

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011677.D
 Acq On : 02 Dec 2022 12:50
 Operator : KP/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 02 23:51:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	192553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99071	50.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.340%	
35) Dibromofluoromethane	7.716	113	97171	52.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.179	98	335973	50.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.483	95	129170	52.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33701	29.642	ug/l	98
3) Chloromethane	2.113	50	36550	19.635	ug/l	100
4) Vinyl Chloride	2.253	62	41654	19.126	ug/l	100
5) Bromomethane	2.644	94	27885	17.457	ug/l	100
6) Chloroethane	2.790	64	27044	17.798	ug/l	97
7) Trichlorofluoromethane	3.125	101	71710	22.447	ug/l	94
8) Diethyl Ether	3.528	74	21805	21.119	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	40289	21.810	ug/l	96
10) Methyl Iodide	4.088	142	45949	21.350	ug/l	95
11) Tert butyl alcohol	4.942	59	33791	147.238	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	36994	21.862	ug/l	84
13) Acrolein	3.729	56	6823	132.349	ug/l	97
14) Allyl chloride	4.479	41	61648	20.753	ug/l #	93
15) Acrylonitrile	5.161	53	56363	99.946	ug/l	99
16) Acetone	3.948	43	58623	92.309	ug/l	91
17) Carbon Disulfide	4.192	76	98940	21.097	ug/l	99
18) Methyl Acetate	4.479	43	32401	20.628	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	101729	21.065	ug/l	93
20) Methylene Chloride	4.716	84	65825	21.534	ug/l #	88
21) trans-1,2-Dichloroethene	5.216	96	41821	21.387	ug/l	92
22) Diisopropyl ether	6.119	45	132964	20.506	ug/l	97
23) Vinyl Acetate	6.064	43	368210	97.486	ug/l	96
24) 1,1-Dichloroethane	6.015	63	80121	21.045	ug/l	99
25) 2-Butanone	6.984	43	78148	93.632	ug/l	93
26) 2,2-Dichloropropane	6.984	77	75088	21.370	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	48546	21.088	ug/l	93
28) Bromochloromethane	7.332	49	28502	18.636	ug/l	90
29) Tetrahydrofuran	7.344	42	44088	93.536	ug/l	90
30) Chloroform	7.509	83	83433	21.132	ug/l	98
31) Cyclohexane	7.783	56	66929	20.652	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	75565	21.395	ug/l	96
36) 1,1-Dichloropropene	7.917	75	60381	20.944	ug/l	98
37) Ethyl Acetate	7.070	43	32668	19.899	ug/l	98
38) Carbon Tetrachloride	7.899	117	69567	21.568	ug/l	99
39) Methylcyclohexane	9.185	83	68410	21.263	ug/l	95
40) Benzene	8.161	78	178505	21.256	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13417	16.164	ug/l #	61
42) 1,2-Dichloroethane	8.240	62	53051	20.426	ug/l	94
43) Isopropyl Acetate	8.271	43	56939	19.226	ug/l #	91
44) Trichloroethene	8.941	130	46945	20.776	ug/l	99
45) 1,2-Dichloropropane	9.216	63	44092	20.541	ug/l	96
46) Dibromomethane	9.307	93	24352	20.289	ug/l	96
47) Bromodichloromethane	9.496	83	62484	20.668	ug/l	99
48) Methyl methacrylate	9.295	41	24706	18.781	ug/l #	86
49) 1,4-Dioxane	9.295	88	5749	386.777	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	152996	92.932	ug/l	92
52) Toluene	10.246	92	112271	21.141	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	61236	20.263	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	69058	20.313	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	34643	20.175	ug/l	97
56) Ethyl methacrylate	10.508	69	42301	19.807	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	59038	20.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	107011	102.313	ug/l	95
59) 2-Hexanone	10.831	43	108105	92.003	ug/l	92
60) Dibromochloromethane	10.983	129	43770	20.800	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31451	20.066	ug/l	100
64) Tetrachloroethene	10.721	164	48695	21.909	ug/l	98
65) Chlorobenzene	11.514	112	119721	21.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	46470	21.709	ug/l	98
67) Ethyl Benzene	11.593	91	216066	21.188	ug/l	99
68) m/p-Xylenes	11.703	106	166095	42.787	ug/l	98
69) o-Xylene	12.032	106	77652	21.485	ug/l	96
70) Styrene	12.044	104	132553	21.486	ug/l	97
71) Bromoform	12.209	173	25942	19.920	ug/l #	99
73) Isopropylbenzene	12.331	105	214807	22.061	ug/l	99
74) N-amyl acetate	12.142	43	47176	19.620	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	38575	20.105	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	53125	36.640	ug/l #	100
77) Bromobenzene	12.605	156	48874	21.496	ug/l	95
78) n-propylbenzene	12.672	91	260299	21.912	ug/l	99
79) 2-Chlorotoluene	12.758	91	146257	21.844	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	181996	22.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13686	20.675	ug/l	89
82) 4-Chlorotoluene	12.855	91	153016	21.856	ug/l	100
83) tert-Butylbenzene	13.075	119	156911	21.948	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	178631	22.035	ug/l	100
85) sec-Butylbenzene	13.251	105	235268	22.055	ug/l	100
86) p-Isopropyltoluene	13.367	119	193283	21.711	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	98308	21.241	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	95869	20.715	ug/l	98
89) n-Butylbenzene	13.696	91	179722	21.961	ug/l	100
90) Hexachloroethane	13.959	117	37783	21.017	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	86746	21.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6190	19.672	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	49410	21.713	ug/l	98
94) Hexachlorobutadiene	15.111	225	32050	22.658	ug/l	99
95) Naphthalene	15.233	128	87077	20.806	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	40938	20.992	ug/l	98

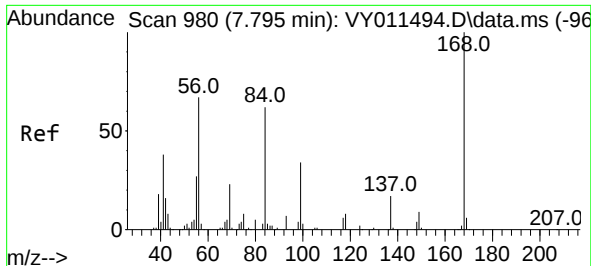
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
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Response via : Initial Calibration

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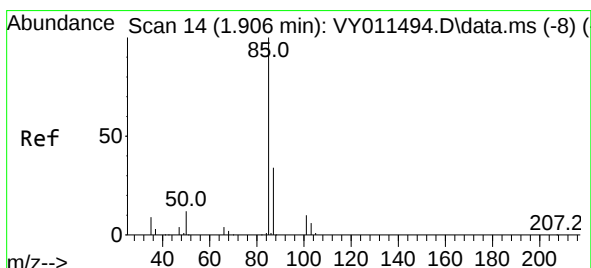
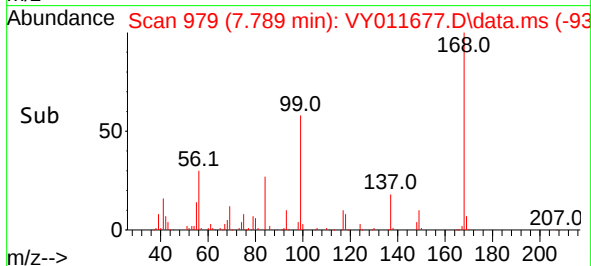
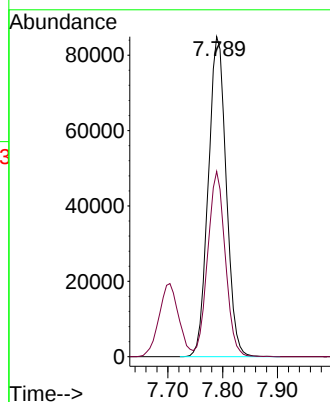
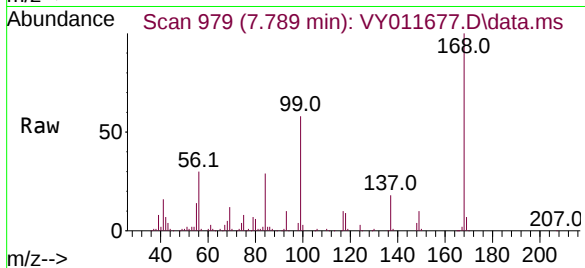
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

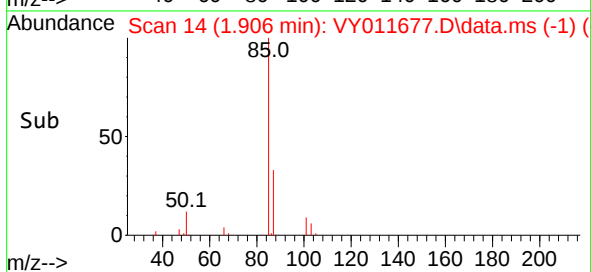
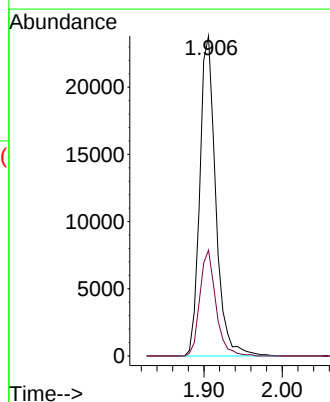
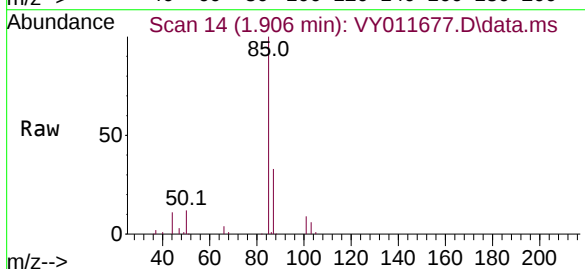
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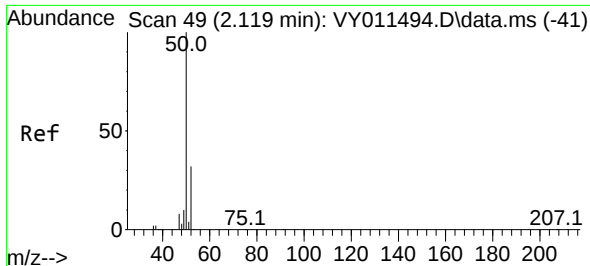
Tgt Ion:168 Resp: 192553
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 29.642 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 85 Resp: 33701
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

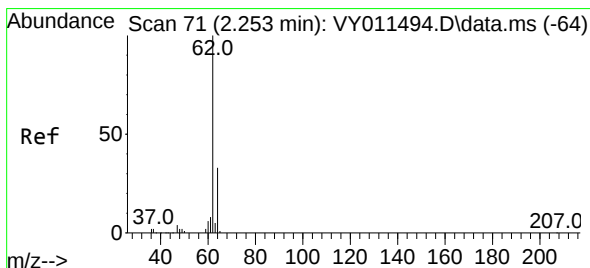
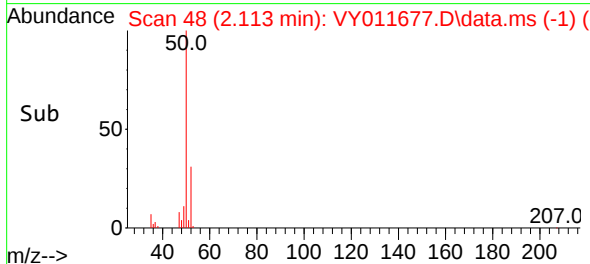
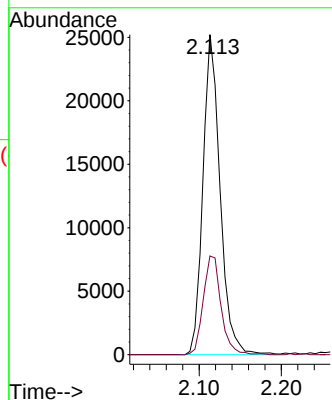
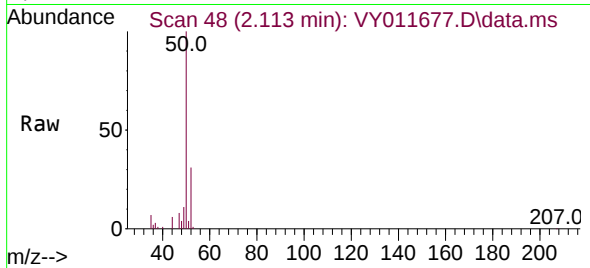




#3
Chloromethane
Concen: 19.635 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

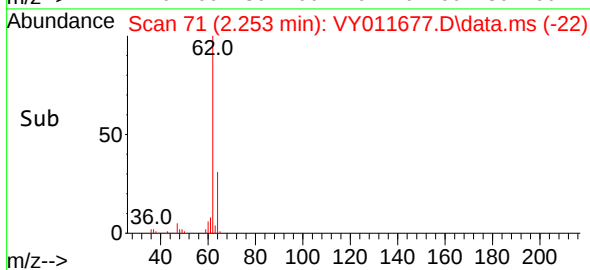
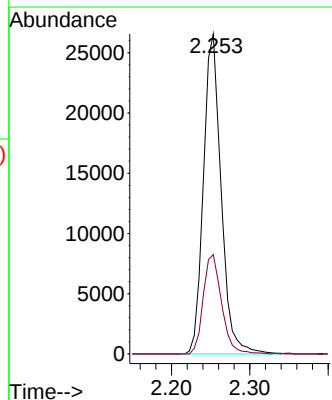
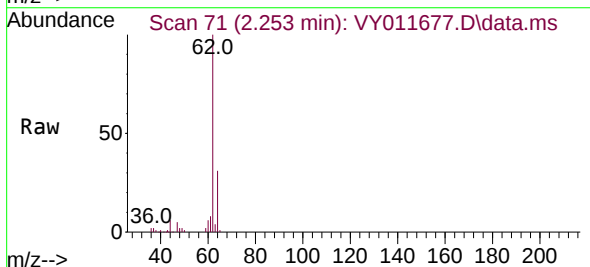
Instrument :
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ClientSampleId :

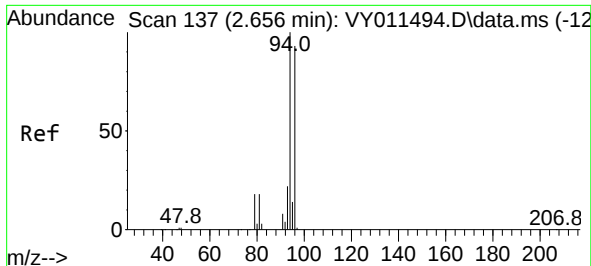
Tgt Ion: 50 Resp: 36550
Ion Ratio Lower Upper
50 100
52 30.8 24.6 37.0



#4
Vinyl Chloride
Concen: 19.126 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 62 Resp: 41654
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

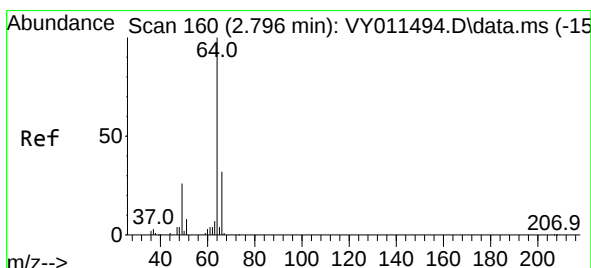
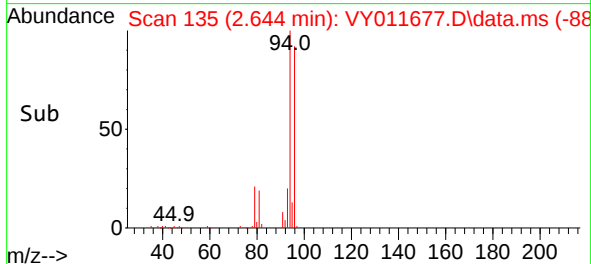
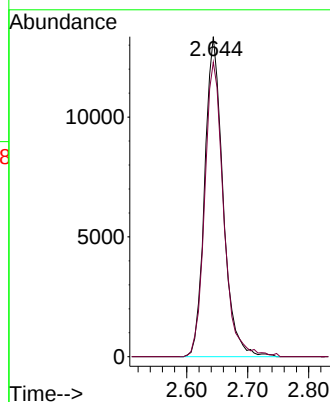
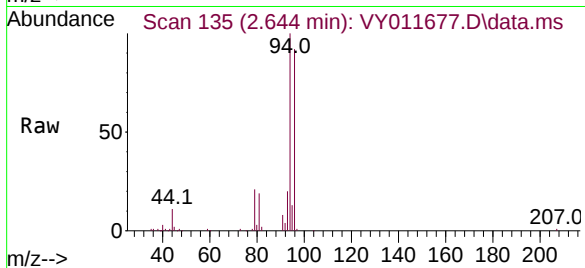




#5
Bromomethane
Concen: 17.457 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

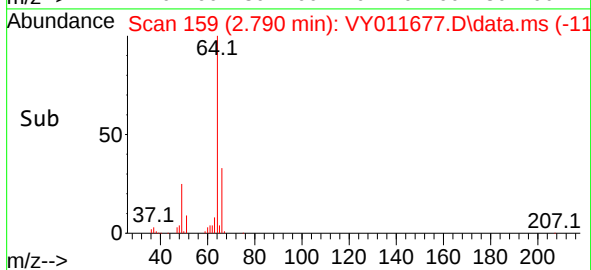
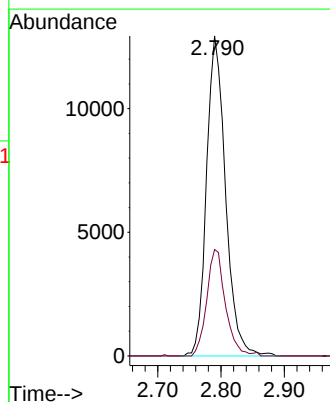
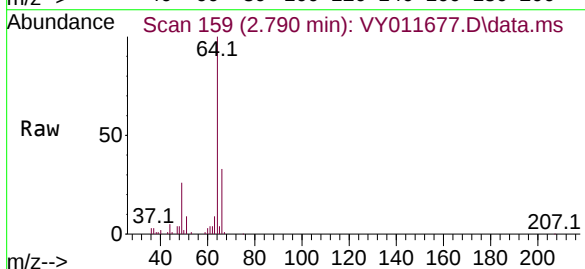
Instrument :
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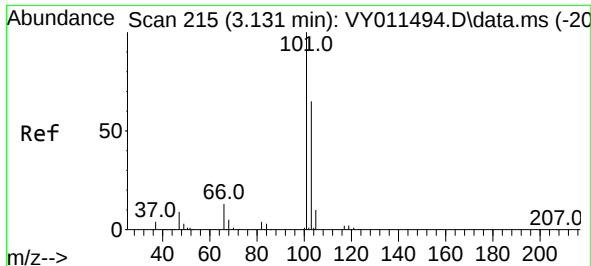
Tgt Ion: 94 Resp: 27885
Ion Ratio Lower Upper
94 100
96 92.0 73.5 110.3



#6
Chloroethane
Concen: 17.798 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 64 Resp: 27044
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

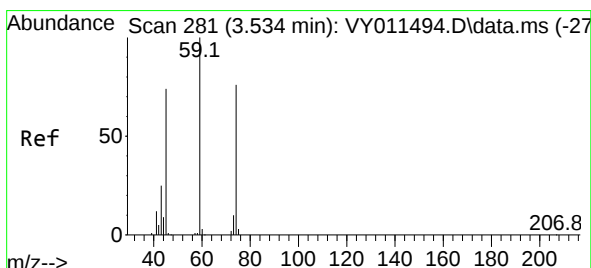
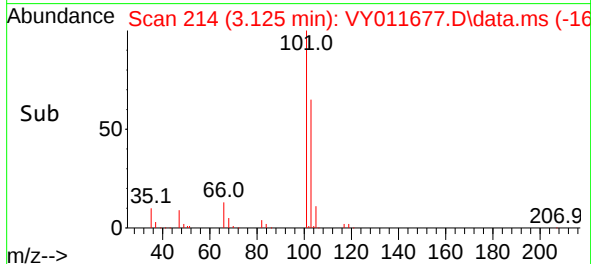
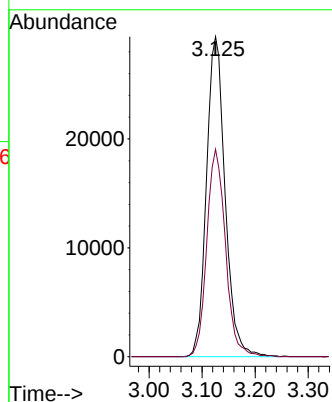
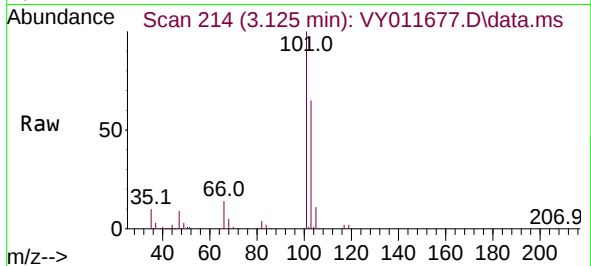




#7
Trichlorofluoromethane
Concen: 22.447 ug/l
RT: 3.125 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

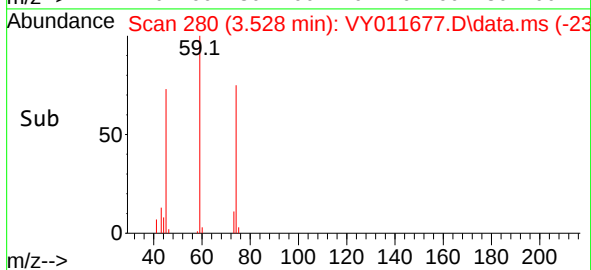
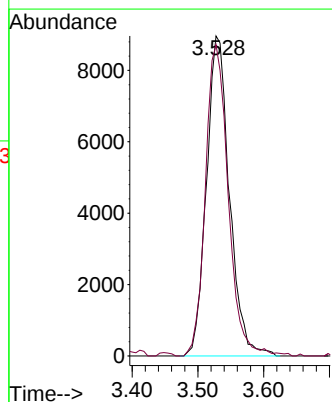
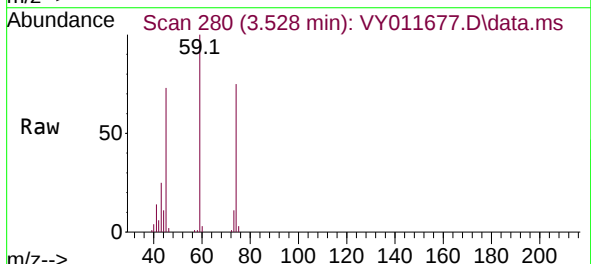
Instrument :
MSVOA_Y
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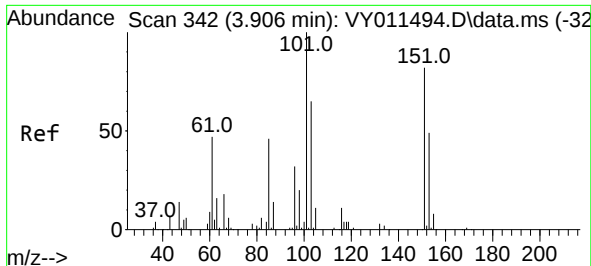
Tgt Ion:101 Resp: 71710
Ion Ratio Lower Upper
101 100
103 64.8 48.0 72.0



#8
Diethyl Ether
Concen: 21.119 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 74 Resp: 21805
Ion Ratio Lower Upper
74 100
45 96.9 55.1 165.5

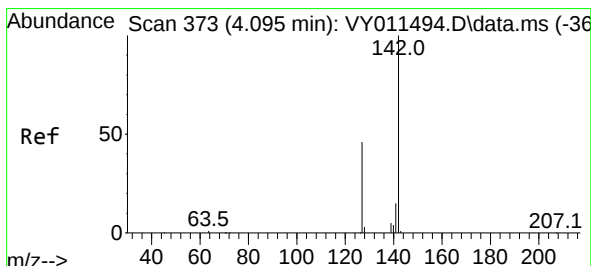
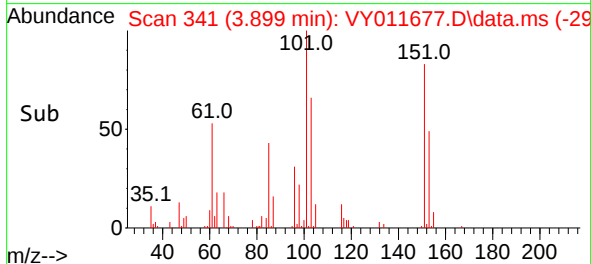
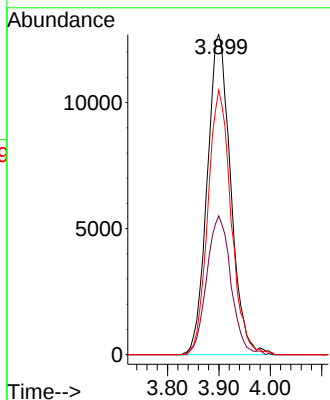
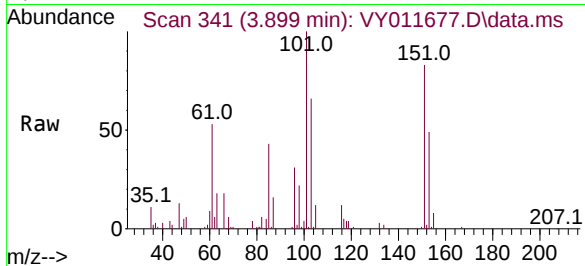




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.810 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.007 min
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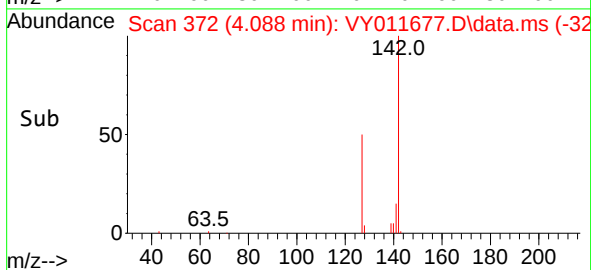
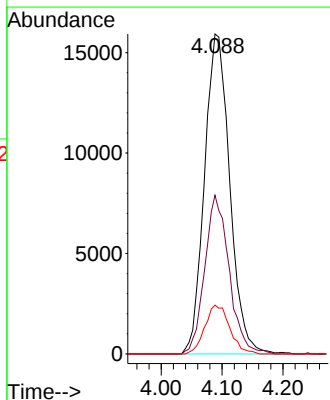
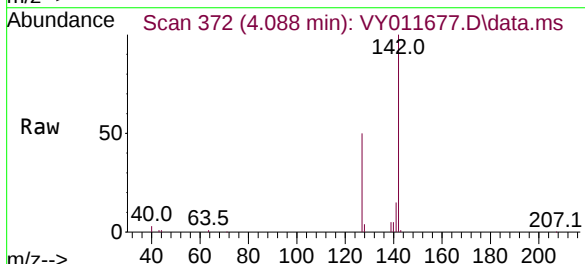
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MSVOA_Y
ClientSampleId :

