

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011676.D
 Acq On : 02 Dec 2022 12:27
 Operator : KP/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 02 23:50:26 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	127447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71828	55.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.000%	
35) Dibromofluoromethane	7.716	113	69222	54.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.179	98	232606	50.400	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.483	95	94238	55.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21645	28.517	ug/l	92
3) Chloromethane	2.113	50	24497	19.945	ug/l	95
4) Vinyl Chloride	2.253	62	27865	19.330	ug/l	96
5) Bromomethane	2.650	94	20544	19.923	ug/l	99
6) Chloroethane	2.796	64	18706	18.599	ug/l	94
7) Trichlorofluoromethane	3.125	101	47716	22.567	ug/l	96
8) Diethyl Ether	3.527	74	15694	22.965	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	27033	22.110	ug/l	97
10) Methyl Iodide	4.094	142	30369	21.319	ug/l	96
11) Tert butyl alcohol	4.948	59	17778	110.056	ug/l	99
12) 1,1-Dichloroethene	3.875	96	25106	22.416	ug/l	88
13) Acrolein	3.735	56	4645	136.129	ug/l	95
14) Allyl chloride	4.479	41	42393	21.562	ug/l #	92
15) Acrylonitrile	5.161	53	42680	114.344	ug/l	99
16) Acetone	3.942	43	45999	109.432	ug/l #	89
17) Carbon Disulfide	4.198	76	66632	21.466	ug/l	99
18) Methyl Acetate	4.479	43	24944	24.414	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	73607	23.028	ug/l	96
20) Methylene Chloride	4.716	84	39477	18.217	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	28650	22.137	ug/l	89
22) Diisopropyl ether	6.118	45	93960	21.893	ug/l	97
23) Vinyl Acetate	6.064	43	268188	107.277	ug/l	96
24) 1,1-Dichloroethane	6.021	63	55548	22.044	ug/l	99
25) 2-Butanone	6.990	43	60175	108.929	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	49655	21.351	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	33236	21.813	ug/l	93
28) Bromochloromethane	7.332	49	20359	20.112	ug/l	91
29) Tetrahydrofuran	7.350	42	34257	109.807	ug/l	93
30) Chloroform	7.508	83	58939	22.555	ug/l	98
31) Cyclohexane	7.789	56	42999	20.046	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	51151	21.881	ug/l	98
36) 1,1-Dichloropropene	7.917	75	40066	20.182	ug/l	96
37) Ethyl Acetate	7.076	43	24003	21.233	ug/l #	95
38) Carbon Tetrachloride	7.899	117	46203	20.802	ug/l	96
39) Methylcyclohexane	9.185	83	45194	20.399	ug/l	93
40) Benzene	8.161	78	122275	21.144	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	32416	56.714	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	38612	21.590	ug/l	94
43) Isopropyl Acetate	8.271	43	41515	20.357	ug/l #	90
44) Trichloroethene	8.941	130	32056	20.602	ug/l	95
45) 1,2-Dichloropropane	9.215	63	31515	21.321	ug/l	100
46) Dibromomethane	9.307	93	17849	21.596	ug/l	96
47) Bromodichloromethane	9.496	83	44727	21.484	ug/l	99
48) Methyl methacrylate	9.295	41	18699	20.643	ug/l #	89
49) 1,4-Dioxane	9.295	88	4615	450.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	116903	103.120	ug/l	92
52) Toluene	10.246	92	77332	21.147	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	43984	21.136	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	50389	21.524	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	26494	22.406	ug/l	97
56) Ethyl methacrylate	10.508	69	31708	21.561	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	43403	21.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	73600	102.190	ug/l	95
59) 2-Hexanone	10.831	43	84380	104.286	ug/l	92
60) Dibromochloromethane	10.983	129	31857	21.984	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23456	21.733	ug/l	97
64) Tetrachloroethene	10.721	164	32289	20.436	ug/l	98
65) Chlorobenzene	11.514	112	84071	20.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32050	21.062	ug/l	97
67) Ethyl Benzene	11.593	91	145545	20.077	ug/l	99
68) m/p-Xylenes	11.703	106	113894	41.272	ug/l	96
69) o-Xylene	12.032	106	52787	20.546	ug/l	97
70) Styrene	12.044	104	90537	20.644	ug/l	97
71) Bromoform	12.209	173	19577	21.147	ug/l #	99
73) Isopropylbenzene	12.331	105	143583	19.984	ug/l	99
74) N-amyl acetate	12.142	43	34796	19.611	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	28748	20.305	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	40044	37.429	ug/l #	100
77) Bromobenzene	12.611	156	34093	20.321	ug/l	98
78) n-propylbenzene	12.672	91	176503	20.136	ug/l	99
79) 2-Chlorotoluene	12.758	91	102760	20.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	127319	21.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9908	20.284	ug/l	94
82) 4-Chlorotoluene	12.855	91	107112	20.734	ug/l	99
83) tert-Butylbenzene	13.075	119	104913	19.887	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	124964	20.891	ug/l	100
85) sec-Butylbenzene	13.251	105	159711	20.291	ug/l	99
86) p-Isopropyltoluene	13.367	119	134330	20.449	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	70584	20.668	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	69667	20.401	ug/l	97
89) n-Butylbenzene	13.696	91	121342	20.094	ug/l	100
90) Hexachloroethane	13.959	117	26669	20.104	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	62950	20.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5048	21.741	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	34404	20.489	ug/l	99
94) Hexachlorobutadiene	15.111	225	22847	21.889	ug/l	100
95) Naphthalene	15.239	128	63483	20.604	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	30091	20.911	ug/l	98

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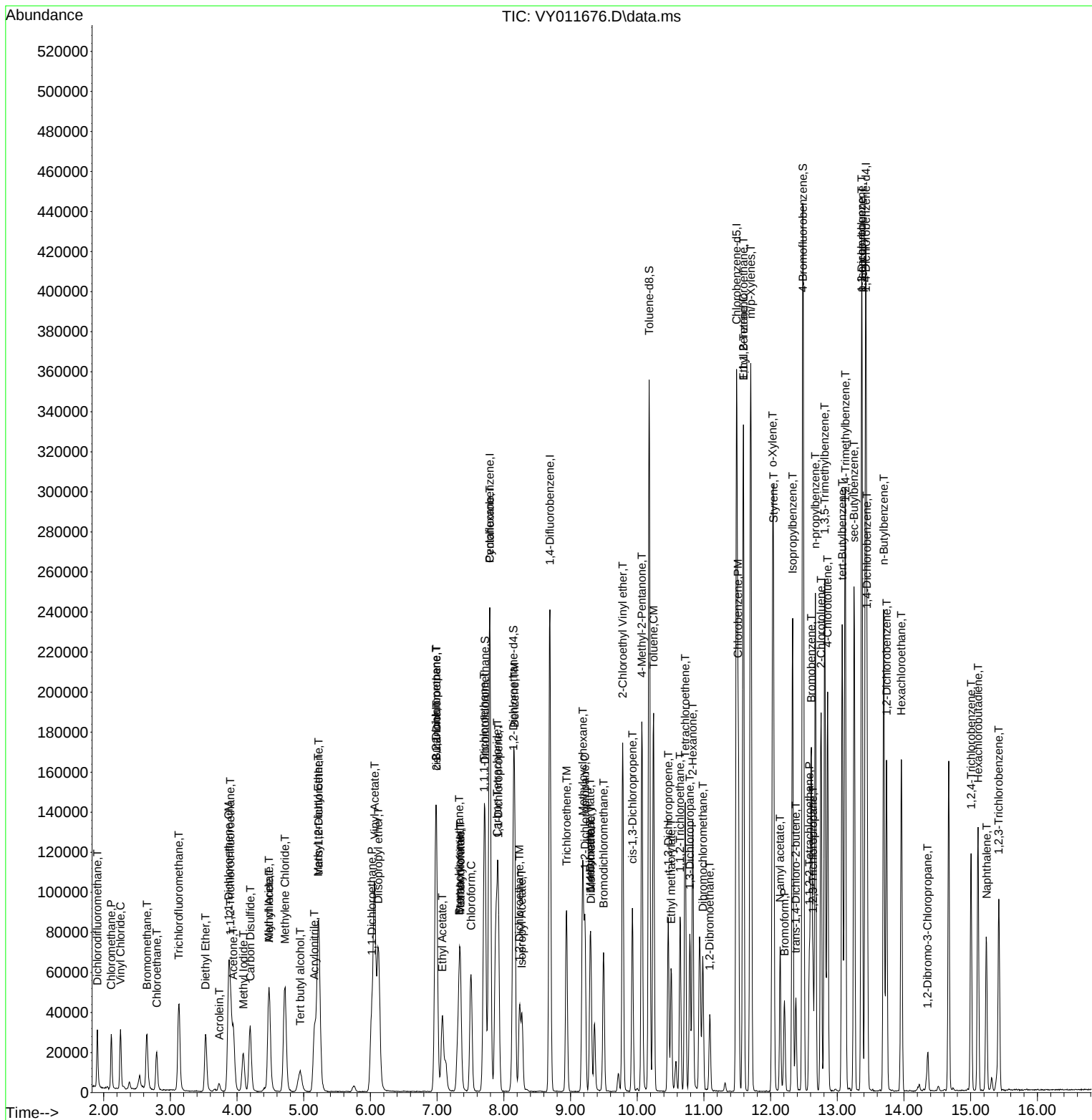
Instrument :
MSVOA_Y
ClientSampleId :

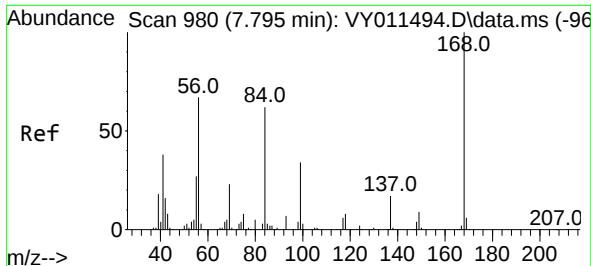
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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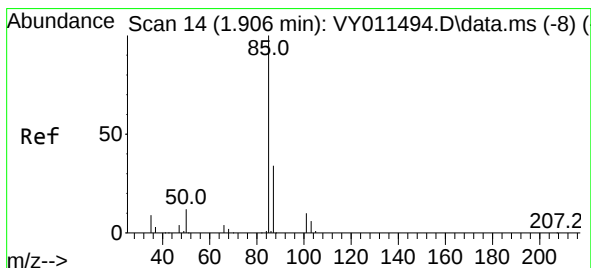
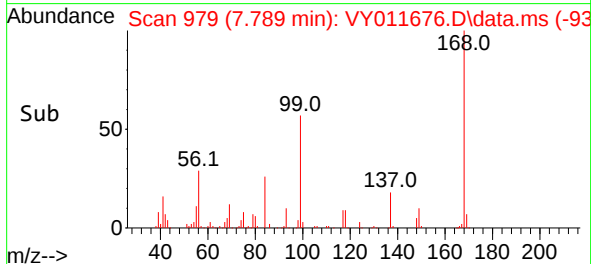
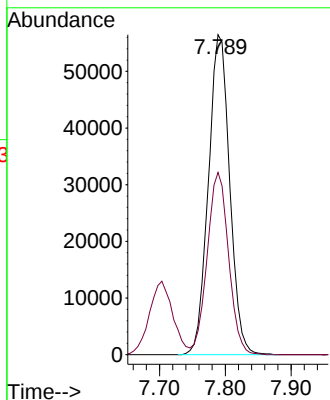
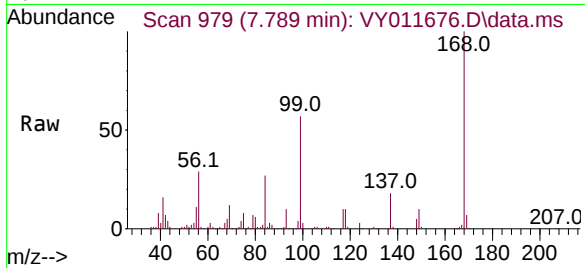




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011676.D
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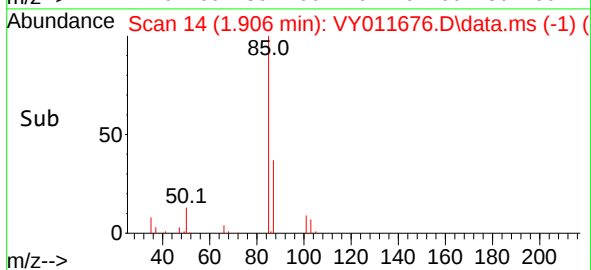
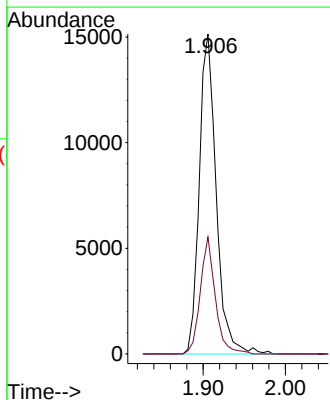
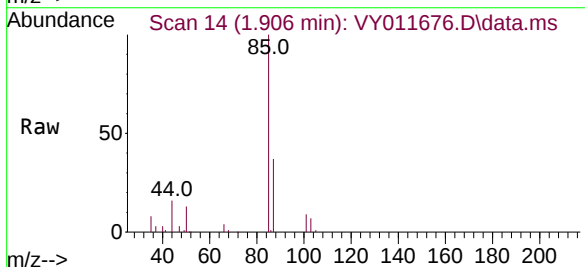
Instrument :
MSVOA_Y
ClientSampleId :

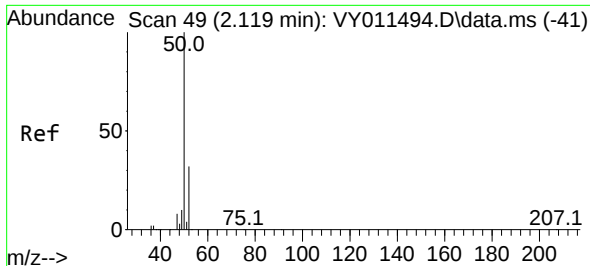
Tgt Ion:168 Resp: 127447
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 28.517 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 85 Resp: 21645
Ion Ratio Lower Upper
85 100
87 36.5 16.1 48.2

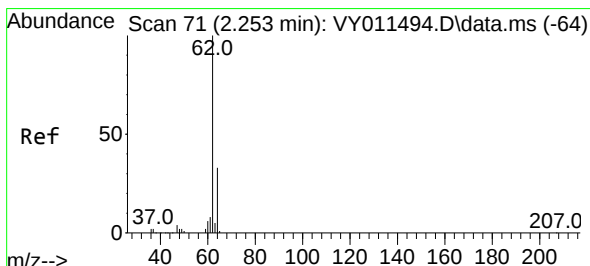
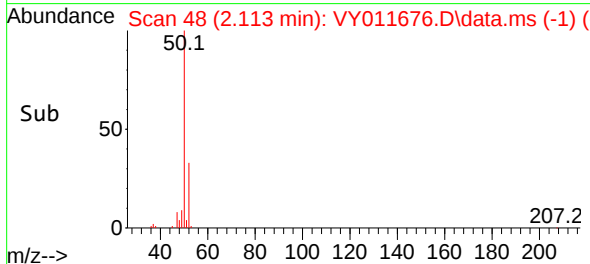
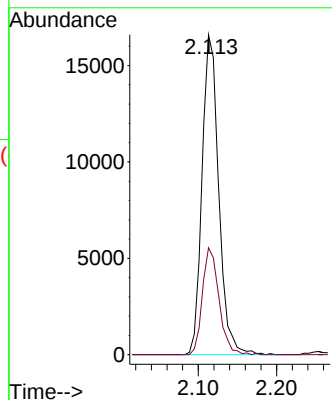
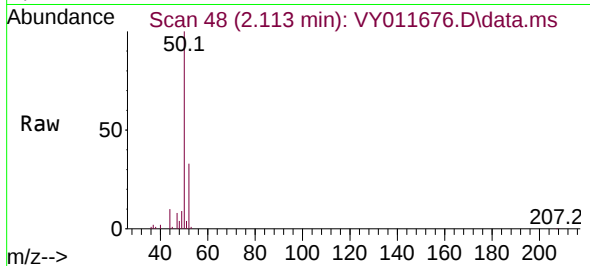




#3
Chloromethane
Concen: 19.945 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

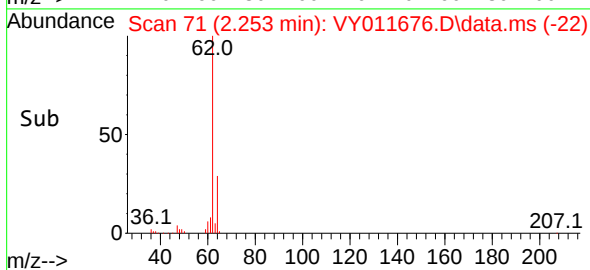
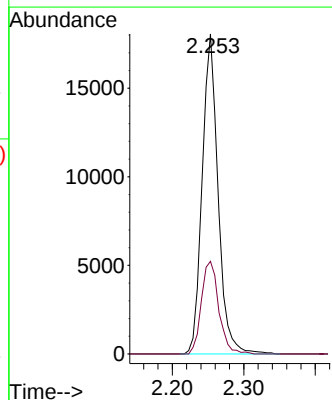
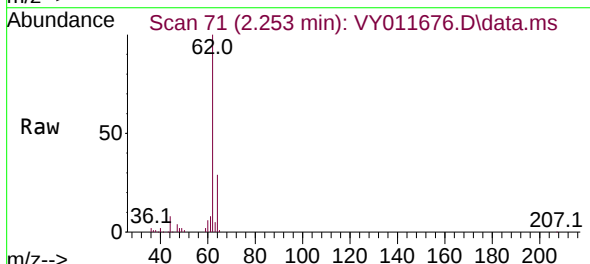
Instrument :
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ClientSampleId :

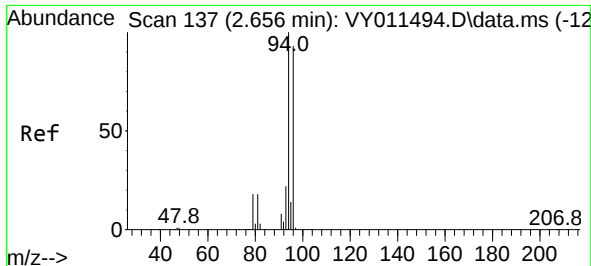
Tgt Ion: 50 Resp: 24497
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0



#4
Vinyl Chloride
Concen: 19.330 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

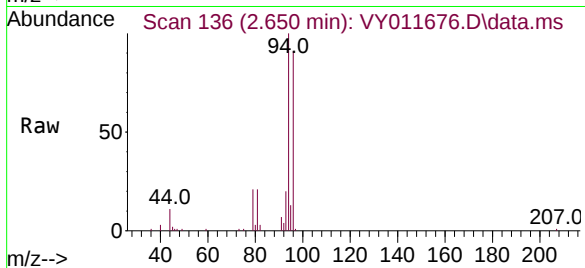
Tgt Ion: 62 Resp: 27865
Ion Ratio Lower Upper
62 100
64 28.9 25.0 37.6



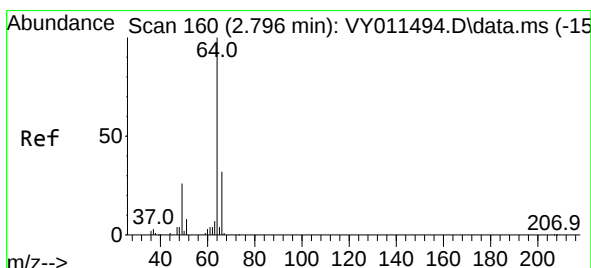
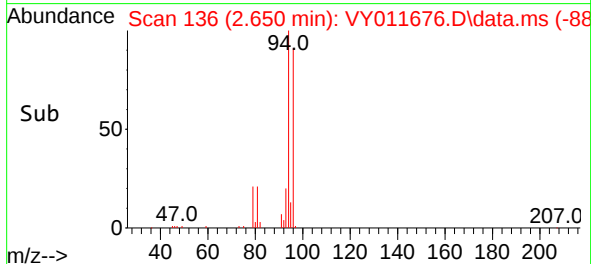
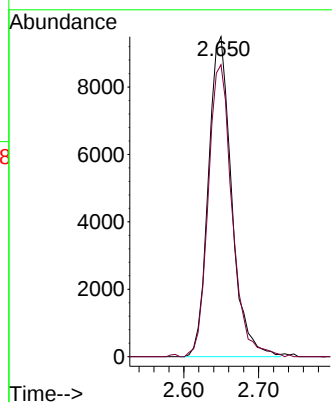


#5
Bromomethane
Concen: 19.923 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
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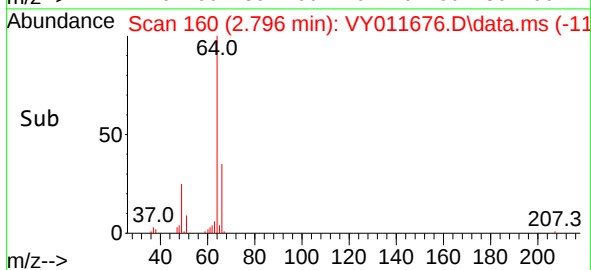
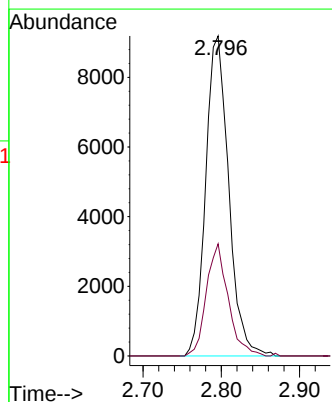
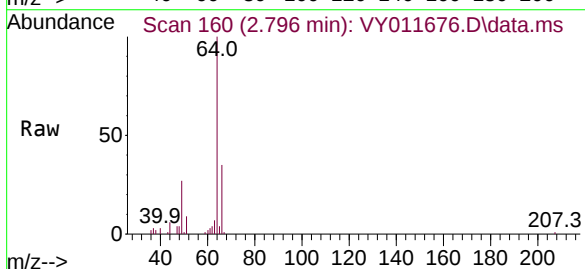


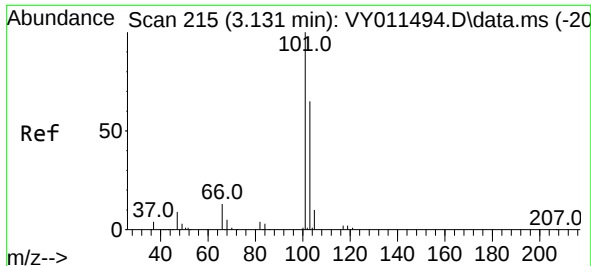
Tgt Ion: 94 Resp: 20544
Ion Ratio Lower Upper
94 100
96 91.2 73.5 110.3



#6
Chloroethane
Concen: 18.599 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

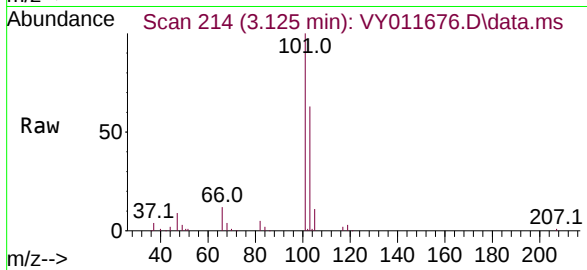
Tgt Ion: 64 Resp: 18706
Ion Ratio Lower Upper
64 100
66 35.0 25.4 38.0



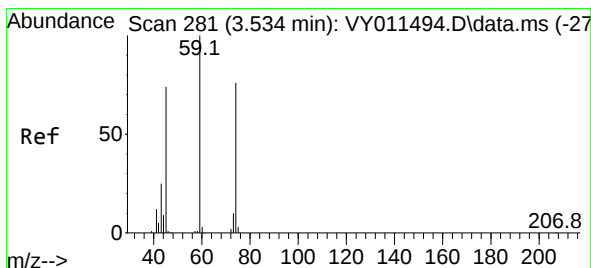
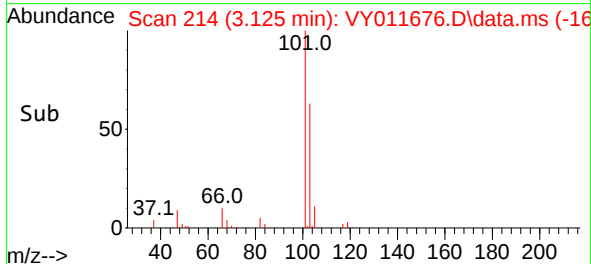
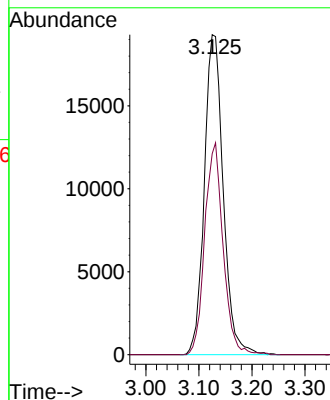


#7
 Trichlorofluoromethane
 Concen: 22.567 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

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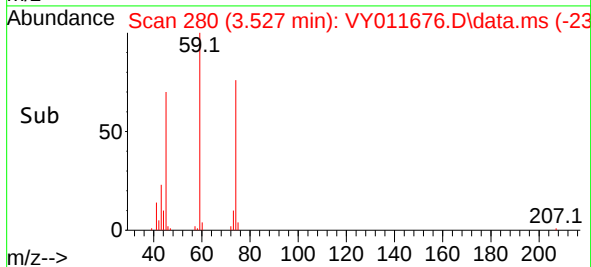
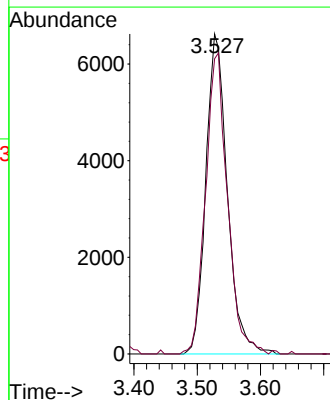
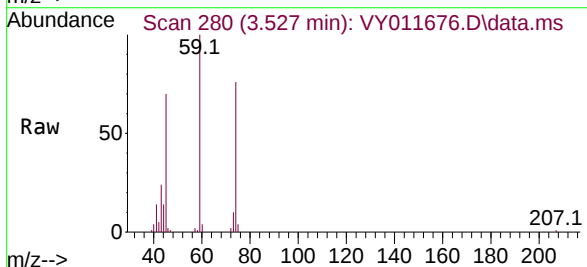


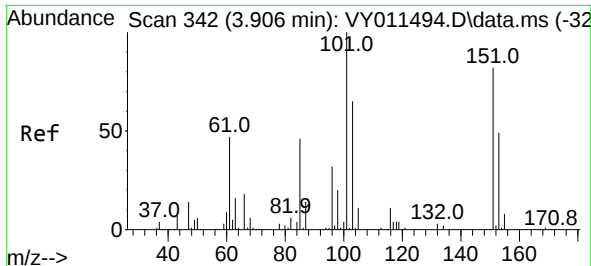
Tgt Ion:101 Resp: 47716
 Ion Ratio Lower Upper
 101 100
 103 62.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 22.965 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.007 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

