

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014791.D
 Acq On : 25 Jul 2023 10:59
 Operator : SY/MD
 Sample : VY0725SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

Quant Time: Jul 25 14:13:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	213122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	326750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	953	0.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.780%#
35) Dibromofluoromethane	7.722	113	428	0.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.380%#
50) Toluene-d8	10.179	98	3708	0.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.880%#
62) 4-Bromofluorobenzene	12.483	95	2107	0.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	1.300%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34088	19.632	ug/l	99
3) Chloromethane	2.107	50	45970	23.553	ug/l	97
4) Vinyl Chloride	2.247	62	51584	23.648	ug/l	95
5) Bromomethane	2.619	94	34856	24.179	ug/l	97
6) Chloroethane	2.778	64	32900	24.146	ug/l	98
7) Trichlorofluoromethane	3.113	101	74094	20.225	ug/l	99
8) Diethyl Ether	3.522	74	27550	20.211	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	41730	18.584	ug/l	96
10) Methyl Iodide	4.076	142	45424	20.547	ug/l	97
11) Tert butyl alcohol	4.930	59	98704	190.649	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	40121	19.117	ug/l	95
13) Acrolein	3.723	56	25766	101.506	ug/l	99
14) Allyl chloride	4.466	41	67911	18.224	ug/l	96
15) Acrylonitrile	5.149	53	89089	118.522	ug/l	100
16) Acetone	3.942	43	89972	116.908	ug/l	94
17) Carbon Disulfide	4.180	76	110987	18.472	ug/l	99
18) Methyl Acetate	4.466	43	73972	25.047	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	141905	20.815	ug/l	99
20) Methylene Chloride	4.704	84	56714	20.165	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	46036	19.329	ug/l	94
22) Diisopropyl ether	6.113	45	145747	19.238	ug/l	91
23) Vinyl Acetate	6.052	43	458334	101.094	ug/l	96
24) 1,1-Dichloroethane	6.009	63	83083	19.166	ug/l	96
25) 2-Butanone	6.978	43	140282	124.594	ug/l	96
26) 2,2-Dichloropropane	6.972	77	80115	19.392	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	54200	19.551	ug/l	99
28) Bromochloromethane	7.332	49	41313	22.129	ug/l	94
29) Tetrahydrofuran	7.344	42	86964	125.437	ug/l	92
30) Chloroform	7.496	83	88056	19.699	ug/l	96
31) Cyclohexane	7.777	56	69792	17.312	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	76411	18.992	ug/l	99
36) 1,1-Dichloropropene	7.911	75	63914	18.588	ug/l	99
37) Ethyl Acetate	7.070	43	54779	23.139	ug/l	97
38) Carbon Tetrachloride	7.893	117	67220	18.493	ug/l	96
39) Methylcyclohexane	9.179	83	78371	17.494	ug/l	93
40) Benzene	8.155	78	187470	19.170	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	77260	63.447	ug/l #	39
42) 1,2-Dichloroethane	8.228	62	63417	20.478	ug/l	95
43) Isopropyl Acetate	8.271	43	95409	21.156	ug/l	97
44) Trichloroethene	8.935	130	52105	19.043	ug/l	97
45) 1,2-Dichloropropane	9.210	63	48011	18.801	ug/l	97
46) Dibromomethane	9.301	93	31930	20.611	ug/l	95
47) Bromodichloromethane	9.490	83	69332	18.989	ug/l	99
48) Methyl methacrylate	9.289	41	42679	21.032	ug/l	94
49) 1,4-Dioxane	9.295	88	11737	464.641	ug/l #	53
51) 4-Methyl-2-Pentanone	10.063	43	279721	118.135	ug/l	95
52) Toluene	10.240	92	119462	19.090	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	76387	19.126	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	80121	18.448	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	45276	20.981	ug/l	97
56) Ethyl methacrylate	10.508	69	67251	20.411	ug/l	91
57) 1,3-Dichloropropane	10.789	76	76185	20.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	171845	111.938	ug/l	93
59) 2-Hexanone	10.825	43	207016	119.889	ug/l	92
60) Dibromochloromethane	10.977	129	53657	20.280	ug/l	100
61) 1,2-Dibromoethane	11.081	107	44997	20.902	ug/l	99
64) Tetrachloroethene	10.715	164	52313	19.906	ug/l	97
65) Chlorobenzene	11.514	112	131579	18.897	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	50670	19.300	ug/l	99
67) Ethyl Benzene	11.587	91	231880	18.445	ug/l	100
68) m/p-Xylenes	11.697	106	178175	37.128	ug/l	95
69) o-Xylene	12.026	106	87896	18.805	ug/l	98
70) Styrene	12.038	104	149776	19.012	ug/l	97
71) Bromoform	12.203	173	36029	20.246	ug/l #	100
73) Isopropylbenzene	12.325	105	229120	17.725	ug/l	99
74) N-amyl acetate	12.142	43	82738	19.111	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	59486	20.180	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	78531	37.665	ug/l #	100
77) Bromobenzene	12.605	156	54332	18.413	ug/l	94
78) n-propylbenzene	12.666	91	272789	17.513	ug/l	99
79) 2-Chlorotoluene	12.752	91	156409	17.433	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	191484	17.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	20267	18.820	ug/l	95
82) 4-Chlorotoluene	12.849	91	162267	17.561	ug/l	99
83) tert-Butylbenzene	13.069	119	169169	17.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	190801	18.010	ug/l	98
85) sec-Butylbenzene	13.251	105	251800	17.925	ug/l	100
86) p-Isopropyltoluene	13.367	119	207339	18.077	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	107425	18.706	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	108637	18.878	ug/l	98
89) n-Butylbenzene	13.690	91	194687	17.447	ug/l	96
90) Hexachloroethane	13.959	117	40577	17.224	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	99977	19.002	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12054	21.382	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	60751	18.189	ug/l	96
94) Hexachlorobutadiene	15.105	225	32948	17.951	ug/l	97
95) Naphthalene	15.233	128	157996	20.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56325	18.975	ug/l	98

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QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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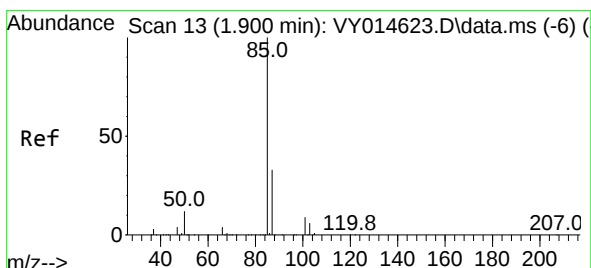
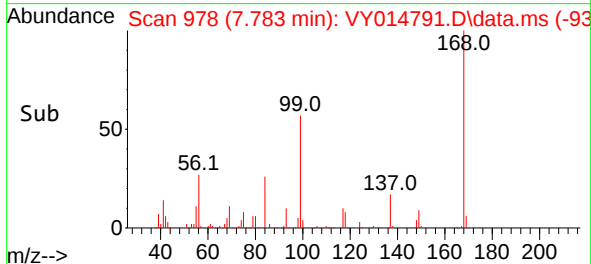
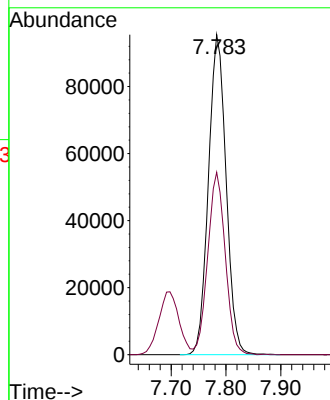
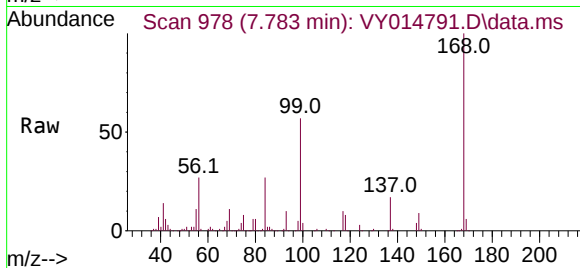
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

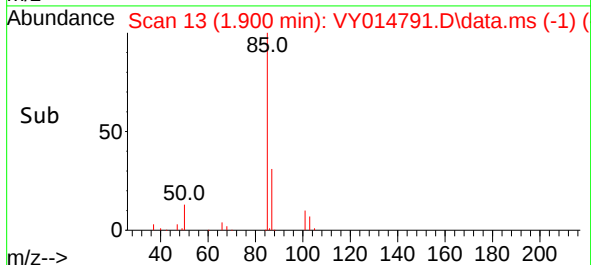
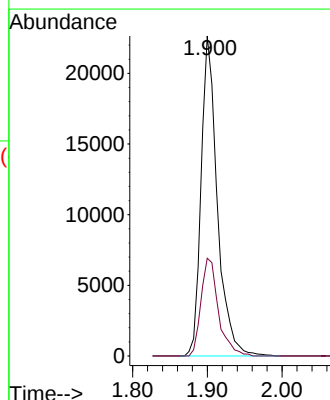
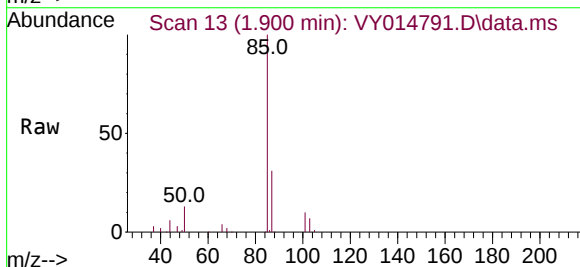
Instrument :
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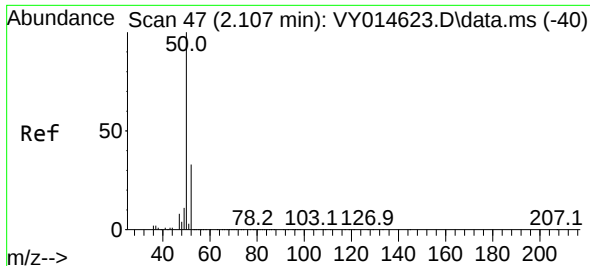
Tgt Ion:168 Resp: 213122
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.632 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 85 Resp: 34088
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8

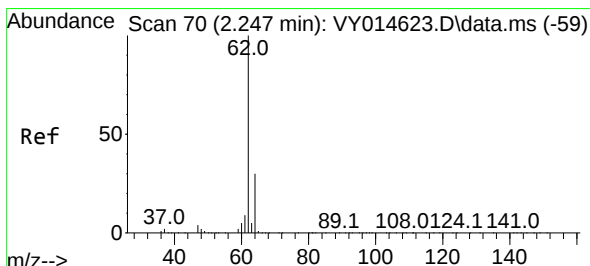
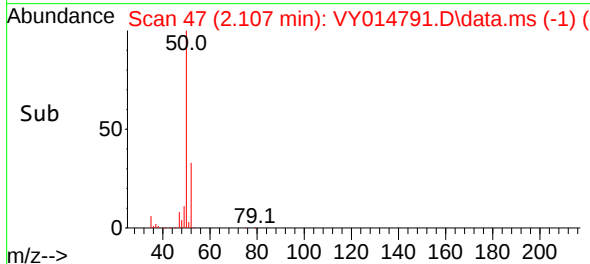
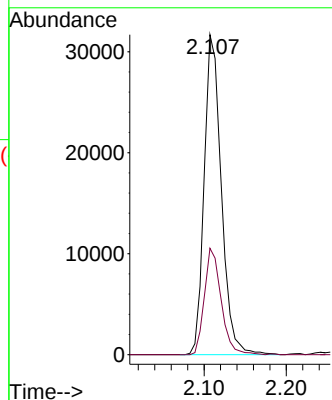
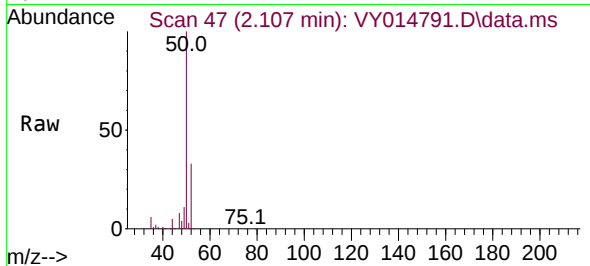




#3
Chloromethane
Concen: 23.553 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

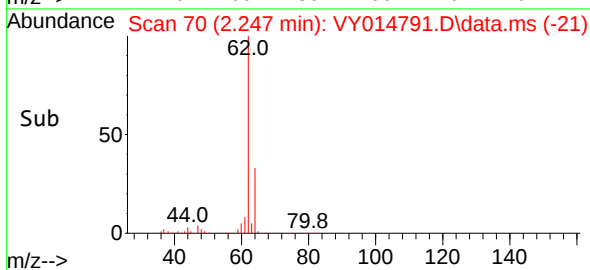
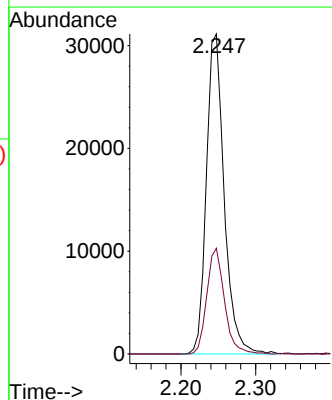
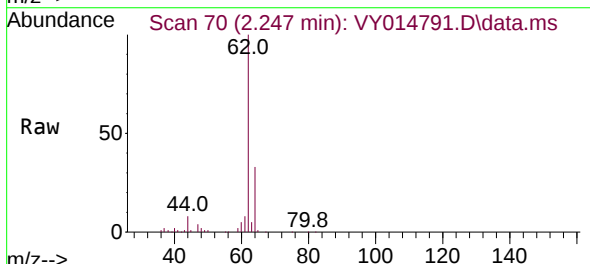
Instrument :
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ClientSampleId :
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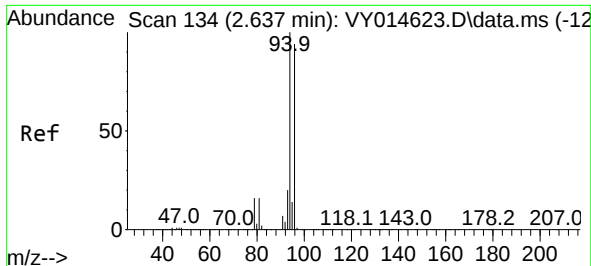
Tgt Ion: 50 Resp: 45970
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 23.648 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 62 Resp: 51584
Ion Ratio Lower Upper
62 100
64 33.0 24.3 36.5

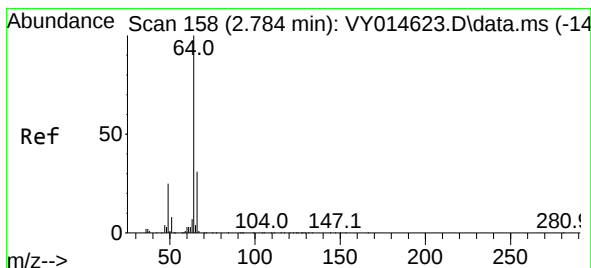
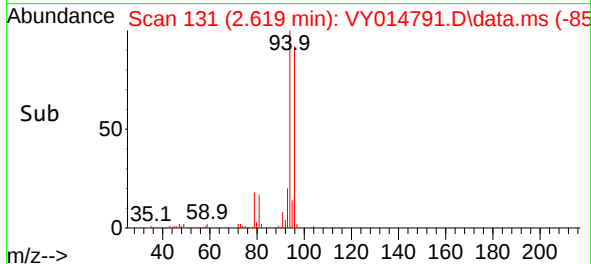
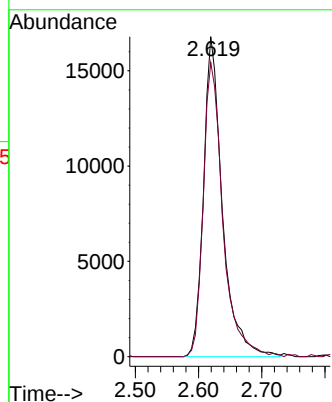
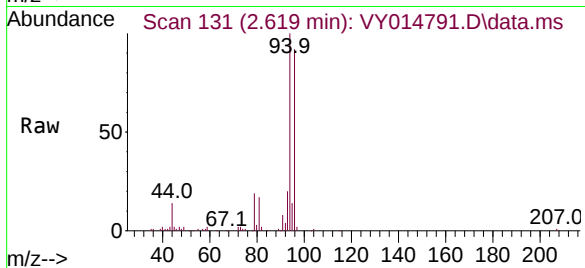




#5
Bromomethane
Concen: 24.179 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

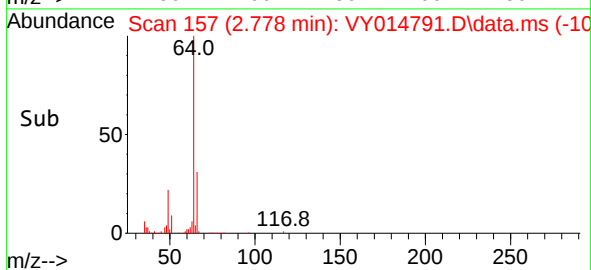
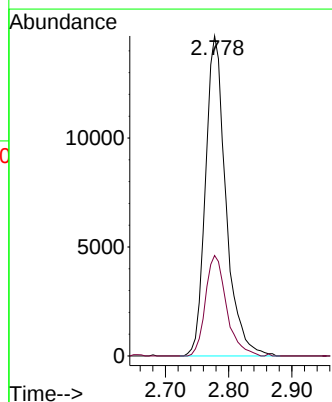
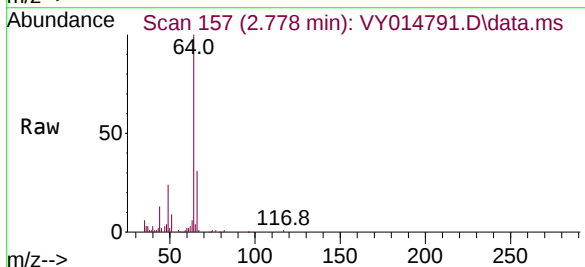
Instrument :
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Tgt Ion: 94 Resp: 34856
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.6



#6
Chloroethane
Concen: 24.146 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 64 Resp: 32900
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

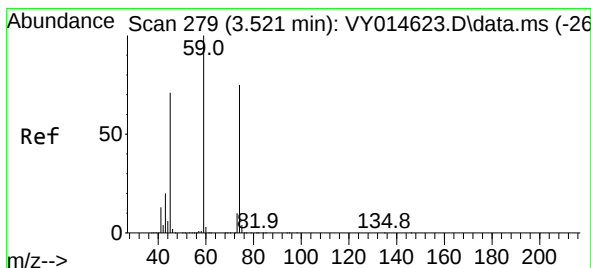
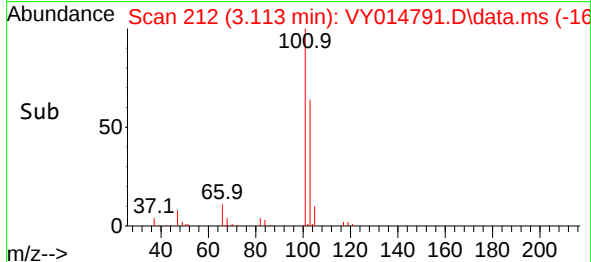
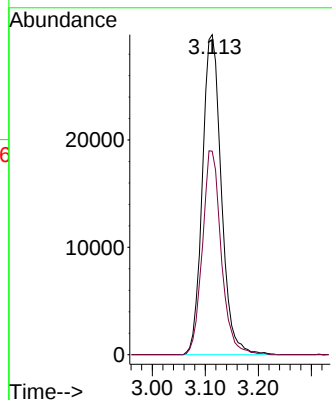
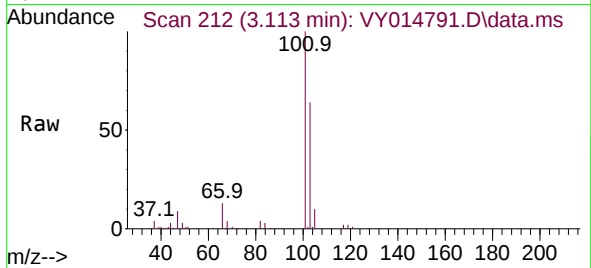




#7
 Trichlorofluoromethane
 Concen: 20.225 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014791.D
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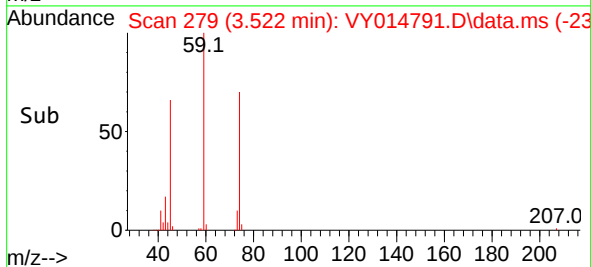
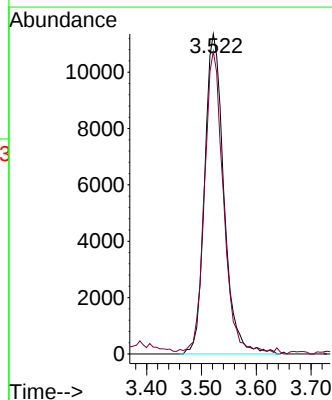
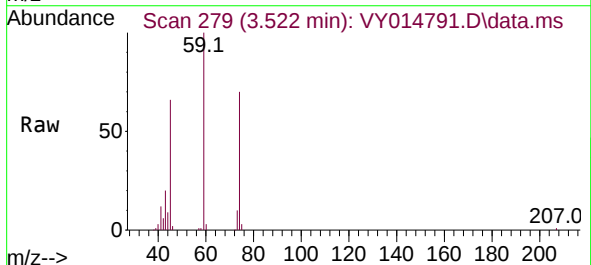
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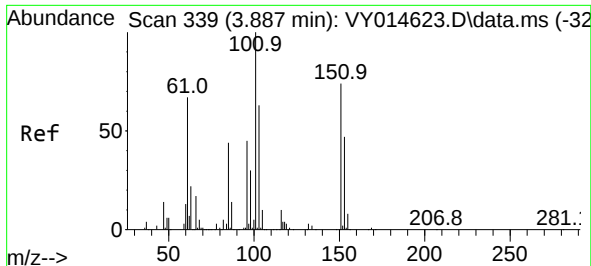
Tgt Ion:101 Resp: 74094
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.211 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: VY014791.D
 Acq: 25 Jul 2023 10:59