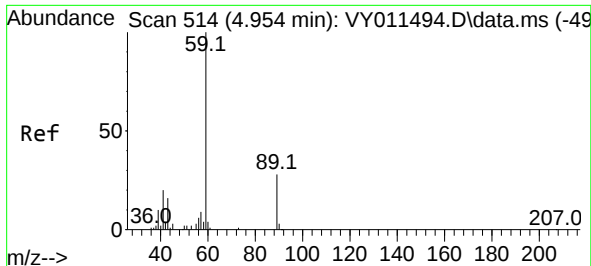
Tgt Ion:101 Resp: 40289
Ion Ratio Lower Upper
101 100
85 44.7 40.6 60.8
151 81.9 64.9 97.3



#10
Methyl Iodide
Concen: 21.350 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion:142 Resp: 45949
Ion Ratio Lower Upper
142 100
127 47.8 41.5 62.3
141 15.0 11.9 17.9

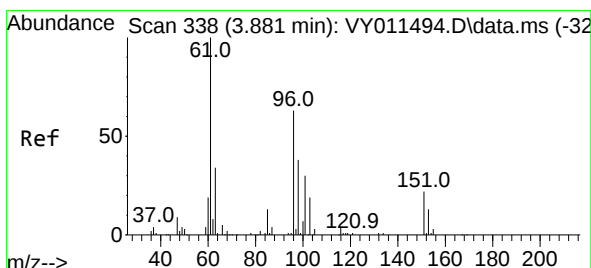
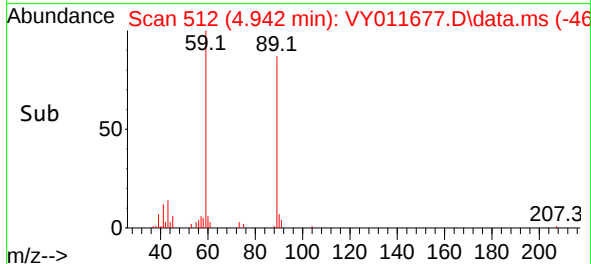
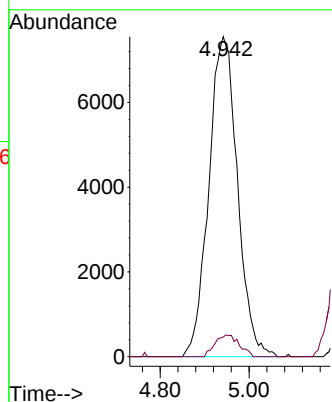
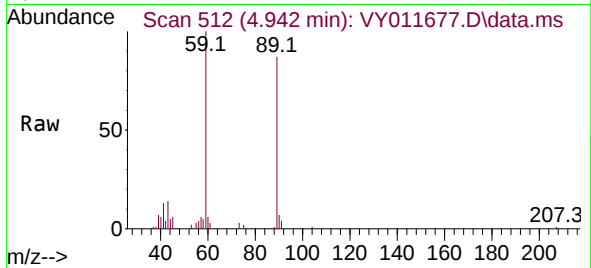




#11
Tert butyl alcohol
Concen: 147.238 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

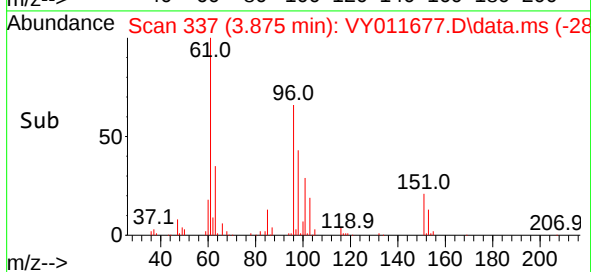
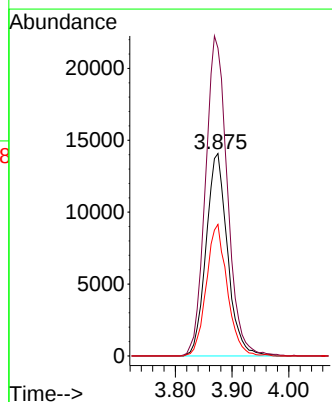
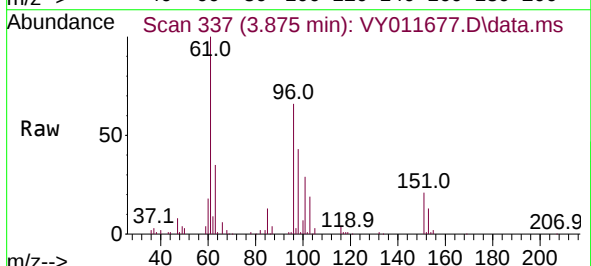
Instrument :
MSVOA_Y
ClientSampleId :

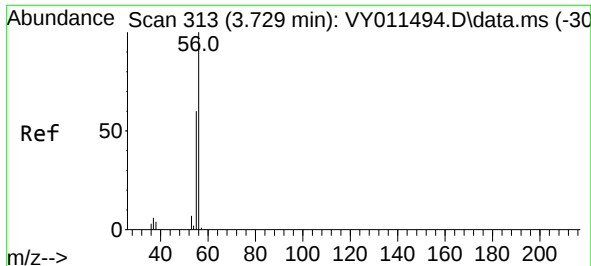
Tgt Ion: 59 Resp: 33791
Ion Ratio Lower Upper
59 100
57 5.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 21.862 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

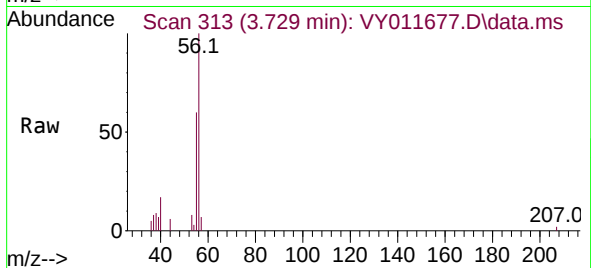
Tgt Ion: 96 Resp: 36994
Ion Ratio Lower Upper
96 100
61 152.2 145.8 218.6
98 65.0 52.5 78.7



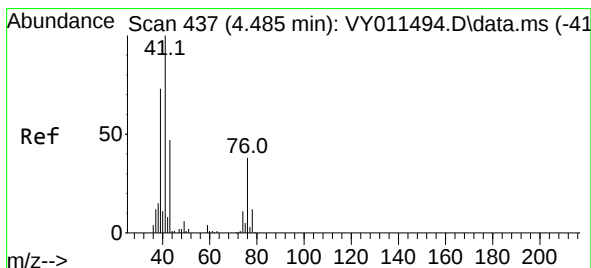
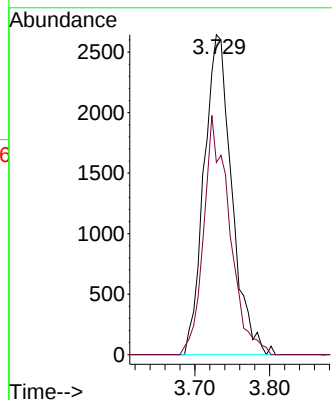
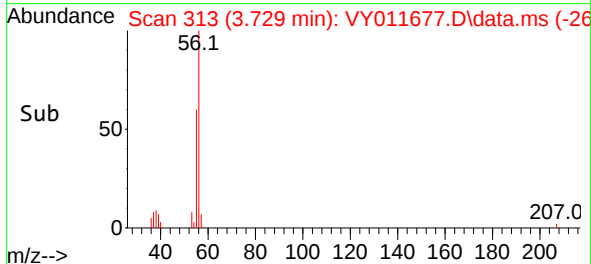


#13
Acrolein
Concen: 132.349 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

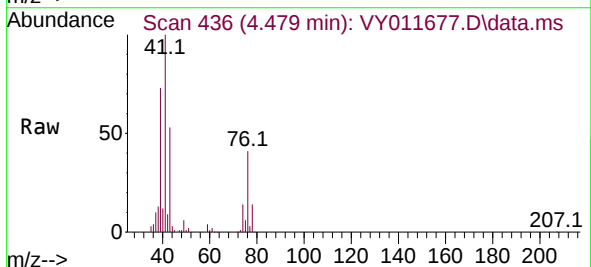
Instrument :
MSVOA_Y
ClientSampleId :



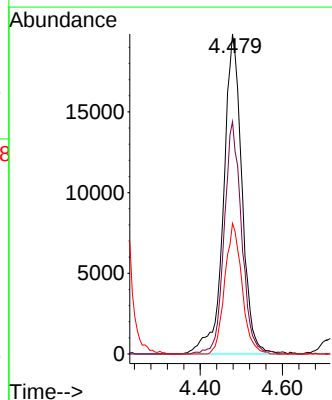
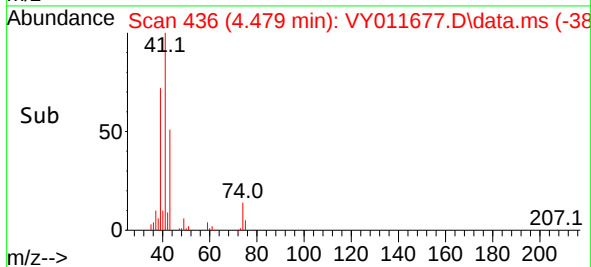
Tgt Ion: 56 Resp: 6823
Ion Ratio Lower Upper
56 100
55 69.8 57.6 86.4

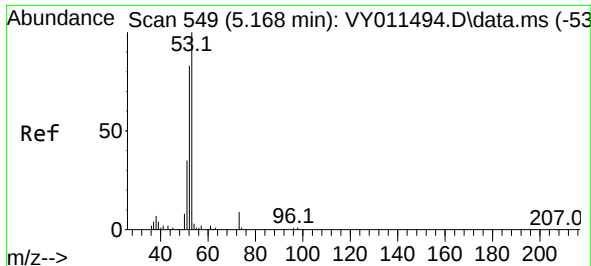


#14
Allyl chloride
Concen: 20.753 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50



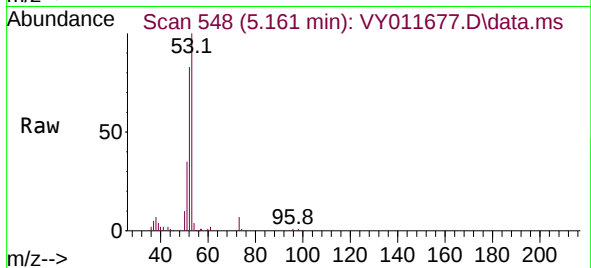
Tgt Ion: 41 Resp: 61648
Ion Ratio Lower Upper
41 100
39 68.8 58.8 88.2
76 37.9 25.1 37.7#



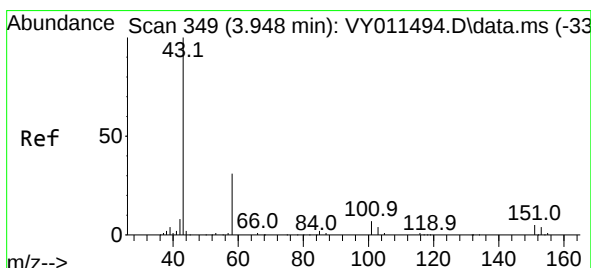
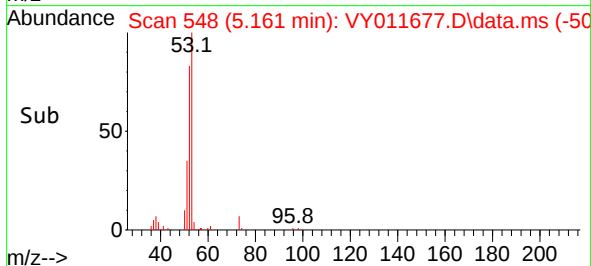
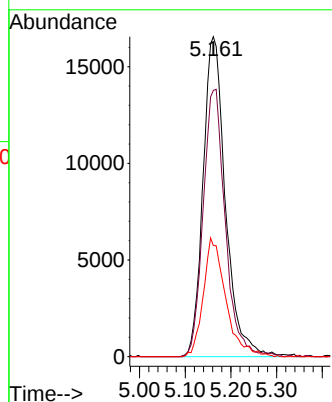


#15
Acrylonitrile
Concen: 99.946 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.007 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

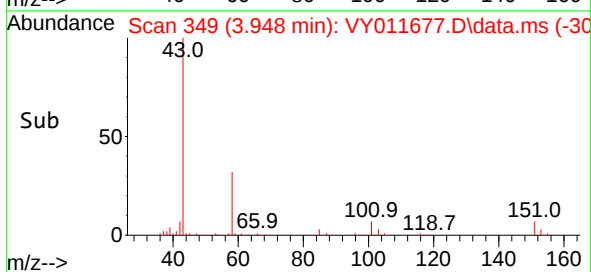
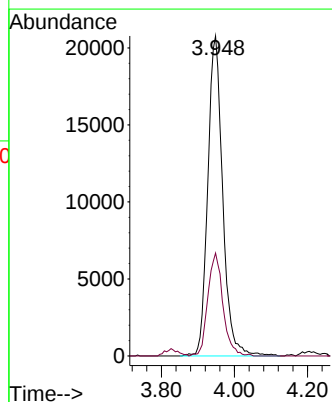
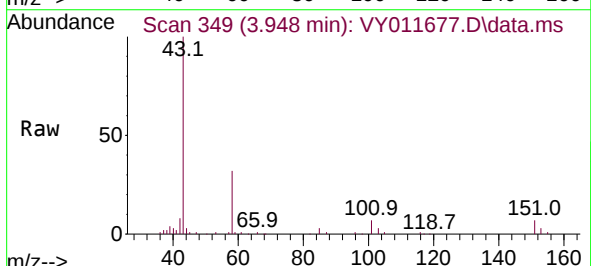


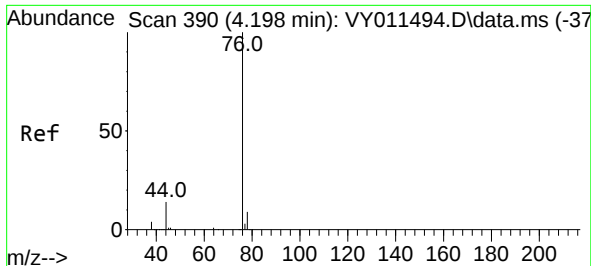
Tgt Ion: 53 Resp: 56363
Ion Ratio Lower Upper
53 100
52 82.6 67.0 100.4
51 37.2 29.8 44.6



#16
Acetone
Concen: 92.309 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 43 Resp: 58623
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0





#17

Carbon Disulfide

Concen: 21.097 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

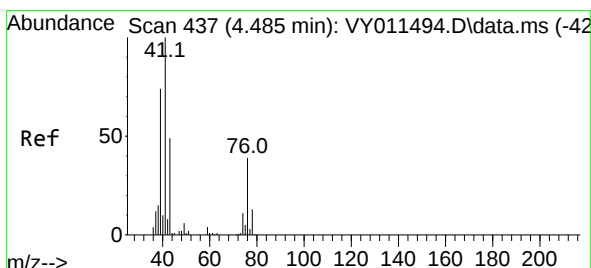
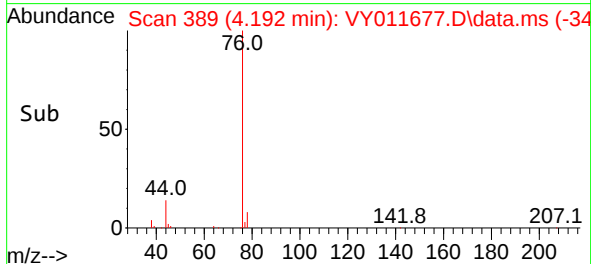
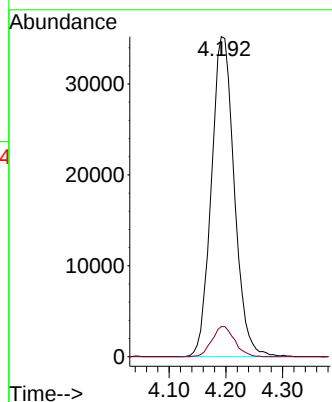
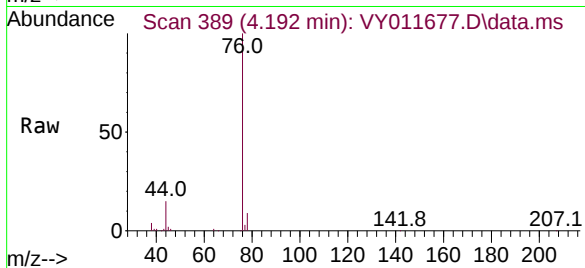
ClientSampleId :

Tgt Ion: 76 Resp: 98940

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 20.628 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY011677.D

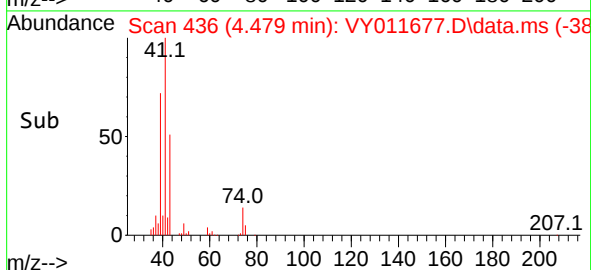
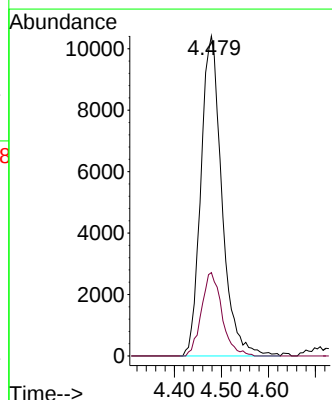
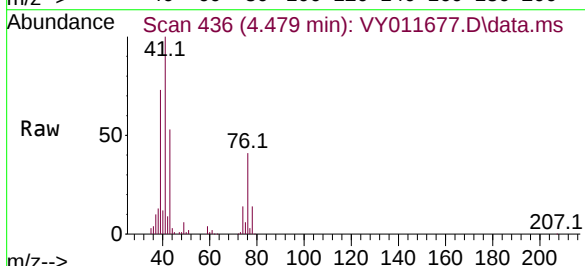
Acq: 02 Dec 2022 12:50

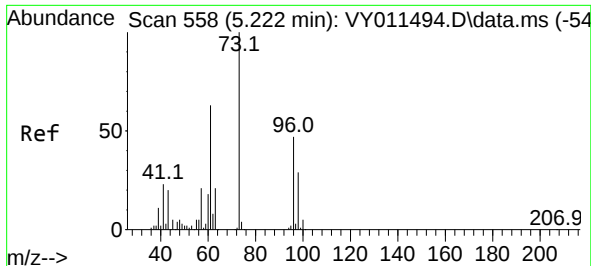
Tgt Ion: 43 Resp: 32401

Ion Ratio Lower Upper

43 100

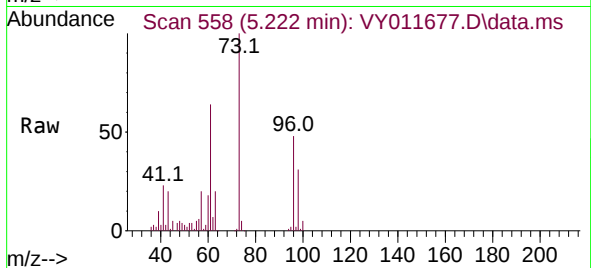
74 25.4 16.6 24.8#



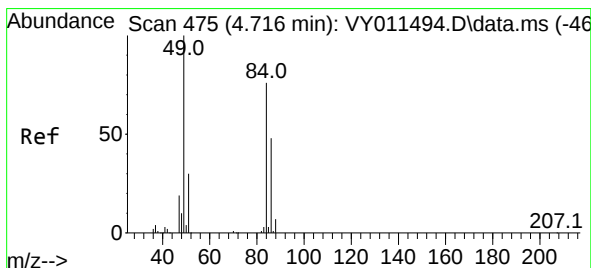
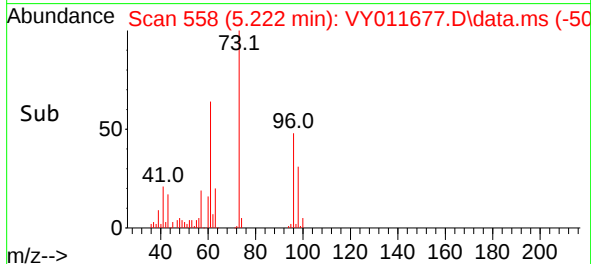
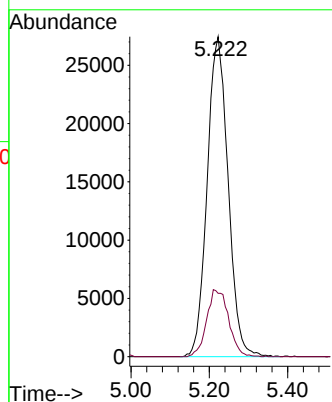


#19
Methyl tert-butyl Ether
Concen: 21.065 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

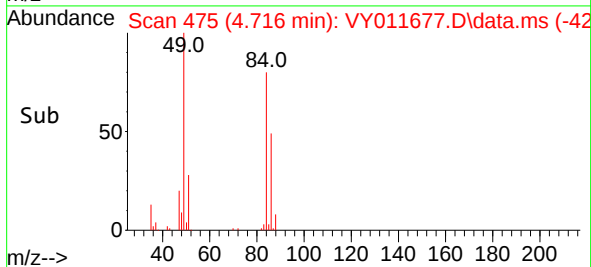
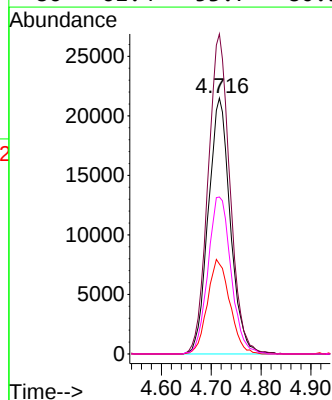
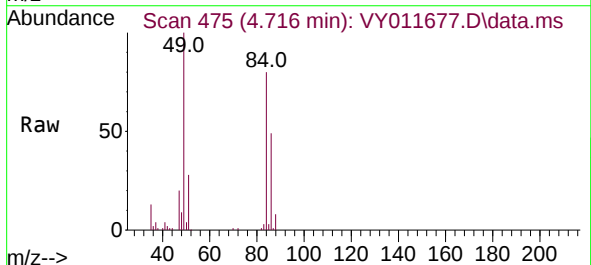


Tgt Ion: 73 Resp: 101729
Ion Ratio Lower Upper
73 100
57 19.8 18.6 27.8



#20
Methylene Chloride
Concen: 21.534 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

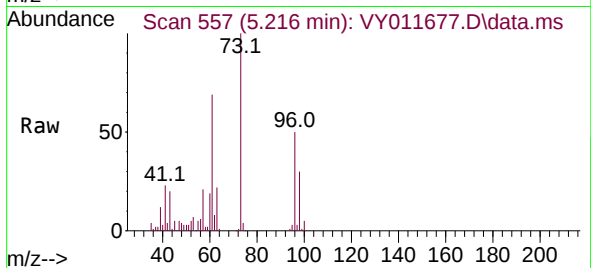
Tgt Ion: 84 Resp: 65825
Ion Ratio Lower Upper
84 100
49 125.1 114.4 171.6
51 35.2 35.3 52.9#
86 61.4 53.7 80.5



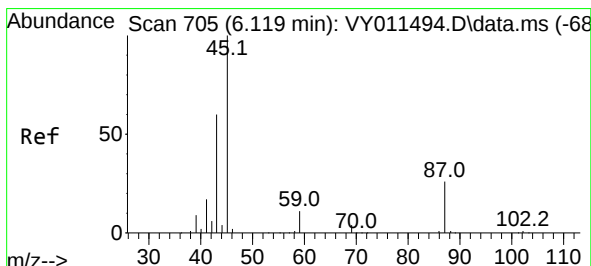
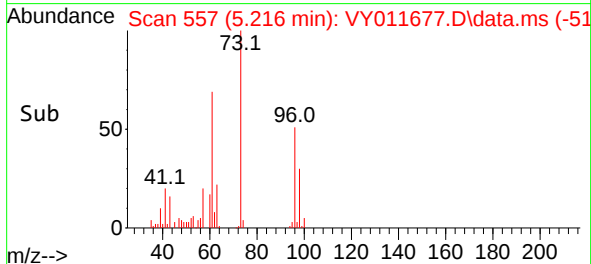
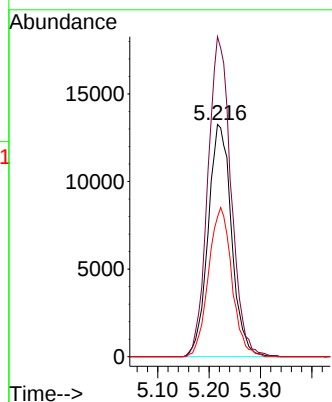


#21
trans-1,2-Dichloroethene
Concen: 21.387 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

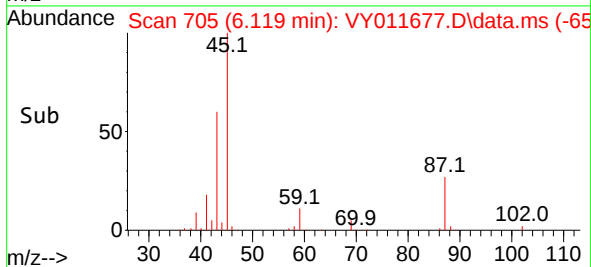
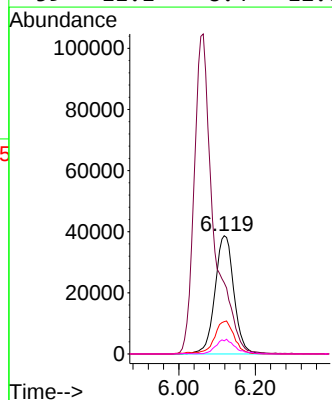
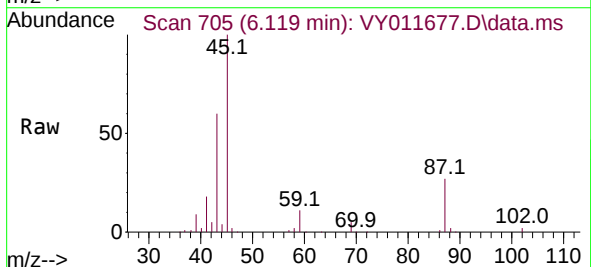