Tgt Ion: 74 Resp: 15694
 Ion Ratio Lower Upper
 74 100
 45 96.0 55.1 165.5

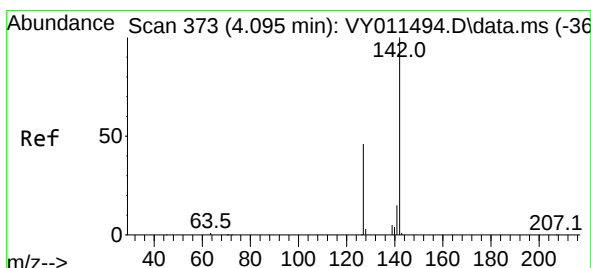
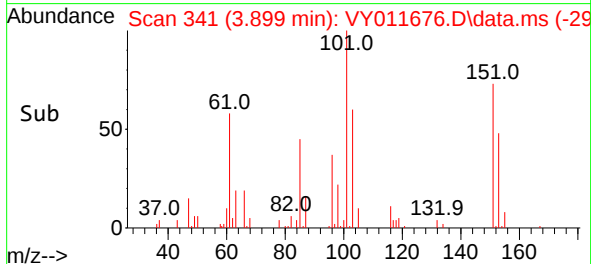
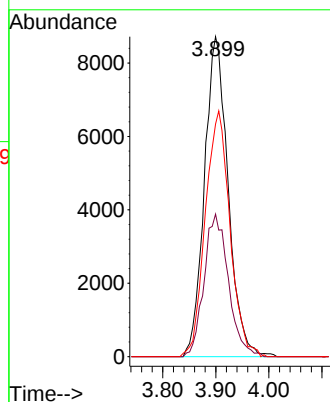
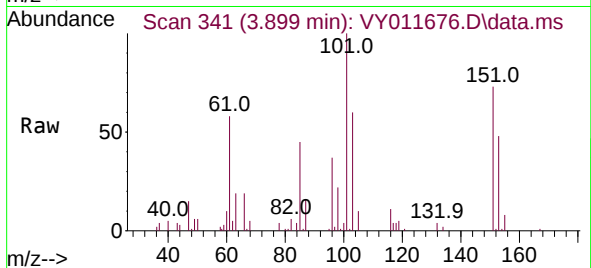




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.110 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.007 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

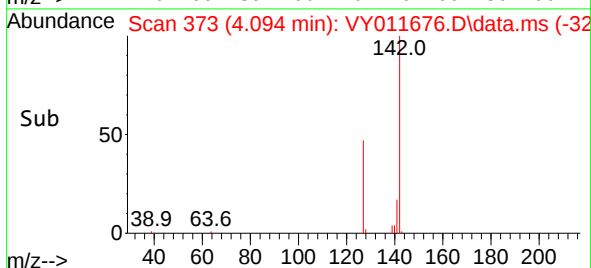
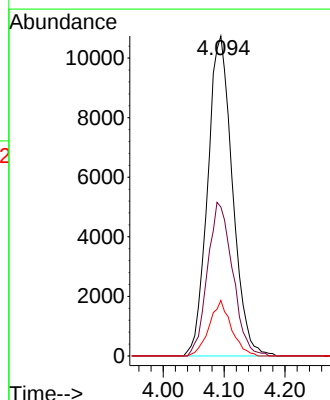
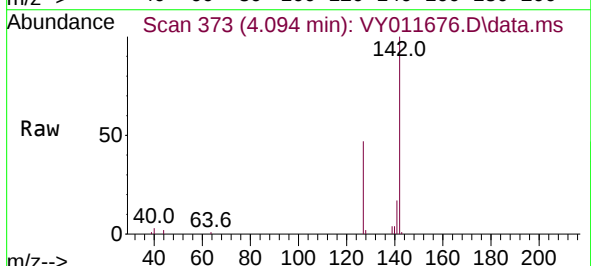
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101	Resp:	27033
Ion	Ratio	Lower Upper
101	100	
85	45.8	40.6 60.8
151	80.1	64.9 97.3



#10
Methyl Iodide
Concen: 21.319 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion:142	Resp:	30369
Ion	Ratio	Lower Upper
142	100	
127	48.6	41.5 62.3
141	15.5	11.9 17.9

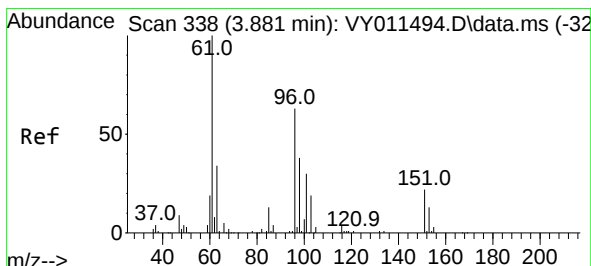
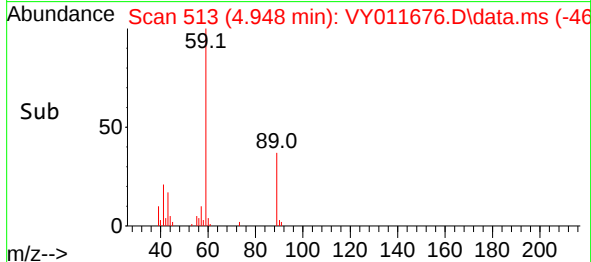
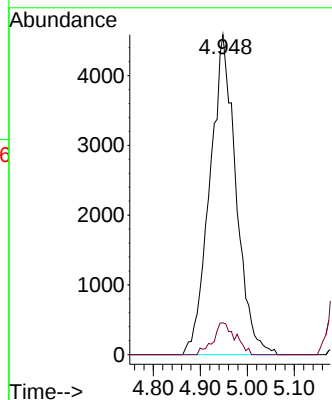
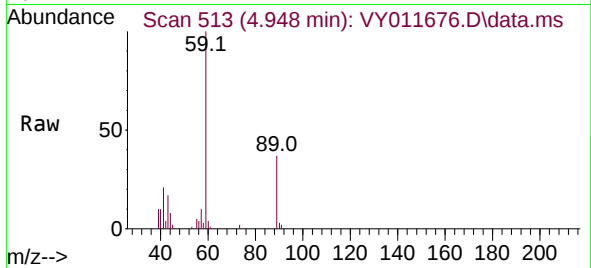




#11
Tert butyl alcohol
Concen: 110.056 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

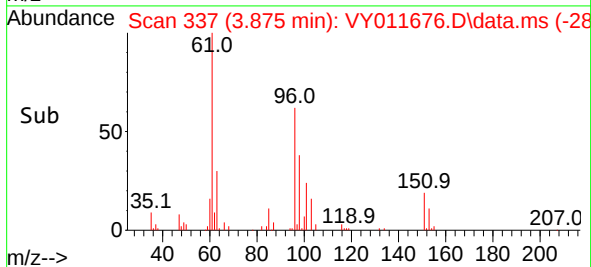
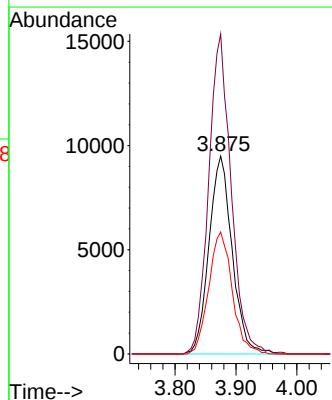
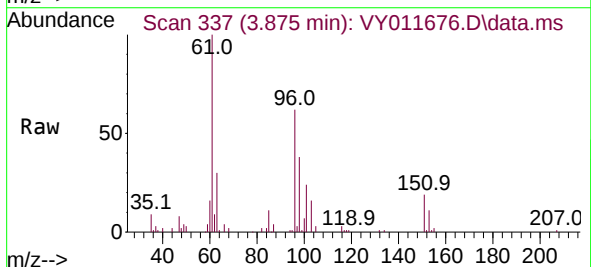
Instrument :
MSVOA_Y
ClientSampleId :

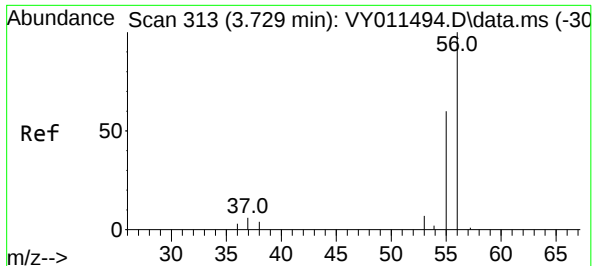
Tgt Ion: 59 Resp: 17778
Ion Ratio Lower Upper
59 100
57 8.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 22.416 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 96 Resp: 25106
Ion Ratio Lower Upper
96 100
61 161.7 145.8 218.6
98 61.6 52.5 78.7

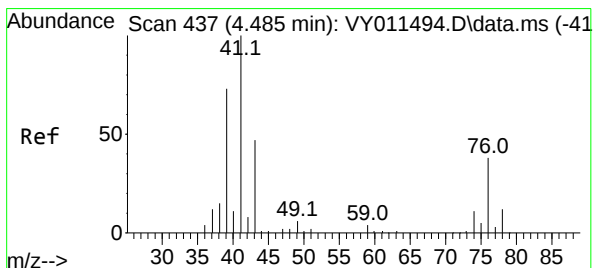
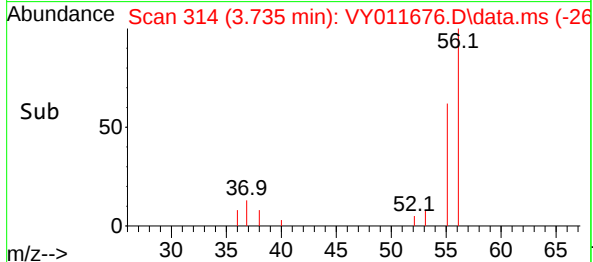
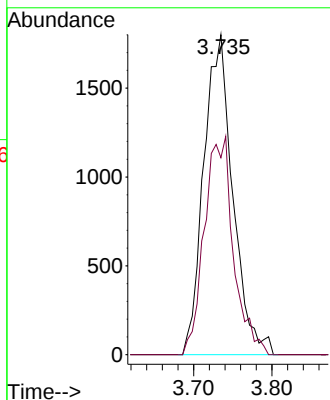
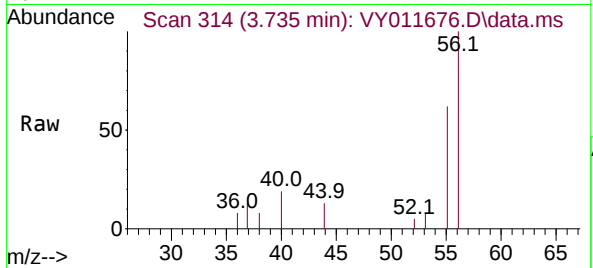




#13
Acrolein
Concen: 136.129 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

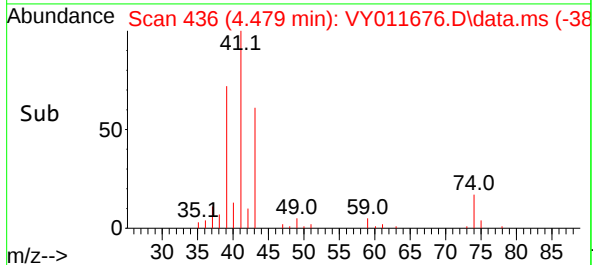
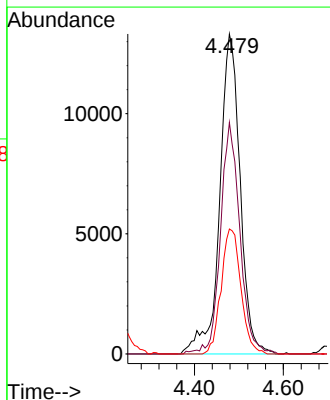
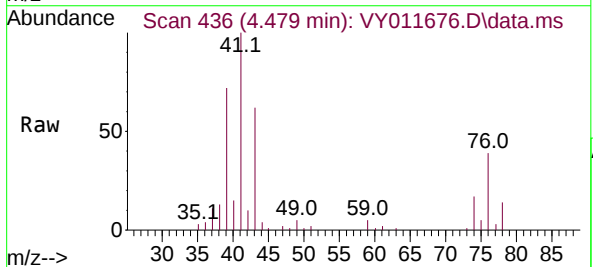
Instrument :
MSVOA_Y
ClientSampleId :

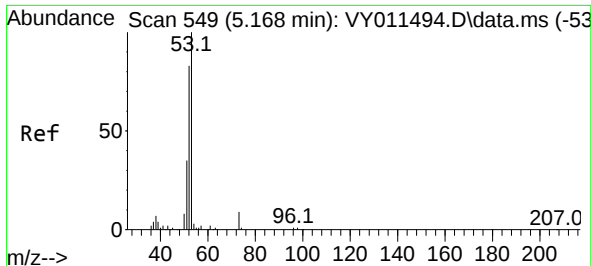
Tgt Ion: 56 Resp: 4645
Ion Ratio Lower Upper
56 100
55 68.1 57.6 86.4



#14
Allyl chloride
Concen: 21.562 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

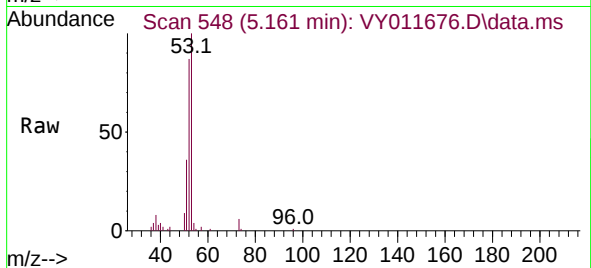
Tgt Ion: 41 Resp: 42393
Ion Ratio Lower Upper
41 100
39 68.6 58.8 88.2
76 37.8 25.1 37.7#



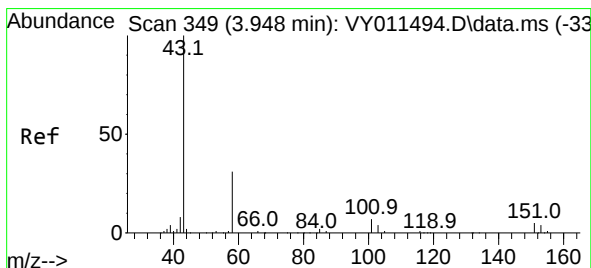
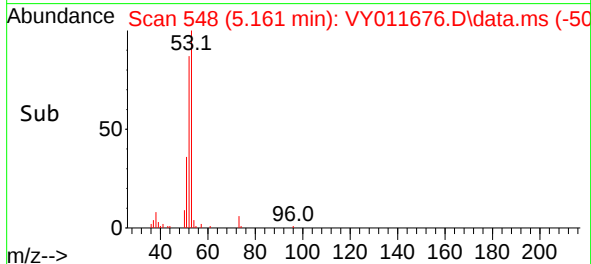
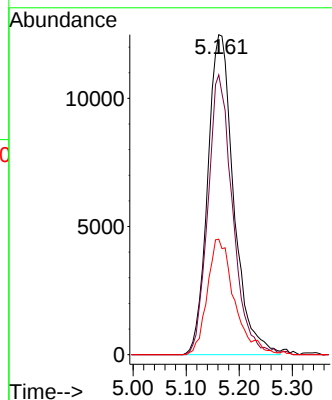


#15
Acrylonitrile
Concen: 114.344 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.007 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :

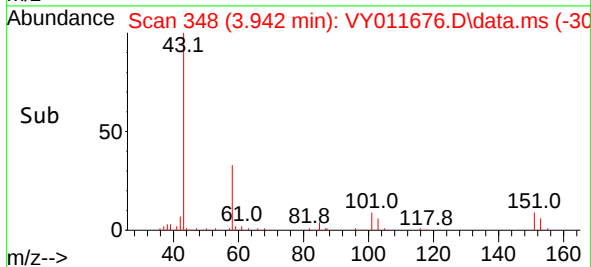
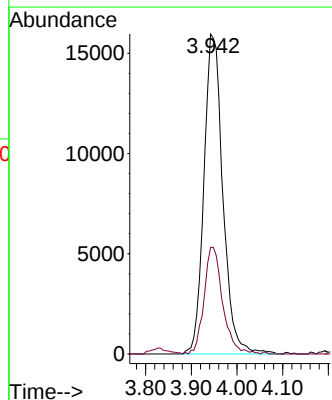
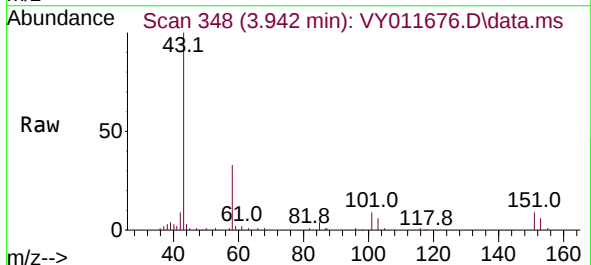


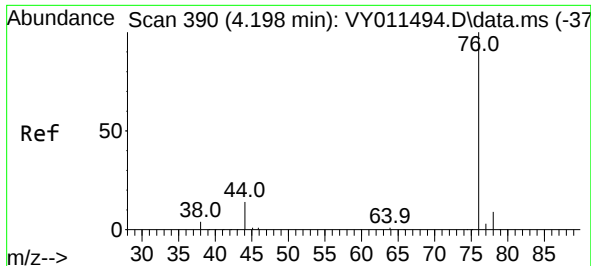
Tgt Ion: 53 Resp: 42680
Ion Ratio Lower Upper
53 100
52 83.1 67.0 100.4
51 37.5 29.8 44.6



#16
Acetone
Concen: 109.432 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

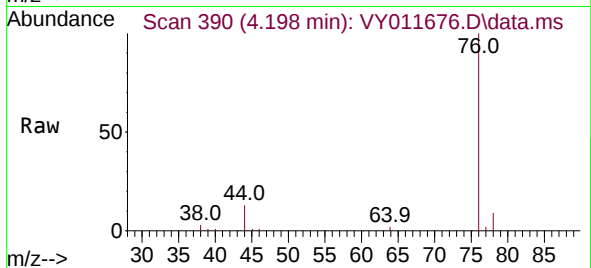
Tgt Ion: 43 Resp: 45999
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#



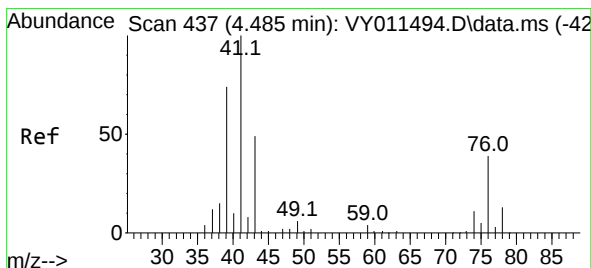
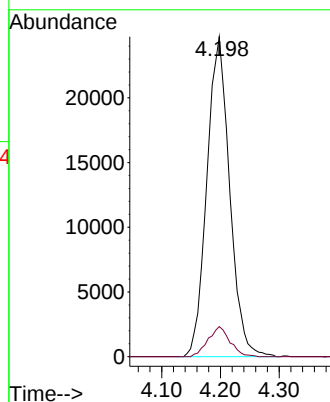
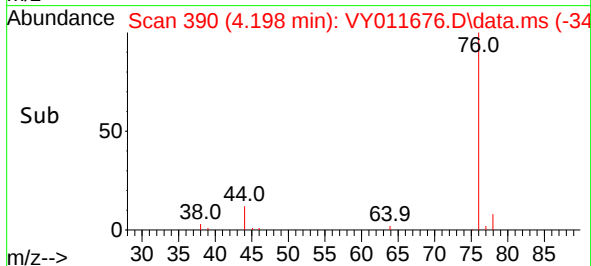


#17
Carbon Disulfide
Concen: 21.466 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :

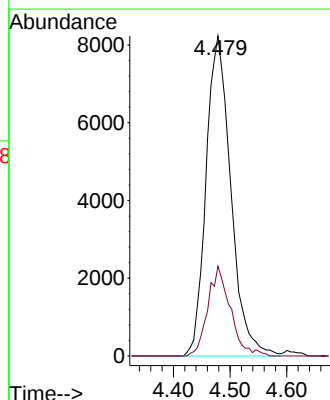
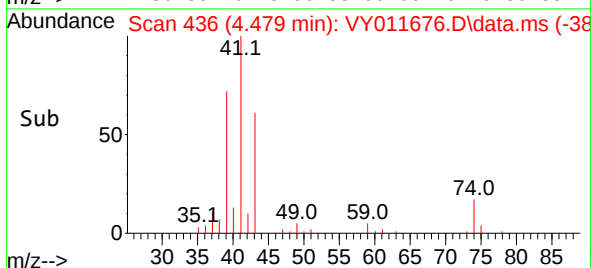
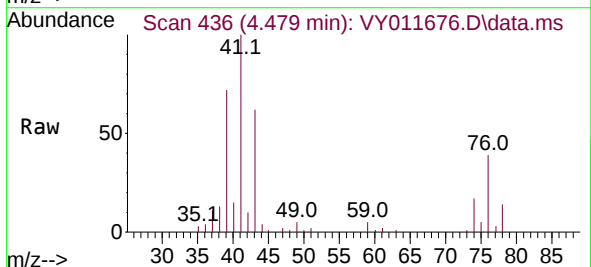


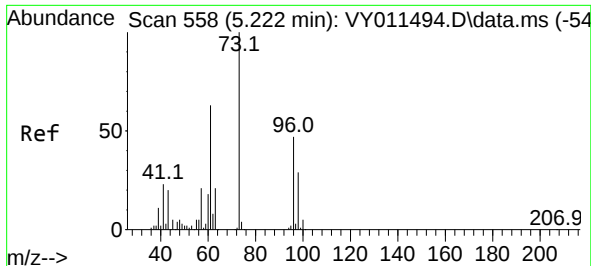
Tgt Ion: 76 Resp: 66632
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 24.414 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 43 Resp: 24944
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 23.028 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

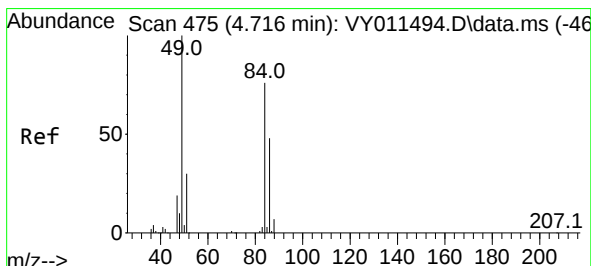
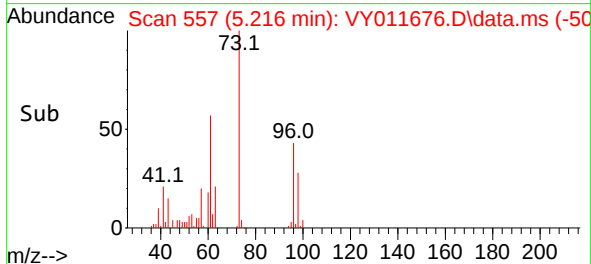
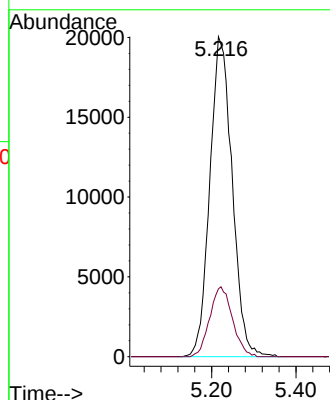
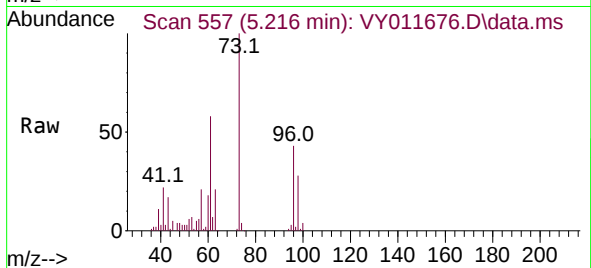
ClientSampleId :

Tgt Ion: 73 Resp: 73607

Ion Ratio Lower Upper

73 100

57 21.2 18.6 27.8



#20

Methylene Chloride

Concen: 18.217 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Tgt Ion: 84 Resp: 39477

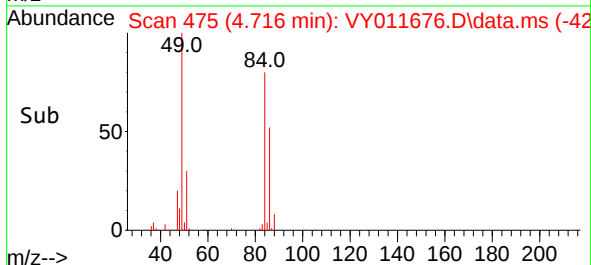
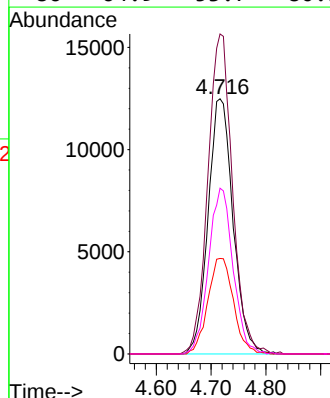
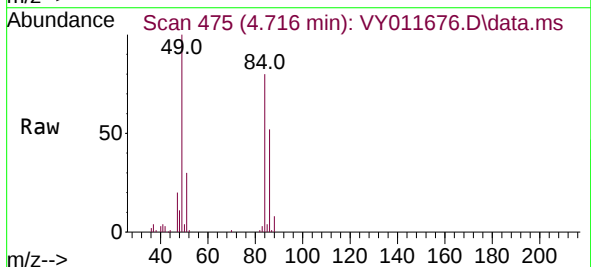
Ion Ratio Lower Upper