Tgt Ion: 74 Resp: 27550
 Ion Ratio Lower Upper
 74 100
 45 91.3 51.5 154.5

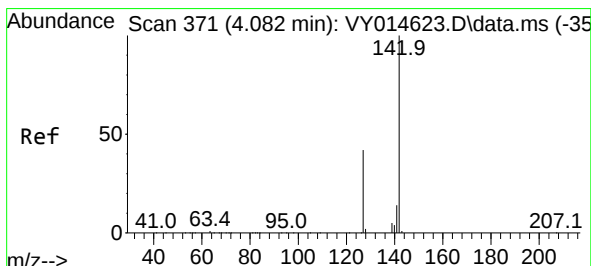
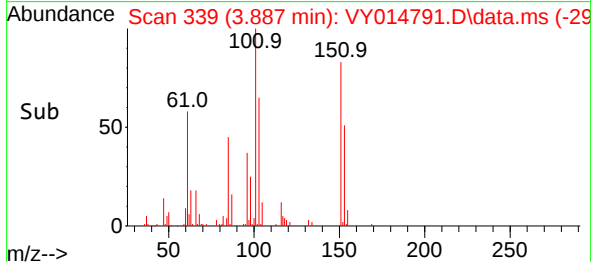
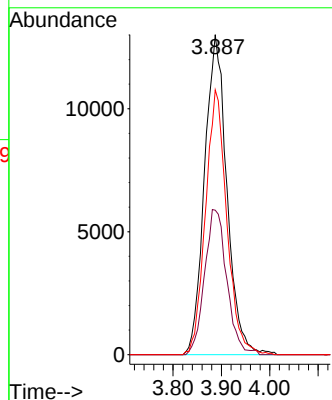
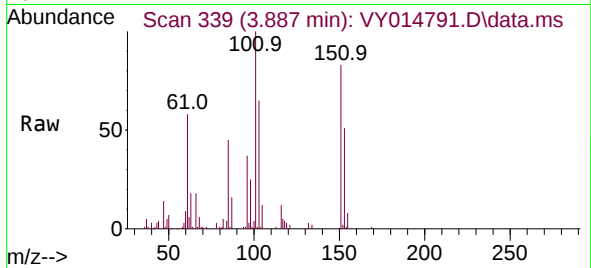




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.584 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

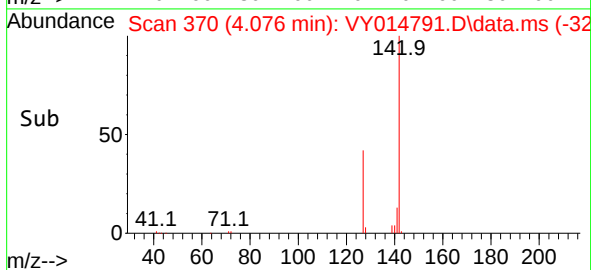
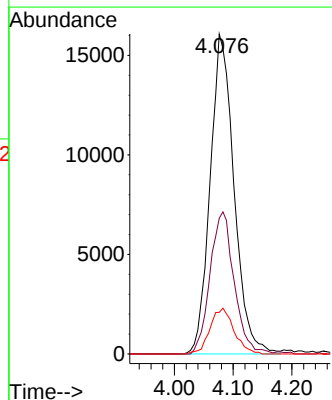
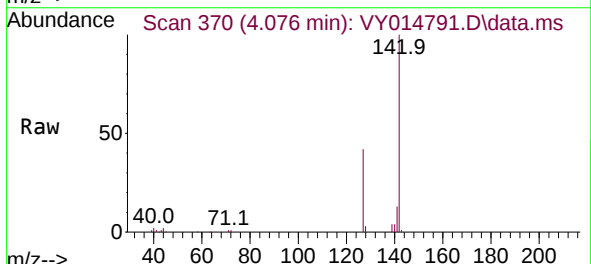
Instrument :
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Tgt Ion:101 Resp: 41730
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 20.547 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion:142 Resp: 45424
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.3 11.8 17.8

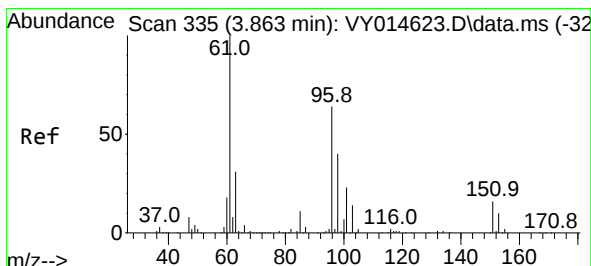
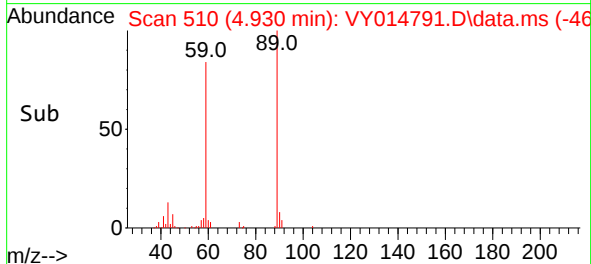
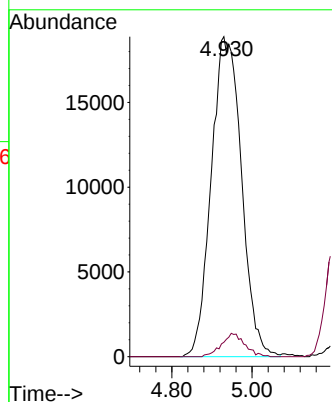
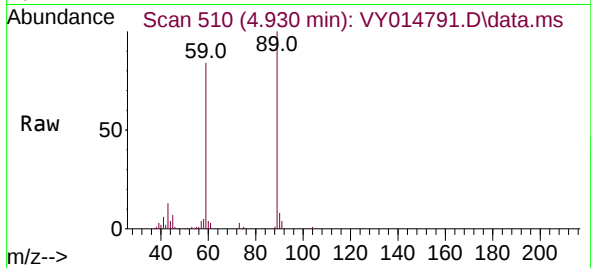




#11
Tert butyl alcohol
Concen: 190.649 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

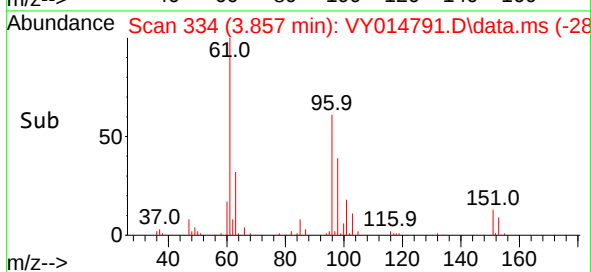
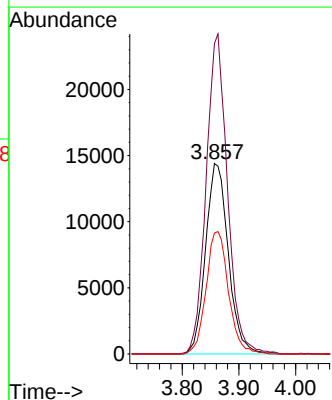
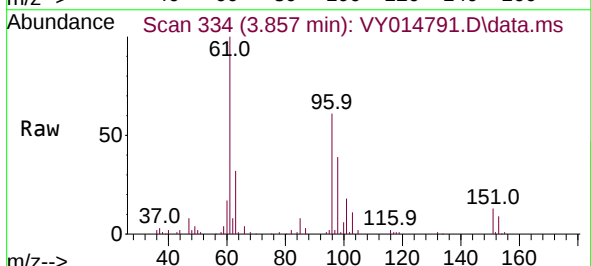
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

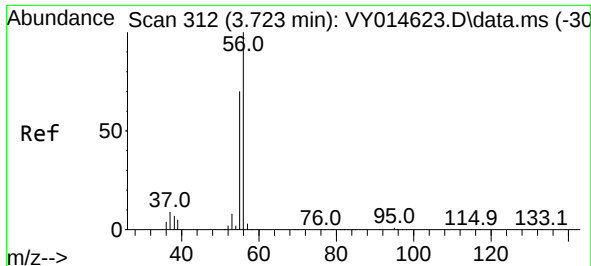
Tgt Ion: 59 Resp: 98704
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.117 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 96 Resp: 40121
Ion Ratio Lower Upper
96 100
61 163.1 136.4 204.6
98 63.5 49.4 74.2

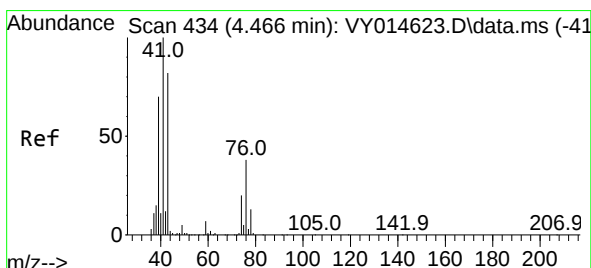
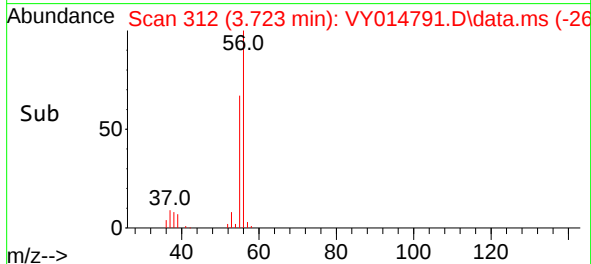
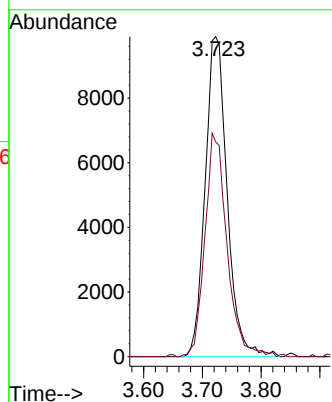
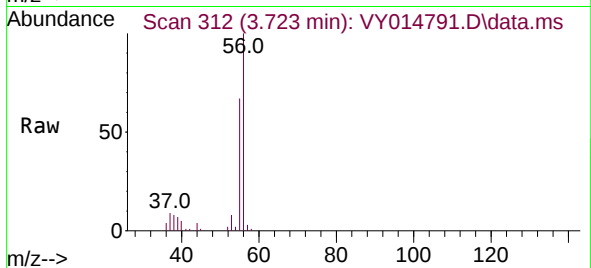




#13
Acrolein
Concen: 101.506 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

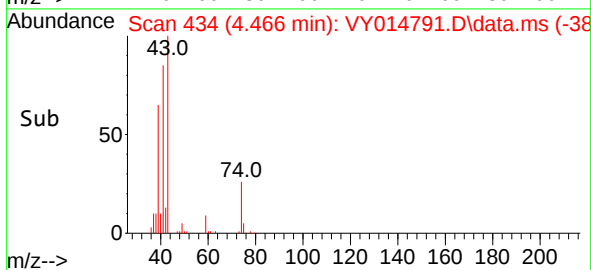
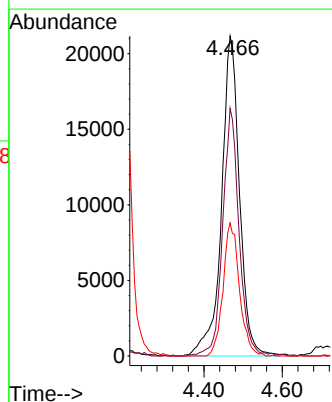
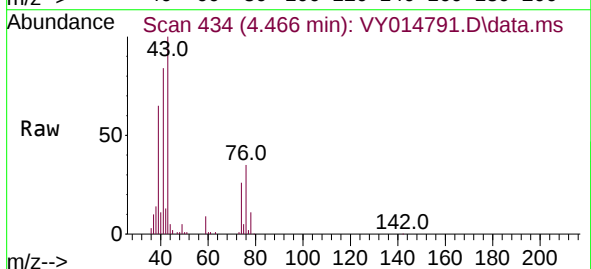
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion: 56 Resp: 25766
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 18.224 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 41 Resp: 67911
Ion Ratio Lower Upper
41 100
39 70.1 58.0 87.0
76 37.7 27.4 41.2

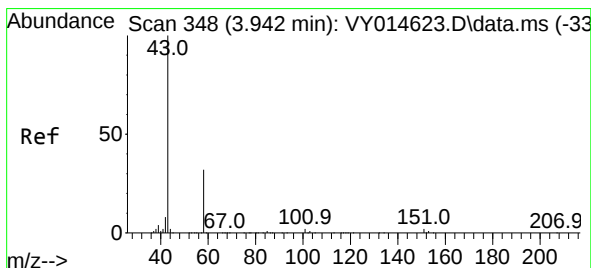
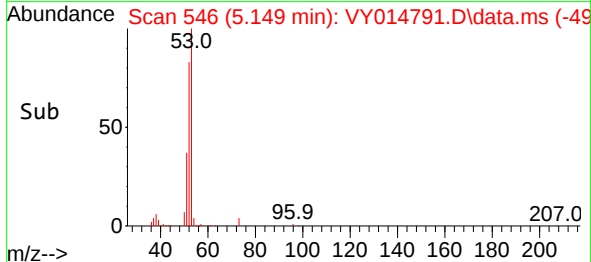
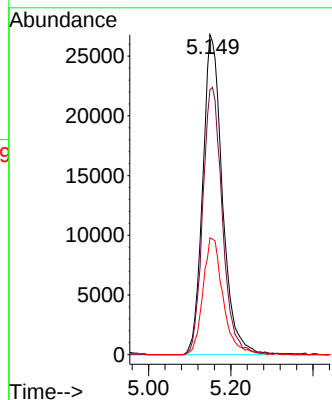
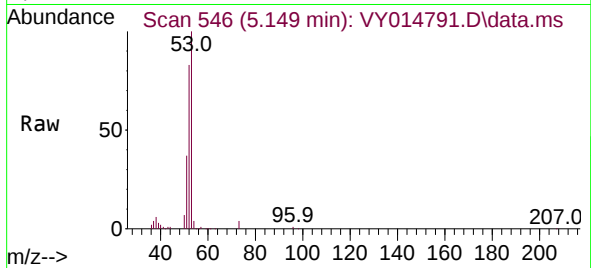




#15
Acrylonitrile
Concen: 118.522 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

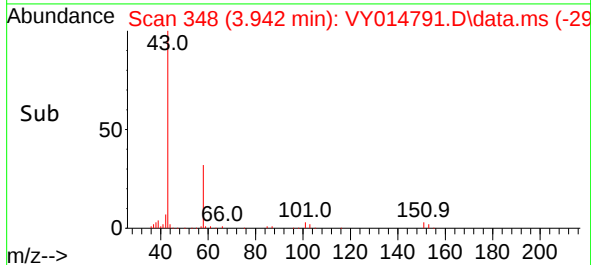
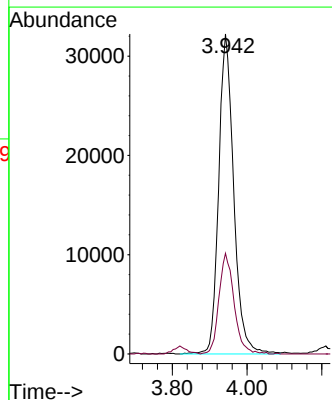
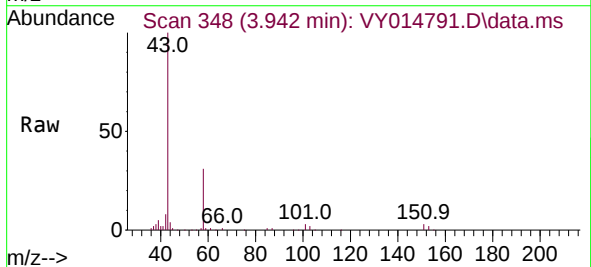
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion: 53 Resp: 89089
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 116.908 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 43 Resp: 89972
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

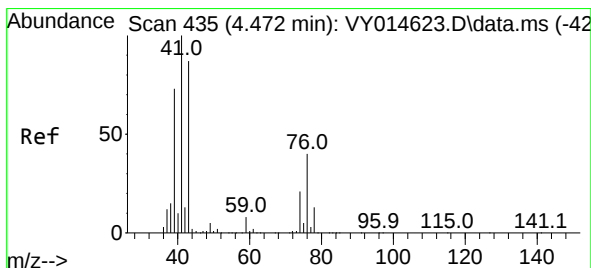
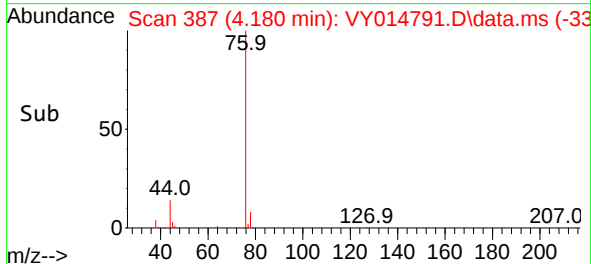
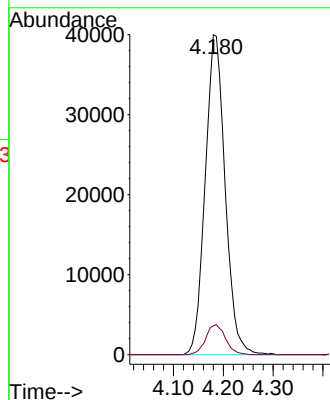
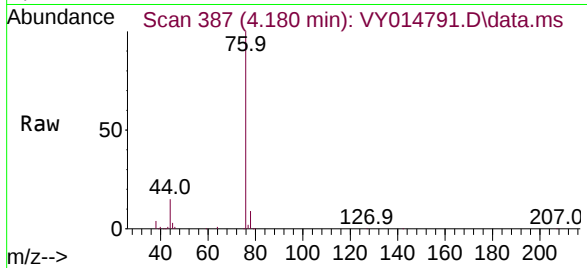




#17
Carbon Disulfide
Concen: 18.472 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

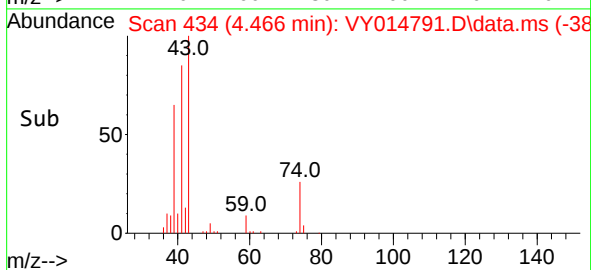
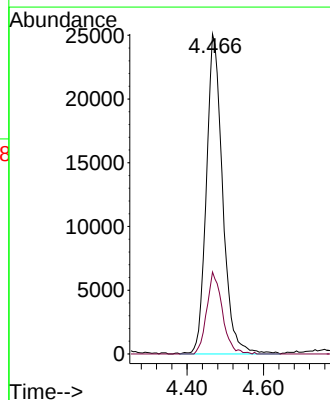
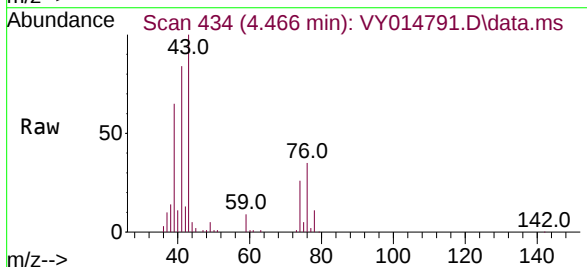
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

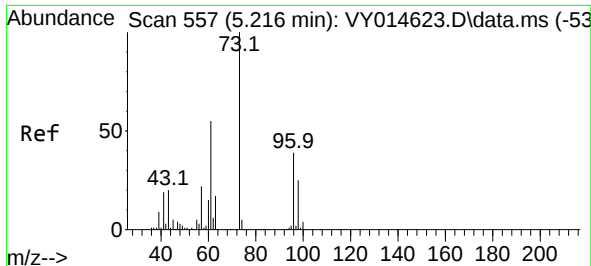
Tgt Ion: 76 Resp: 110987
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 25.047 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 43 Resp: 73972
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

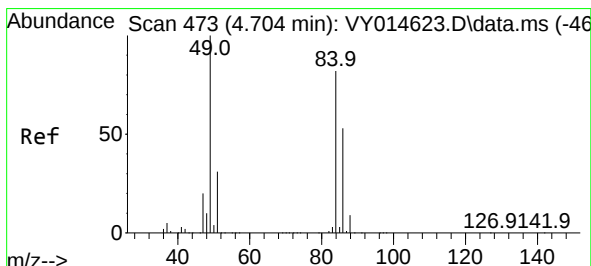
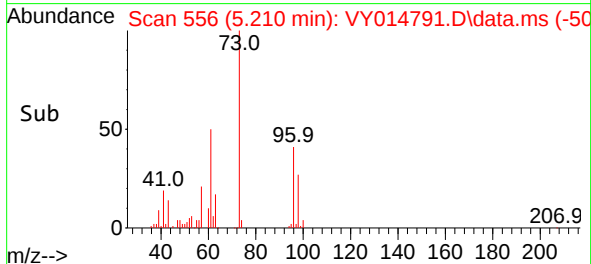
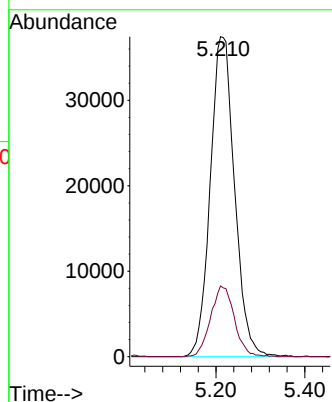
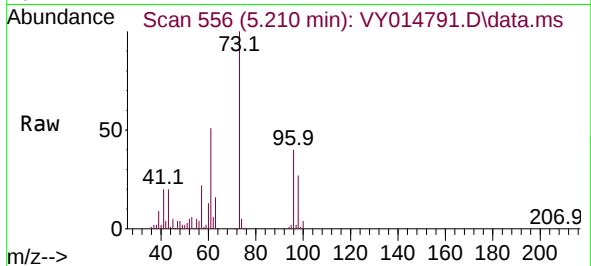




#19
Methyl tert-butyl Ether
Concen: 20.815 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

