

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012195.D
 Acq On : 16 Jan 2023 13:03
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 17 04:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	179162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19761	10.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.340%#
35) Dibromofluoromethane	7.716	113	15889	10.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.940%#
50) Toluene-d8	10.179	98	64948	9.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	18.860%#
62) 4-Bromofluorobenzene	12.483	95	22919	11.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	22.460%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18625	11.896	ug/l	96
3) Chloromethane	2.113	50	15769	10.910	ug/l	97
4) Vinyl Chloride	2.253	62	18212	10.795	ug/l	97
5) Bromomethane	2.650	94	14250	10.925	ug/l	95
6) Chloroethane	2.796	64	11597	10.540	ug/l	97
7) Trichlorofluoromethane	3.131	101	35633	10.822	ug/l	99
8) Diethyl Ether	3.534	74	10843	11.067	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.906	101	17248	10.763	ug/l	95
10) Methyl Iodide	4.095	142	24311	9.982	ug/l	93
11) Tert butyl alcohol	4.948	59	13988	70.534	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	17081	10.380	ug/l	96
13) Acrolein	3.735	56	5886	64.614	ug/l	100
14) Allyl chloride	4.479	41	20763	10.205	ug/l #	84
15) Acrylonitrile	5.161	53	24075	56.255	ug/l	99
16) Acetone	3.948	43	26670	53.459	ug/l	96
17) Carbon Disulfide	4.198	76	53401	10.492	ug/l	100
18) Methyl Acetate	4.479	43	12168	10.900	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	49973	10.894	ug/l	92
20) Methylene Chloride	4.716	84	36560	11.365	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	19455	10.595	ug/l	87
22) Diisopropyl ether	6.119	45	42426	10.459	ug/l #	87
23) Vinyl Acetate	6.064	43	135296	53.528	ug/l #	90
24) 1,1-Dichloroethane	6.021	63	29079	10.336	ug/l	99
25) 2-Butanone	6.990	43	31276	56.787	ug/l	92
26) 2,2-Dichloropropane	6.984	77	32554	10.659	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	20908	10.366	ug/l	96
28) Bromochloromethane	7.332	49	6358	10.348	ug/l #	70
29) Tetrahydrofuran	7.350	42	17073	56.434	ug/l #	79
30) Chloroform	7.502	83	35715	10.754	ug/l	100
31) Cyclohexane	7.783	56	28490	10.907	ug/l #	91
32) 1,1,1-Trichloroethane	7.704	97	34735	10.564	ug/l	98
36) 1,1-Dichloropropene	7.917	75	26128	10.619	ug/l	98
37) Ethyl Acetate	7.076	43	12194	11.242	ug/l #	91
38) Carbon Tetrachloride	7.899	117	33643	10.587	ug/l	94
39) Methylcyclohexane	9.185	83	30952	10.294	ug/l	93
40) Benzene	8.161	78	75207	10.590	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	16841	26.414	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	24799	10.969	ug/l	98
43) Isopropyl Acetate	8.271	43	22151	10.977	ug/l #	95
44) Trichloroethene	8.941	130	22136	10.429	ug/l	98
45) 1,2-Dichloropropane	9.216	63	15739	10.621	ug/l	96
46) Dibromomethane	9.307	93	10763	10.850	ug/l	95
47) Bromodichloromethane	9.496	83	26678	10.683	ug/l #	99
48) Methyl methacrylate	9.295	41	9928	10.677	ug/l	85
49) 1,4-Dioxane	9.301	88	3007	222.453	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	59640	55.424	ug/l	95
52) Toluene	10.246	92	48980	10.359	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	27411	10.494	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	29935	10.642	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	15639	11.096	ug/l	94
56) Ethyl methacrylate	10.508	69	19575	10.586	ug/l	95
57) 1,3-Dichloropropane	10.788	76	24616	10.694	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	33235	54.320	ug/l #	87
59) 2-Hexanone	10.831	43	45470	55.501	ug/l	95
60) Dibromochloromethane	10.984	129	20184	10.797	ug/l	99
61) 1,2-Dibromoethane	11.087	107	14942	10.987	ug/l	98
64) Tetrachloroethene	10.721	164	25078	10.834	ug/l	93
65) Chlorobenzene	11.520	112	53973	10.399	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	20709	10.571	ug/l	97
67) Ethyl Benzene	11.593	91	95965	10.346	ug/l	98
68) m/p-Xylenes	11.703	106	76335	20.814	ug/l	99
69) o-Xylene	12.032	106	36291	10.360	ug/l	96
70) Styrene	12.044	104	61017	10.425	ug/l	100
71) Bromoform	12.209	173	13782	11.011	ug/l #	96
73) Isopropylbenzene	12.331	105	95710	10.184	ug/l	98
74) N-amyl acetate	12.148	43	18834	10.223	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	16214	10.953	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	24532	20.470	ug/l #	100
77) Bromobenzene	12.611	156	23583	10.428	ug/l	93
78) n-propylbenzene	12.672	91	113127	10.287	ug/l	98
79) 2-Chlorotoluene	12.758	91	64375	10.353	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	85494	10.465	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	6257	10.758	ug/l	94
82) 4-Chlorotoluene	12.855	91	67299	10.304	ug/l	97
83) tert-Butylbenzene	13.075	119	73291	10.293	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	83829	10.405	ug/l	100
85) sec-Butylbenzene	13.251	105	103678	10.227	ug/l	96
86) p-Isopropyltoluene	13.373	119	91914	10.377	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	46882	10.424	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	47386	10.564	ug/l	98
89) n-Butylbenzene	13.696	91	78545	10.233	ug/l	96
90) Hexachloroethane	13.965	117	16559	10.356	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	42720	10.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3464	11.323	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	25931	10.084	ug/l	97
94) Hexachlorobutadiene	15.117	225	16082	10.387	ug/l	99
95) Naphthalene	15.239	128	49982	9.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	22473	10.156	ug/l	99

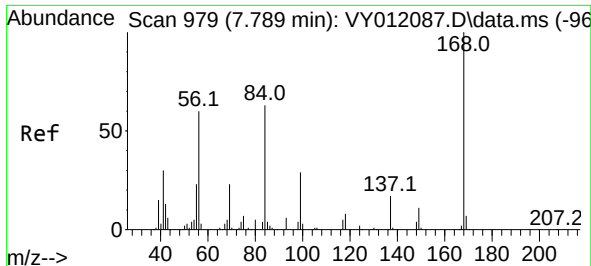
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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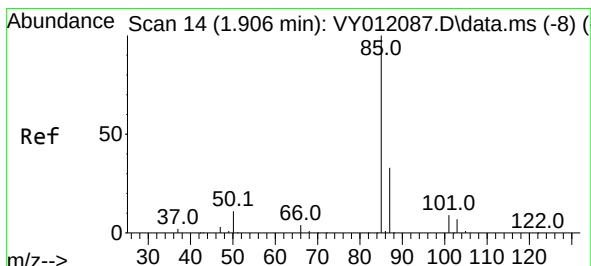
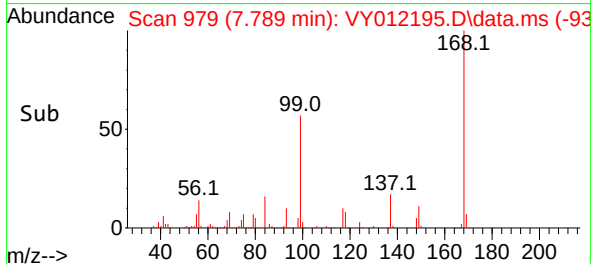
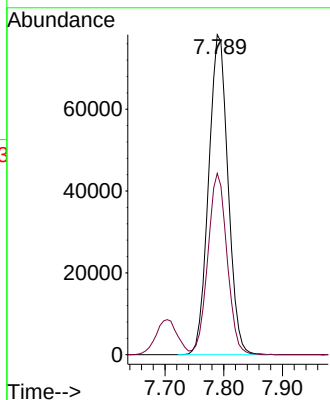
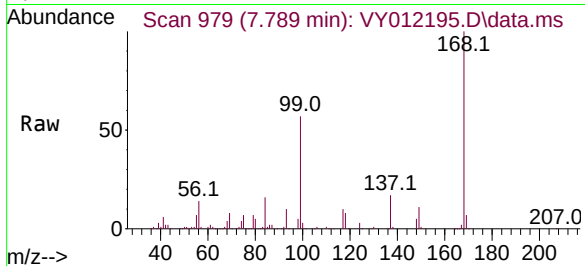
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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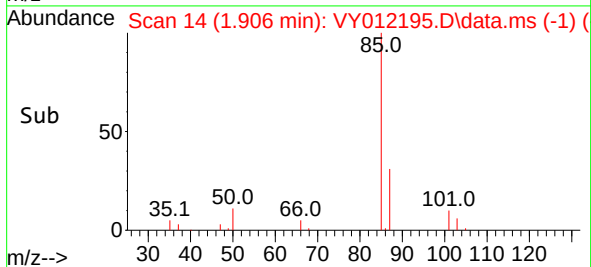
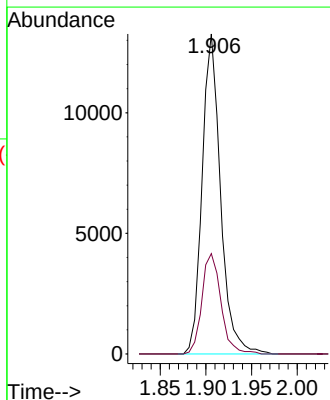
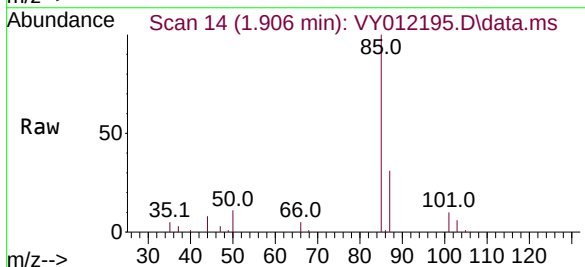
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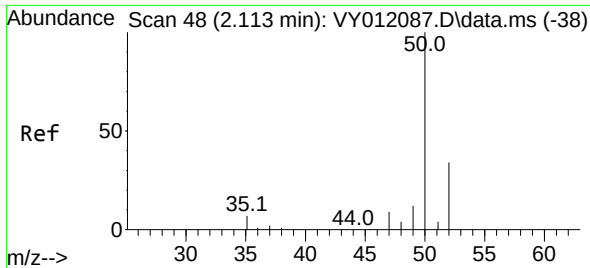
Tgt Ion:168 Resp: 179162
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 11.896 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 85 Resp: 18625
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.4

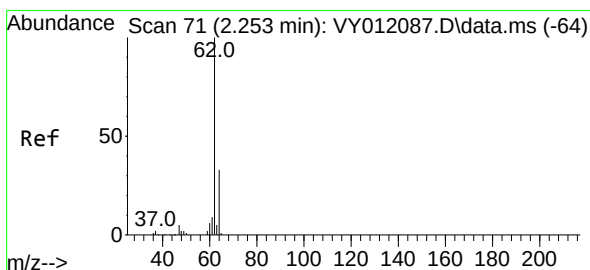
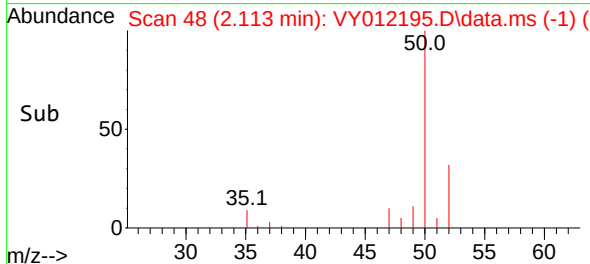
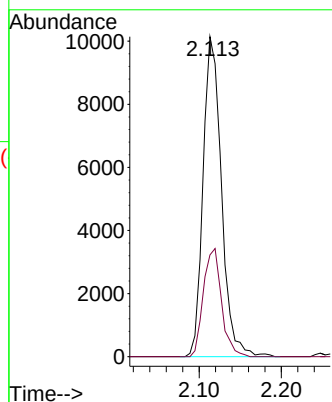
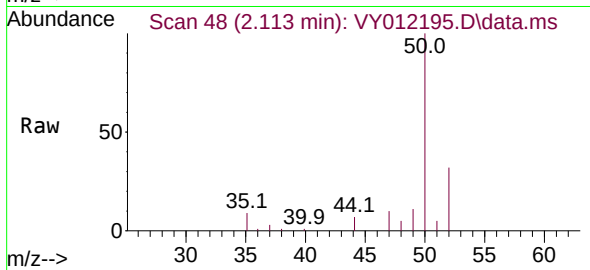




#3
Chloromethane
Concen: 10.910 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

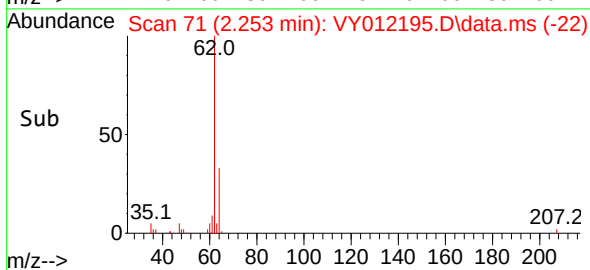
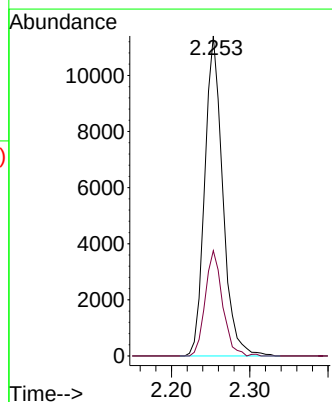
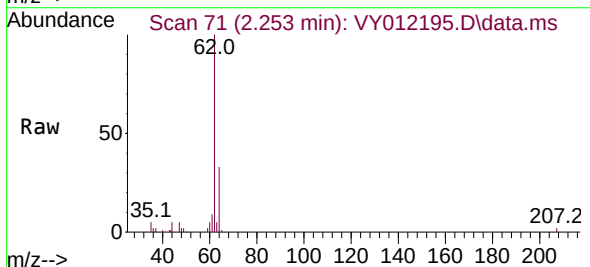
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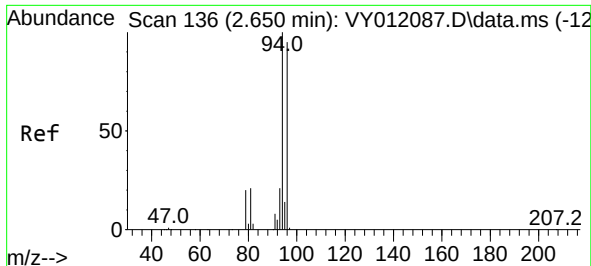
Tgt Ion: 50 Resp: 15769
Ion Ratio Lower Upper
50 100
52 31.8 26.8 40.2



#4
Vinyl Chloride
Concen: 10.795 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 62 Resp: 18212
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6

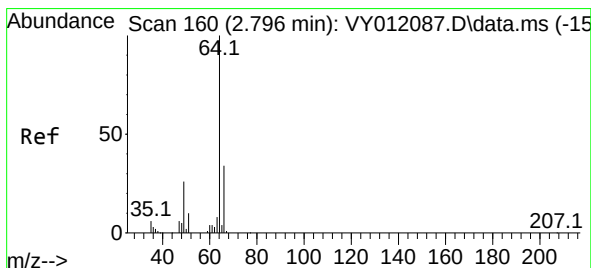
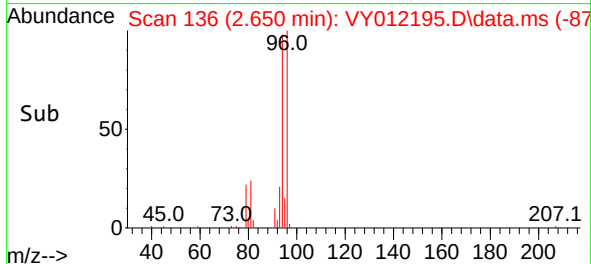
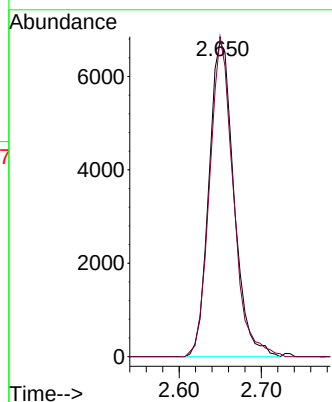
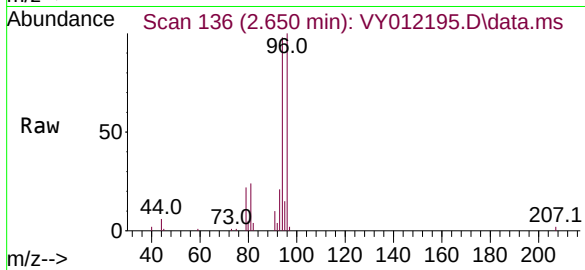




#5
Bromomethane
Concen: 10.925 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

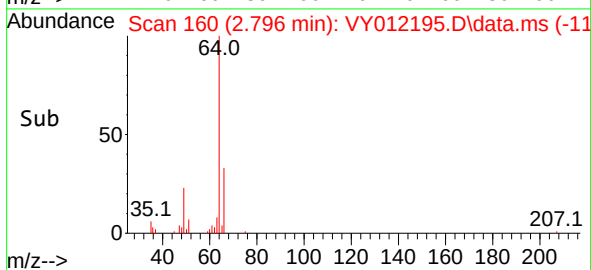
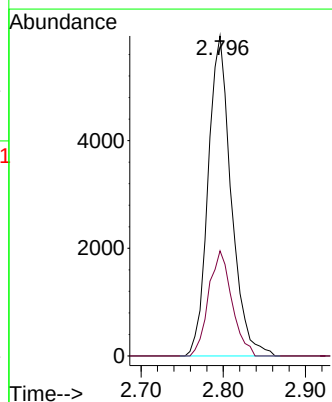
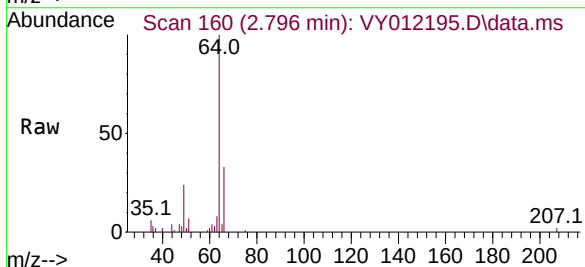
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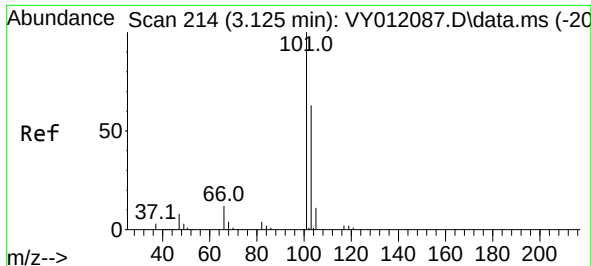
Tgt Ion: 94 Resp: 14250
Ion Ratio Lower Upper
94 100
96 101.7 77.4 116.2



#6
Chloroethane
Concen: 10.540 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 64 Resp: 11597
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.4

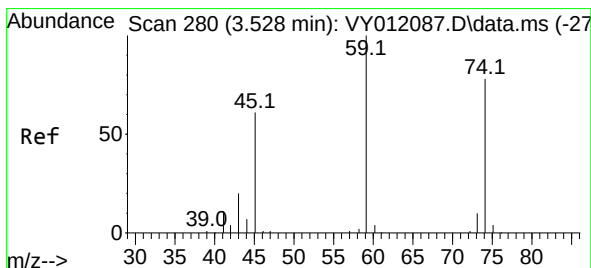
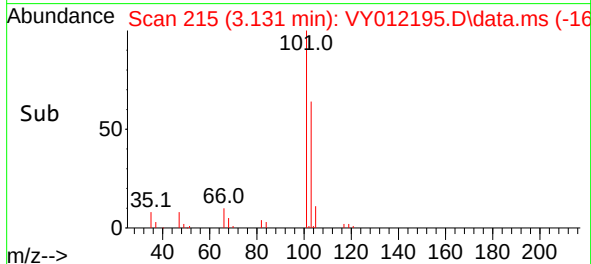
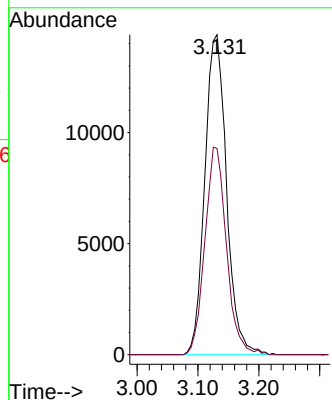
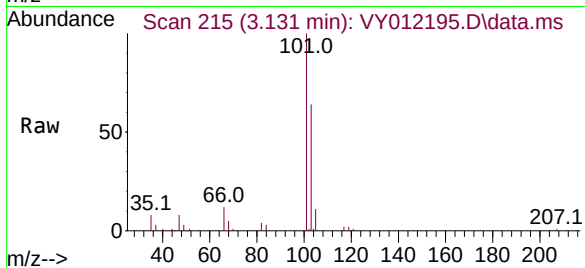




#7
Trichlorofluoromethane
Concen: 10.822 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012195.D
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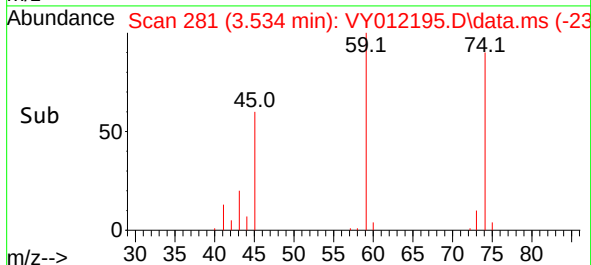
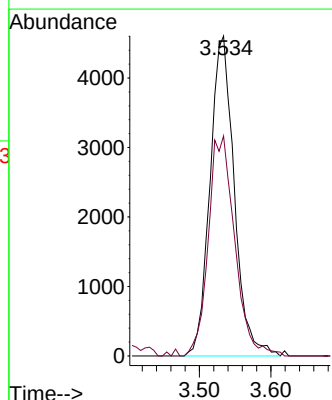
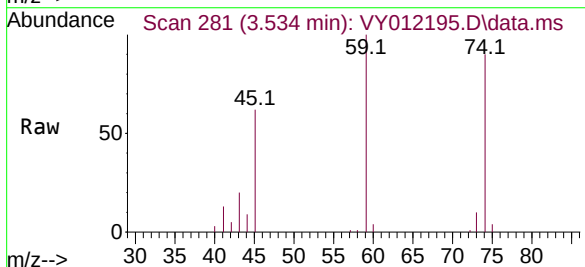
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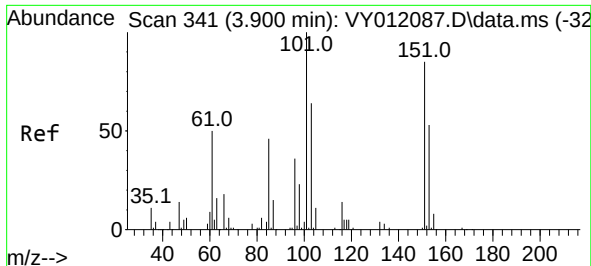
Tgt Ion:101 Resp: 35633
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6



#8
Diethyl Ether
Concen: 11.067 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 74 Resp: 10843
Ion Ratio Lower Upper
74 100
45 74.9 46.8 140.3

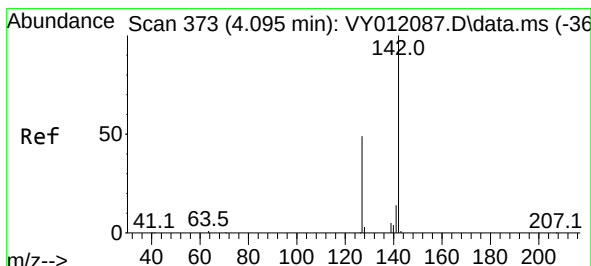
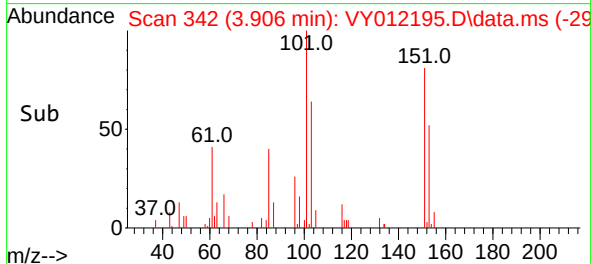
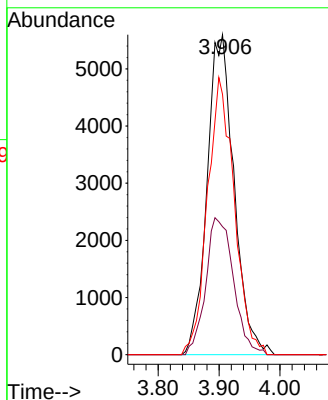
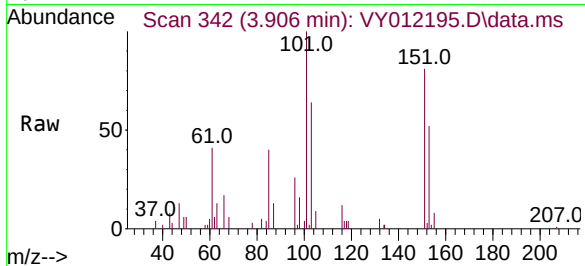




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.763 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
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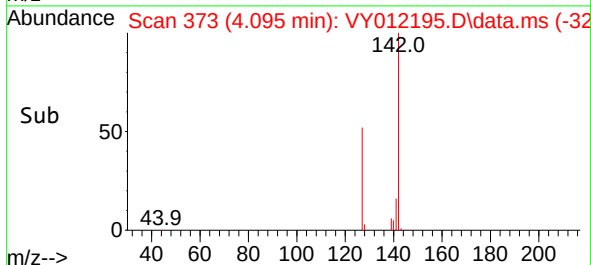
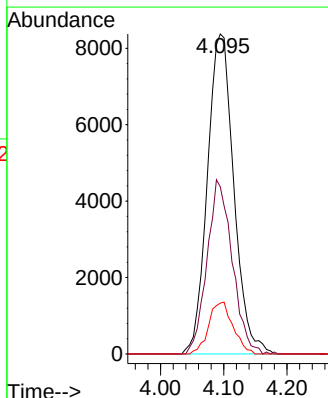
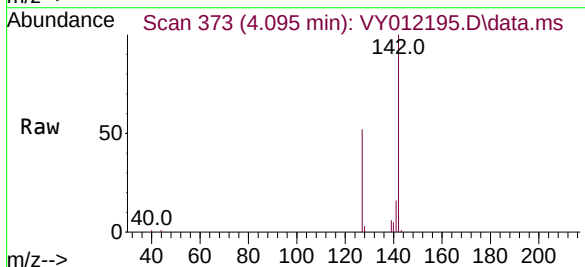
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ClientSampleId :
VSTDIC010