84 100

49 125.4 114.4 171.6

51 37.4 35.3 52.9

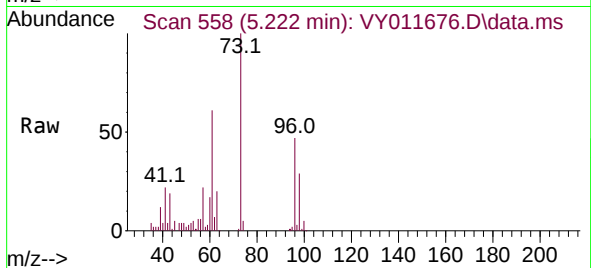
86 64.9 53.7 80.5



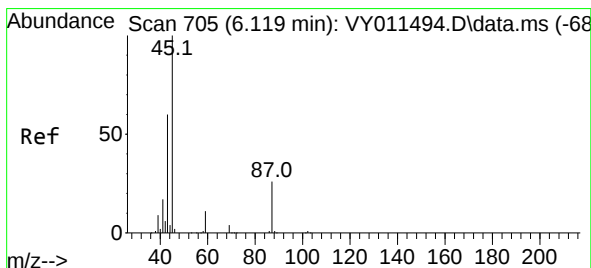
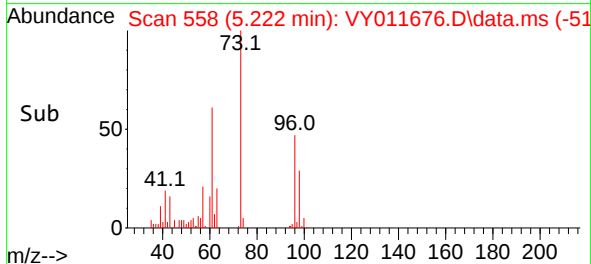
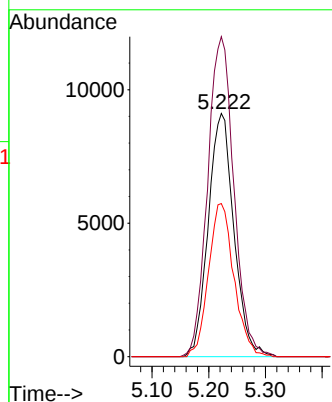


#21
trans-1,2-Dichloroethene
Concen: 22.137 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :

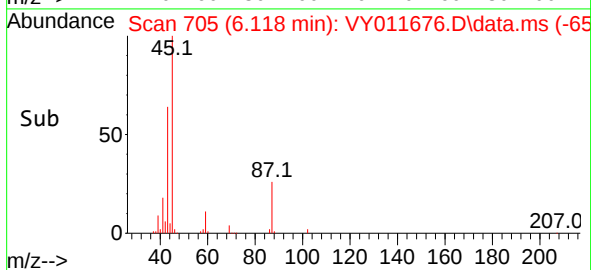
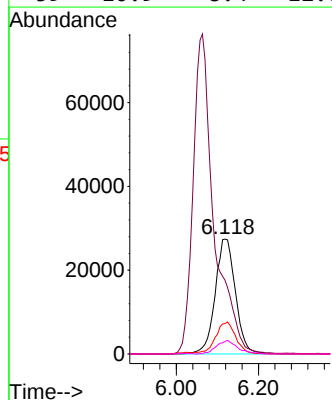
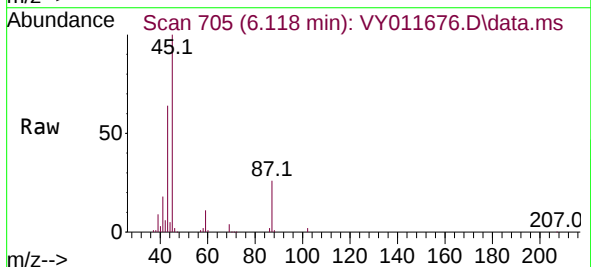


Tgt Ion: 96 Resp: 28650
Ion Ratio Lower Upper
96 100
61 131.6 120.5 180.7
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 21.893 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 45 Resp: 93960
Ion Ratio Lower Upper
45 100
43 63.7 49.3 73.9
87 26.4 19.2 28.8
59 10.9 8.4 12.6

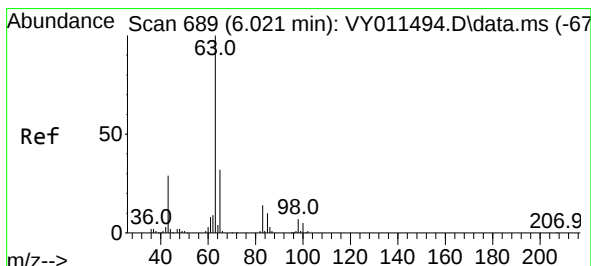
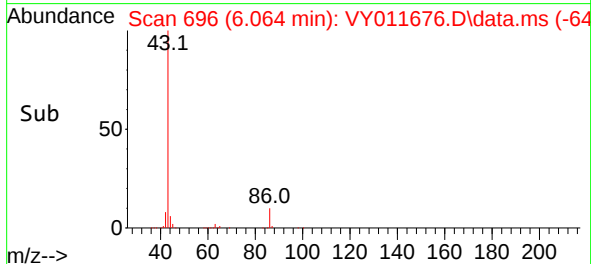
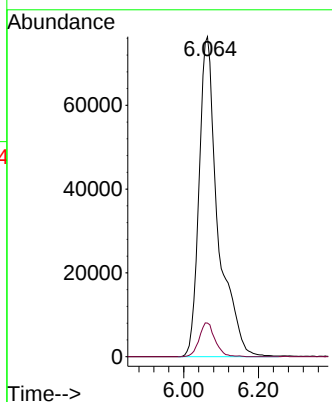
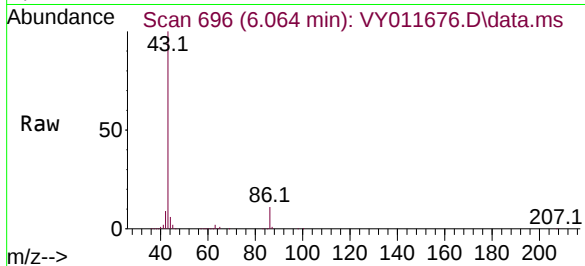




#23
 Vinyl Acetate
 Concen: 107.277 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

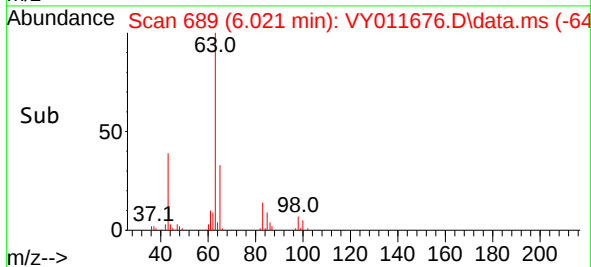
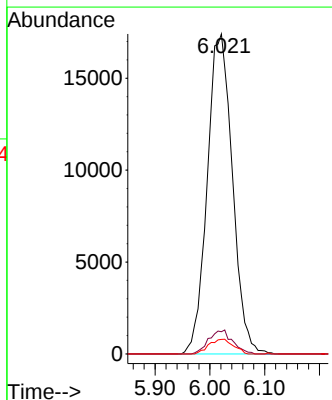
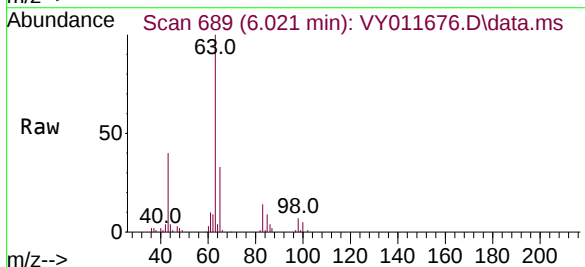
Instrument :
 MSVOA_Y
 ClientSampleId :

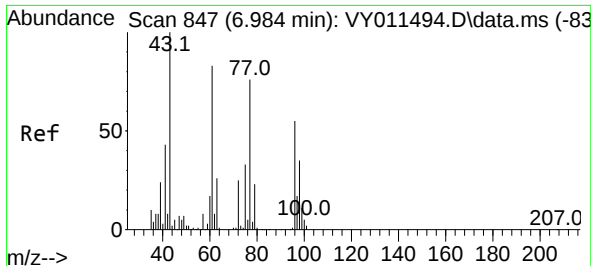
Tgt Ion: 43 Resp: 268188
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 22.044 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

Tgt Ion: 63 Resp: 55548
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 108.929 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

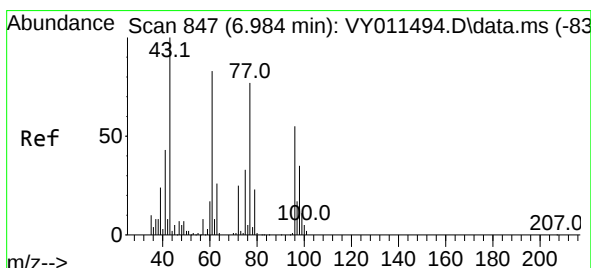
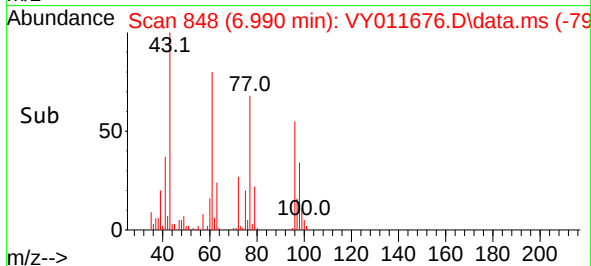
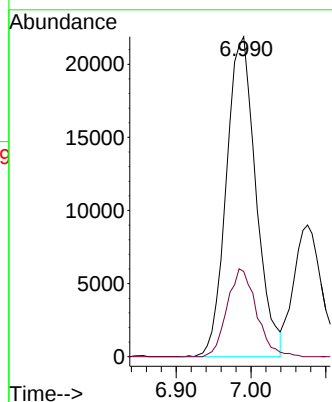
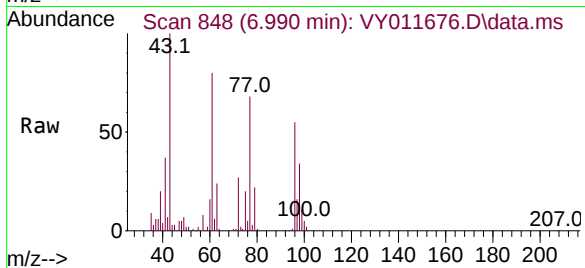
ClientSampleId :

Tgt Ion: 43 Resp: 60175

Ion Ratio Lower Upper

43 100

72 26.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 21.351 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011676.D

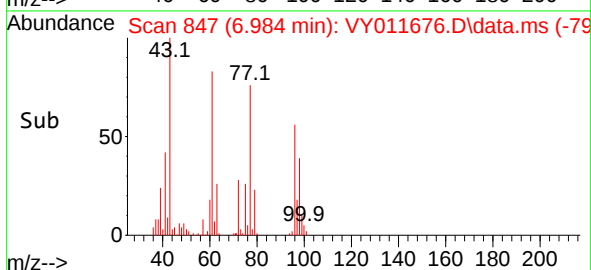
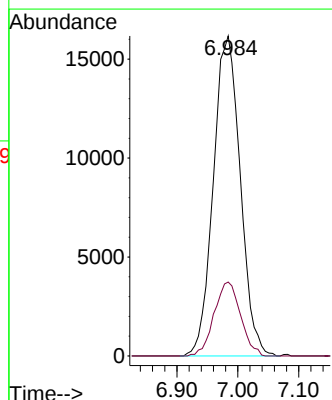
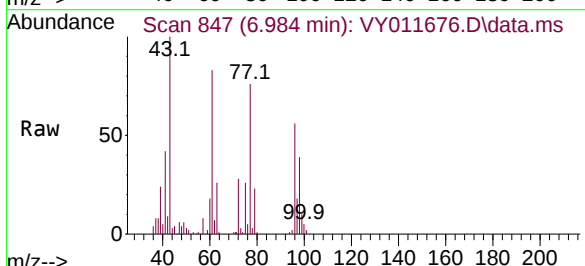
Acq: 02 Dec 2022 12:27

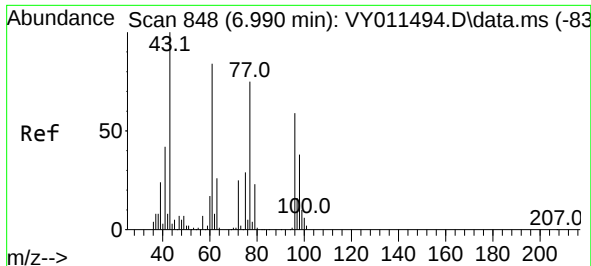
Tgt Ion: 77 Resp: 49655

Ion Ratio Lower Upper

77 100

97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 21.813 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

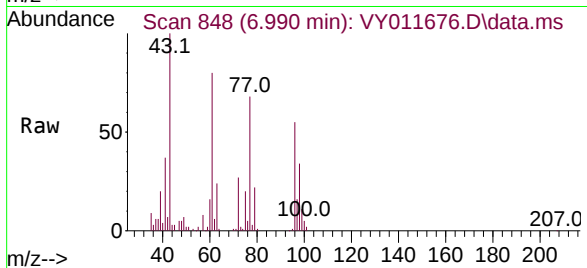
Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :



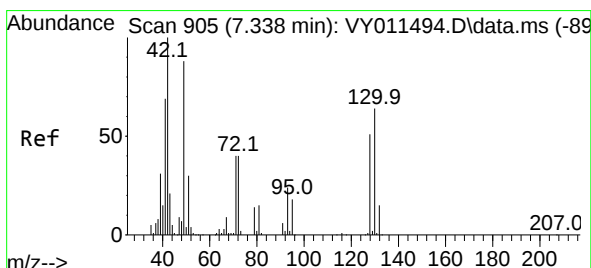
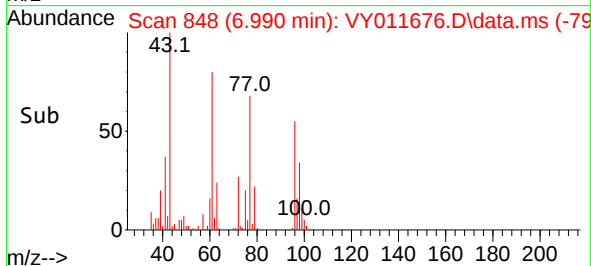
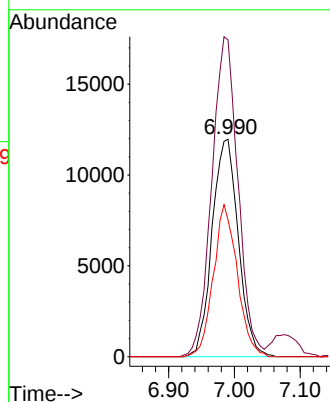
Tgt Ion: 96 Resp: 33236

Ion Ratio Lower Upper

96 100

61 147.0 0.0 319.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 20.112 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

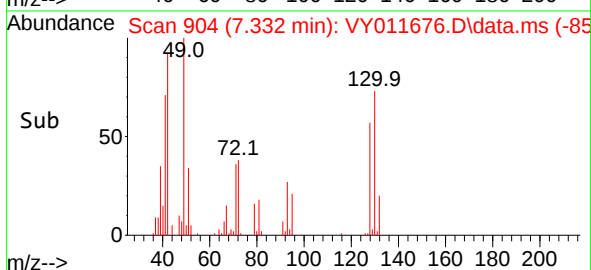
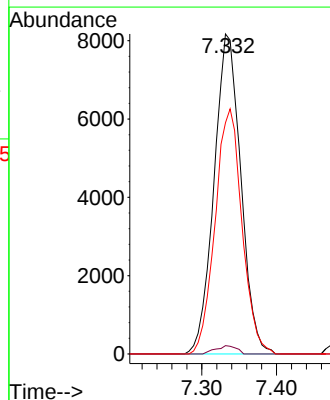
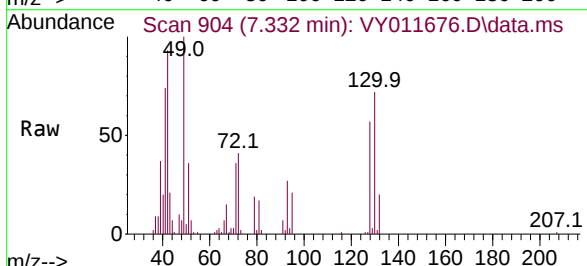
Tgt Ion: 49 Resp: 20359

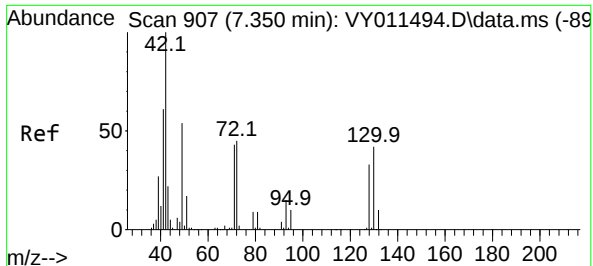
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 76.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 109.807 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY011676.D

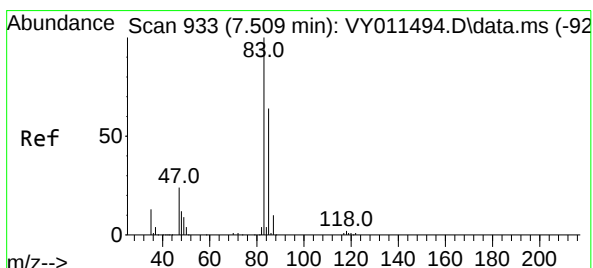
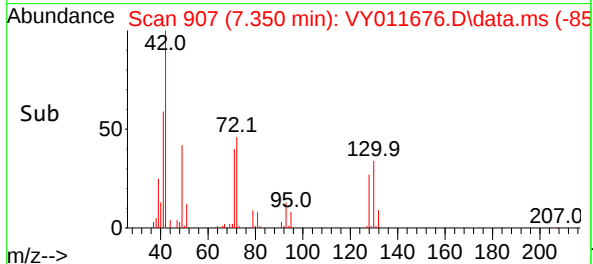
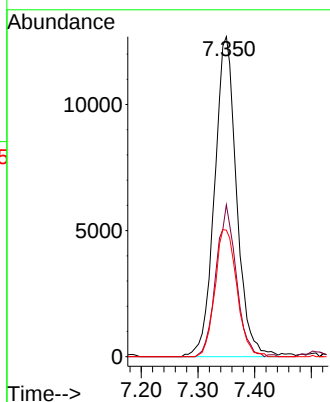
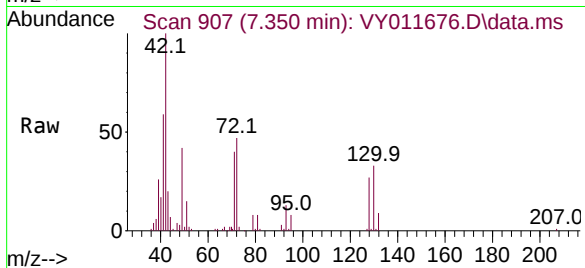
Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	34257
Ion	Ratio	Lower	Upper
42	100		
72	43.3	30.3	45.5
71	39.6	29.0	43.4



#30

Chloroform

Concen: 22.555 ug/l

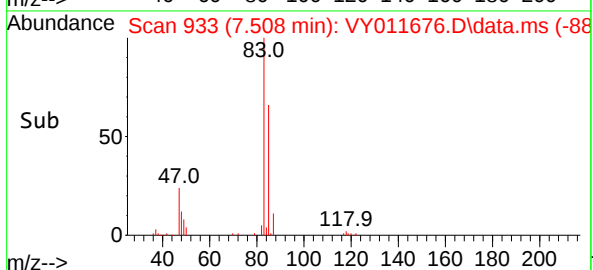
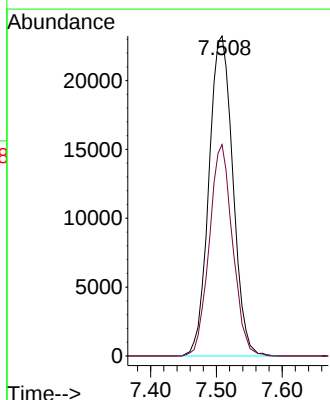
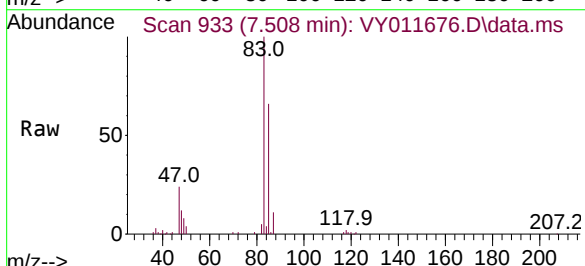
RT: 7.508 min Scan# 933

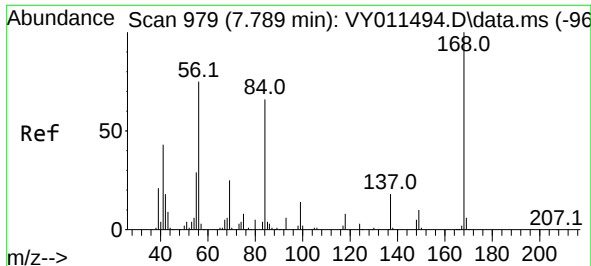
Delta R.T. -0.001 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

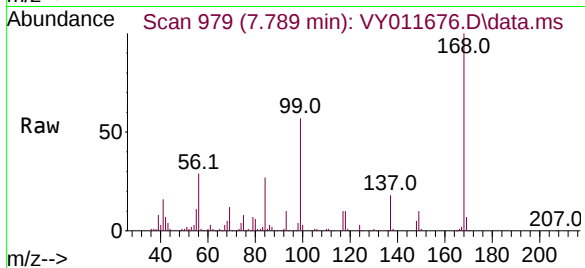
Tgt Ion:	83	Resp:	58939
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.8	77.6



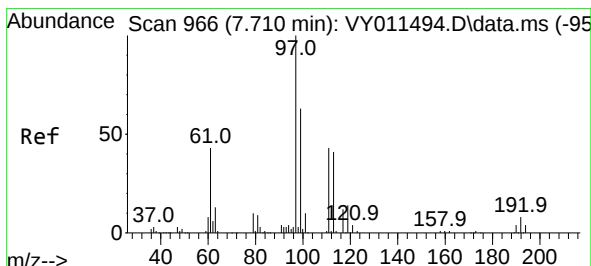
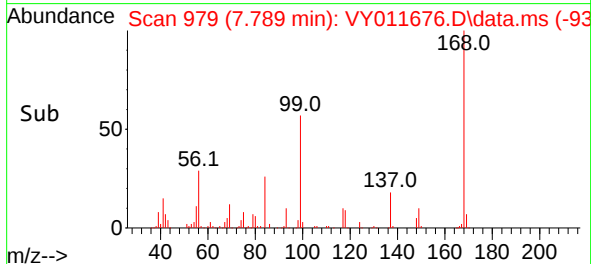
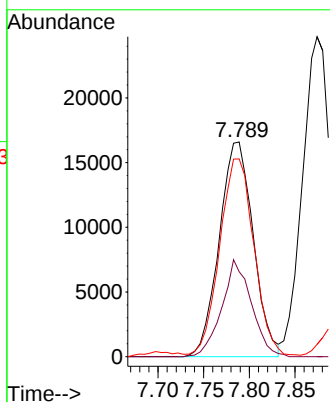


#31
Cyclohexane
Concen: 20.046 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :

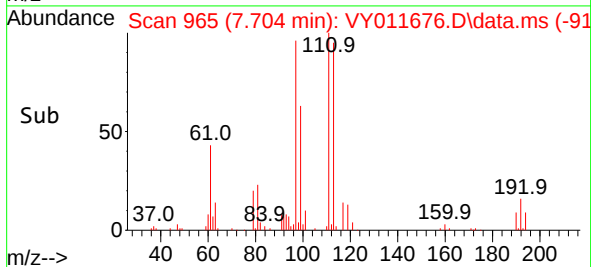
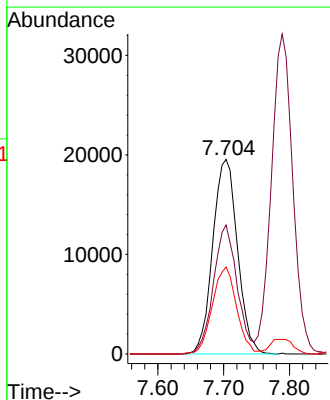
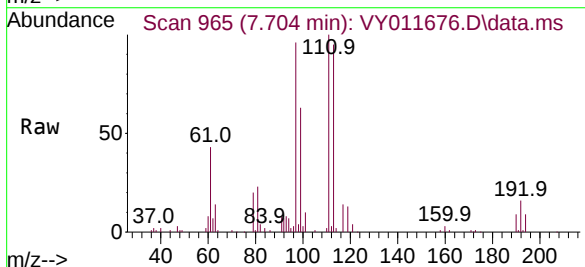


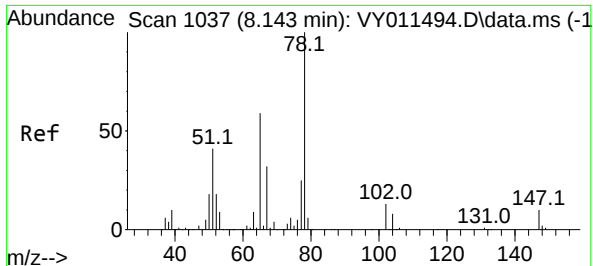
Tgt Ion: 56 Resp: 42999
Ion Ratio Lower Upper
56 100
69 39.6 26.7 40.1
84 90.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 21.881 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 97 Resp: 51151
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.505 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

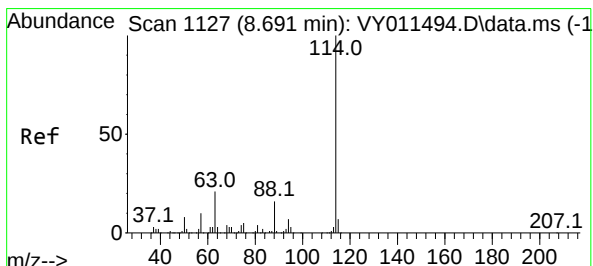
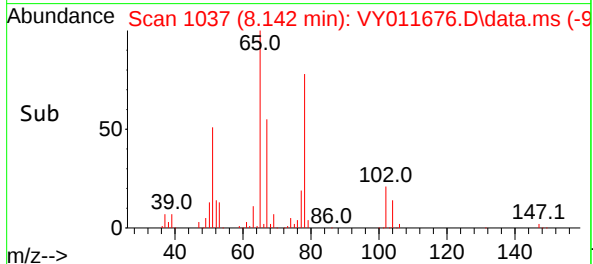
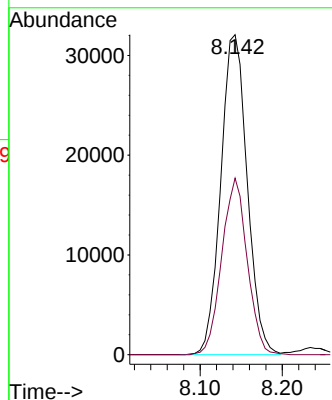
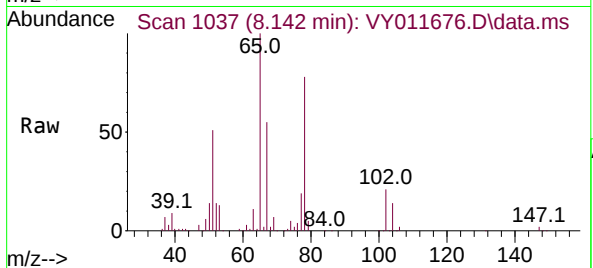
ClientSampleId :

