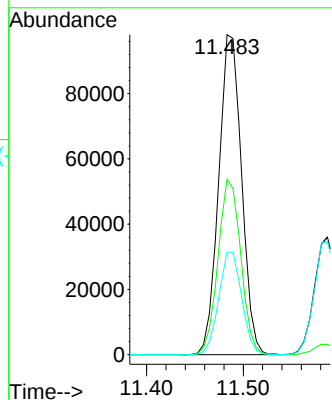
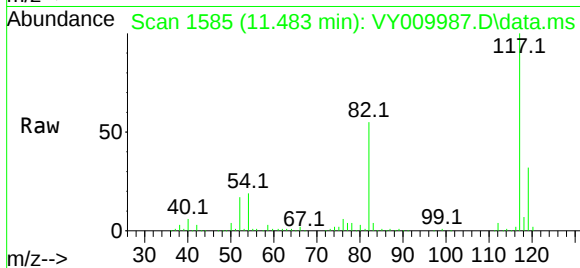




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

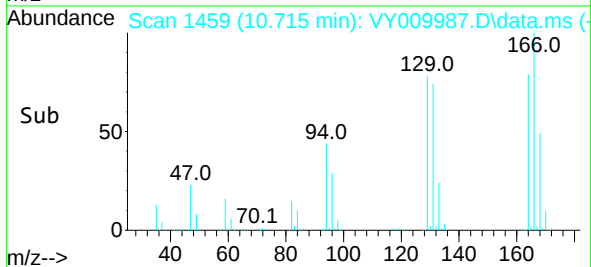
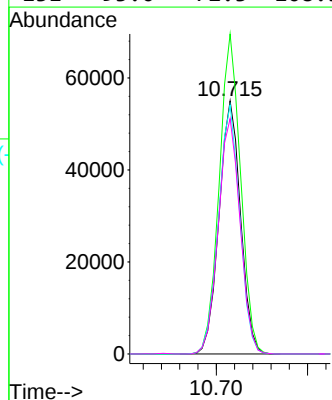
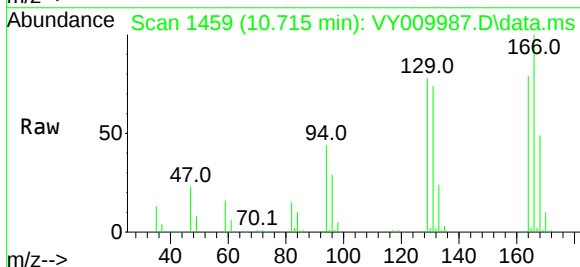
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

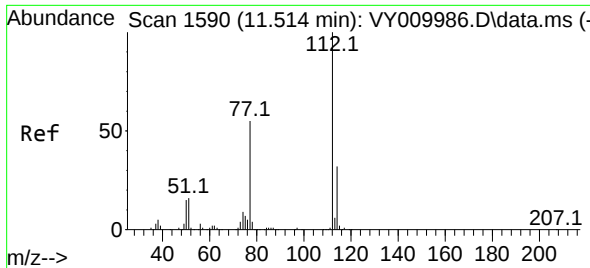
Tgt Ion:117 Resp: 161126
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.6
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 77.898 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion:164 Resp: 89710
Ion Ratio Lower Upper
164 100
166 126.4 104.9 157.3
129 98.3 76.5 114.7
131 93.0 72.3 108.5

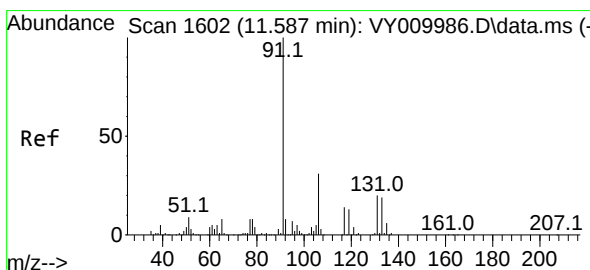
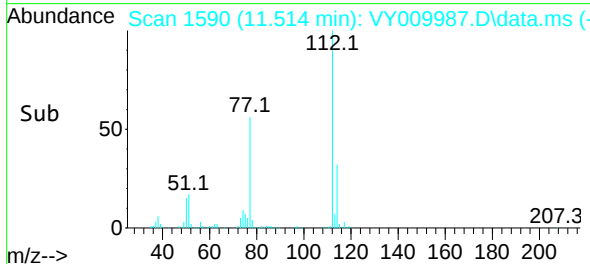
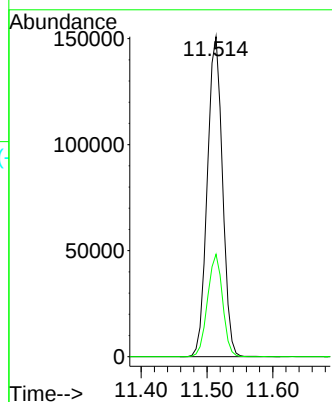
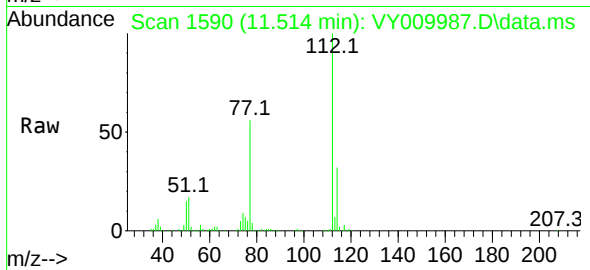




#65
Chlorobenzene
Concen: 73.572 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

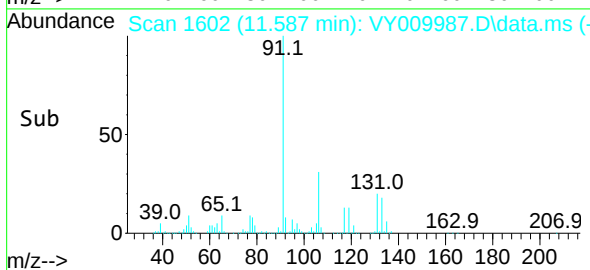
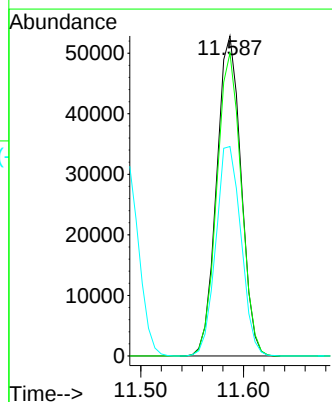
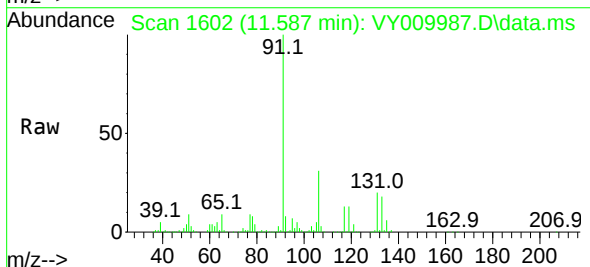
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

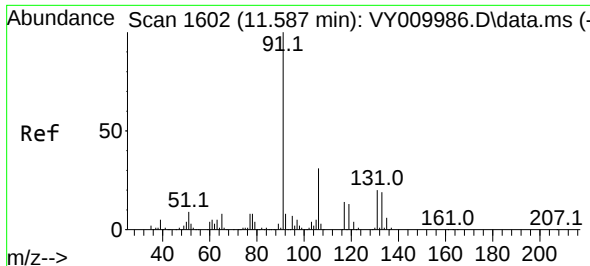
Tgt Ion:112 Resp: 241870
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 73.778 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion:131 Resp: 87127
Ion Ratio Lower Upper
131 100
133 94.5 47.3 142.0
119 67.7 32.1 96.3

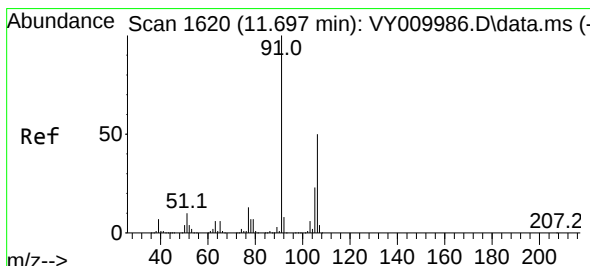
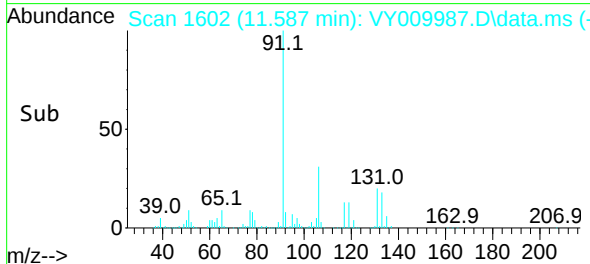
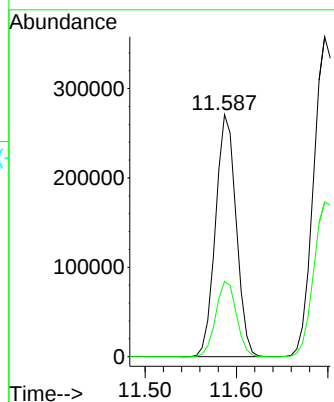
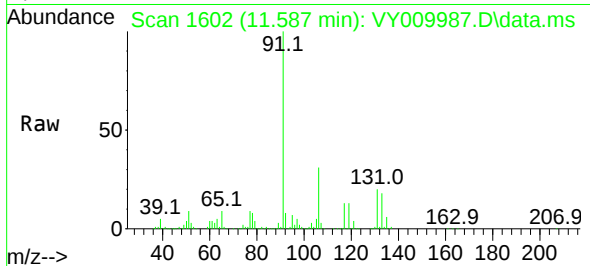