Tgt Ion: 96 Resp: 41821
Ion Ratio Lower Upper
96 100
61 137.7 120.5 180.7
98 60.0 49.8 74.8



#22
Diisopropyl ether
Concen: 20.506 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

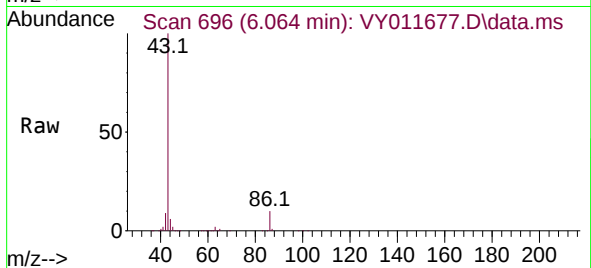
Tgt Ion: 45 Resp: 132964
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 27.4 19.2 28.8
59 11.1 8.4 12.6



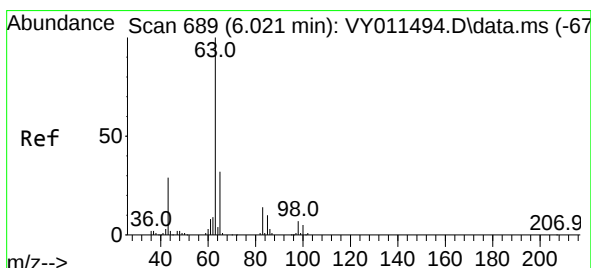
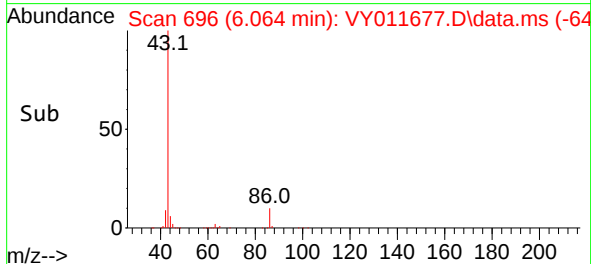
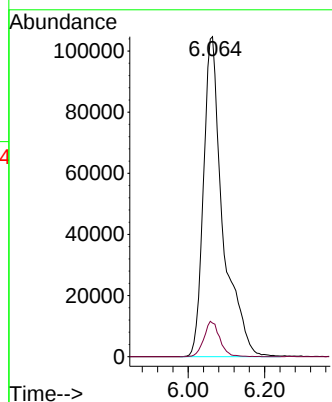


#23
 Vinyl Acetate
 Concen: 97.486 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY011677.D
 Acq: 02 Dec 2022 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :

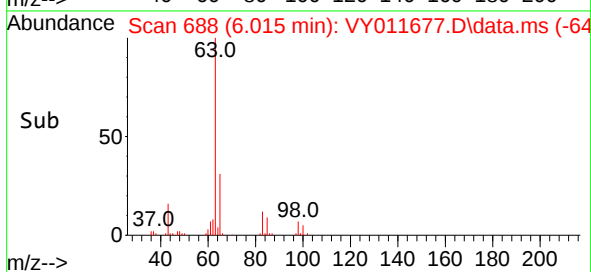
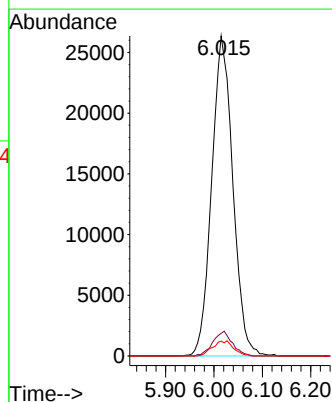
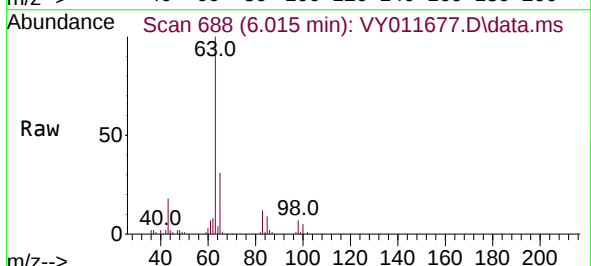


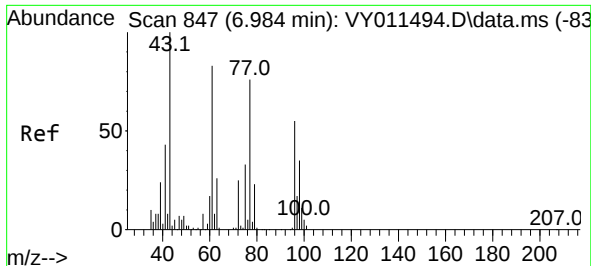
Tgt Ion: 43 Resp: 368210
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 21.045 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011677.D
 Acq: 02 Dec 2022 12:50

Tgt Ion: 63 Resp: 80121
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.6 2.0 5.8

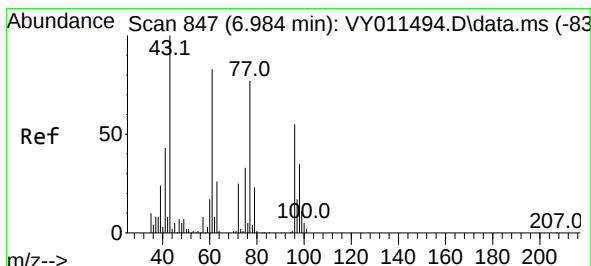
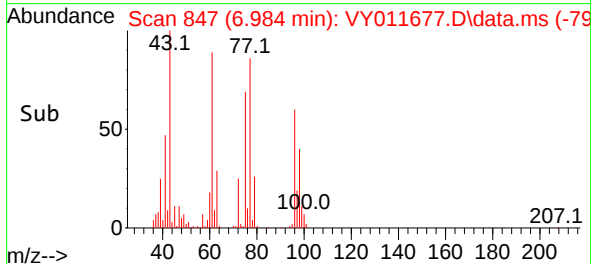
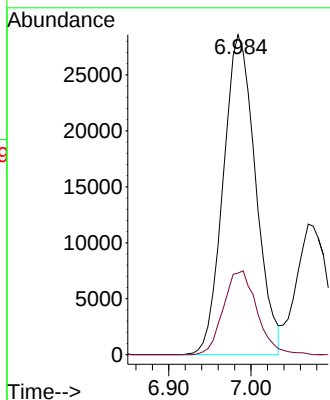
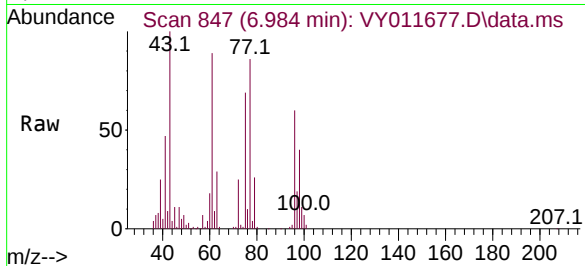




#25
2-Butanone
Concen: 93.632 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

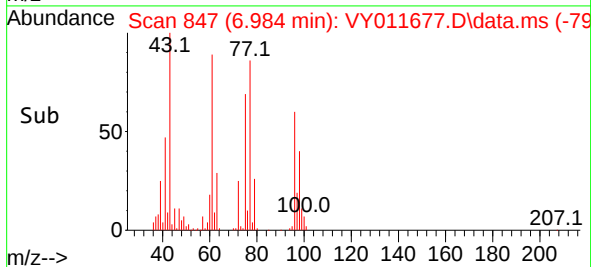
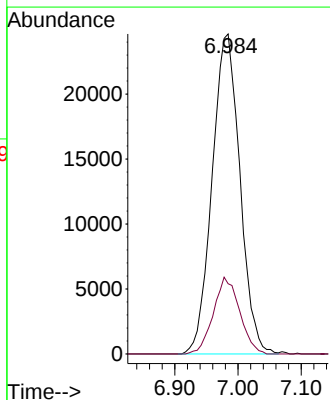
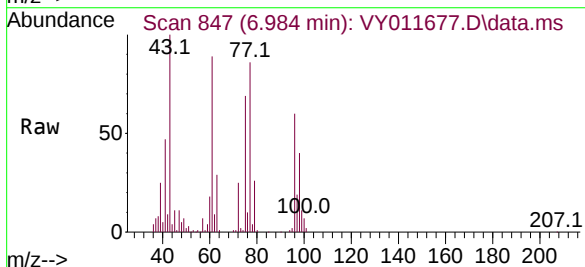
Instrument :
MSVOA_Y
ClientSampleId :

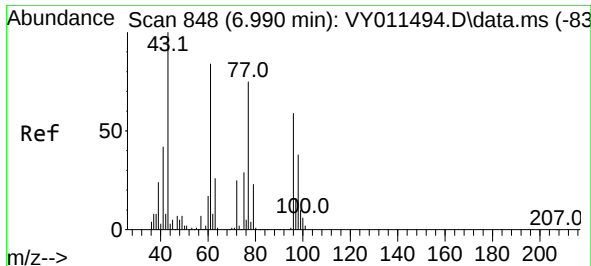
Tgt Ion: 43 Resp: 78148
Ion Ratio Lower Upper
43 100
72 25.5 17.7 26.5



#26
2,2-Dichloropropane
Concen: 21.370 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 77 Resp: 75088
Ion Ratio Lower Upper
77 100
97 22.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 21.088 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

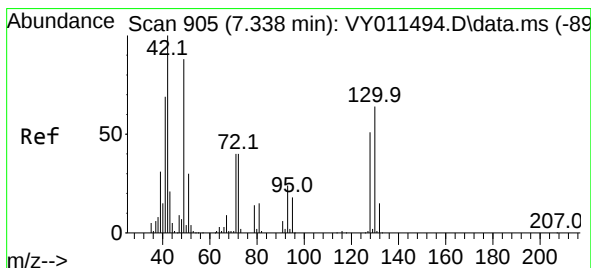
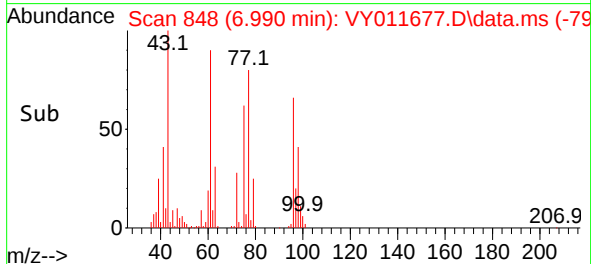
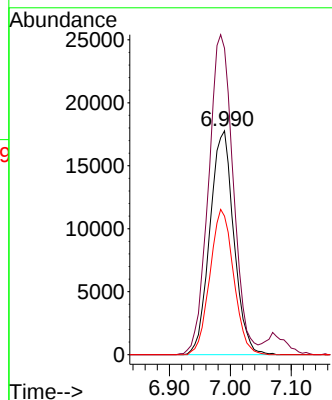
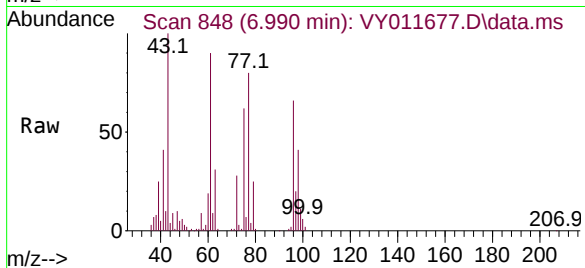
Tgt Ion: 96 Resp: 48546

Ion Ratio Lower Upper

96 100

61 147.5 0.0 319.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 18.636 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

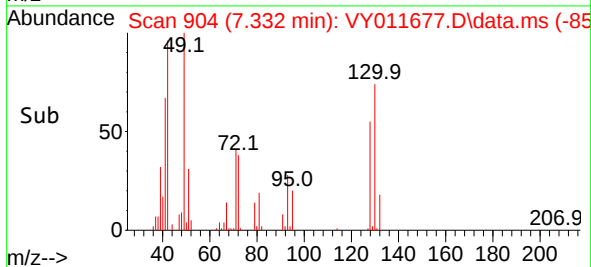
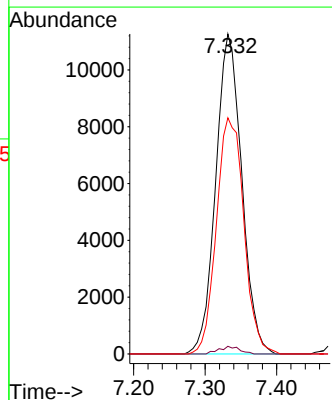
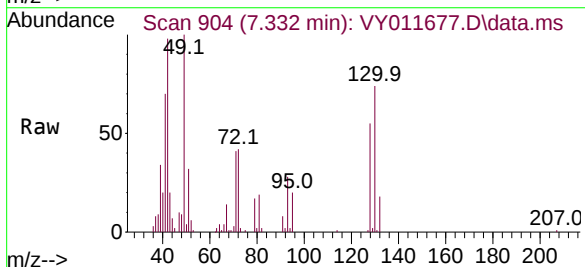
Tgt Ion: 49 Resp: 28502

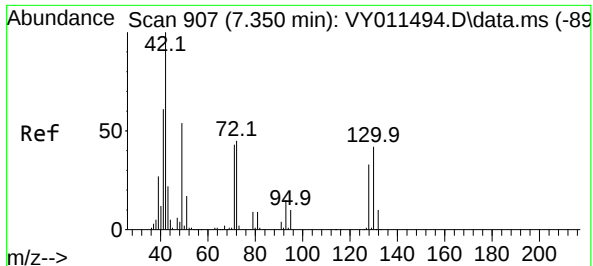
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 77.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 93.536 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY011677.D

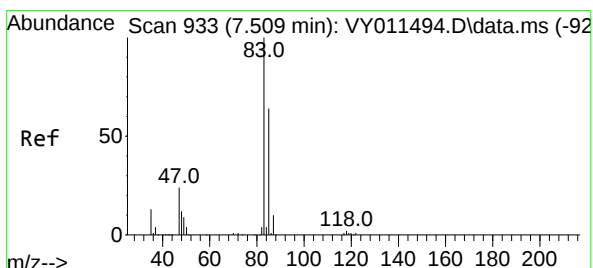
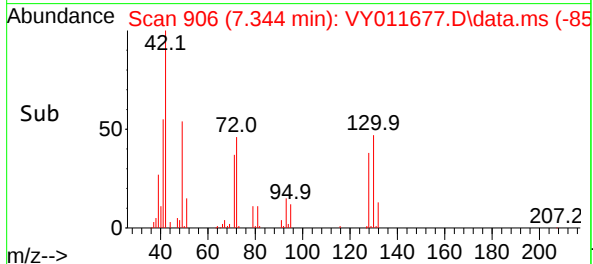
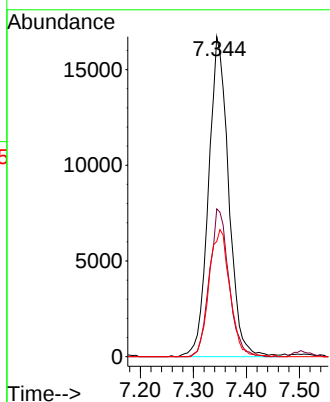
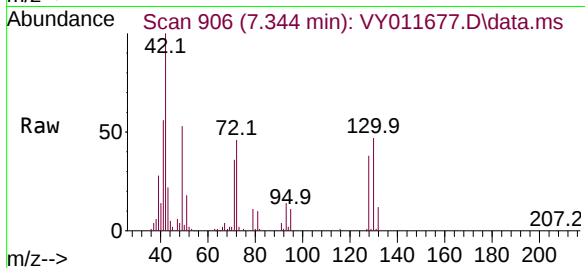
Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	44088
Ion Ratio	Lower	Upper	
42	100		
72	44.6	30.3	45.5
71	41.2	29.0	43.4



#30

Chloroform

Concen: 21.132 ug/l

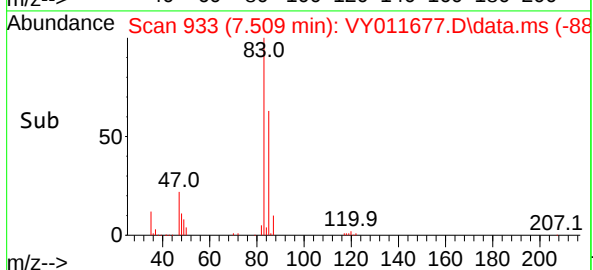
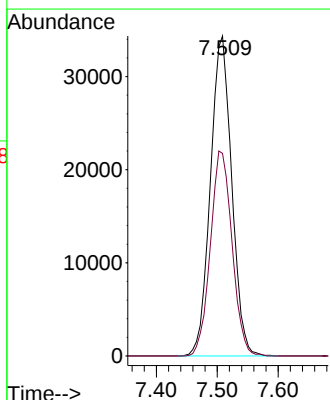
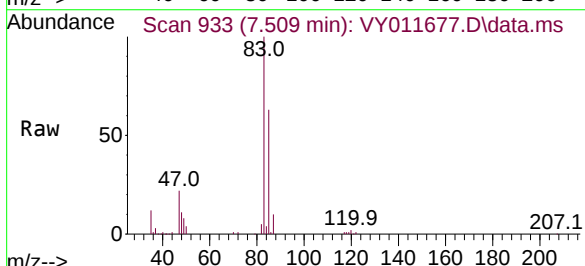
RT: 7.509 min Scan# 933

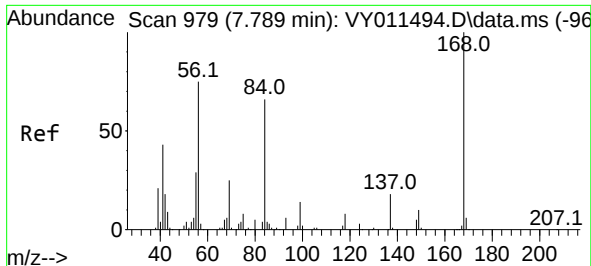
Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

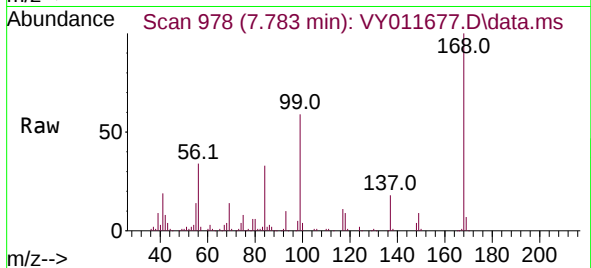
Tgt Ion:	83	Resp:	83433
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.8	77.6



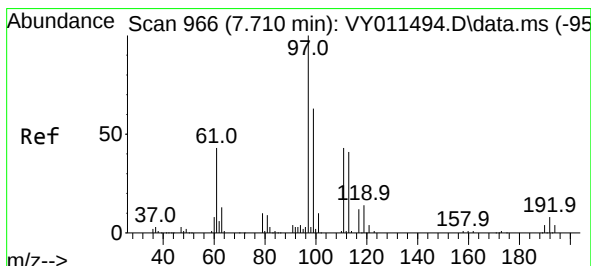
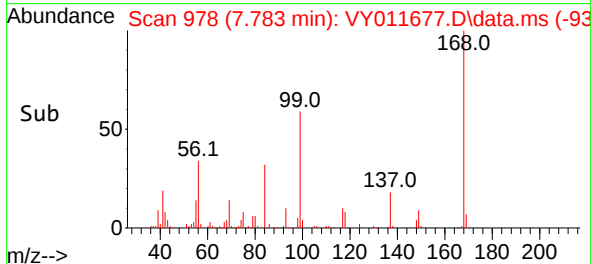
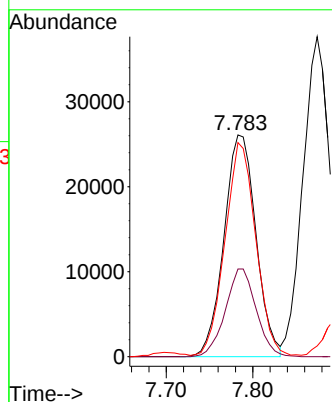


#31
Cyclohexane
Concen: 20.652 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

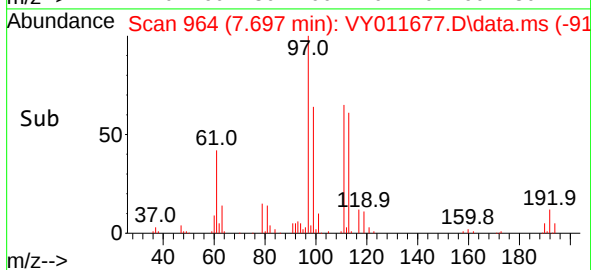
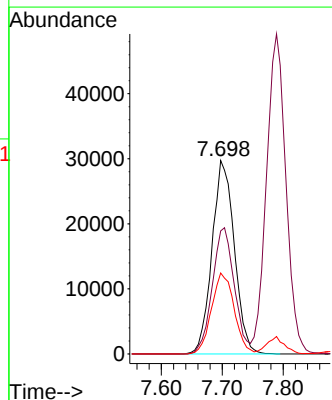
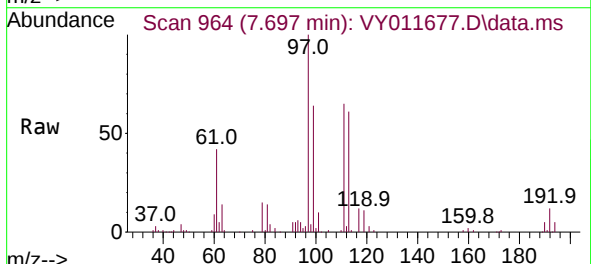


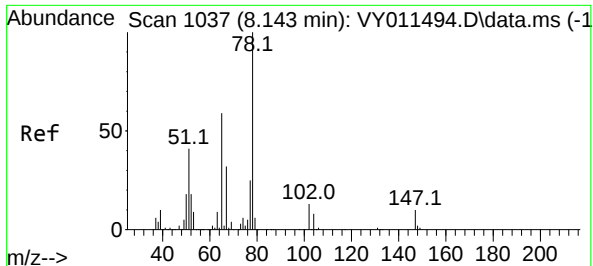
Tgt Ion: 56 Resp: 66929
Ion Ratio Lower Upper
56 100
69 39.6 26.7 40.1
84 95.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 21.395 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.013 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 97 Resp: 75565
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 42.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.671 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

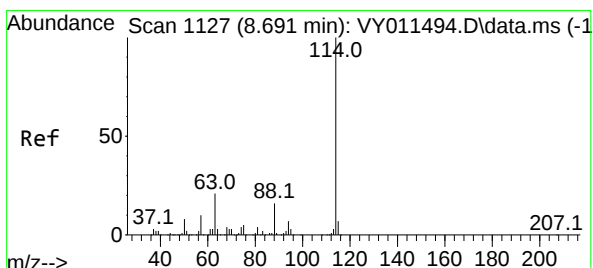
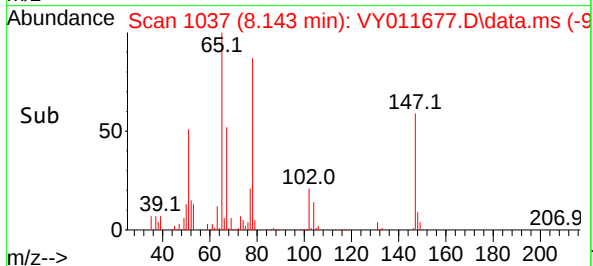
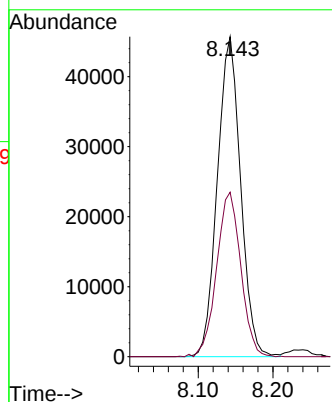
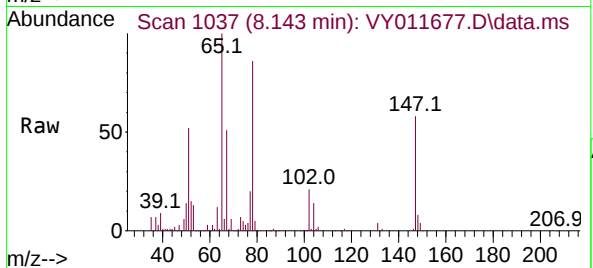
ClientSampleId :

Tgt Ion: 65 Resp: 99071

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

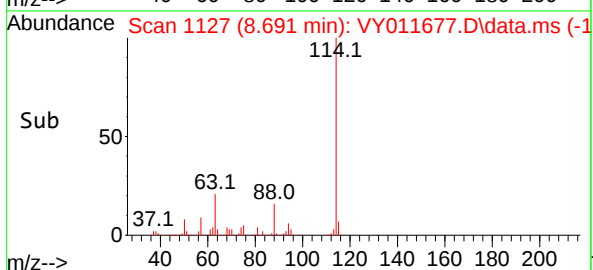
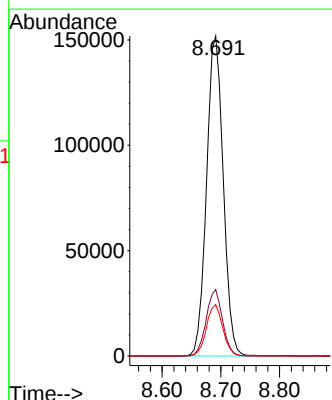
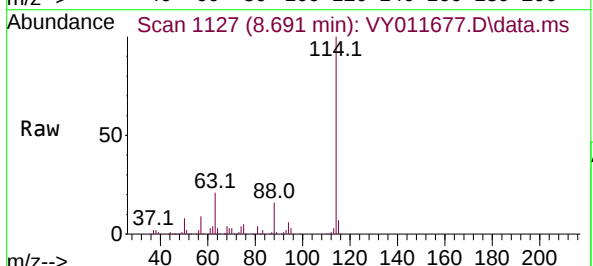
Tgt Ion: 114 Resp: 299607

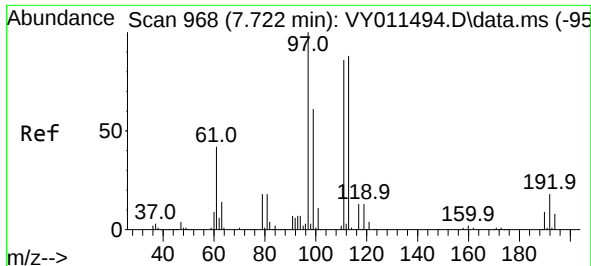
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.685 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