Tgt Ion: 65 Resp: 71828

Ion Ratio Lower Upper

65 100

67 52.9 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: VY011676.D

Acq: 02 Dec 2022 12:27

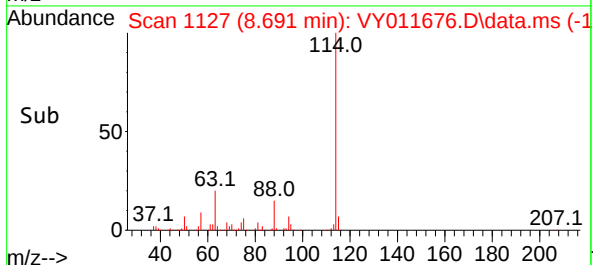
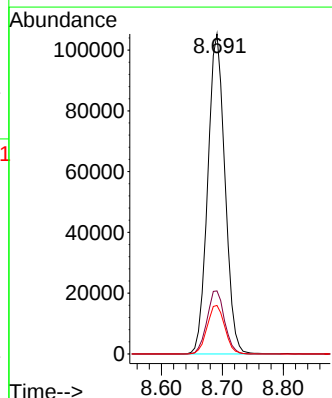
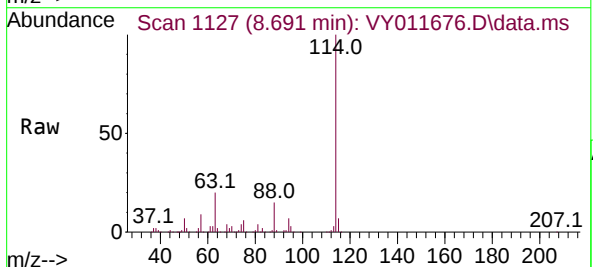
Tgt Ion: 114 Resp: 206311

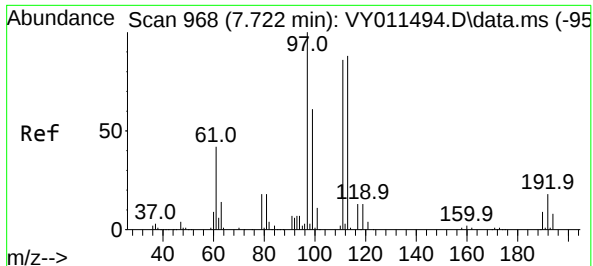
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.504 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

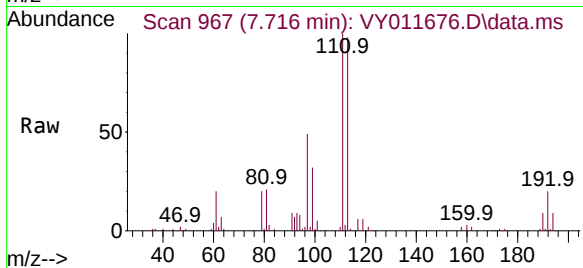
Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :



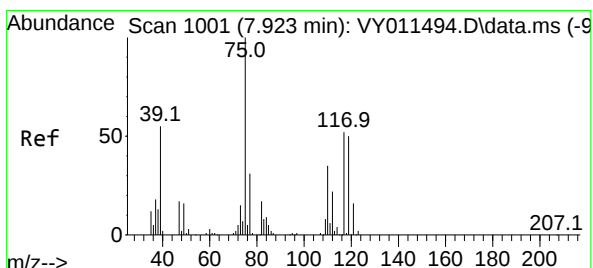
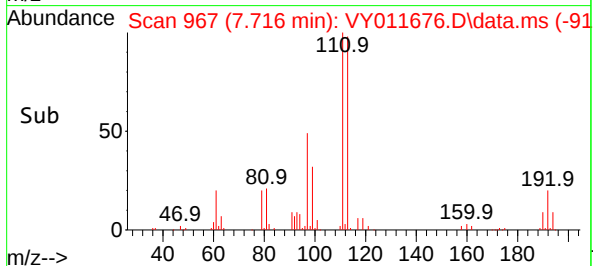
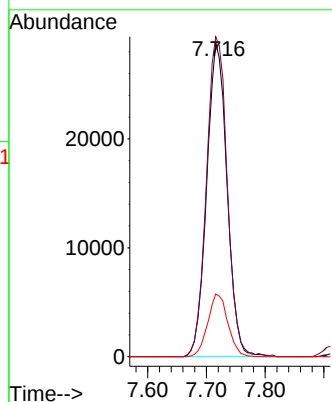
Tgt Ion:113 Resp: 69222

Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.7 17.6 26.4



#36

1,1-Dichloropropene

Concen: 20.182 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

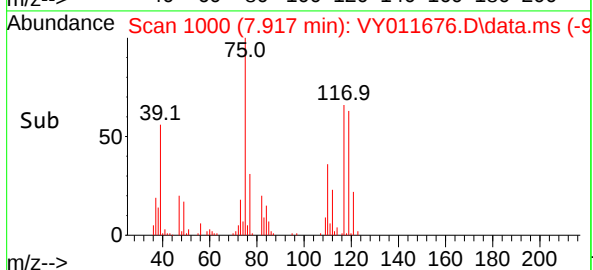
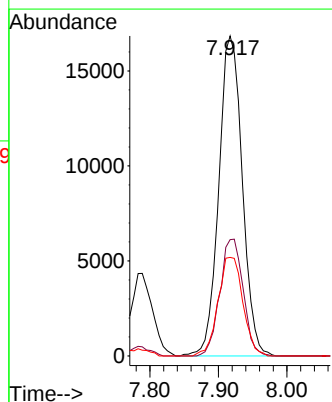
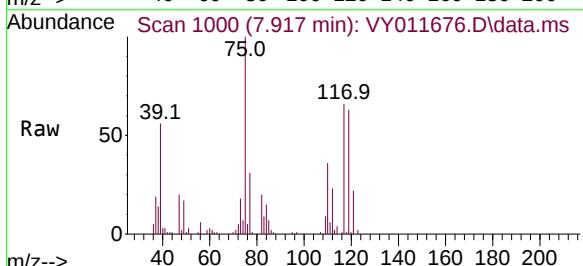
Tgt Ion: 75 Resp: 40066

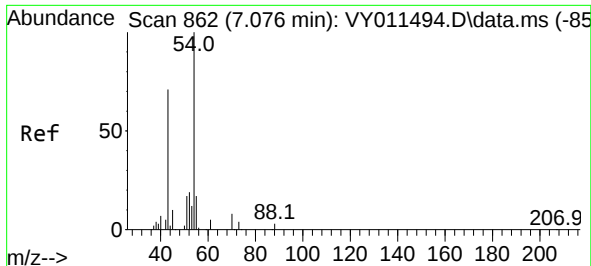
Ion Ratio Lower Upper

75 100

110 36.2 17.1 51.2

77 32.6 24.4 36.6





#37

Ethyl Acetate

Concen: 21.233 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.000 min

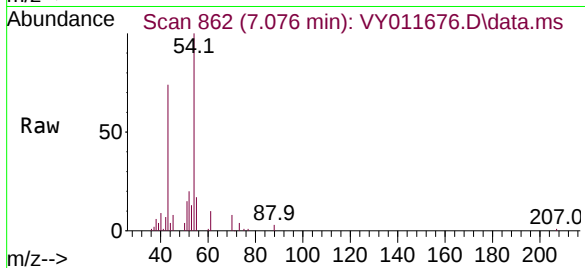
Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :



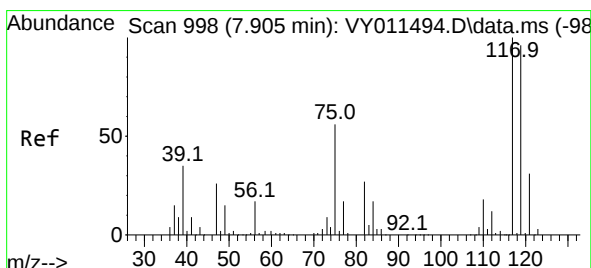
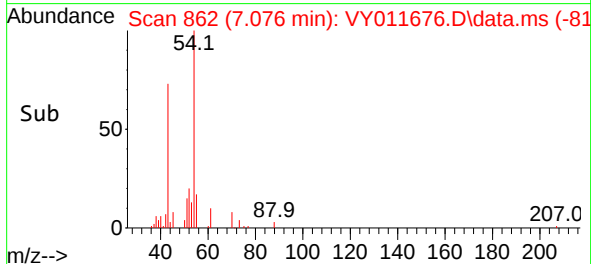
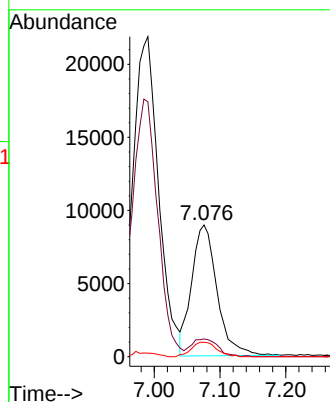
Tgt Ion: 43 Resp: 24003

Ion Ratio Lower Upper

43 100

61 14.1 9.7 14.5

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.802 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

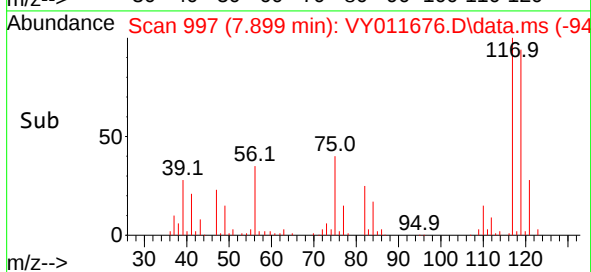
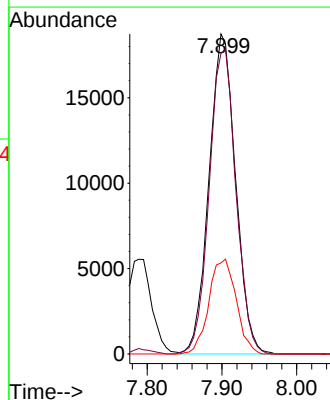
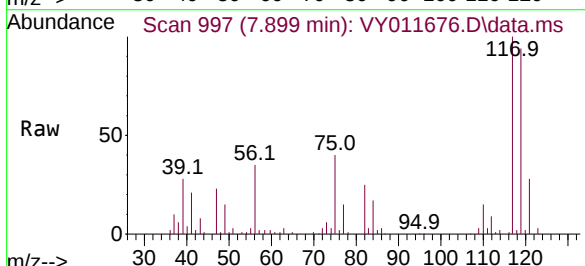
Tgt Ion: 117 Resp: 46203

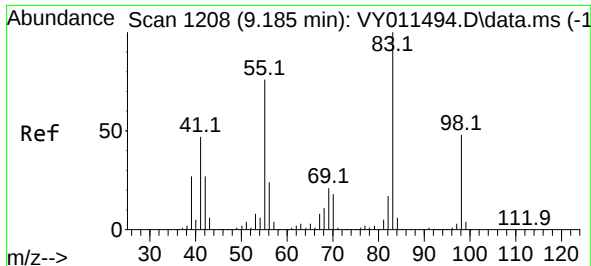
Ion Ratio Lower Upper

117 100

119 93.9 77.9 116.9

121 28.4 24.8 37.2





#39

Methylcyclohexane

Concen: 20.399 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

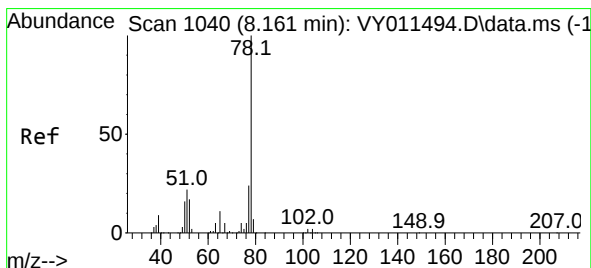
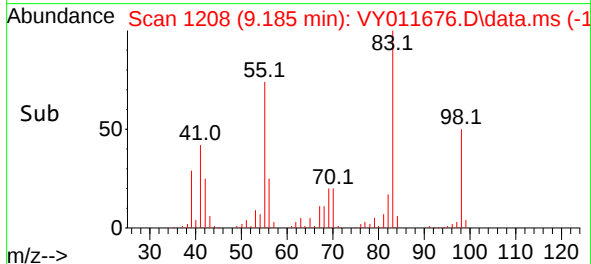
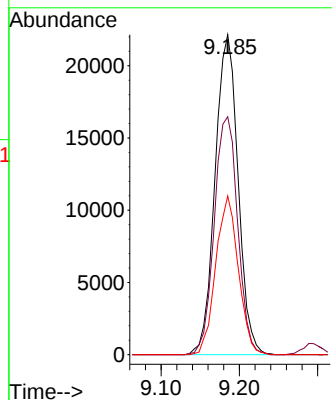
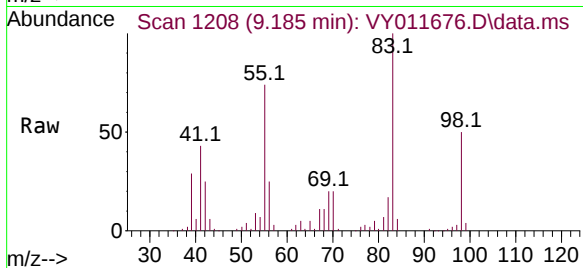
Tgt Ion: 83 Resp: 45194

Ion Ratio Lower Upper

83 100

55 74.4 66.5 99.7

98 49.6 37.9 56.9



#40

Benzene

Concen: 21.144 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011676.D

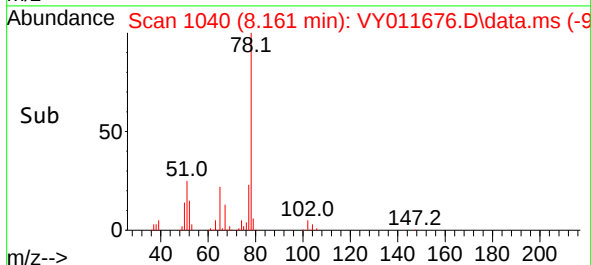
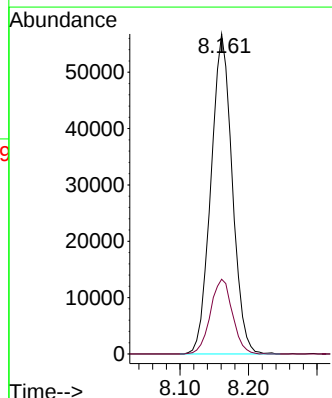
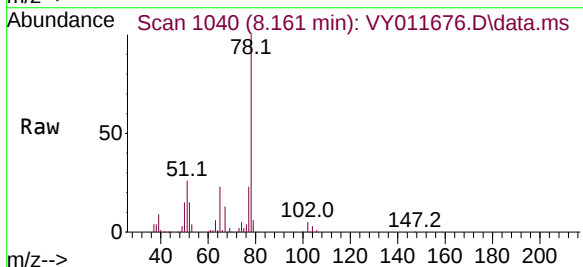
Acq: 02 Dec 2022 12:27

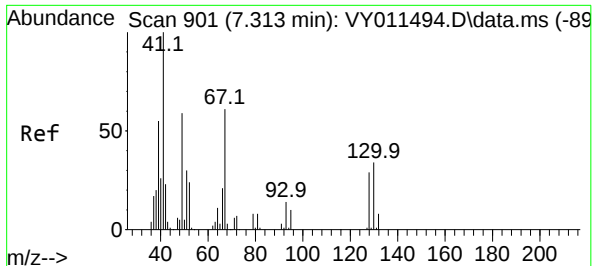
Tgt Ion: 78 Resp: 122275

Ion Ratio Lower Upper

78 100

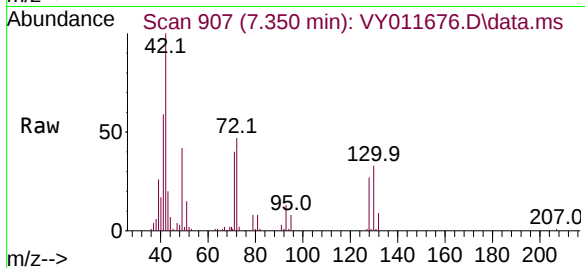
77 23.4 20.4 30.6



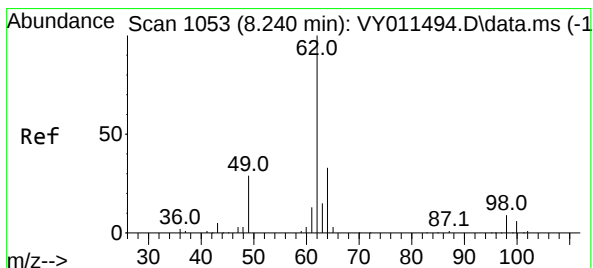
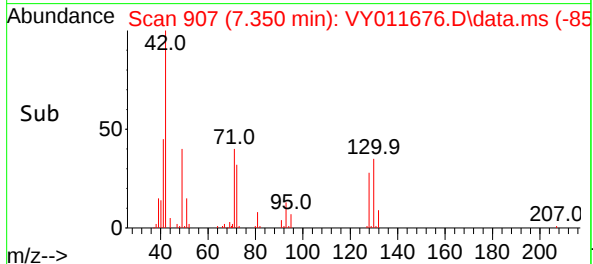
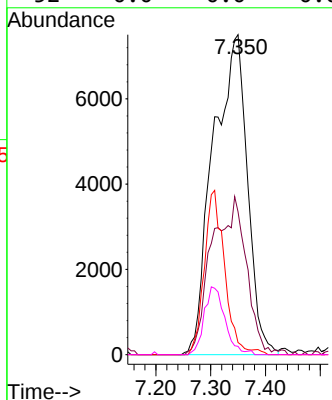


#41
Methacrylonitrile
Concen: 56.714 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :

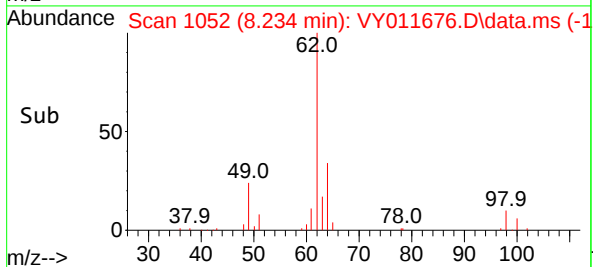
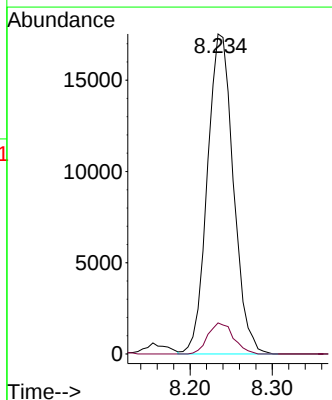
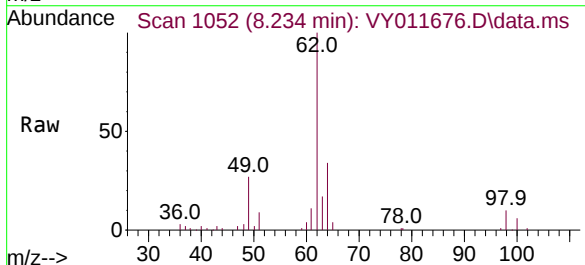


Tgt Ion: 41 Resp: 32416
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.590 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 62 Resp: 38612
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8

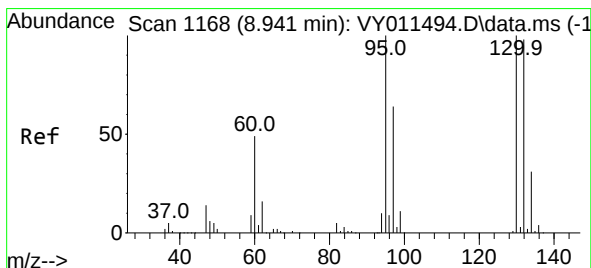
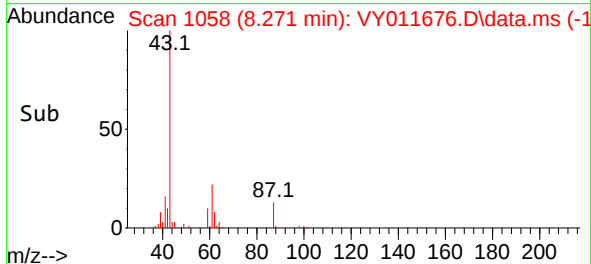
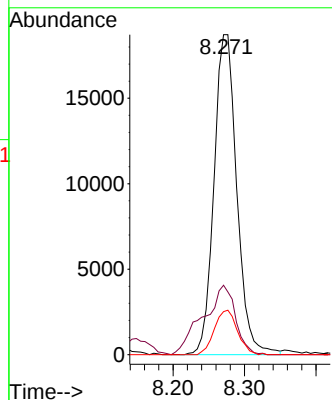
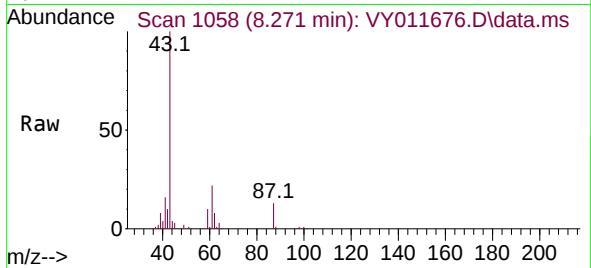




#43
Isopropyl Acetate
Concen: 20.357 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

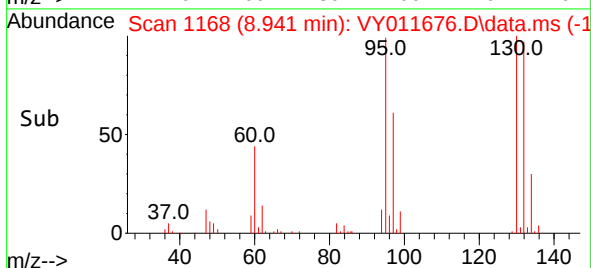
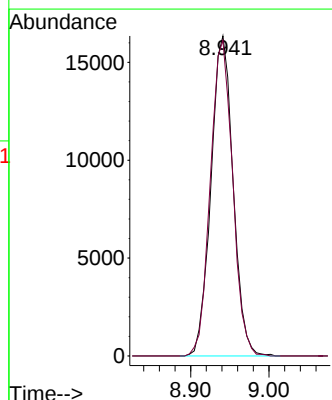
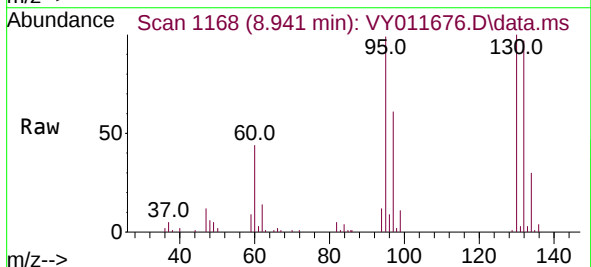
Instrument :
MSVOA_Y
ClientSampleId :

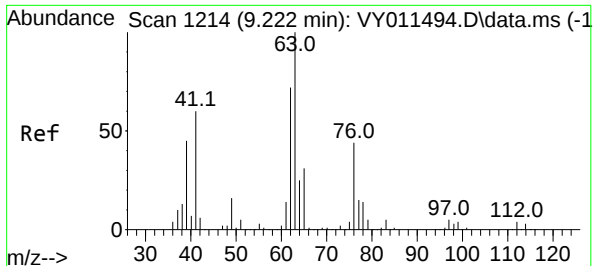
Tgt Ion: 43 Resp: 41515
Ion Ratio Lower Upper
43 100
61 30.8 20.2 30.2#
87 14.1 8.9 13.3#



#44
Trichloroethene
Concen: 20.602 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion:130 Resp: 32056
Ion Ratio Lower Upper
130 100
95 98.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.321 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

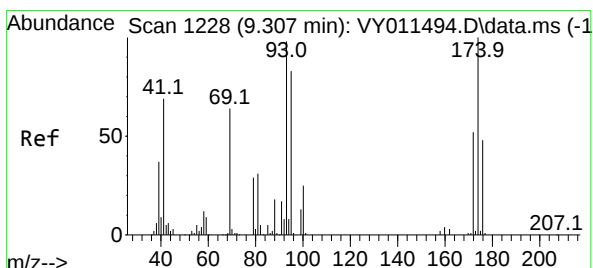
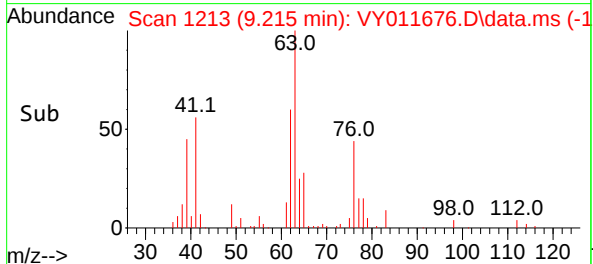
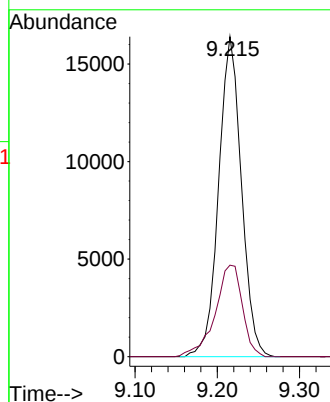
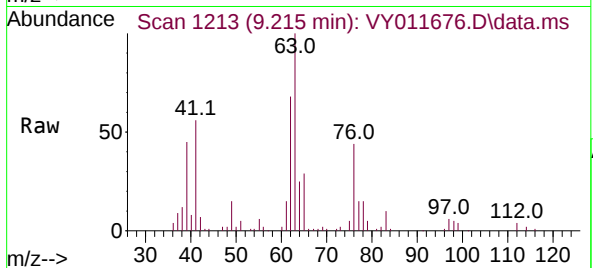
ClientSampleId :

Tgt Ion: 63 Resp: 31515

Ion Ratio Lower Upper

63 100

65 28.6 23.0 34.6



#46

Dibromomethane

Concen: 21.596 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

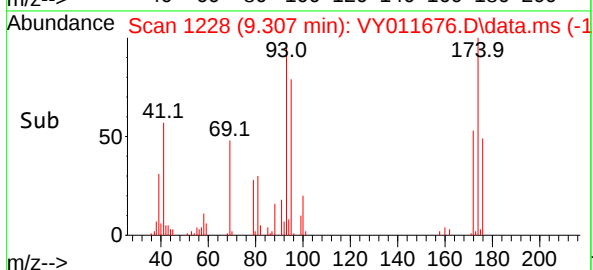
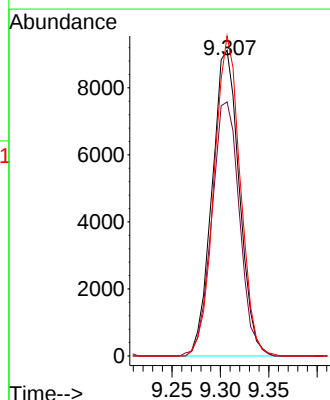
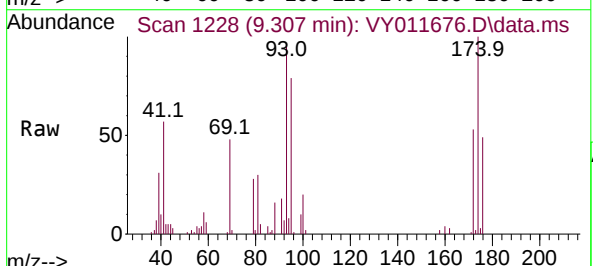
Tgt Ion: 93 Resp: 17849