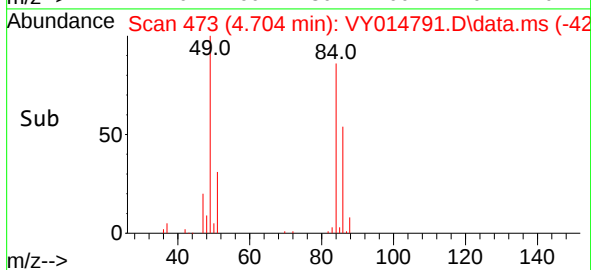
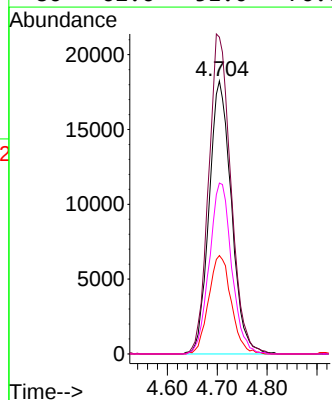
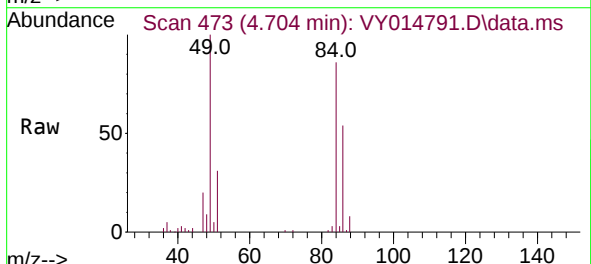
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

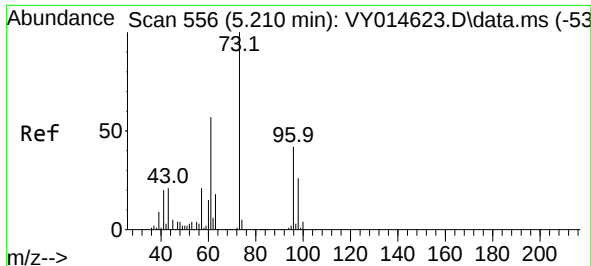
Tgt Ion: 73 Resp: 141905
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 20.165 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 84 Resp: 56714
Ion Ratio Lower Upper
84 100
49 116.1 106.9 160.3
51 36.0 33.2 49.8
86 62.6 51.0 76.6

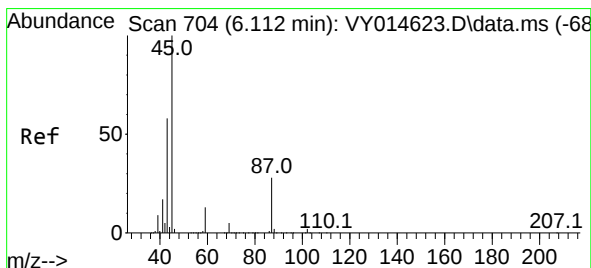
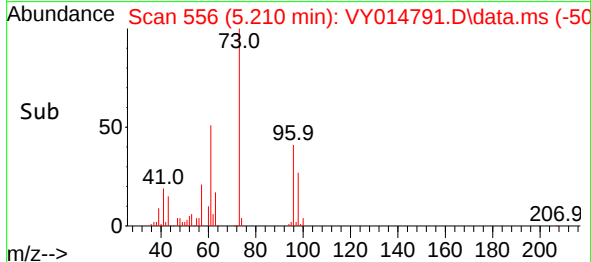
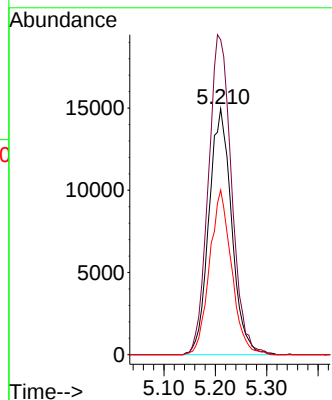
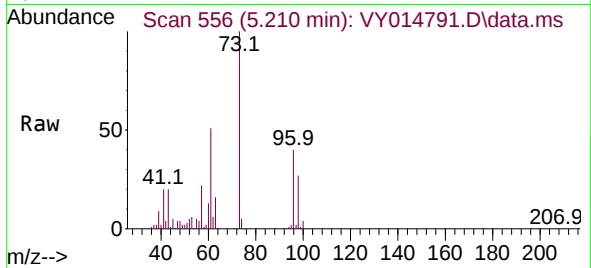




#21
trans-1,2-Dichloroethene
Concen: 19.329 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

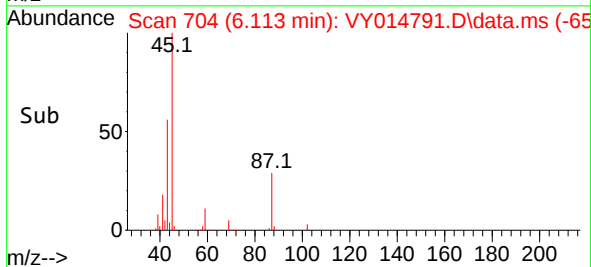
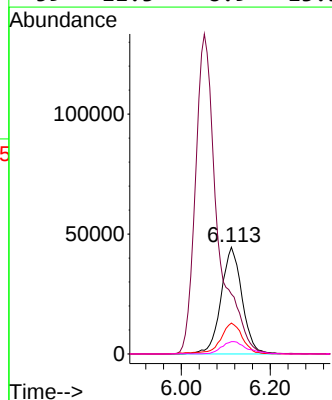
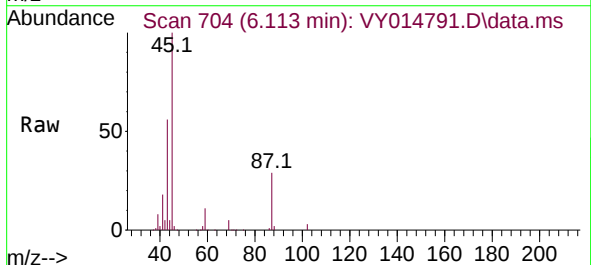
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

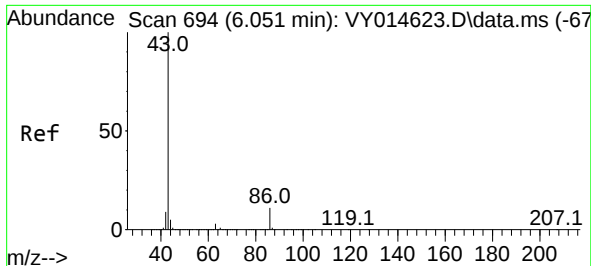
Tgt Ion: 96 Resp: 46036
Ion Ratio Lower Upper
96 100
61 128.1 110.2 165.4
98 67.0 51.8 77.6



#22
Diisopropyl ether
Concen: 19.238 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 45 Resp: 145747
Ion Ratio Lower Upper
45 100
43 55.4 52.2 78.4
87 28.8 21.0 31.6
59 11.3 8.9 13.3

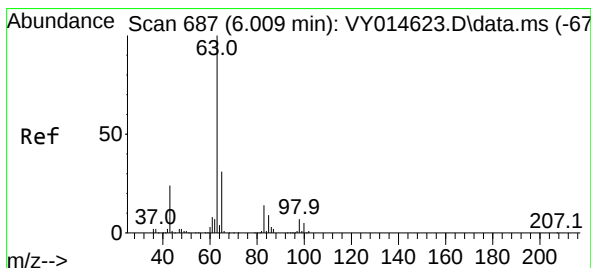
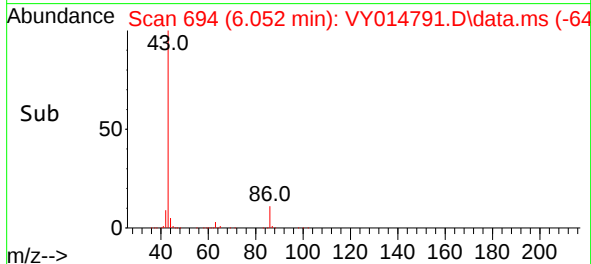
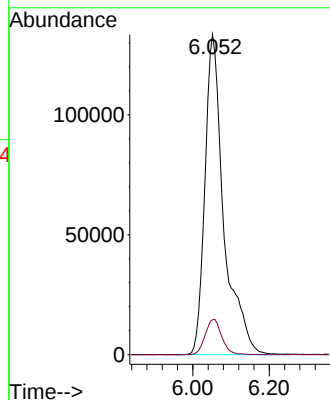
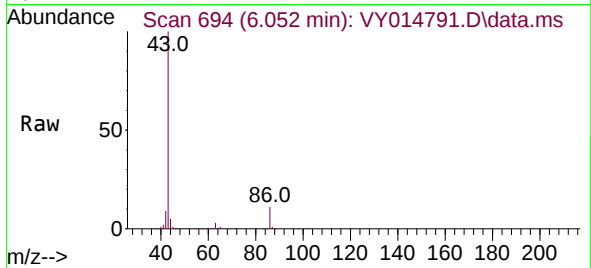




#23
 Vinyl Acetate
 Concen: 101.094 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY014791.D
 Acq: 25 Jul 2023 10:59

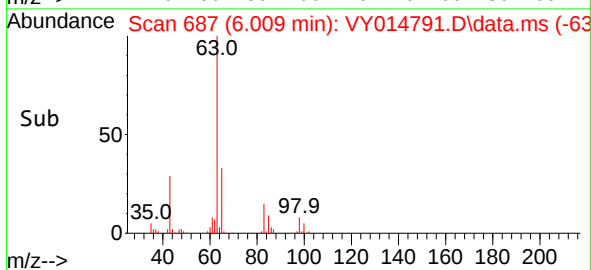
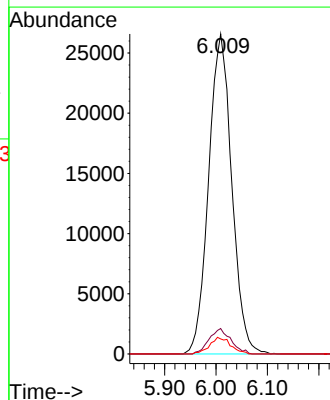
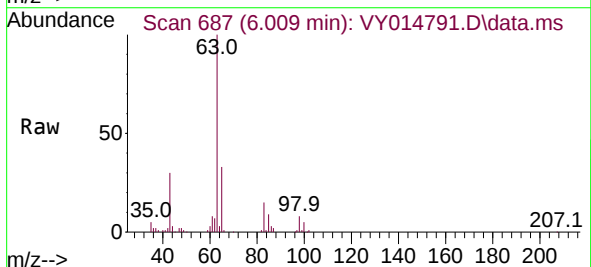
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

Tgt Ion: 43 Resp: 458334
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.166 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014791.D
 Acq: 25 Jul 2023 10:59

Tgt Ion: 63 Resp: 83083
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 4.7 1.8 5.5

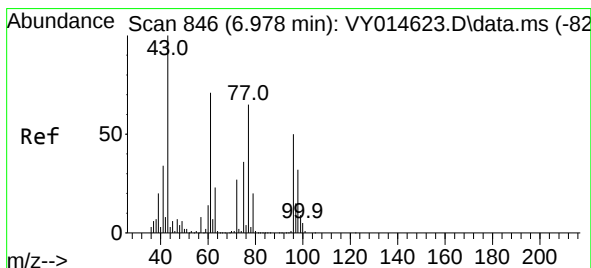
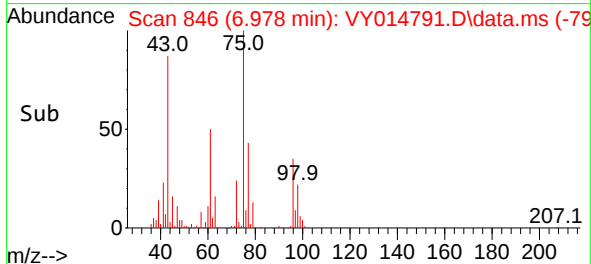
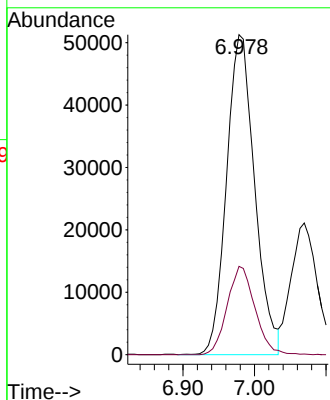
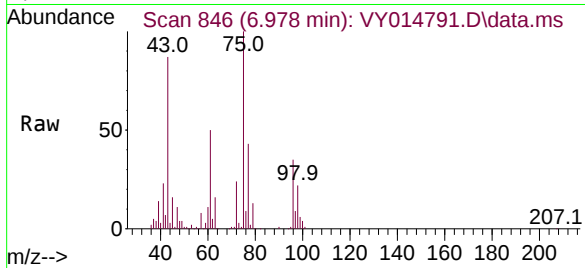




#25
2-Butanone
Concen: 124.594 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

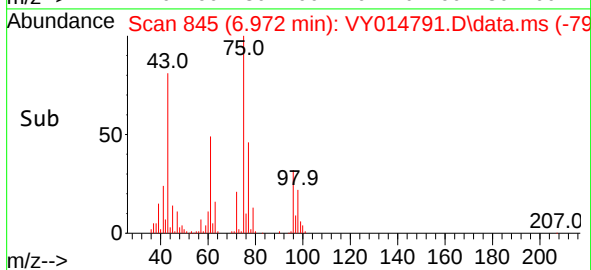
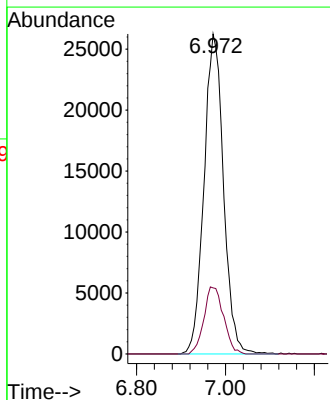
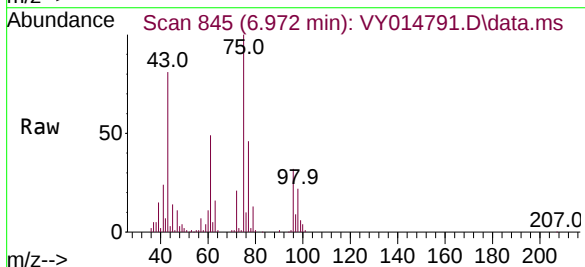
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

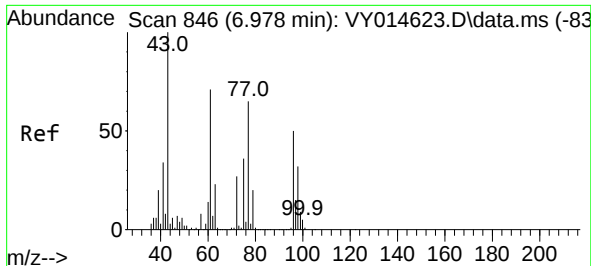
Tgt Ion: 43 Resp: 140282
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.392 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 77 Resp: 80115
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.551 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

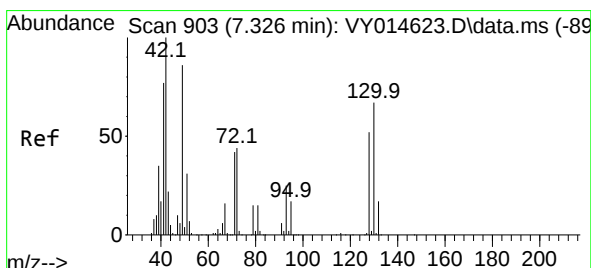
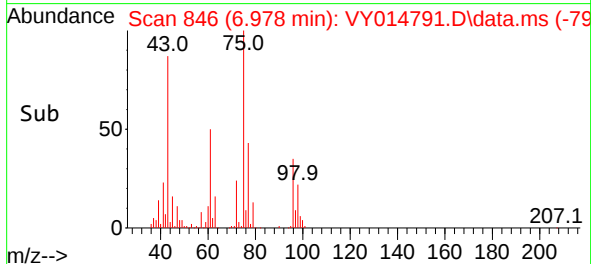
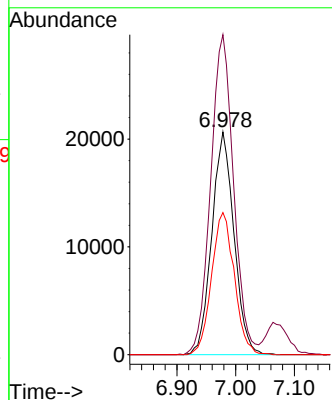
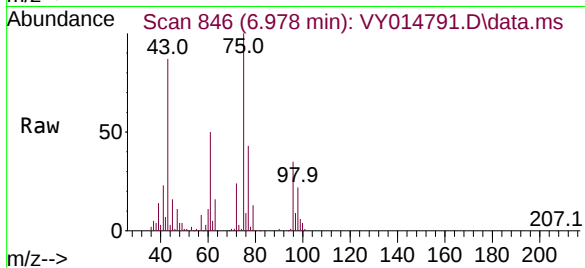
Tgt Ion: 96 Resp: 54200

Ion Ratio Lower Upper

96 100

61 148.8 0.0 301.4

98 65.5 0.0 130.4



#28

Bromochloromethane

Concen: 22.129 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

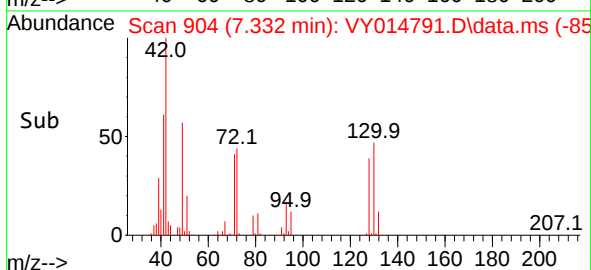
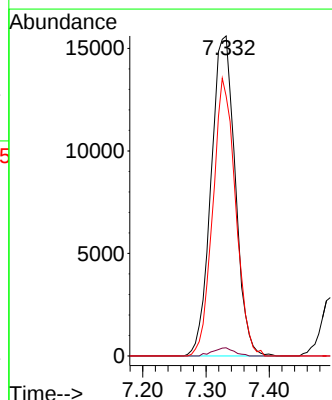
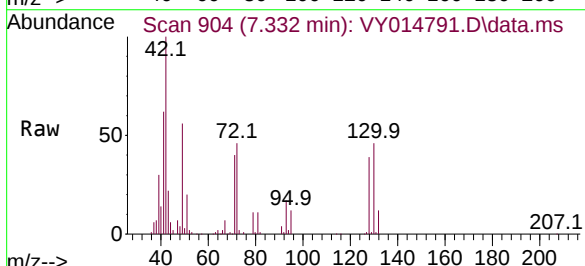
Tgt Ion: 49 Resp: 41313

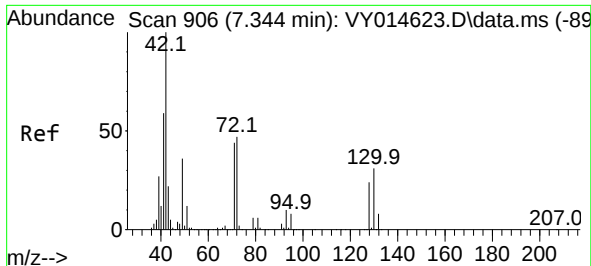
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 81.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 125.437 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

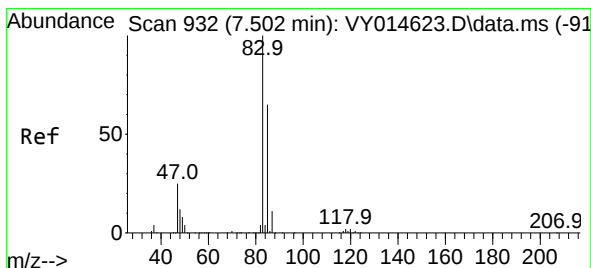
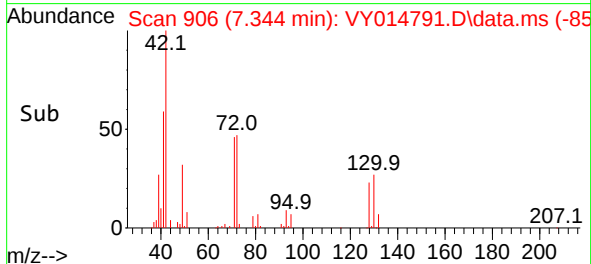
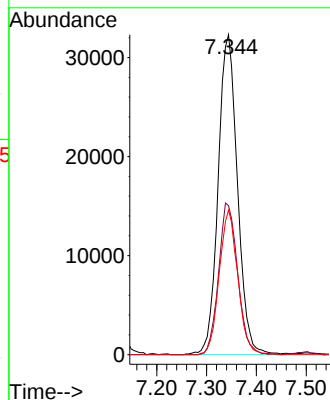
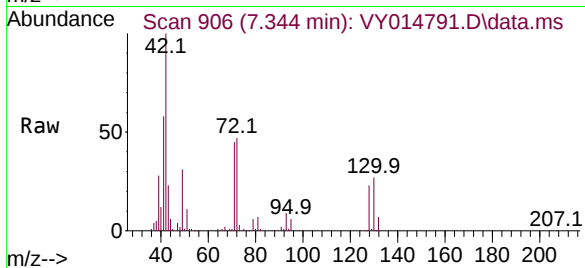
Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

Tgt Ion:	42	Resp:	86964
Ion Ratio	Lower	Upper	
42	100		
72	46.8	32.8	49.2
71	43.2	31.0	46.4



#30

Chloroform

Concen: 19.699 ug/l

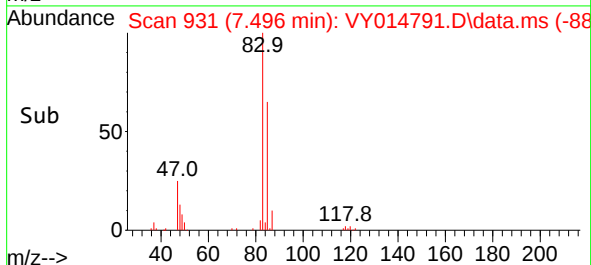
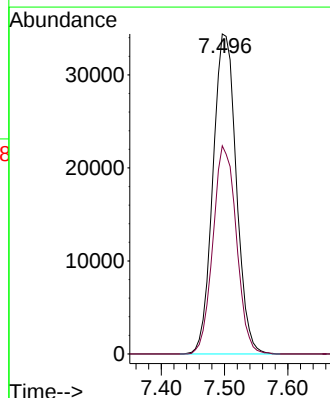
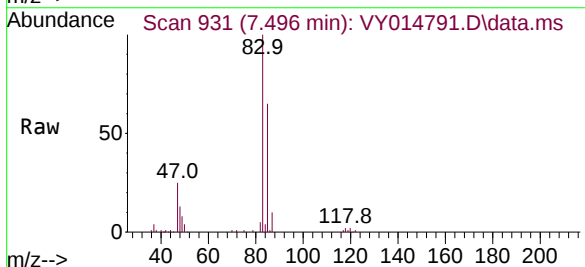
RT: 7.496 min Scan# 931