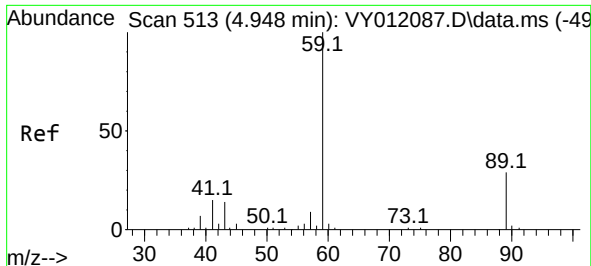
Tgt Ion:	101	Resp:	17248
Ion	Ratio	Lower	Upper
101	100		
85	43.9	36.2	54.2
151	86.0	64.2	96.2



#10
Methyl Iodide
Concen: 9.982 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion:	142	Resp:	24311
Ion	Ratio	Lower	Upper
142	100		
127	52.0	37.0	55.4
141	14.9	11.4	17.0

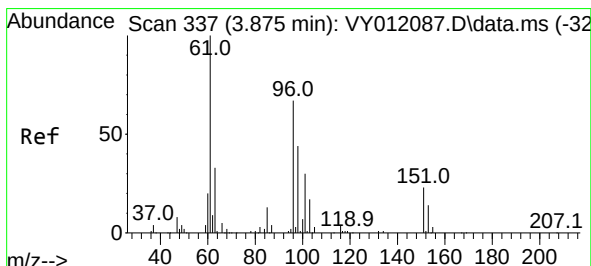
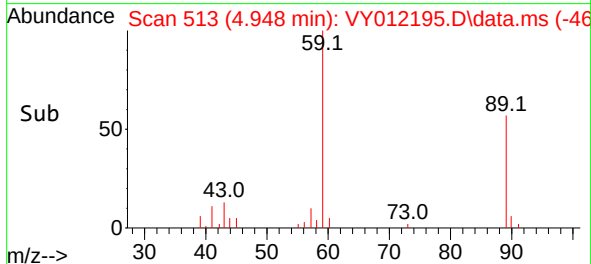
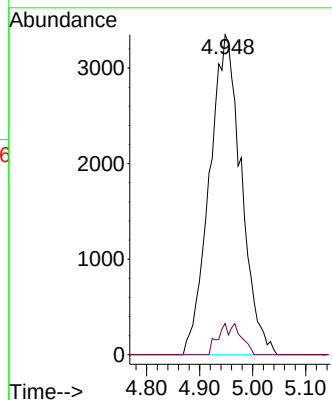
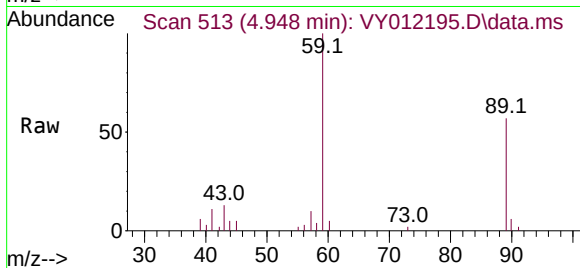




#11
Tert butyl alcohol
Concen: 70.534 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

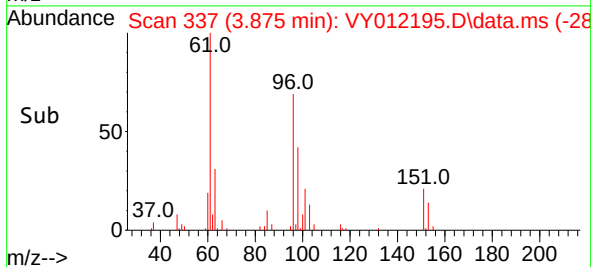
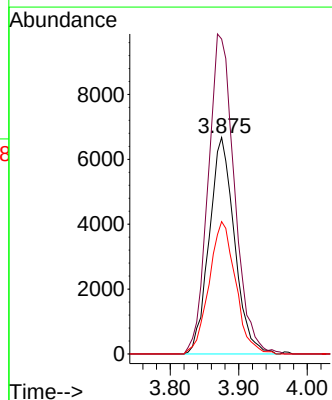
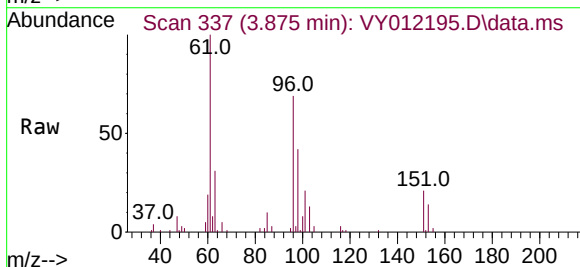
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

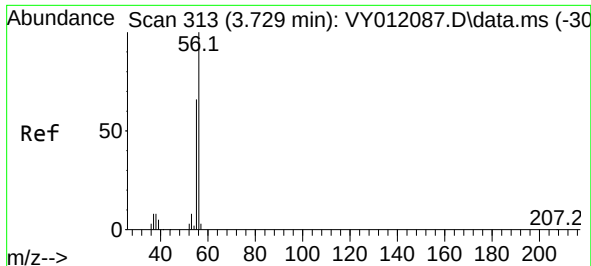
Tgt Ion: 59 Resp: 13988
Ion Ratio Lower Upper
59 100
57 3.4 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 10.380 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 96 Resp: 17081
Ion Ratio Lower Upper
96 100
61 145.4 122.0 183.0
98 61.1 48.6 73.0

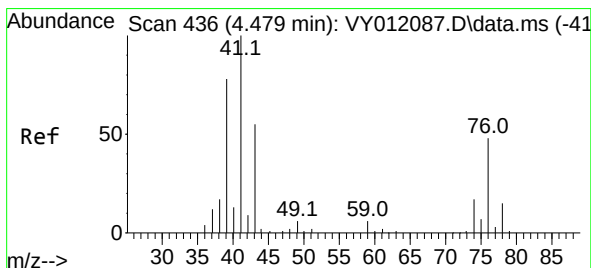
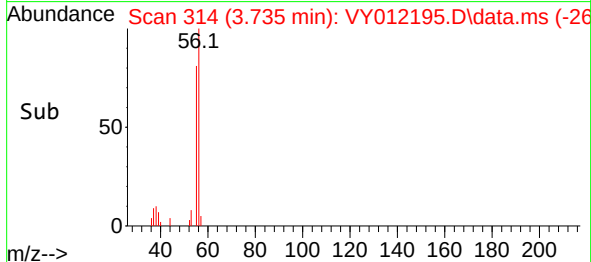
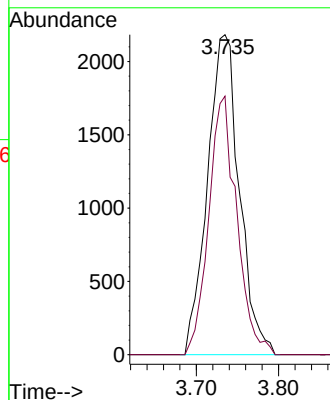
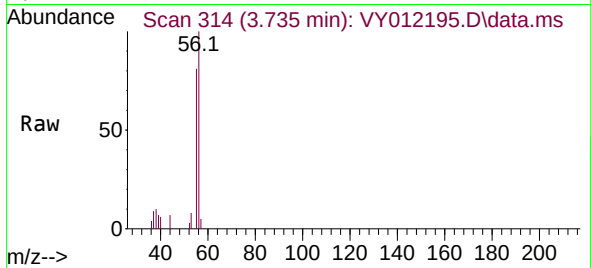




#13
Acrolein
Concen: 64.614 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

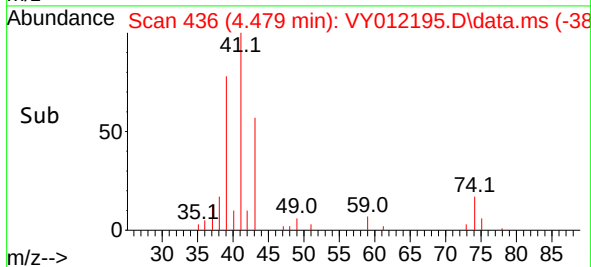
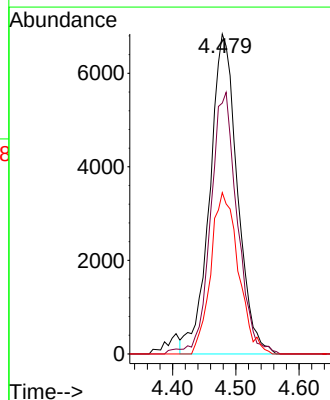
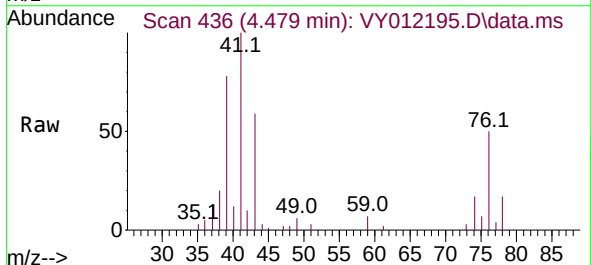
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

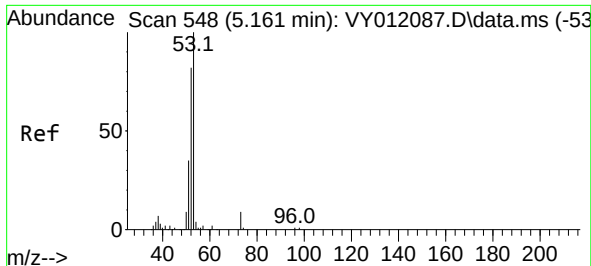
Tgt Ion: 56 Resp: 5886
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0



#14
Allyl chloride
Concen: 10.205 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 41 Resp: 20763
Ion Ratio Lower Upper
41 100
39 79.0 53.5 80.3
76 50.2 31.1 46.7#





#15

Acrylonitrile

Concen: 56.255 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

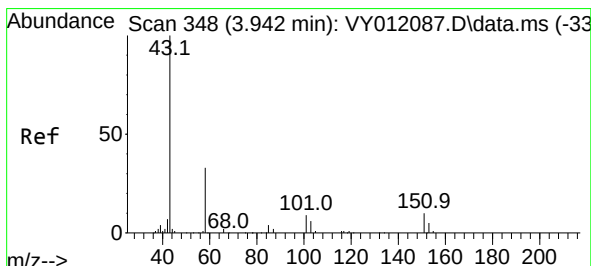
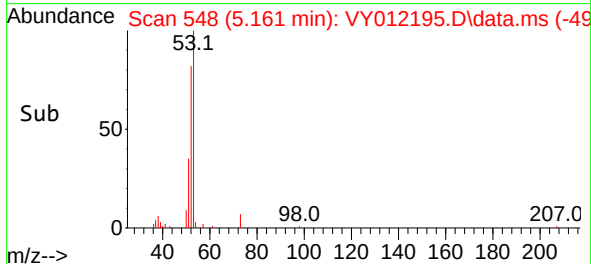
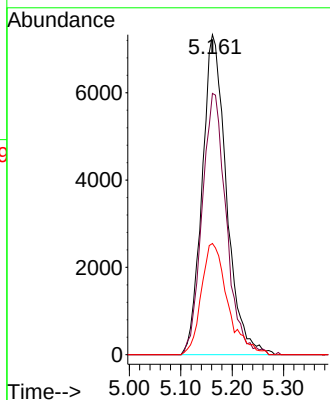
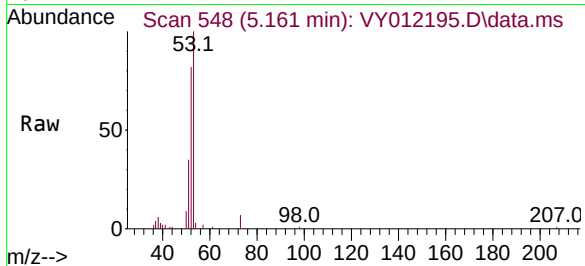
Tgt Ion: 53 Resp: 24075

Ion Ratio Lower Upper

53 100

52 81.2 65.1 97.7

51 37.7 28.7 43.1



#16

Acetone

Concen: 53.459 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY012195.D

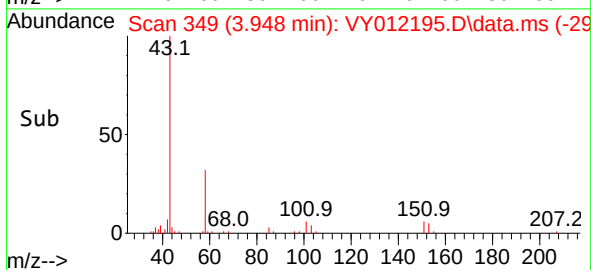
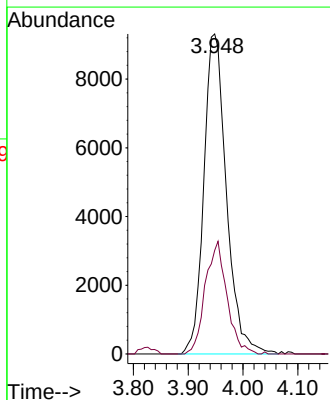
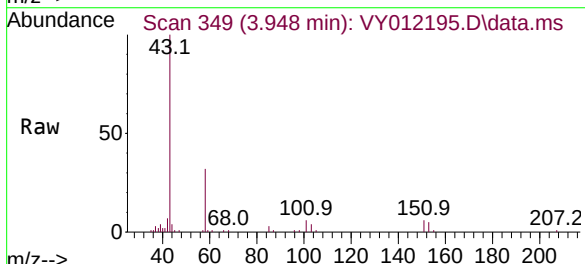
Acq: 16 Jan 2023 13:03

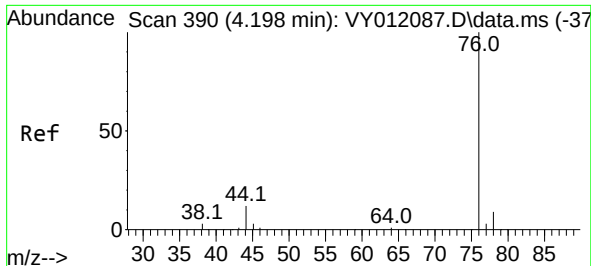
Tgt Ion: 43 Resp: 26670

Ion Ratio Lower Upper

43 100

58 32.4 27.9 41.9

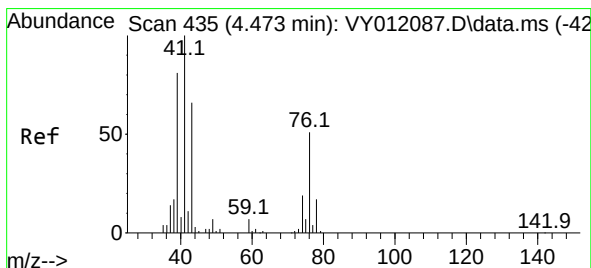
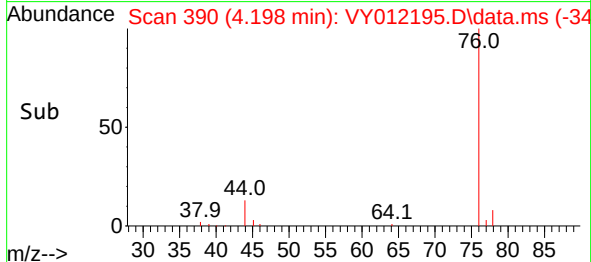
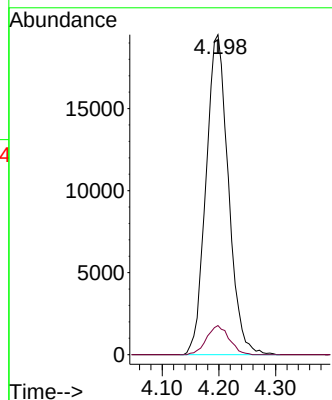
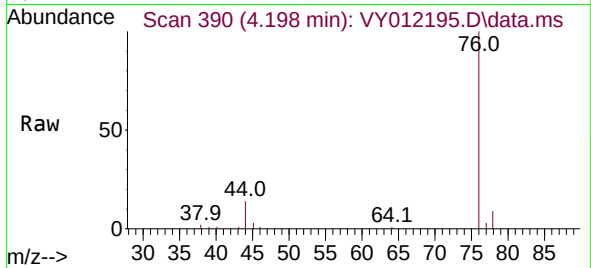




#17
Carbon Disulfide
Concen: 10.492 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

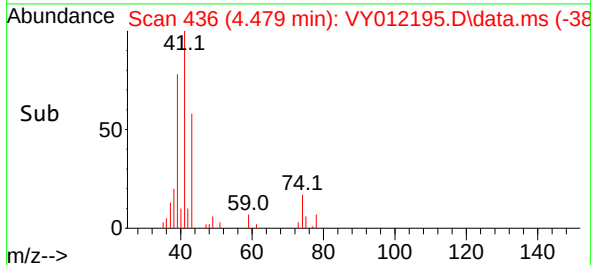
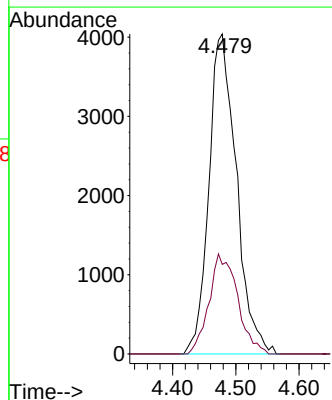
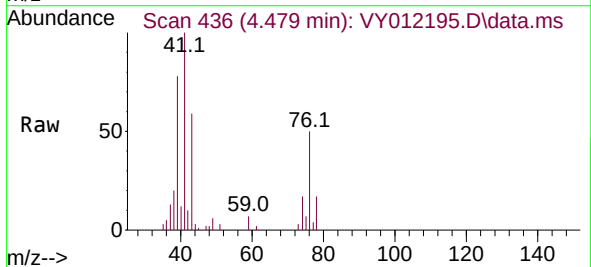
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

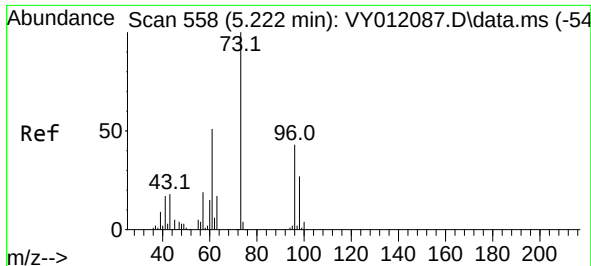
Tgt Ion: 76 Resp: 53401
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 10.900 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 43 Resp: 12168
Ion Ratio Lower Upper
43 100
74 32.5 20.1 30.1#

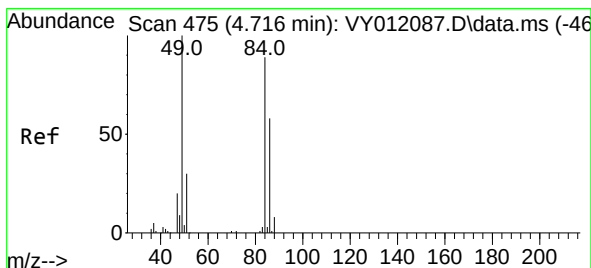
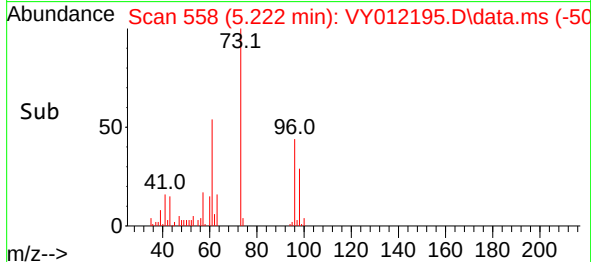
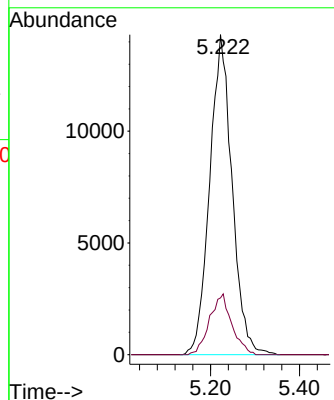
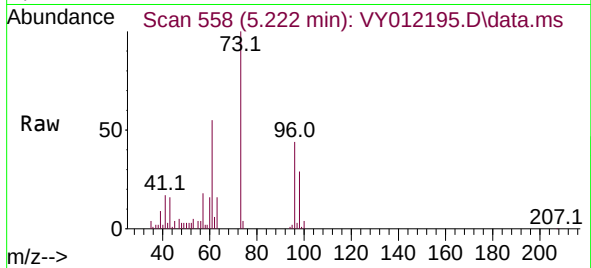




#19
Methyl tert-butyl Ether
Concen: 10.894 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

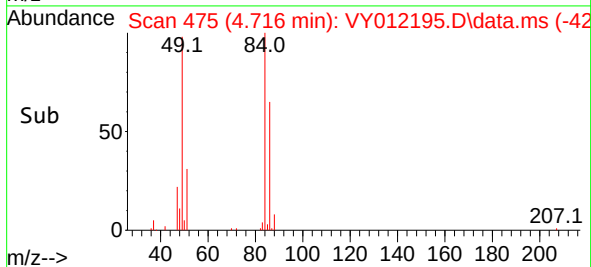
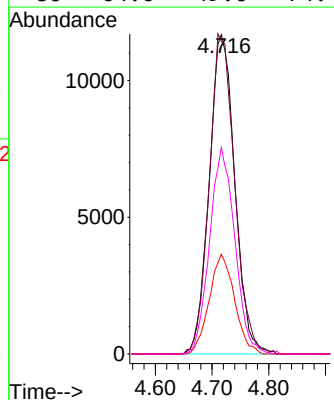
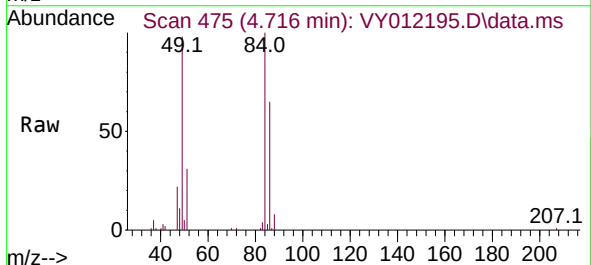
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

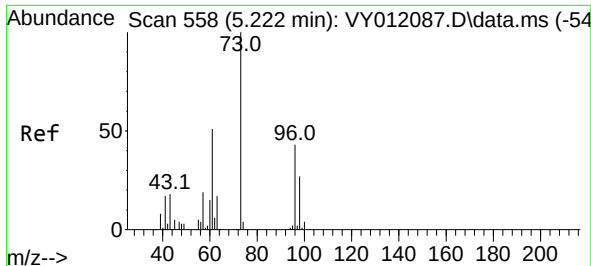
Tgt Ion: 73 Resp: 49973
Ion Ratio Lower Upper
73 100
57 17.8 17.4 26.0



#20
Methylene Chloride
Concen: 11.365 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 84 Resp: 36560
Ion Ratio Lower Upper
84 100
49 97.9 95.4 143.2
51 31.2 29.9 44.9
86 64.6 49.6 74.4

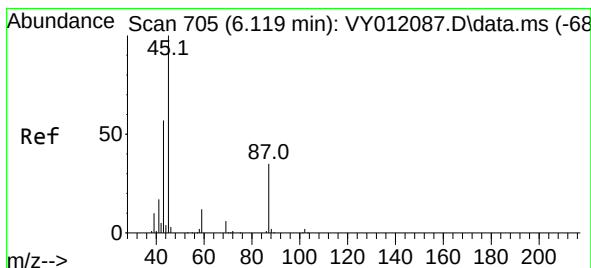
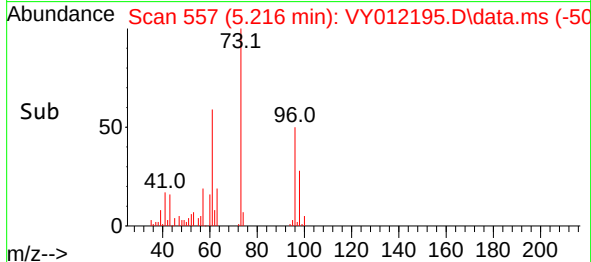
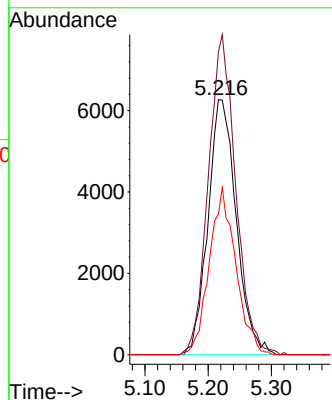
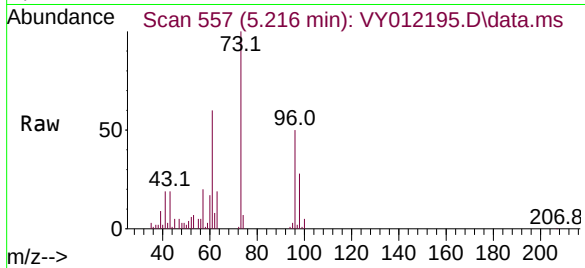




#21
trans-1,2-Dichloroethene
Concen: 10.595 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

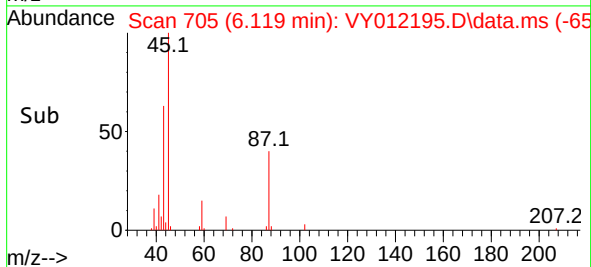
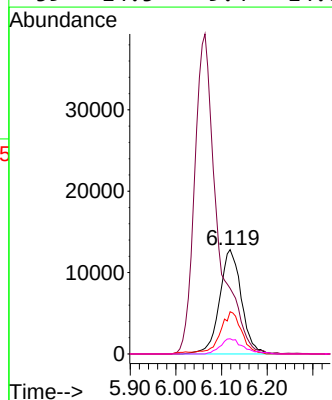
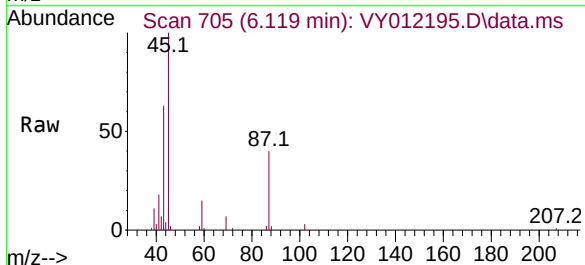
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