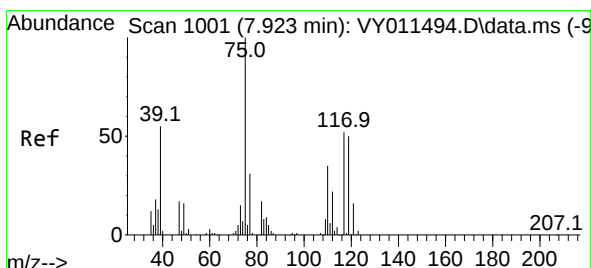
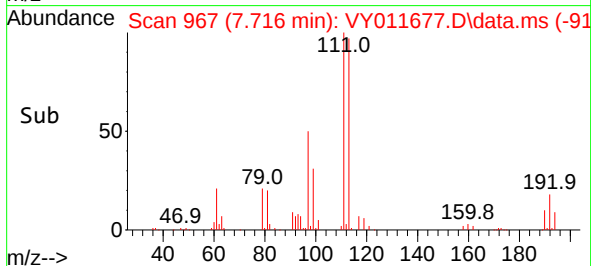
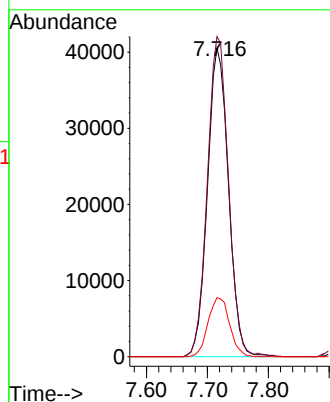
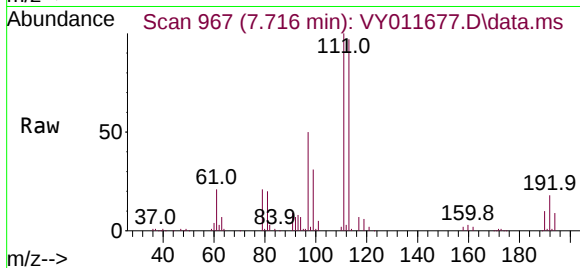
Tgt Ion:113 Resp: 97171

Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 19.6 17.6 26.4



#36

1,1-Dichloropropene

Concen: 20.944 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

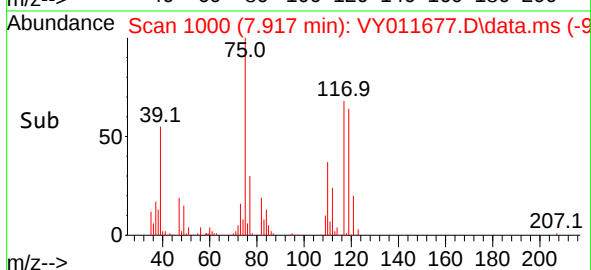
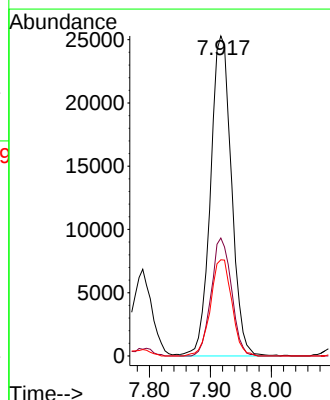
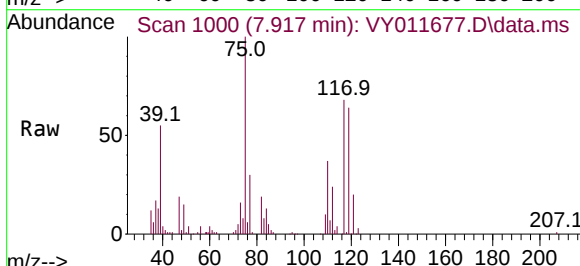
Tgt Ion: 75 Resp: 60381

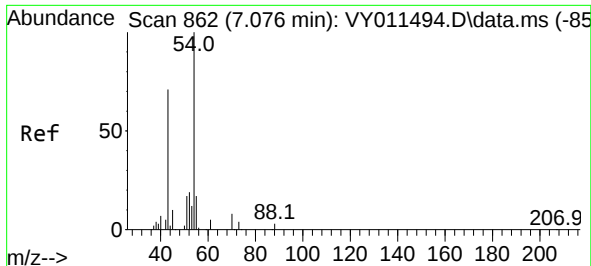
Ion Ratio Lower Upper

75 100

110 35.6 17.1 51.2

77 30.6 24.4 36.6

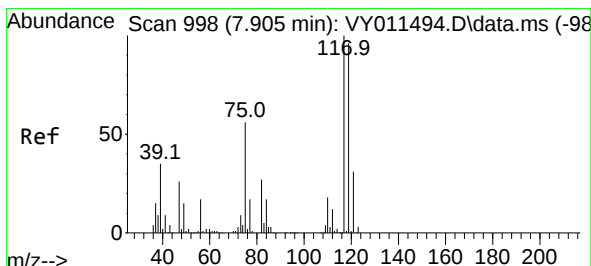
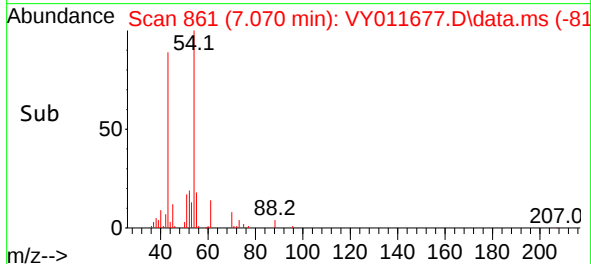
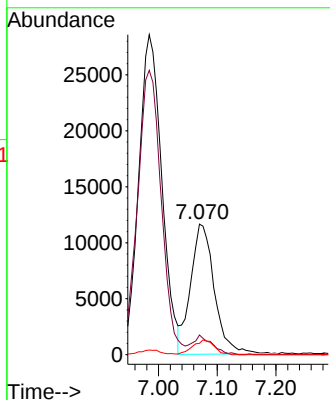
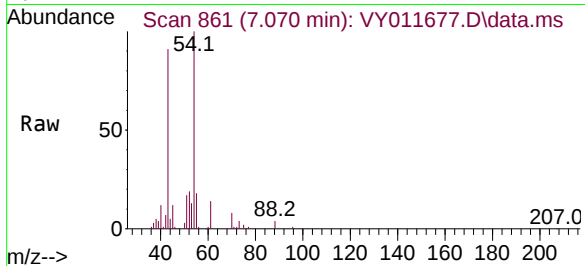




#37
Ethyl Acetate
Concen: 19.899 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

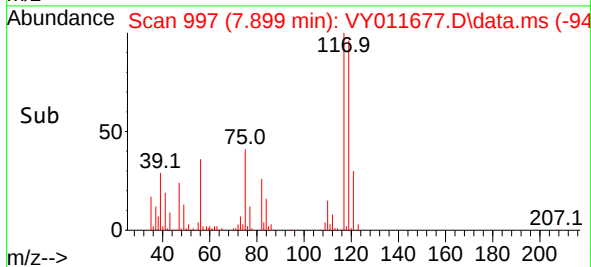
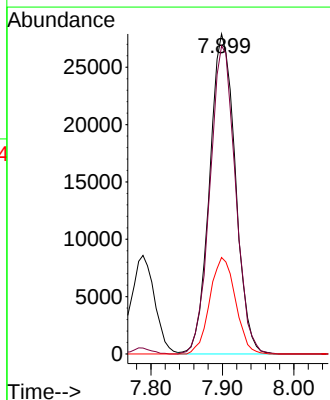
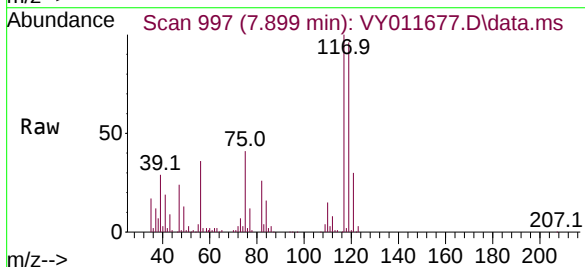
Instrument :
MSVOA_Y
ClientSampleId :

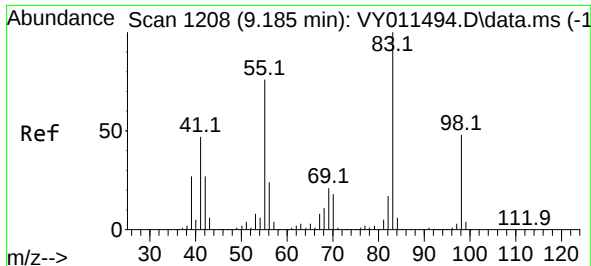
Tgt Ion: 43 Resp: 32668
Ion Ratio Lower Upper
43 100
61 12.5 9.7 14.5
70 10.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.568 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 117 Resp: 69567
Ion Ratio Lower Upper
117 100
119 96.3 77.9 116.9
121 30.1 24.8 37.2

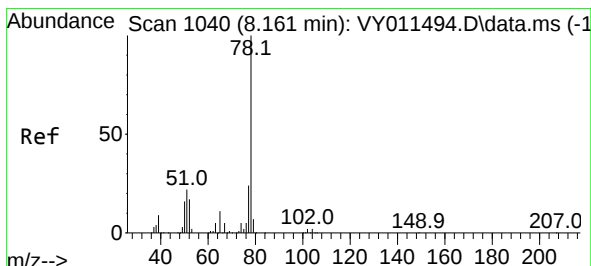
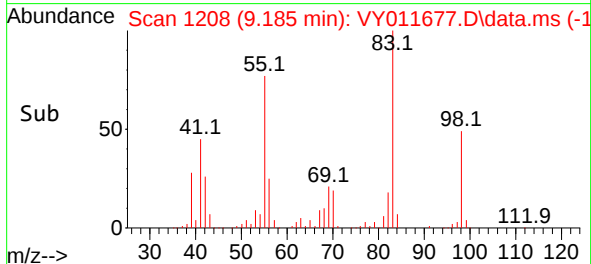
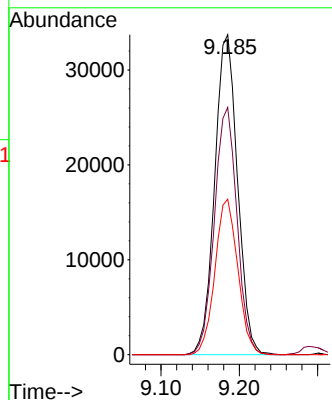
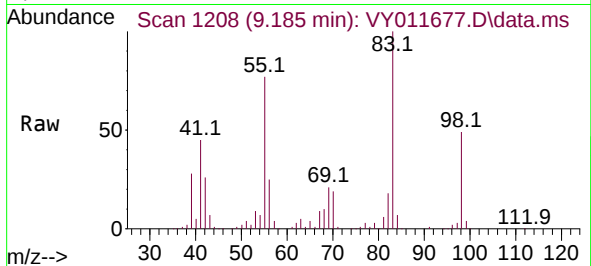




#39
Methylcyclohexane
Concen: 21.263 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

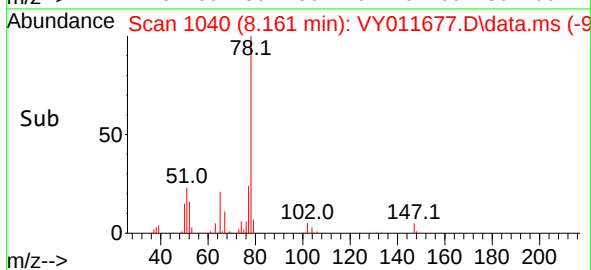
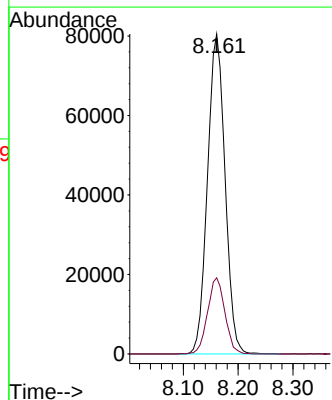
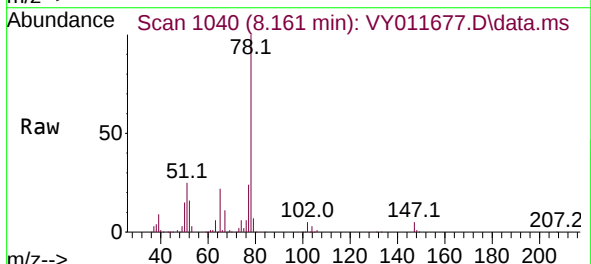
Instrument :
MSVOA_Y
ClientSampleId :

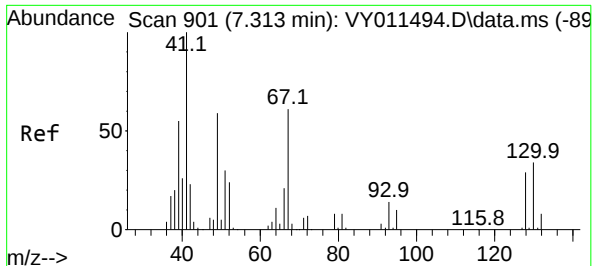
Tgt Ion: 83 Resp: 68410
Ion Ratio Lower Upper
83 100
55 77.2 66.5 99.7
98 48.6 37.9 56.9



#40
Benzene
Concen: 21.256 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 78 Resp: 178505
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6

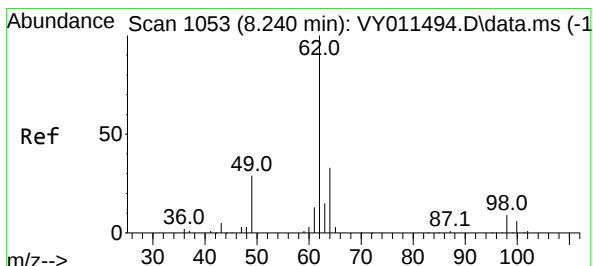
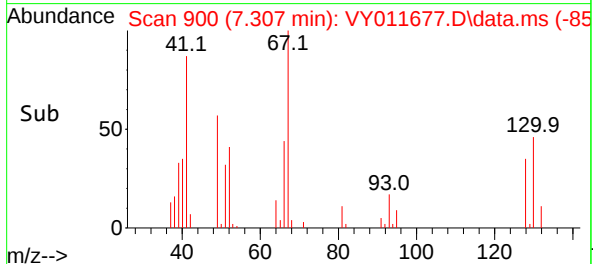
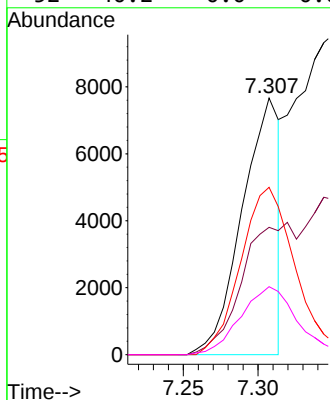
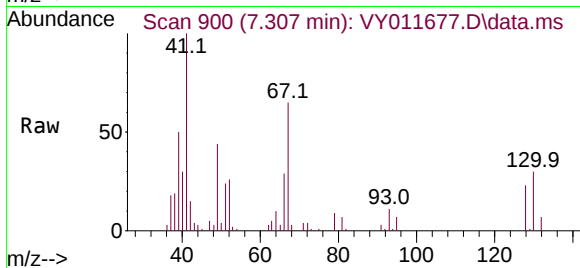




#41
Methacrylonitrile
Concen: 16.164 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

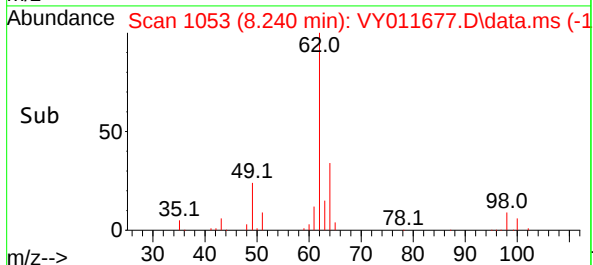
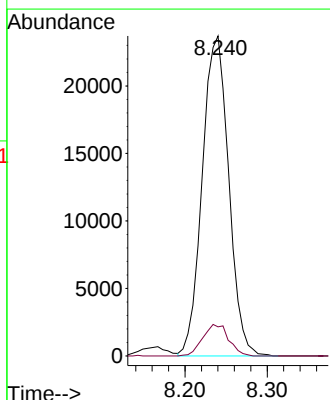
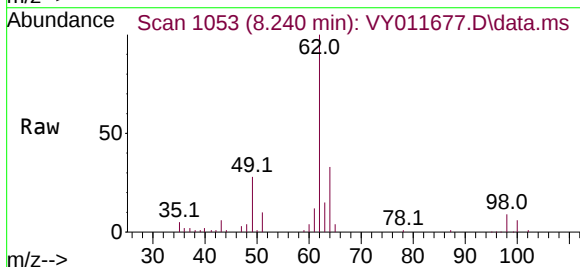
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 13417
Ion Ratio Lower Upper
41 100
39 73.3 92.9 139.3#
67 95.6 0.0 0.0#
52 40.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.426 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 62 Resp: 53051
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8

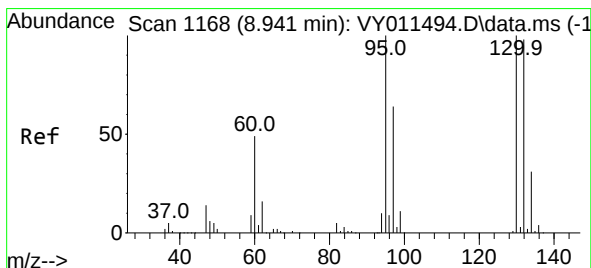
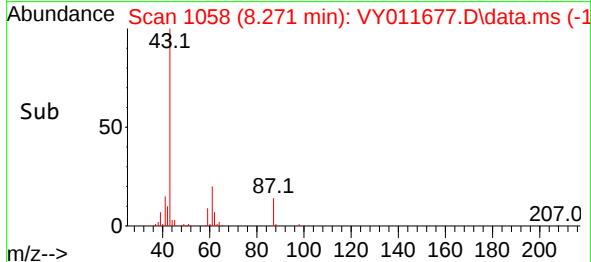
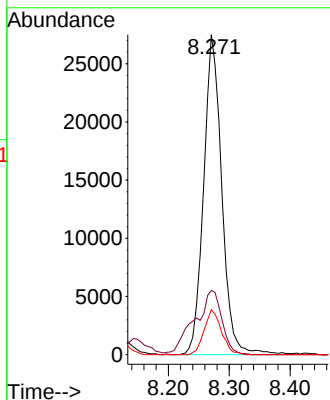
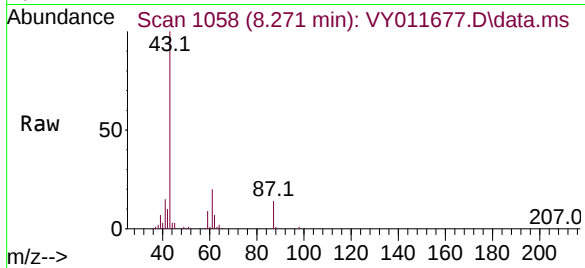




#43
Isopropyl Acetate
Concen: 19.226 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

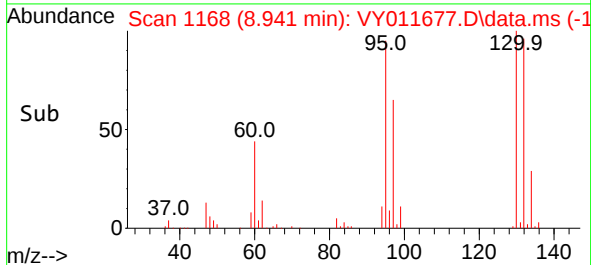
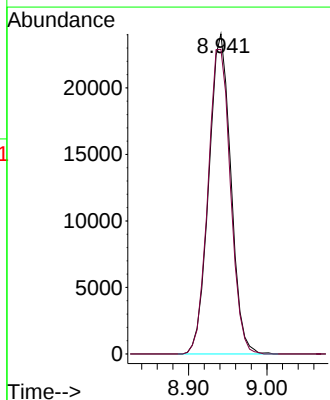
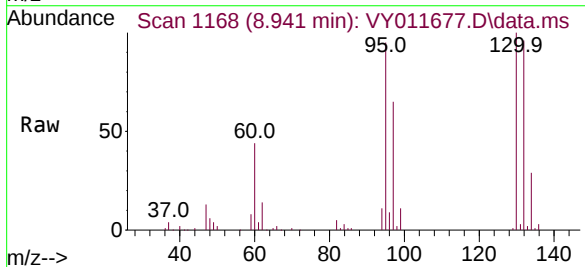
Instrument :
MSVOA_Y
ClientSampleId :

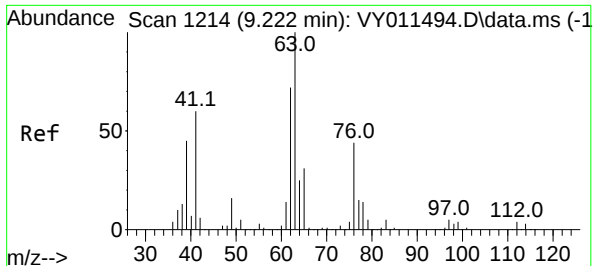
Tgt Ion: 43 Resp: 56939
Ion Ratio Lower Upper
43 100
61 30.3 20.2 30.2#
87 13.3 8.9 13.3#



#44
Trichloroethene
Concen: 20.776 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion:130 Resp: 46945
Ion Ratio Lower Upper
130 100
95 95.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.541 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

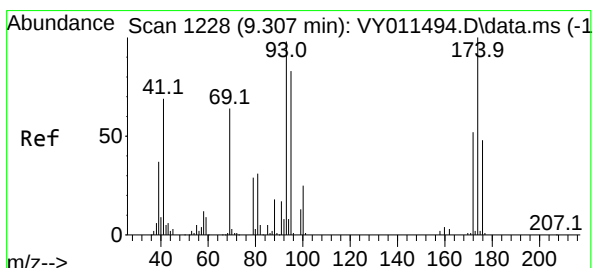
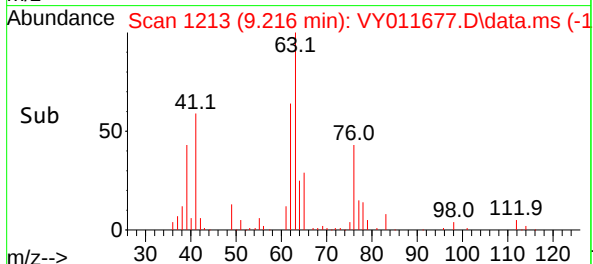
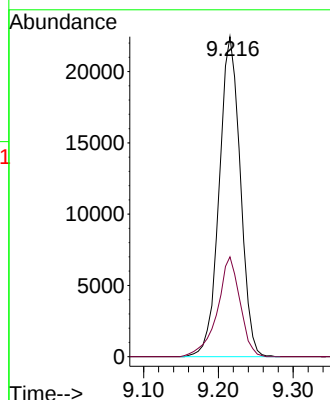
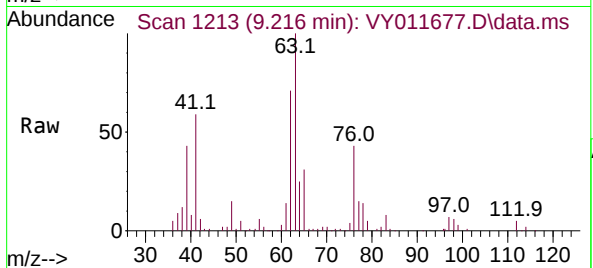
ClientSampleId :

Tgt Ion: 63 Resp: 44092

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 20.289 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

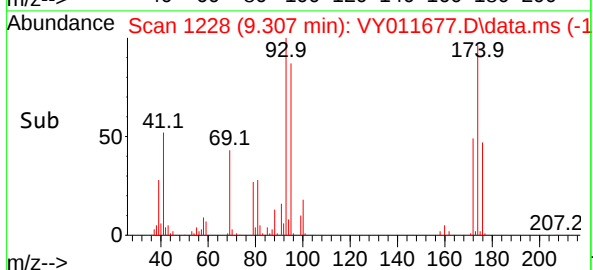
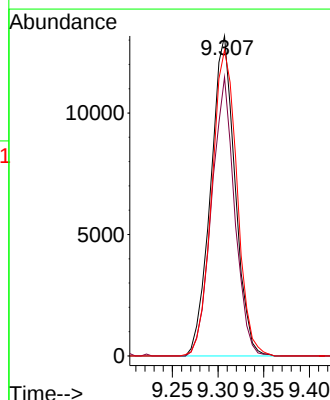
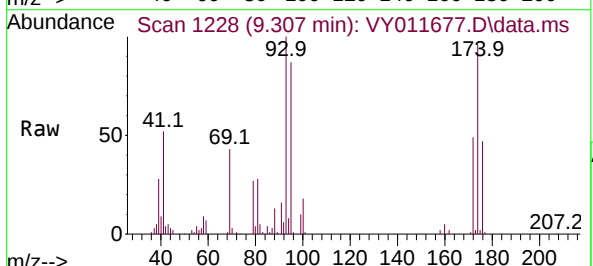
Tgt Ion: 93 Resp: 24352

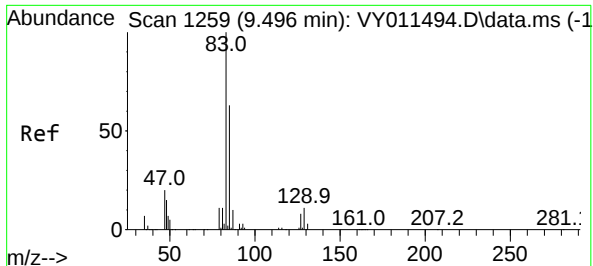
Ion Ratio Lower Upper

93 100

95 82.3 64.3 96.5

174 99.0 83.4 125.0





#47

Bromodichloromethane

Concen: 20.668 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

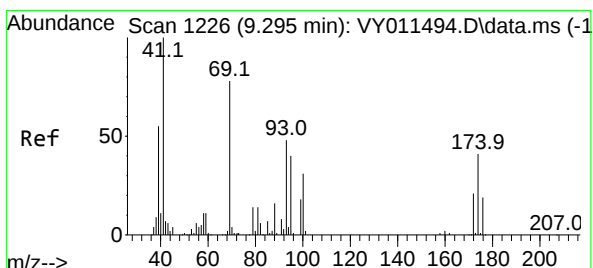
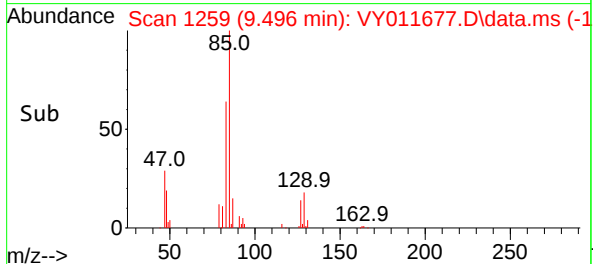
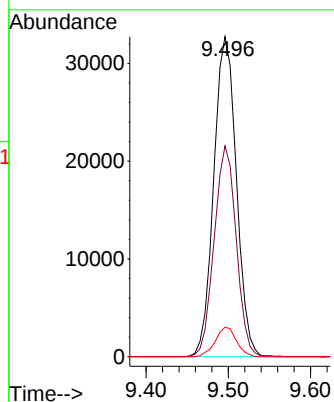
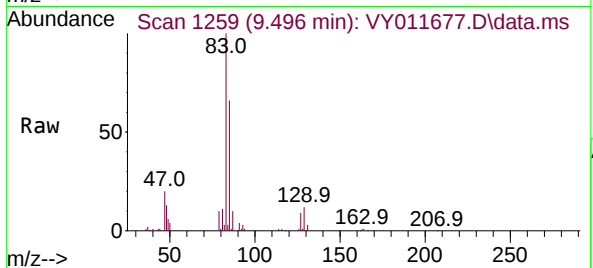
Tgt Ion: 83 Resp: 62484