Ion Ratio Lower Upper

93 100

95 84.5 64.3 96.5

174 100.3 83.4 125.0

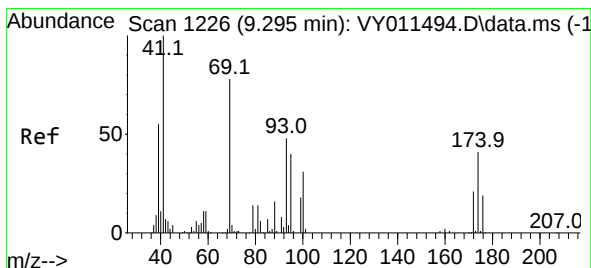
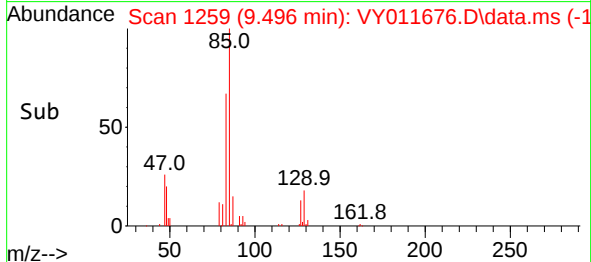
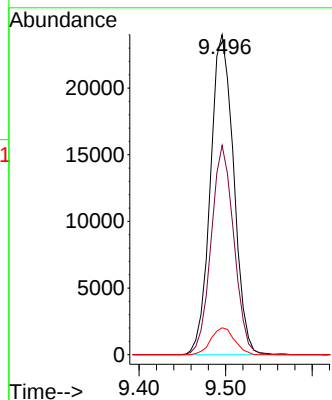
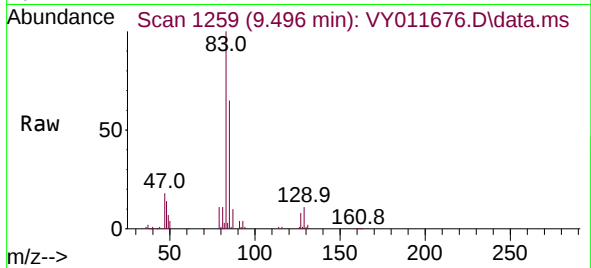




#47
Bromodichloromethane
Concen: 21.484 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

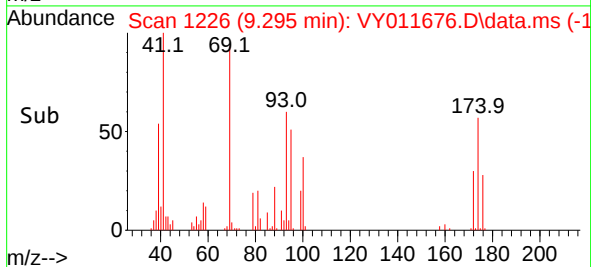
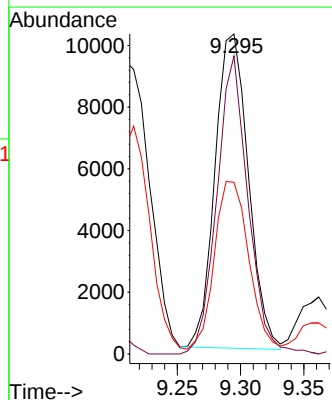
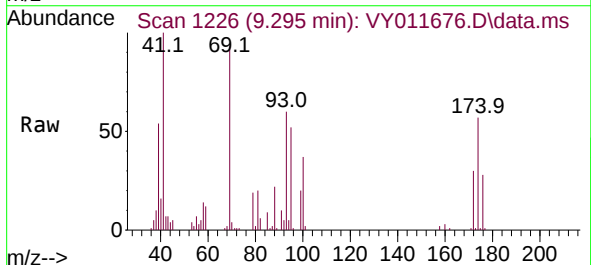
Instrument :
MSVOA_Y
ClientSampleId :

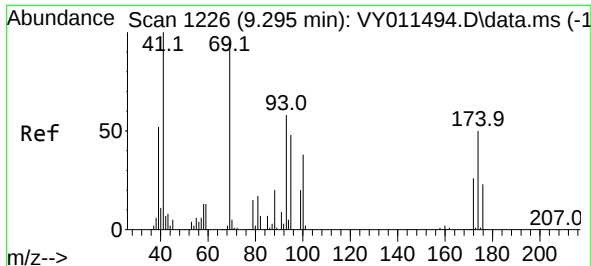
Tgt Ion: 83 Resp: 44727
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 20.643 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

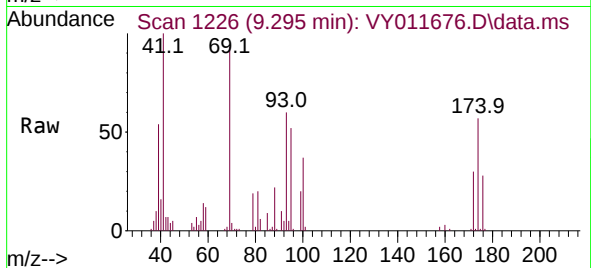
Tgt Ion: 41 Resp: 18699
Ion Ratio Lower Upper
41 100
69 88.5 58.2 87.2#
39 58.1 47.4 71.0



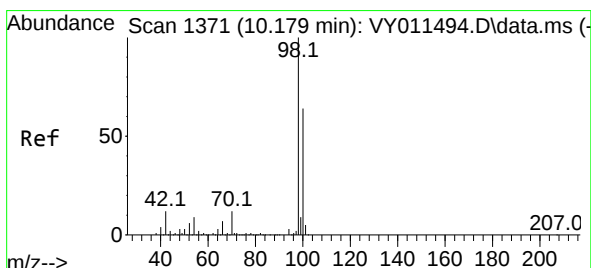
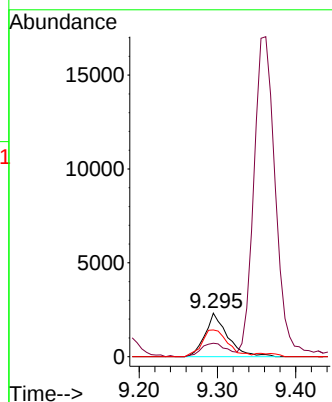
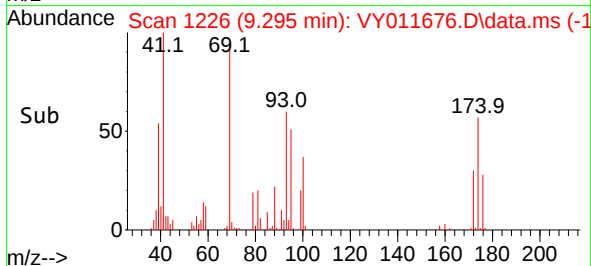


#49
1,4-Dioxane
Concen: 450.888 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :

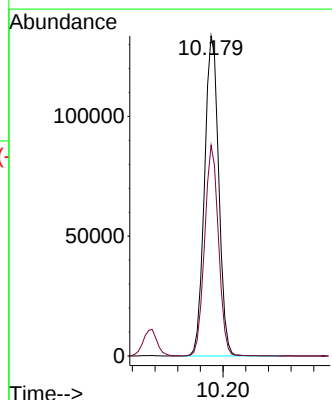
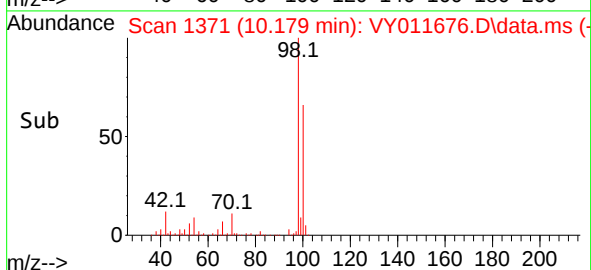
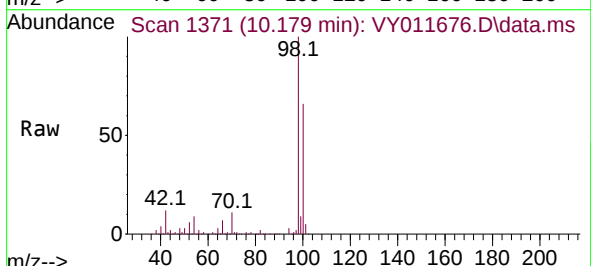


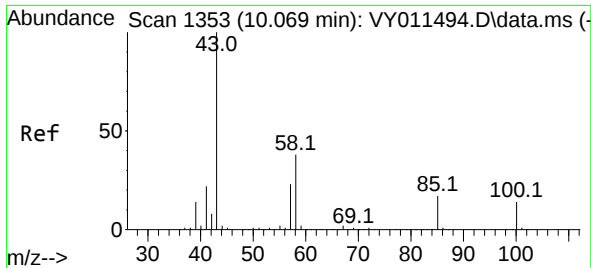
Tgt Ion: 88 Resp: 4615
Ion Ratio Lower Upper
88 100
43 36.0 32.8 49.2
58 71.2 59.8 89.6



#50
Toluene-d8
Concen: 50.400 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 98 Resp: 232606
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

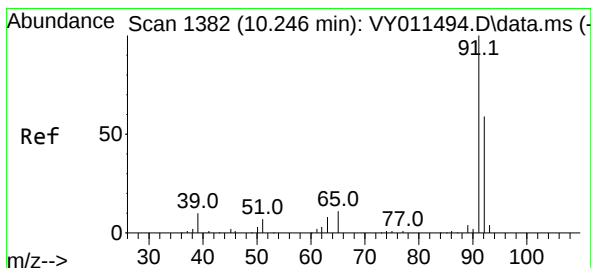
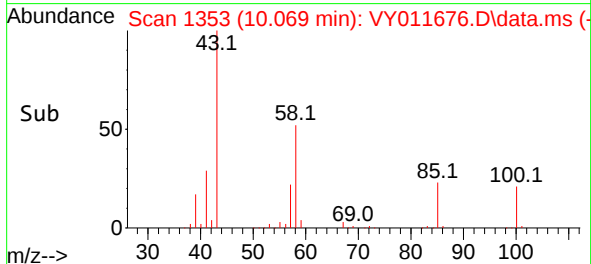
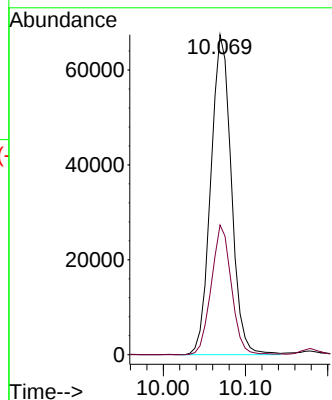
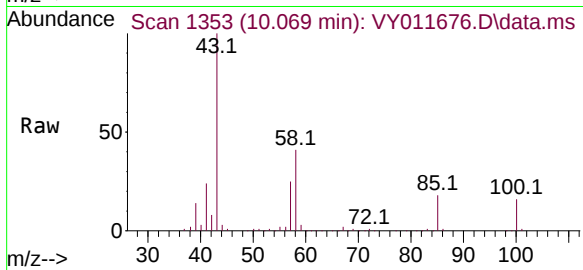




#51
4-Methyl-2-Pentanone
Concen: 103.120 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

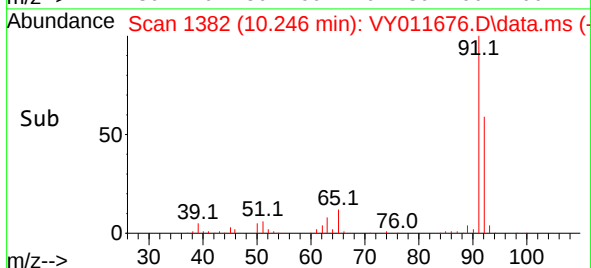
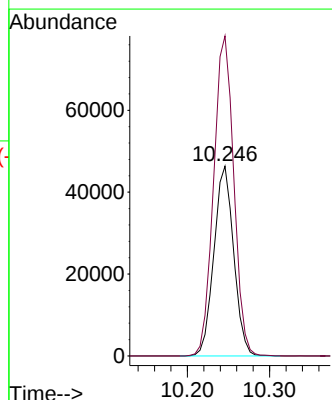
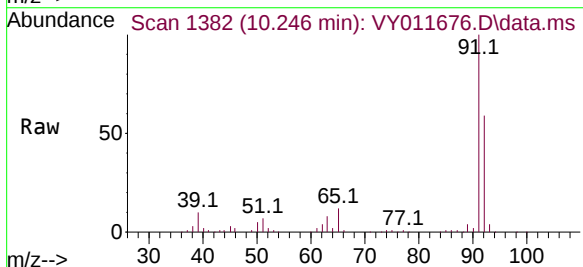
Instrument :
MSVOA_Y
ClientSampleId :

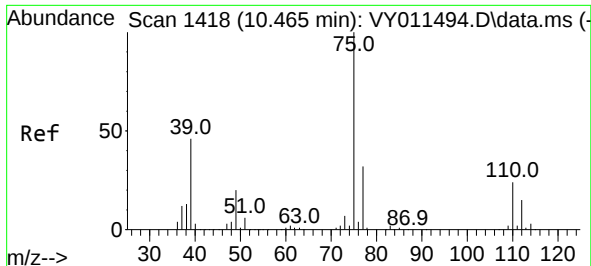
Tgt Ion: 43 Resp: 116903
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1



#52
Toluene
Concen: 21.147 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 92 Resp: 77332
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 21.136 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

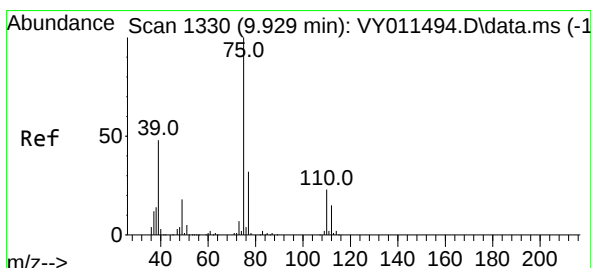
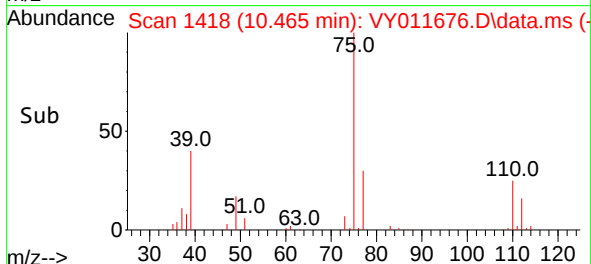
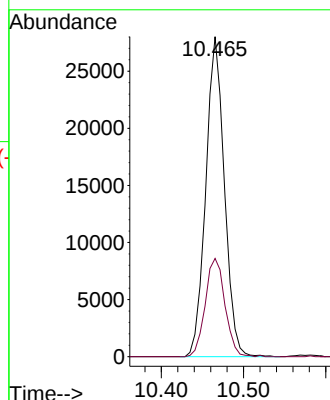
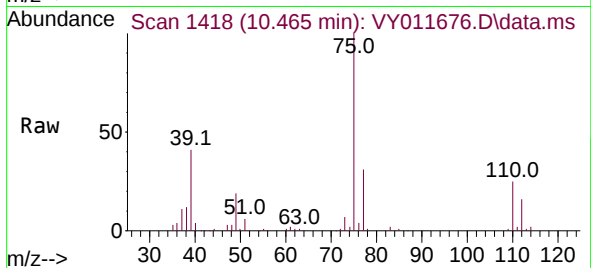
ClientSampleId :

Tgt Ion: 75 Resp: 43984

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.524 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

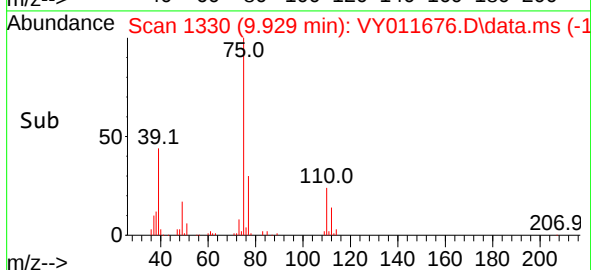
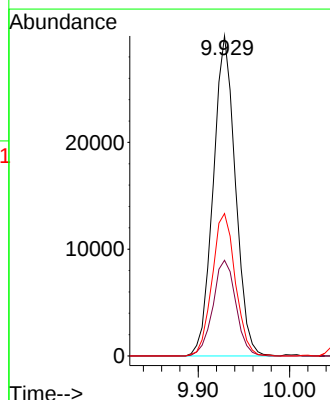
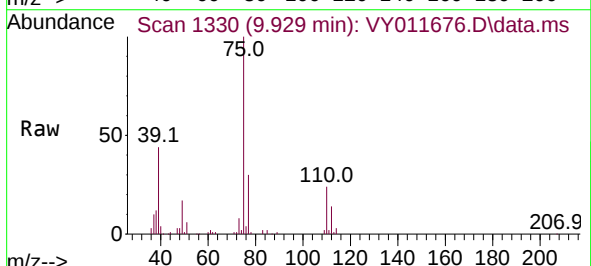
Tgt Ion: 75 Resp: 50389

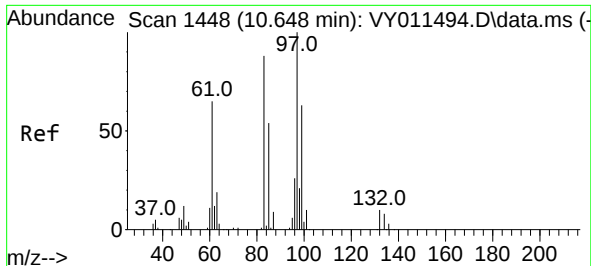
Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

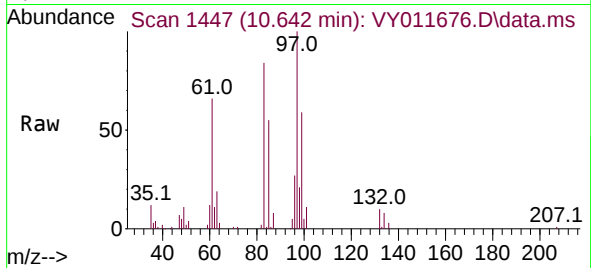
39 44.5 47.6 71.4#



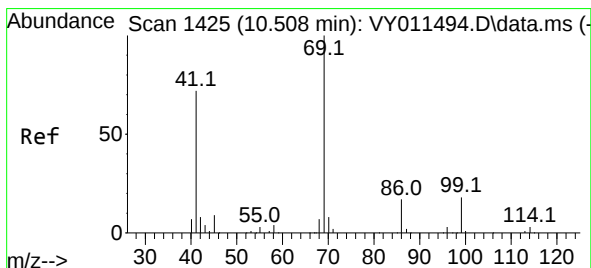
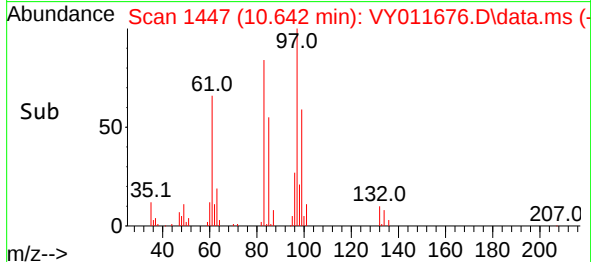
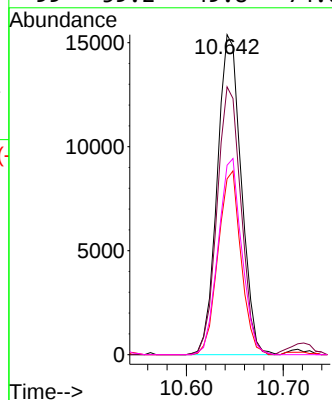


#55
1,1,2-Trichloroethane
Concen: 22.406 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :

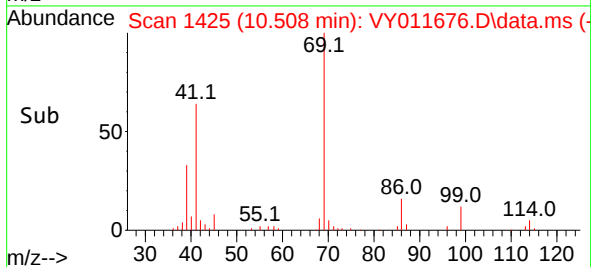
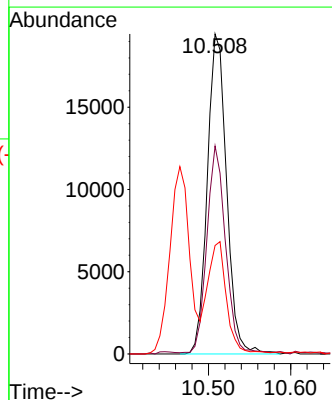
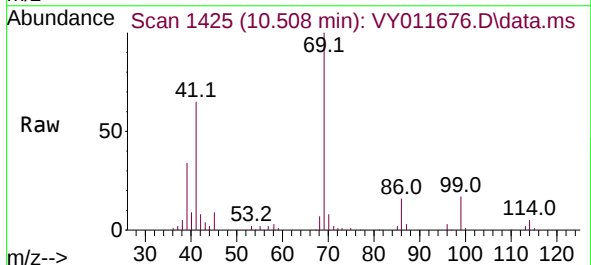


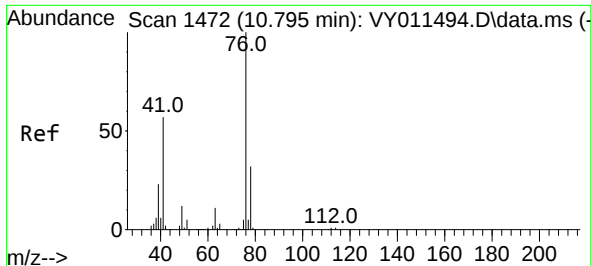
Tgt Ion: 97	Resp: 26494
Ion Ratio	Lower Upper
97 100	
83 83.7	69.8 104.8
85 54.9	44.3 66.5
99 59.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 21.561 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 69	Resp: 31708
Ion Ratio	Lower Upper
69 100	
41 61.9	63.4 95.0#
39 33.5	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 21.674 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.007 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

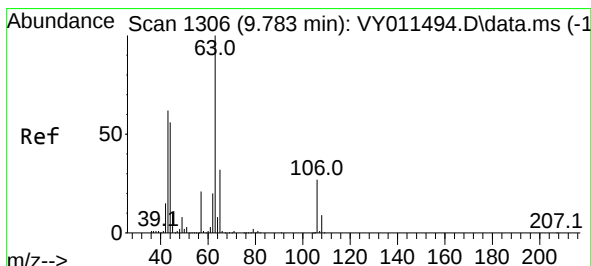
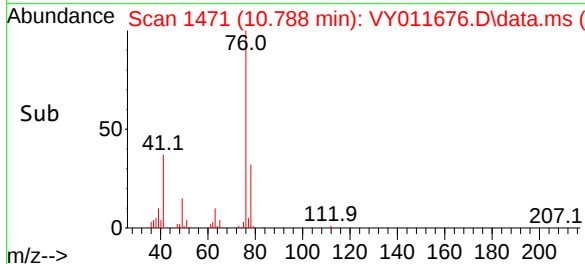
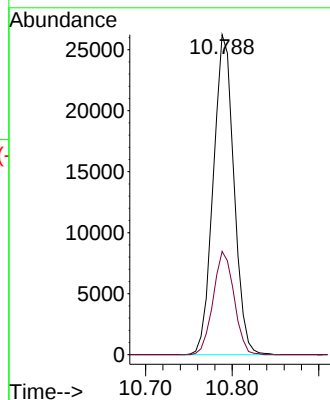
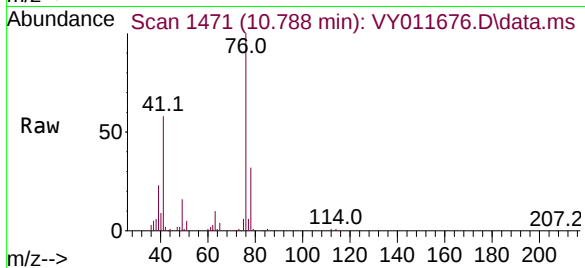
ClientSampleId :

Tgt Ion: 76 Resp: 43403

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.190 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011676.D

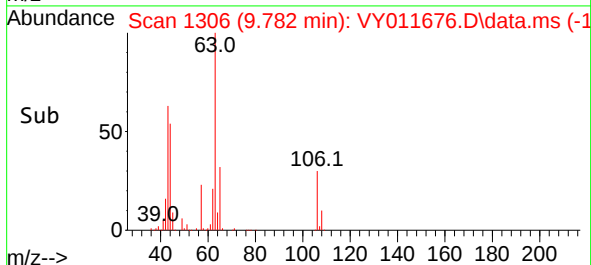
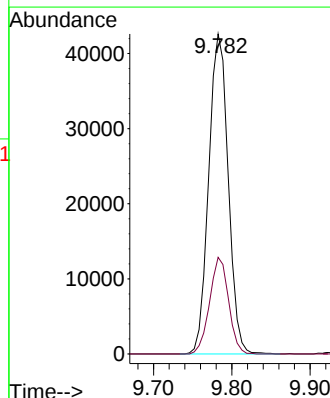
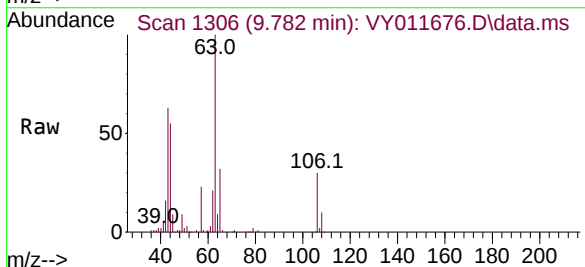
Acq: 02 Dec 2022 12:27