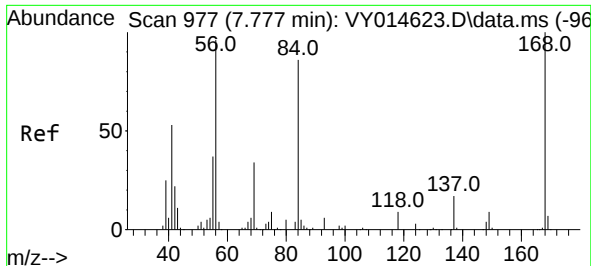
Delta R.T. -0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Tgt Ion:	83	Resp:	88056
Ion Ratio	Lower	Upper	
83	100		
85	65.0	49.7	74.5

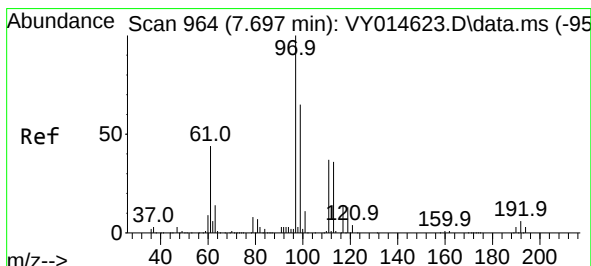
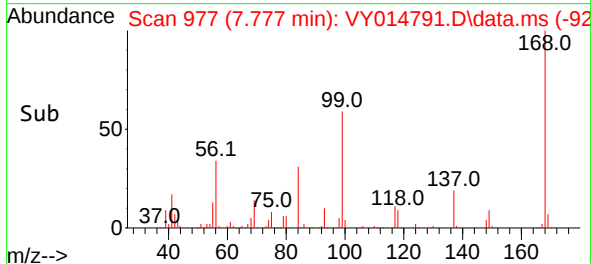
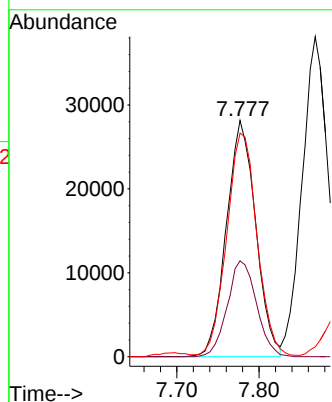
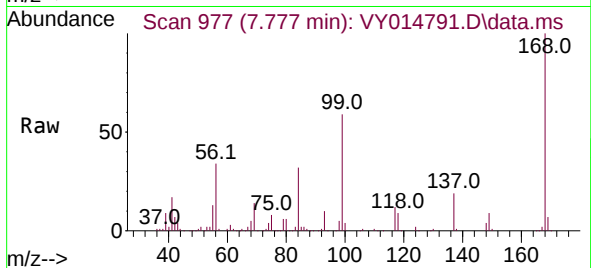




#31
Cyclohexane
Concen: 17.312 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

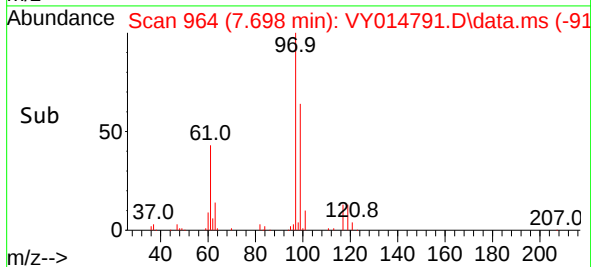
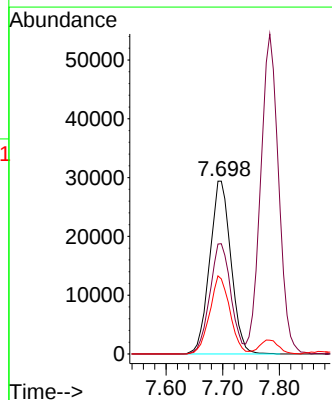
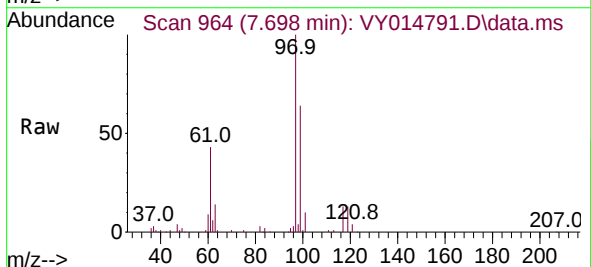
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion: 56 Resp: 69792
Ion Ratio Lower Upper
56 100
69 40.6 27.8 41.6
84 93.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.992 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 97 Resp: 76411
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 0.392 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

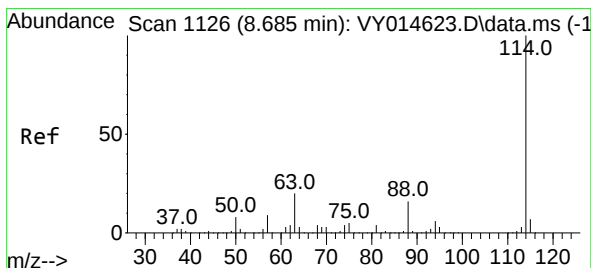
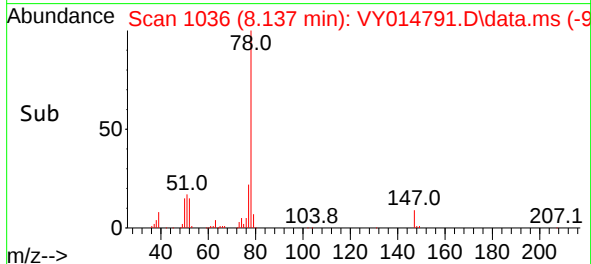
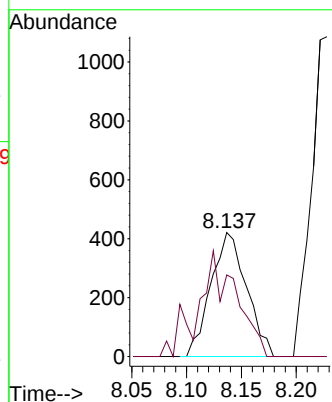
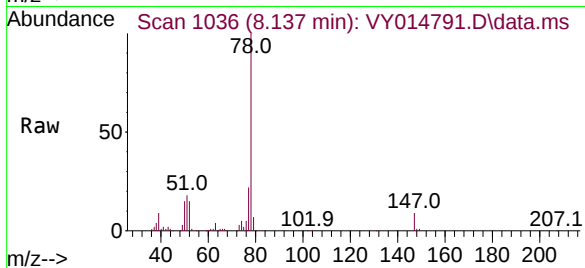
VY0725SBS01

Tgt Ion: 65 Resp: 953

Ion Ratio Lower Upper

65 100

67 91.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

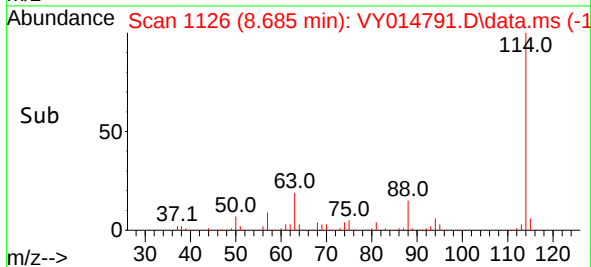
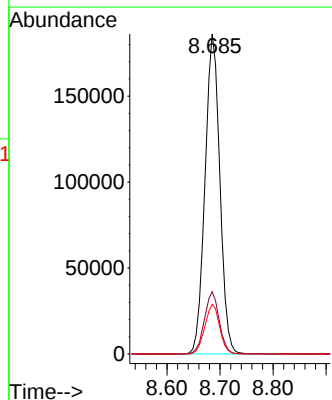
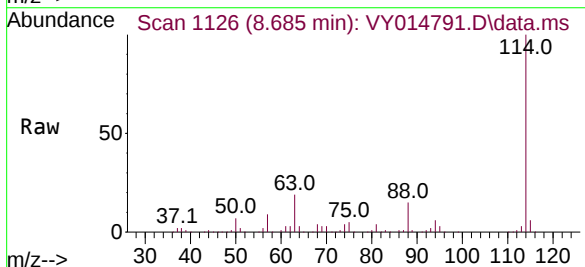
Tgt Ion: 114 Resp: 361199

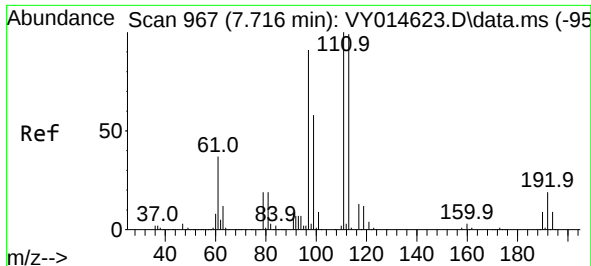
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.5 0.0 30.6

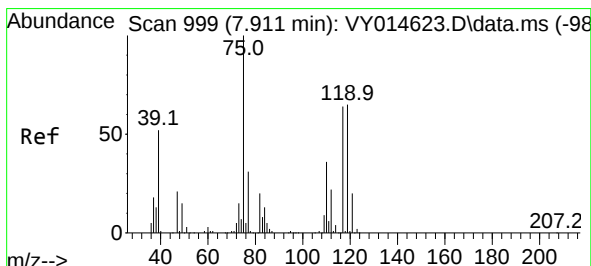
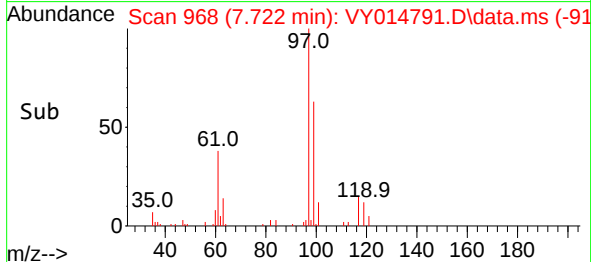
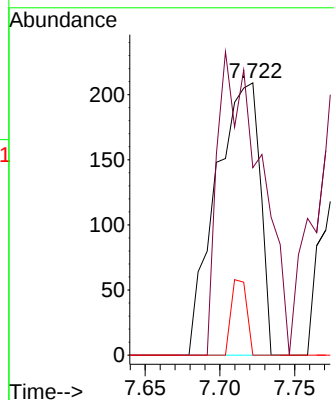
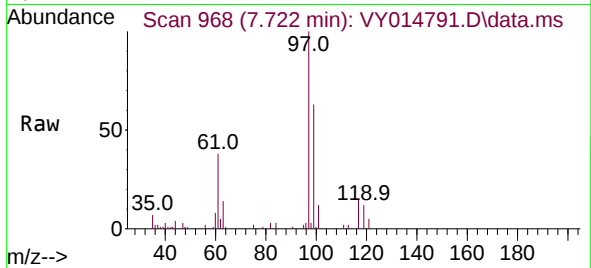




#35
Dibromofluoromethane
Concen: 0.186 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

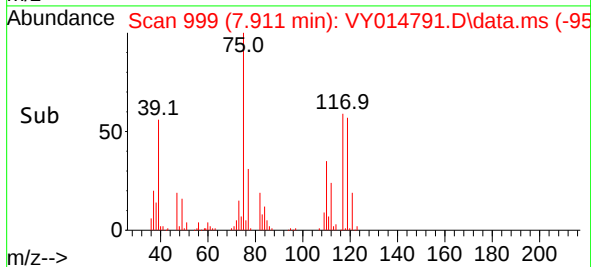
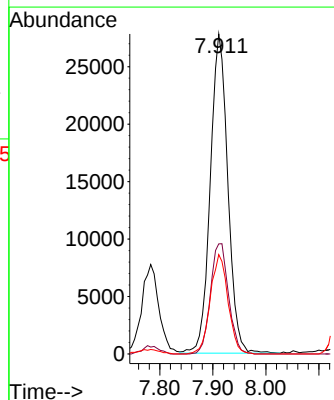
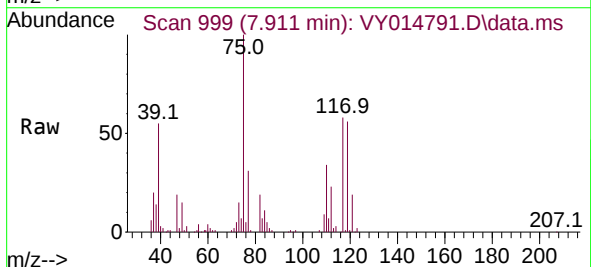
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion:113 Resp: 428
Ion Ratio Lower Upper
113 100
111 108.6 81.3 121.9
192 9.8 16.9 25.3#



#36
1,1-Dichloropropene
Concen: 18.588 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 75 Resp: 63914
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 23.139 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

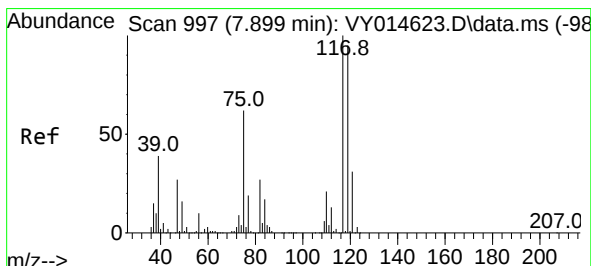
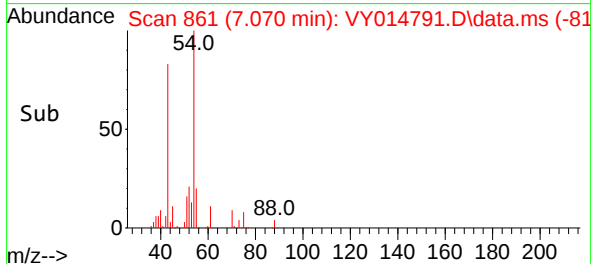
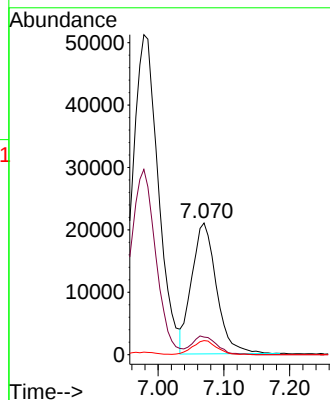
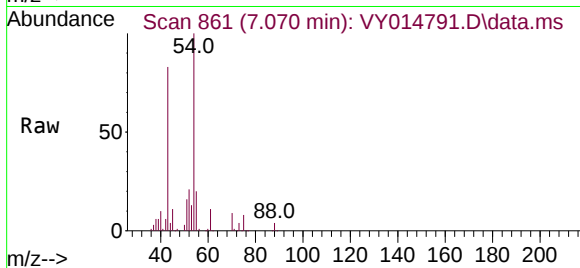
Tgt Ion: 43 Resp: 54779

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.493 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

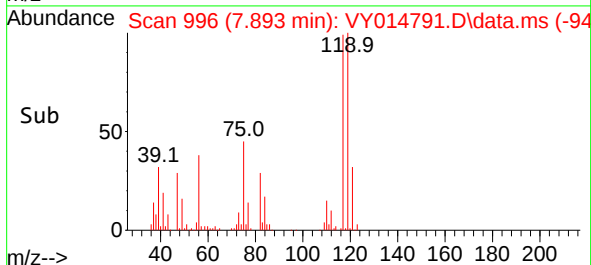
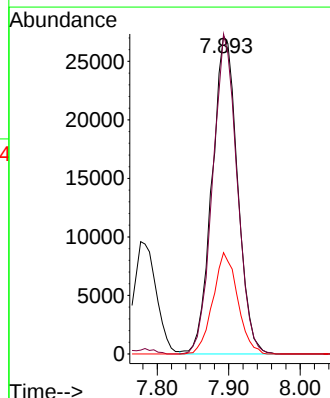
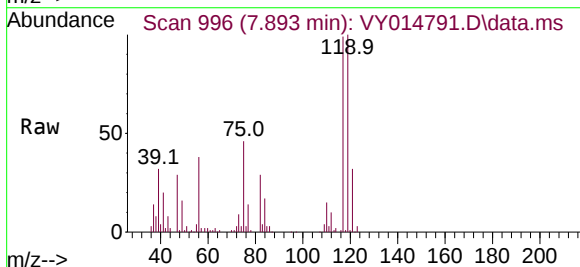
Tgt Ion: 117 Resp: 67220

Ion Ratio Lower Upper

117 100

119 100.7 76.4 114.6

121 31.9 25.8 38.6





#39

Methylcyclohexane

Concen: 17.494 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

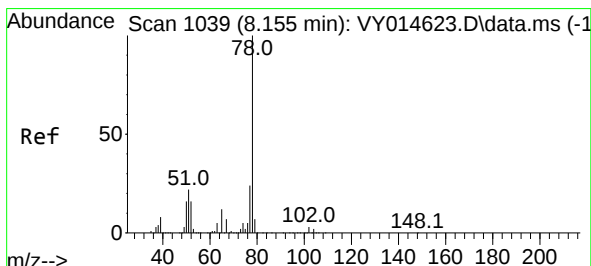
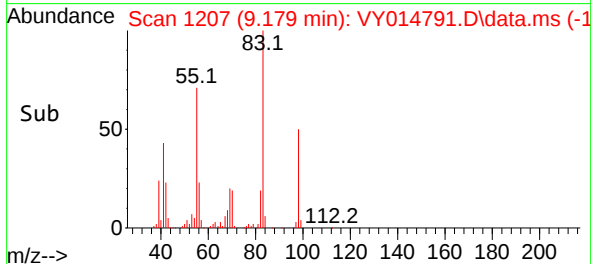
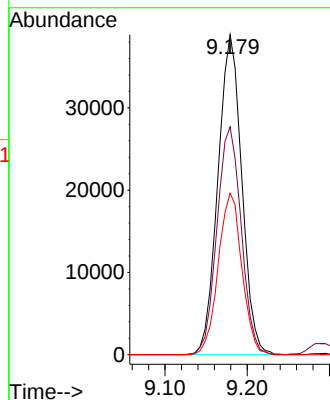
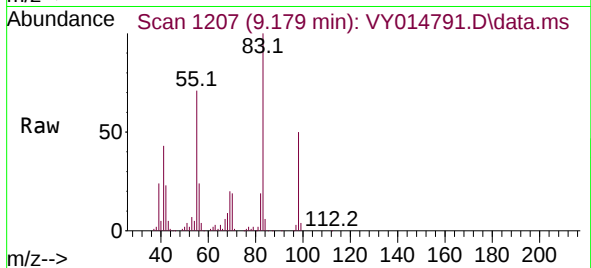
Tgt Ion: 83 Resp: 78371

Ion Ratio Lower Upper

83 100

55 71.2 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 19.170 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014791.D

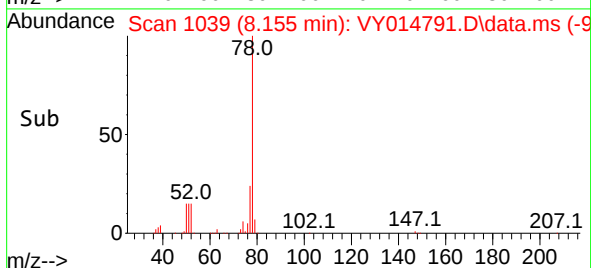
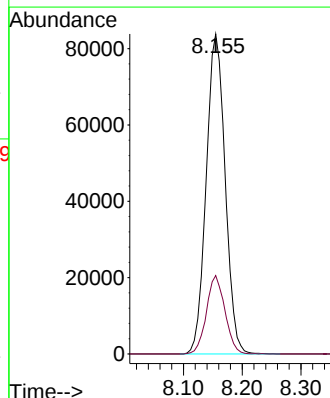
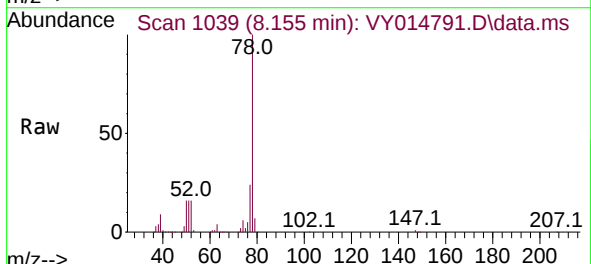
Acq: 25 Jul 2023 10:59

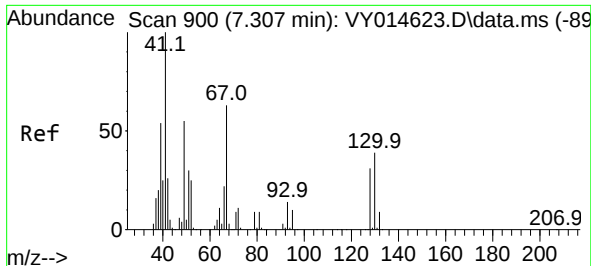
Tgt Ion: 78 Resp: 187470

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6

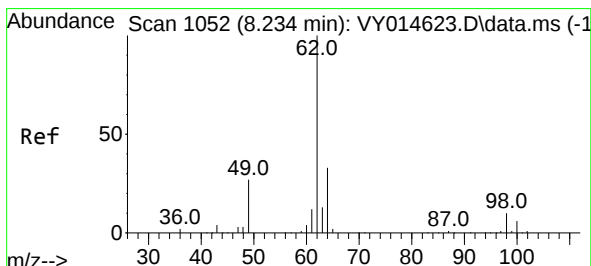
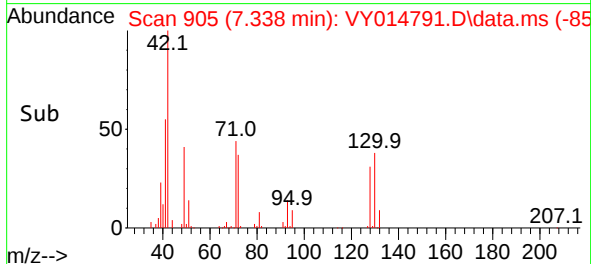
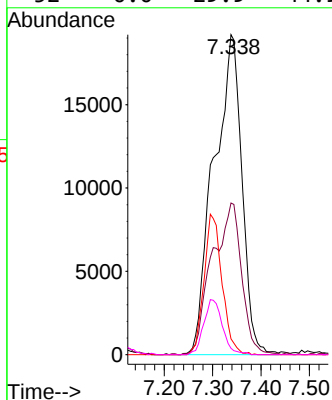
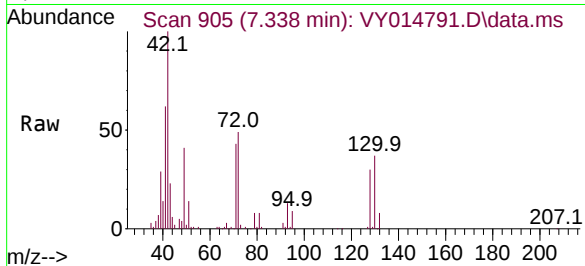