Ion Ratio Lower Upper

83 100

85 65.9 51.9 77.9

127 9.2 6.6 10.0



#48

Methyl methacrylate

Concen: 18.781 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

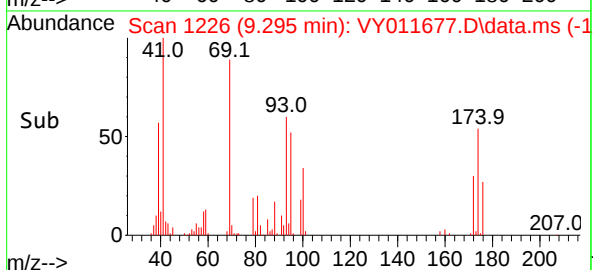
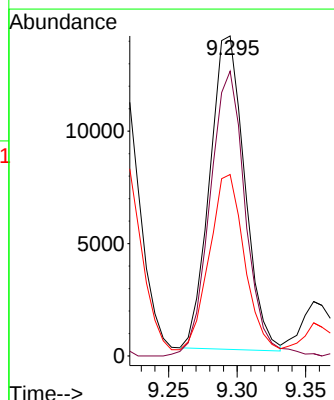
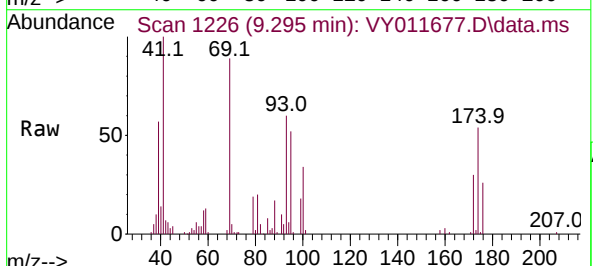
Tgt Ion: 41 Resp: 24706

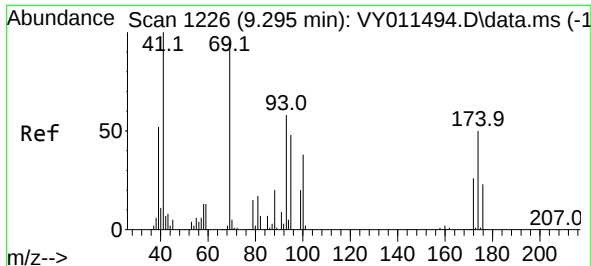
Ion Ratio Lower Upper

41 100

69 92.3 58.2 87.2#

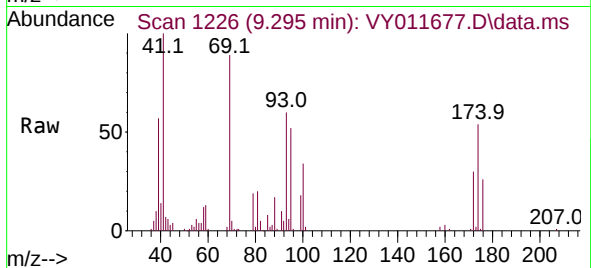
39 56.8 47.4 71.0



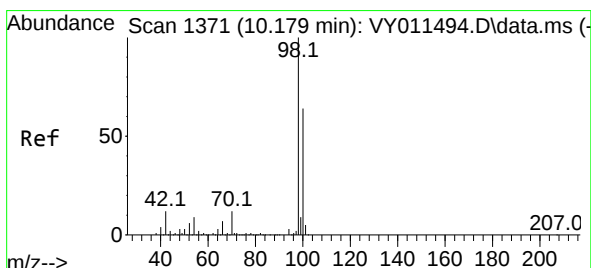
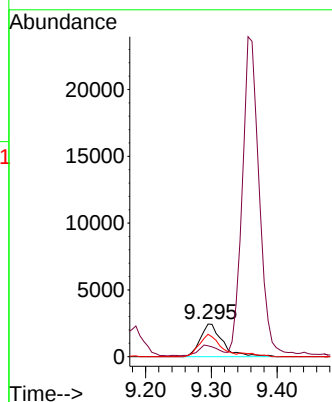
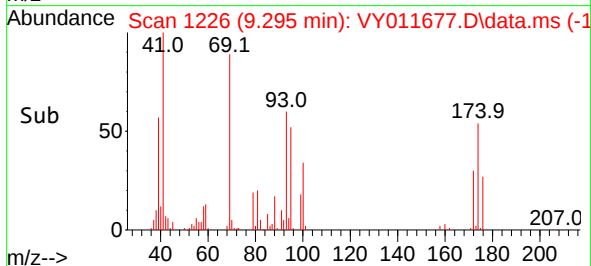


#49
1,4-Dioxane
Concen: 386.777 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

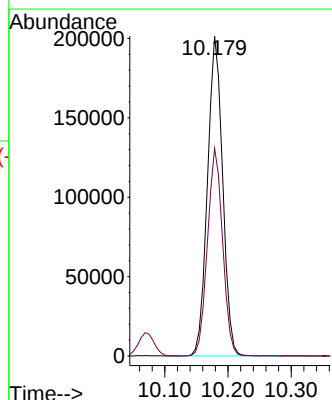
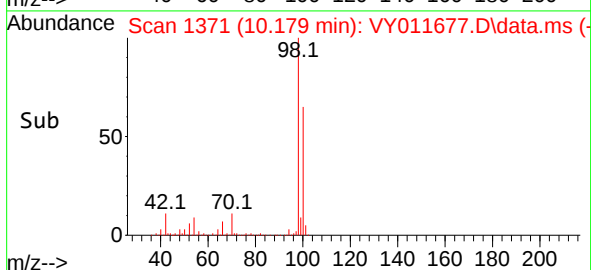
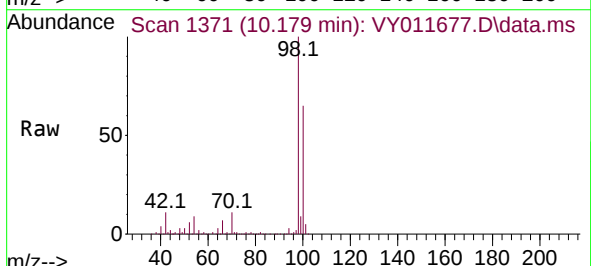


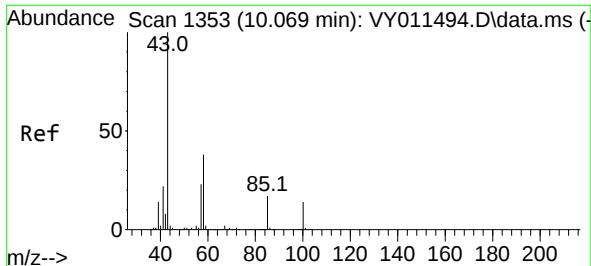
Tgt Ion: 88 Resp: 5749
Ion Ratio Lower Upper
88 100
43 29.3 32.8 49.2#
58 63.0 59.8 89.6



#50
Toluene-d8
Concen: 50.129 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 98 Resp: 335973
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

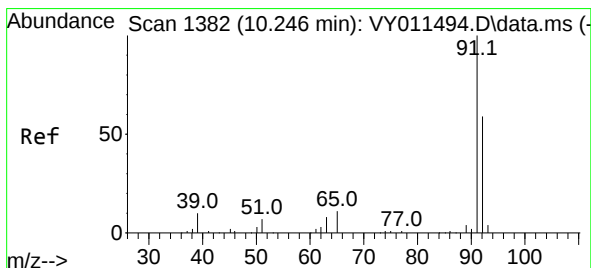
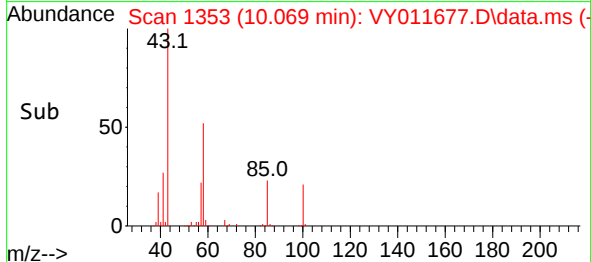
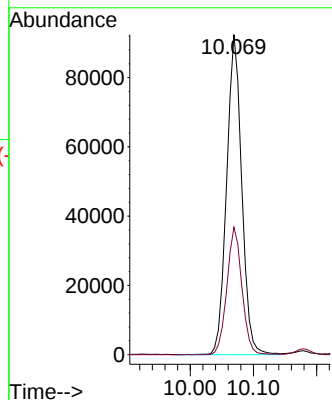
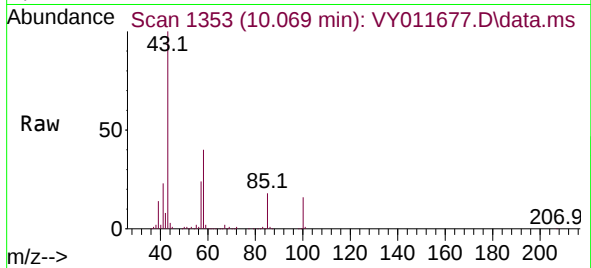




#51
4-Methyl-2-Pentanone
Concen: 92.932 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

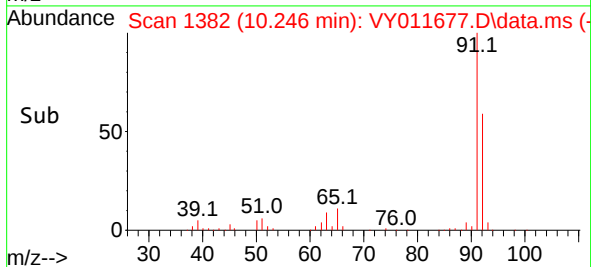
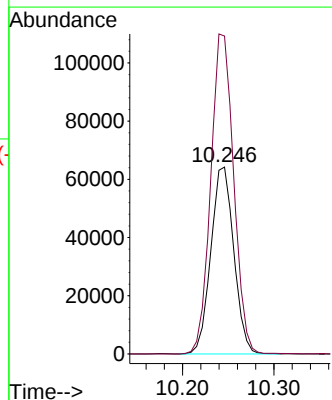
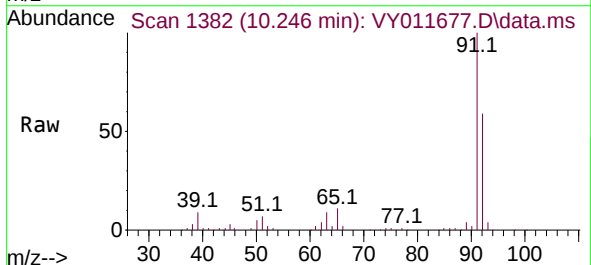
Instrument :
MSVOA_Y
ClientSampleId :

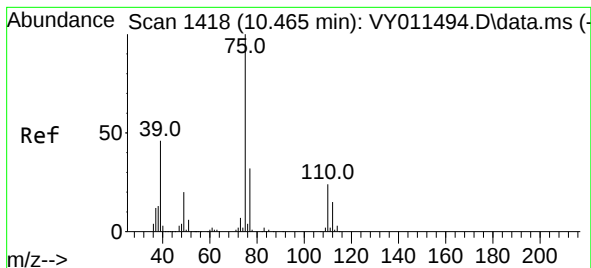
Tgt Ion: 43 Resp: 152996
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1



#52
Toluene
Concen: 21.141 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 92 Resp: 112271
Ion Ratio Lower Upper
92 100
91 171.3 142.6 213.8

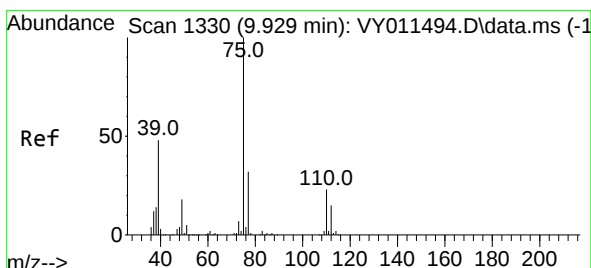
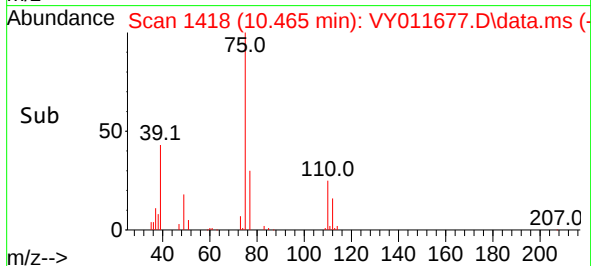
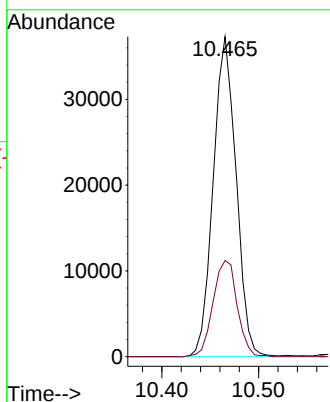
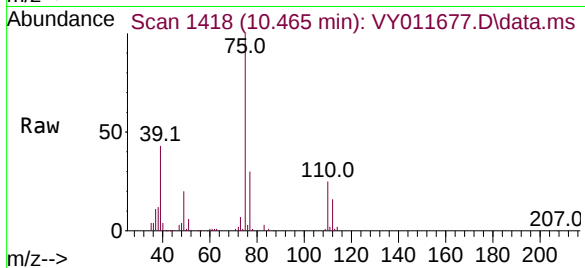




#53
t-1,3-Dichloropropene
Concen: 20.263 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

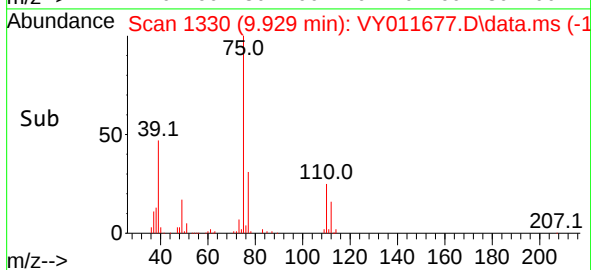
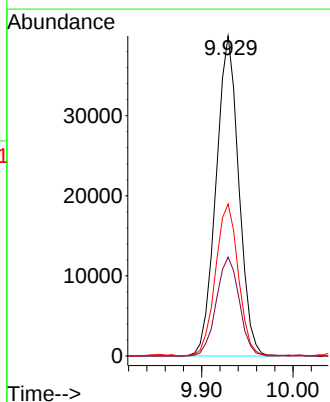
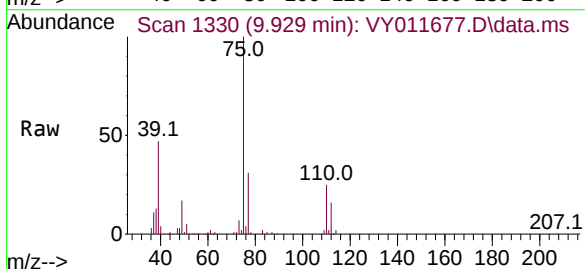
Instrument :
MSVOA_Y
ClientSampleId :

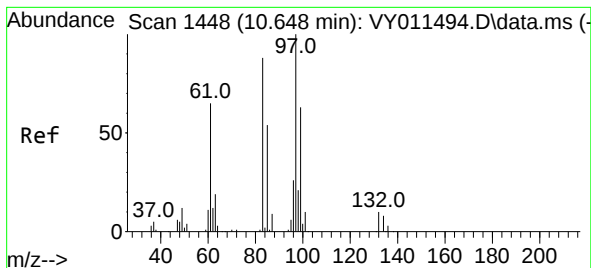
Tgt Ion: 75 Resp: 61236
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.313 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 75 Resp: 69058
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
39 47.5 47.6 71.4#

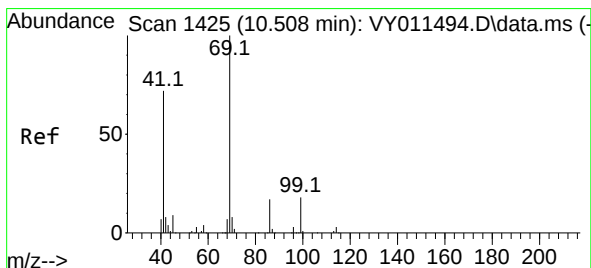
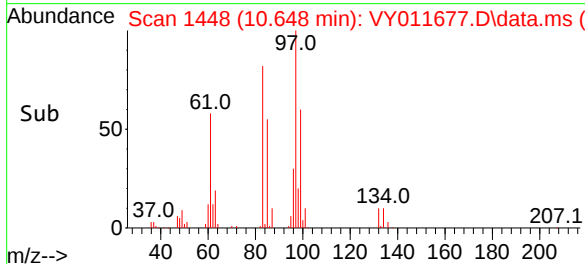
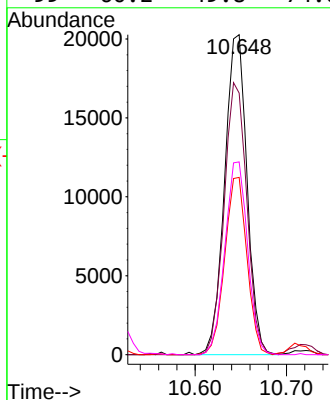
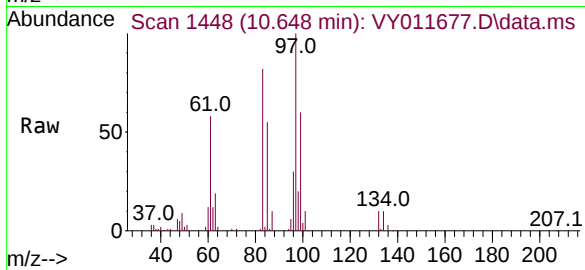




#55
1,1,2-Trichloroethane
Concen: 20.175 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

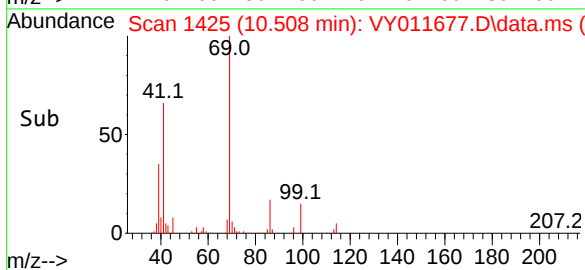
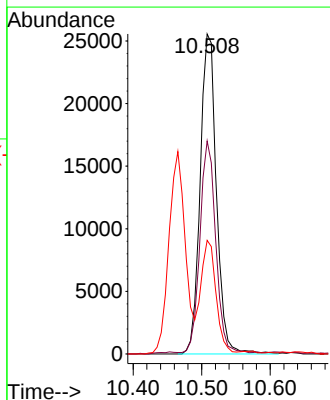
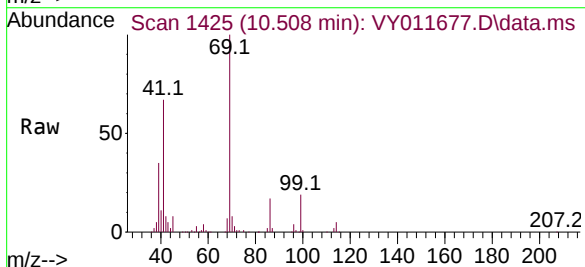
Instrument :
MSVOA_Y
ClientSampleId :

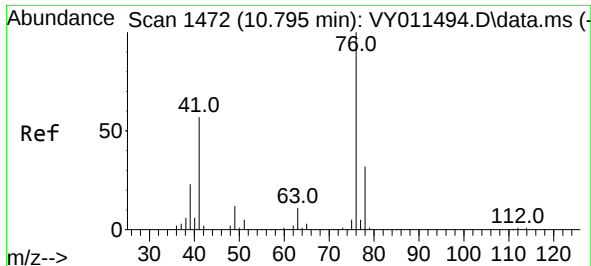
Tgt Ion:	97	Resp:	34643
Ion	Ratio	Lower	Upper
97	100		
83	81.8	69.8	104.8
85	55.4	44.3	66.5
99	60.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 19.807 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion:	69	Resp:	42301
Ion	Ratio	Lower	Upper
69	100		
41	63.7	63.4	95.0
39	32.1	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.301 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.007 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

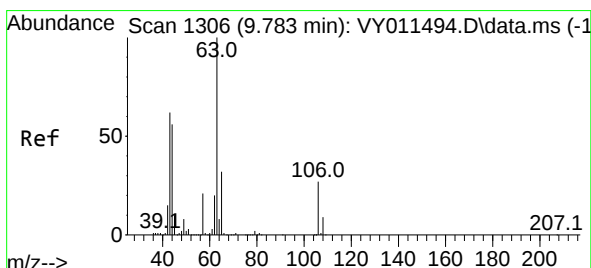
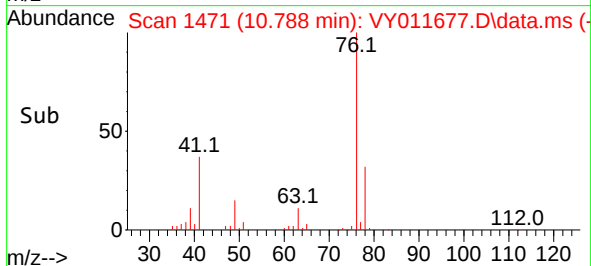
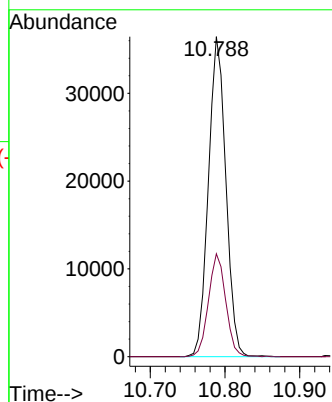
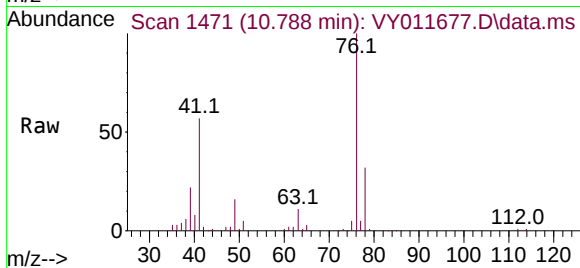
ClientSampleId :

Tgt Ion: 76 Resp: 59038

Ion Ratio Lower Upper

76 100

78 31.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.313 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011677.D

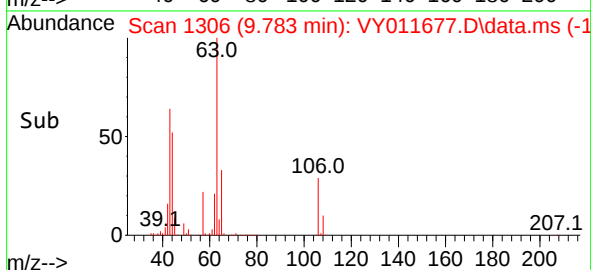
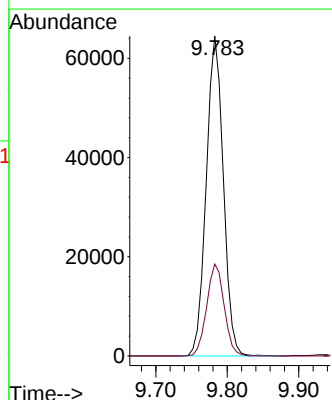
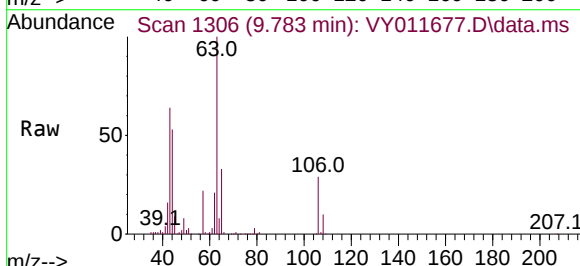
Acq: 02 Dec 2022 12:50

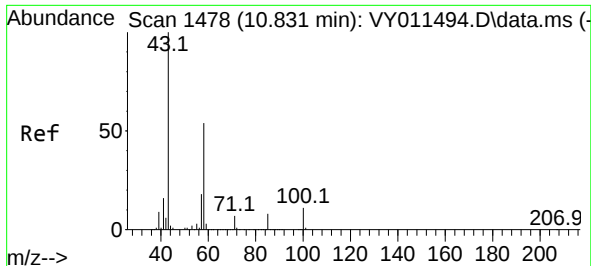
Tgt Ion: 63 Resp: 107011

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3





#59

2-Hexanone

Concen: 92.003 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

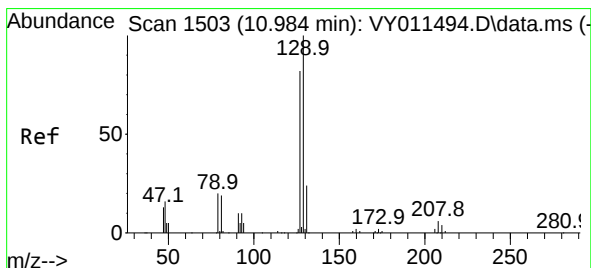
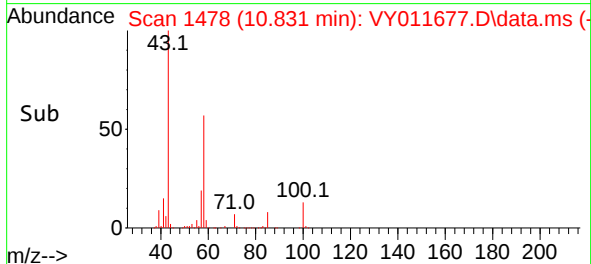
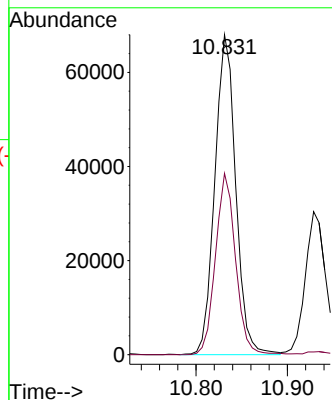
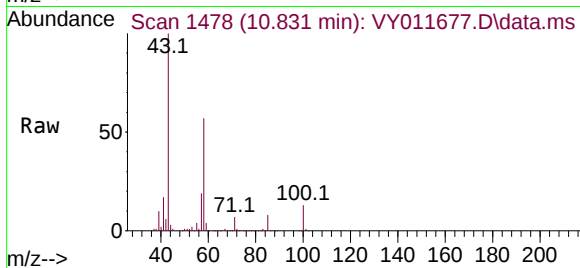
ClientSampleId :