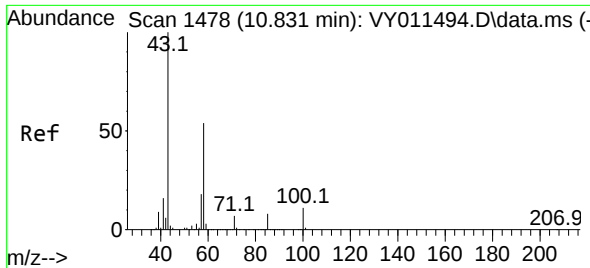
Tgt Ion: 63 Resp: 73600

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

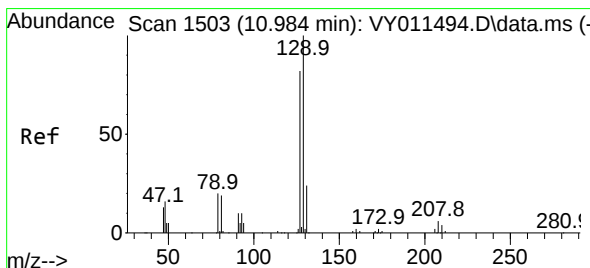
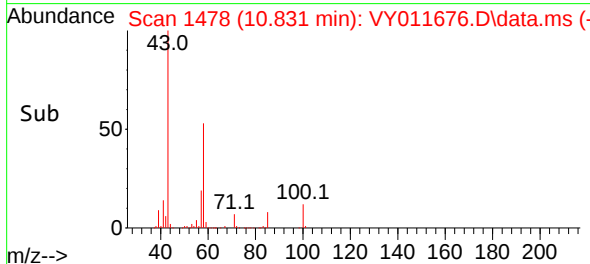
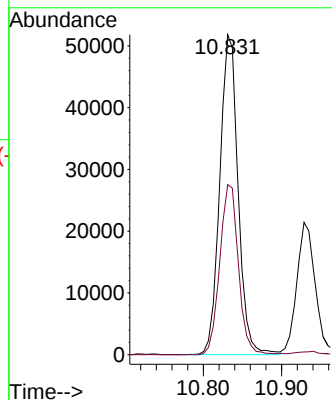
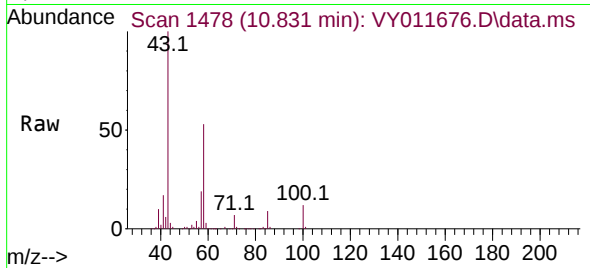




#59
2-Hexanone
Concen: 104.286 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

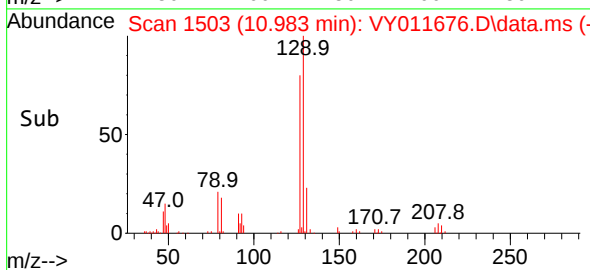
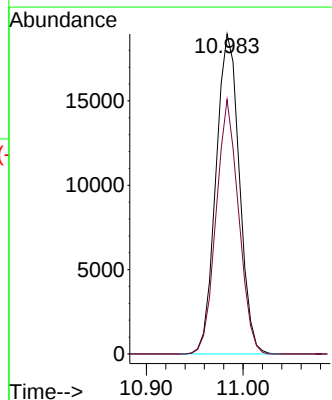
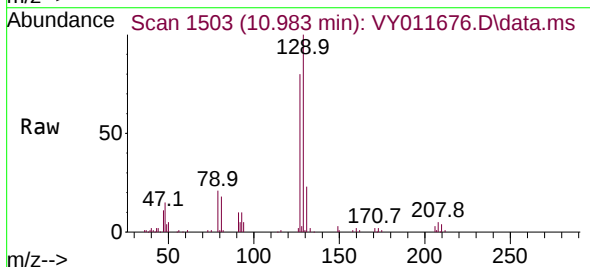
Instrument :
MSVOA_Y
ClientSampleId :

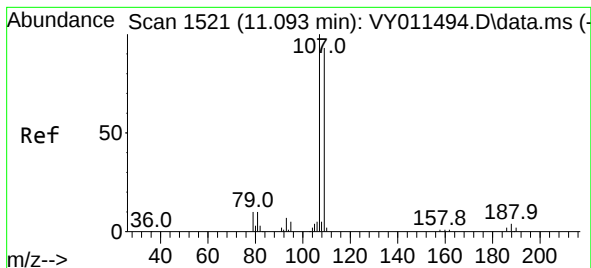
Tgt Ion: 43 Resp: 84380
Ion Ratio Lower Upper
43 100
58 54.0 24.4 73.4



#60
Dibromochloromethane
Concen: 21.984 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 129 Resp: 31857
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

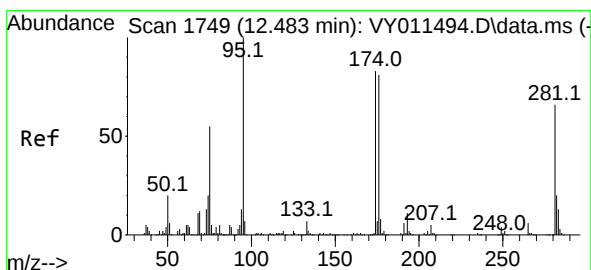
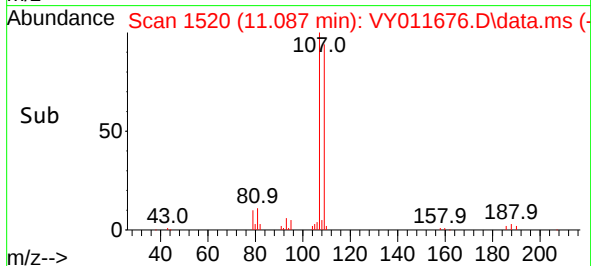
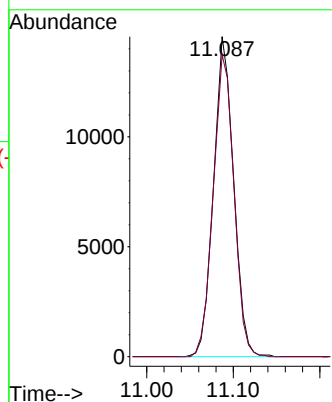
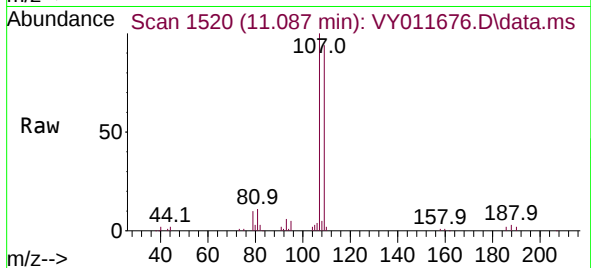




#61
1,2-Dibromoethane
Concen: 21.733 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

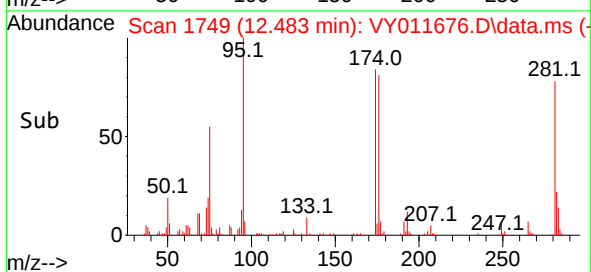
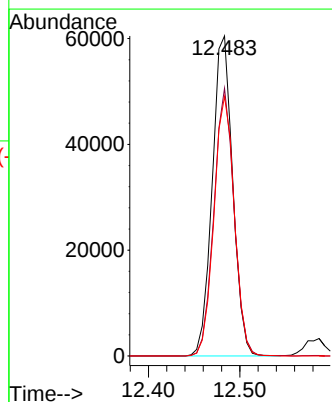
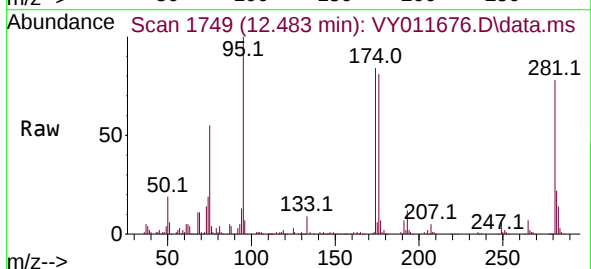
Instrument :
MSVOA_Y
ClientSampleId :

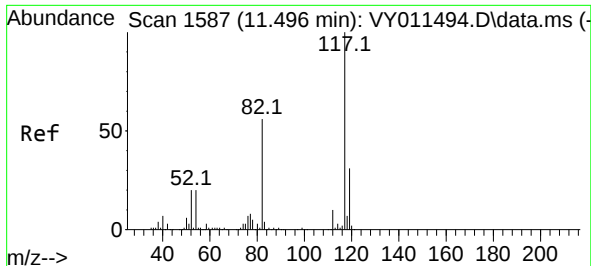
Tgt Ion:107 Resp: 23456
Ion Ratio Lower Upper
107 100
109 97.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 95 Resp: 94238
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 80.9 0.0 175.8

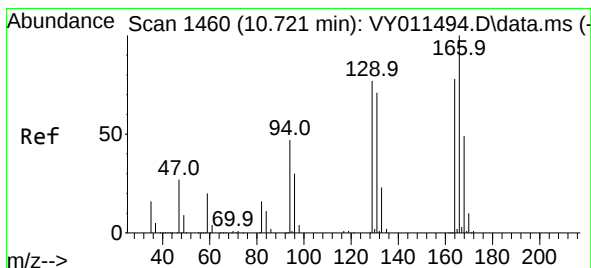
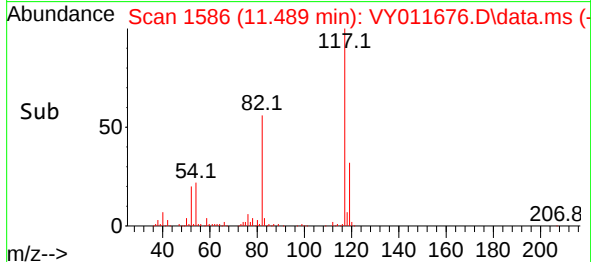
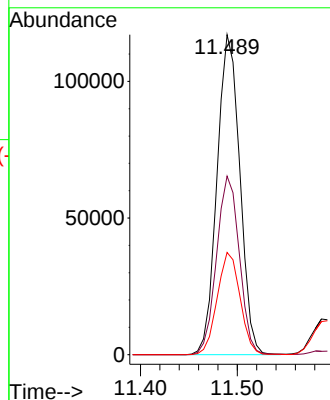
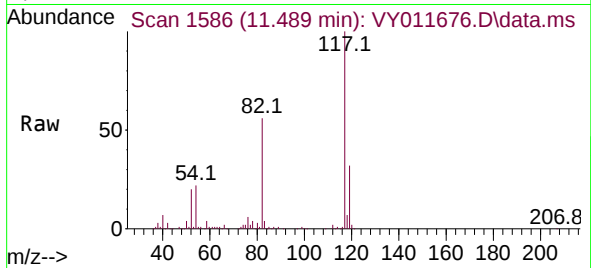




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

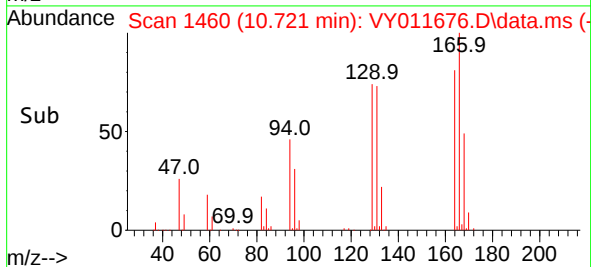
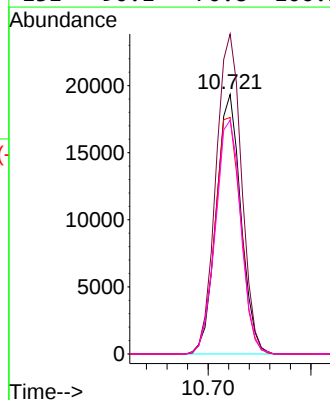
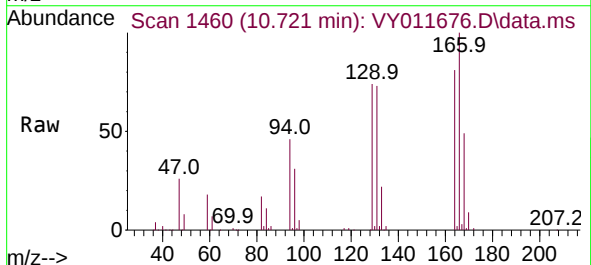
Instrument :
MSVOA_Y
ClientSampleId :

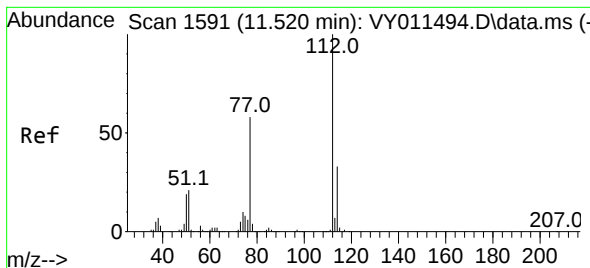
Tgt Ion:117 Resp: 191732
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 20.436 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion:164 Resp: 32289
Ion Ratio Lower Upper
164 100
166 123.3 100.4 150.6
129 91.1 71.4 107.0
131 90.1 70.8 106.2





#65

Chlorobenzene

Concen: 20.940 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

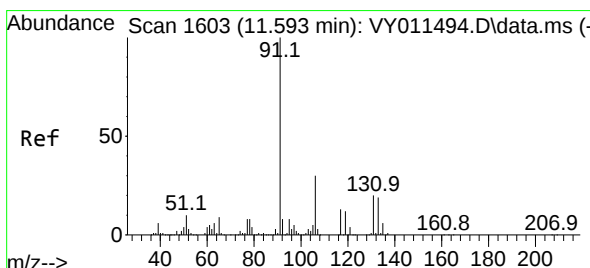
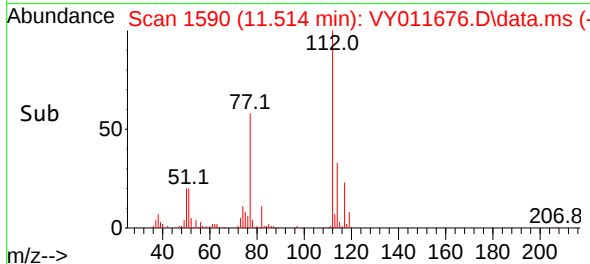
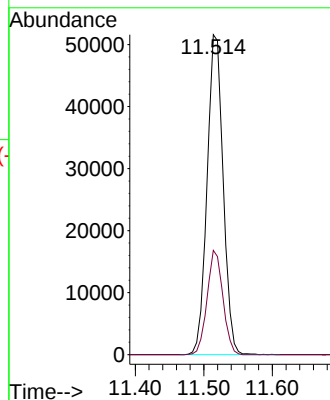
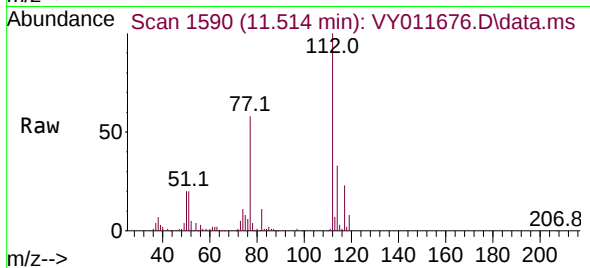
ClientSampleId :

Tgt Ion:112 Resp: 84071

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.062 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

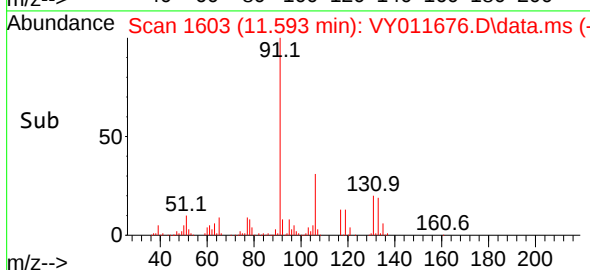
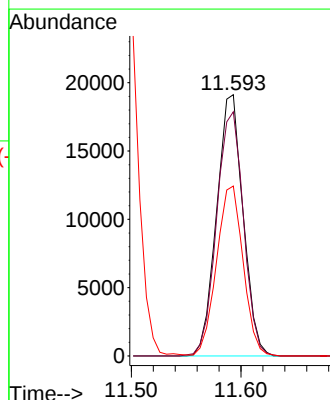
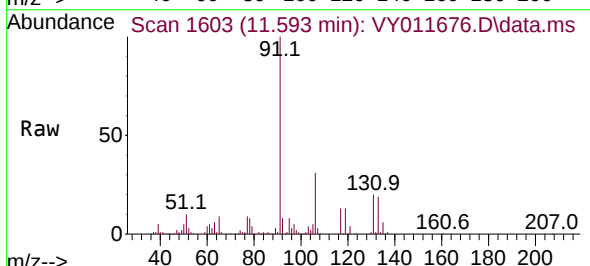
Tgt Ion:131 Resp: 32050

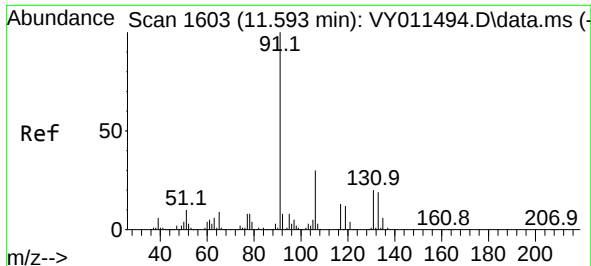
Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 20.077 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

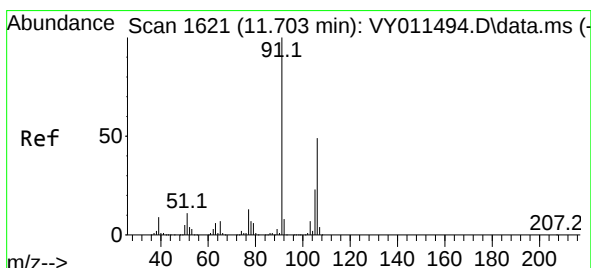
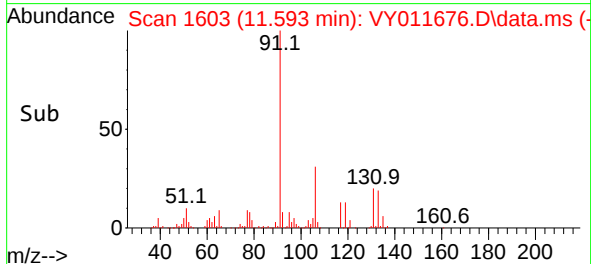
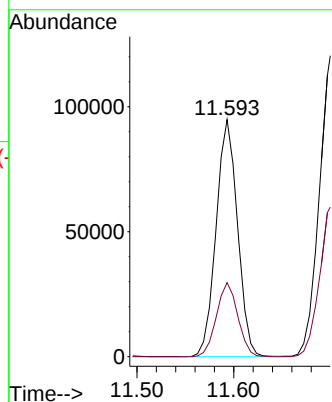
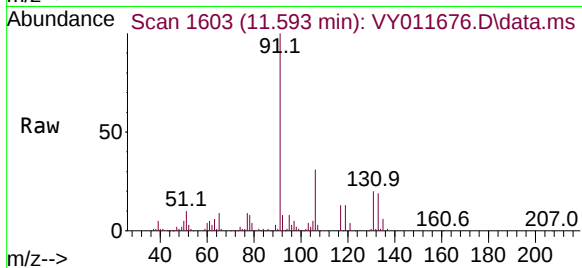
ClientSampleId :

Tgt Ion: 91 Resp: 145545

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 41.272 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011676.D

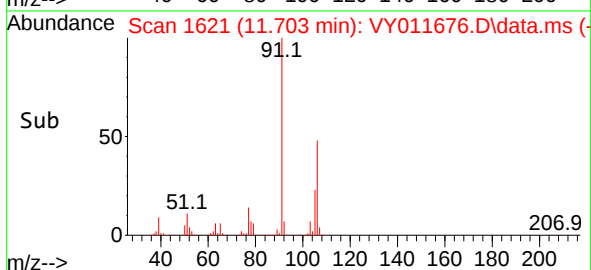
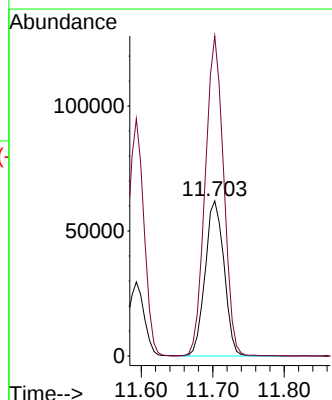
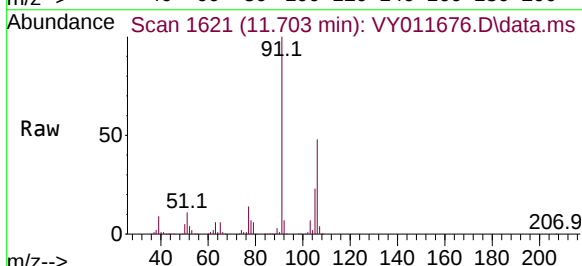
Acq: 02 Dec 2022 12:27

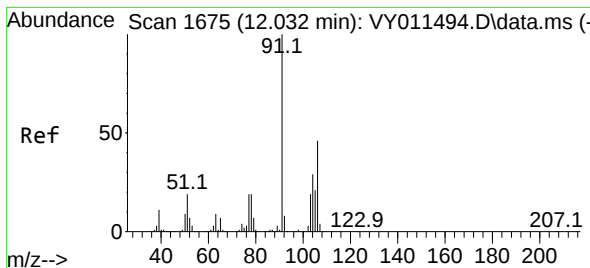
Tgt Ion: 106 Resp: 113894

Ion Ratio Lower Upper

106 100

91 201.6 166.6 249.8

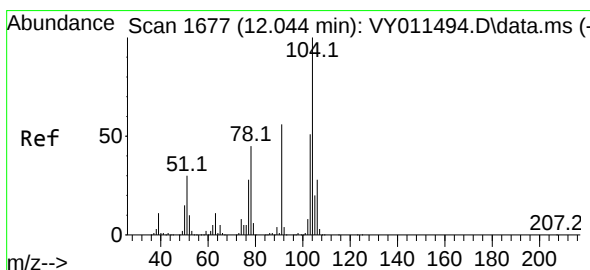
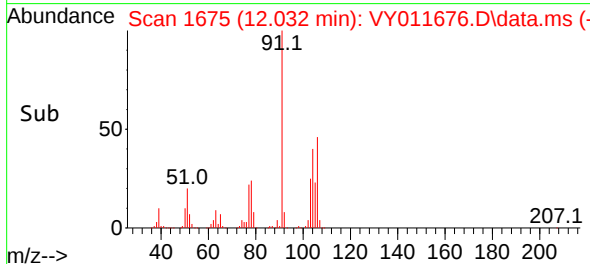
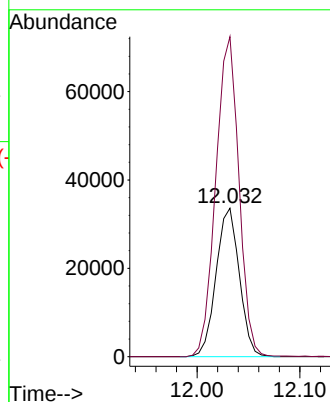
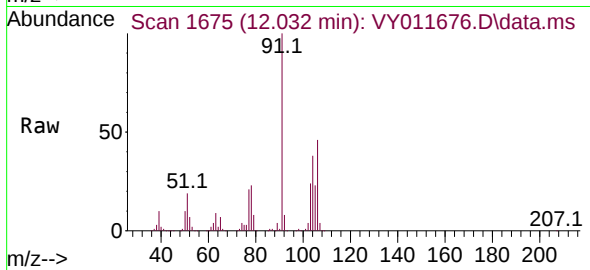




#69
o-Xylene
Concen: 20.546 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

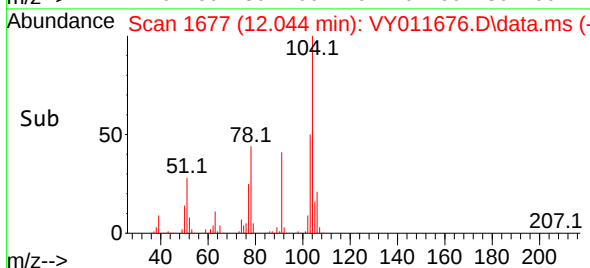
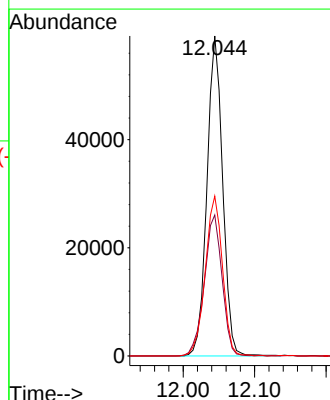
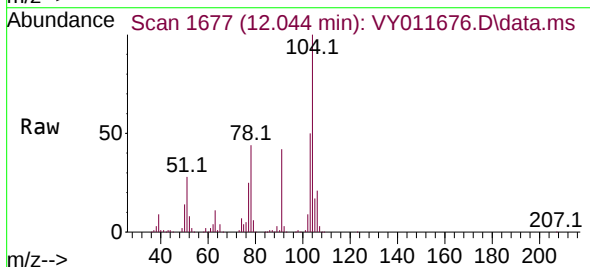
Instrument :
MSVOA_Y
ClientSampleId :

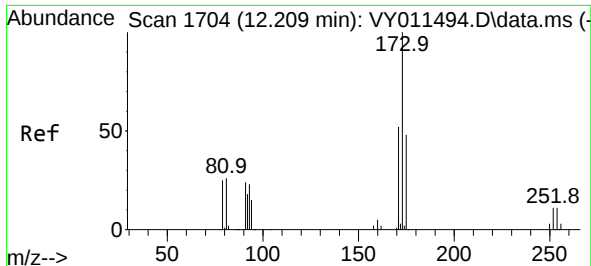
Tgt Ion:106 Resp: 52787
Ion Ratio Lower Upper
106 100
91 215.2 110.3 331.0



#70
Styrene
Concen: 20.644 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

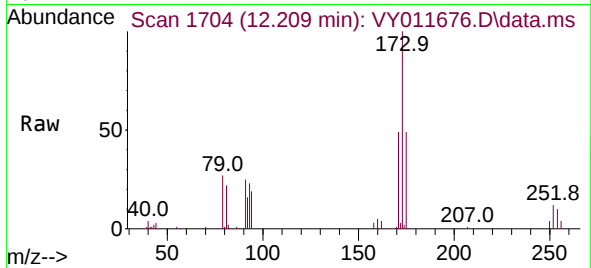
Tgt Ion:104 Resp: 90537
Ion Ratio Lower Upper
104 100
78 49.5 42.4 63.6
103 54.7 44.4 66.6