#41
Methacrylonitrile
Concen: 63.447 ug/l
RT: 7.338 min Scan# 90
Delta R.T. 0.031 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

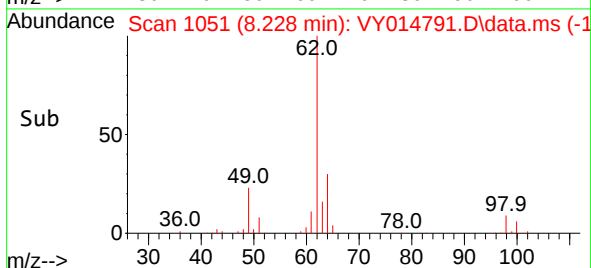
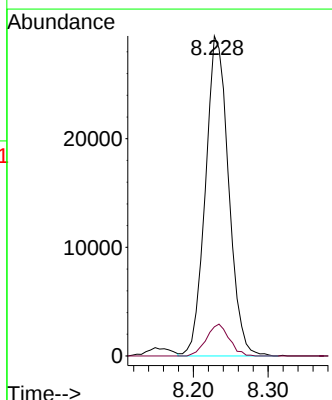
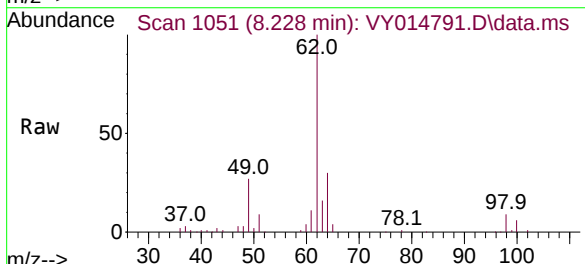
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

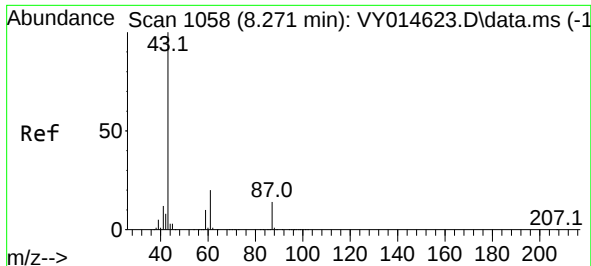
Tgt Ion: 41 Resp: 77260
Ion Ratio Lower Upper
41 100
39 49.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.478 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 62 Resp: 63417
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

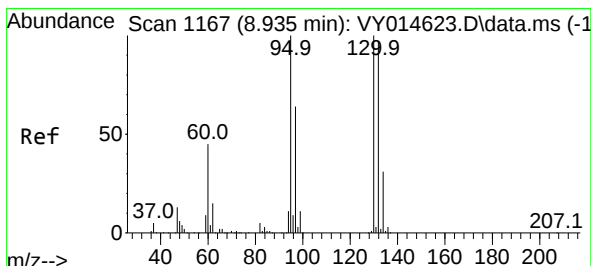
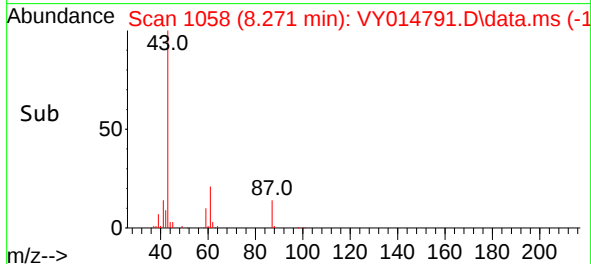
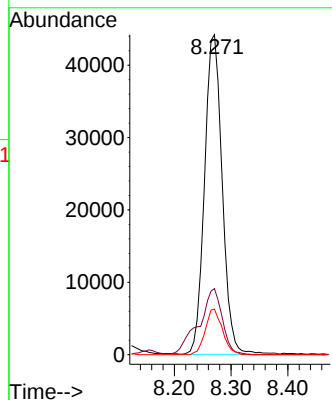
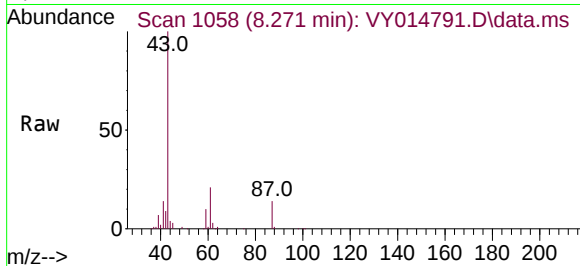




#43
Isopropyl Acetate
Concen: 21.156 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

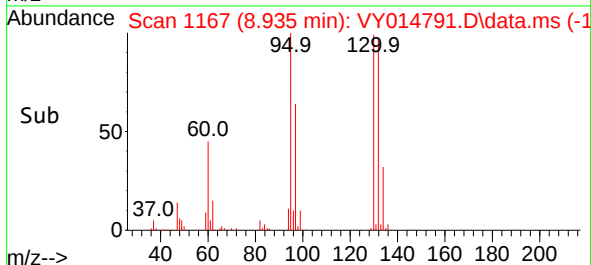
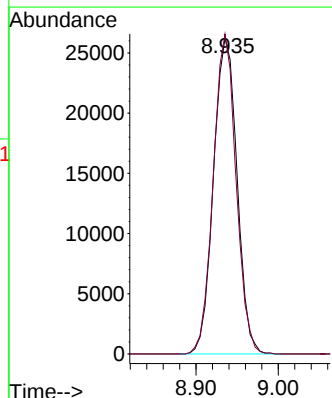
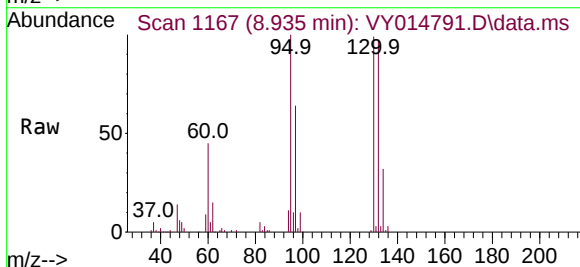
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

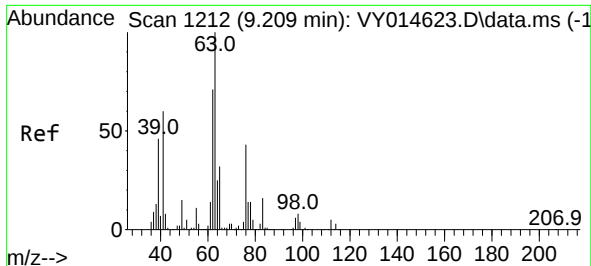
Tgt Ion: 43 Resp: 95409
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 19.043 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 130 Resp: 52105
Ion Ratio Lower Upper
130 100
95 101.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.801 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

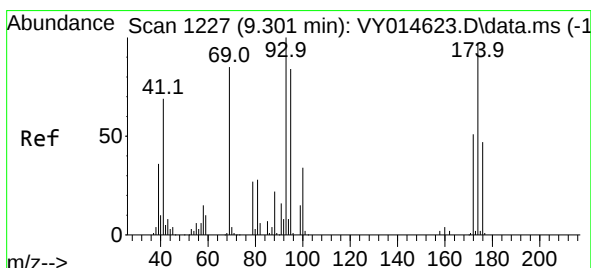
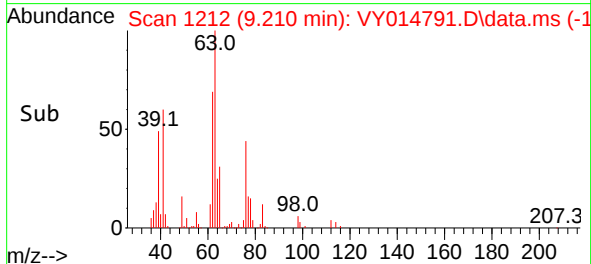
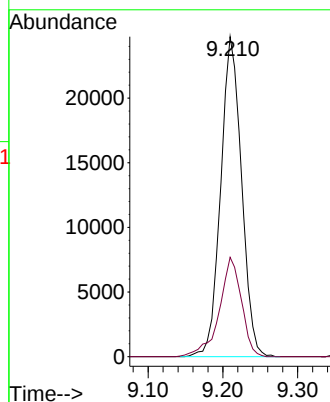
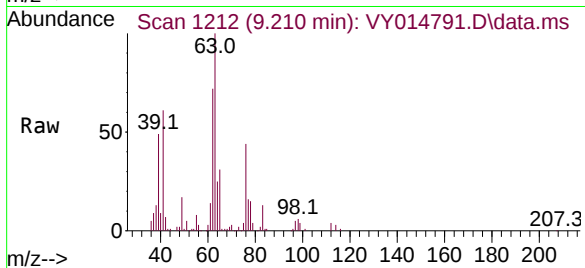
VY0725SBS01

Tgt Ion: 63 Resp: 48011

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 20.611 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

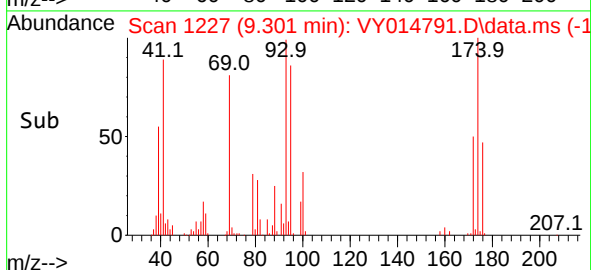
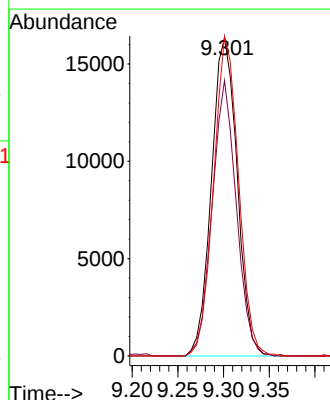
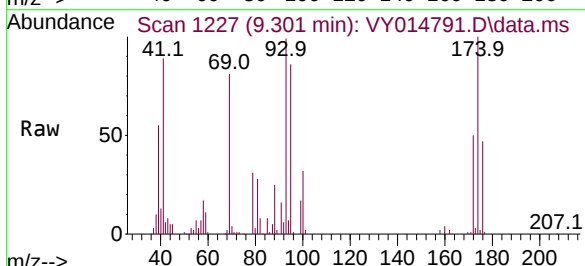
Tgt Ion: 93 Resp: 31930

Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 97.4 84.8 127.2

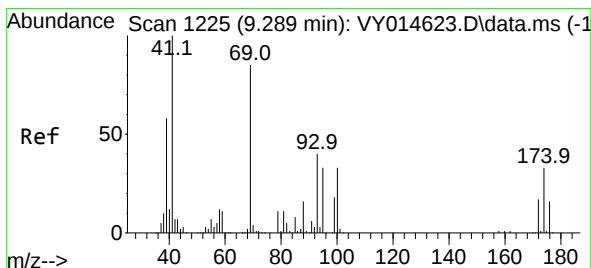
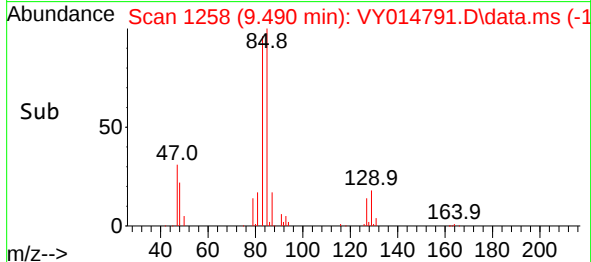
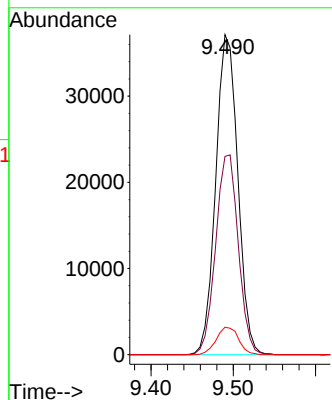
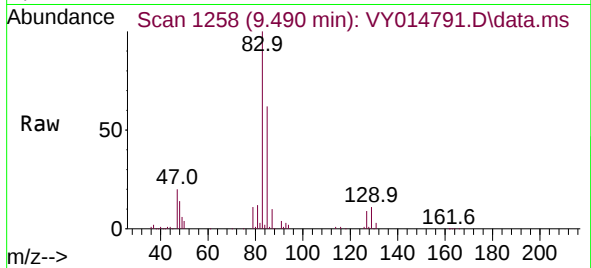




#47
Bromodichloromethane
Concen: 18.989 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

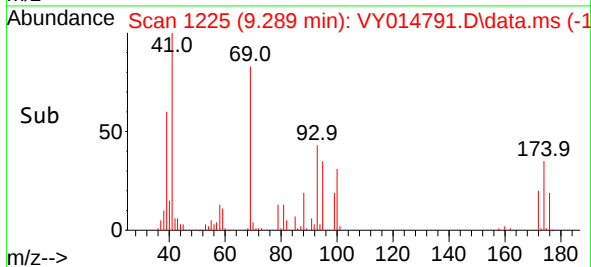
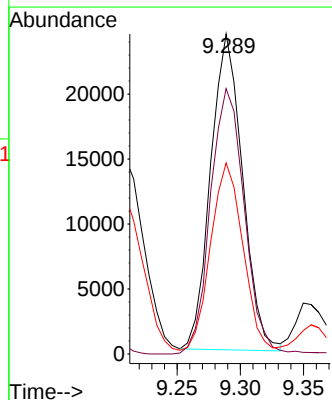
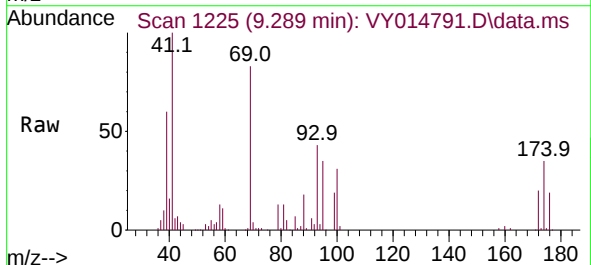
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

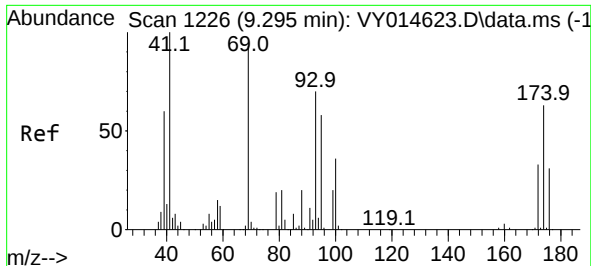
Tgt Ion: 83 Resp: 69332
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 21.032 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 41 Resp: 42679
Ion Ratio Lower Upper
41 100
69 89.3 64.5 96.7
39 62.3 50.8 76.2





#49

1,4-Dioxane

Concen: 464.641 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

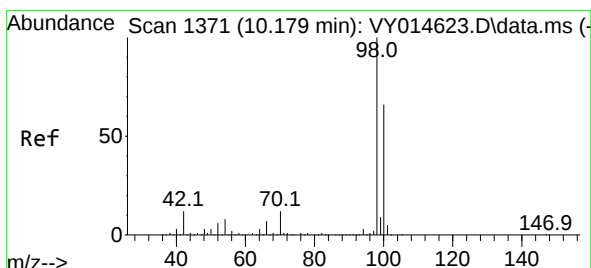
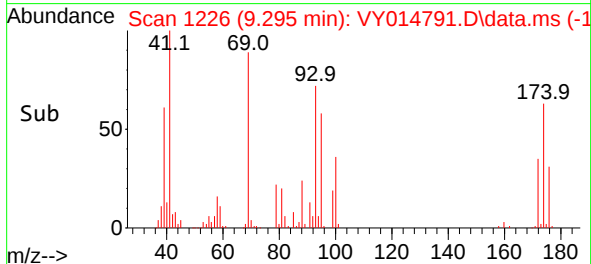
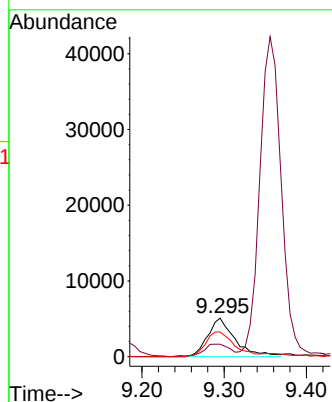
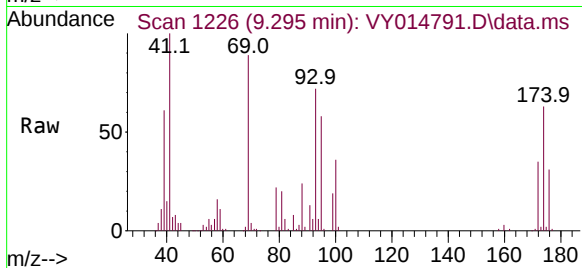
Tgt Ion: 88 Resp: 11737

Ion Ratio Lower Upper

88 100

43 31.3 0.0 0.0#

58 66.9 30.9 46.3#



#50

Toluene-d8

Concen: 0.437 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014791.D

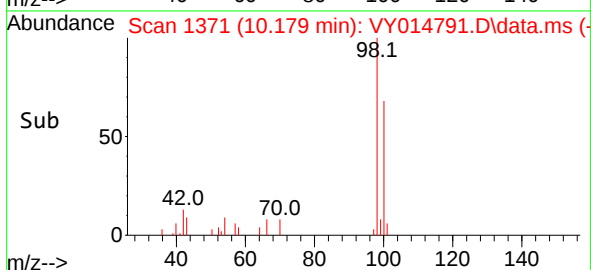
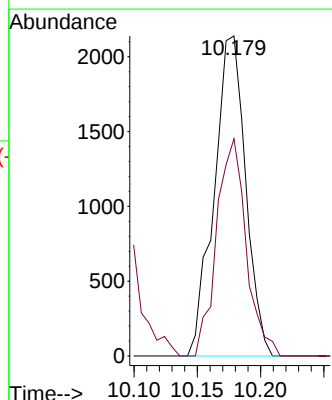
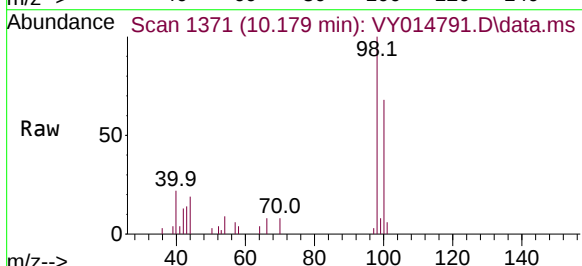
Acq: 25 Jul 2023 10:59

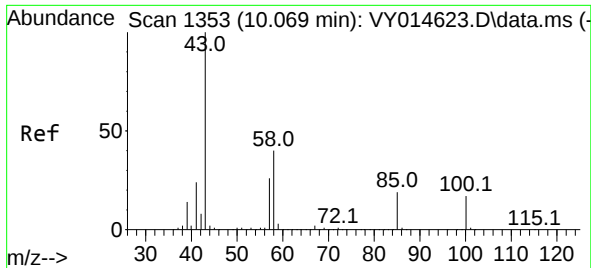
Tgt Ion: 98 Resp: 3708

Ion Ratio Lower Upper

98 100

100 63.6 50.1 75.1

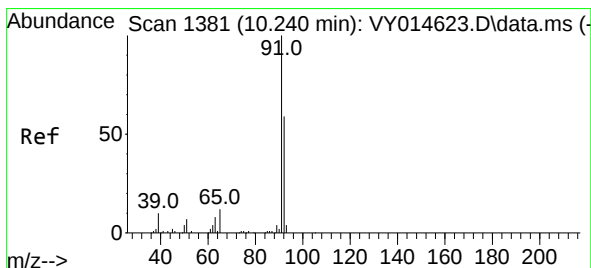
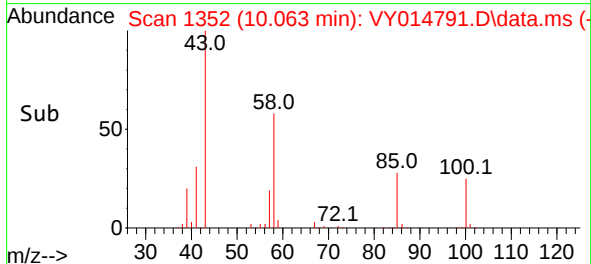
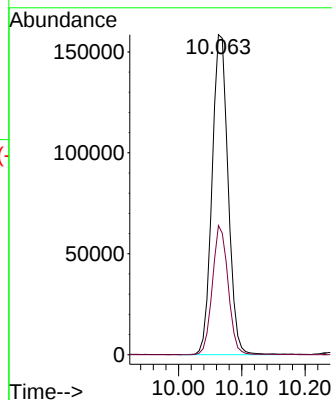
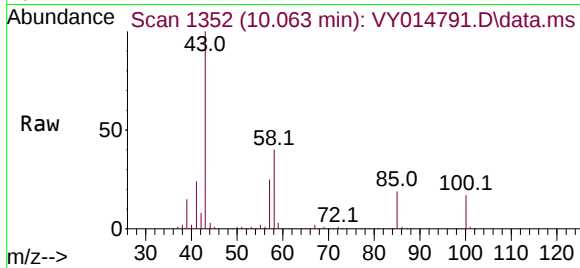




#51
4-Methyl-2-Pentanone
Concen: 118.135 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

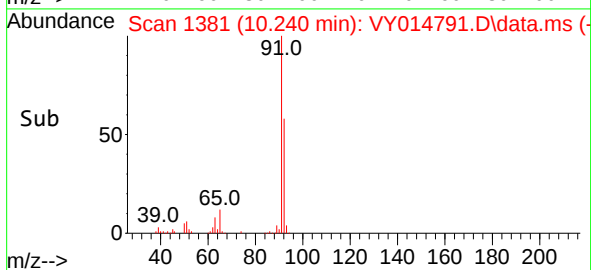
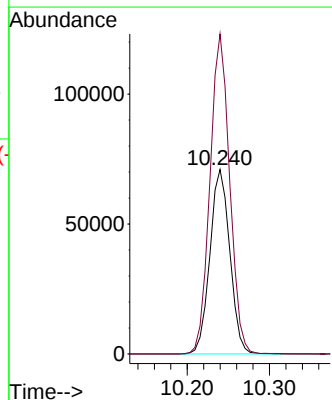
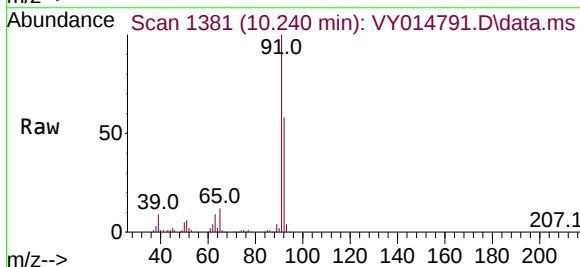
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