#67
Ethyl Benzene
Concen: 76.599 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

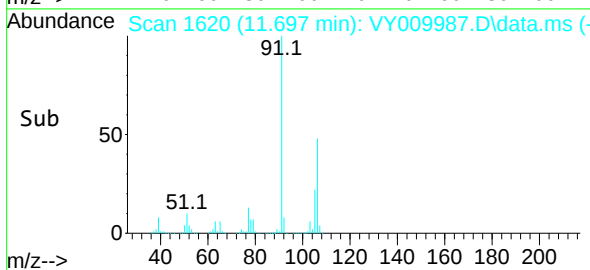
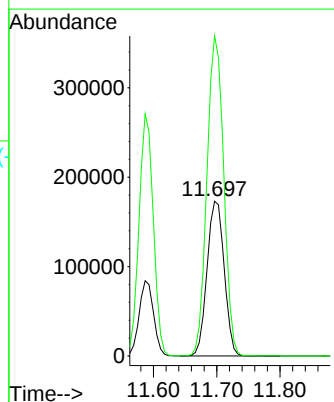
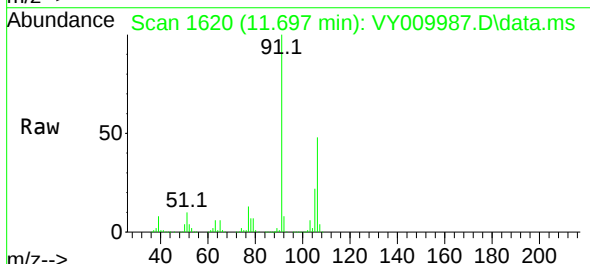
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

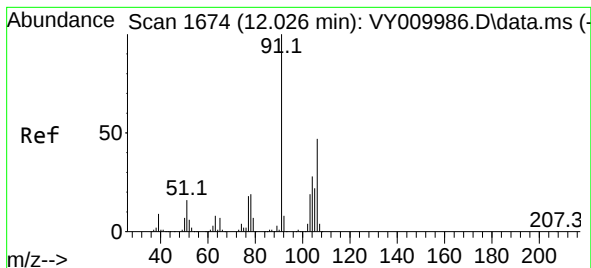
Tgt Ion: 91 Resp: 424426
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.4



#68
m/p-Xylenes
Concen: 154.932 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 106 Resp: 326335
Ion Ratio Lower Upper
106 100
91 202.5 156.2 234.2





#69

o-Xylene

Concen: 77.324 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

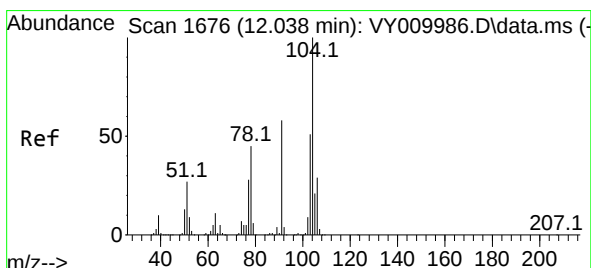
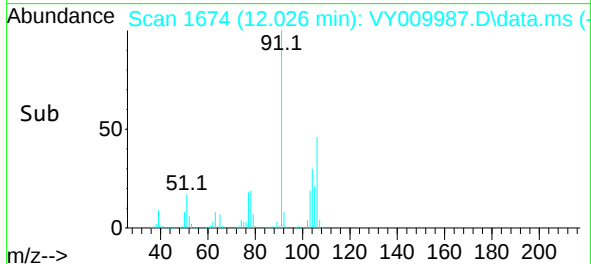
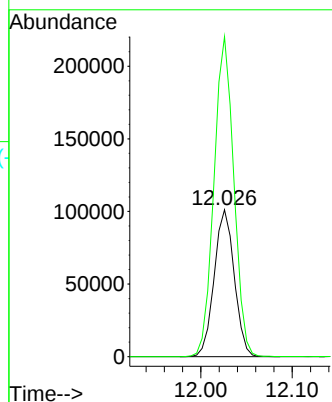
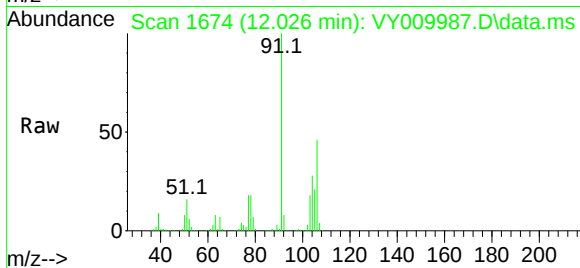
VSTDIC075

Tgt Ion:106 Resp: 154245

Ion Ratio Lower Upper

106 100

91 215.5 103.2 309.4



#70

Styrene

Concen: 78.057 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

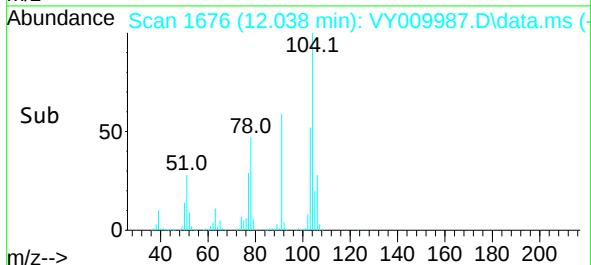
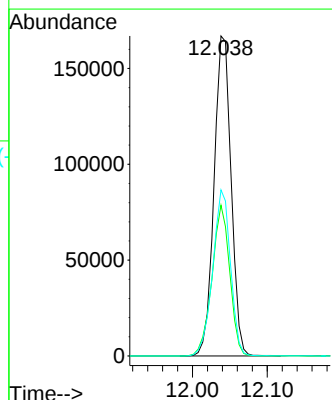
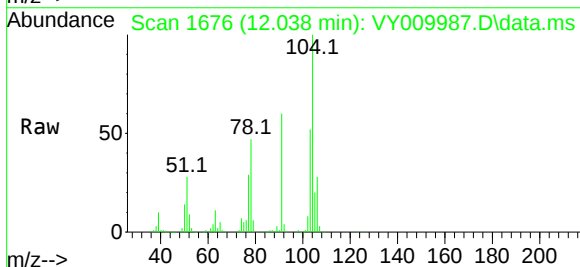
Tgt Ion:104 Resp: 265554

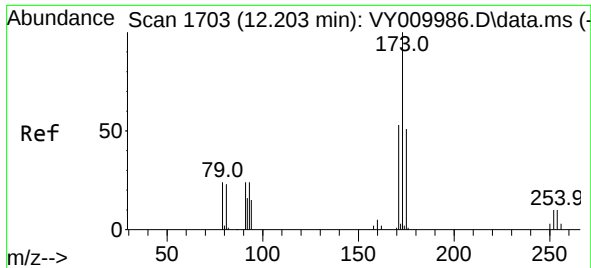
Ion Ratio Lower Upper

104 100

78 49.0 38.6 57.8

103 54.0 43.3 64.9

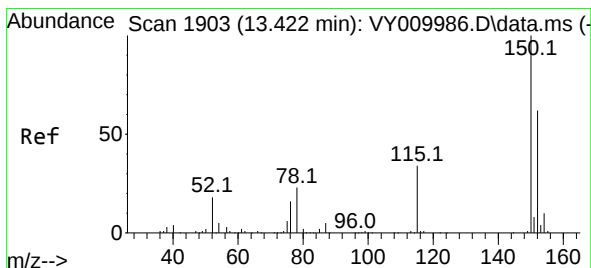
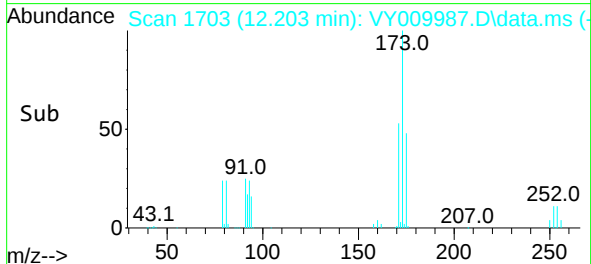
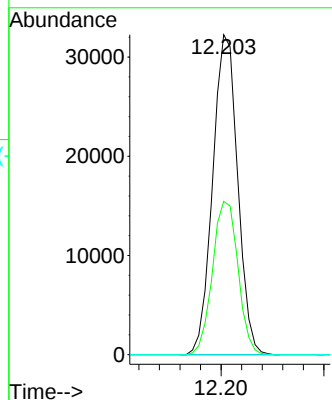
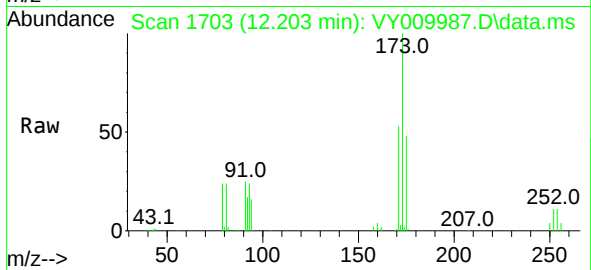