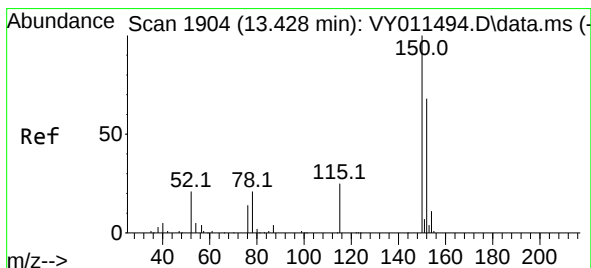
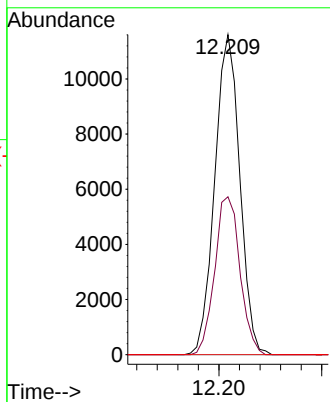
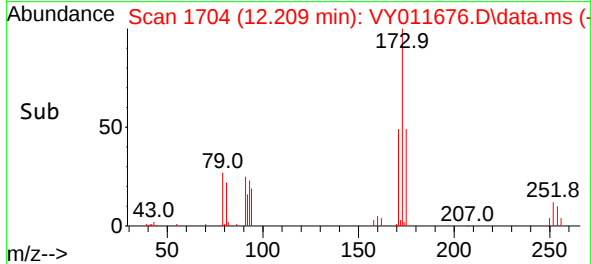


#71
Bromoform
Concen: 21.147 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

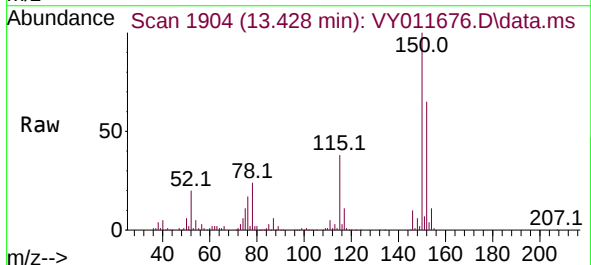
Instrument :
MSVOA_Y
ClientSampleId :



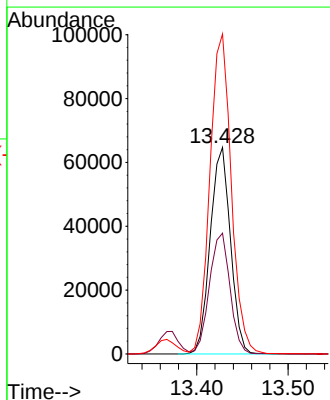
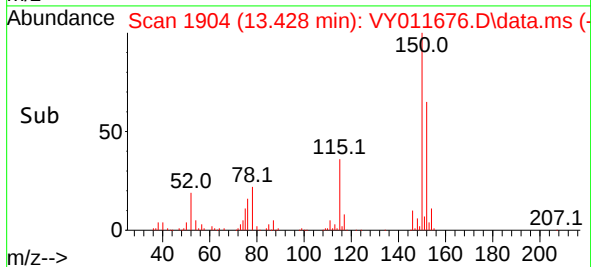
Tgt Ion:173 Resp: 19577
Ion Ratio Lower Upper
173 100
175 49.8 24.6 74.0
254 0.0 0.0 0.0

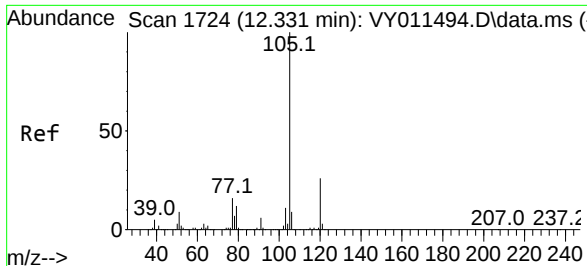


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27



Tgt Ion:152 Resp: 99345
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 163.9 0.0 347.6

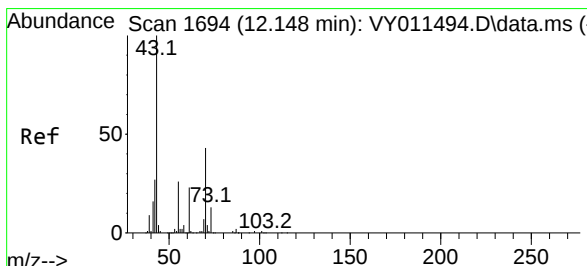
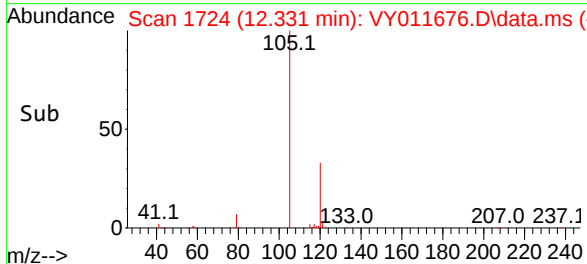
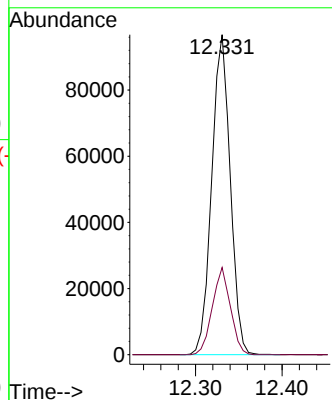
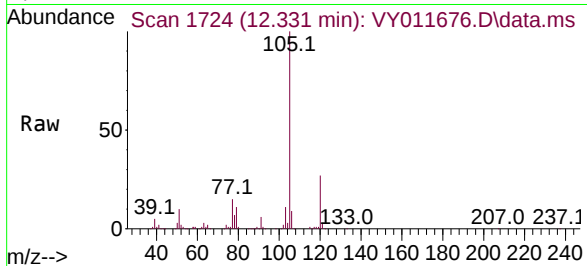




#73
Isopropylbenzene
Concen: 19.984 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

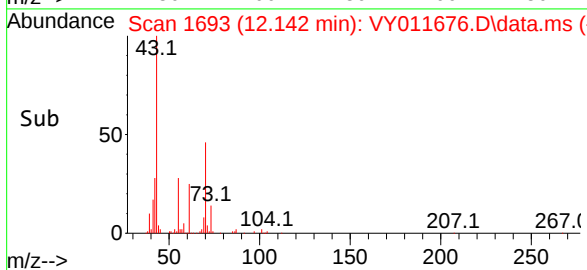
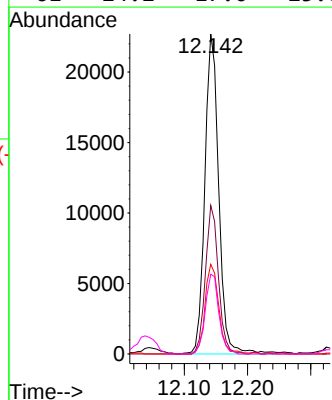
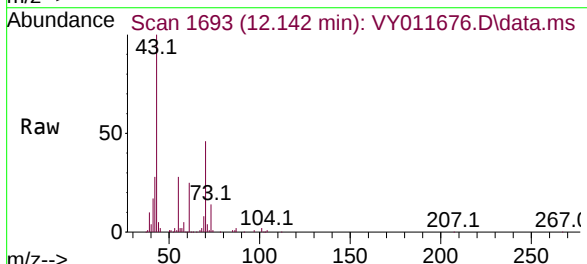
Instrument :
MSVOA_Y
ClientSampleId :

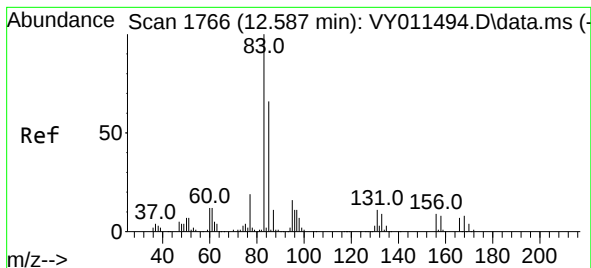
Tgt Ion:105 Resp: 143583
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 19.611 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 43 Resp: 34796
Ion Ratio Lower Upper
43 100
70 43.3 28.7 43.1#
55 27.8 17.3 25.9#
61 24.2 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.305 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

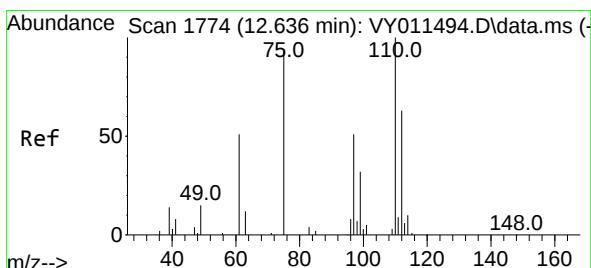
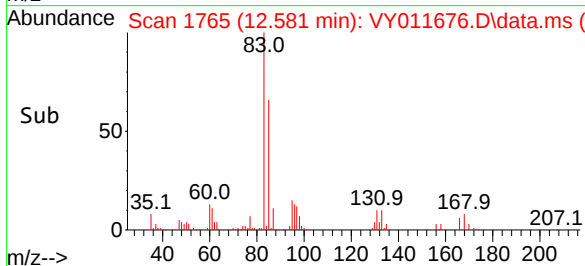
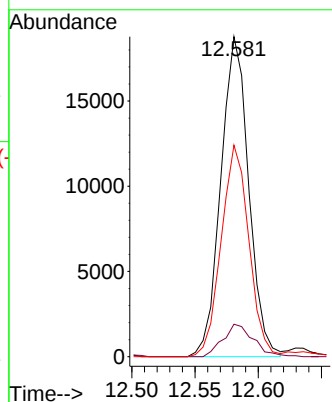
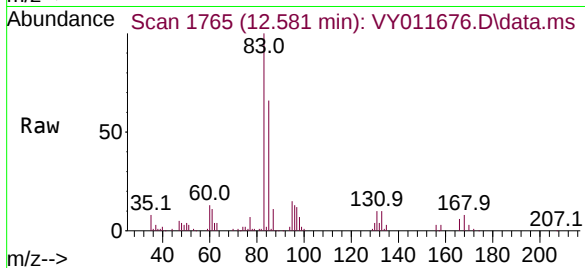
Tgt Ion: 83 Resp: 28748

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 65.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 37.429 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY011676.D

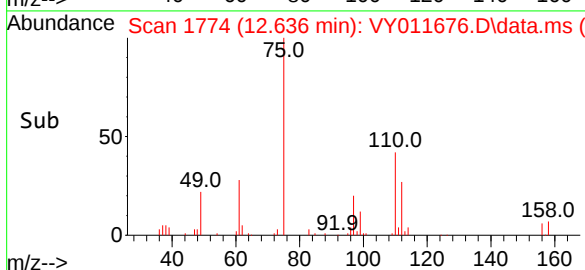
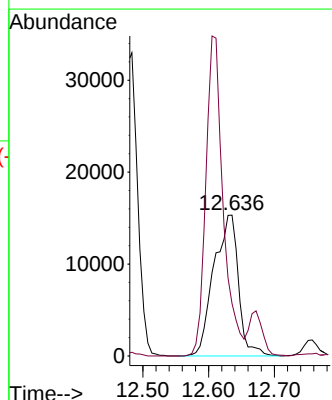
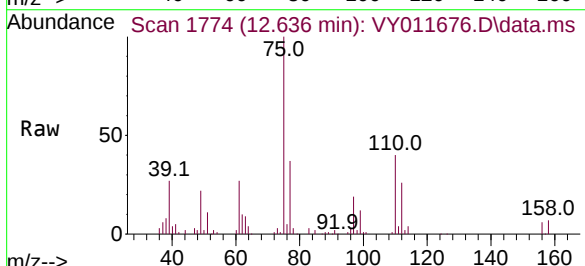
Acq: 02 Dec 2022 12:27

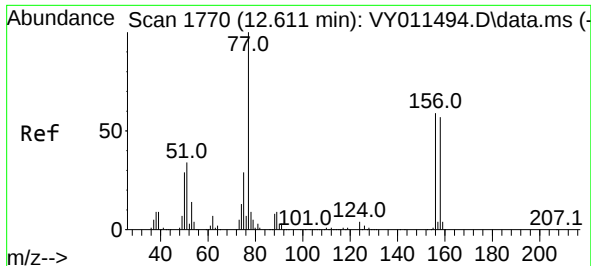
Tgt Ion: 75 Resp: 40044

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

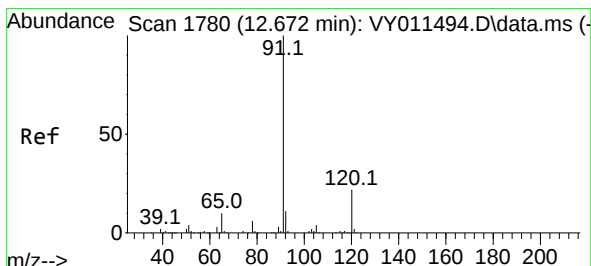
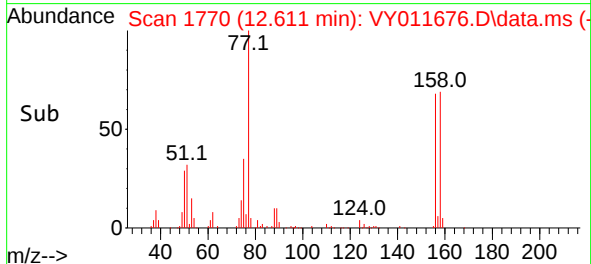
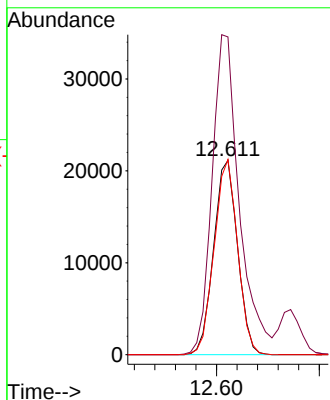
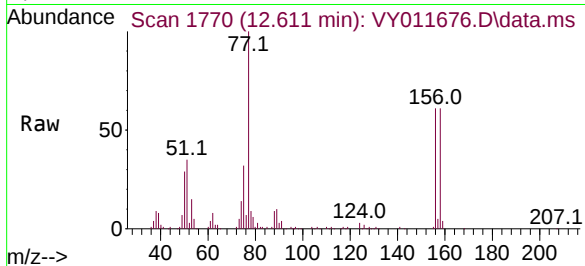




#77
Bromobenzene
Concen: 20.321 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

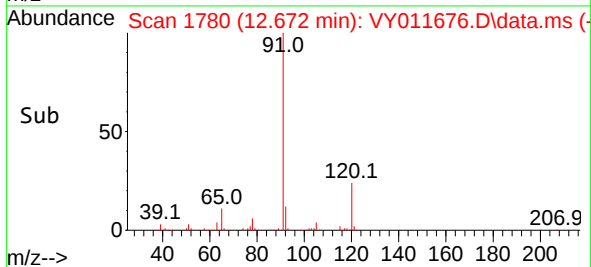
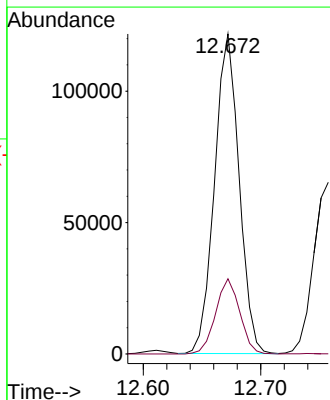
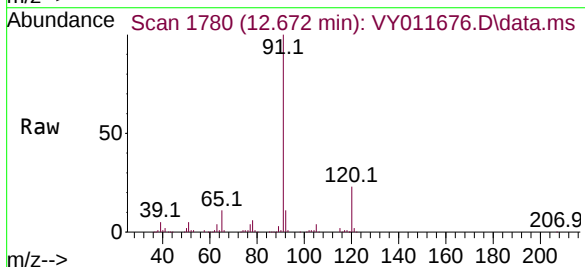
Instrument :
MSVOA_Y
ClientSampleId :

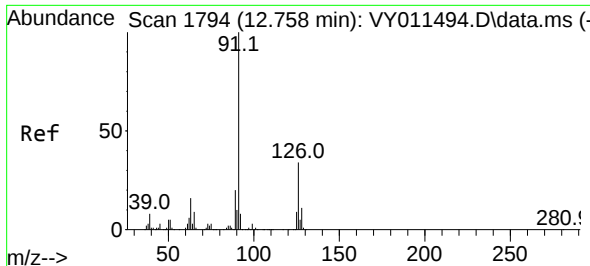
Tgt Ion:156 Resp: 34093
Ion Ratio Lower Upper
156 100
77 187.8 95.5 286.4
158 98.4 48.0 144.0



#78
n-propylbenzene
Concen: 20.136 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion: 91 Resp: 176503
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





#79

2-Chlorotoluene

Concen: 20.799 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

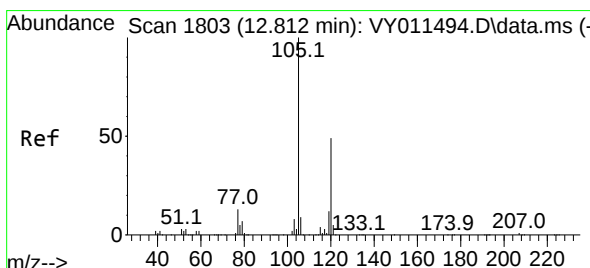
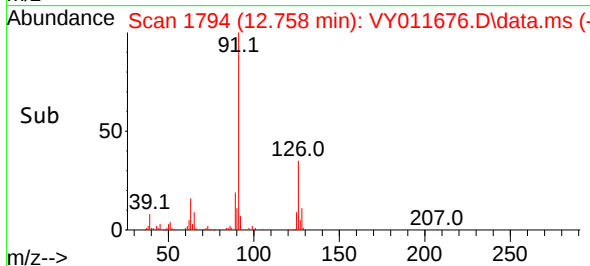
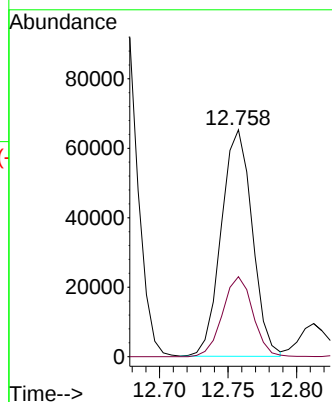
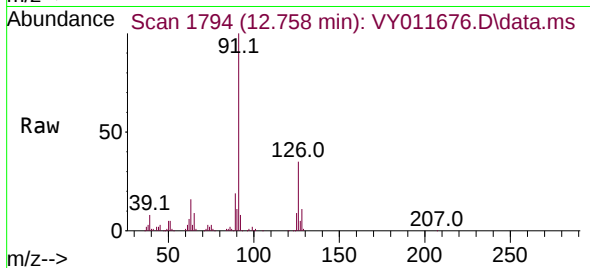
ClientSampleId :

Tgt Ion: 91 Resp: 102760

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 21.022 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY011676.D

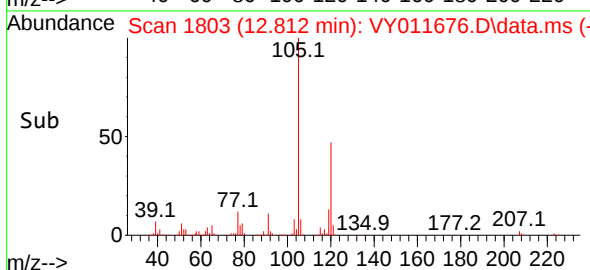
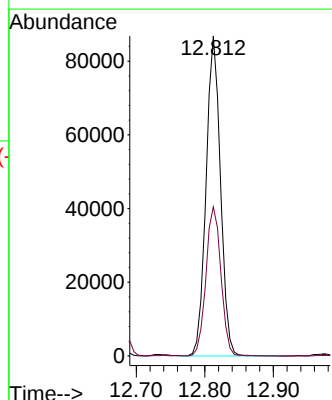
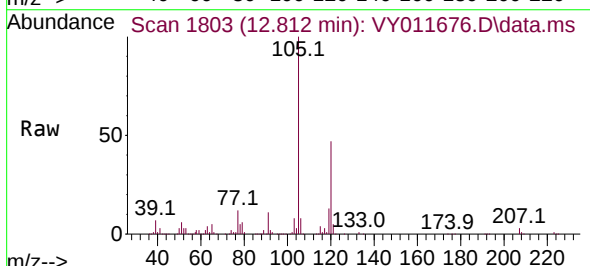
Acq: 02 Dec 2022 12:27

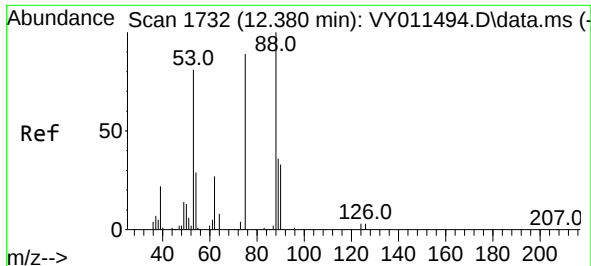
Tgt Ion: 105 Resp: 127319

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.4

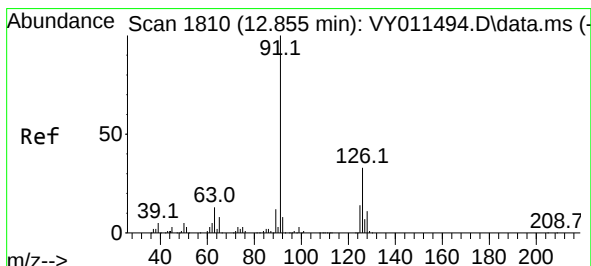
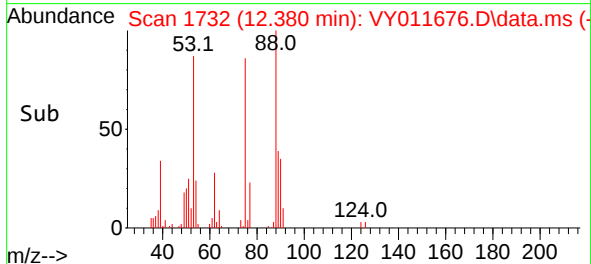
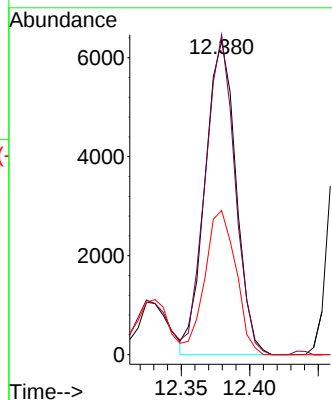
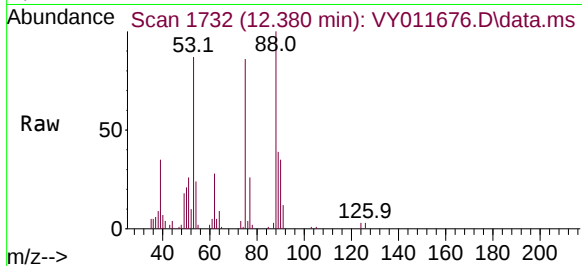




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.284 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

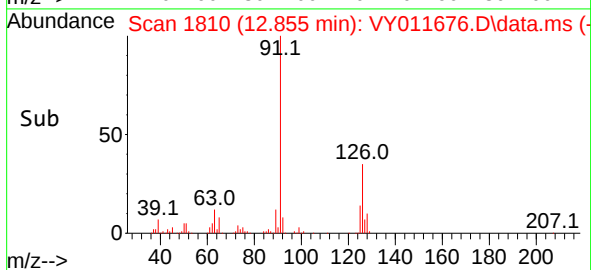
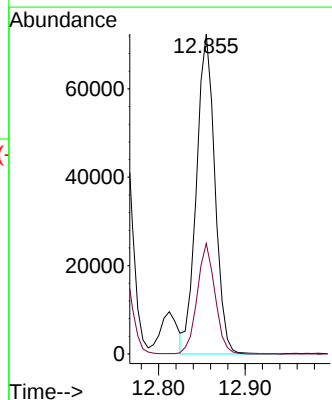
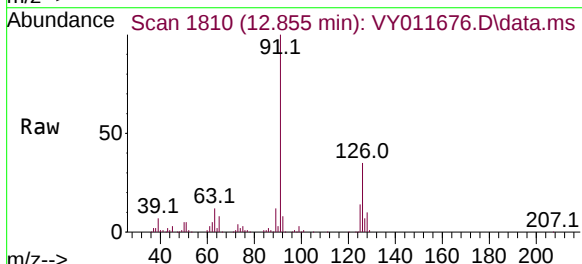
Instrument :
 MSVOA_Y
 ClientSampleId :

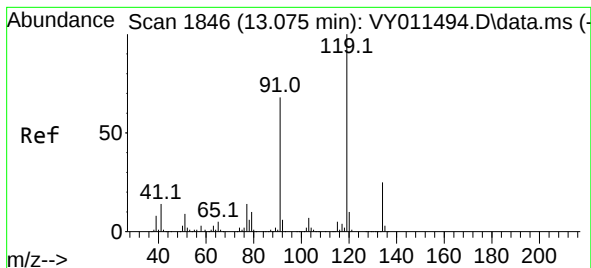
Tgt Ion: 75 Resp: 9908
 Ion Ratio Lower Upper
 75 100
 53 98.2 85.3 127.9
 89 46.4 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 20.734 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

Tgt Ion: 91 Resp: 107112
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.887 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

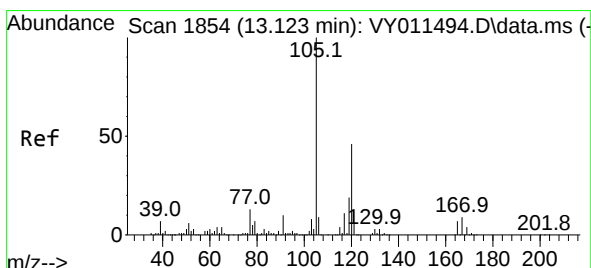
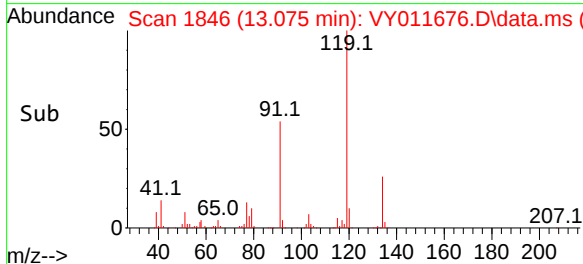
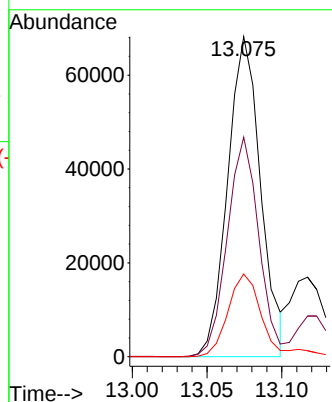
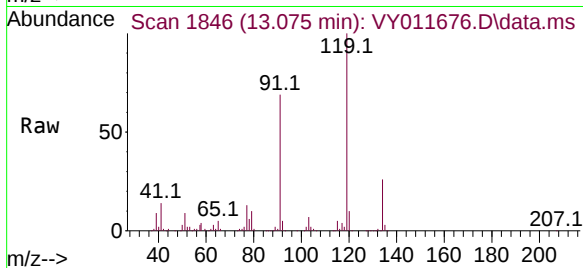
Tgt Ion:119 Resp: 104913