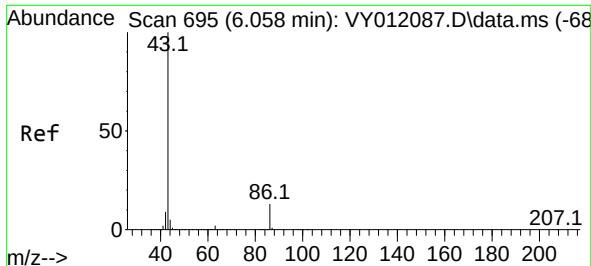
Tgt Ion: 96 Resp: 19455
Ion Ratio Lower Upper
96 100
61 118.7 108.0 162.0
98 55.3 51.6 77.4



#22
Diisopropyl ether
Concen: 10.459 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 45 Resp: 42426
Ion Ratio Lower Upper
45 100
43 62.5 45.0 67.4
87 40.5 22.6 33.8#
59 14.5 9.4 14.0#

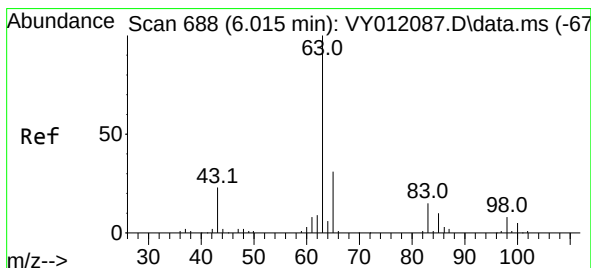
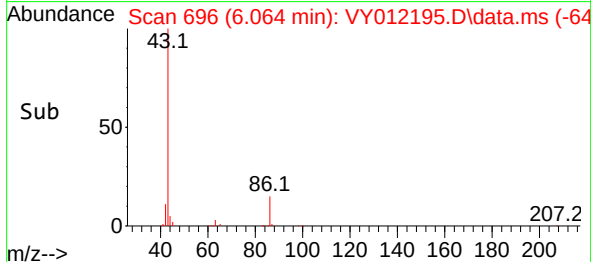
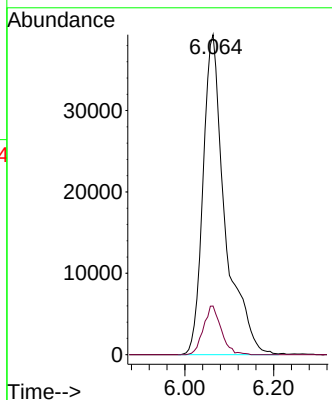
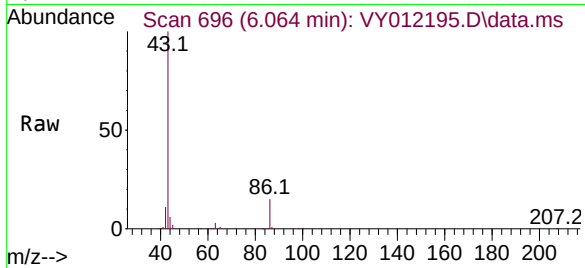




#23
 Vinyl Acetate
 Concen: 53.528 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012195.D
 Acq: 16 Jan 2023 13:03

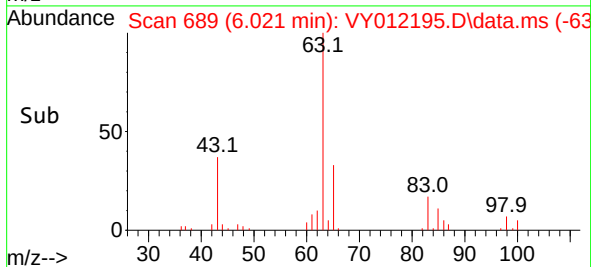
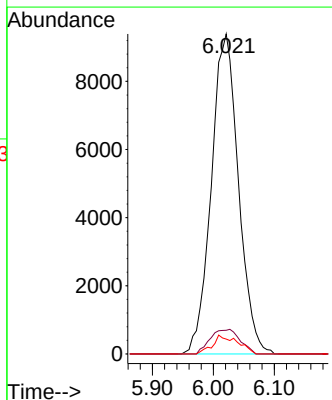
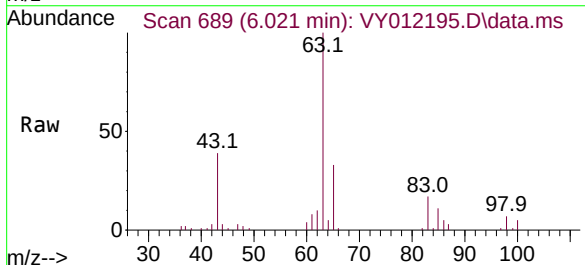
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

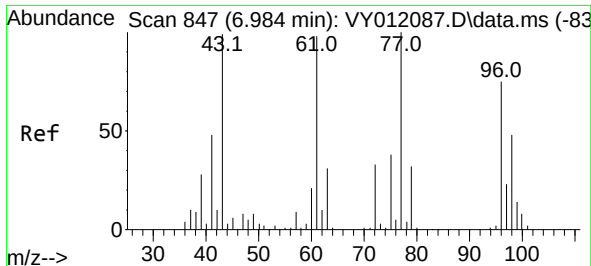
Tgt Ion: 43 Resp: 135296
 Ion Ratio Lower Upper
 43 100
 86 15.2 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 10.336 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012195.D
 Acq: 16 Jan 2023 13:03

Tgt Ion: 63 Resp: 29079
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 56.787 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

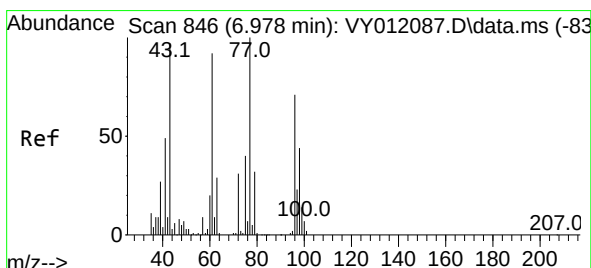
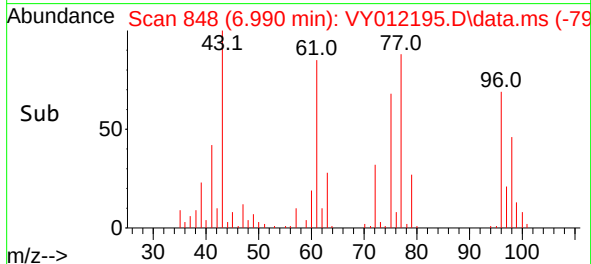
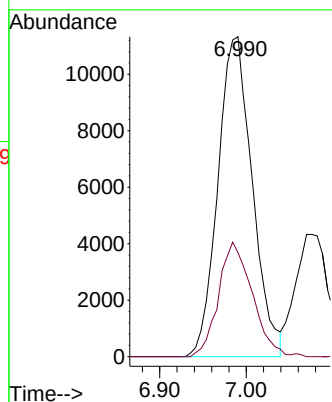
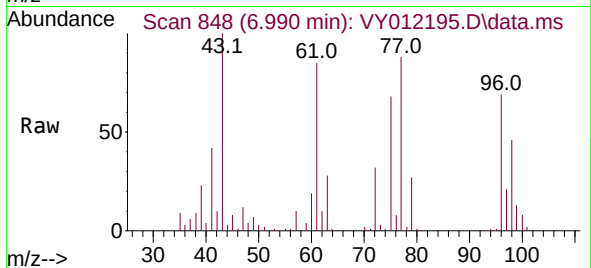
VSTDICC010

Tgt Ion: 43 Resp: 31276

Ion Ratio Lower Upper

43 100

72 32.5 22.6 34.0



#26

2,2-Dichloropropane

Concen: 10.659 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012195.D

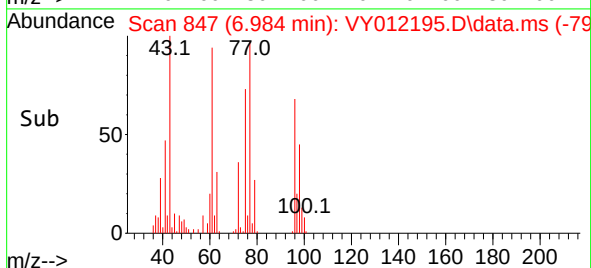
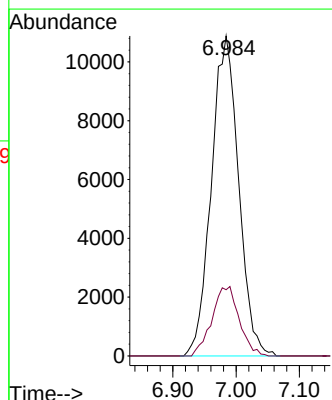
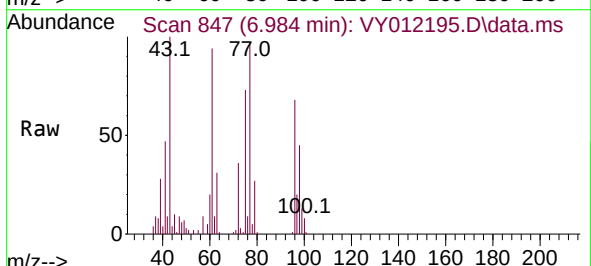
Acq: 16 Jan 2023 13:03

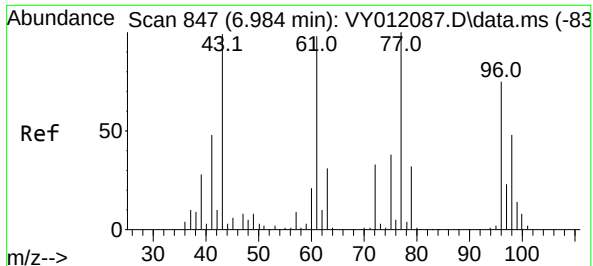
Tgt Ion: 77 Resp: 32554

Ion Ratio Lower Upper

77 100

97 21.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 10.366 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

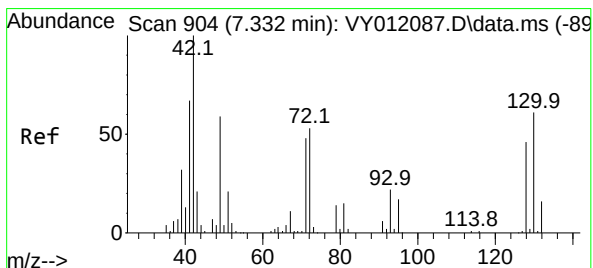
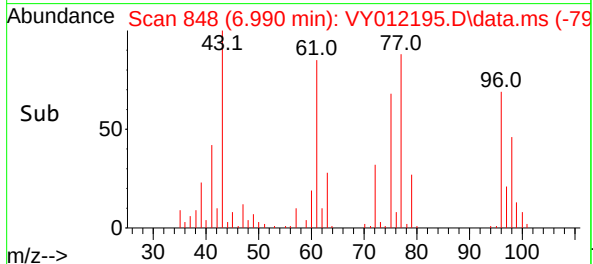
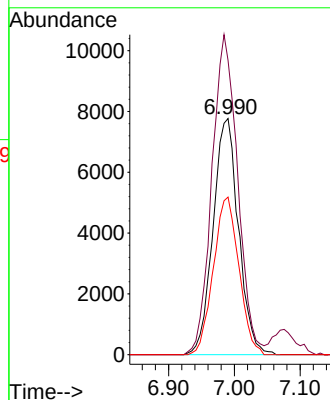
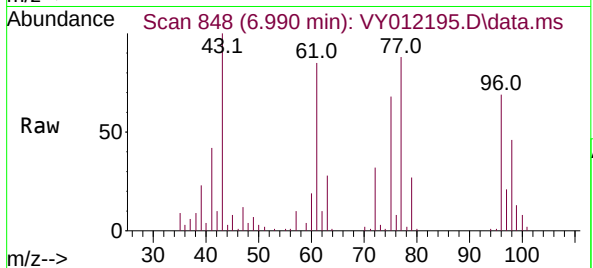
Tgt Ion: 96 Resp: 20908

Ion Ratio Lower Upper

96 100

61 137.2 0.0 283.4

98 66.9 0.0 127.6



#28

Bromochloromethane

Concen: 10.348 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

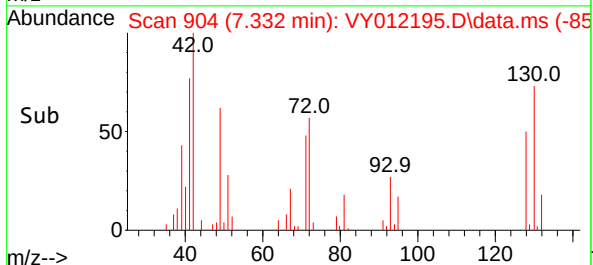
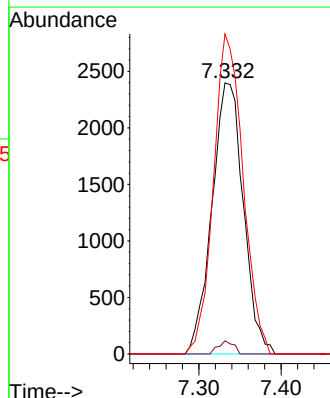
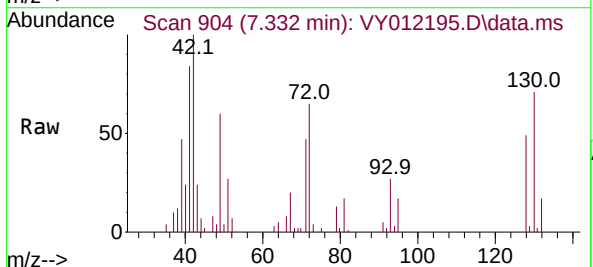
Tgt Ion: 49 Resp: 6358

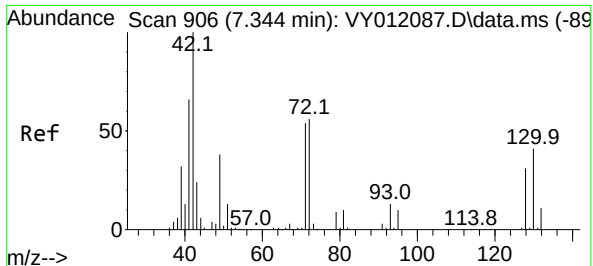
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 111.2 66.7 100.1#





#29

Tetrahydrofuran

Concen: 56.434 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

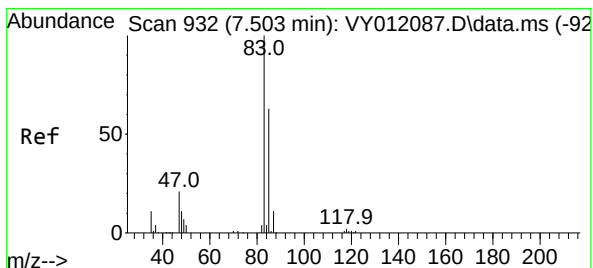
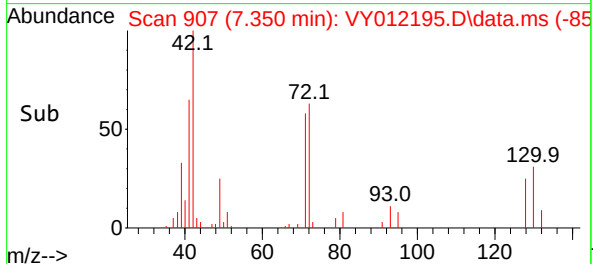
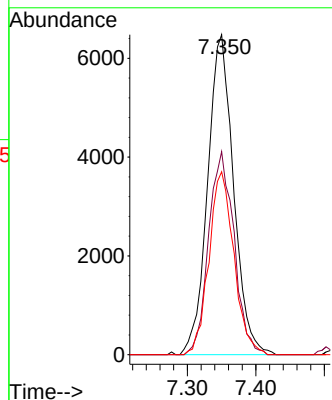
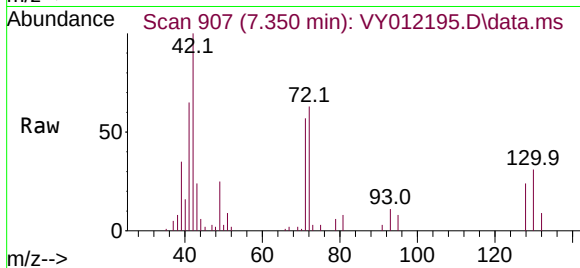
Tgt Ion: 42 Resp: 17073

Ion Ratio Lower Upper

42 100

72 62.0 37.0 55.6#

71 55.0 34.9 52.3#



#30

Chloroform

Concen: 10.754 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY012195.D

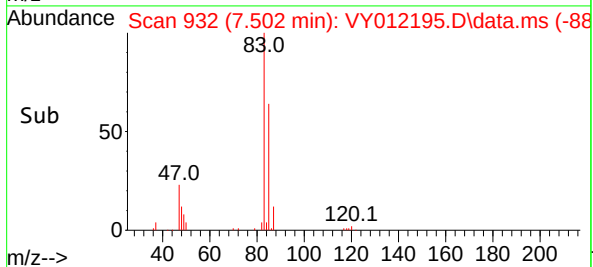
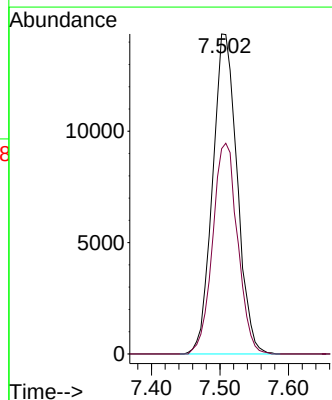
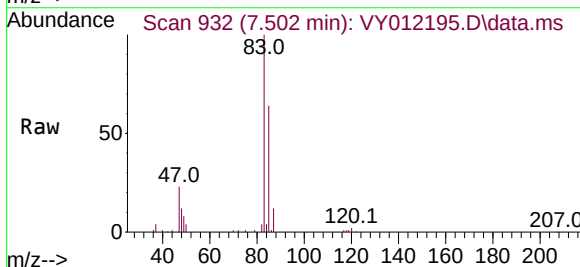
Acq: 16 Jan 2023 13:03

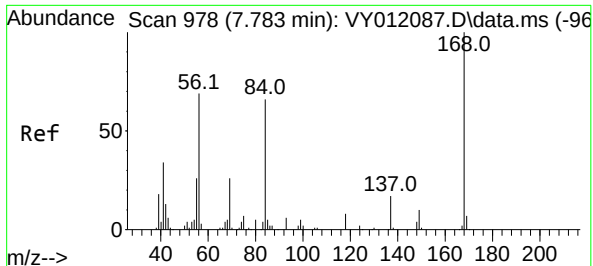
Tgt Ion: 83 Resp: 35715

Ion Ratio Lower Upper

83 100

85 64.1 51.5 77.3

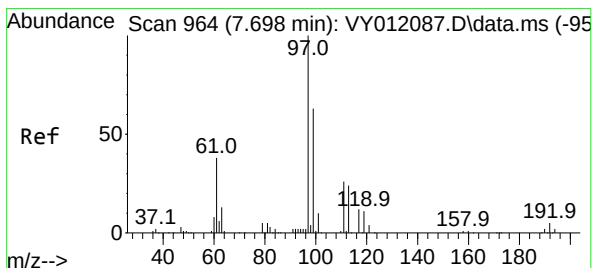
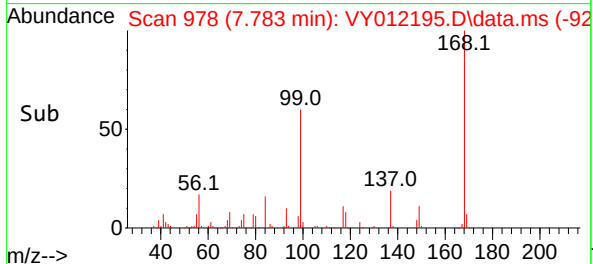
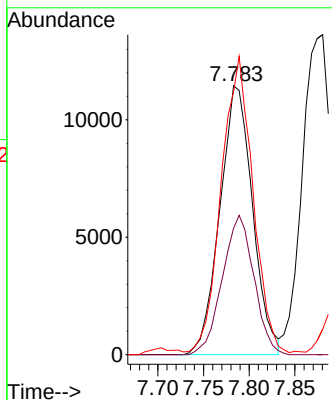
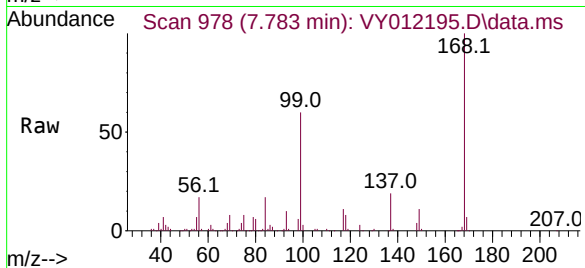




#31
Cyclohexane
Concen: 10.907 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

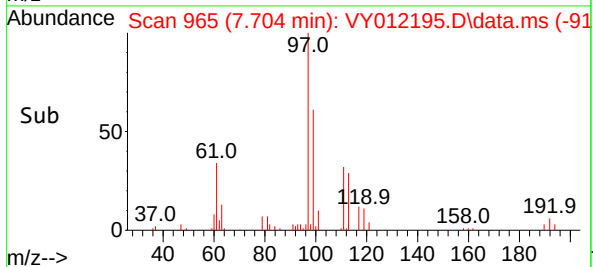
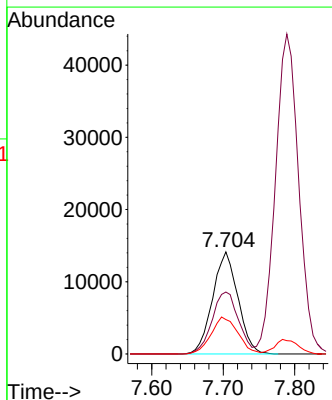
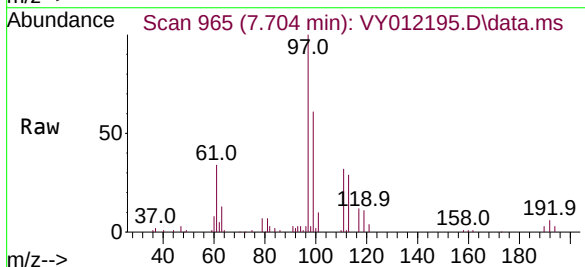
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

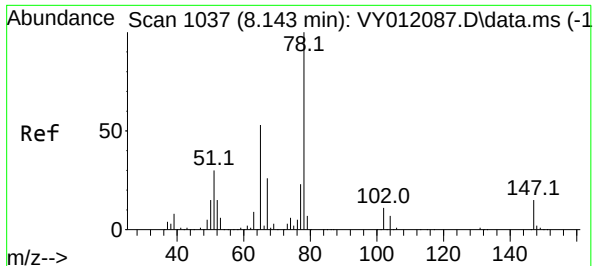
Tgt Ion: 56 Resp: 28490
Ion Ratio Lower Upper
56 100
69 47.0 29.2 43.8#
84 95.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 10.564 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 97 Resp: 34735
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 38.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 10.175 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

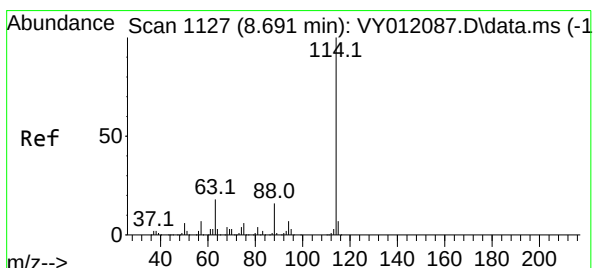
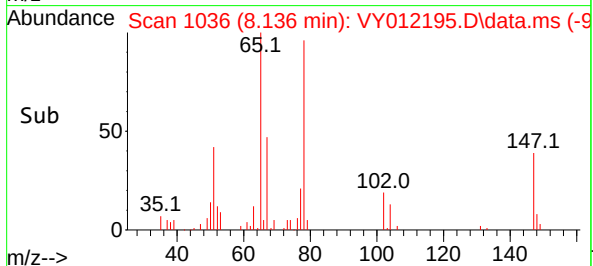
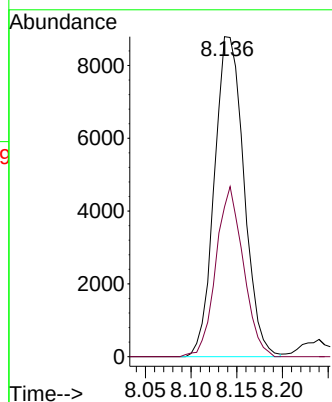
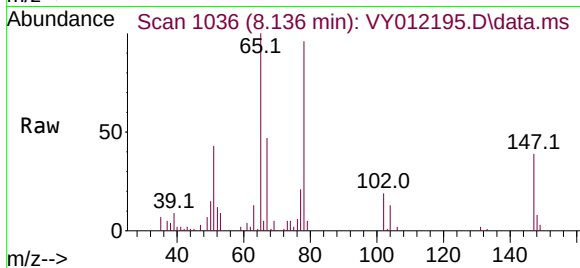
VSTDIC010

Tgt Ion: 65 Resp: 19761

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

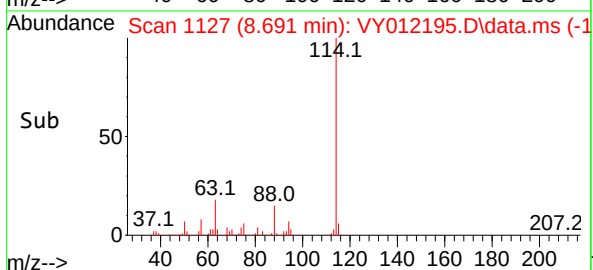
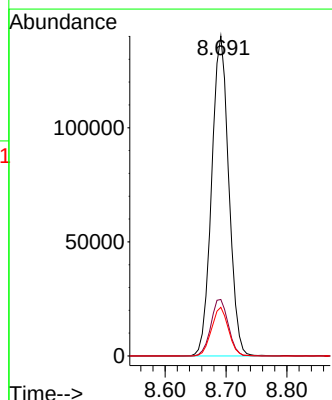
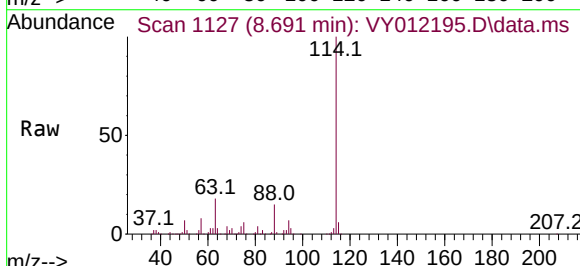
Tgt Ion: 114 Resp: 273419