#71
Bromoform
Concen: 77.029 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

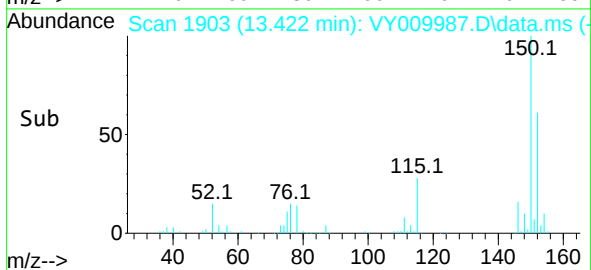
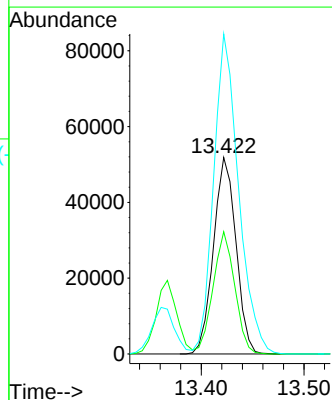
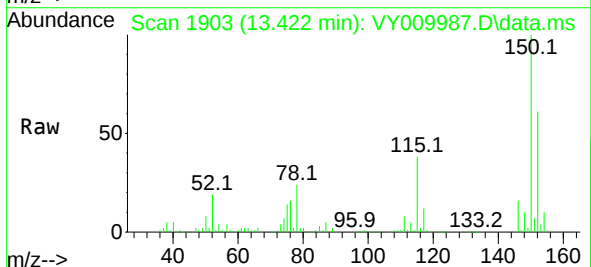
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

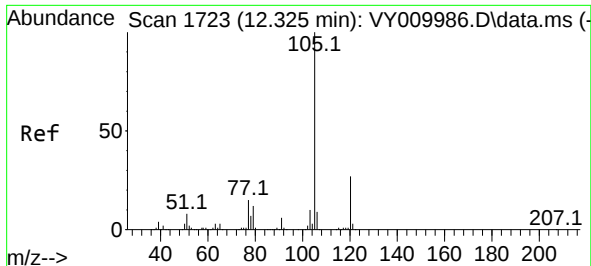
Tgt Ion:173 Resp: 54365
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion:152 Resp: 78995
Ion Ratio Lower Upper
152 100
115 59.9 28.6 85.9
150 180.1 0.0 349.8

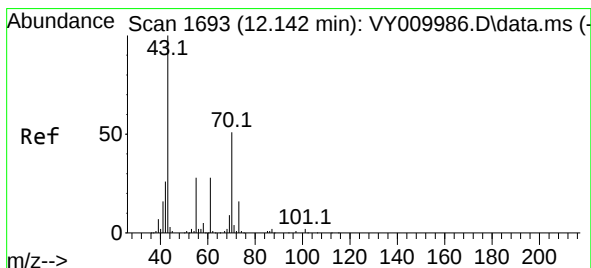
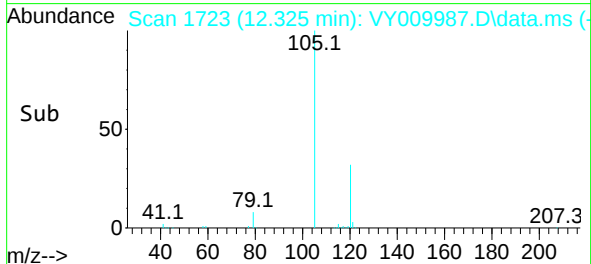
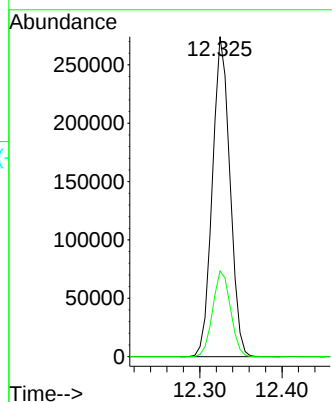
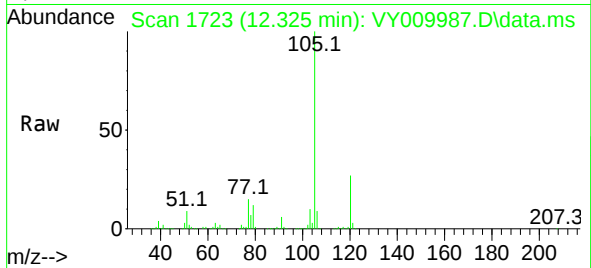




#73
Isopropylbenzene
Concen: 76.729 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

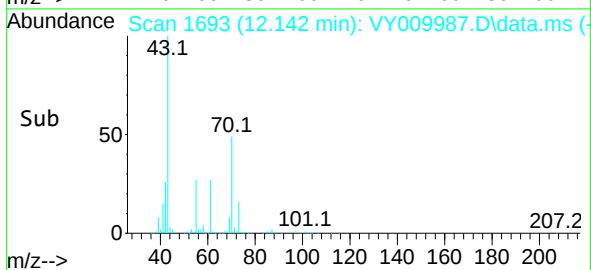
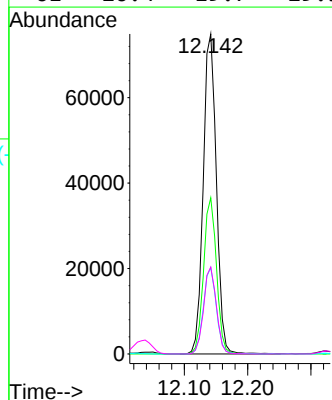
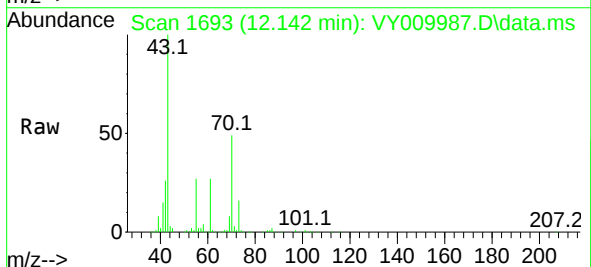
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

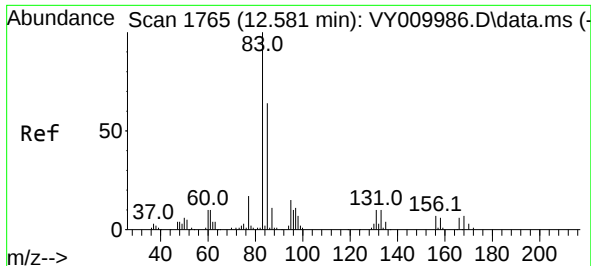
Tgt Ion:105 Resp: 407128
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1



#74
N-ethyl acetate
Concen: 78.050 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 43 Resp: 108291
Ion Ratio Lower Upper
43 100
70 48.1 35.6 53.4
55 26.5 19.5 29.3
61 26.4 19.7 29.5

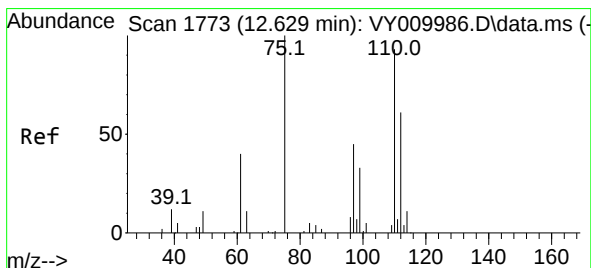
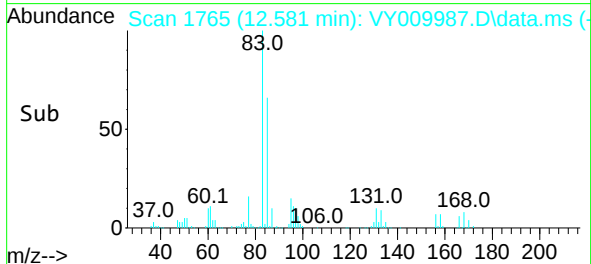
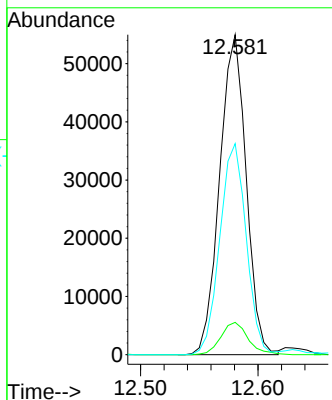
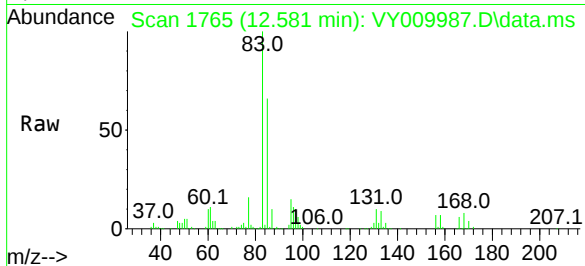