Tgt Ion: 43 Resp: 108105

Ion Ratio Lower Upper

43 100

58 54.4 24.4 73.4



#60

Dibromochloromethane

Concen: 20.800 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.001 min

Lab File: VY011677.D

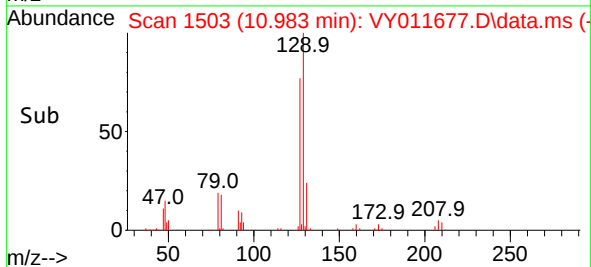
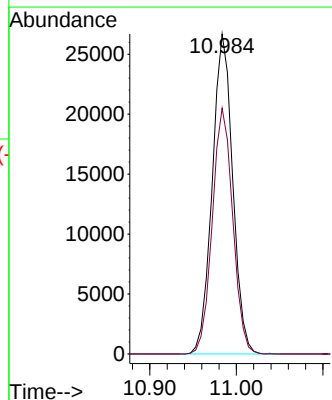
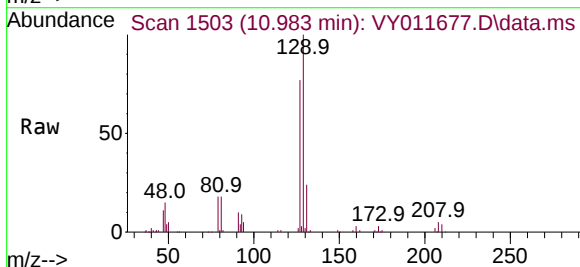
Acq: 02 Dec 2022 12:50

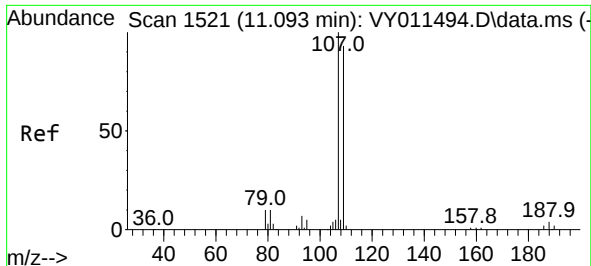
Tgt Ion:129 Resp: 43770

Ion Ratio Lower Upper

129 100

127 76.8 38.7 116.1

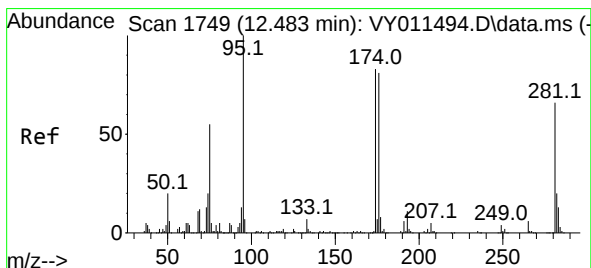
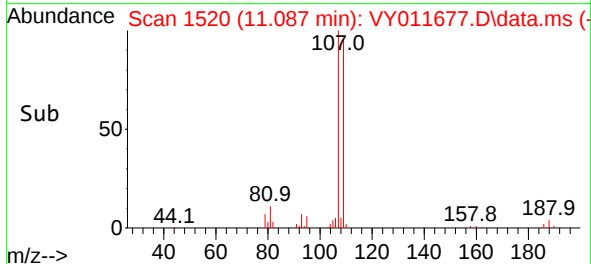
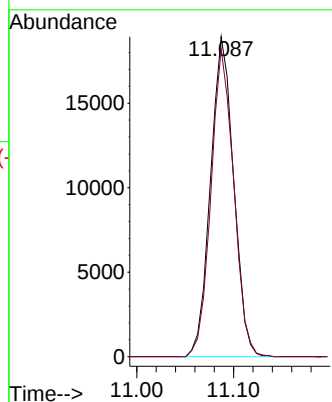
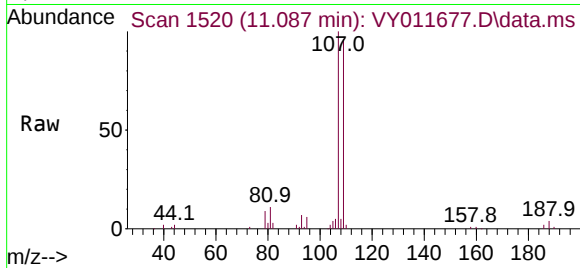




#61
1,2-Dibromoethane
Concen: 20.066 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

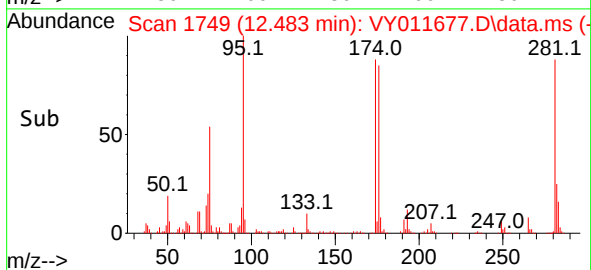
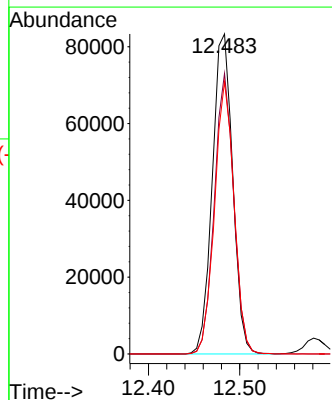
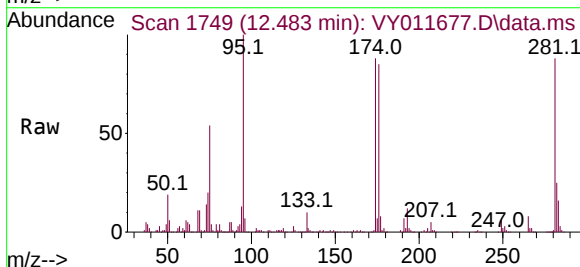
Instrument :
MSVOA_Y
ClientSampleId :

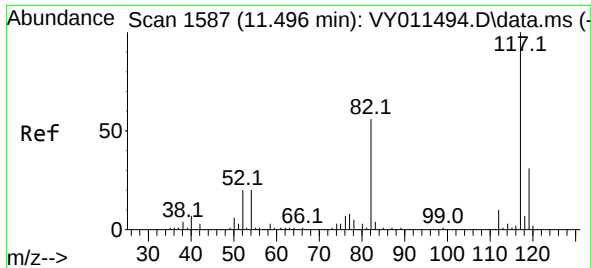
Tgt Ion:107 Resp: 31451
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 95 Resp: 129170
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.5 0.0 175.8

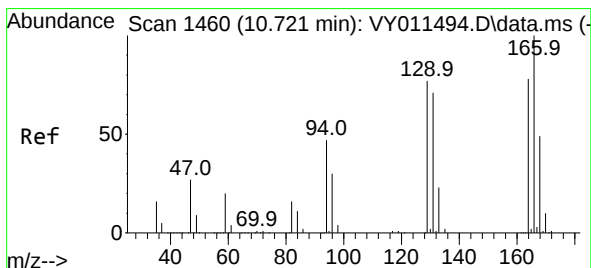
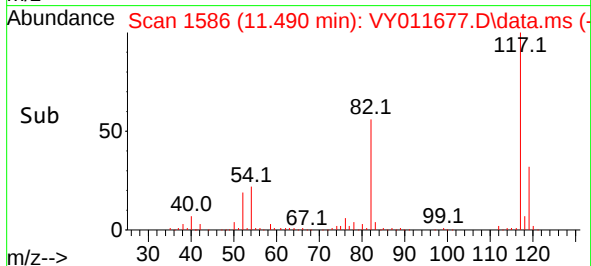
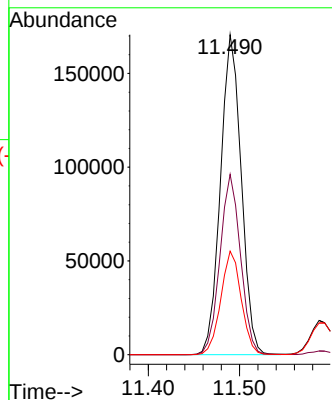
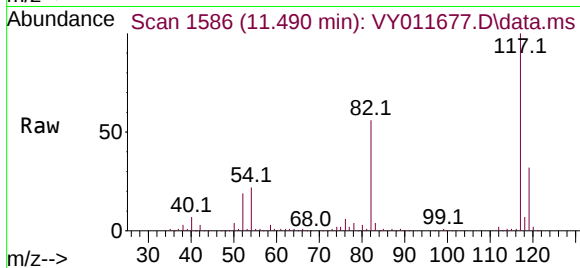




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

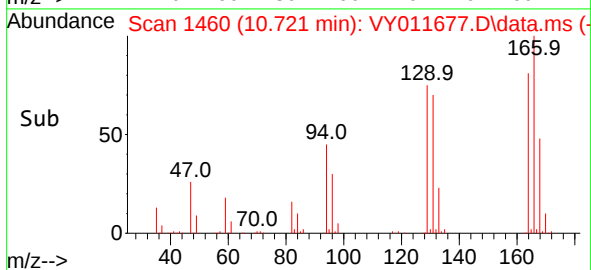
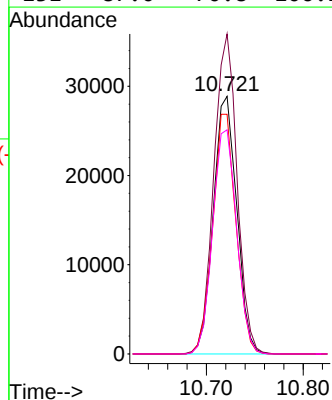
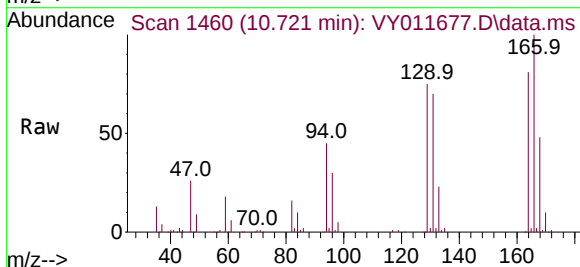
Instrument :
MSVOA_Y
ClientSampleId :

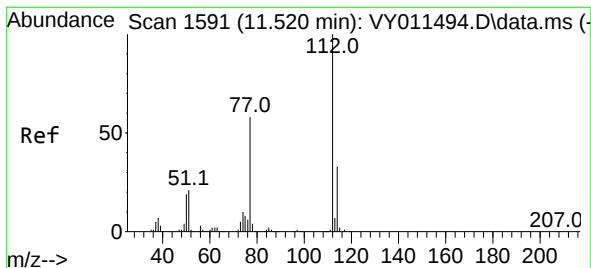
Tgt Ion:117 Resp: 269713
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 21.909 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion:164 Resp: 48695
Ion Ratio Lower Upper
164 100
166 124.2 100.4 150.6
129 93.0 71.4 107.0
131 87.0 70.8 106.2

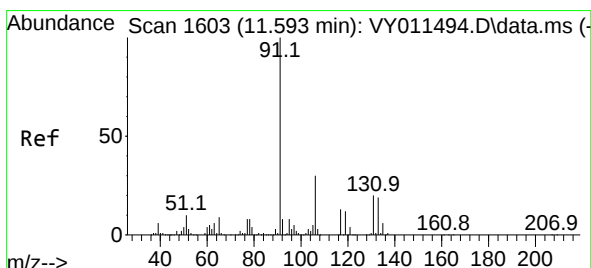
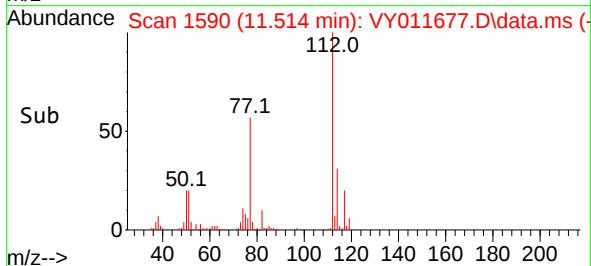
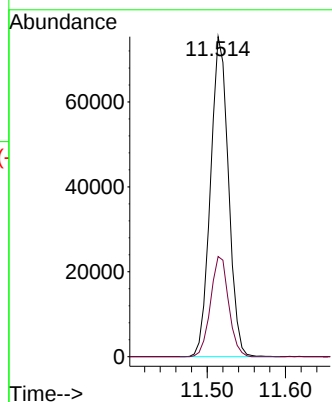
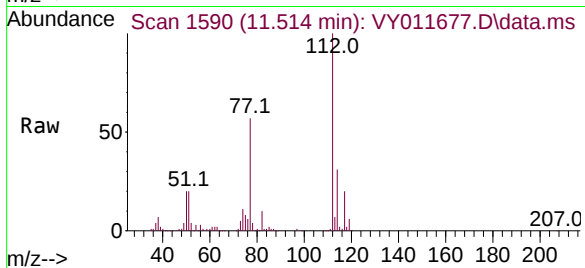




#65
Chlorobenzene
Concen: 21.198 ug/l
RT: 11.514 min Scan# 119721
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

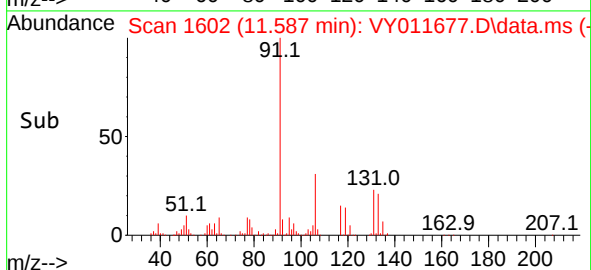
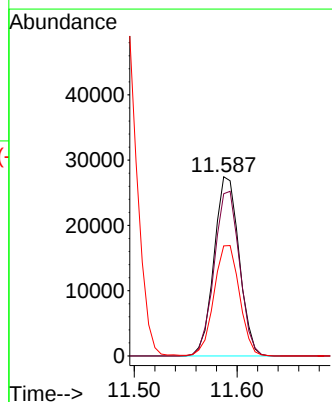
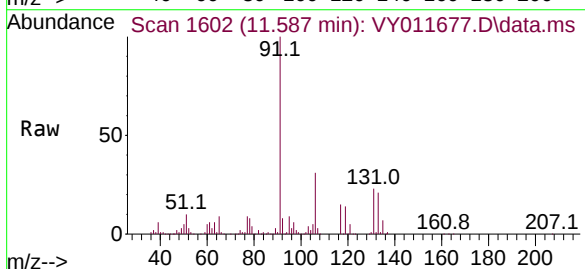
Instrument :
MSVOA_Y
ClientSampleId :

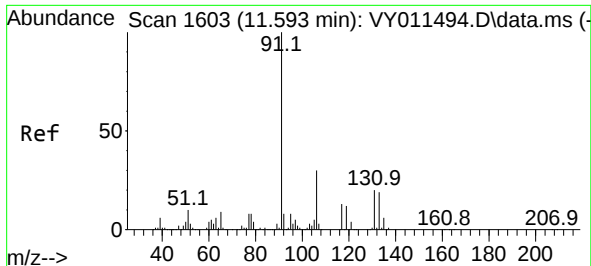
Tgt Ion:112 Resp: 119721
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.709 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion:131 Resp: 46470
Ion Ratio Lower Upper
131 100
133 93.1 47.9 143.6
119 62.9 30.8 92.3





#67

Ethyl Benzene

Concen: 21.188 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

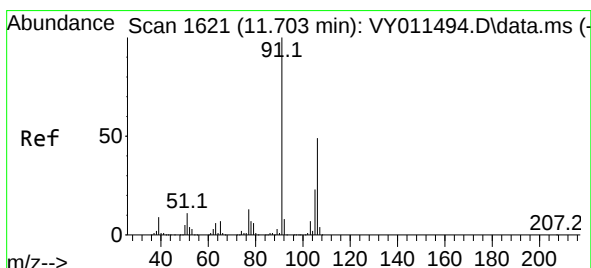
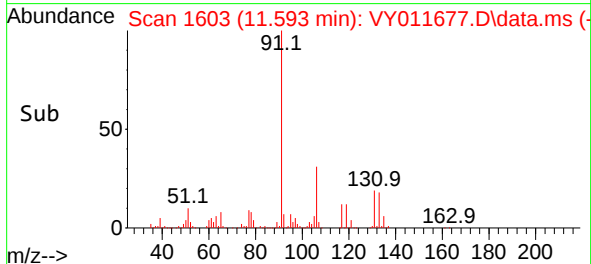
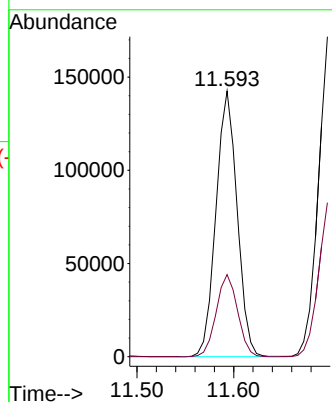
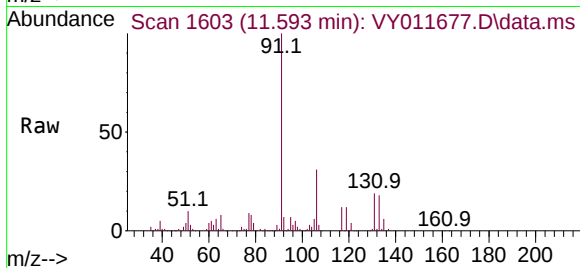
ClientSampleId :

Tgt Ion: 91 Resp: 216066

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 42.787 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011677.D

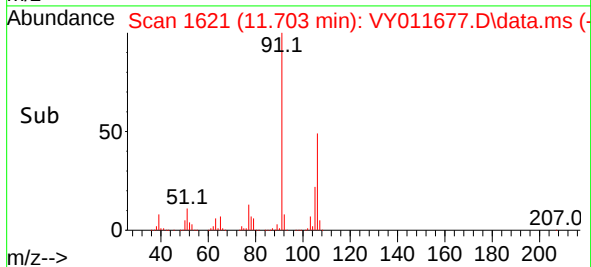
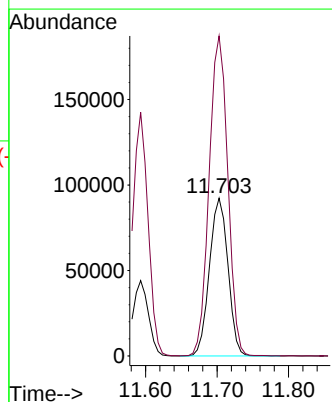
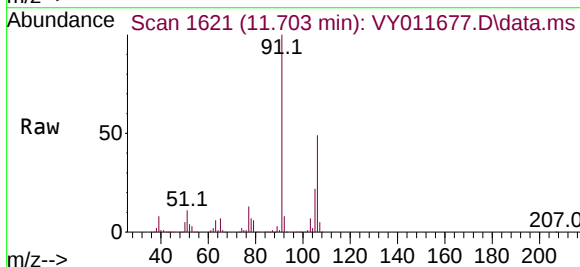
Acq: 02 Dec 2022 12:50

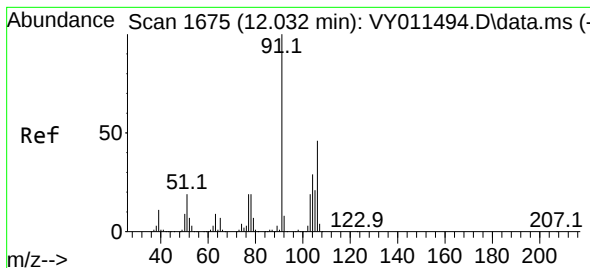
Tgt Ion:106 Resp: 166095

Ion Ratio Lower Upper

106 100

91 204.3 166.6 249.8





#69

o-Xylene

Concen: 21.485 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

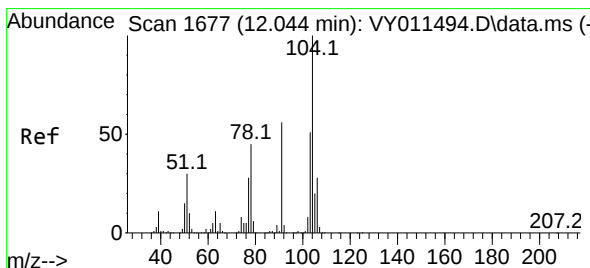
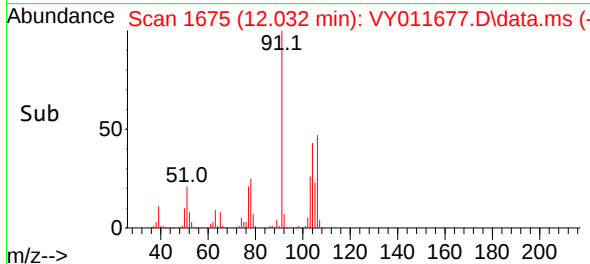
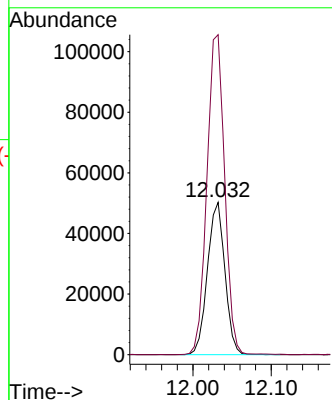
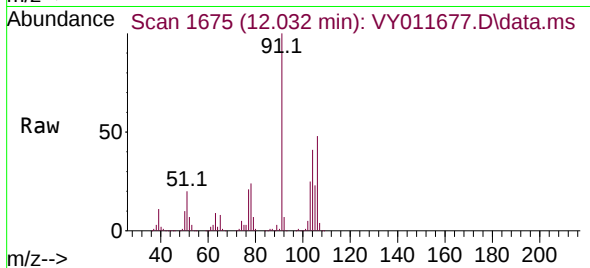
ClientSampleId :

Tgt Ion:106 Resp: 77652

Ion Ratio Lower Upper

106 100

91 213.6 110.3 331.0



#70

Styrene

Concen: 21.486 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

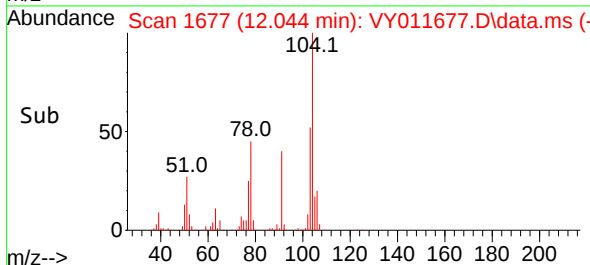
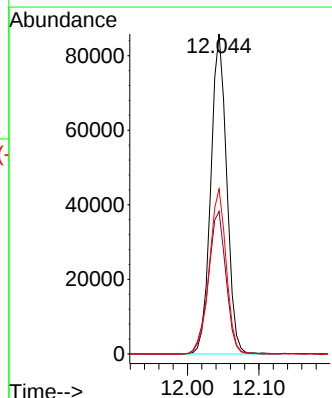
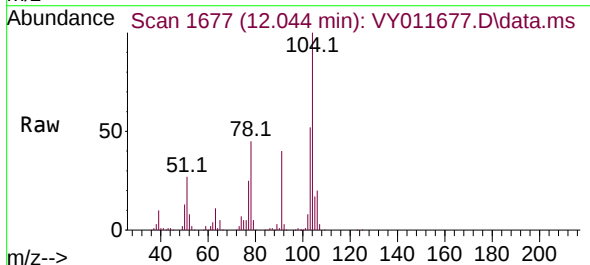
Tgt Ion:104 Resp: 132553

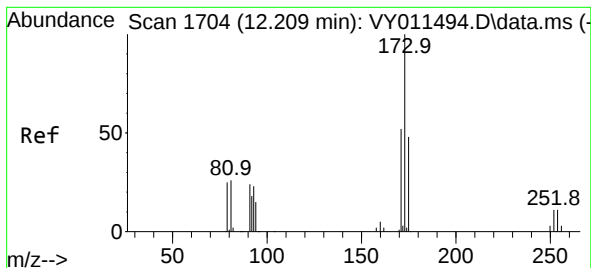
Ion Ratio Lower Upper

104 100

78 49.5 42.4 63.6

103 54.8 44.4 66.6





#71

Bromoform

Concen: 19.920 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

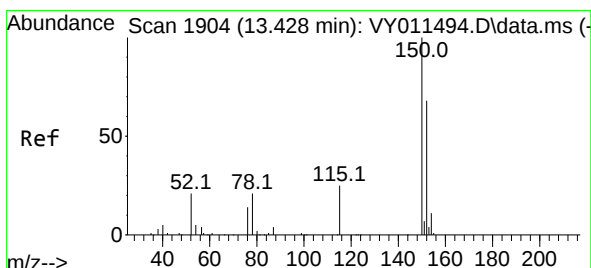
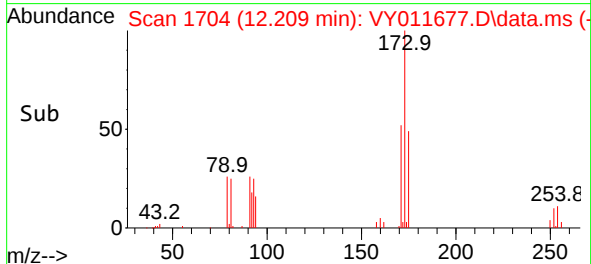
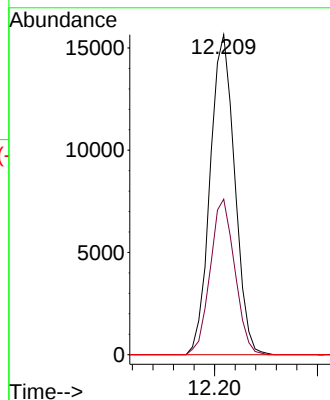
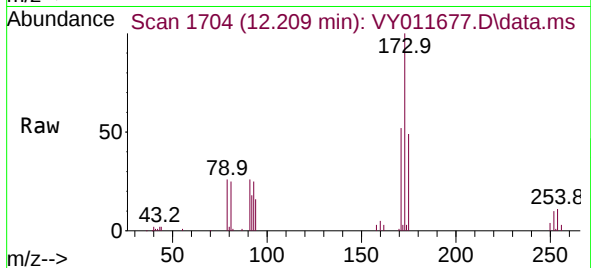
Tgt Ion:173 Resp: 25942