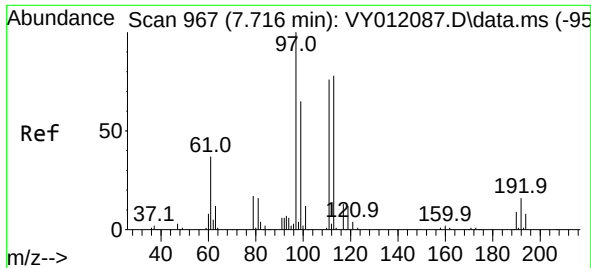
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.2 0.0 32.2

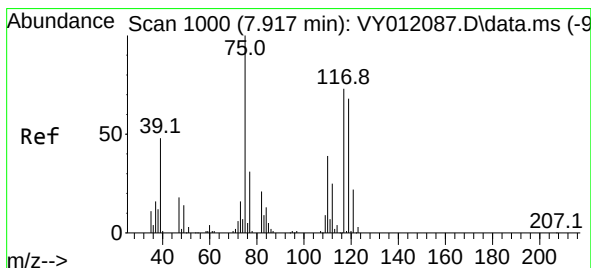
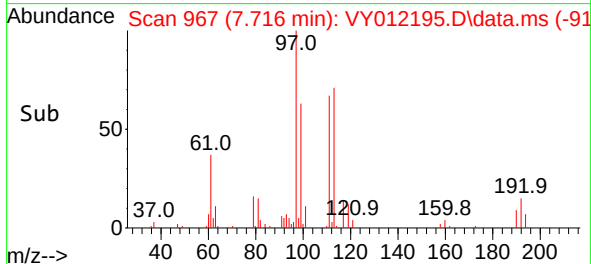
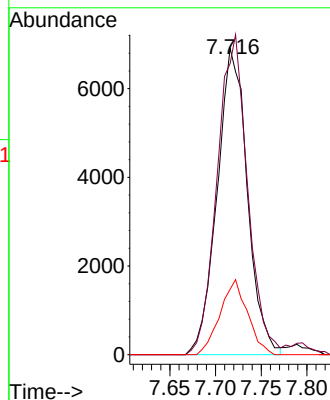
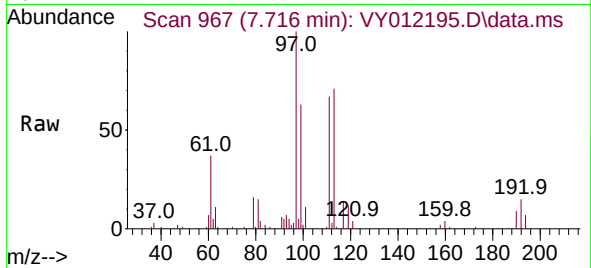




#35
Dibromofluoromethane
Concen: 10.975 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

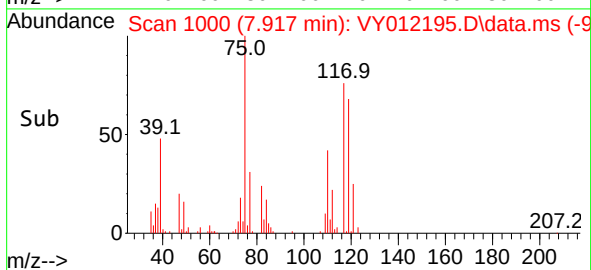
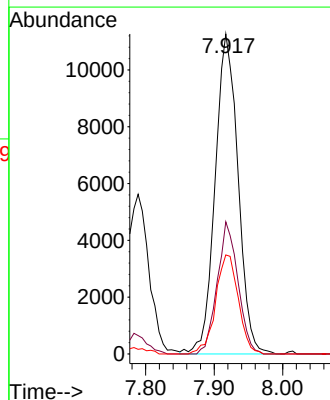
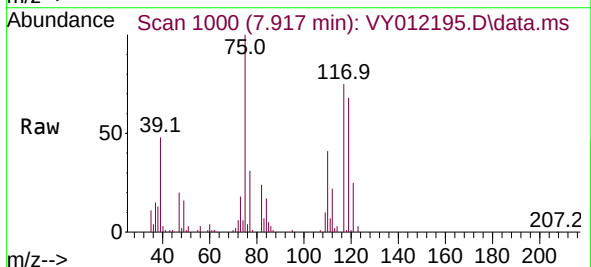
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

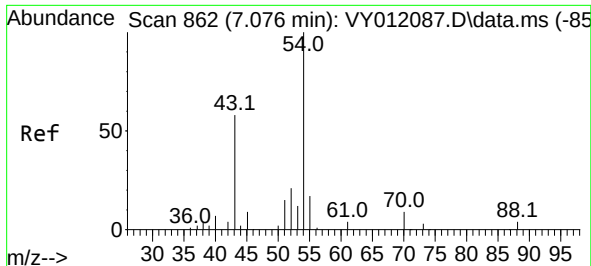
Tgt Ion:113 Resp: 15889
Ion Ratio Lower Upper
113 100
111 105.7 83.0 124.4
192 22.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 10.619 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 75 Resp: 26128
Ion Ratio Lower Upper
75 100
110 37.4 18.1 54.1
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 11.242 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

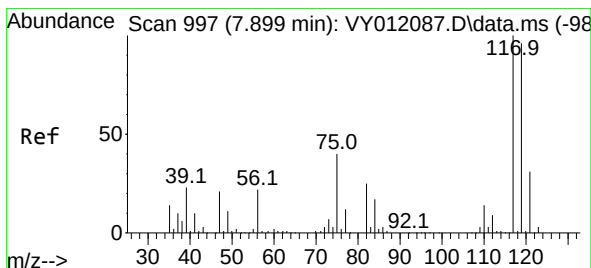
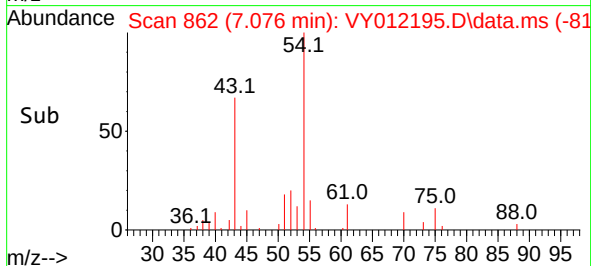
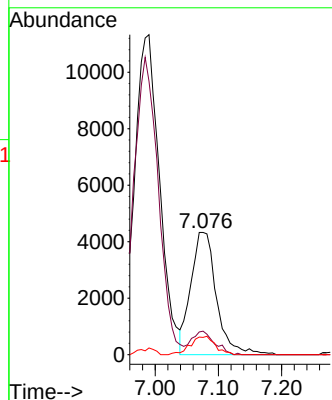
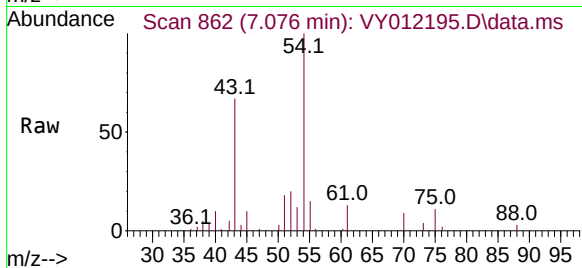
Tgt Ion: 43 Resp: 12194

Ion Ratio Lower Upper

43 100

61 17.2 11.3 16.9#

70 14.4 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 10.587 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

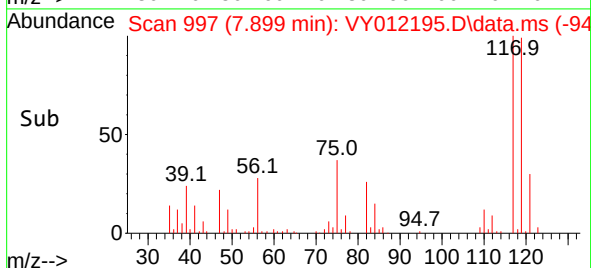
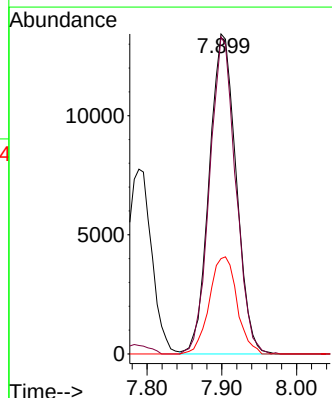
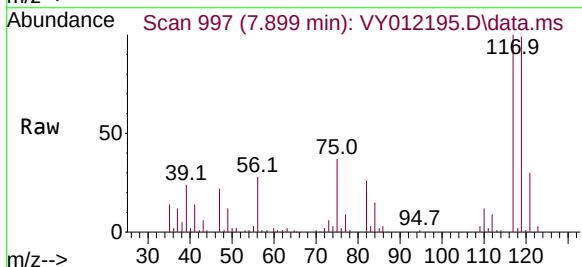
Tgt Ion: 117 Resp: 33643

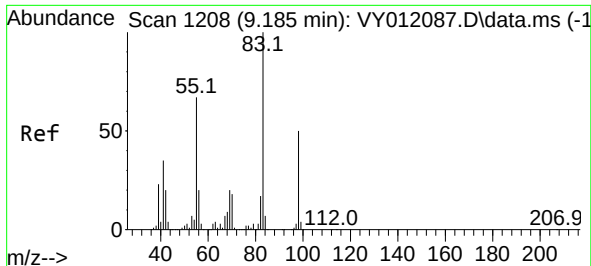
Ion Ratio Lower Upper

117 100

119 99.1 73.8 110.8

121 29.8 25.2 37.8





#39

Methylcyclohexane

Concen: 10.294 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

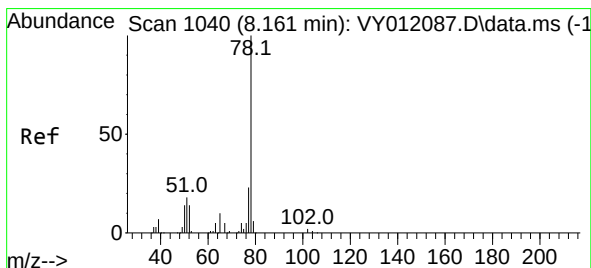
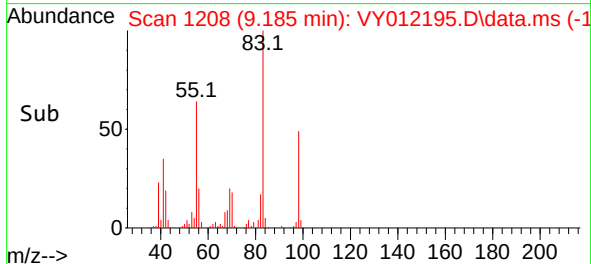
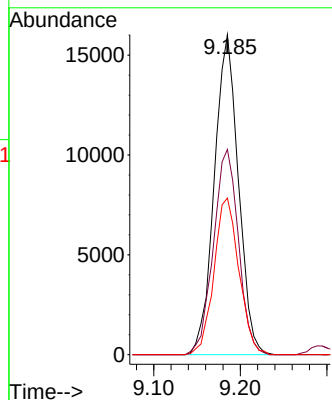
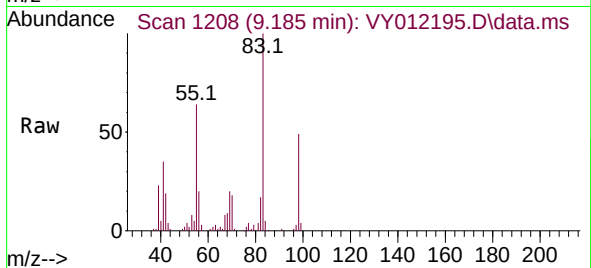
Tgt Ion: 83 Resp: 30952

Ion Ratio Lower Upper

83 100

55 64.1 58.2 87.2

98 48.9 38.6 58.0



#40

Benzene

Concen: 10.590 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012195.D

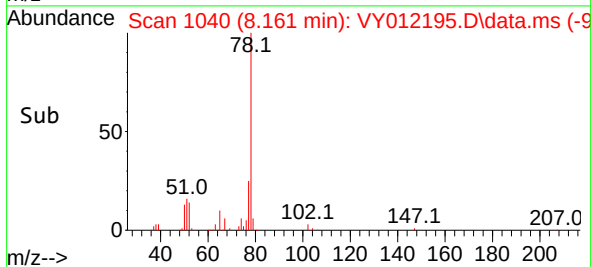
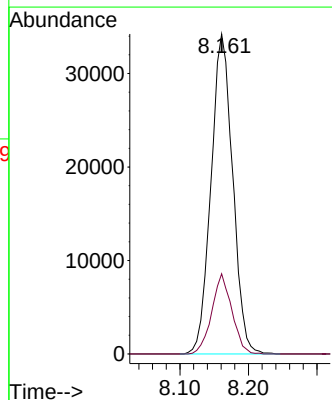
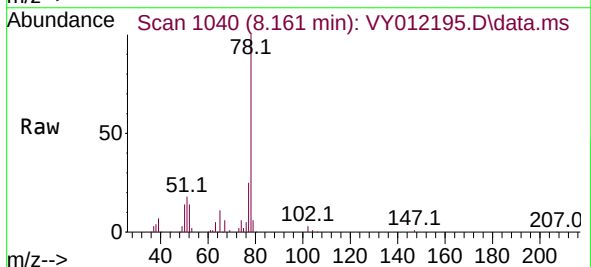
Acq: 16 Jan 2023 13:03

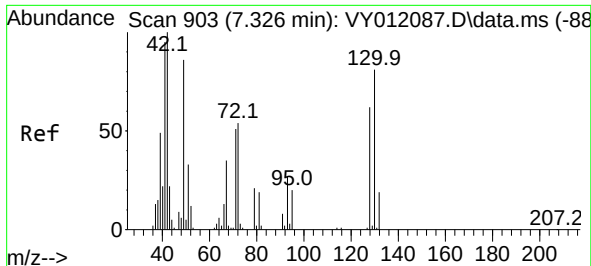
Tgt Ion: 78 Resp: 75207

Ion Ratio Lower Upper

78 100

77 25.0 18.6 27.8

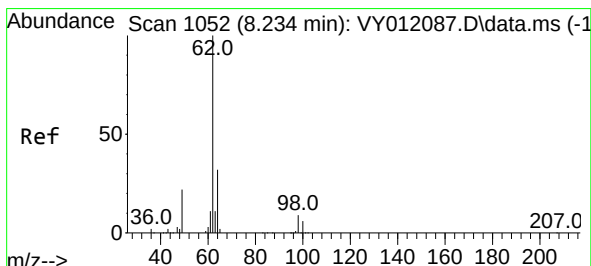
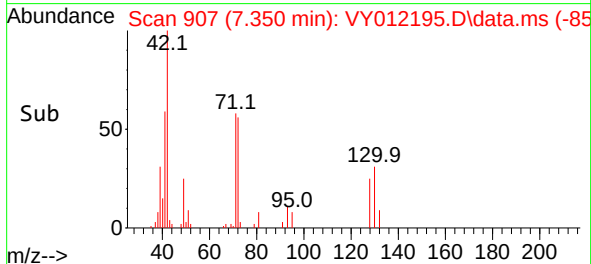
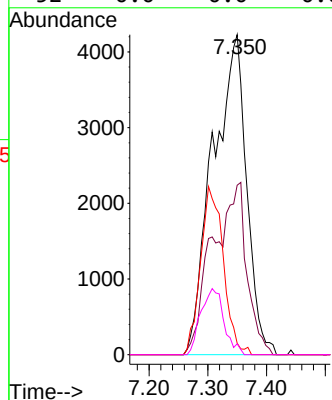
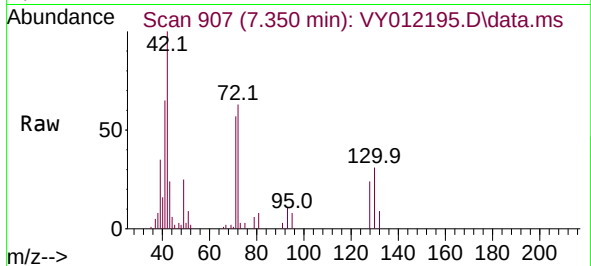




#41
Methacrylonitrile
Concen: 26.414 ug/l
RT: 7.350 min Scan# 903
Delta R.T. 0.024 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

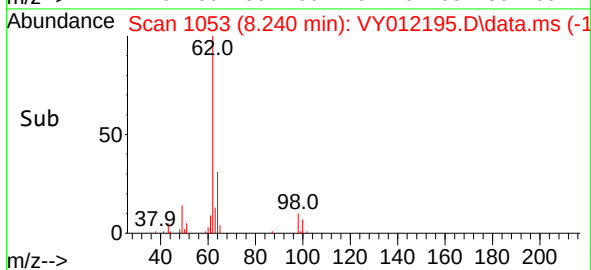
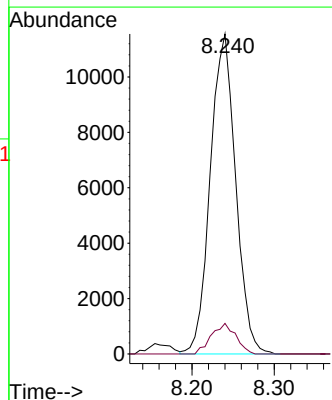
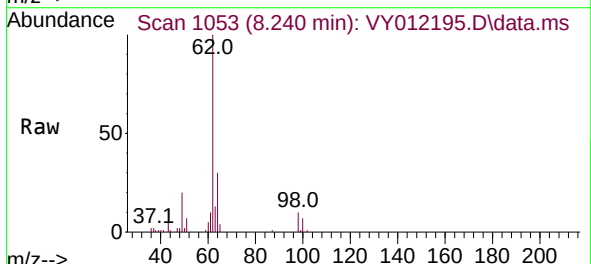
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

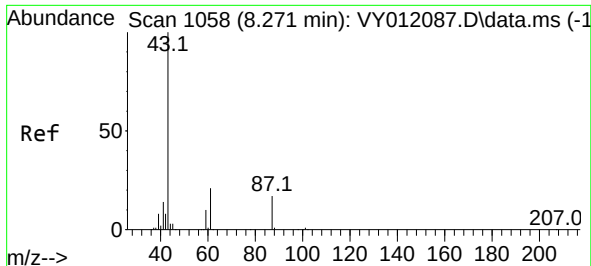
Tgt Ion: 41 Resp: 16841
Ion Ratio Lower Upper
41 100
39 31.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 10.969 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 62 Resp: 24799
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6

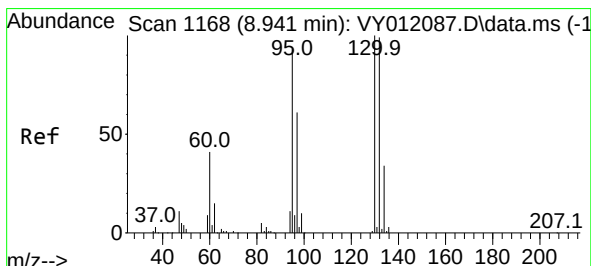
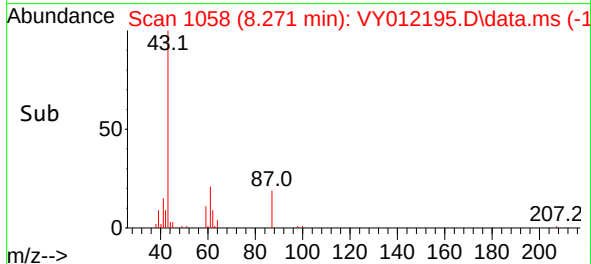
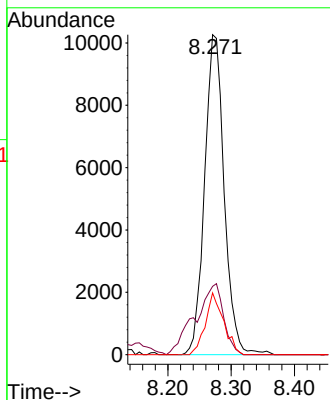
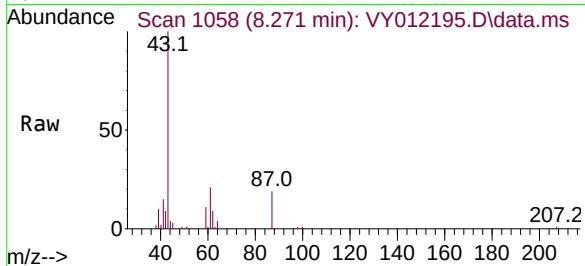




#43
Isopropyl Acetate
Concen: 10.977 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

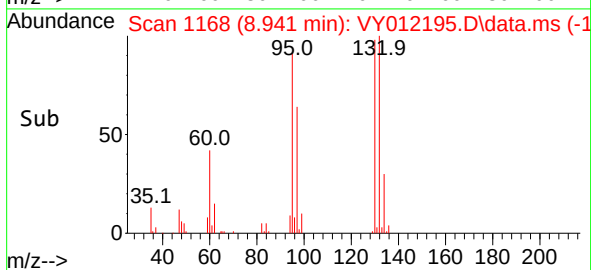
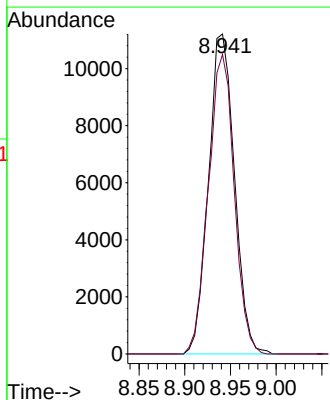
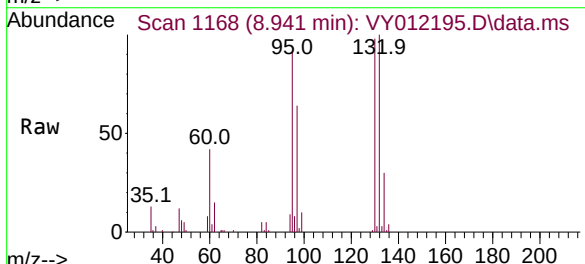
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

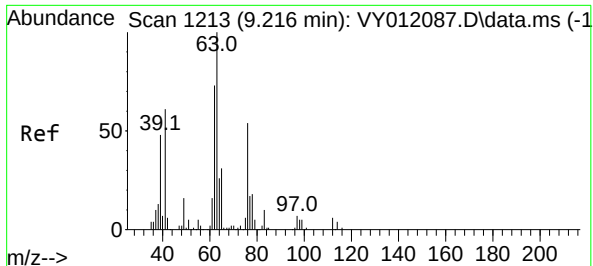
Tgt Ion: 43 Resp: 22151
Ion Ratio Lower Upper
43 100
61 32.1 24.4 36.6
87 17.9 11.4 17.2#



#44
Trichloroethene
Concen: 10.429 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion:130 Resp: 22136
Ion Ratio Lower Upper
130 100
95 93.6 0.0 190.6





#45

1,2-Dichloropropane

Concen: 10.621 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

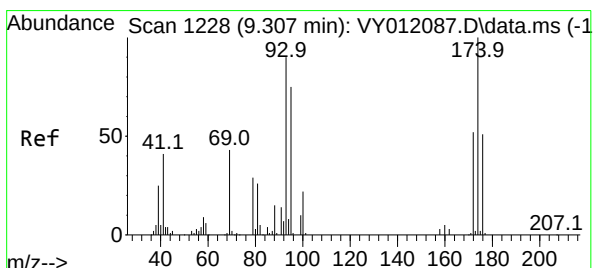
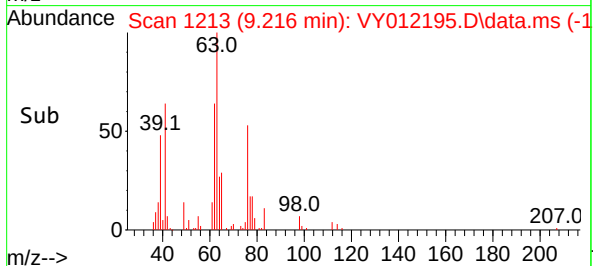
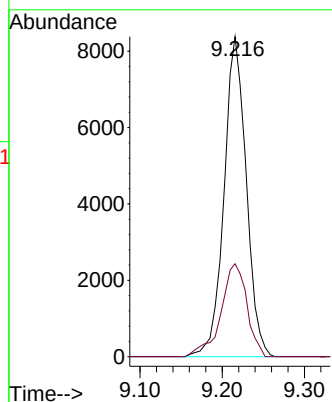
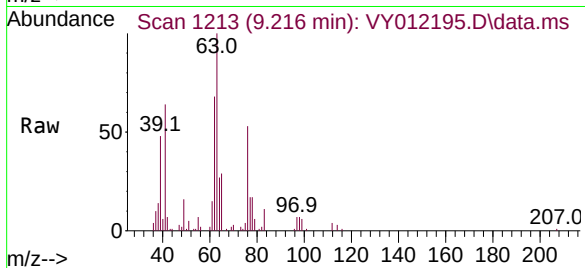
VSTDIC010

Tgt Ion: 63 Resp: 15739

Ion Ratio Lower Upper

63 100

65 29.0 24.9 37.3



#46

Dibromomethane

Concen: 10.850 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

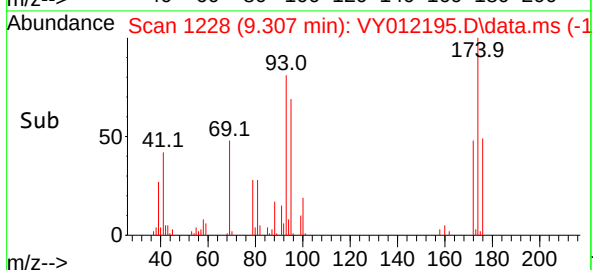
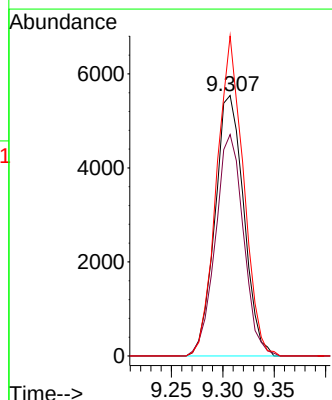
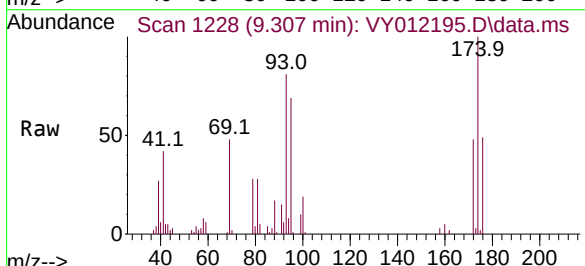
Tgt Ion: 93 Resp: 10763

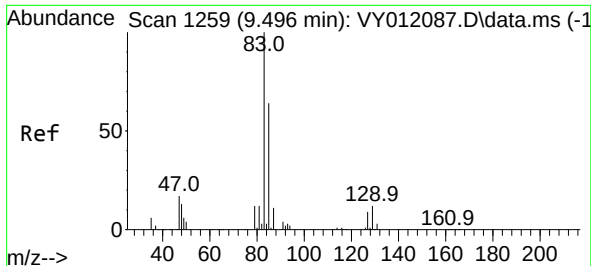
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 114.3 84.7 127.1