#75
1,1,2,2-Tetrachloroethane
Concen: 70.474 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

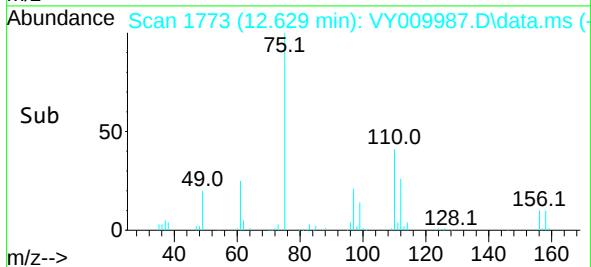
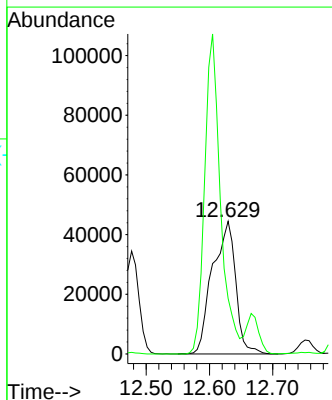
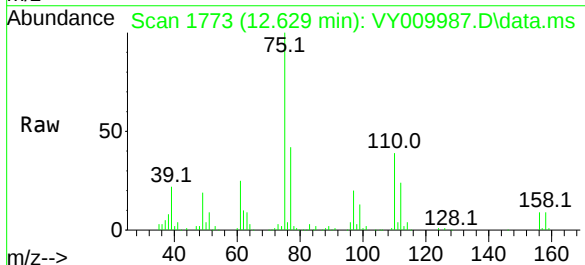
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

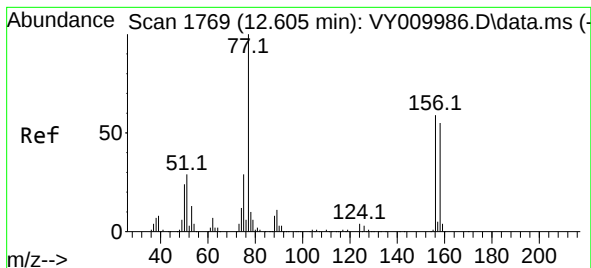
Tgt Ion: 83 Resp: 86249
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 65.9 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 77.492 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 75 Resp: 113256
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 72.747 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

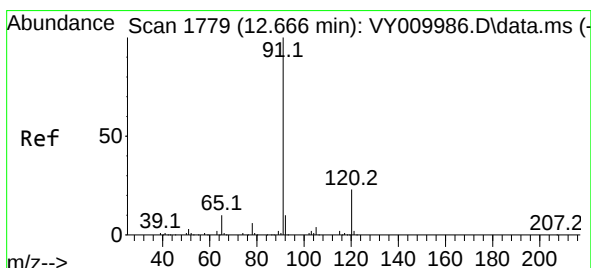
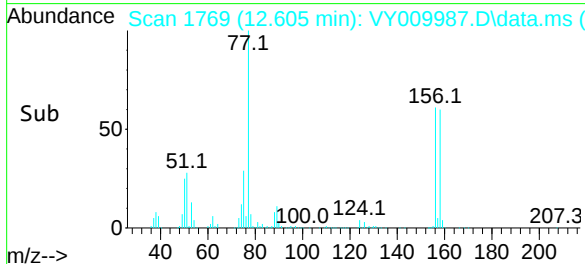
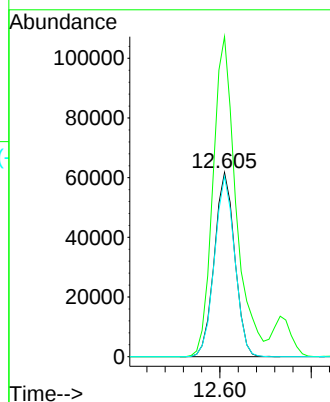
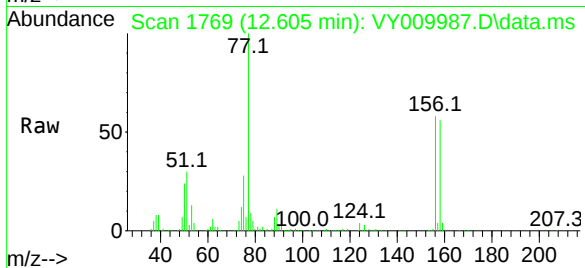
Tgt Ion:156 Resp: 95493

Ion Ratio Lower Upper

156 100

77 196.0 88.1 264.3

158 97.3 48.6 145.8



#78

n-propylbenzene

Concen: 74.010 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY009987.D

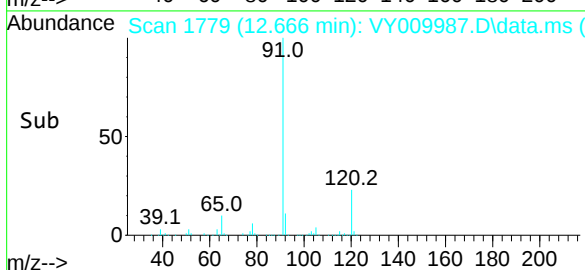
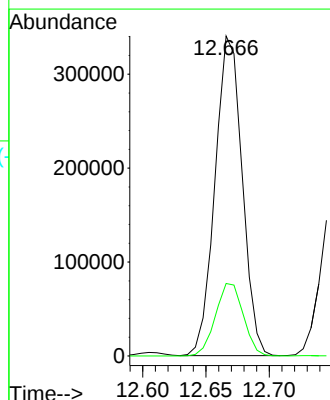
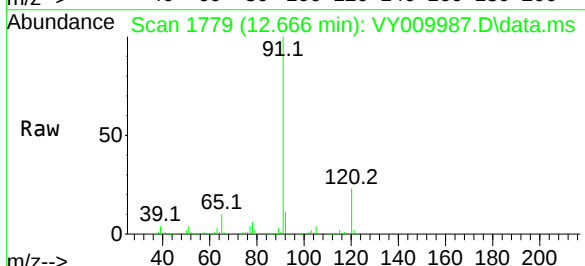
Acq: 12 Aug 2022 15:19

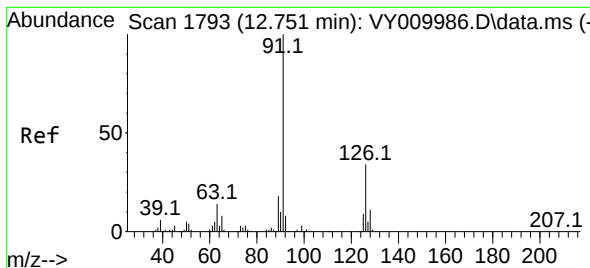
Tgt Ion: 91 Resp: 508209

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 73.273 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

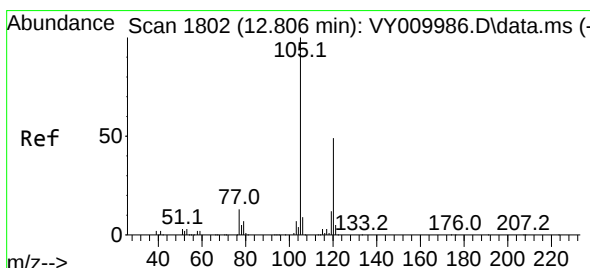
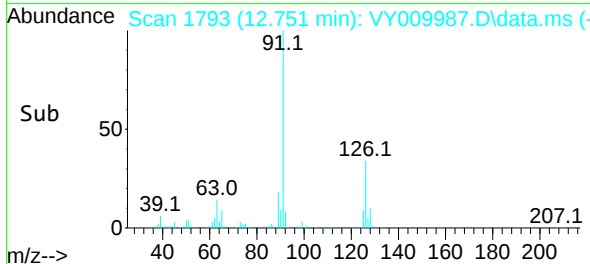
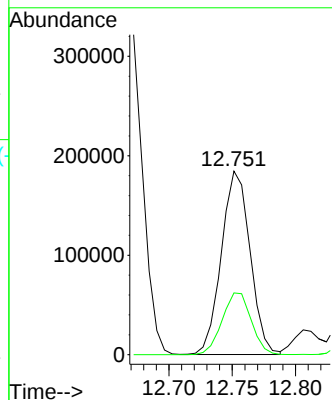
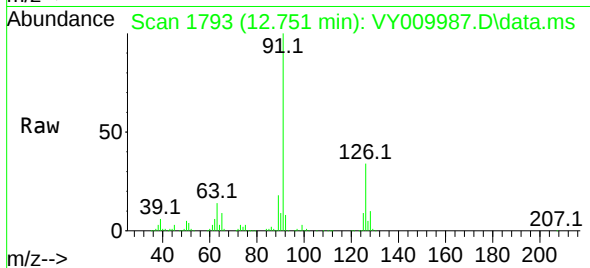
VSTDIC075