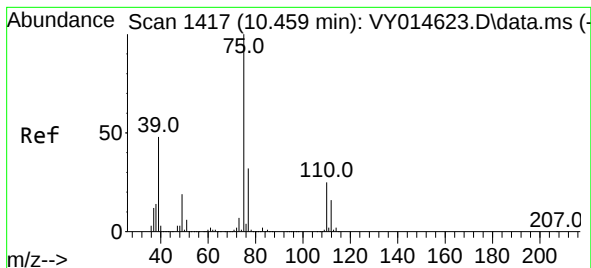
Tgt Ion: 43 Resp: 279721
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 19.090 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 92 Resp: 119462
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

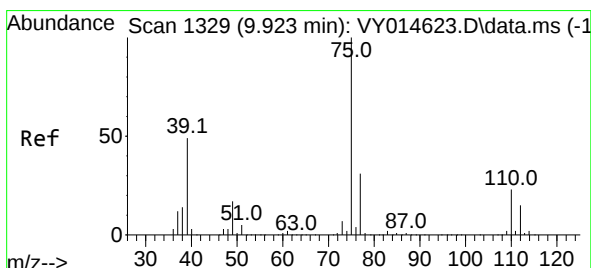
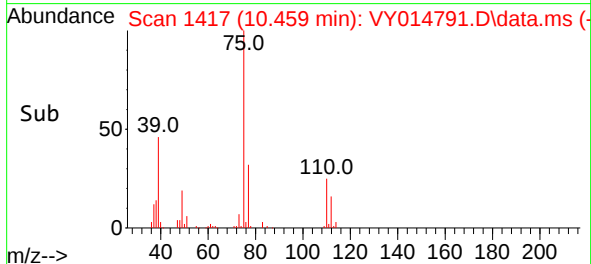
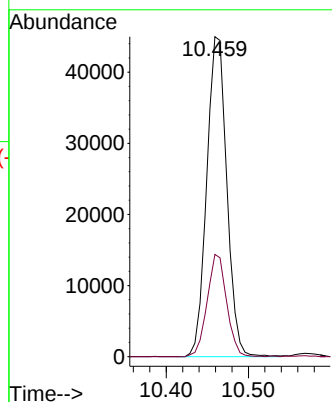
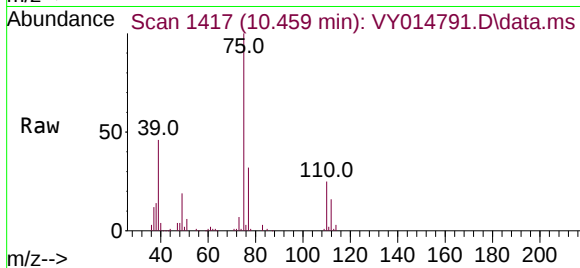




#53
t-1,3-Dichloropropene
Concen: 19.126 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

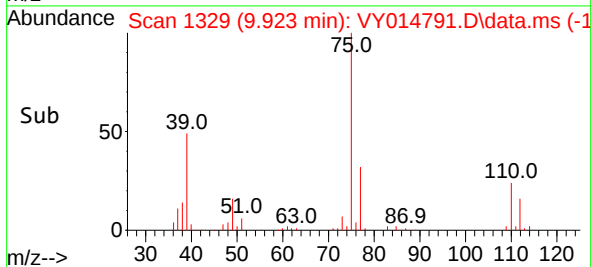
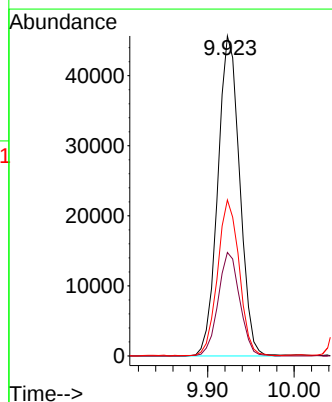
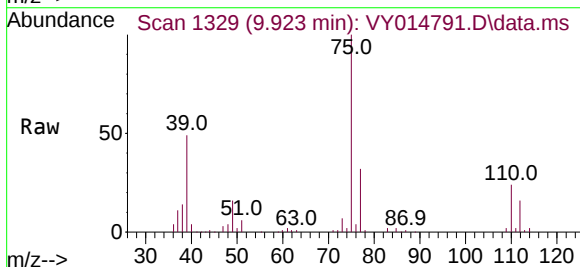
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

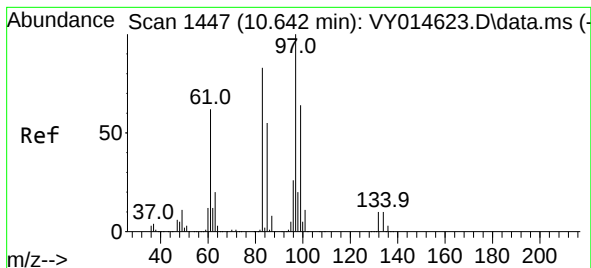
Tgt Ion: 75 Resp: 76387
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.448 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 75 Resp: 80121
Ion Ratio Lower Upper
75 100
77 32.4 24.2 36.4
39 48.7 42.2 63.4

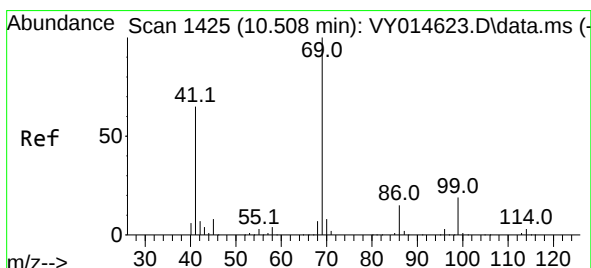
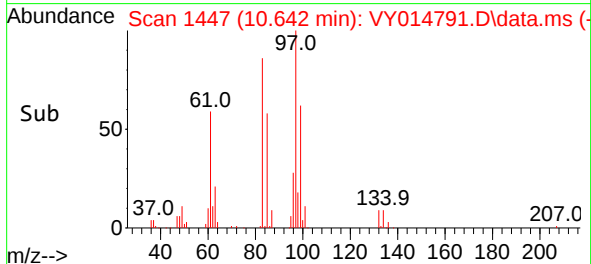
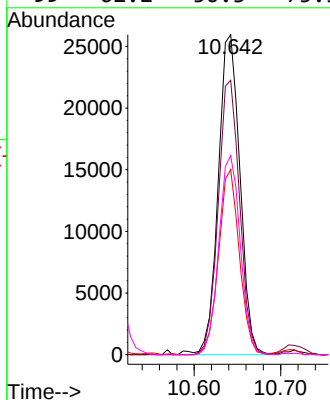
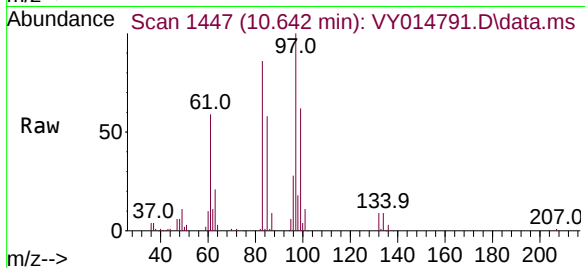




#55
1,1,2-Trichloroethane
Concen: 20.981 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

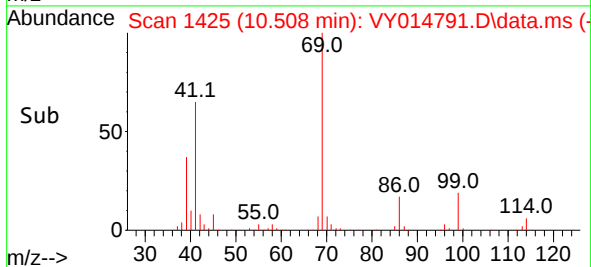
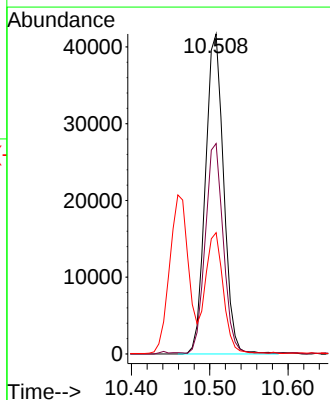
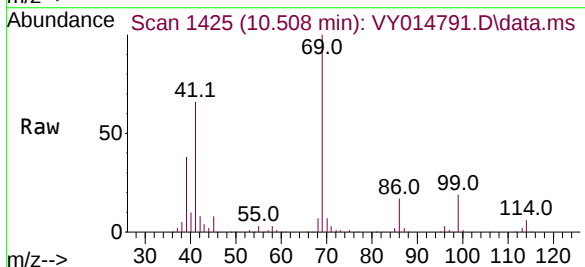
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

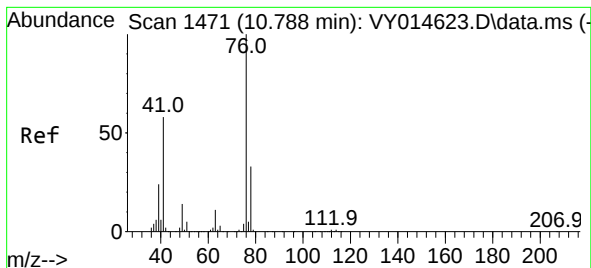
Tgt Ion:	97	Resp:	45276
Ion	Ratio	Lower	Upper
97	100		
83	85.8	72.0	108.0
85	57.9	45.4	68.0
99	62.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.411 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion:	69	Resp:	67251
Ion	Ratio	Lower	Upper
69	100		
41	64.6	57.6	86.4
39	36.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.469 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

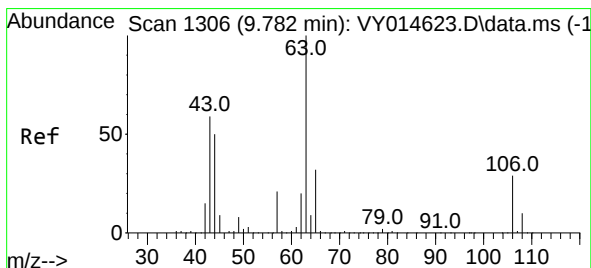
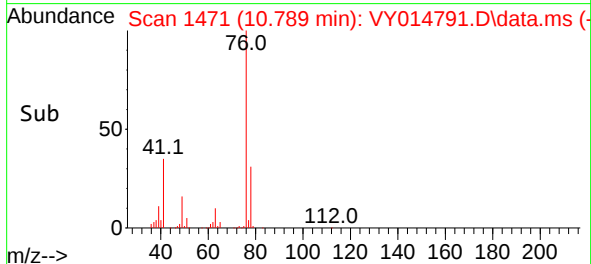
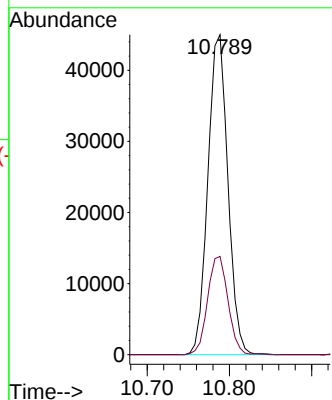
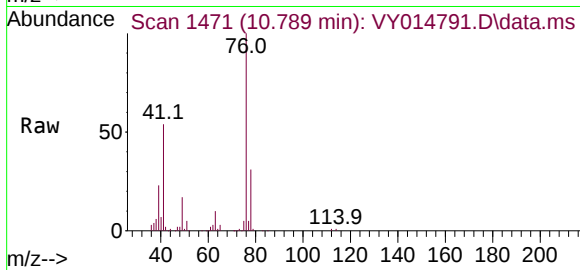
VY0725SBS01

Tgt Ion: 76 Resp: 76185

Ion Ratio Lower Upper

76 100

78 31.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 111.938 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.005 min

Lab File: VY014791.D

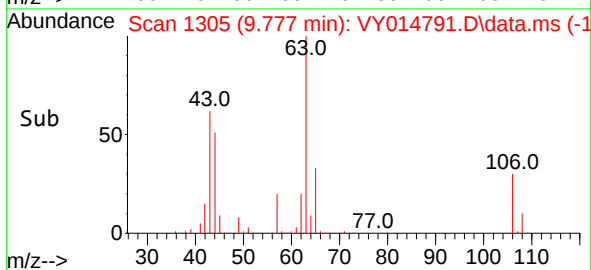
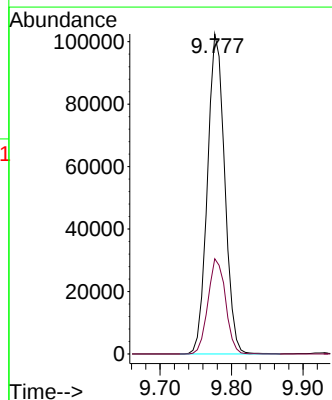
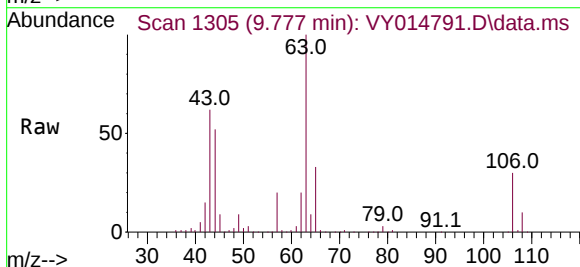
Acq: 25 Jul 2023 10:59

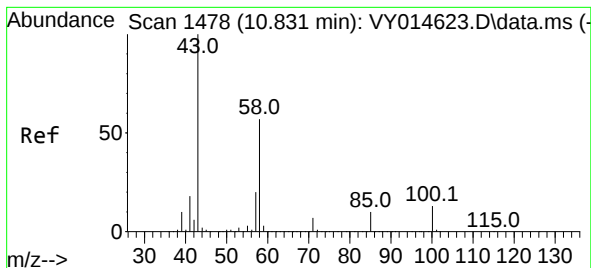
Tgt Ion: 63 Resp: 171845

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8

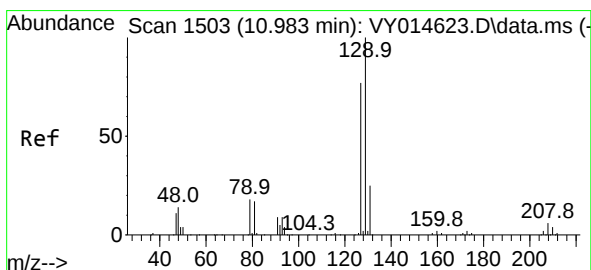
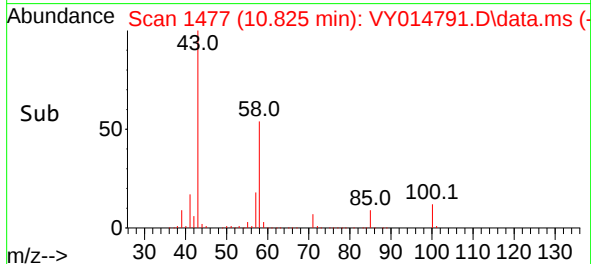
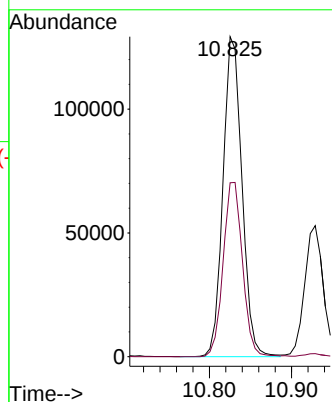
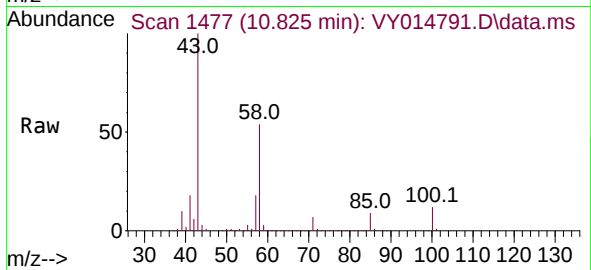




#59
2-Hexanone
Concen: 119.889 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

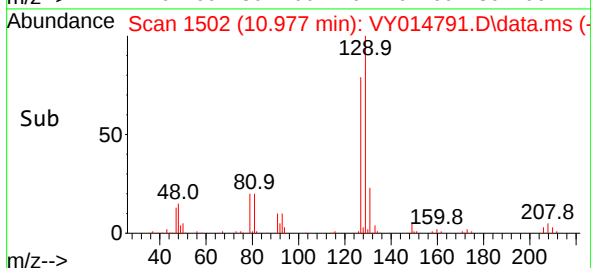
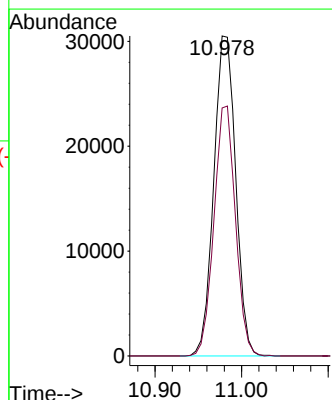
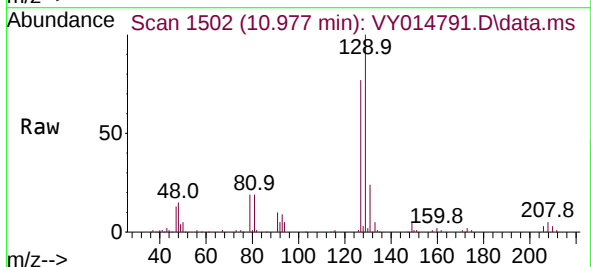
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

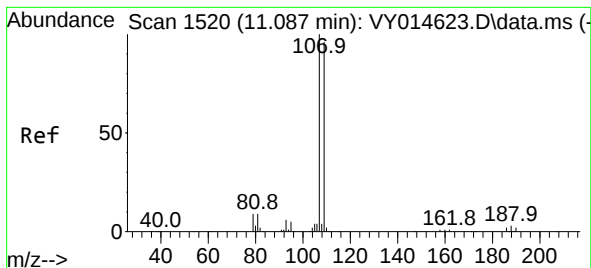
Tgt Ion: 43 Resp: 207016
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 20.280 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 129 Resp: 53657
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

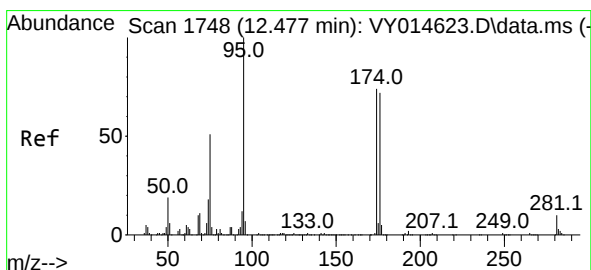
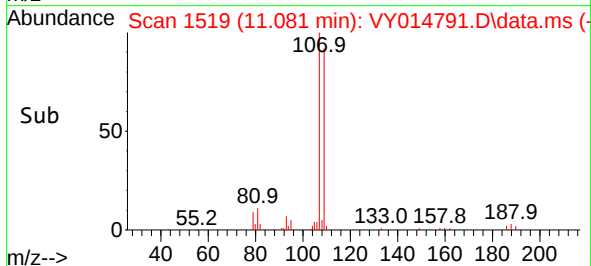
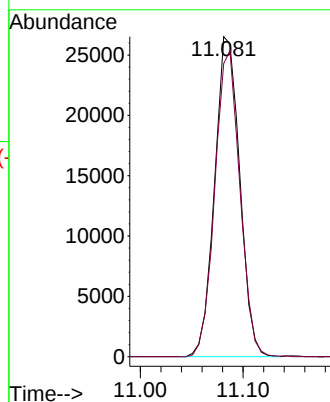
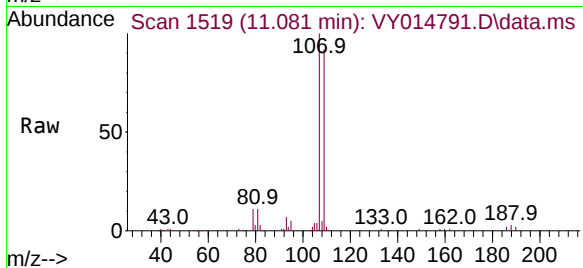




#61
1,2-Dibromoethane
Concen: 20.902 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

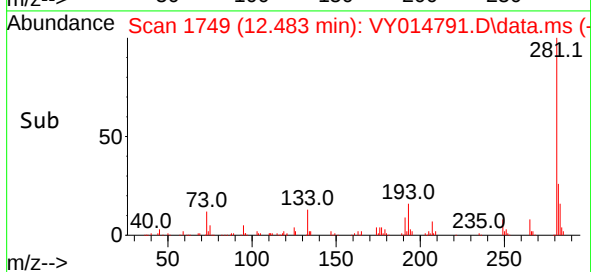
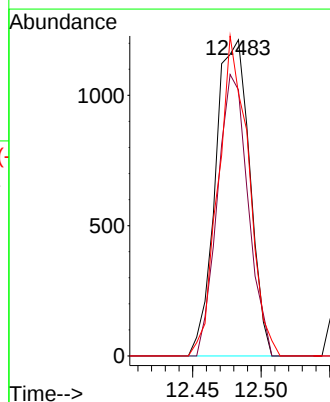
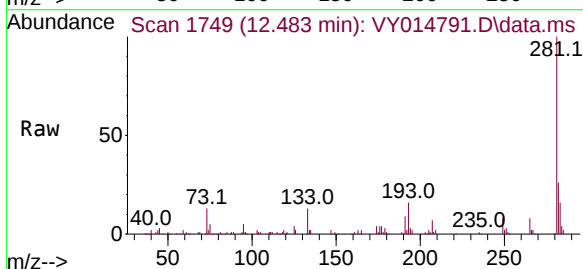
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

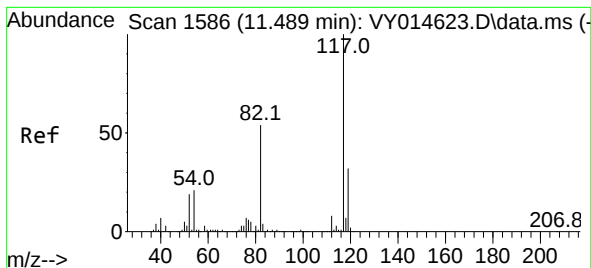
Tgt Ion:107 Resp: 44997
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 0.648 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 95 Resp: 2107
Ion Ratio Lower Upper
95 100
174 79.8 0.0 178.2
176 89.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