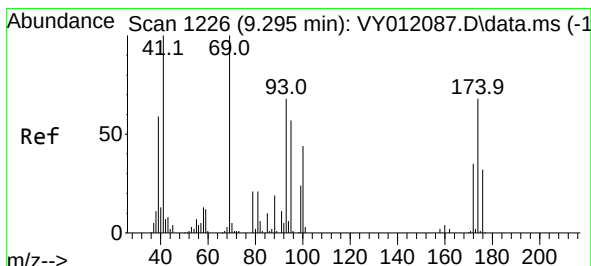
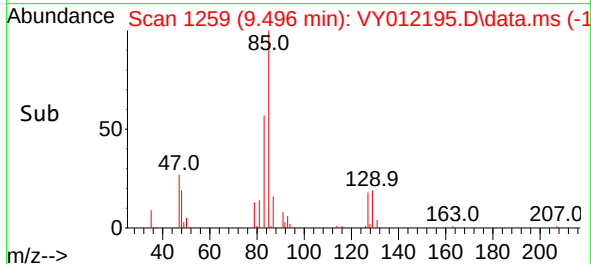
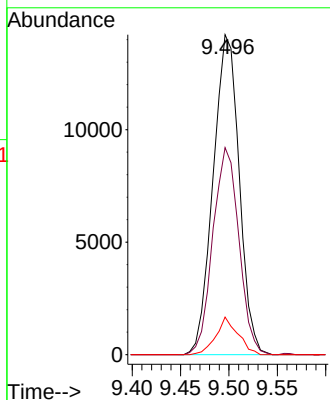
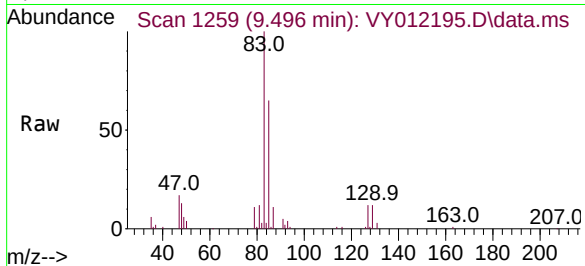




#47
Bromodichloromethane
Concen: 10.683 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

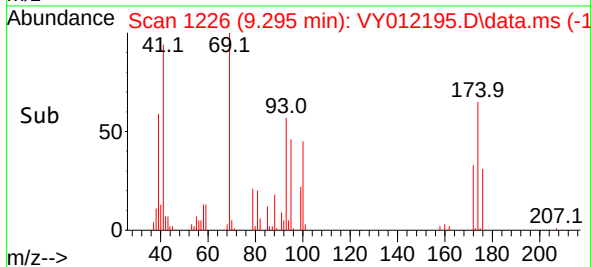
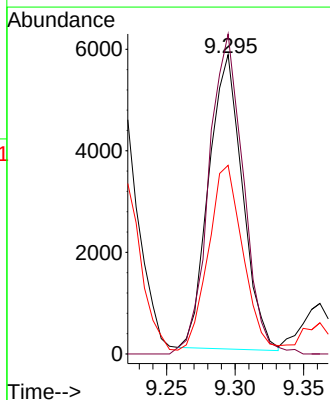
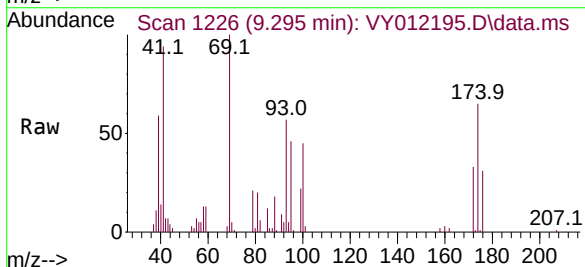
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

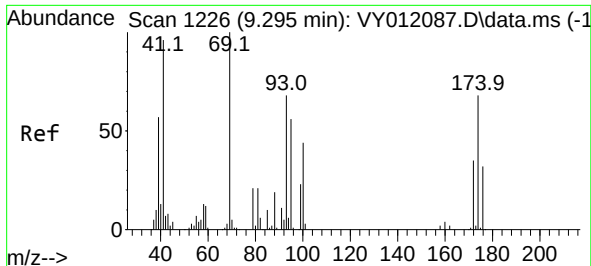
Tgt Ion: 83 Resp: 26678
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0
127 11.8 7.3 10.9#



#48
Methyl methacrylate
Concen: 10.677 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 41 Resp: 9928
Ion Ratio Lower Upper
41 100
69 110.9 74.2 111.2
39 64.5 46.3 69.5





#49

1,4-Dioxane

Concen: 222.453 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

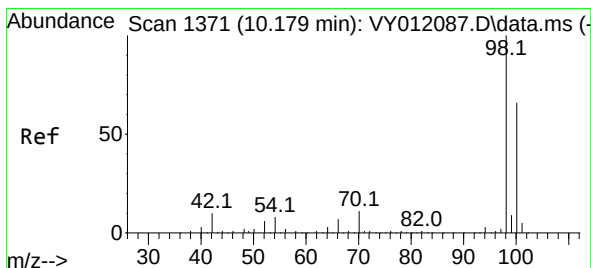
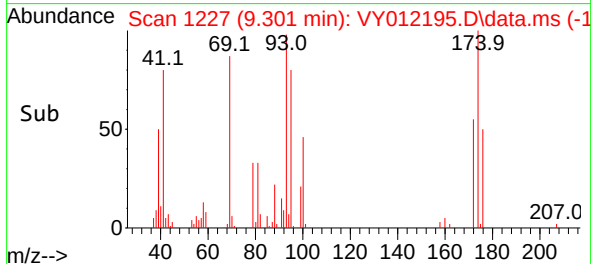
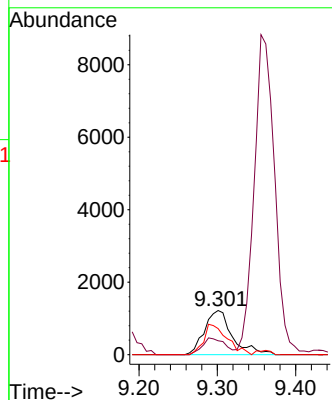
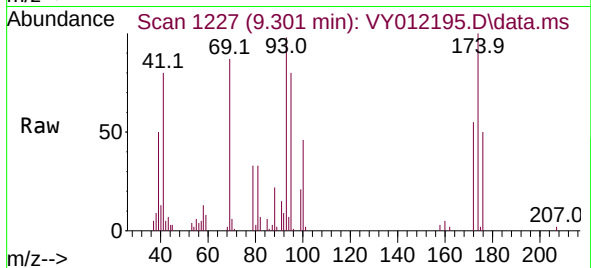
Tgt Ion: 88 Resp: 3007

Ion Ratio Lower Upper

88 100

43 30.3 26.2 39.2

58 57.6 54.3 81.5



#50

Toluene-d8

Concen: 9.433 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012195.D

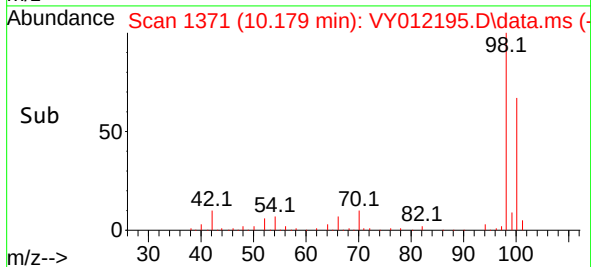
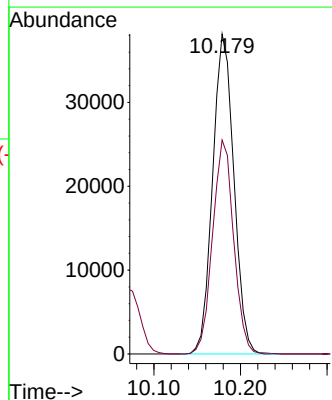
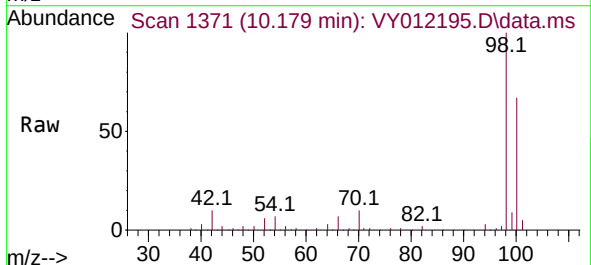
Acq: 16 Jan 2023 13:03

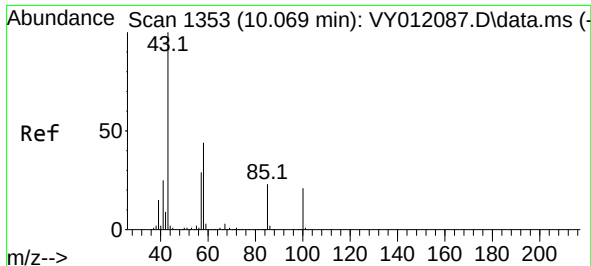
Tgt Ion: 98 Resp: 64948

Ion Ratio Lower Upper

98 100

100 66.3 51.9 77.9

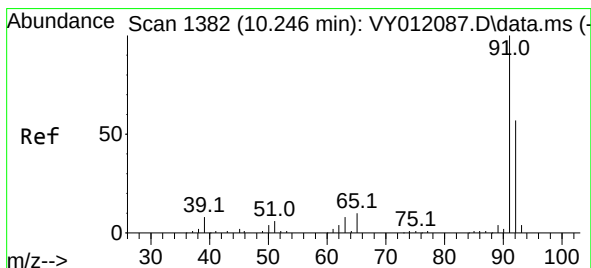
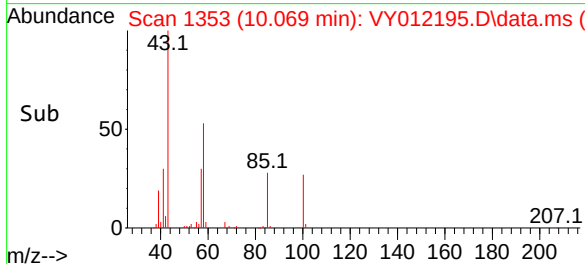
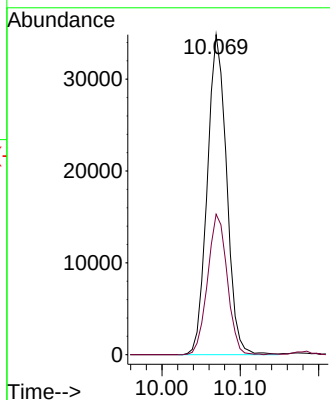
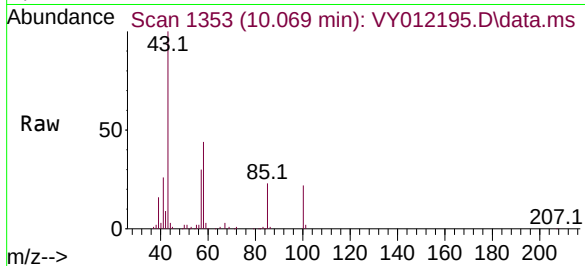




#51
4-Methyl-2-Pentanone
Concen: 55.424 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

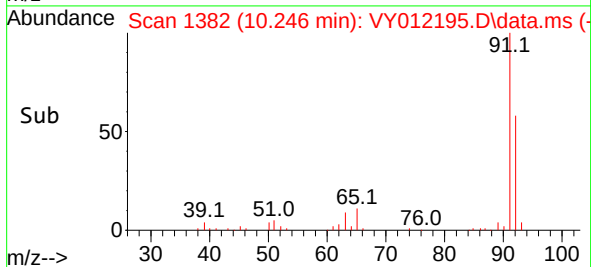
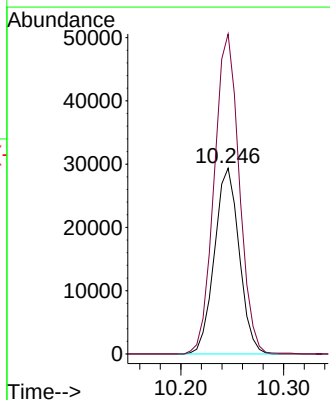
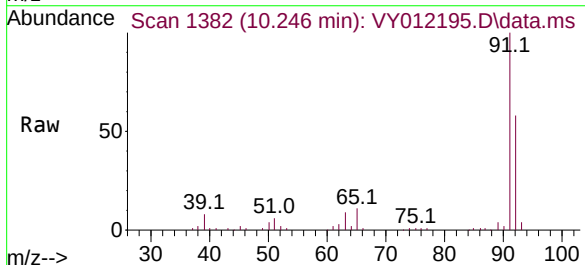
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

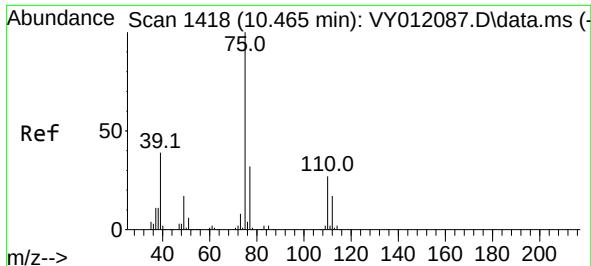
Tgt Ion: 43 Resp: 59640
Ion Ratio Lower Upper
43 100
58 44.4 32.9 49.3



#52
Toluene
Concen: 10.359 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 92 Resp: 48980
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0

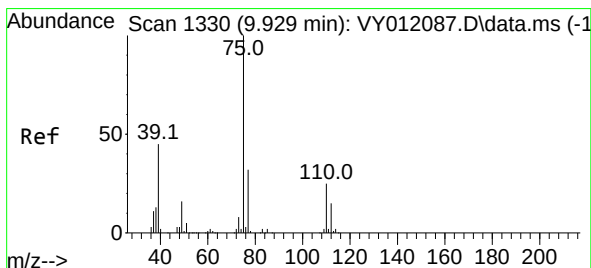
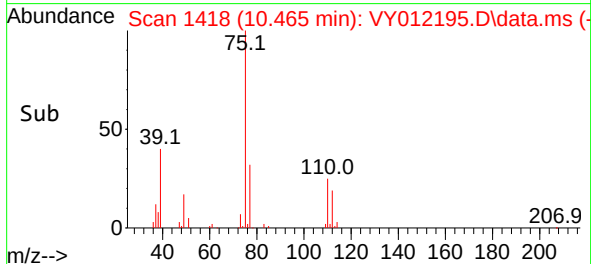
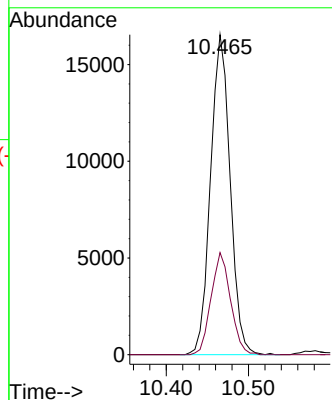
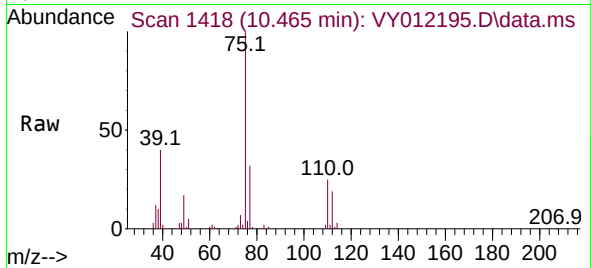




#53
t-1,3-Dichloropropene
Concen: 10.494 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

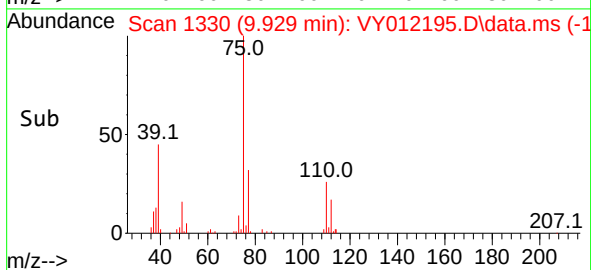
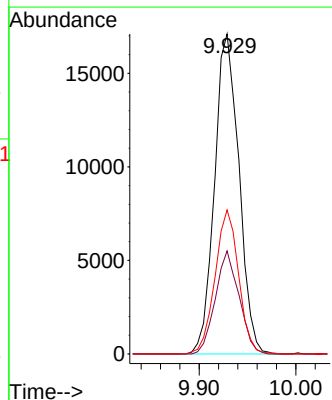
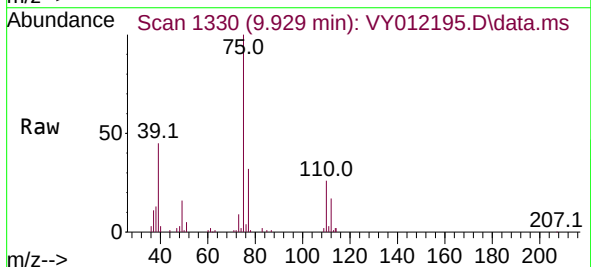
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

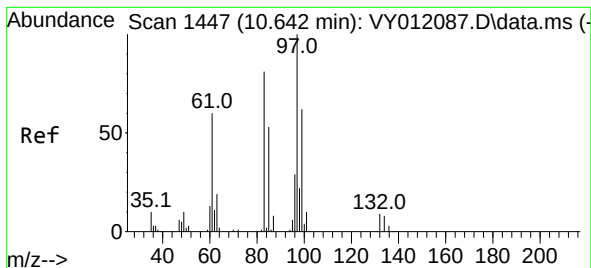
Tgt Ion: 75 Resp: 27411
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 10.642 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 75 Resp: 29935
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9
39 45.0 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 11.096 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 15639

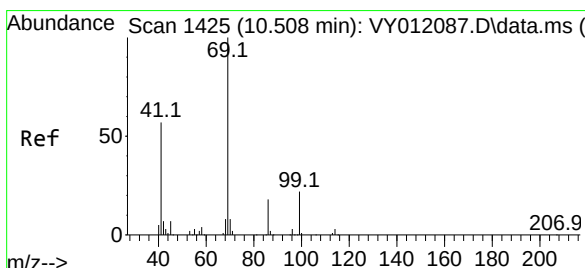
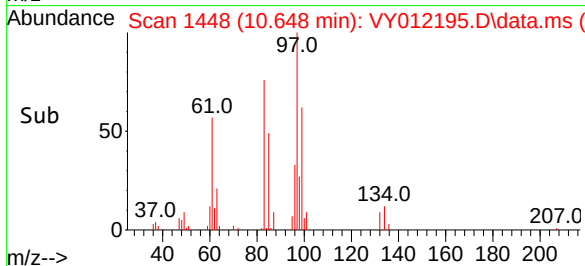
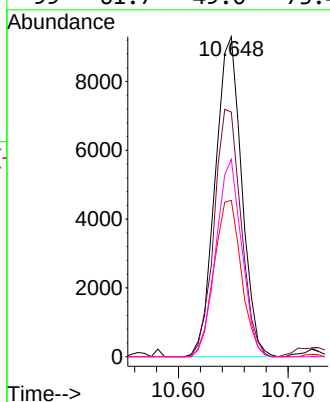
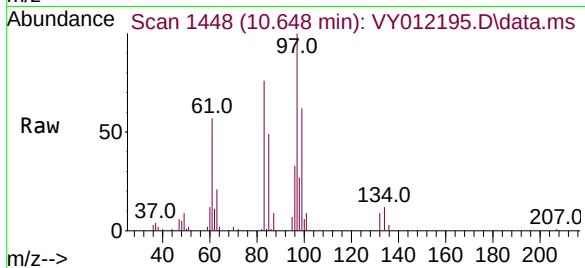
Ion Ratio Lower Upper

97 100

83 76.5 67.7 101.5

85 48.8 43.8 65.8

99 61.7 49.0 73.4



#56

Ethyl methacrylate

Concen: 10.586 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

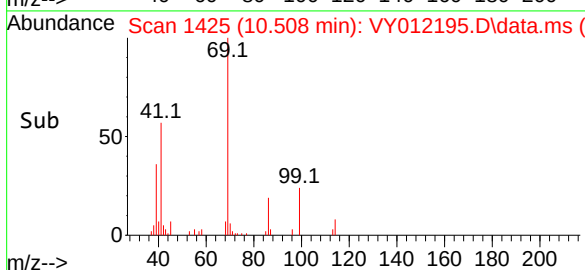
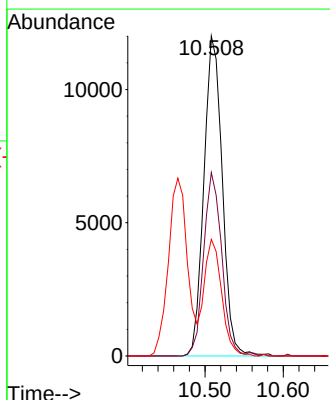
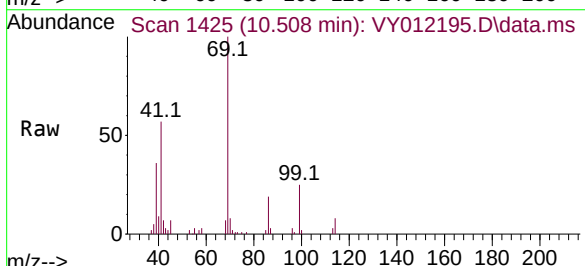
Tgt Ion: 69 Resp: 19575

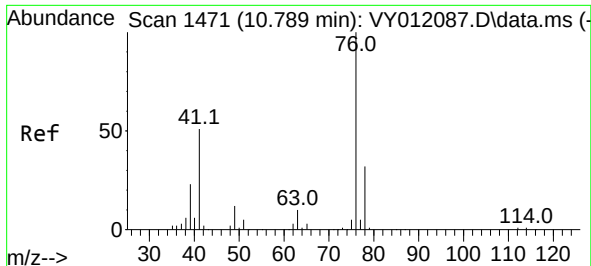
Ion Ratio Lower Upper

69 100

41 56.6 48.9 73.3

39 34.6 25.9 38.9





#57

1,3-Dichloropropane

Concen: 10.694 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

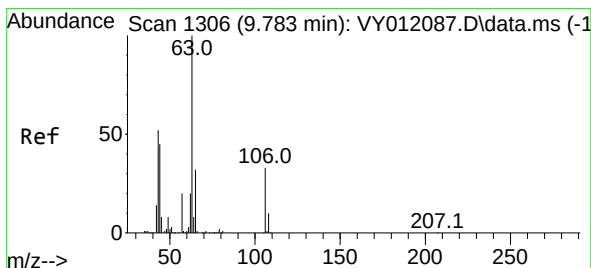
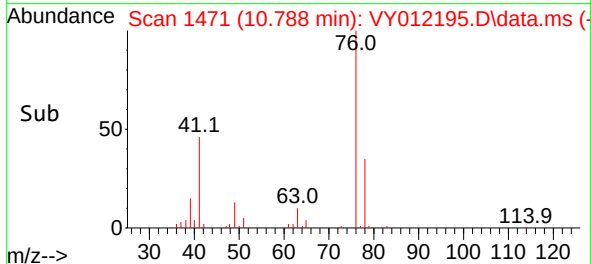
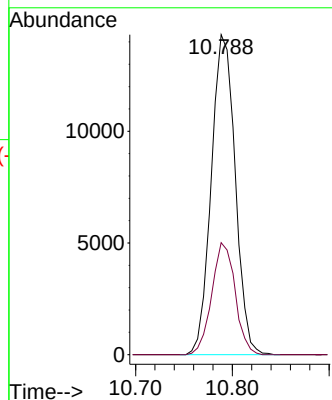
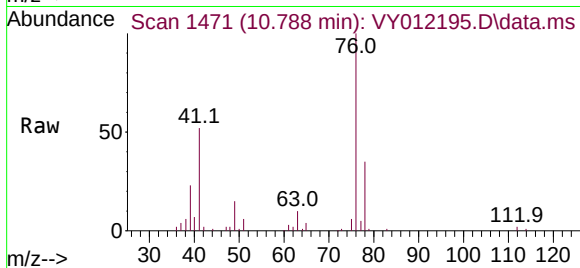
VSTDIC010

Tgt Ion: 76 Resp: 24616

Ion Ratio Lower Upper

76 100

78 34.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 54.320 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012195.D

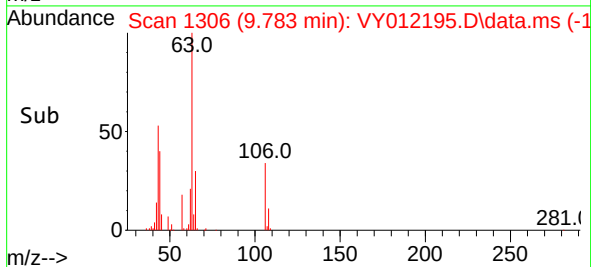
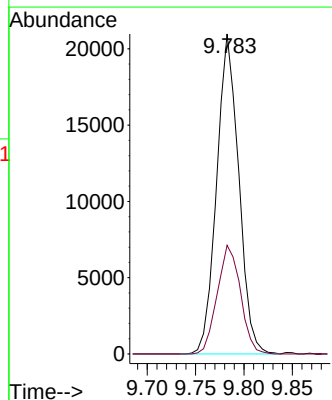
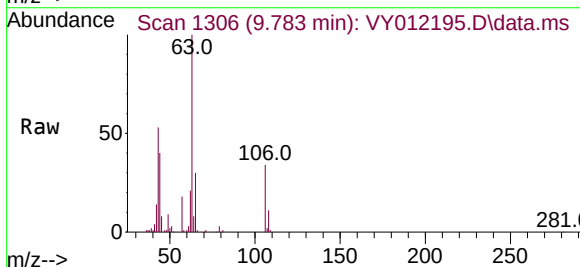
Acq: 16 Jan 2023 13:03