Tgt Ion: 91 Resp: 291745

Ion Ratio Lower Upper

91 100

126 34.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 76.165 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VY009987.D

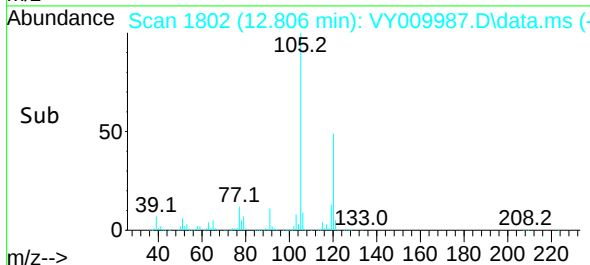
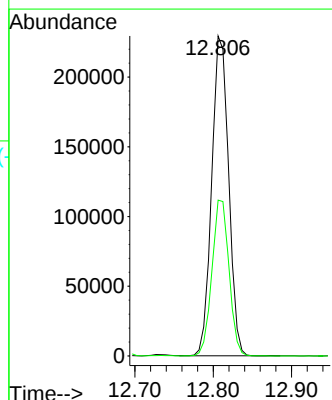
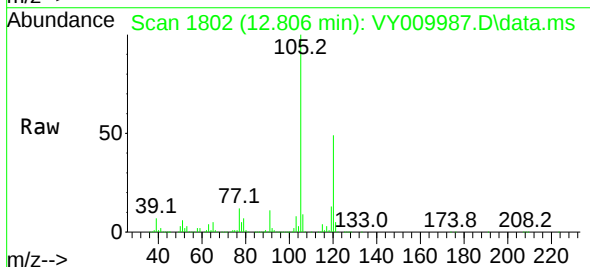
Acq: 12 Aug 2022 15:19

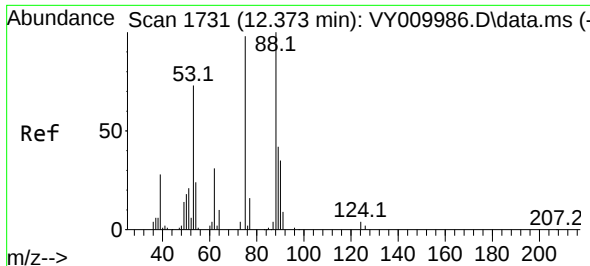
Tgt Ion:105 Resp: 343582

Ion Ratio Lower Upper

105 100

120 49.3 25.3 75.8

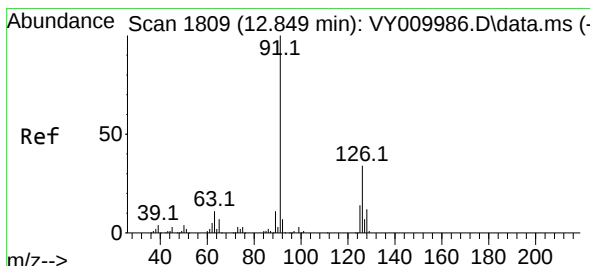
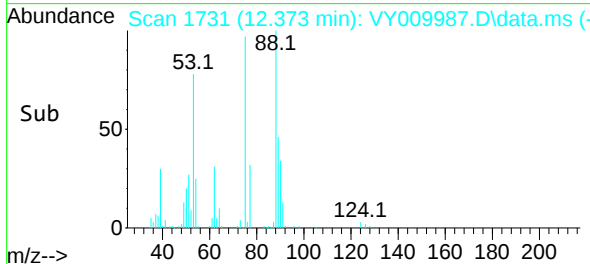
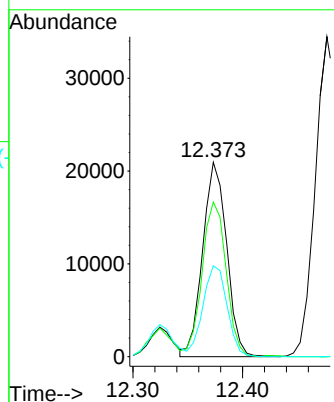
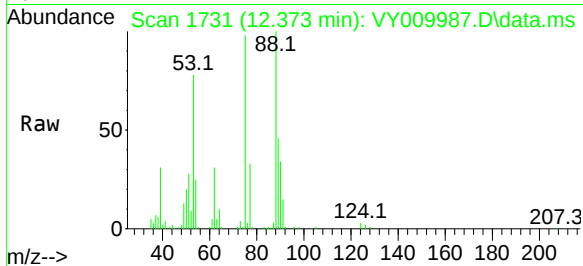




#81
trans-1,4-Dichloro-2-butene
Concen: 74.048 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

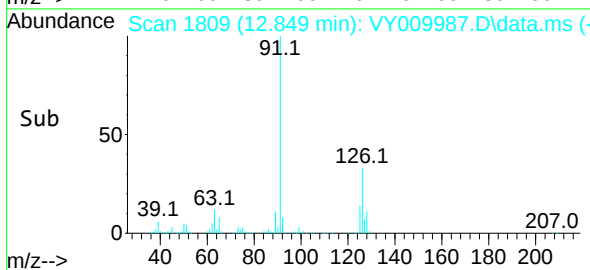
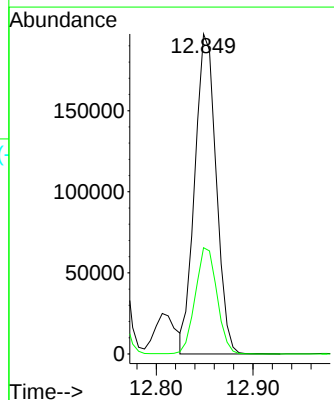
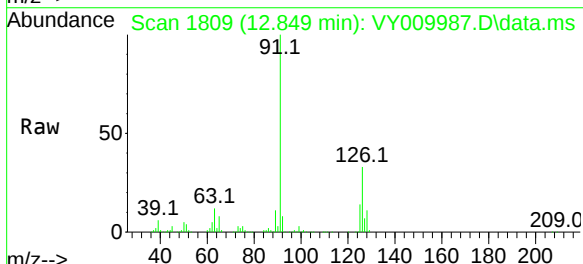
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

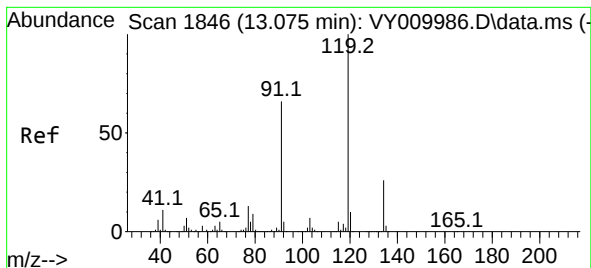
Tgt Ion: 75 Resp: 31875
Ion Ratio Lower Upper
75 100
53 79.8 71.4 107.2
89 47.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 74.181 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 91 Resp: 302708
Ion Ratio Lower Upper
91 100
126 33.8 18.0 54.0





#83

tert-Butylbenzene

Concen: 77.111 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

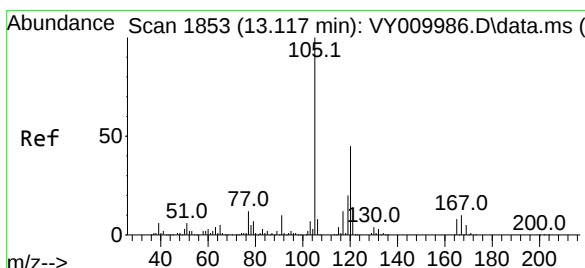
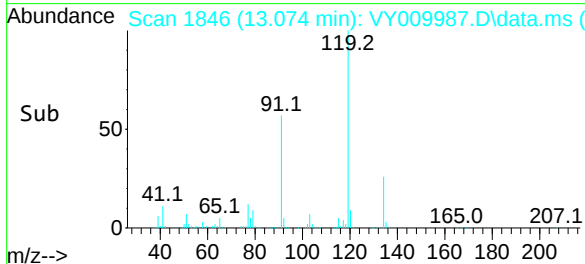
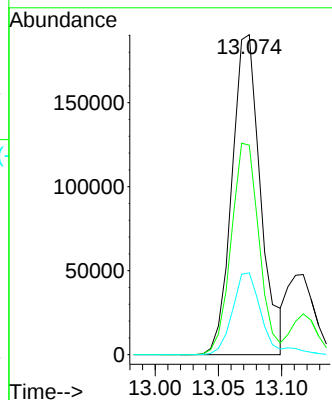
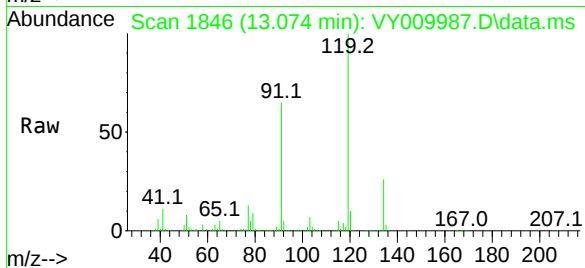
Tgt Ion:119 Resp: 300110