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

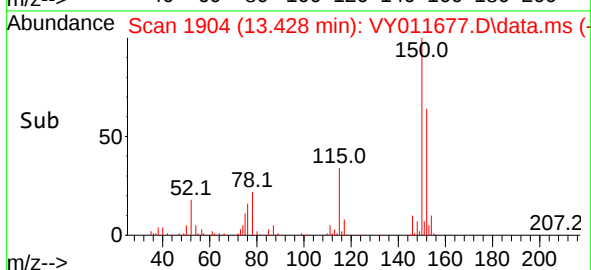
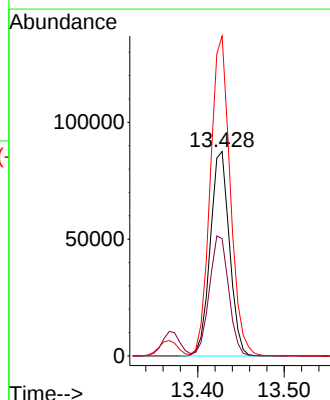
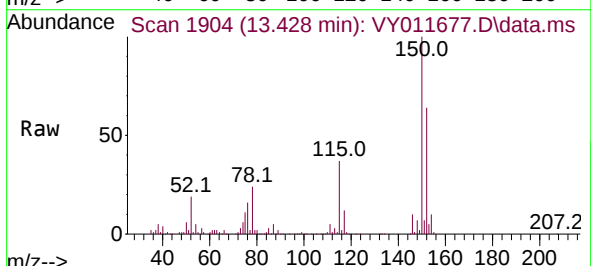
Tgt Ion:152 Resp: 134634

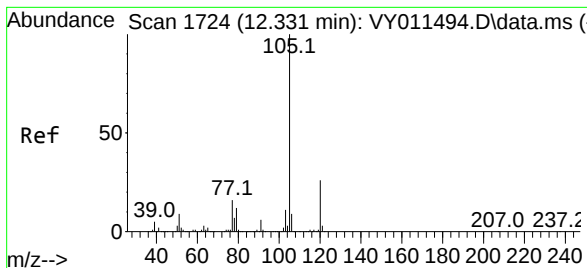
Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 162.4 0.0 347.6





#73

Isopropylbenzene

Concen: 22.061 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

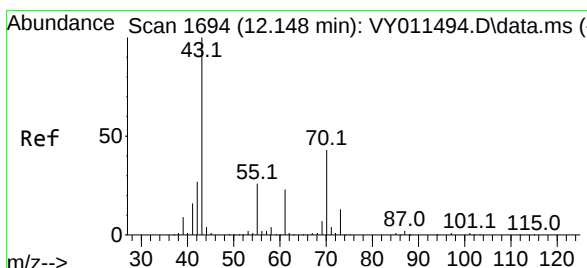
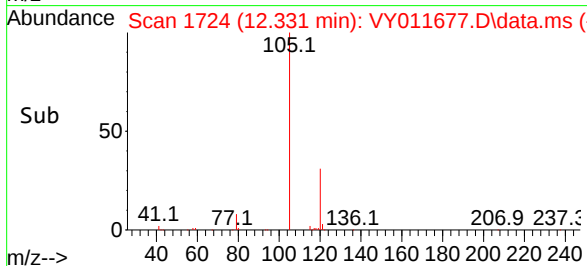
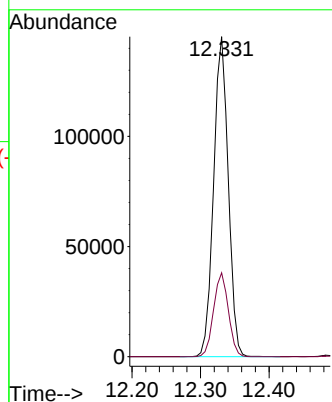
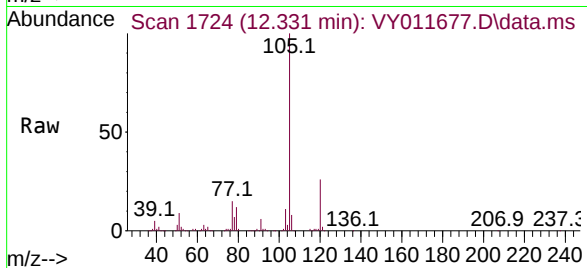
ClientSampleId :

Tgt Ion:105 Resp: 214807

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 19.620 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Tgt Ion: 43 Resp: 47176

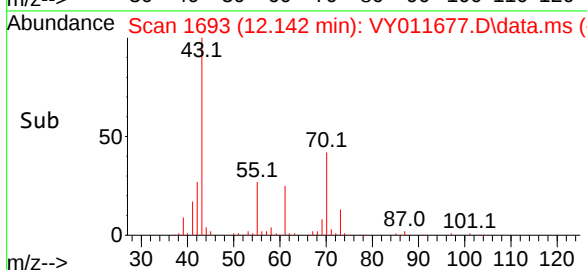
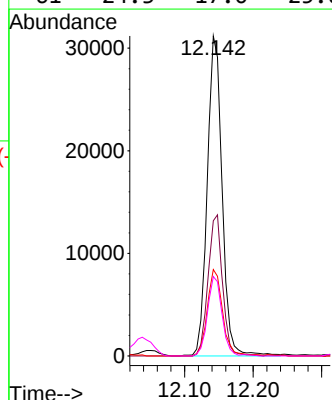
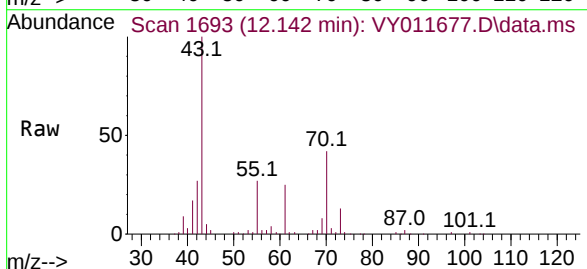
Ion Ratio Lower Upper

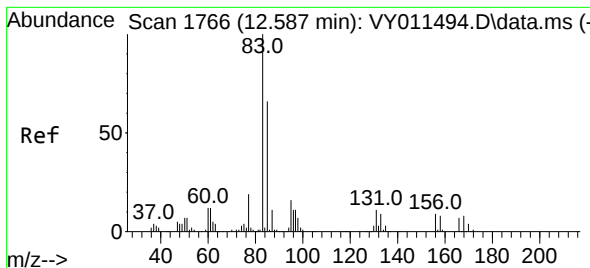
43 100

70 42.7 28.7 43.1

55 27.9 17.3 25.9#

61 24.3 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.105 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

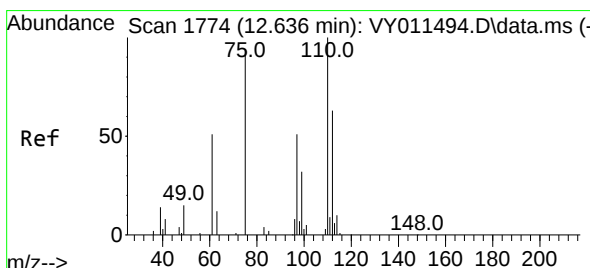
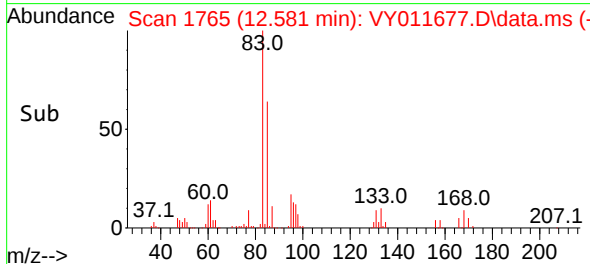
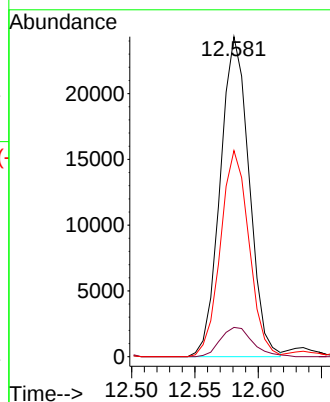
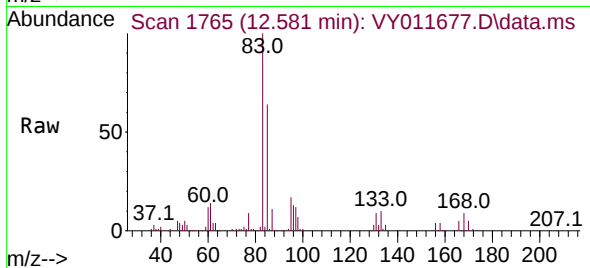
Tgt Ion: 83 Resp: 38575

Ion Ratio Lower Upper

83 100

131 10.3 5.6 16.8

85 63.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 36.640 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY011677.D

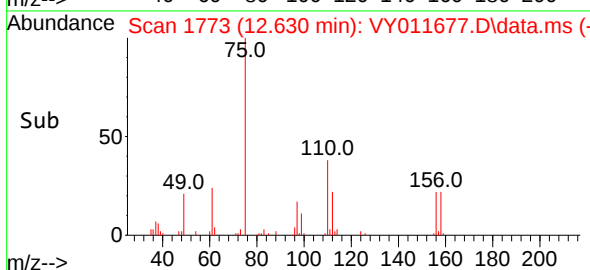
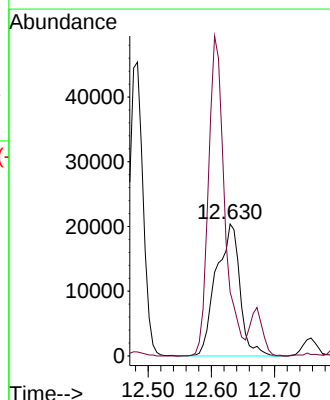
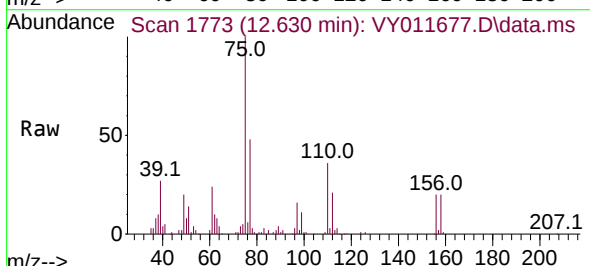
Acq: 02 Dec 2022 12:50

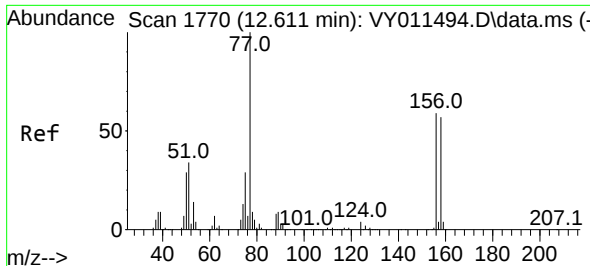
Tgt Ion: 75 Resp: 53125

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

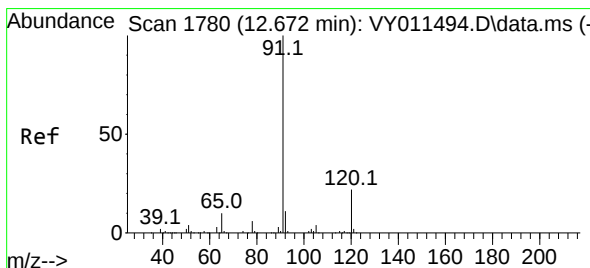
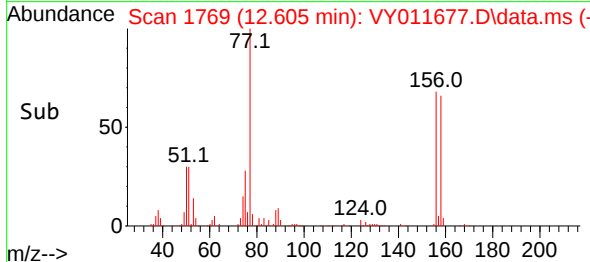
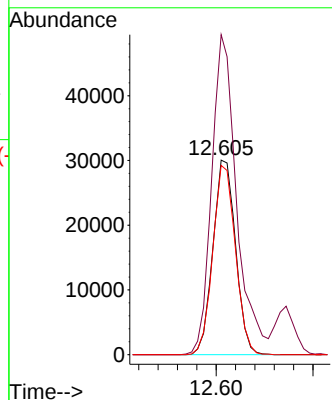
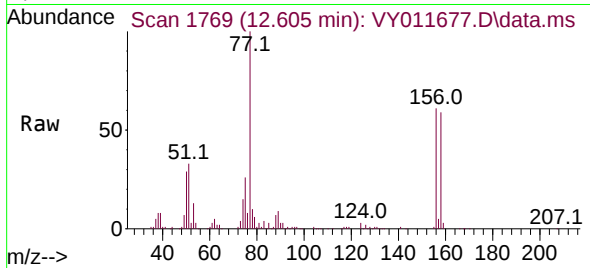




#77
Bromobenzene
Concen: 21.496 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

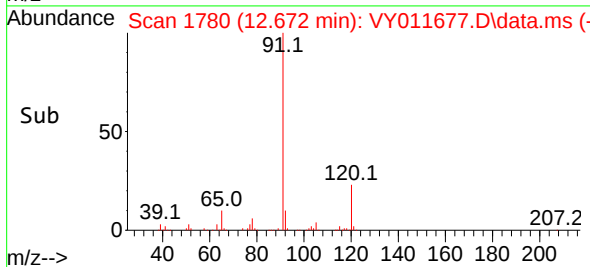
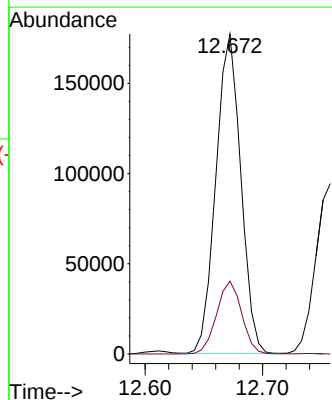
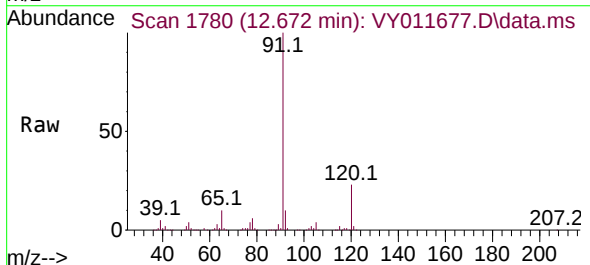
Instrument :
MSVOA_Y
ClientSampleId :

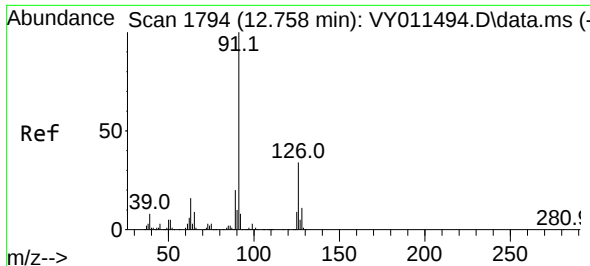
Tgt Ion:156 Resp: 48874
Ion Ratio Lower Upper
156 100
77 181.0 95.5 286.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 21.912 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 91 Resp: 260299
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 21.844 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

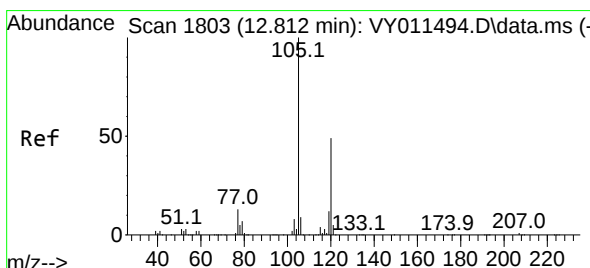
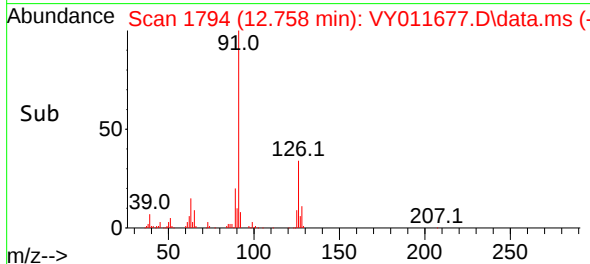
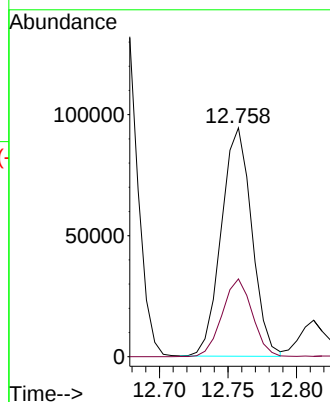
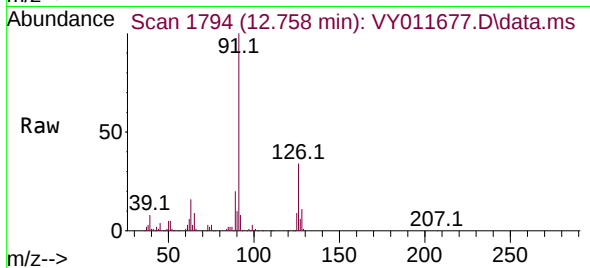
ClientSampleId :

Tgt Ion: 91 Resp: 146257

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 22.173 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY011677.D

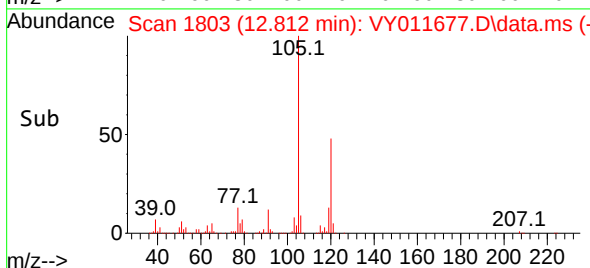
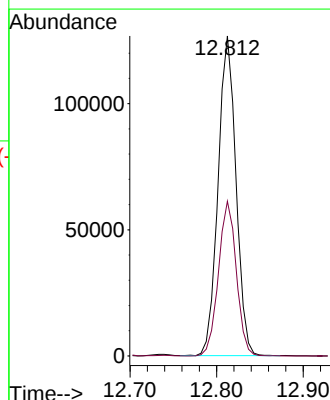
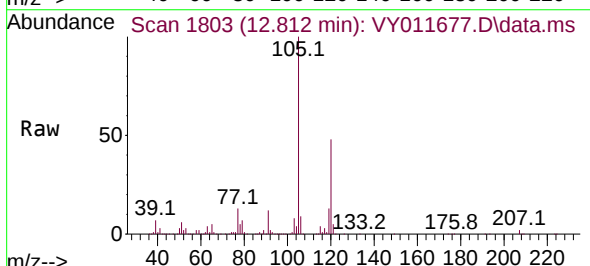
Acq: 02 Dec 2022 12:50

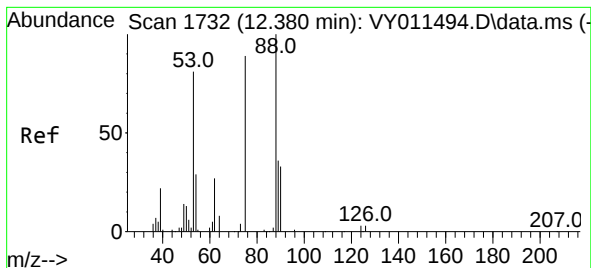
Tgt Ion: 105 Resp: 181996

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4

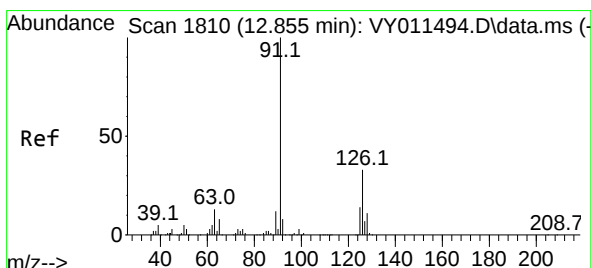
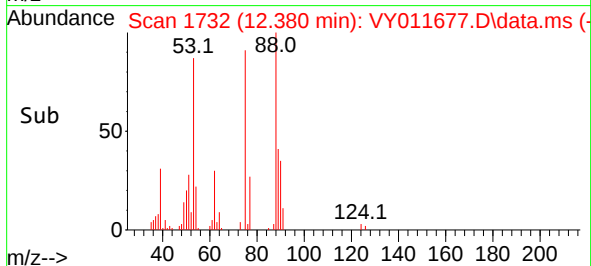
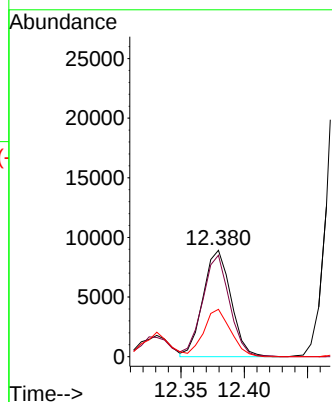
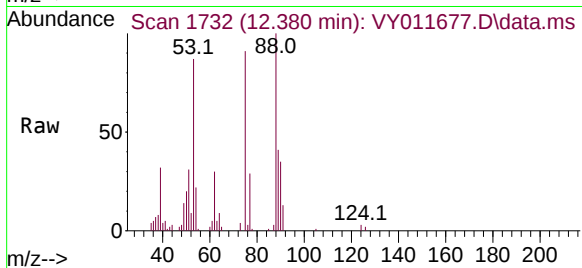




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.675 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY011677.D
 Acq: 02 Dec 2022 12:50

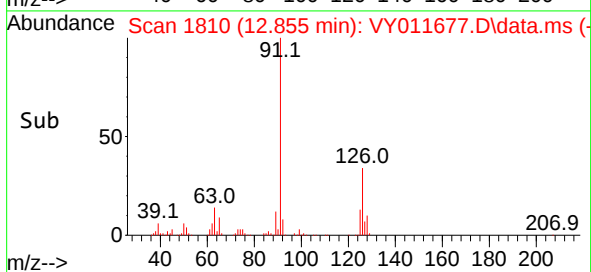
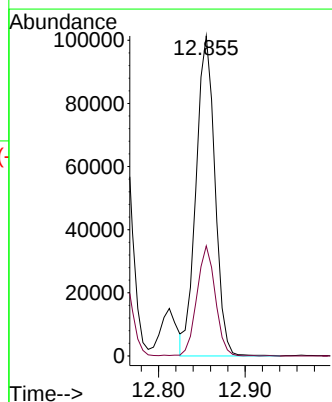
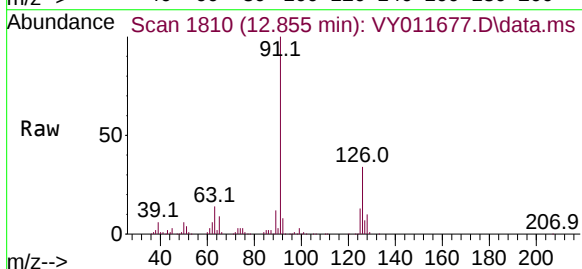
Instrument :
 MSVOA_Y
 ClientSampleId :

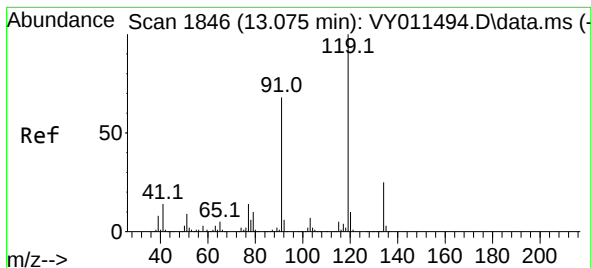
Tgt Ion: 75 Resp: 13686
 Ion Ratio Lower Upper
 75 100
 53 92.4 85.3 127.9
 89 42.8 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 21.856 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY011677.D
 Acq: 02 Dec 2022 12:50

Tgt Ion: 91 Resp: 153016
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 21.948 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

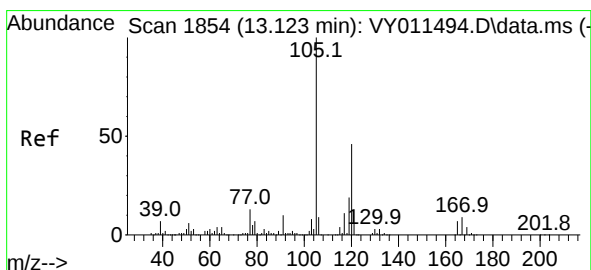
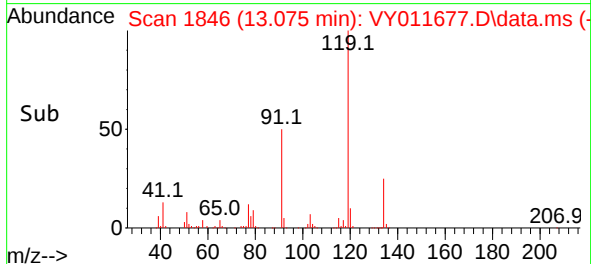
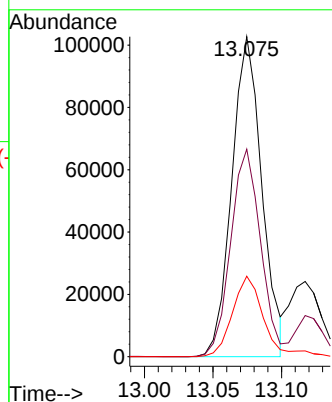
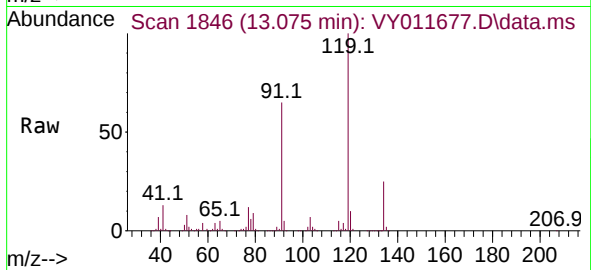
Tgt Ion:119 Resp: 156911