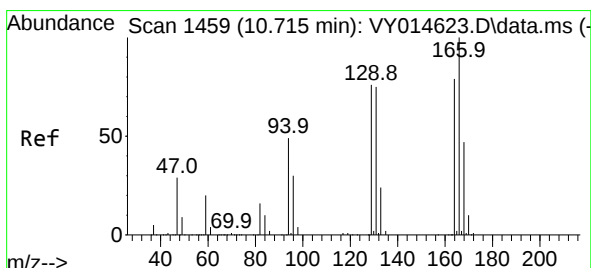
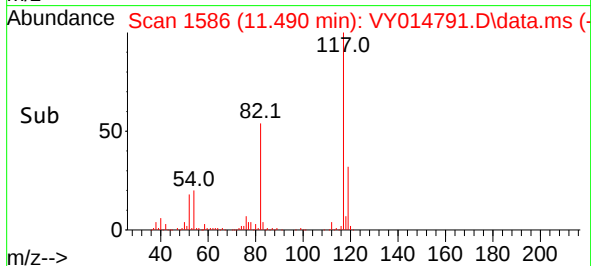
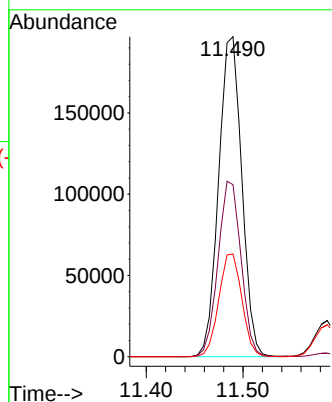
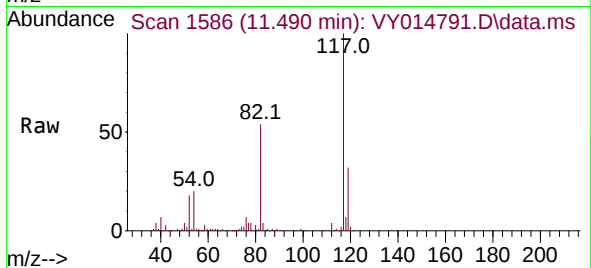
Tgt Ion:117 Resp: 326750

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 19.906 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Tgt Ion:164 Resp: 52313

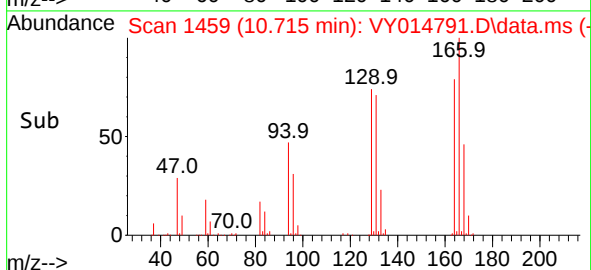
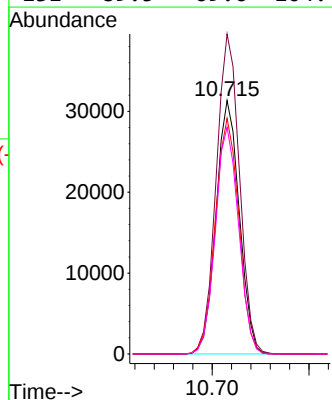
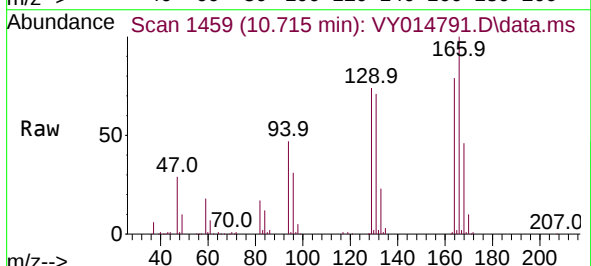
Ion Ratio Lower Upper

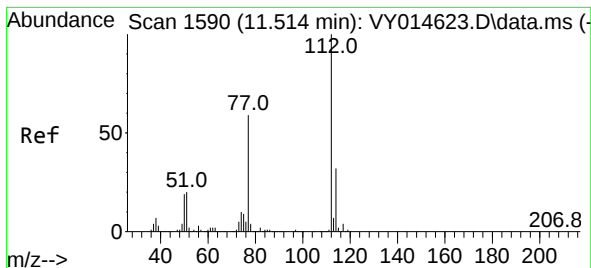
164 100

166 126.2 103.0 154.6

129 93.0 77.2 115.8

131 89.5 69.6 104.4





#65

Chlorobenzene

Concen: 18.897 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

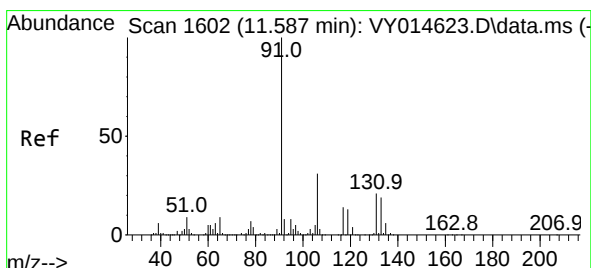
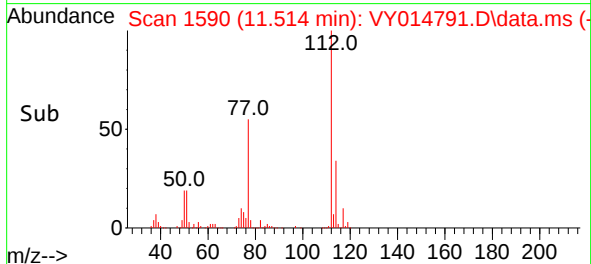
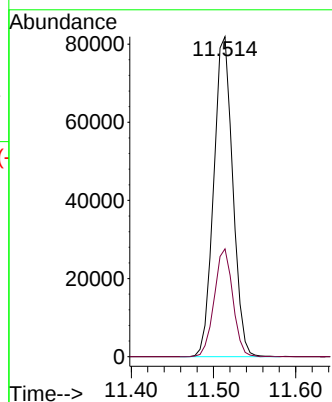
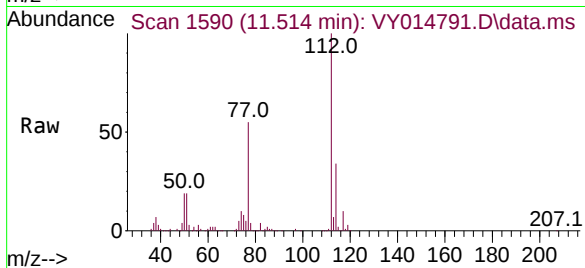
VY0725SBS01

Tgt Ion:112 Resp: 131579

Ion Ratio Lower Upper

112 100

114 33.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.300 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

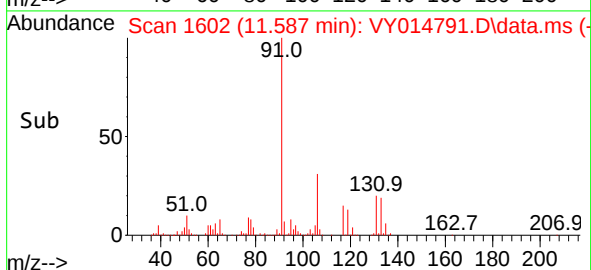
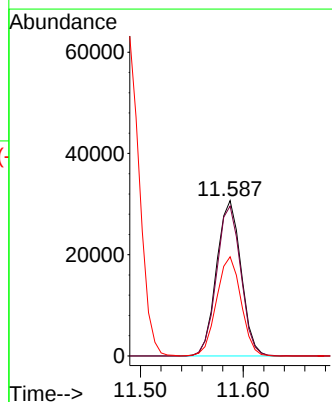
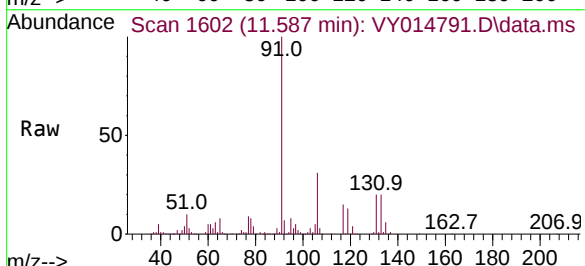
Tgt Ion:131 Resp: 50670

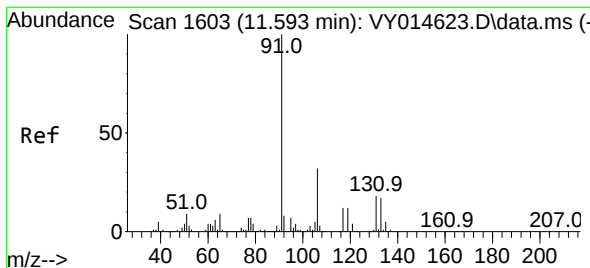
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 18.445 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

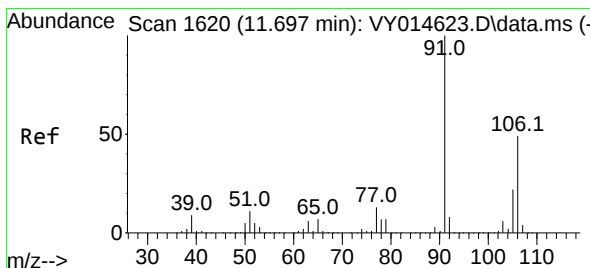
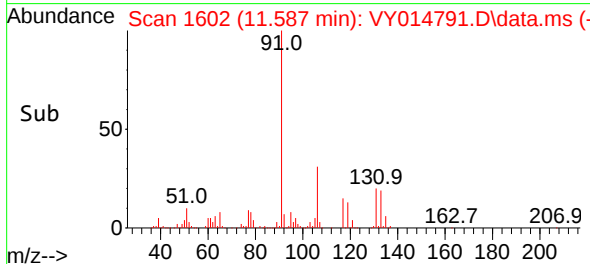
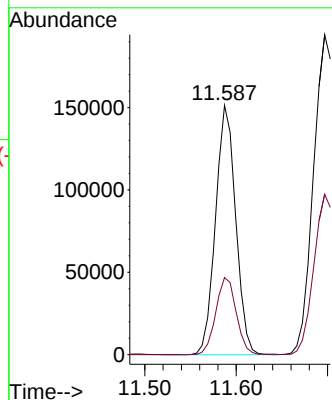
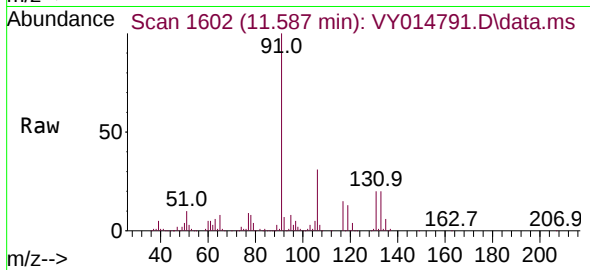
VY0725SBS01

Tgt Ion: 91 Resp: 231880

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 37.128 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014791.D

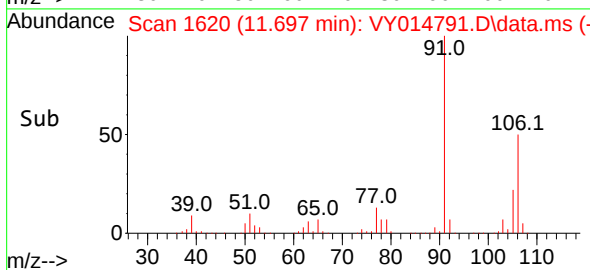
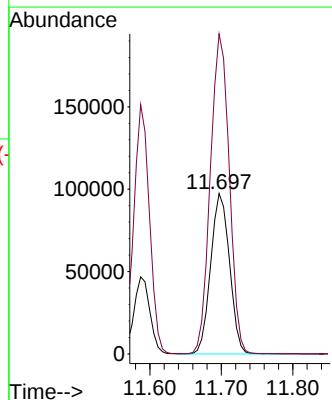
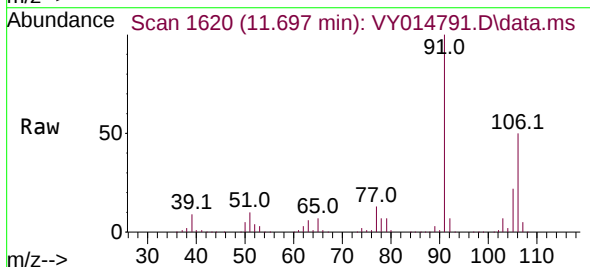
Acq: 25 Jul 2023 10:59

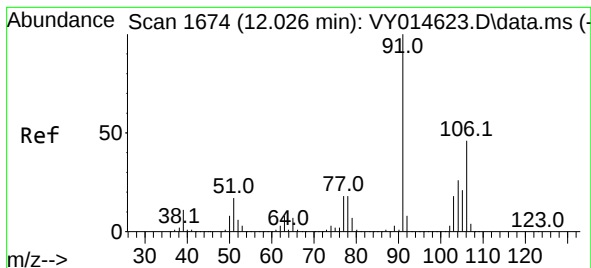
Tgt Ion:106 Resp: 178175

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1

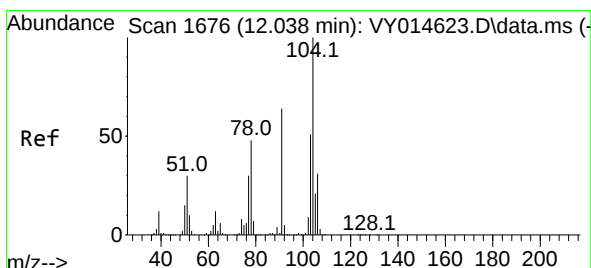
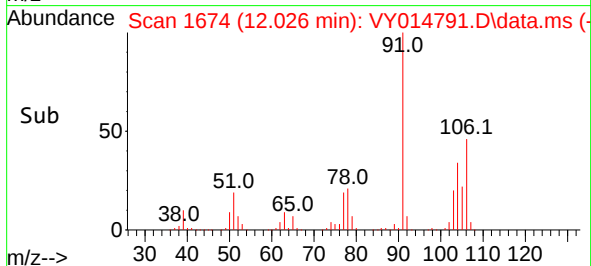
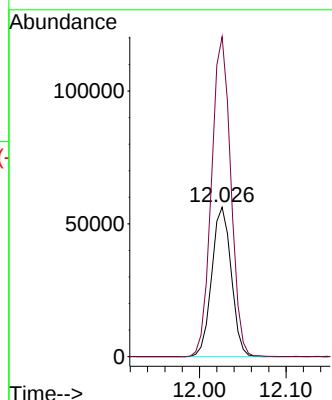
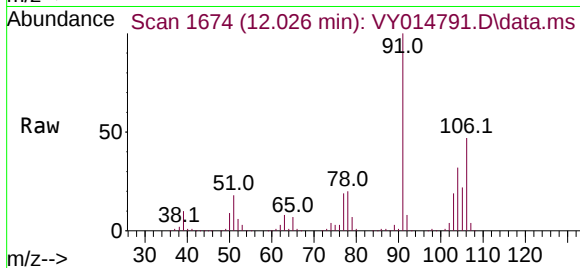




#69
o-Xylene
Concen: 18.805 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

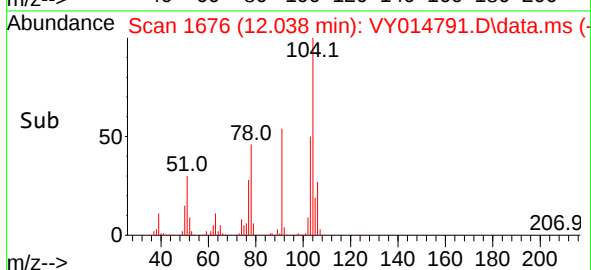
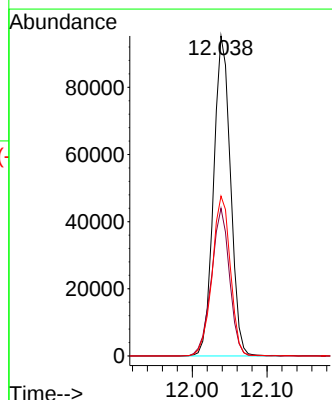
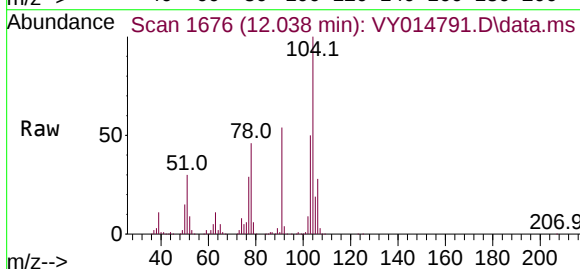
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

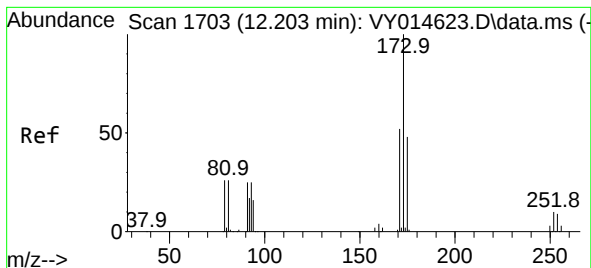
Tgt Ion:106 Resp: 87896
Ion Ratio Lower Upper
106 100
91 212.5 108.1 324.3



#70
Styrene
Concen: 19.012 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion:104 Resp: 149776
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 53.7 44.6 67.0





#71

Bromoform

Concen: 20.246 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBSD01

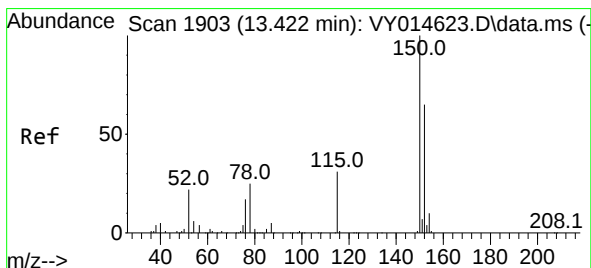
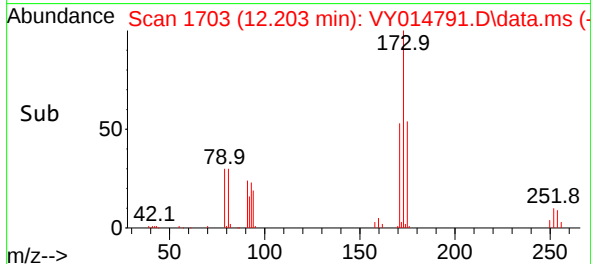
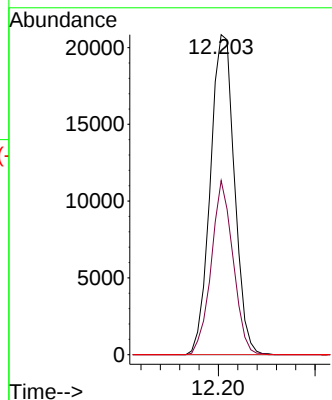
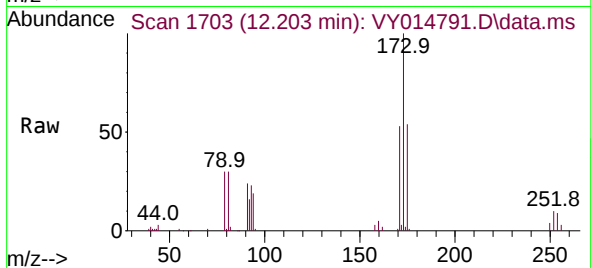
Tgt Ion:173 Resp: 36029

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

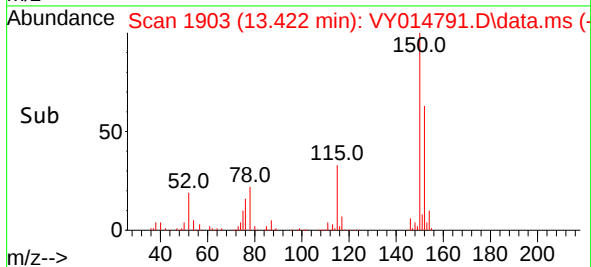
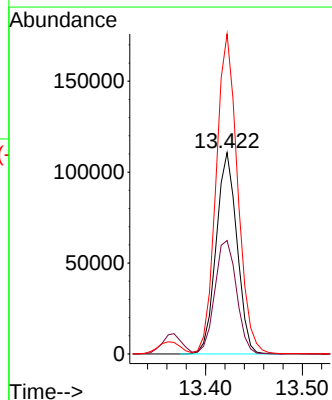
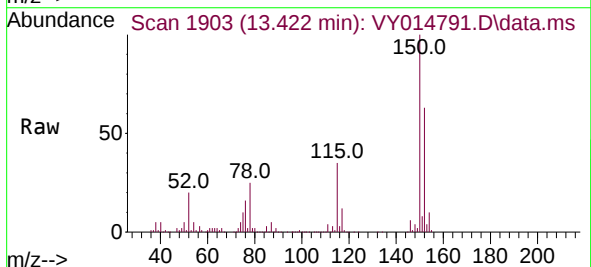
Tgt Ion:152 Resp: 165087

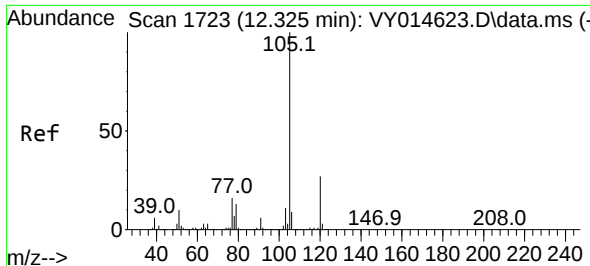
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 164.9 0.0 348.8