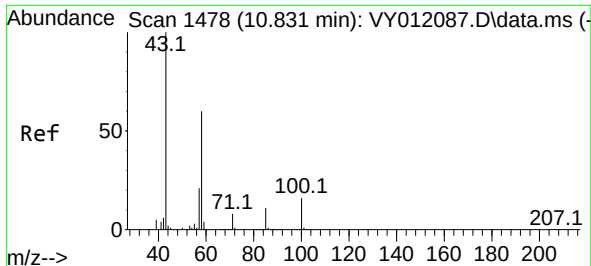
Tgt Ion: 63 Resp: 33235

Ion Ratio Lower Upper

63 100

106 35.7 23.2 34.8#

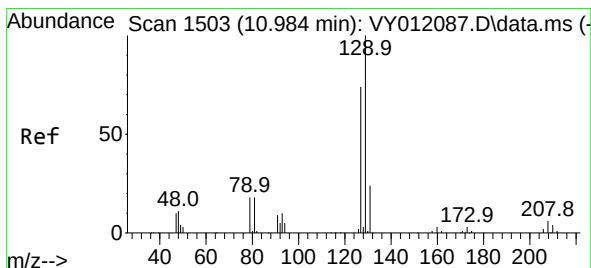
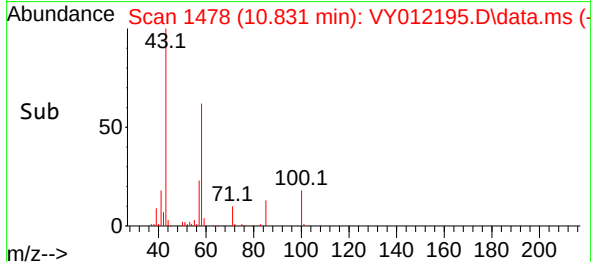
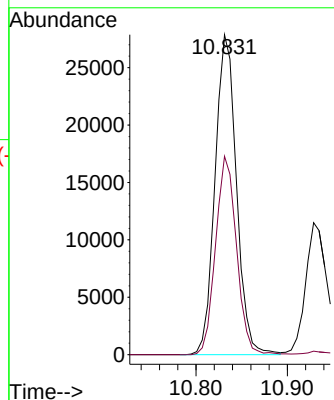
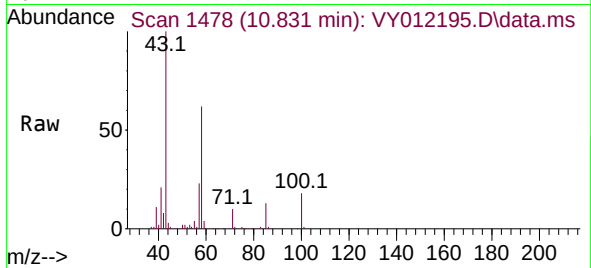




#59
2-Hexanone
Concen: 55.501 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

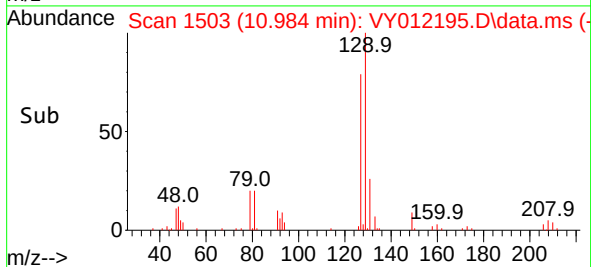
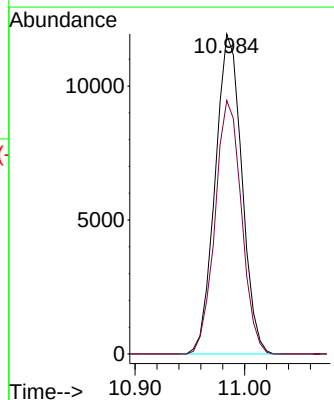
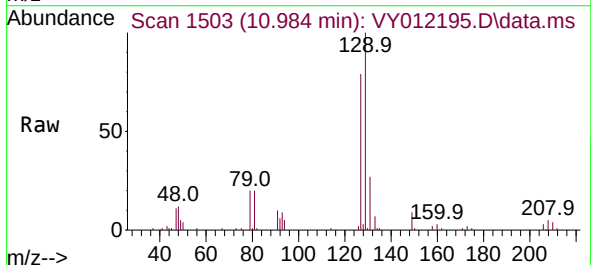
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

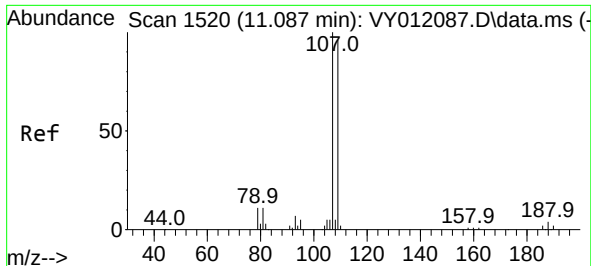
Tgt Ion: 43 Resp: 45470
Ion Ratio Lower Upper
43 100
58 60.7 28.4 85.2



#60
Dibromochloromethane
Concen: 10.797 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 129 Resp: 20184
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6

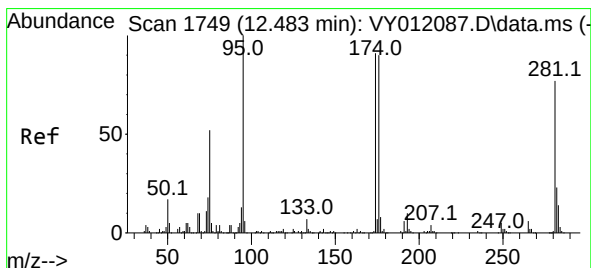
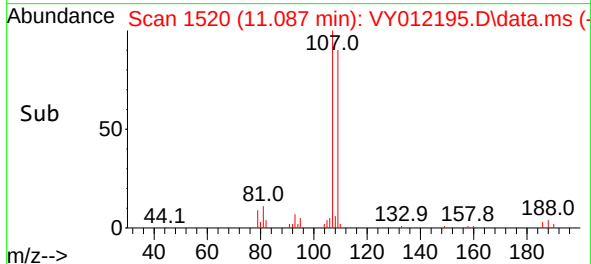
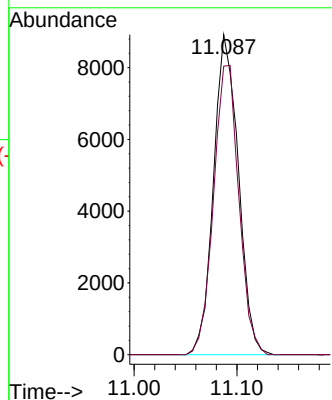
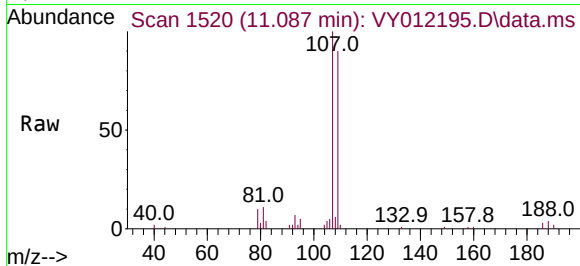




#61
1,2-Dibromoethane
Concen: 10.987 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

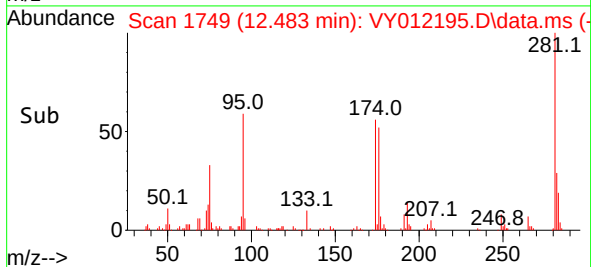
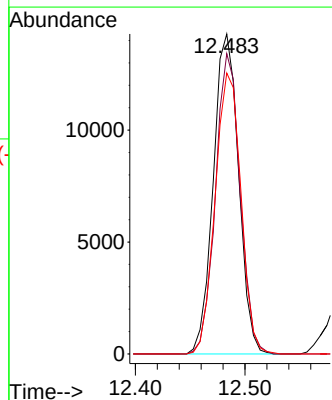
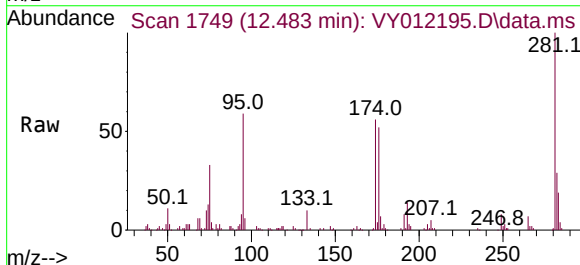
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

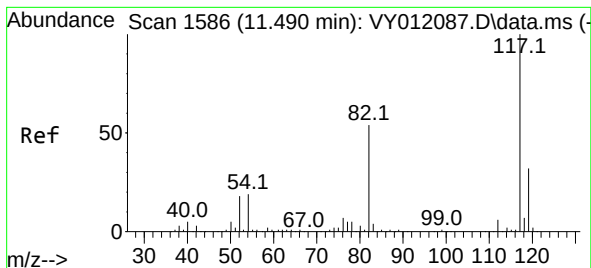
Tgt Ion:107 Resp: 14942
Ion Ratio Lower Upper
107 100
109 92.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 11.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 95 Resp: 22919
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 89.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

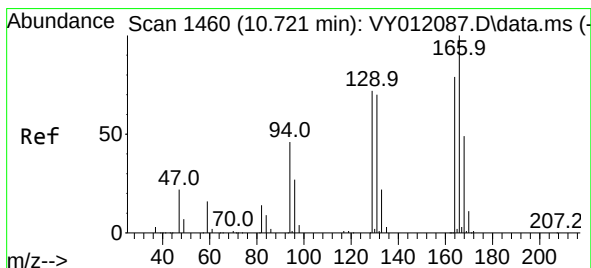
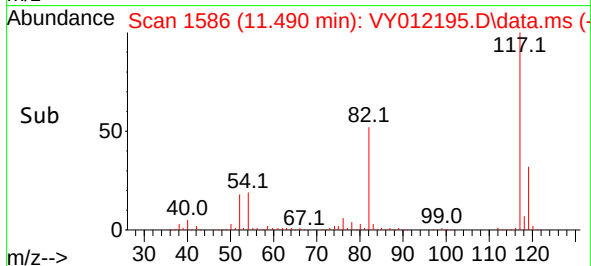
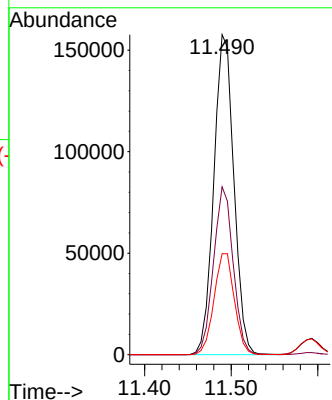
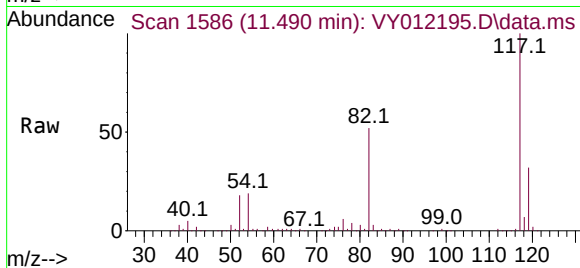
Tgt Ion:117 Resp: 253670

Ion Ratio Lower Upper

117 100

82 52.4 44.8 67.2

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 10.834 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Tgt Ion:164 Resp: 25078

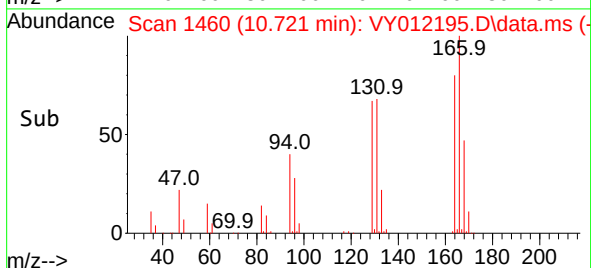
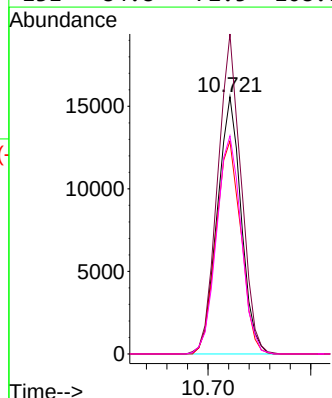
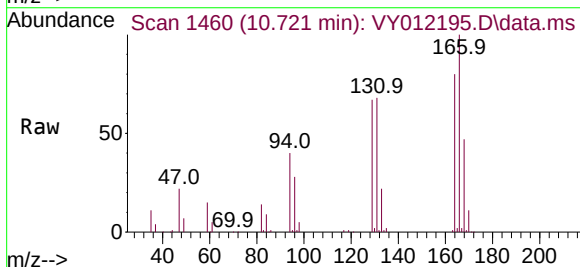
Ion Ratio Lower Upper

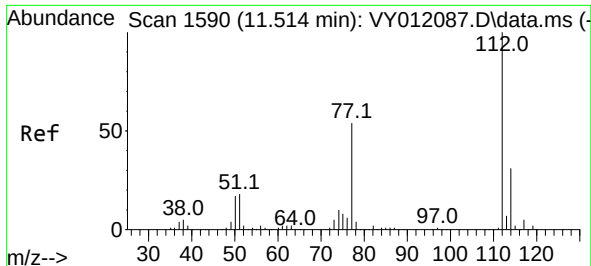
164 100

166 124.4 102.3 153.5

129 82.8 77.2 115.8

131 84.8 72.5 108.7

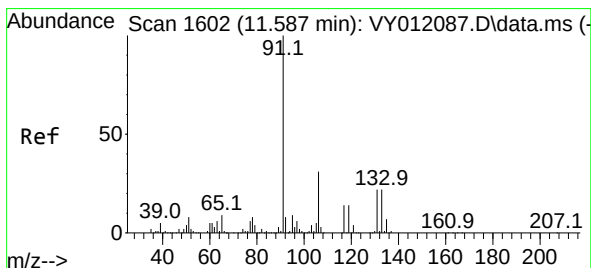
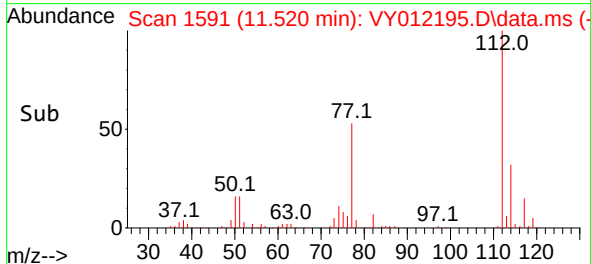
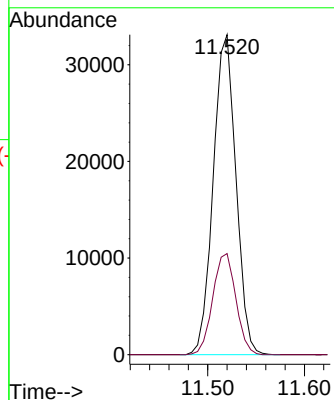
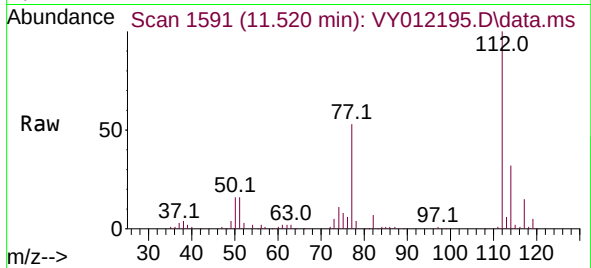




#65
Chlorobenzene
Concen: 10.399 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

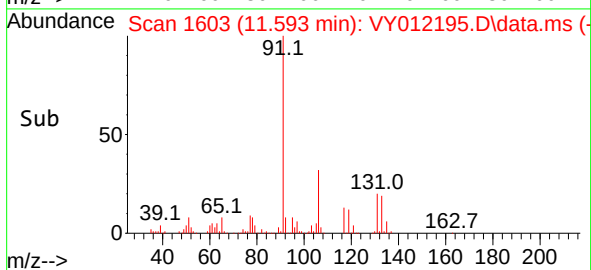
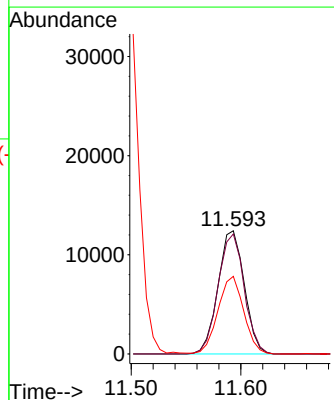
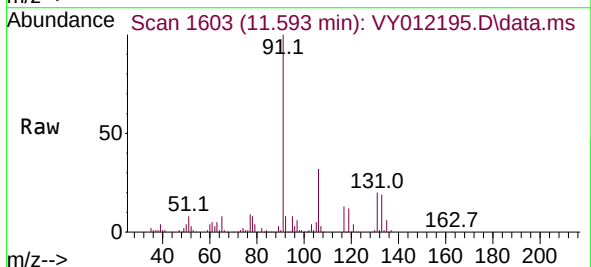
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

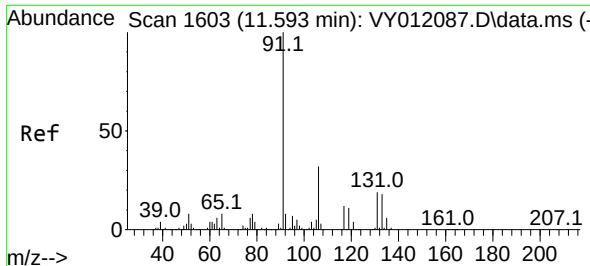
Tgt Ion:112 Resp: 53973
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.571 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion:131 Resp: 20709
Ion Ratio Lower Upper
131 100
133 96.8 47.3 142.0
119 61.6 32.1 96.3





#67

Ethyl Benzene

Concen: 10.346 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

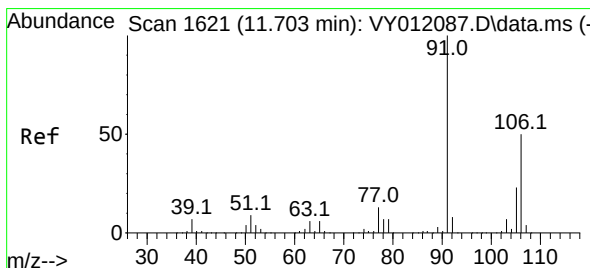
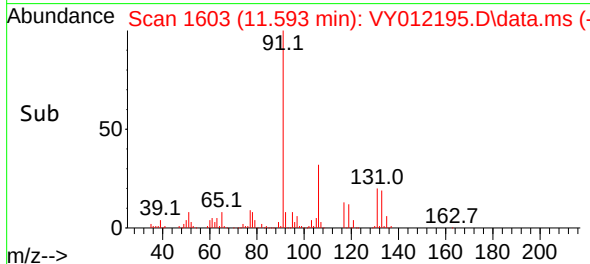
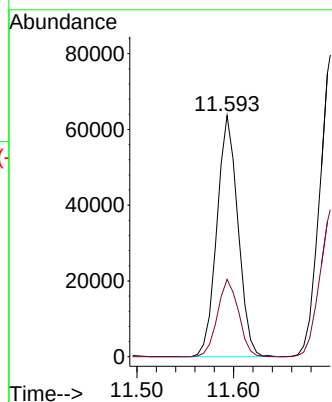
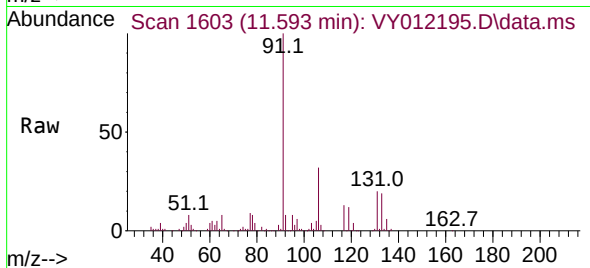
VSTDIC010

Tgt Ion: 91 Resp: 95965

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 20.814 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012195.D

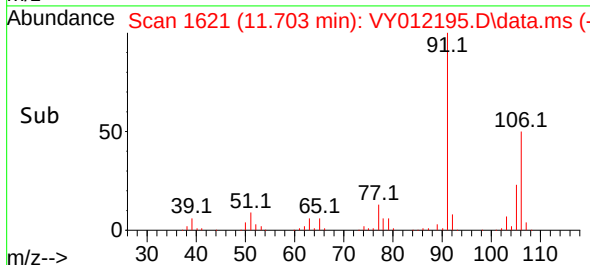
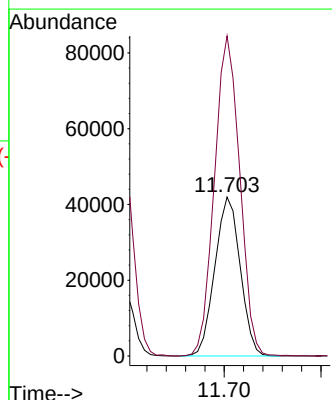
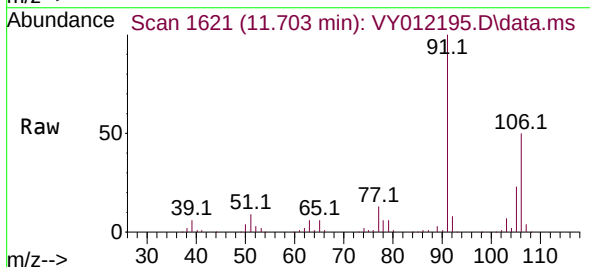
Acq: 16 Jan 2023 13:03

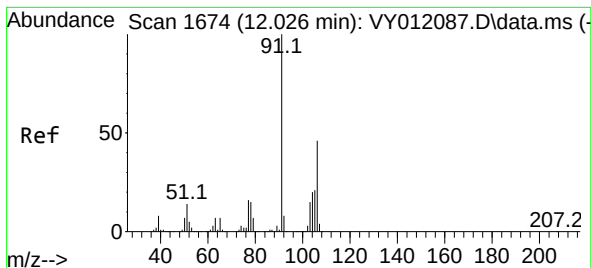
Tgt Ion: 106 Resp: 76335

Ion Ratio Lower Upper

106 100

91 201.5 162.5 243.7





#69

o-Xylene

Concen: 10.360 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

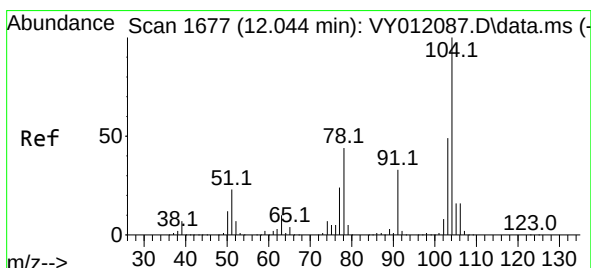
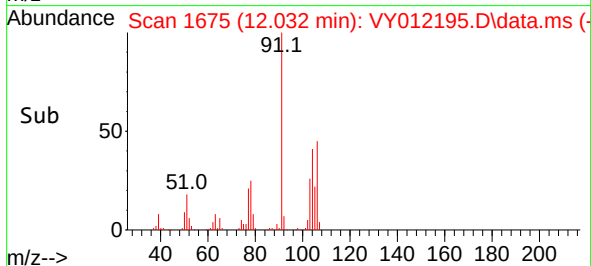
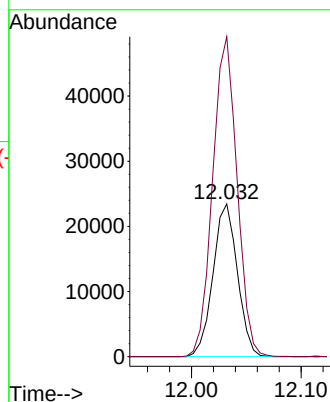
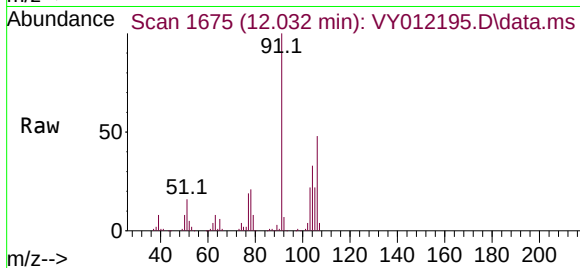
VSTDIC010

Tgt Ion:106 Resp: 36291

Ion Ratio Lower Upper

106 100

91 209.1 107.5 322.4



#70

Styrene

Concen: 10.425 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

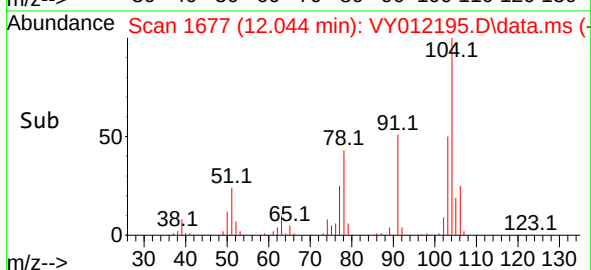
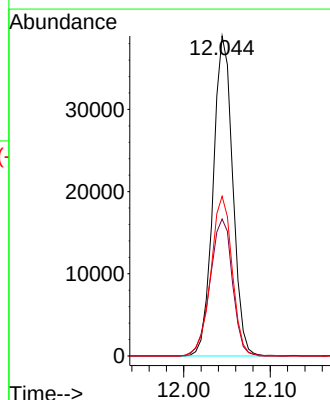
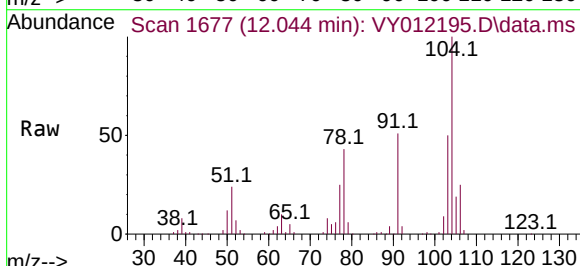
Tgt Ion:104 Resp: 61017

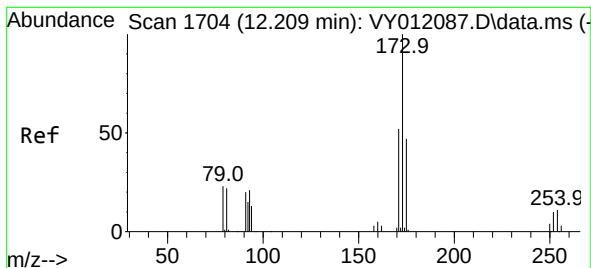
Ion Ratio Lower Upper

104 100

78 49.0 39.4 59.0

103 54.1 43.0 64.4





#71

Bromoform

Concen: 11.011 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

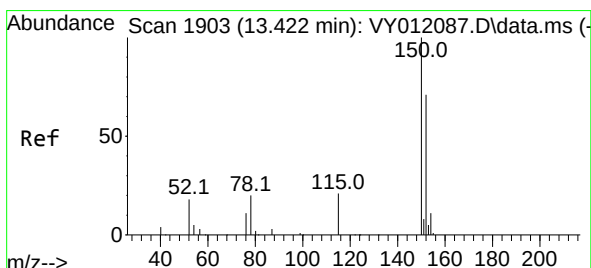
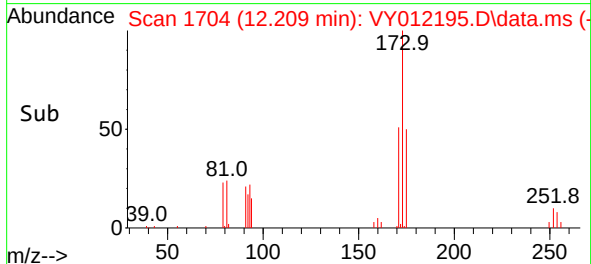
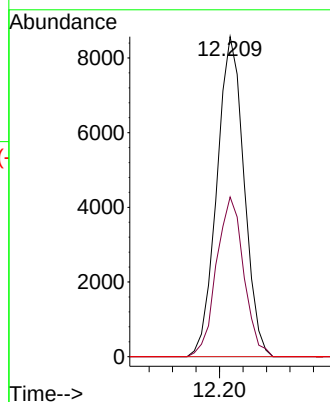
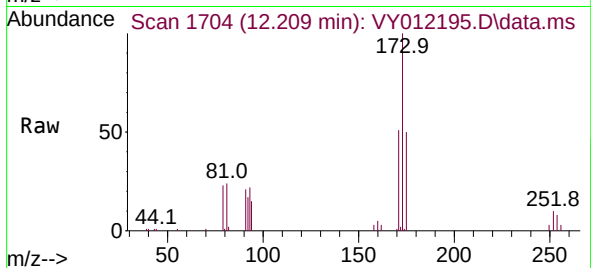
Tgt Ion:173 Resp: 13782