Ion Ratio Lower Upper

119 100

91 64.3 32.0 96.0

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 75.915 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009987.D

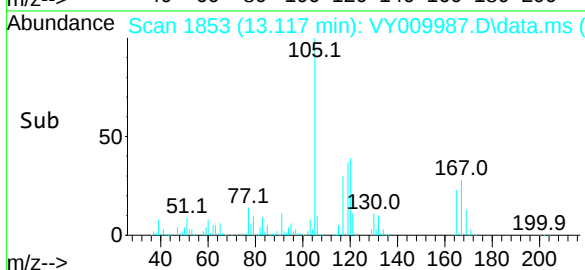
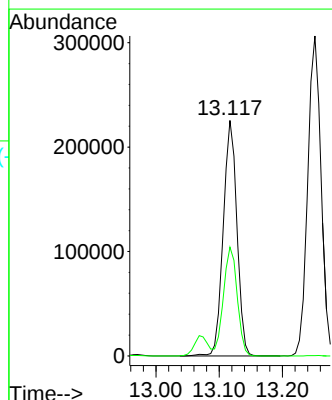
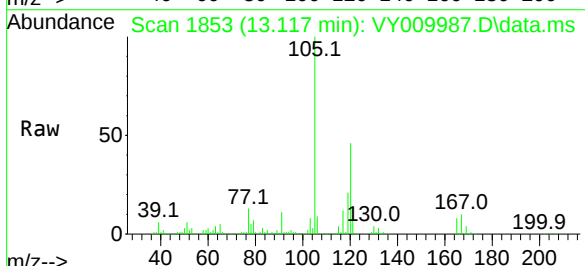
Acq: 12 Aug 2022 15:19

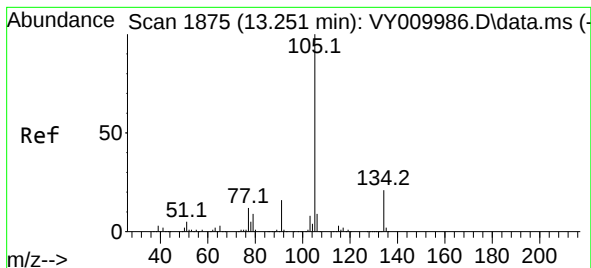
Tgt Ion:105 Resp: 337515

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 75.333 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

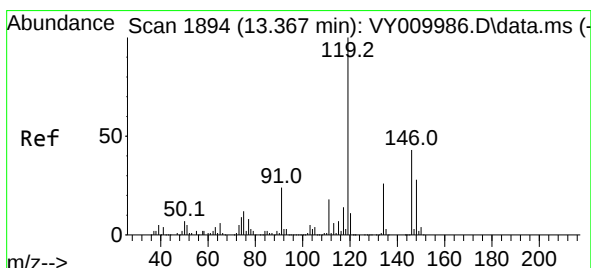
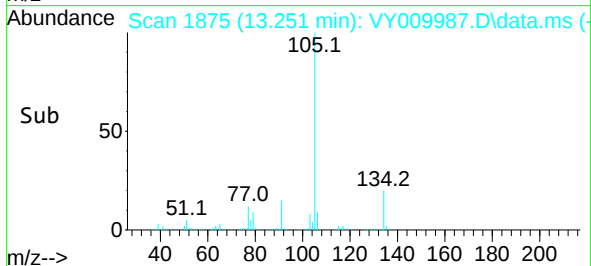
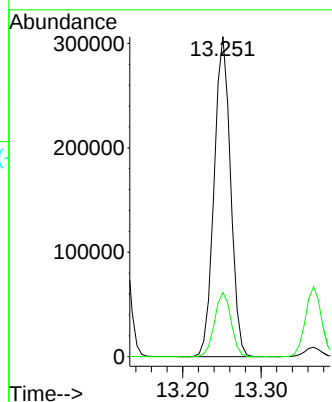
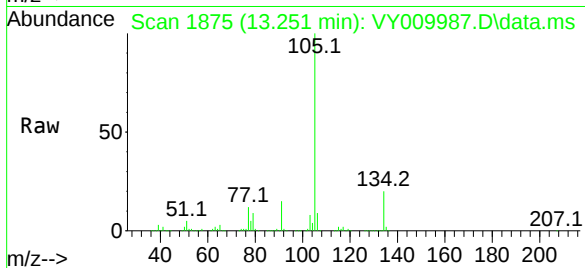
VSTDIC075

Tgt Ion:105 Resp: 445527

Ion Ratio Lower Upper

105 100

134 20.2 10.5 31.6



#86

p-Isopropyltoluene

Concen: 76.458 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

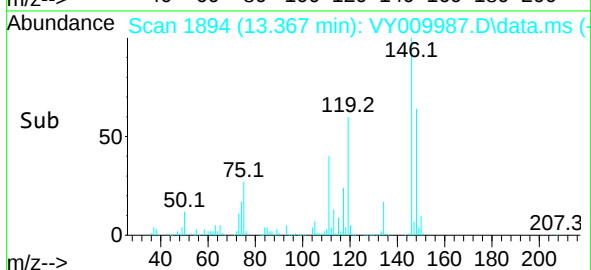
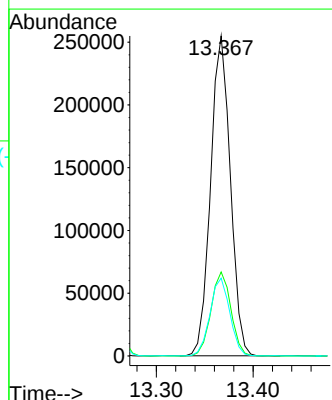
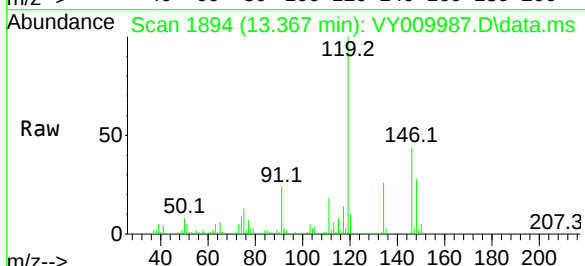
Tgt Ion:119 Resp: 361551

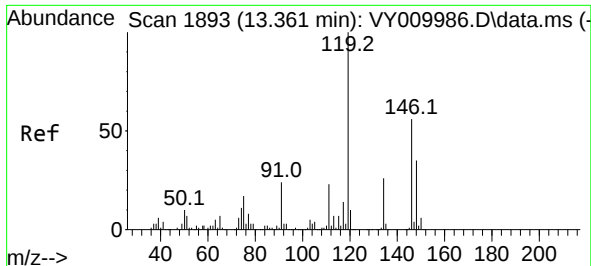
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 24.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 71.174 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

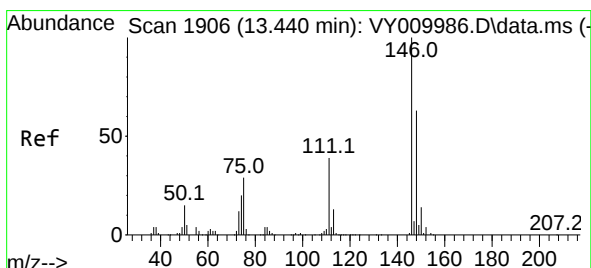
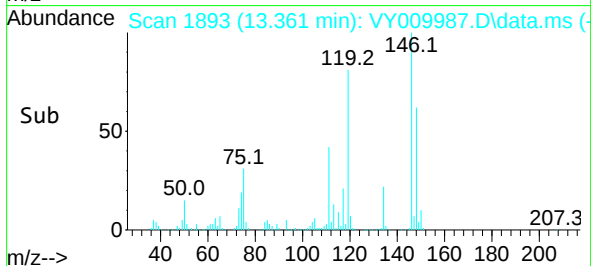
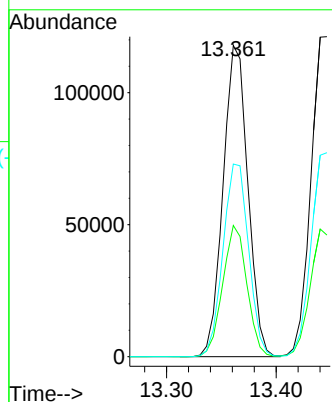
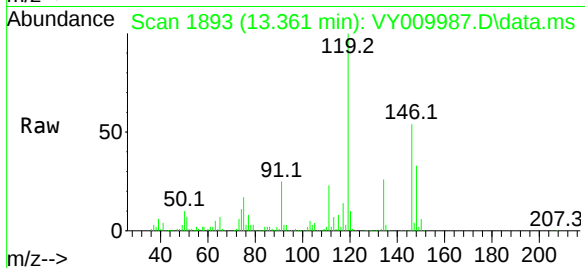
Tgt Ion:146 Resp: 185701