Ion Ratio Lower Upper

119 100

91 65.2 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.891 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY011676.D

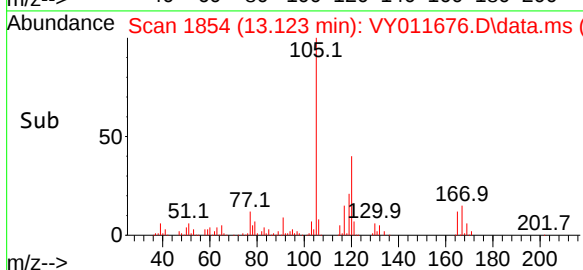
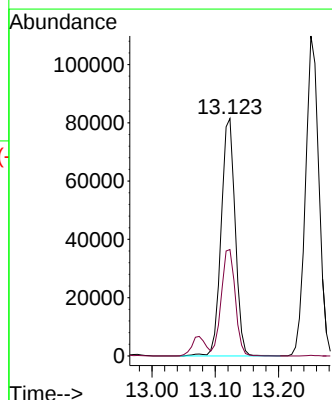
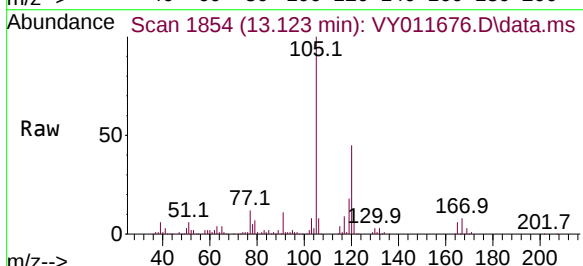
Acq: 02 Dec 2022 12:27

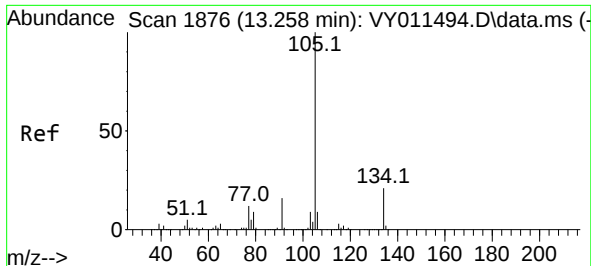
Tgt Ion:105 Resp: 124964

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9

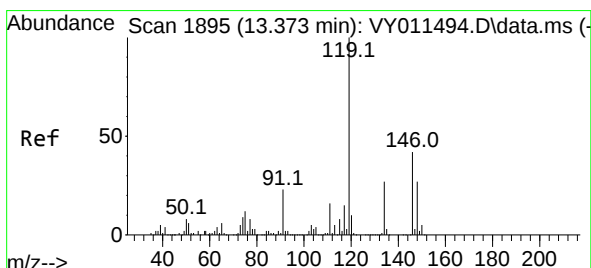
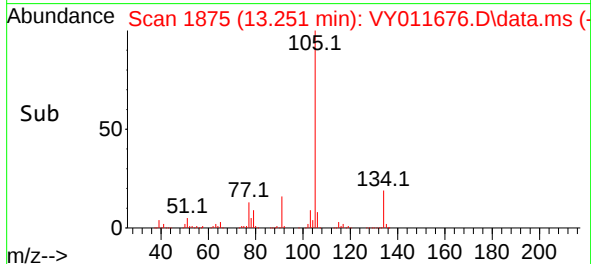
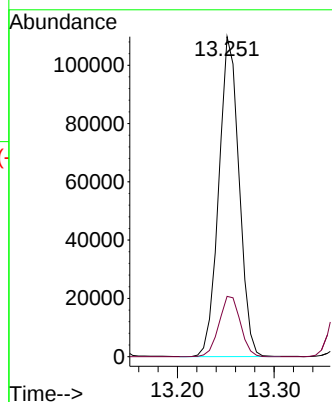
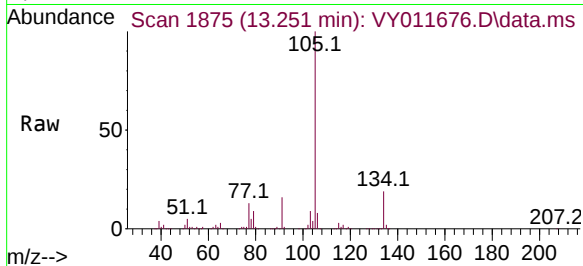




#85
 sec-Butylbenzene
 Concen: 20.291 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.007 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

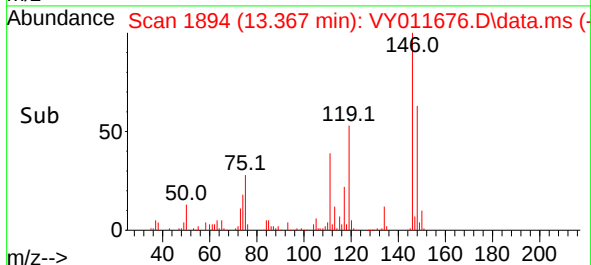
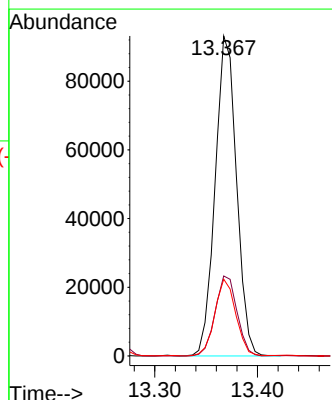
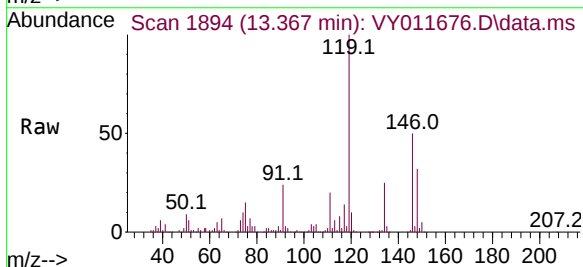
Instrument :
 MSVOA_Y
 ClientSampleId :

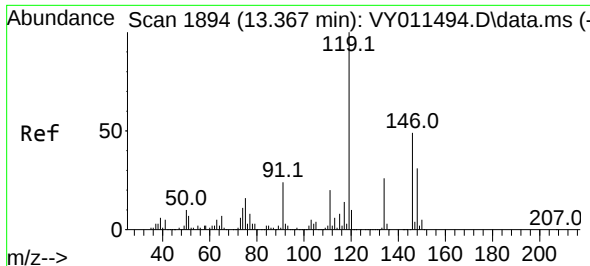
Tgt Ion:105 Resp: 159711
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.449 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

Tgt Ion:119 Resp: 134330
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 23.7 12.4 37.2

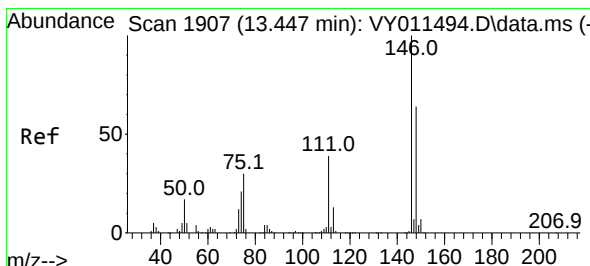
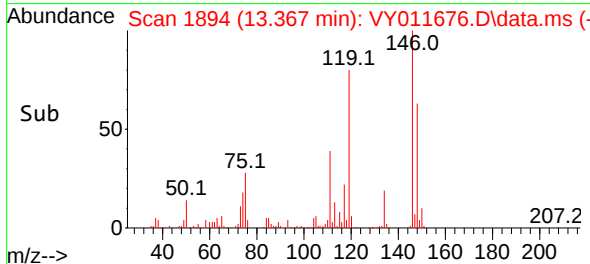
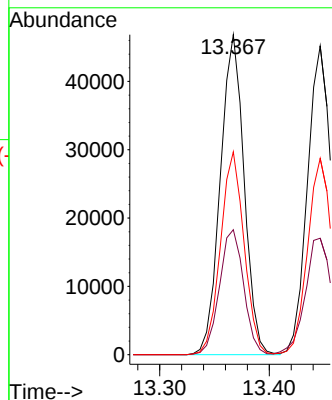
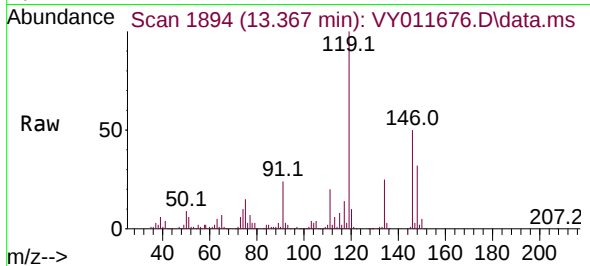




#87
1,3-Dichlorobenzene
Concen: 20.668 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

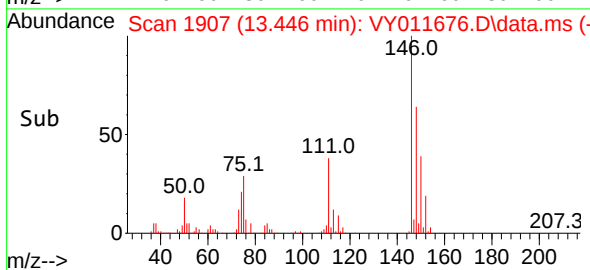
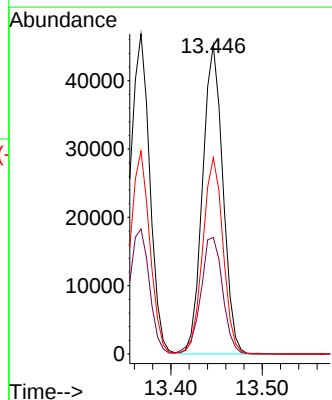
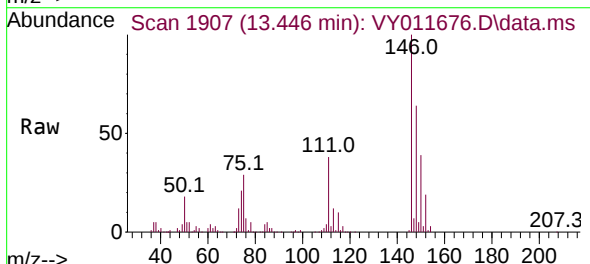
Instrument :
MSVOA_Y
ClientSampleId :

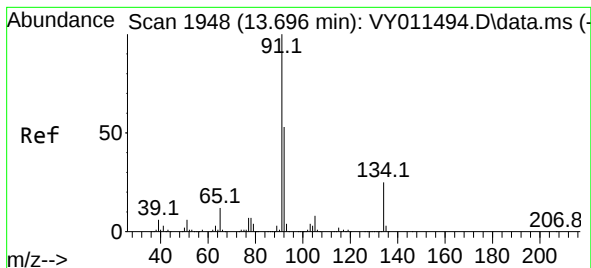
Tgt Ion:146 Resp: 70584
Ion Ratio Lower Upper
146 100
111 39.9 19.5 58.5
148 62.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.401 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY011676.D
Acq: 02 Dec 2022 12:27

Tgt Ion:146 Resp: 69667
Ion Ratio Lower Upper
146 100
111 40.7 19.3 57.8
148 63.4 32.6 97.8





#89

n-Butylbenzene

Concen: 20.094 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

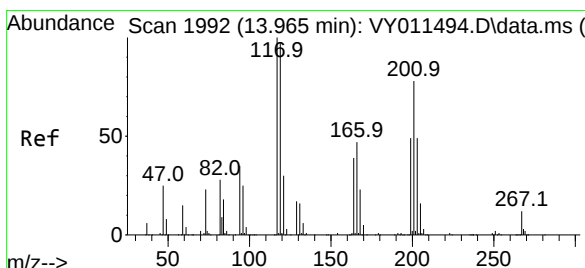
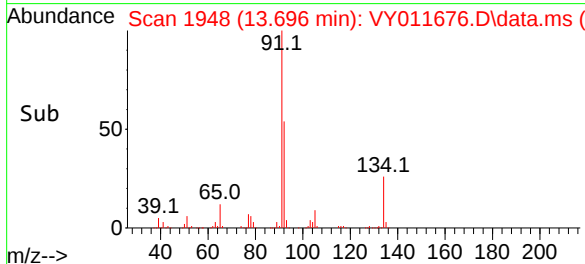
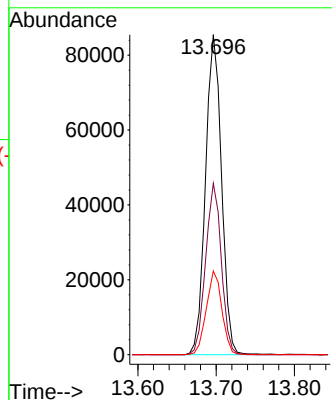
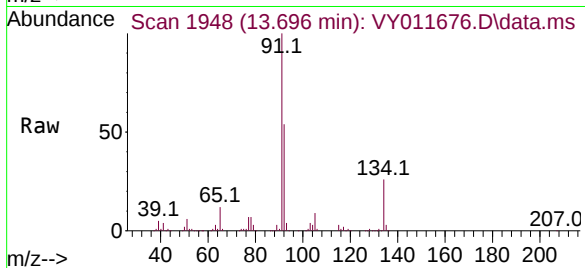
Tgt Ion: 91 Resp: 121342

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 20.104 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY011676.D

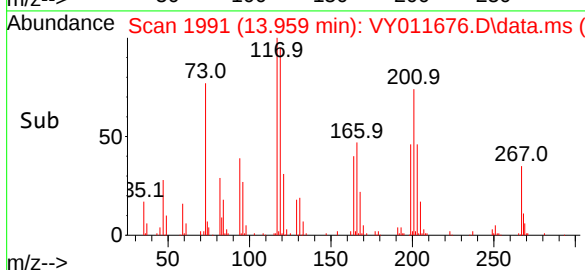
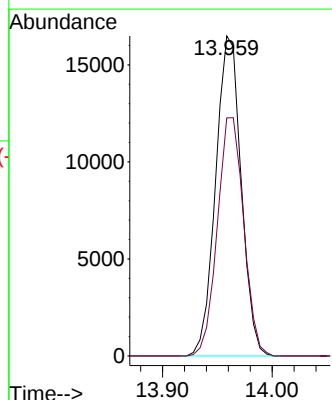
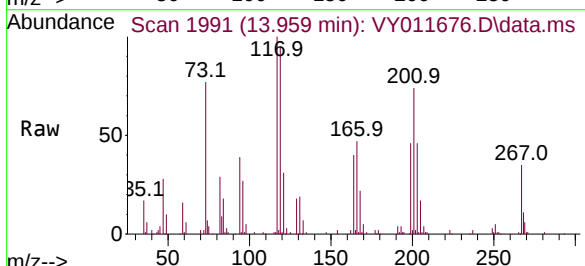
Acq: 02 Dec 2022 12:27

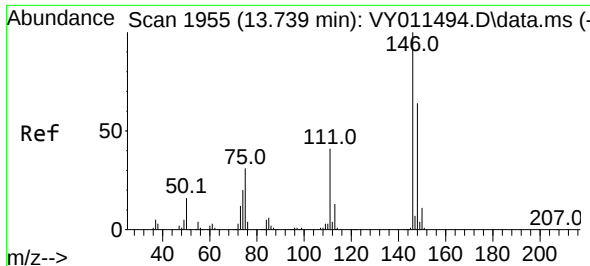
Tgt Ion: 117 Resp: 26669

Ion Ratio Lower Upper

117 100

201 76.9 43.0 128.8

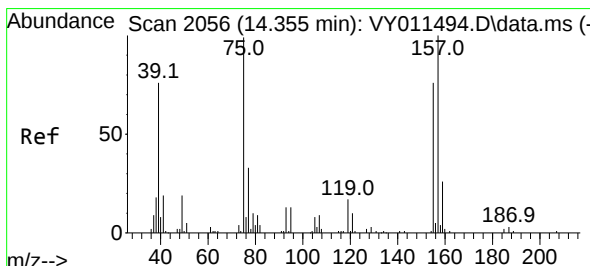
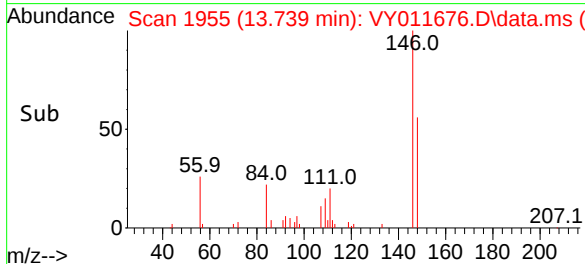
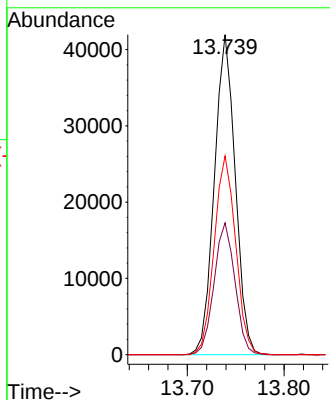
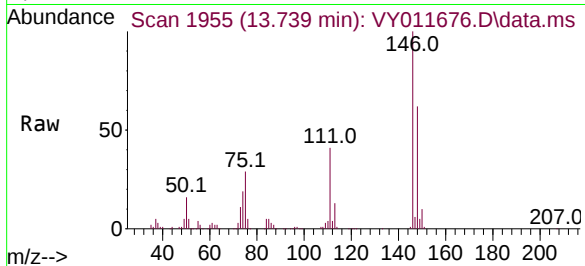




#91
 1,2-Dichlorobenzene
 Concen: 20.794 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

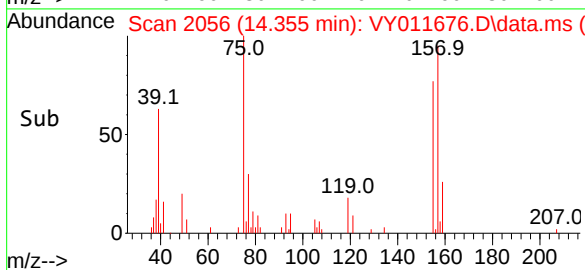
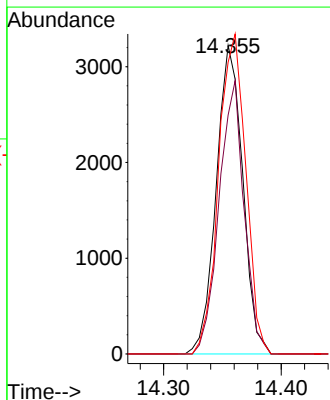
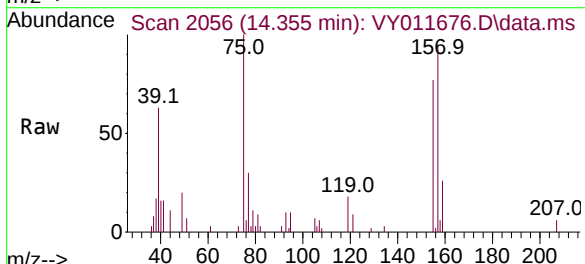
Instrument :
 MSVOA_Y
 ClientSampleId :

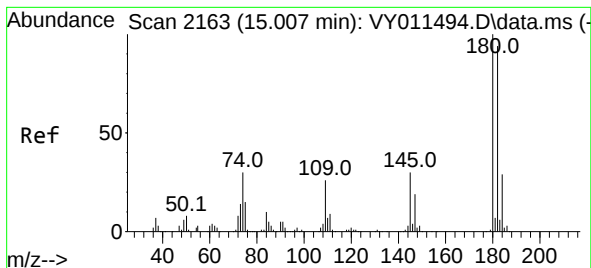
Tgt Ion:	146	Resp:	62950
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.9
148	63.9	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.741 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY011676.D
 Acq: 02 Dec 2022 12:27

Tgt Ion:	75	Resp:	5048
Ion	Ratio	Lower	Upper
75	100		
155	83.7	38.0	113.9
157	106.5	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.489 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011676.D

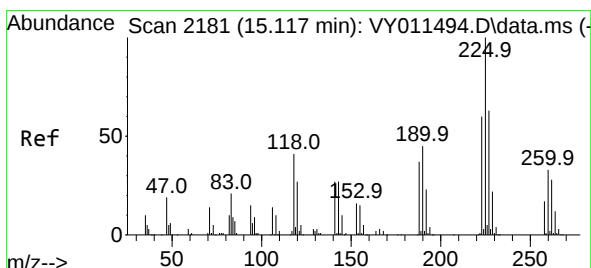
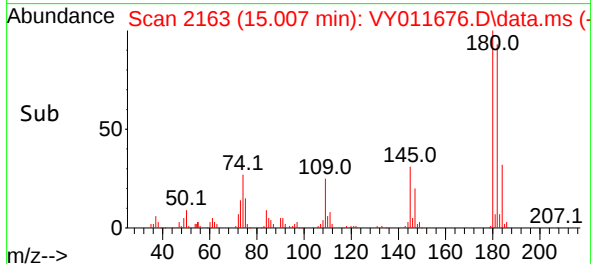
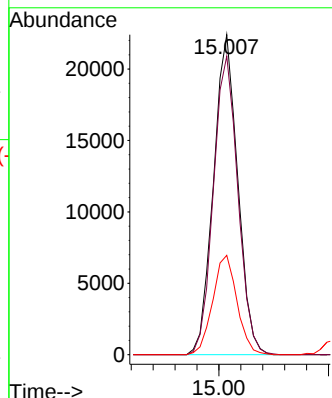
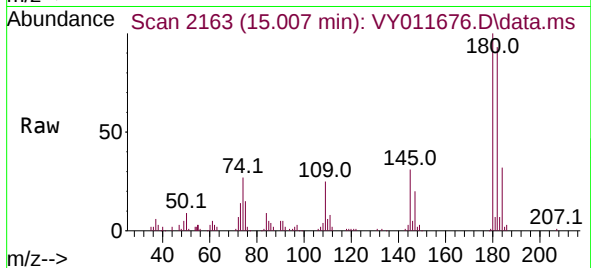
Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	34404
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.3 141.9
145	31.2	14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.889 ug/l

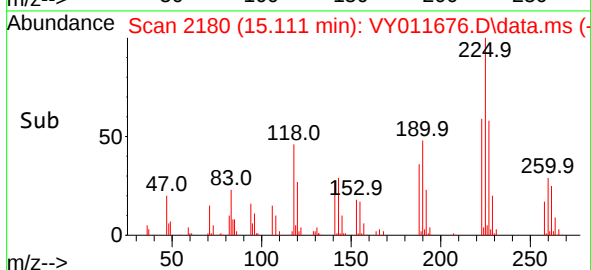
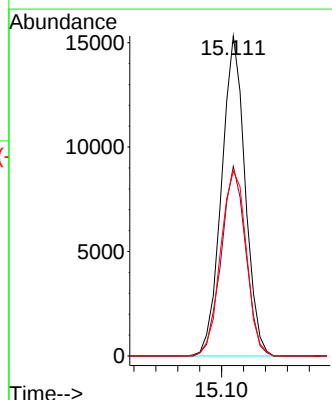
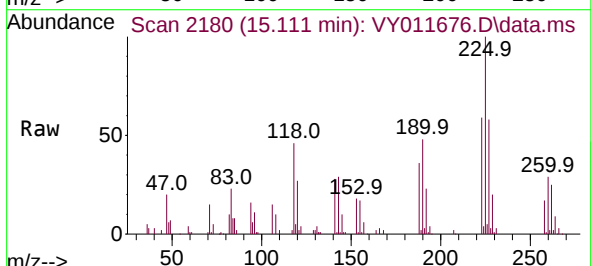
RT: 15.111 min Scan# 2180

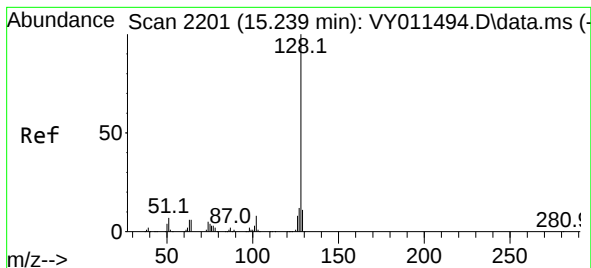
Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Tgt Ion:225	Resp:	22847
Ion Ratio	Lower	Upper
225	100	
223	61.5	30.8 92.3
227	63.0	31.6 94.7





#95

Naphthalene

Concen: 20.604 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

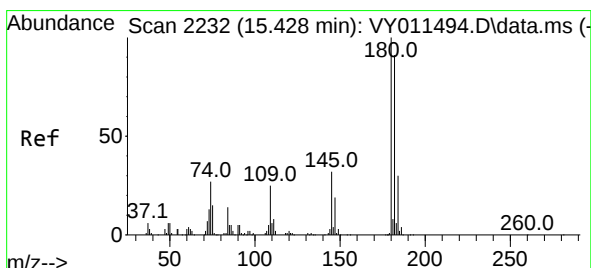
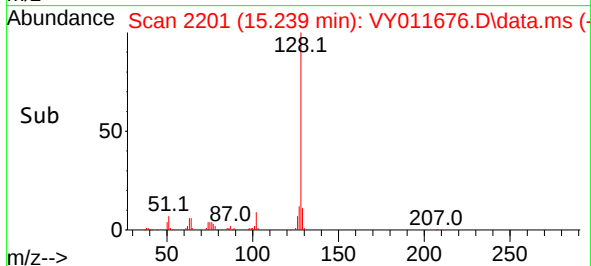
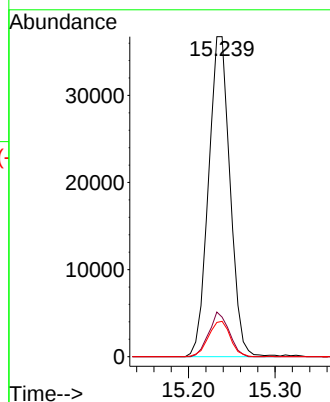
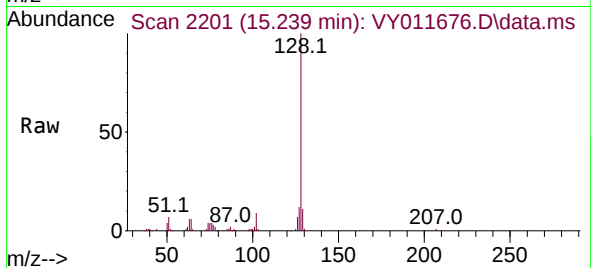
Tgt Ion:128 Resp: 63483

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.911 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY011676.D

Acq: 02 Dec 2022 12:27

Tgt Ion:180 Resp: 30091

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

145 32.9 15.3 45.9