Ion Ratio Lower Upper

173 100

175 50.1 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

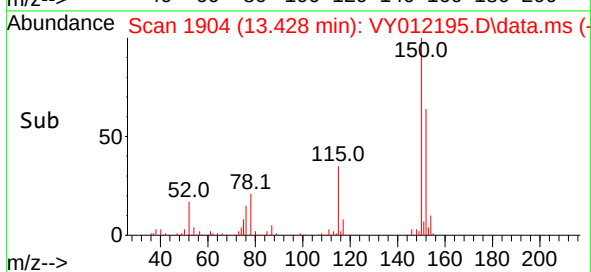
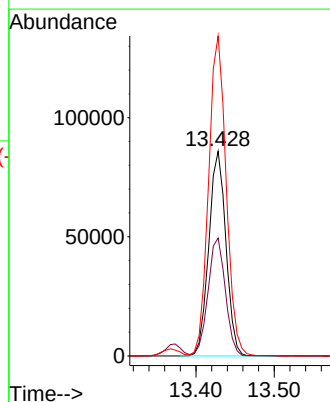
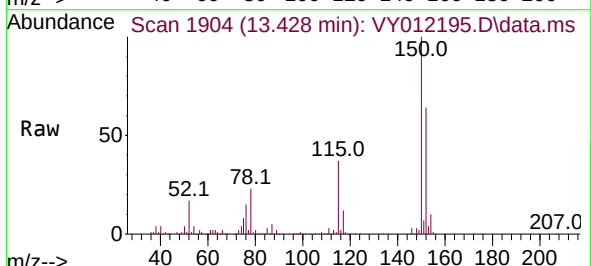
Tgt Ion:152 Resp: 130330

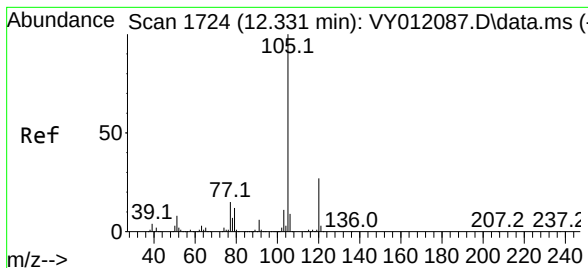
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 160.3 0.0 342.6





#73

Isopropylbenzene

Concen: 10.184 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

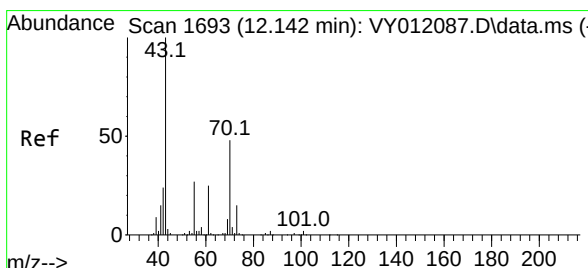
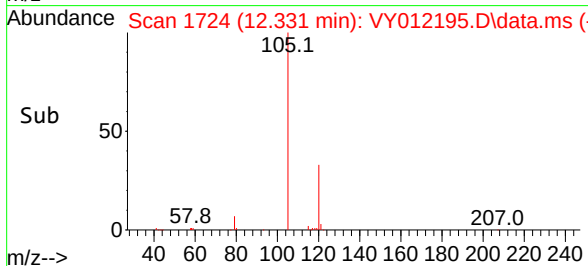
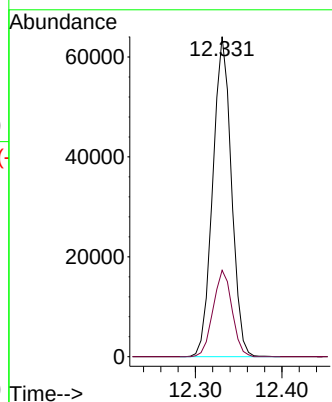
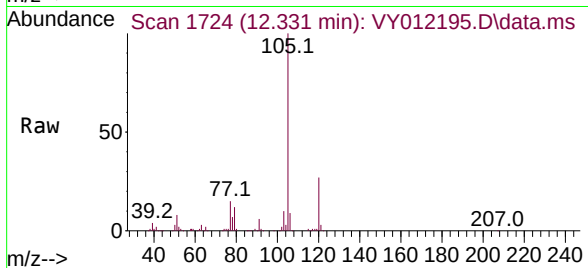
VSTDIC010

Tgt Ion:105 Resp: 95710

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.6



#74

N-ethyl acetate

Concen: 10.223 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Tgt Ion: 43 Resp: 18834

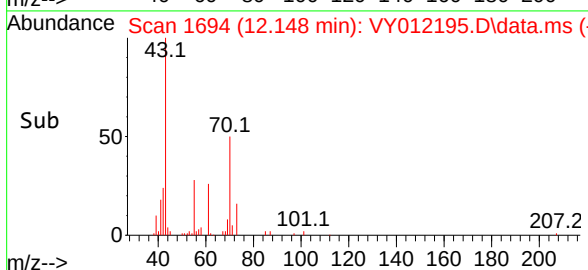
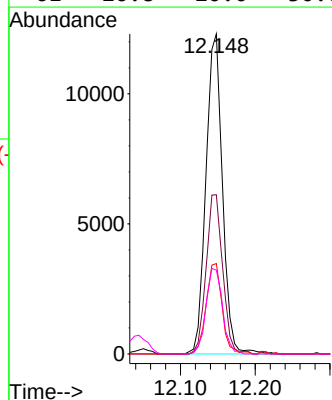
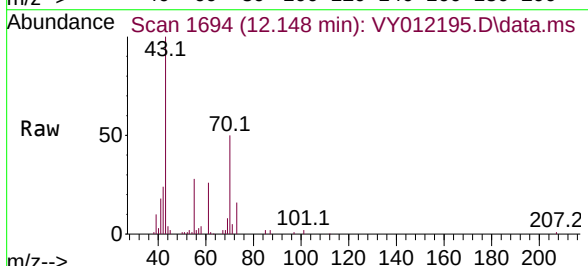
Ion Ratio Lower Upper

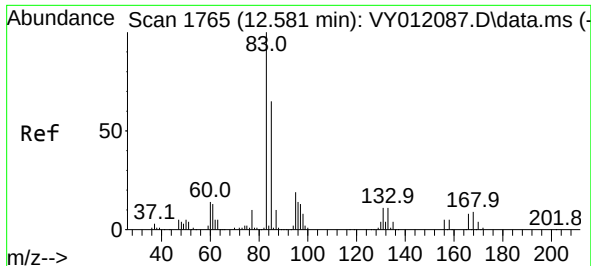
43 100

70 49.9 35.8 53.8

55 27.3 21.0 31.4

61 26.8 20.0 30.0

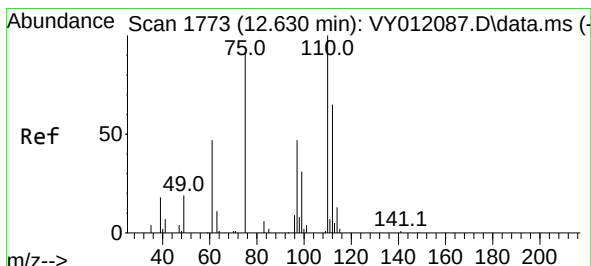
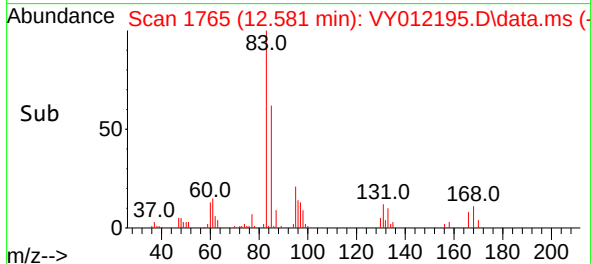
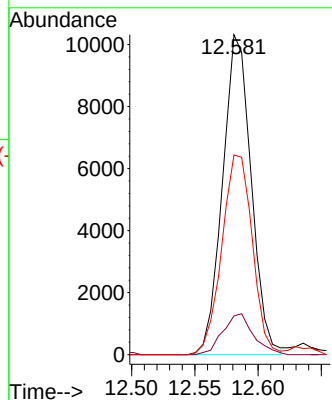
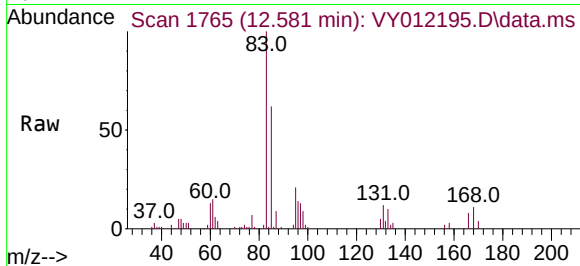




#75
1,1,2,2-Tetrachloroethane
Concen: 10.953 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

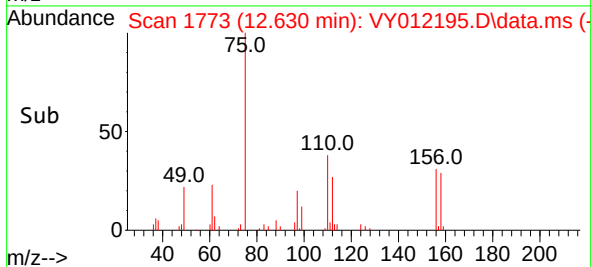
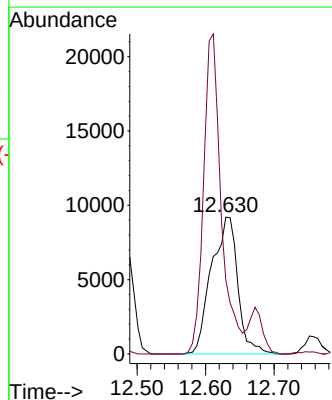
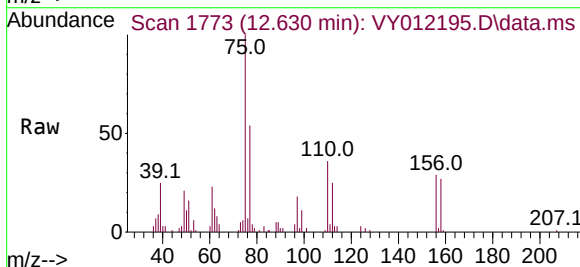
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

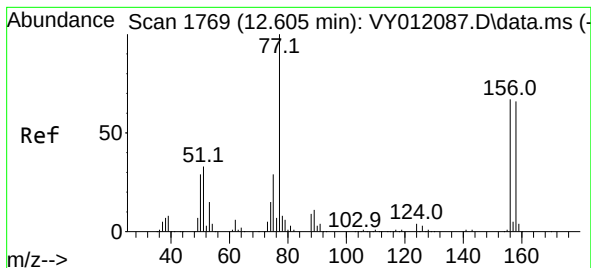
Tgt Ion: 83 Resp: 16214
Ion Ratio Lower Upper
83 100
131 13.6 5.6 16.8
85 66.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 20.470 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 75 Resp: 24532
Ion Ratio Lower Upper
75 100
77 157.8 0.0 0.0#





#77

Bromobenzene

Concen: 10.428 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

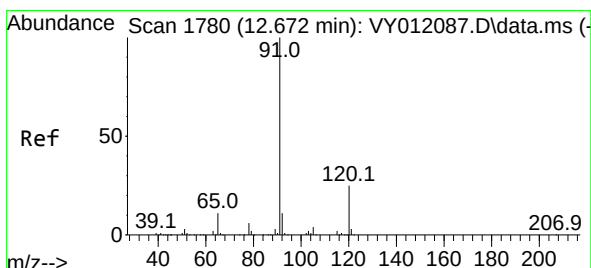
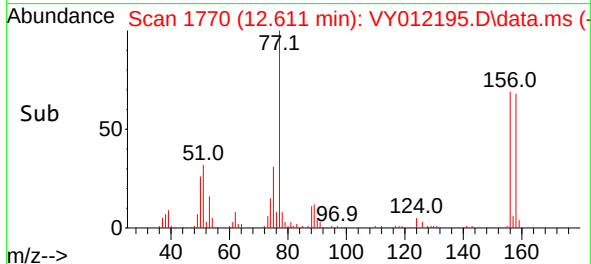
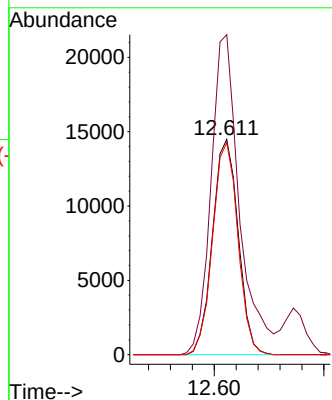
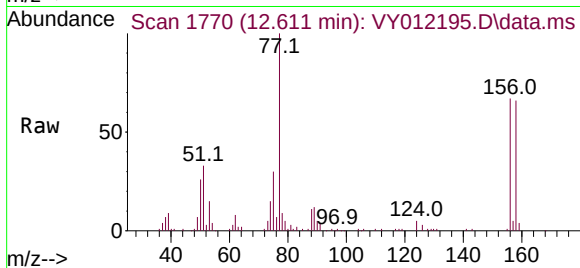
Tgt Ion:156 Resp: 23583

Ion Ratio Lower Upper

156 100

77 164.2 90.0 270.0

158 96.9 48.4 145.2



#78

n-propylbenzene

Concen: 10.287 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012195.D

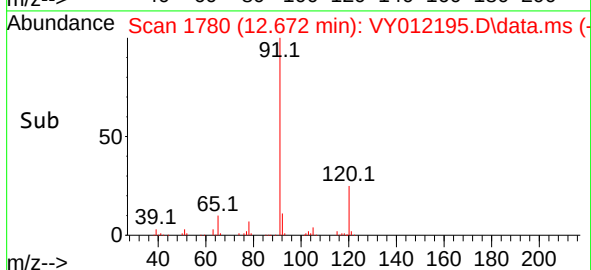
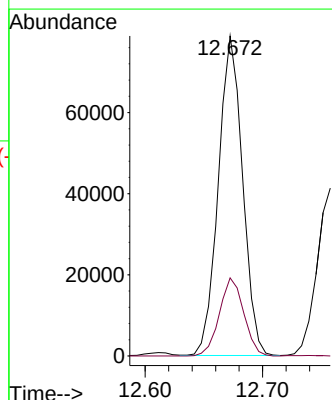
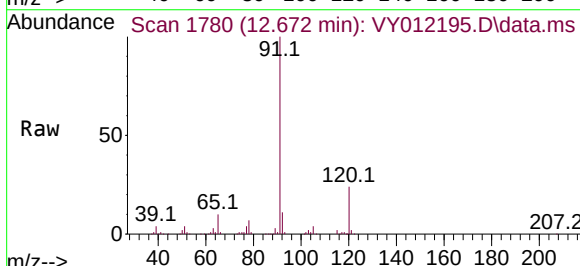
Acq: 16 Jan 2023 13:03

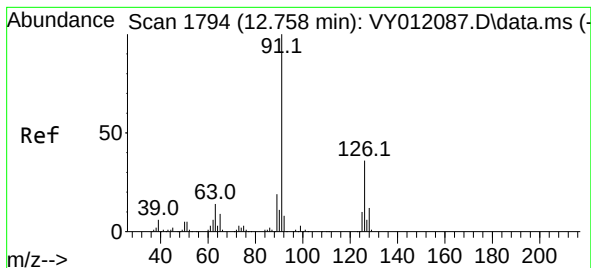
Tgt Ion: 91 Resp: 113127

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 10.353 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

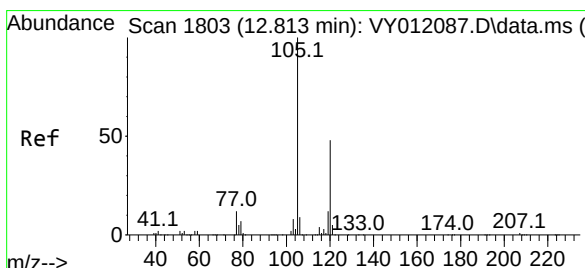
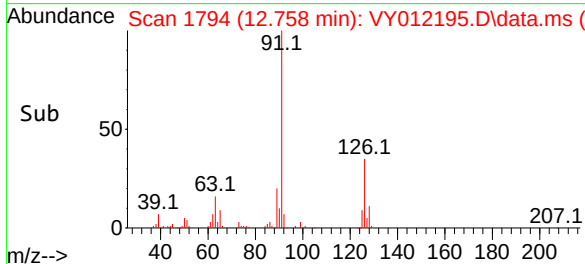
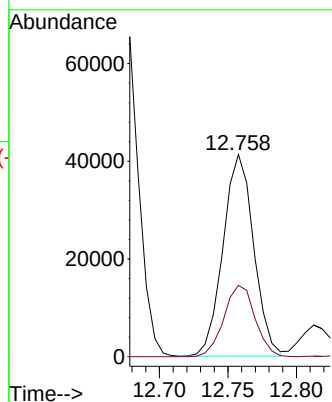
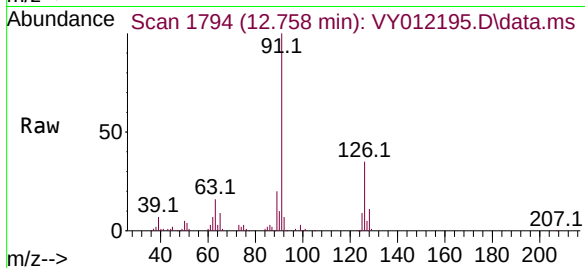
VSTDIC010

Tgt Ion: 91 Resp: 64375

Ion Ratio Lower Upper

91 100

126 35.9 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 10.465 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012195.D

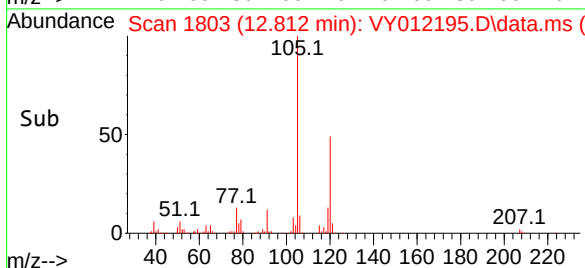
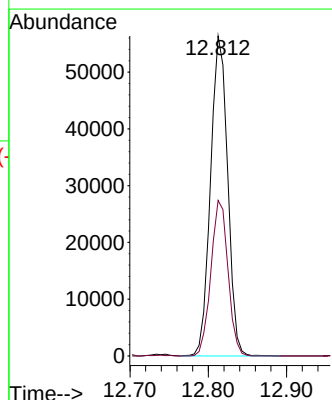
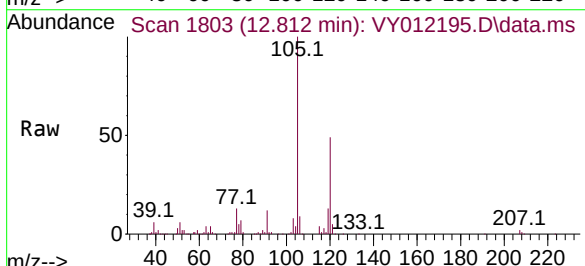
Acq: 16 Jan 2023 13:03

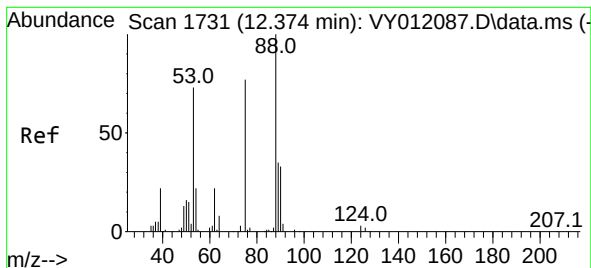
Tgt Ion: 105 Resp: 85494

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6

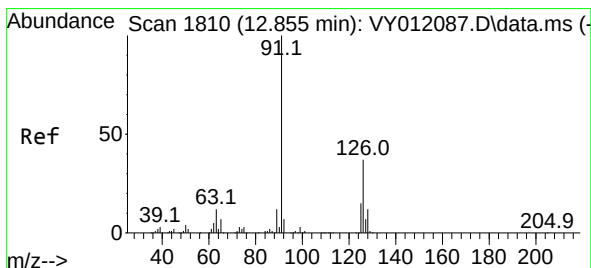
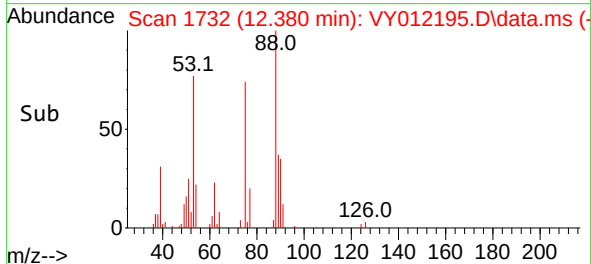
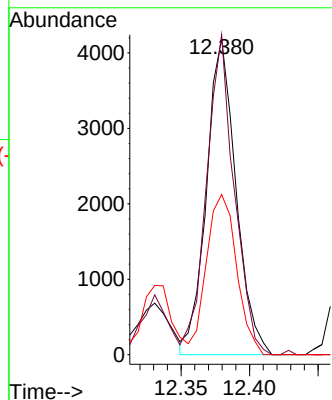
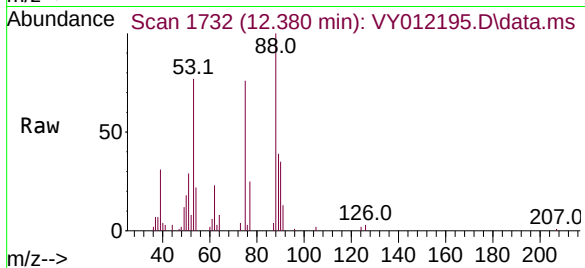




#81
trans-1,4-Dichloro-2-butene
Concen: 10.758 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

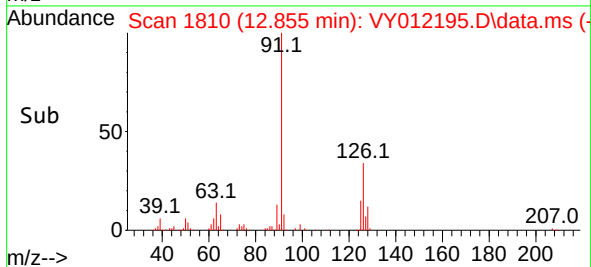
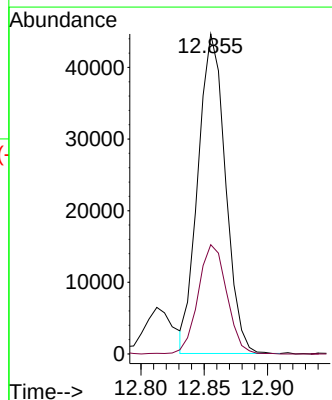
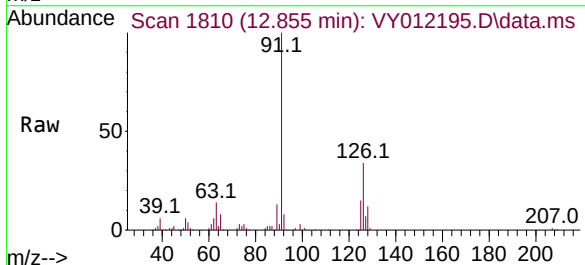
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

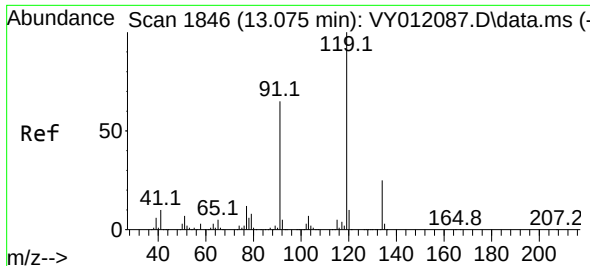
Tgt Ion: 75 Resp: 6257
Ion Ratio Lower Upper
75 100
53 95.0 72.5 108.7
89 51.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 10.304 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 91 Resp: 67299
Ion Ratio Lower Upper
91 100
126 35.8 17.1 51.2

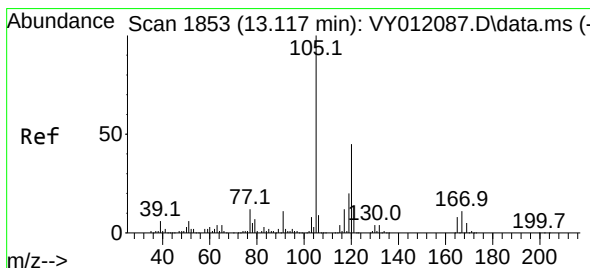
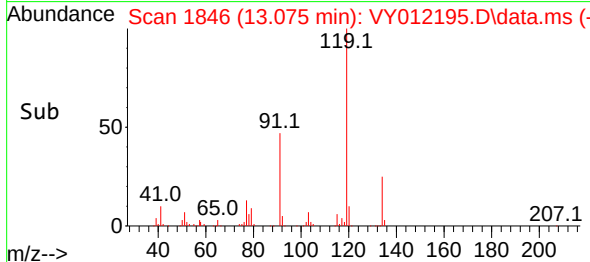
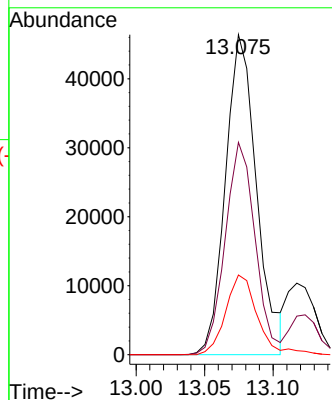
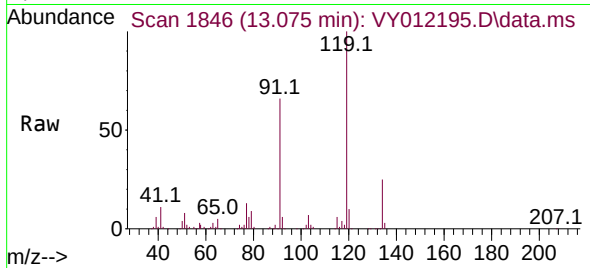