Ion Ratio Lower Upper

146 100

111 41.2 19.1 57.3

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 71.724 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

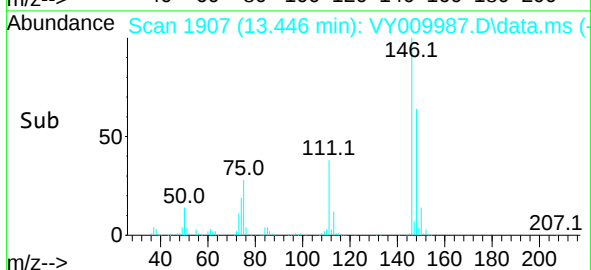
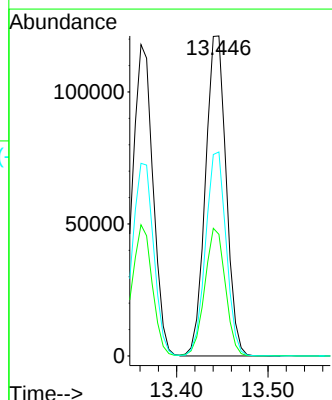
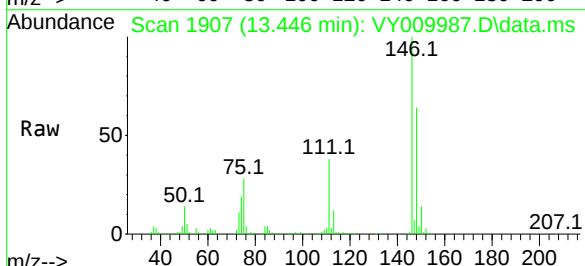
Tgt Ion:146 Resp: 190679

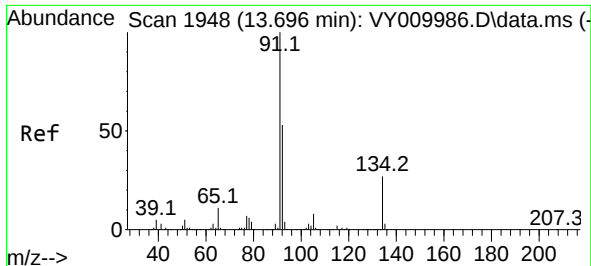
Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.9

148 63.4 31.6 95.0

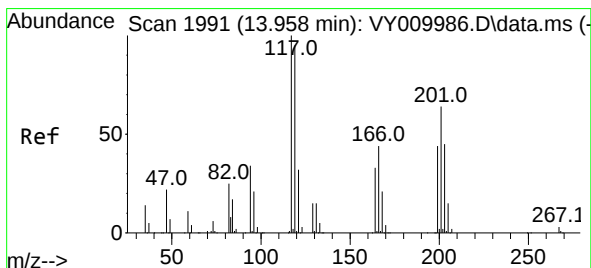
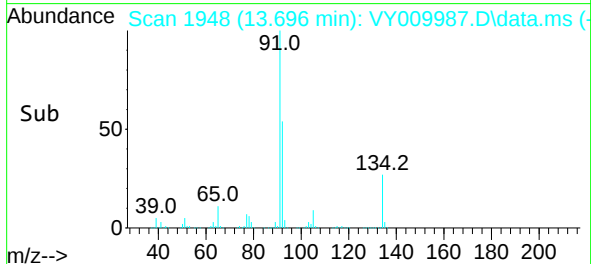
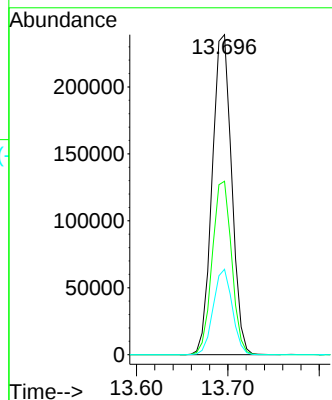
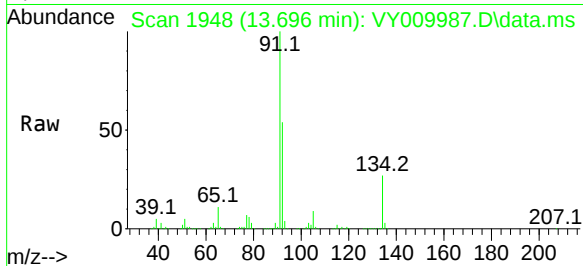




#89
n-Butylbenzene
Concen: 77.666 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

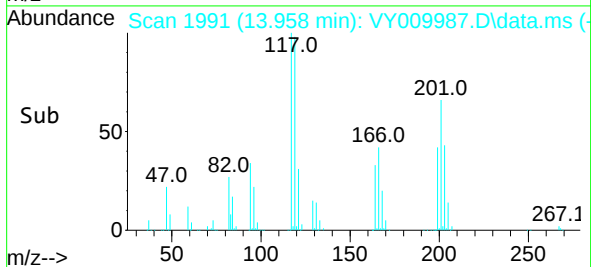
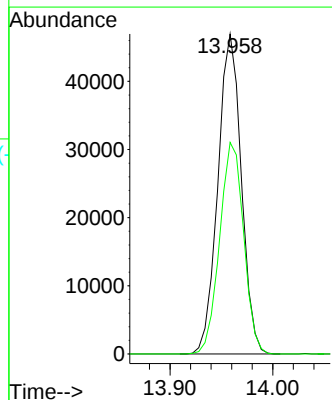
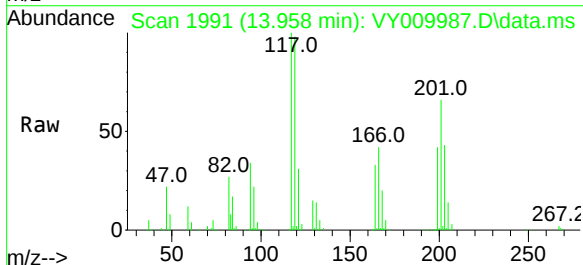
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

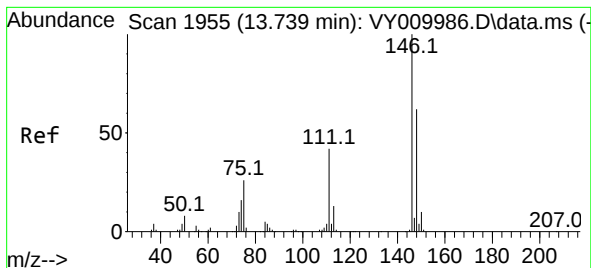
Tgt Ion: 91 Resp: 353515
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 26.0 14.0 41.9



#90
Hexachloroethane
Concen: 73.479 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009987.D
Acq: 12 Aug 2022 15:19

Tgt Ion: 117 Resp: 74202
Ion Ratio Lower Upper
117 100
201 67.8 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 72.854 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

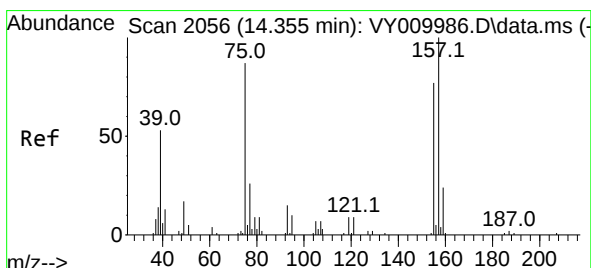
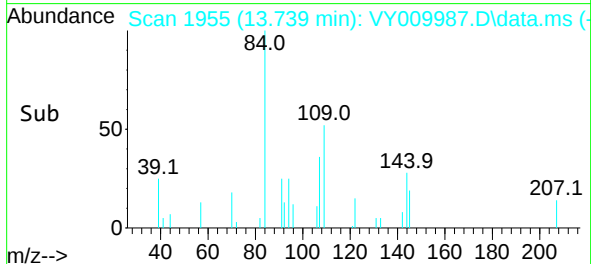
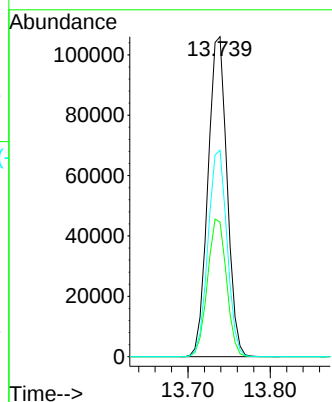
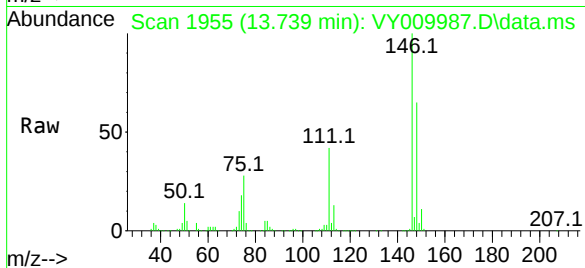
Tgt Ion:146 Resp: 170943