Ion Ratio Lower Upper

119 100

91 64.4 34.8 104.4

134 26.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 22.035 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY011677.D

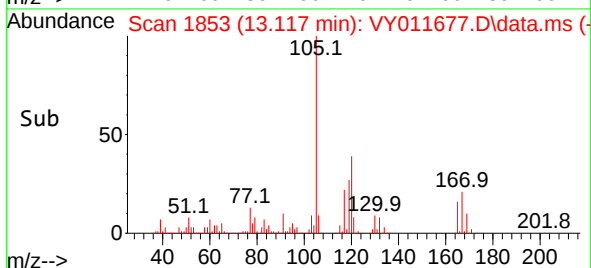
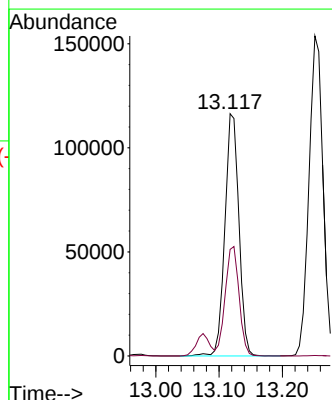
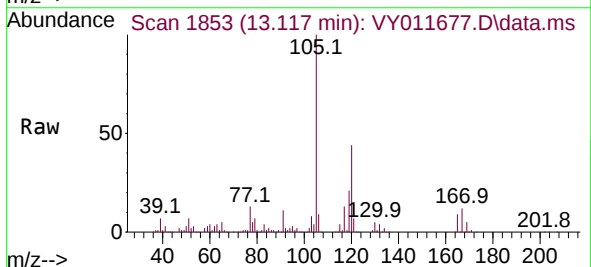
Acq: 02 Dec 2022 12:50

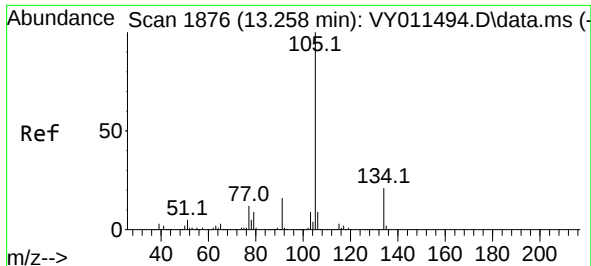
Tgt Ion:105 Resp: 178631

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9

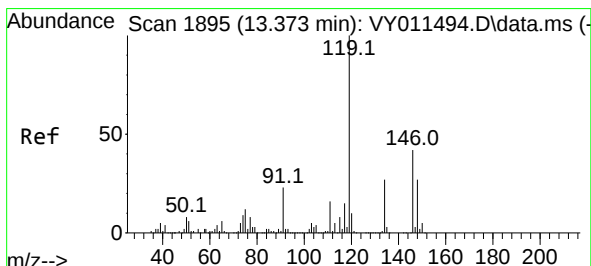
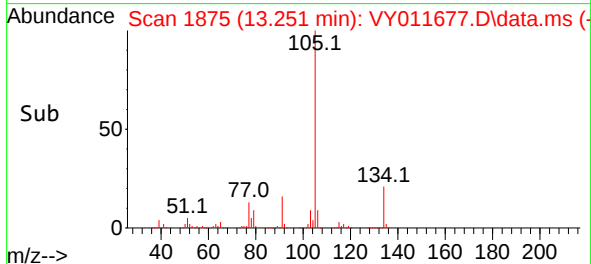
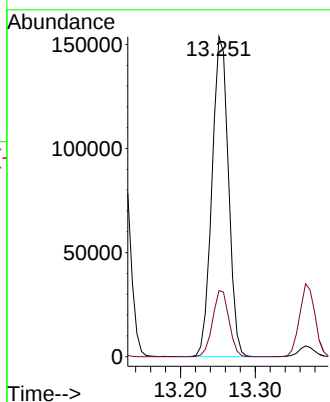
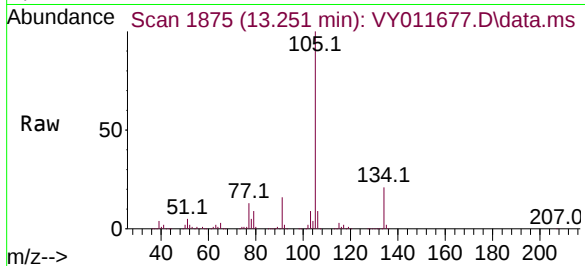




#85
 sec-Butylbenzene
 Concen: 22.055 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.007 min
 Lab File: VY011677.D
 Acq: 02 Dec 2022 12:50

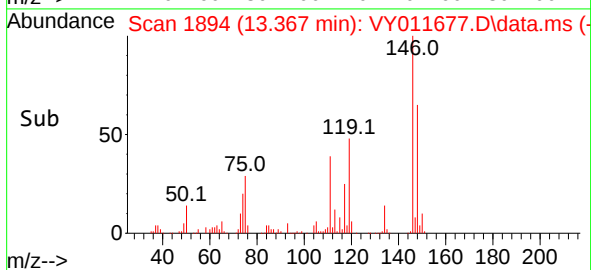
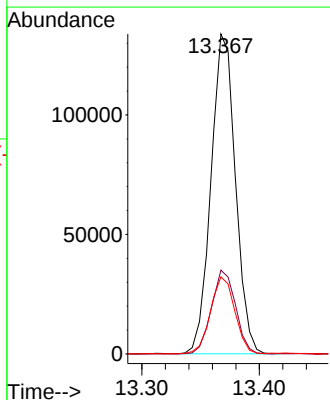
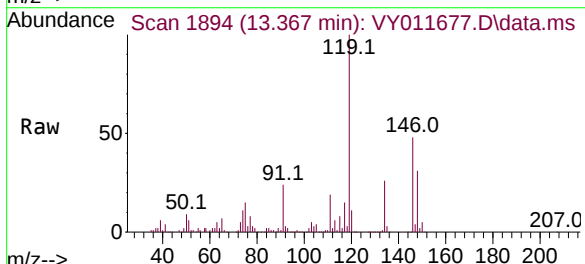
Instrument :
 MSVOA_Y
 ClientSampleId :

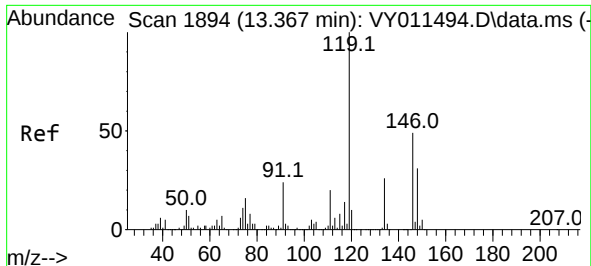
Tgt Ion:105 Resp: 235268
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.711 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY011677.D
 Acq: 02 Dec 2022 12:50

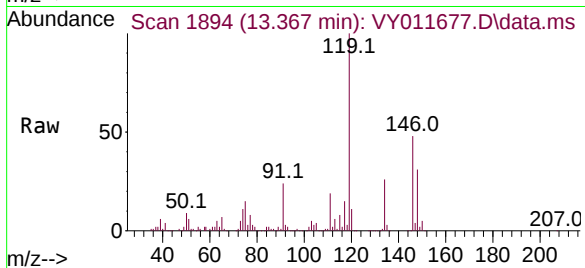
Tgt Ion:119 Resp: 193283
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 23.8 12.4 37.2



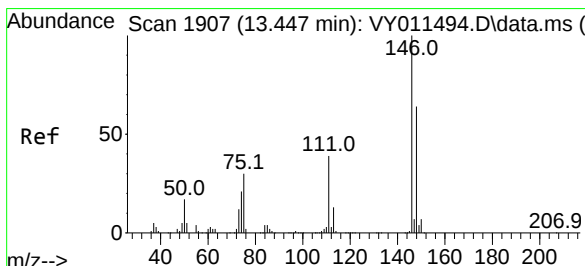
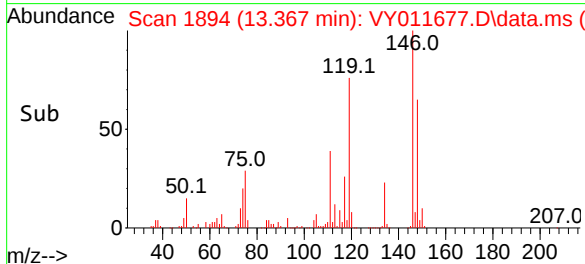
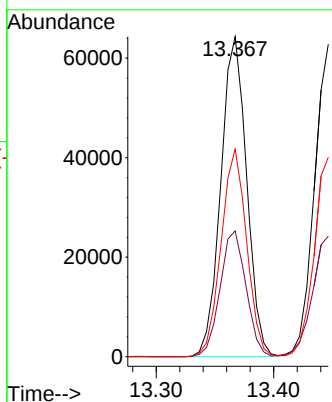


#87
1,3-Dichlorobenzene
Concen: 21.241 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

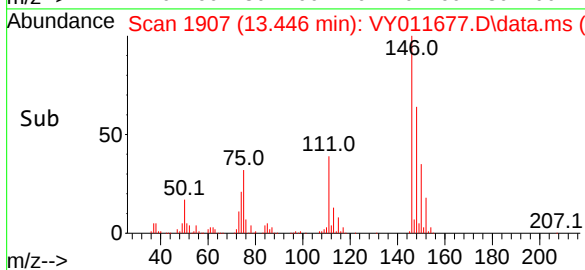
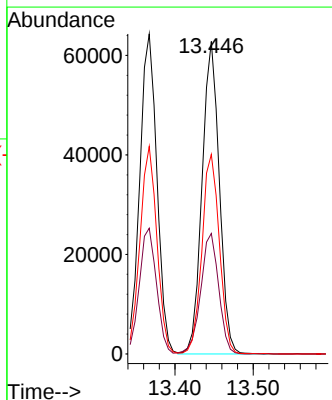
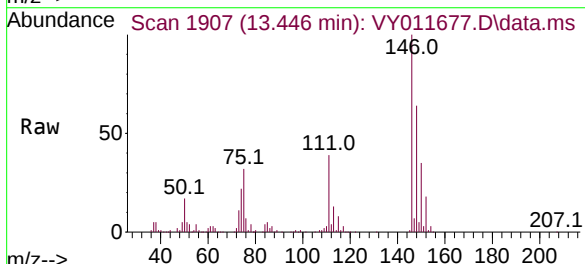


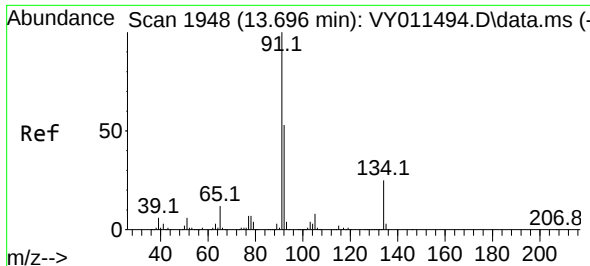
Tgt Ion:146 Resp: 98308
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 64.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.715 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion:146 Resp: 95869
Ion Ratio Lower Upper
146 100
111 40.3 19.3 57.8
148 64.5 32.6 97.8

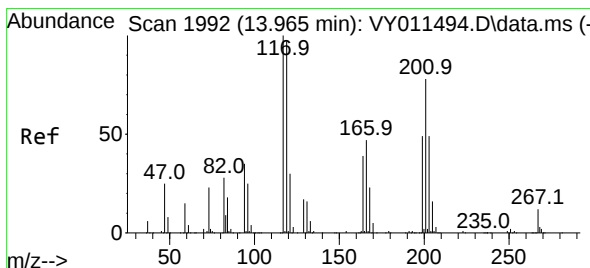
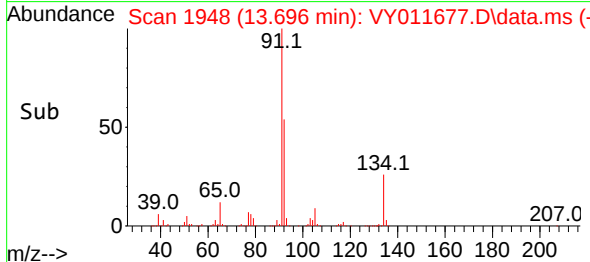
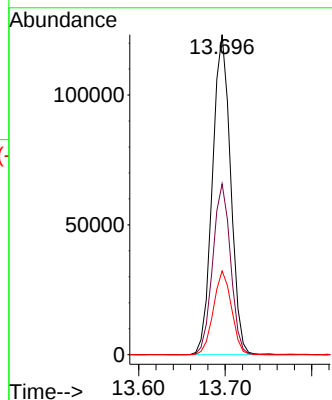
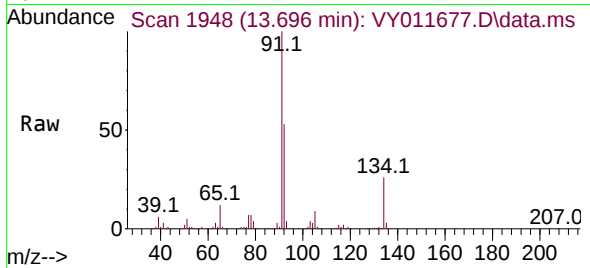




#89
n-Butylbenzene
Concen: 21.961 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

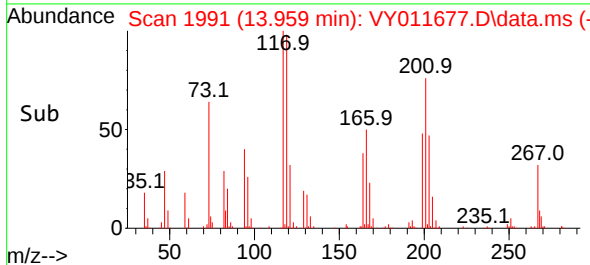
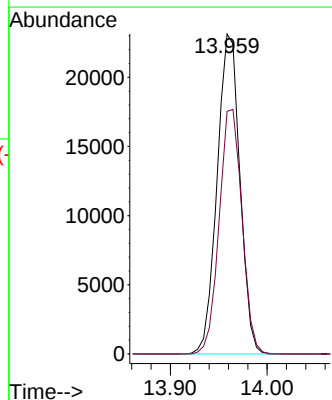
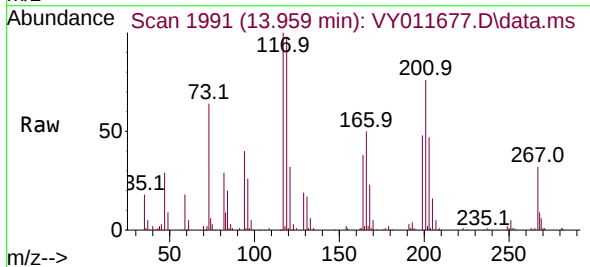
Instrument :
MSVOA_Y
ClientSampleId :

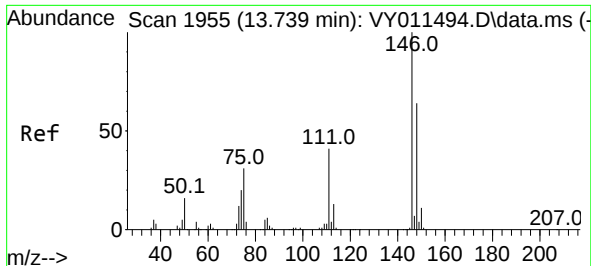
Tgt Ion: 91 Resp: 179722
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 21.017 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY011677.D
Acq: 02 Dec 2022 12:50

Tgt Ion: 117 Resp: 37783
Ion Ratio Lower Upper
117 100
201 76.5 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 21.144 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011677.D

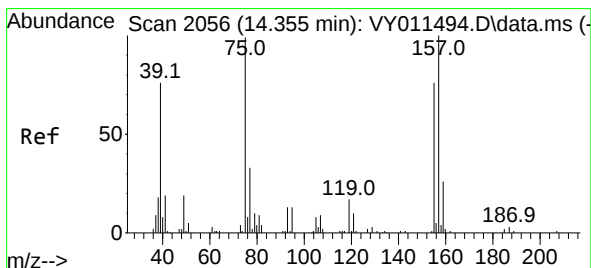
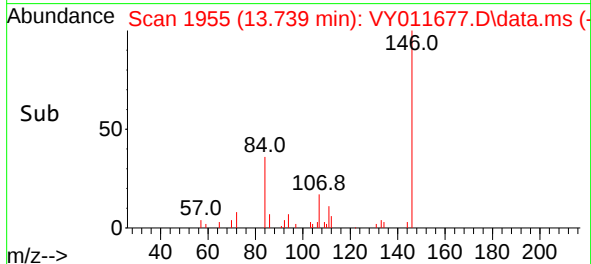
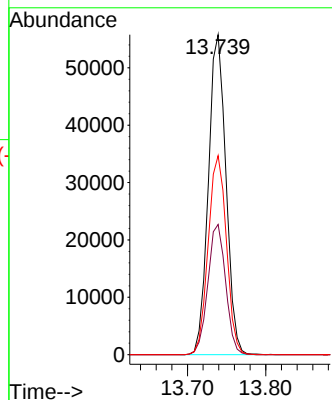
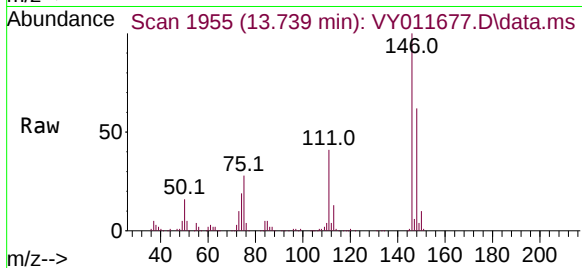
Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	86746
Ion	Ratio	Lower Upper
146	100	
111	41.3	20.3 60.9
148	64.4	32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.672 ug/l

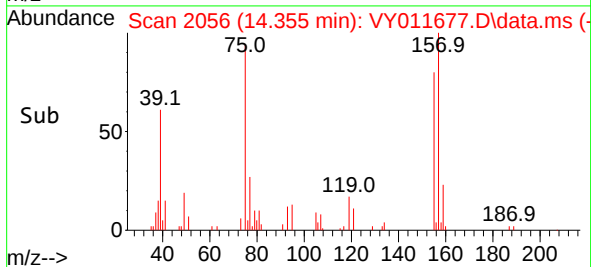
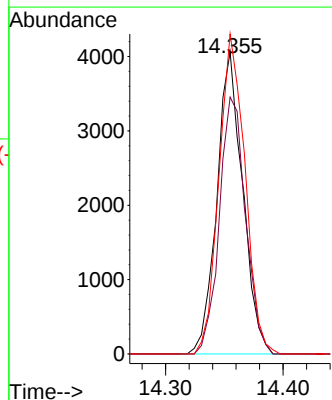
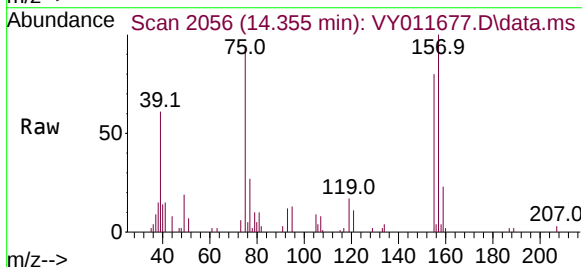
RT: 14.355 min Scan# 2056

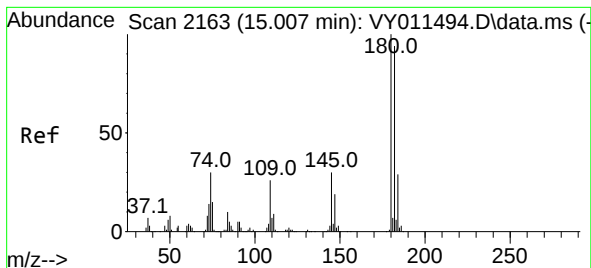
Delta R.T. -0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Tgt Ion: 75	Resp:	6190
Ion	Ratio	Lower Upper
75	100	
155	86.3	38.0 113.9
157	107.0	47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 21.713 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

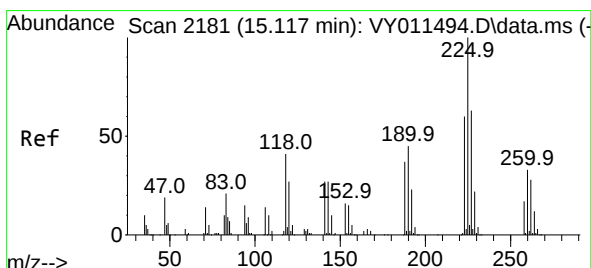
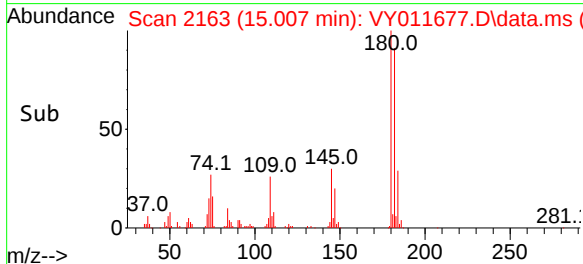
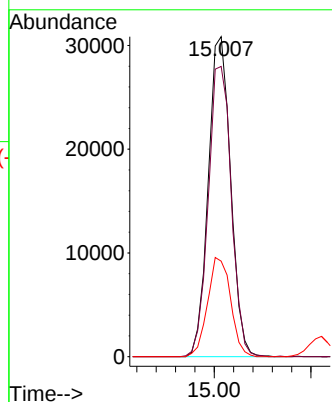
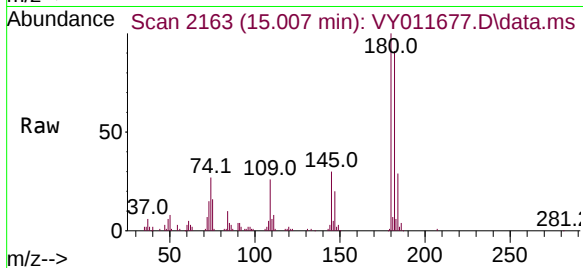
Tgt Ion:180 Resp: 49410

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.9

145 32.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 22.658 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

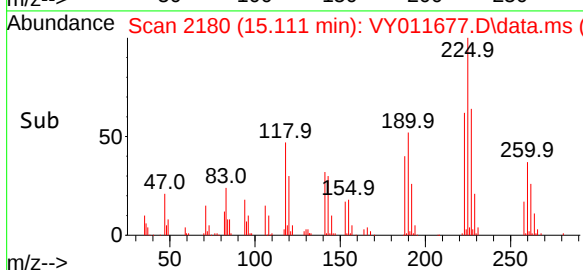
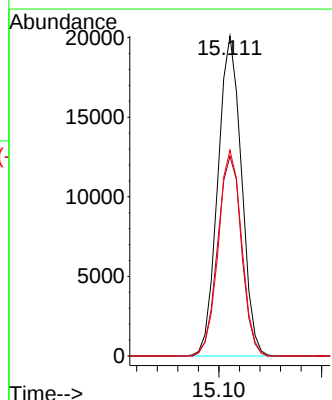
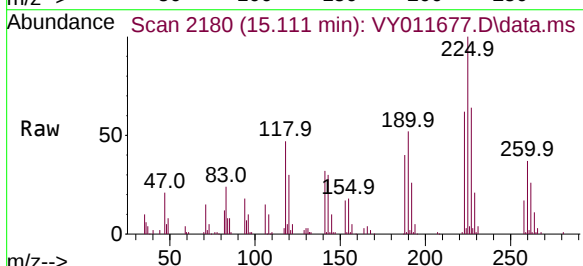
Tgt Ion:225 Resp: 32050

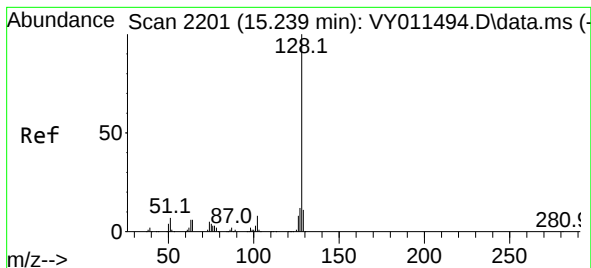
Ion Ratio Lower Upper

225 100

223 62.7 30.8 92.3

227 63.4 31.6 94.7





#95

Naphthalene

Concen: 20.806 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

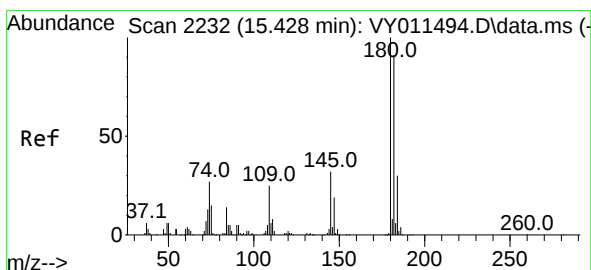
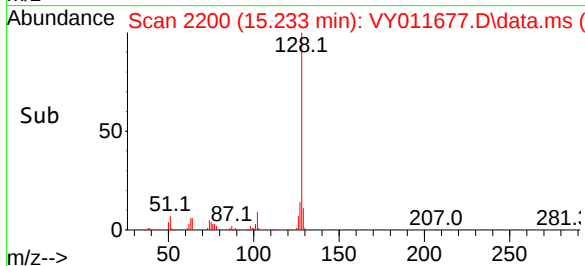
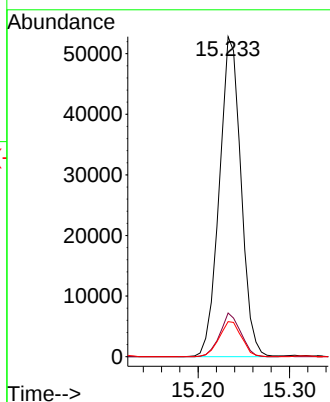
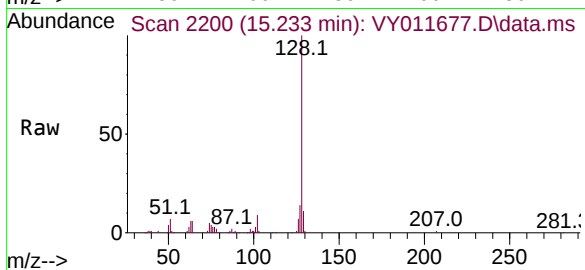
Tgt Ion:128 Resp: 87077

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.992 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY011677.D

Acq: 02 Dec 2022 12:50

Tgt Ion:180 Resp: 40938

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 32.9 15.3 45.9