#83
tert-Butylbenzene
Concen: 10.293 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

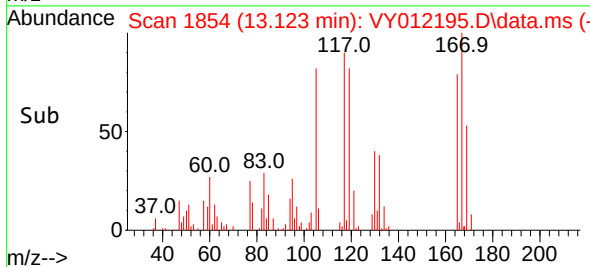
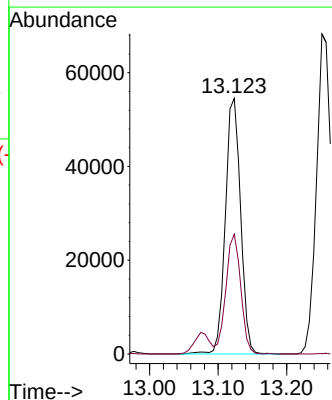
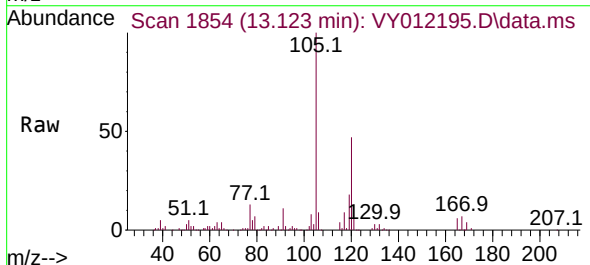
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

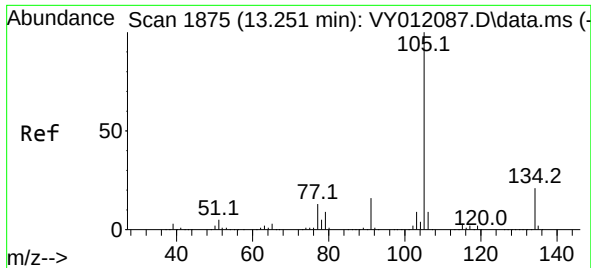
Tgt Ion:119 Resp: 73291
Ion Ratio Lower Upper
119 100
91 64.0 32.3 96.8
134 25.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 10.405 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion:105 Resp: 83829
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7

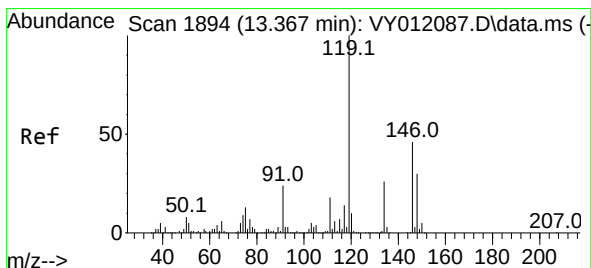
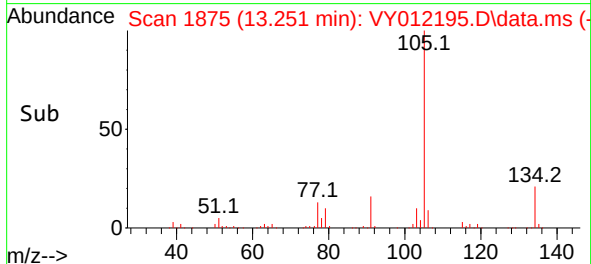
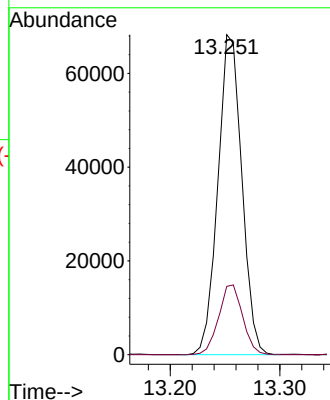
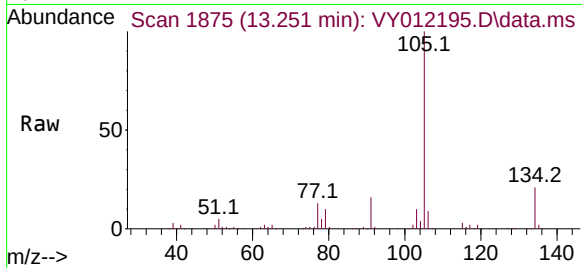




#85
 sec-Butylbenzene
 Concen: 10.227 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012195.D
 Acq: 16 Jan 2023 13:03

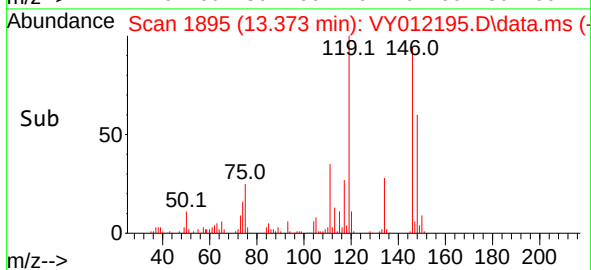
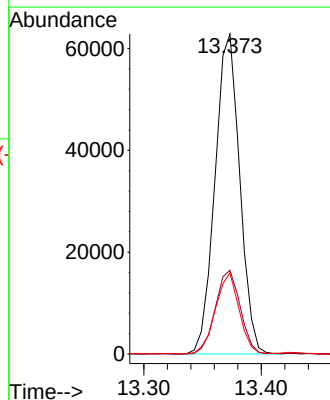
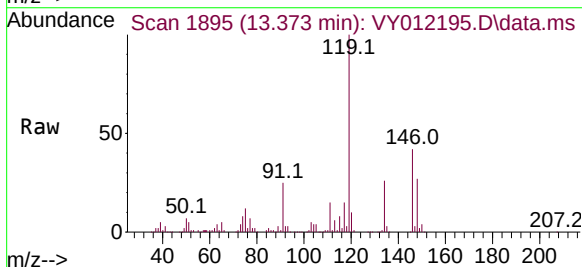
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

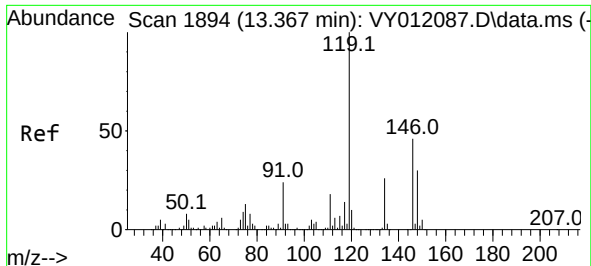
Tgt Ion:105 Resp: 103678
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 10.377 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012195.D
 Acq: 16 Jan 2023 13:03

Tgt Ion:119 Resp: 91914
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 10.424 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

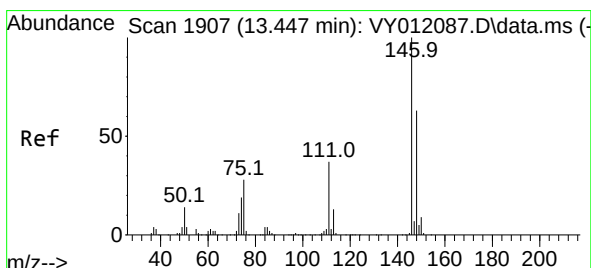
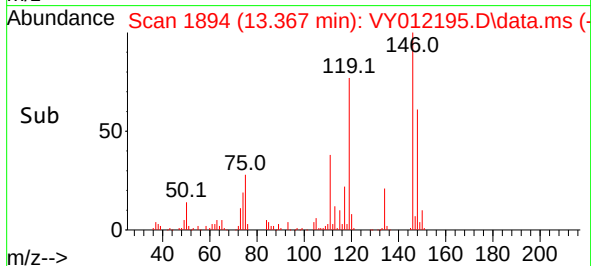
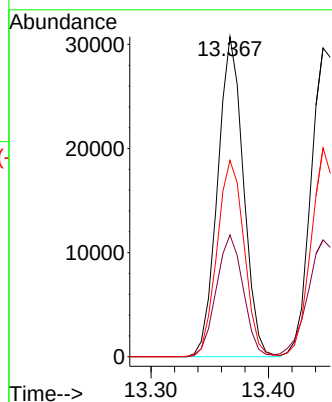
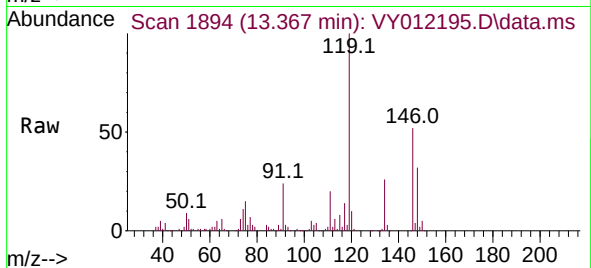
Tgt Ion:146 Resp: 46882

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 64.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 10.564 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

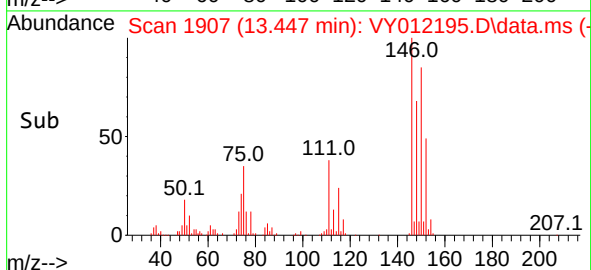
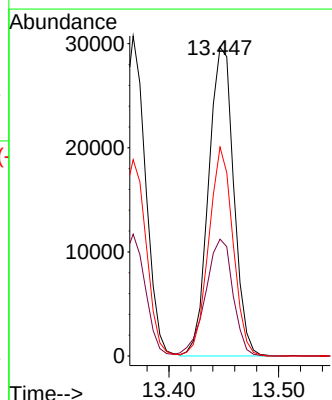
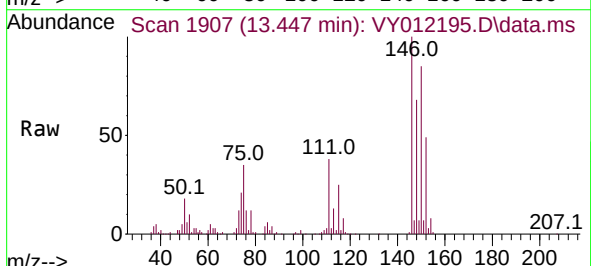
Tgt Ion:146 Resp: 47386

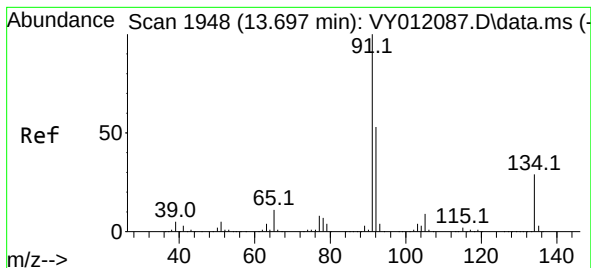
Ion Ratio Lower Upper

146 100

111 41.2 19.6 58.7

148 65.2 31.9 95.7





#89

n-Butylbenzene

Concen: 10.233 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

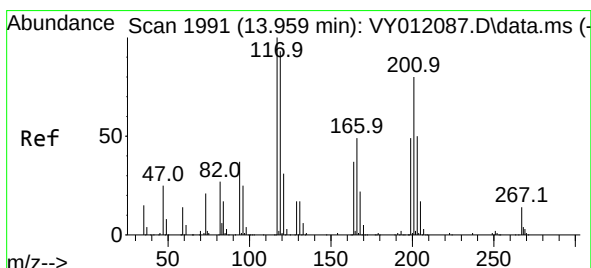
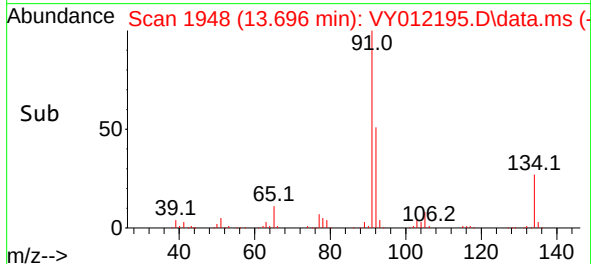
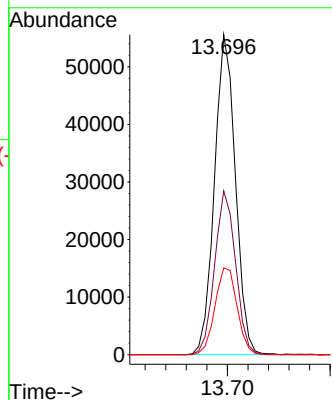
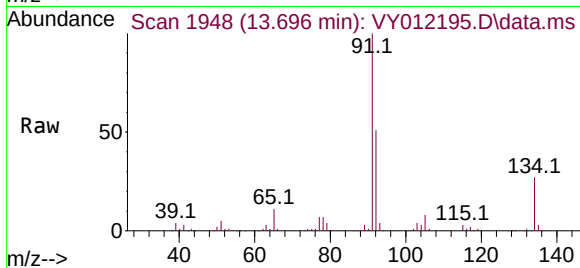
Tgt Ion: 91 Resp: 78545

Ion Ratio Lower Upper

91 100

92 51.2 26.8 80.4

134 28.6 13.3 39.8



#90

Hexachloroethane

Concen: 10.356 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012195.D

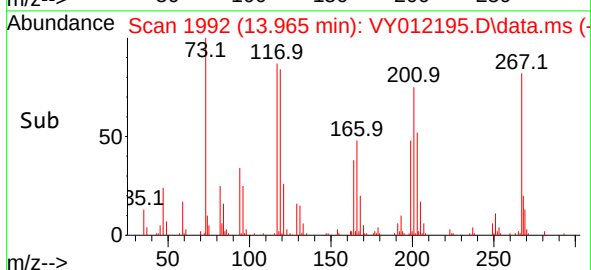
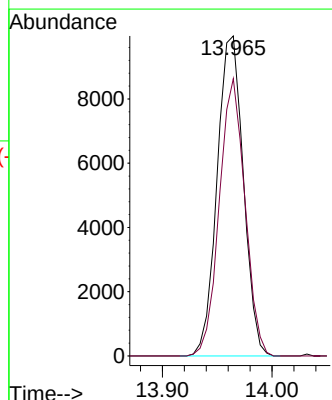
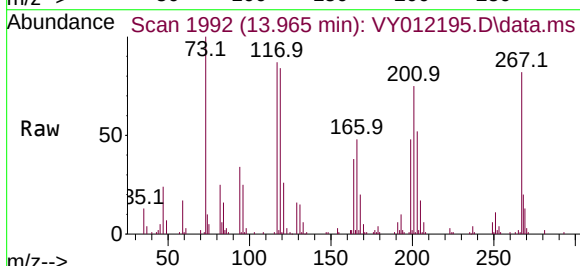
Acq: 16 Jan 2023 13:03

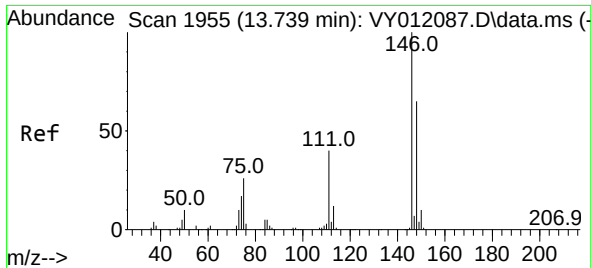
Tgt Ion: 117 Resp: 16559

Ion Ratio Lower Upper

117 100

201 84.5 40.3 120.8

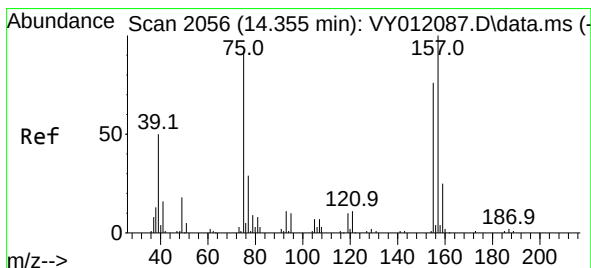
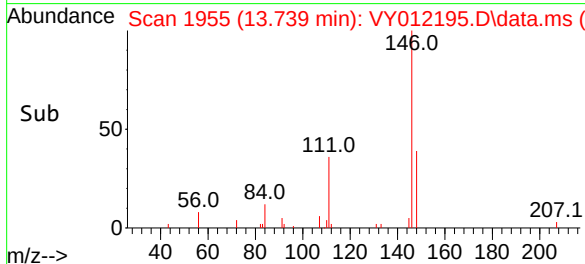
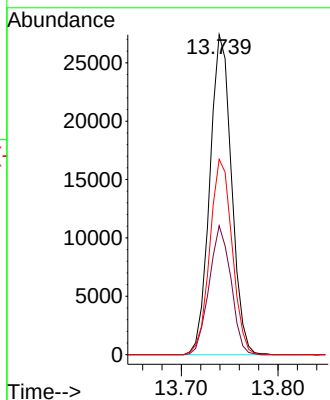
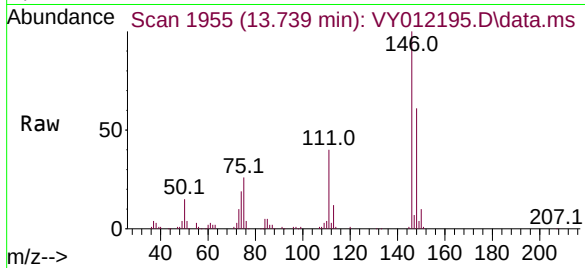




#91
1,2-Dichlorobenzene
Concen: 10.645 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

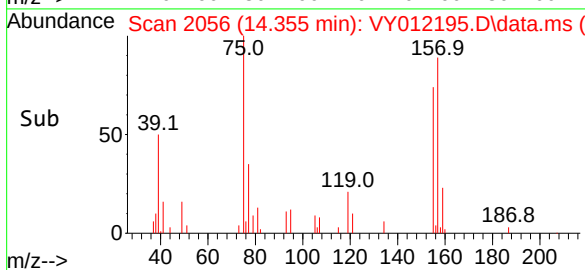
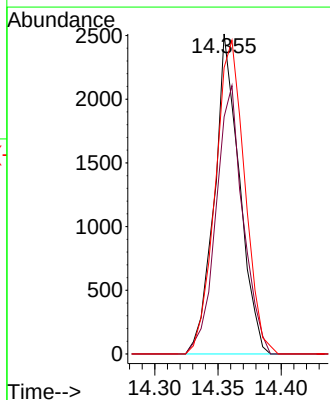
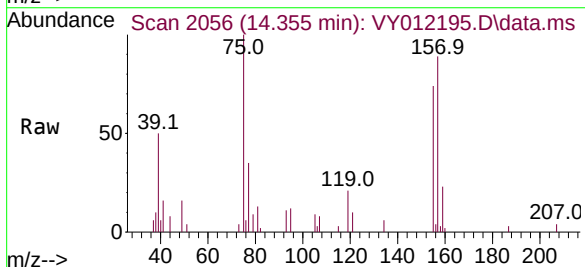
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

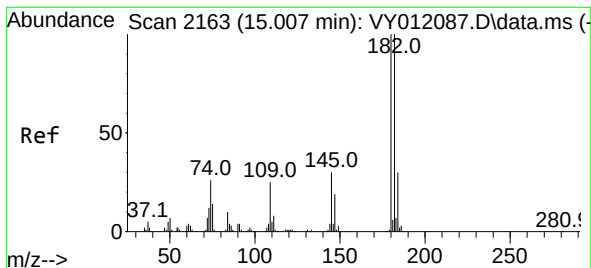
Tgt Ion:146 Resp: 42720
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 62.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.323 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012195.D
Acq: 16 Jan 2023 13:03

Tgt Ion: 75 Resp: 3464
Ion Ratio Lower Upper
75 100
155 90.2 42.3 126.8
157 114.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 10.084 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

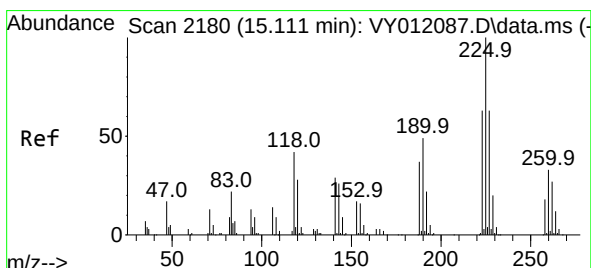
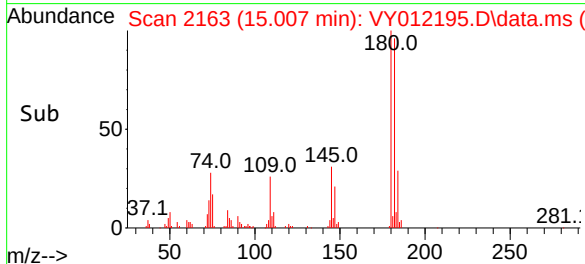
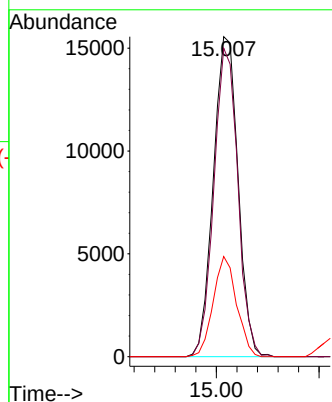
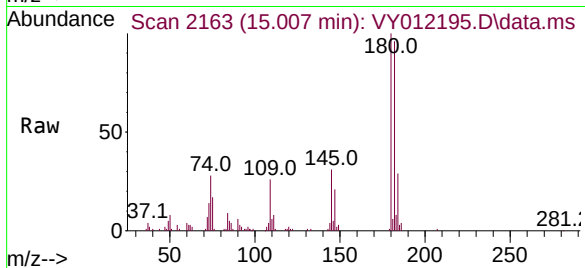
Tgt Ion:180 Resp: 25931

Ion Ratio Lower Upper

180 100

182 93.4 48.1 144.3

145 29.6 15.4 46.4



#94

Hexachlorobutadiene

Concen: 10.387 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

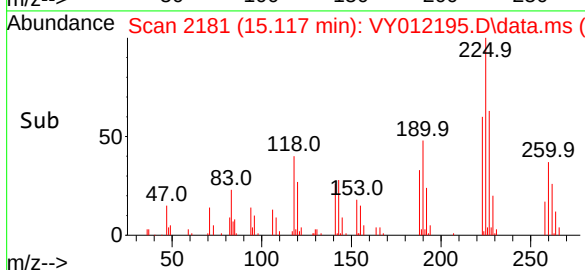
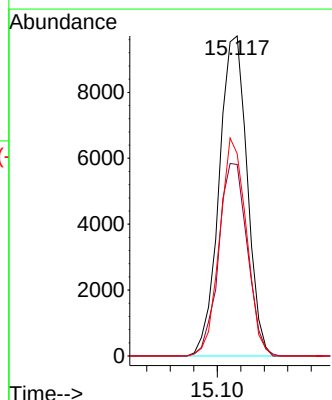
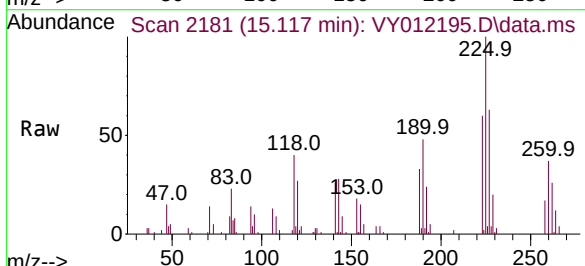
Tgt Ion:225 Resp: 16082

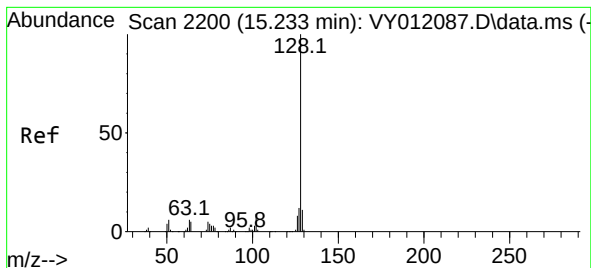
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.2

227 64.7 32.6 97.8





#95

Naphthalene

Concen: 9.848 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

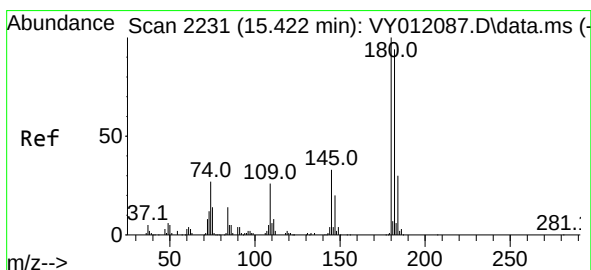
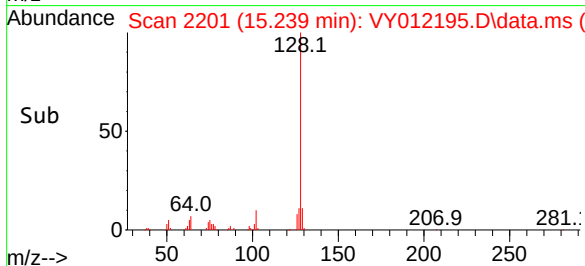
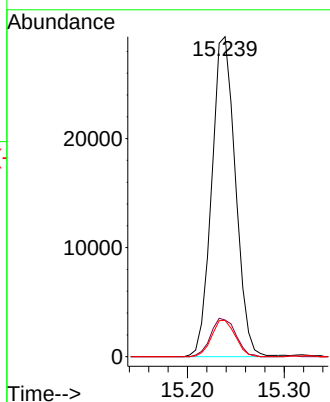
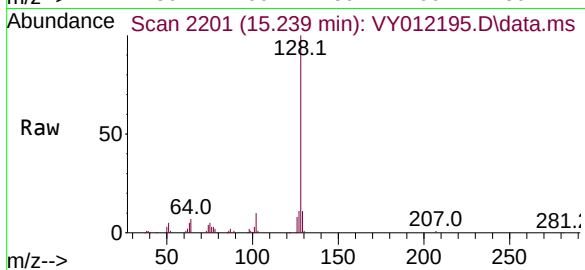
Tgt Ion:128 Resp: 49982

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 10.156 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012195.D

Acq: 16 Jan 2023 13:03

Tgt Ion:180 Resp: 22473

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 32.7 16.1 48.2