Ion Ratio Lower Upper

146 100

111 42.8 19.7 59.1

148 64.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 75.240 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

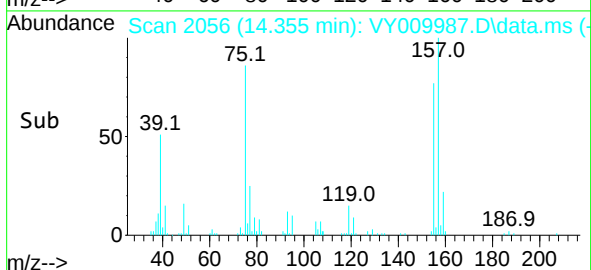
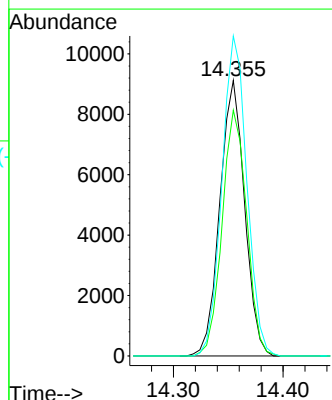
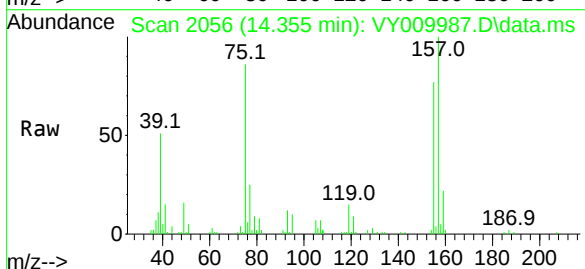
Tgt Ion: 75 Resp: 14306

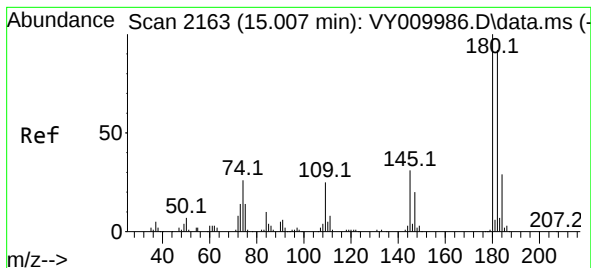
Ion Ratio Lower Upper

75 100

155 88.3 46.4 139.1

157 117.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 76.763 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

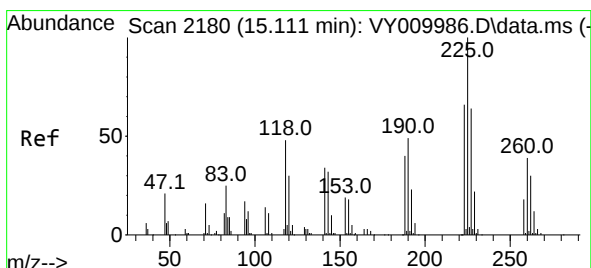
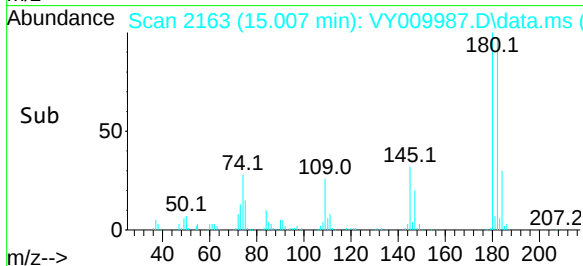
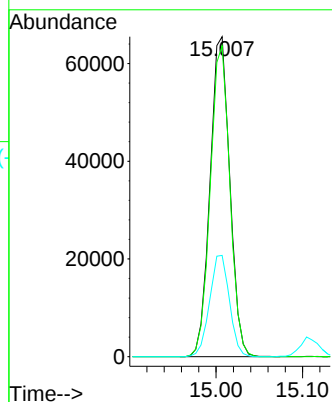
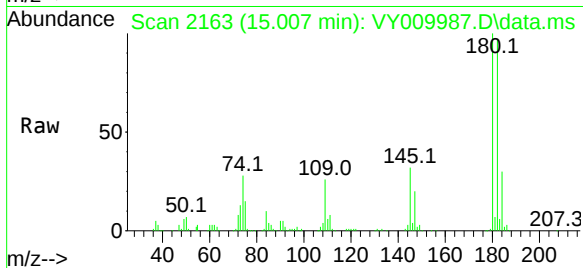
Tgt Ion:180 Resp: 103676

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 31.8 15.1 45.3



#94

Hexachlorobutadiene

Concen: 72.177 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

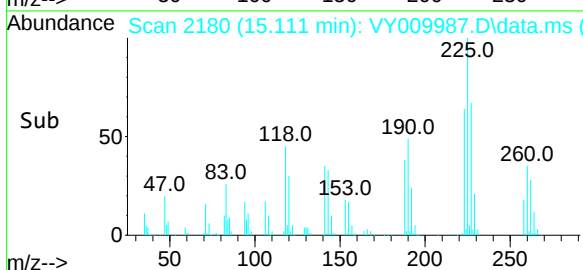
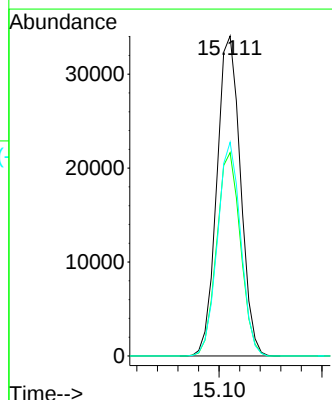
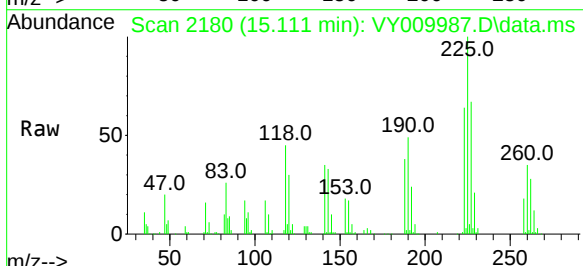
Tgt Ion:225 Resp: 54269

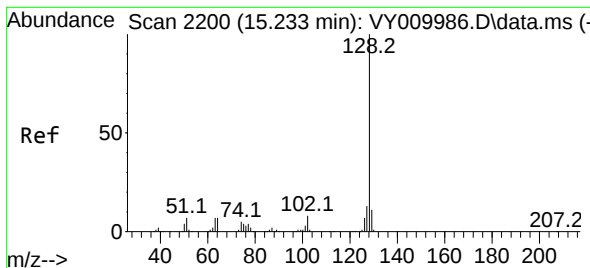
Ion Ratio Lower Upper

225 100

223 63.9 30.8 92.3

227 65.7 31.9 95.5





#95

Naphthalene

Concen: 82.963 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

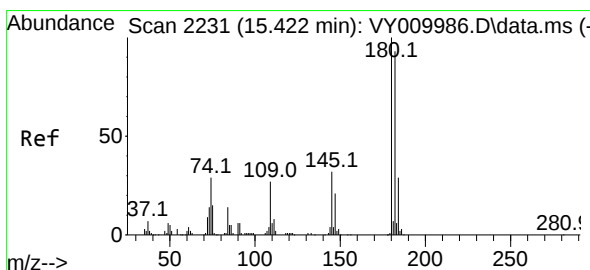
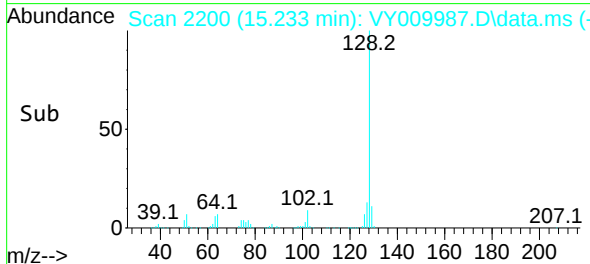
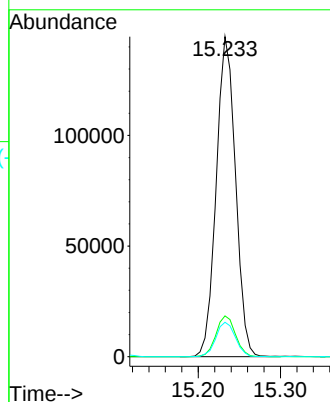
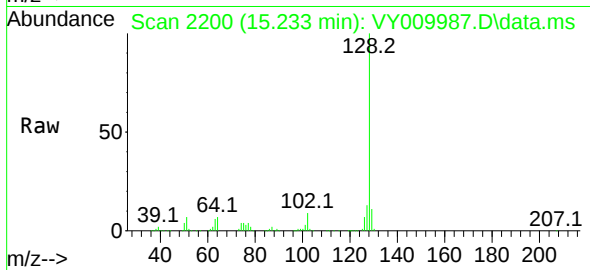
Tgt Ion:128 Resp: 236009

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 77.578 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009987.D

Acq: 12 Aug 2022 15:19

Tgt Ion:180 Resp: 92997

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

145 34.0 15.6 46.7