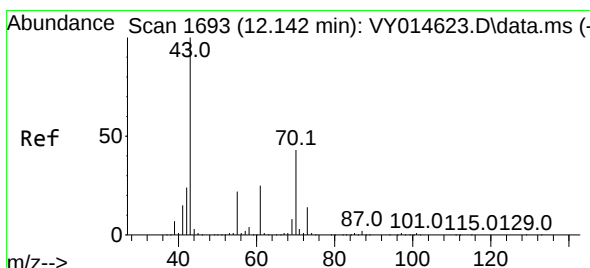
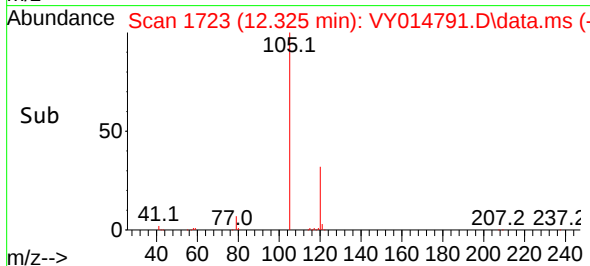
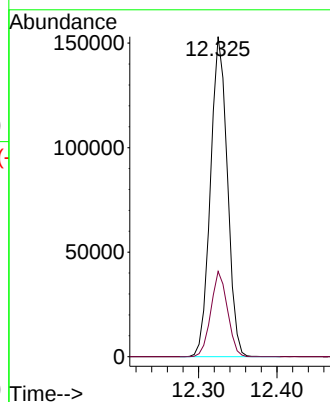
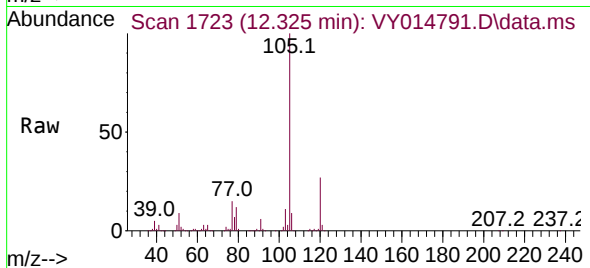




#73
Isopropylbenzene
Concen: 17.725 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

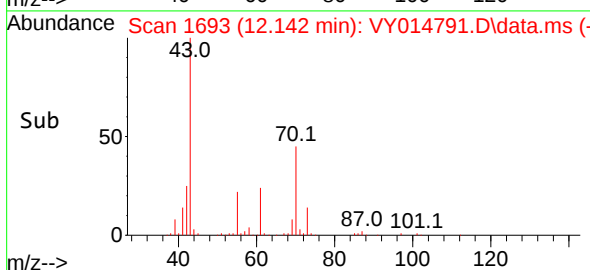
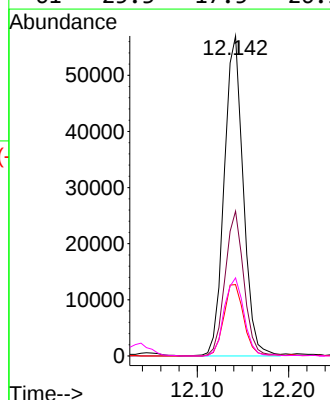
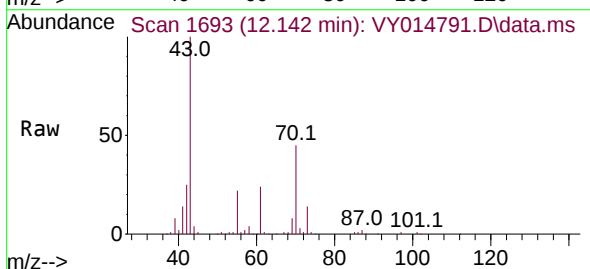
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

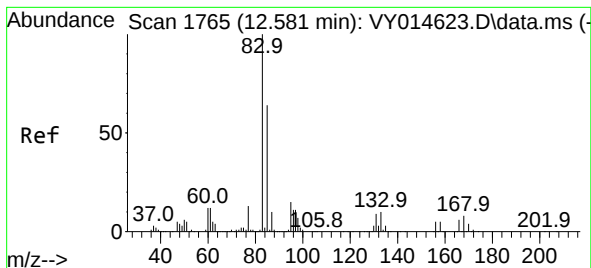
Tgt Ion:105 Resp: 229120
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9



#74
N-ethyl acetate
Concen: 19.111 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 43 Resp: 82738
Ion Ratio Lower Upper
43 100
70 44.7 29.7 44.5#
55 23.5 18.3 27.5
61 25.3 17.5 26.3

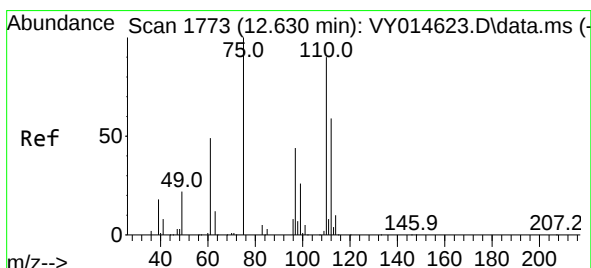
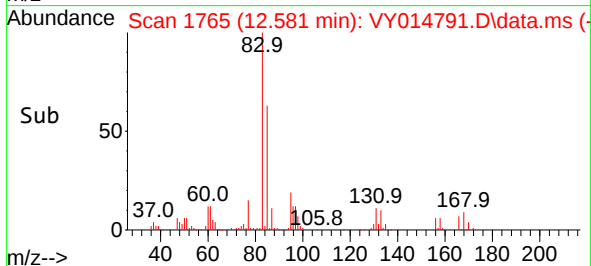
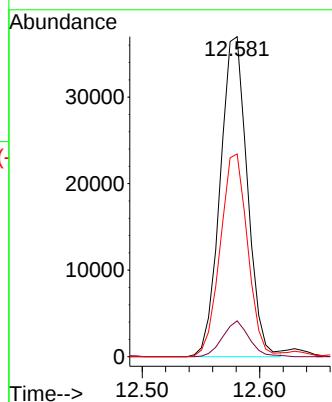
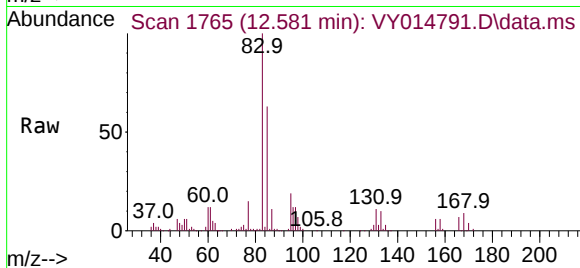




#75
1,1,2,2-Tetrachloroethane
Concen: 20.180 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

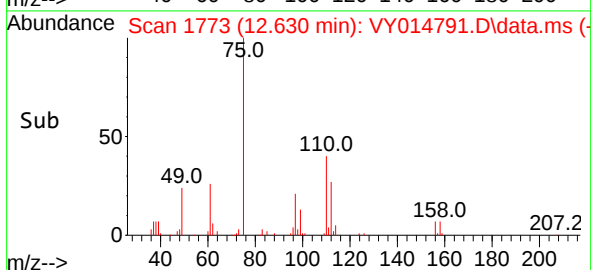
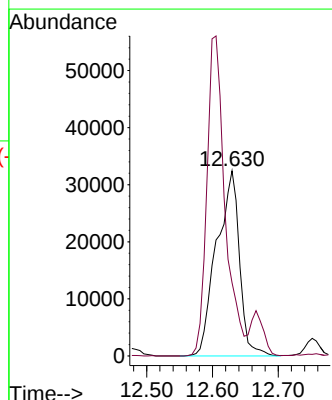
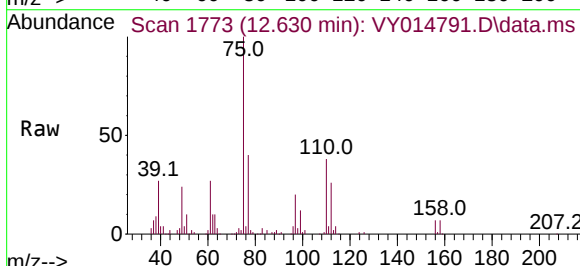
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

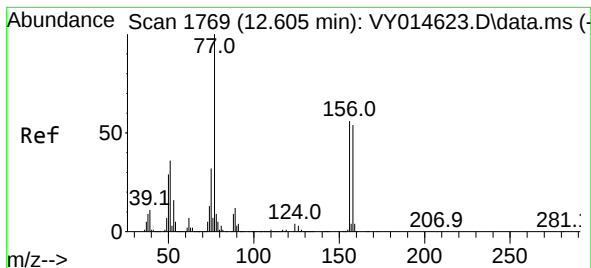
Tgt Ion: 83 Resp: 59486
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 63.9 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 37.665 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 75 Resp: 78531
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.413 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

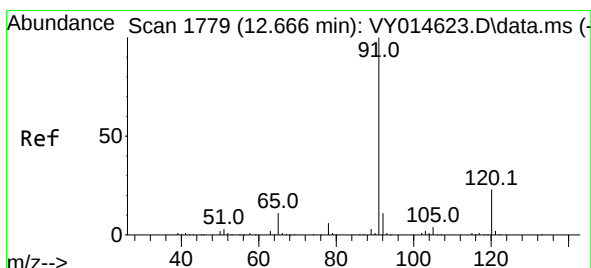
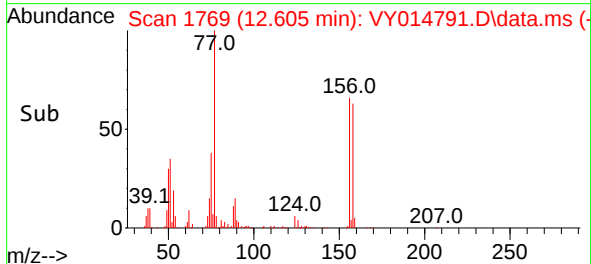
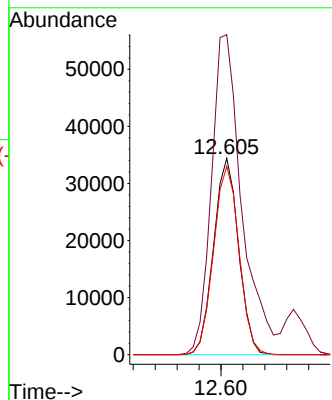
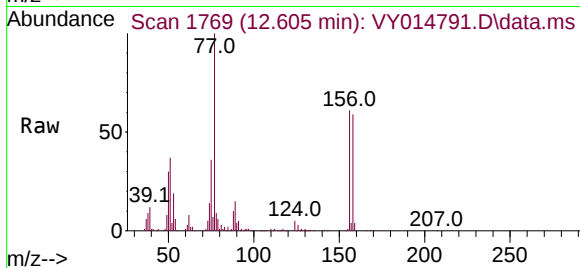
Tgt Ion:156 Resp: 54332

Ion Ratio Lower Upper

156 100

77 197.8 92.8 278.6

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 17.513 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014791.D

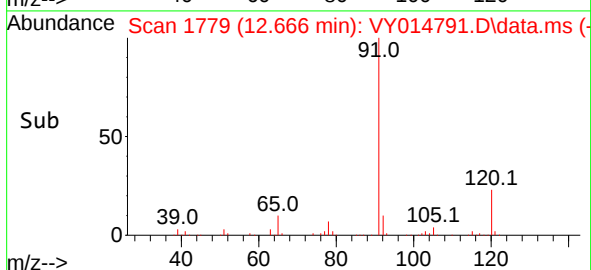
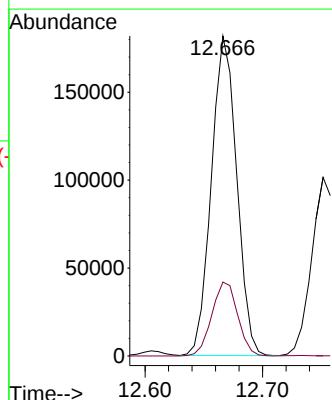
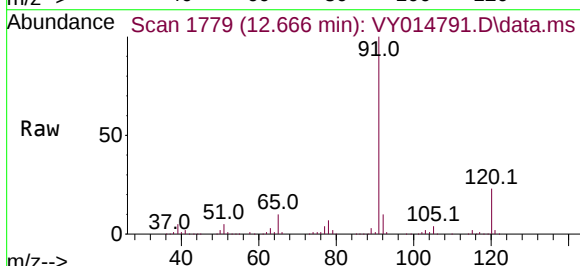
Acq: 25 Jul 2023 10:59

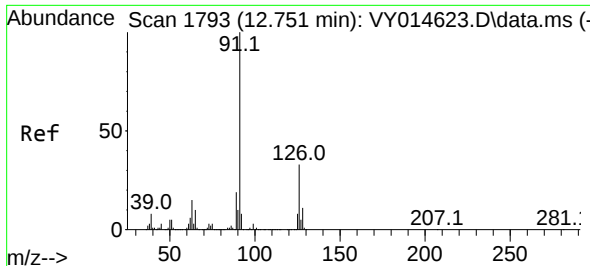
Tgt Ion: 91 Resp: 272789

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

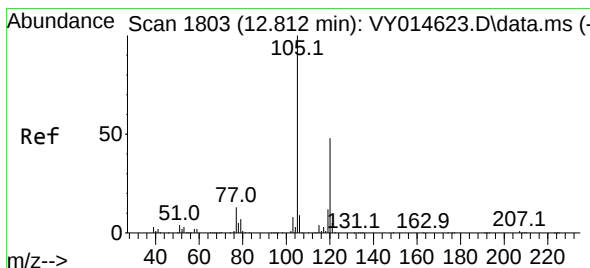
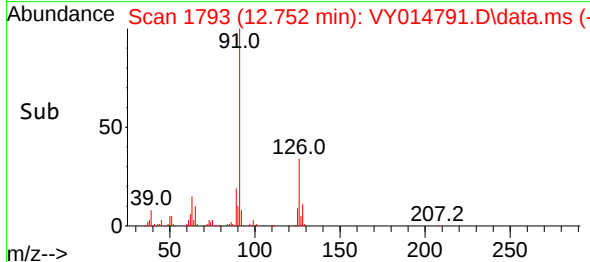
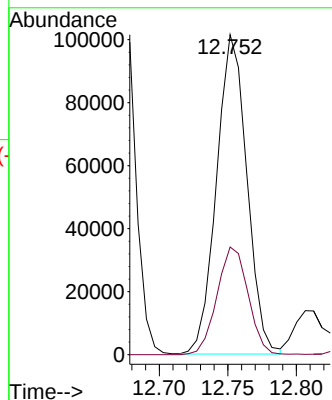
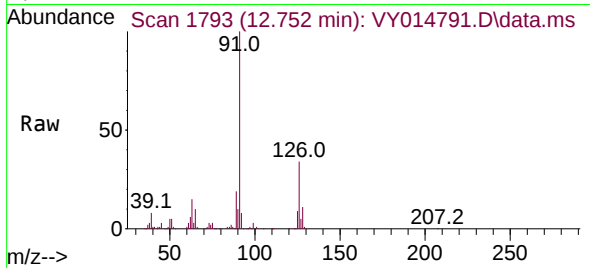




#79
2-Chlorotoluene
Concen: 17.433 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

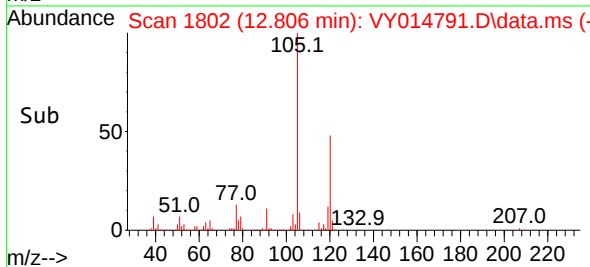
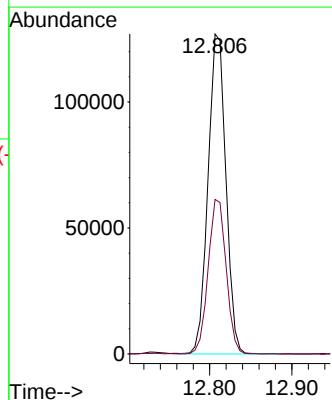
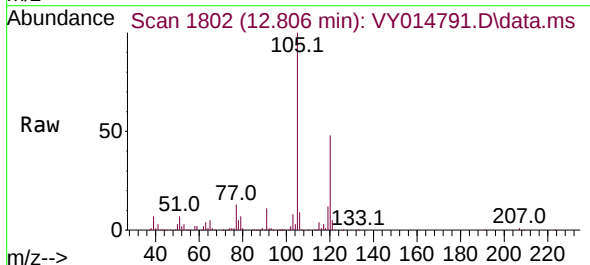
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

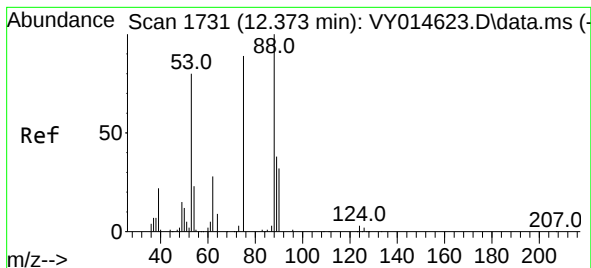
Tgt Ion: 91 Resp: 156409
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 17.738 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 105 Resp: 191484
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

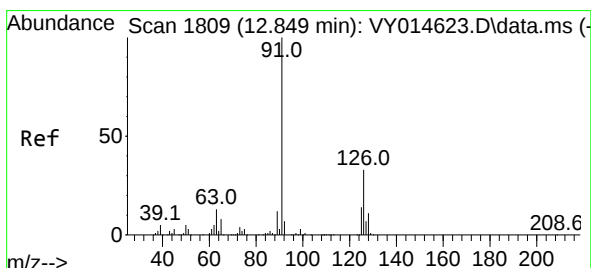
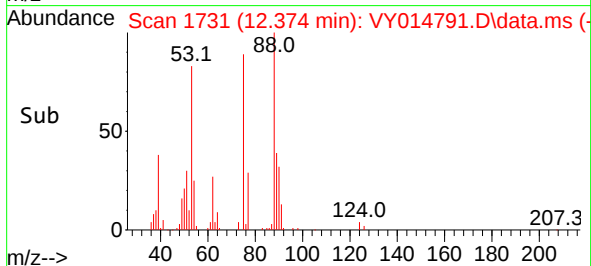
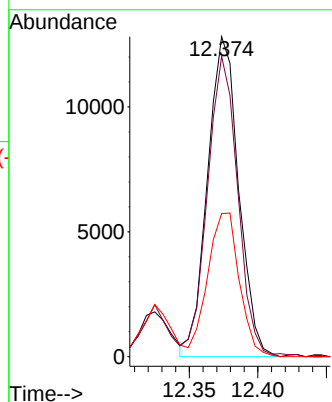
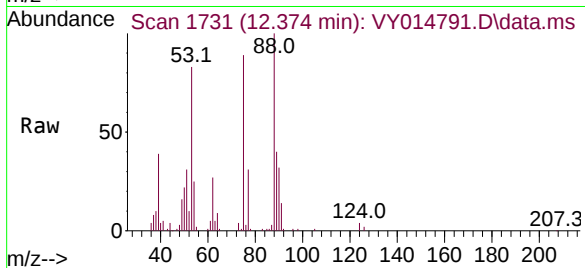




#81
trans-1,4-Dichloro-2-butene
Concen: 18.820 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

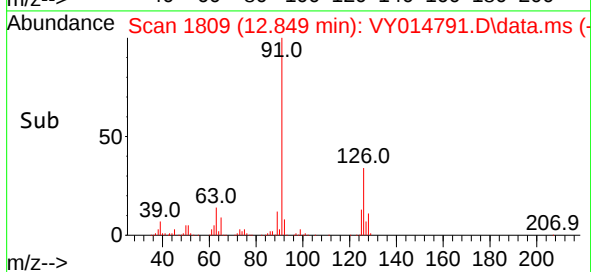
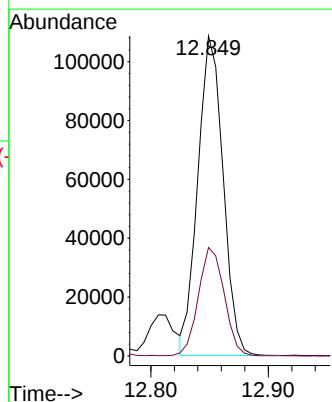
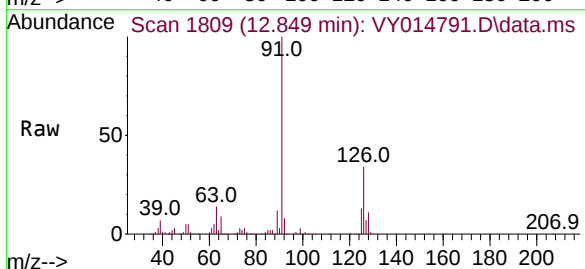
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

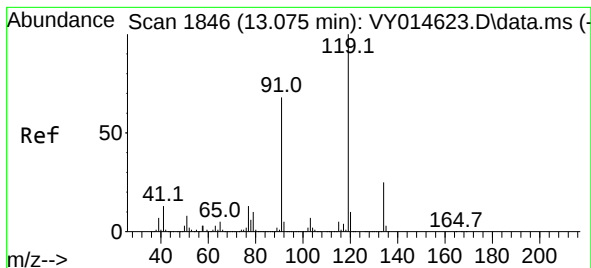
Tgt Ion: 75 Resp: 20267
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 17.561 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion: 91 Resp: 162267
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.666 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

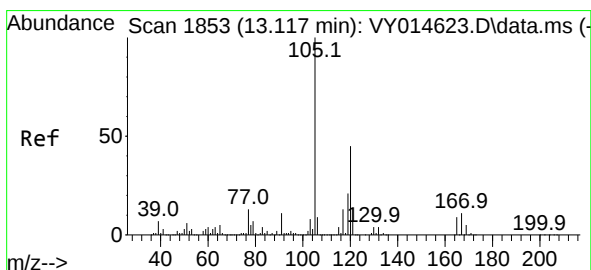
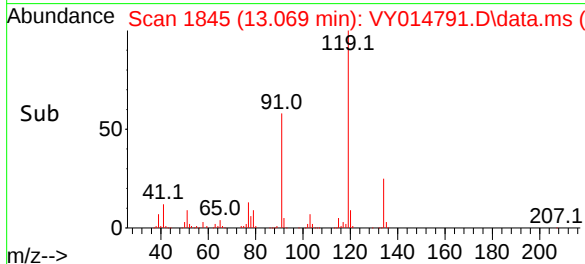
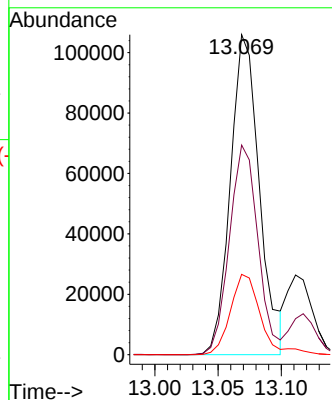
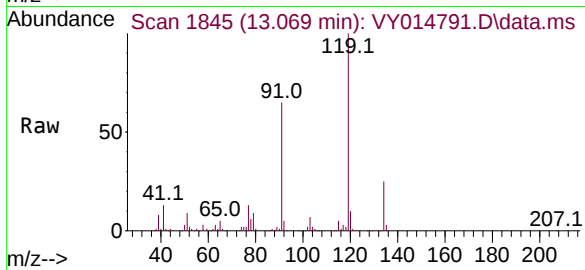
Tgt Ion:119 Resp: 169169

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.010 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014791.D

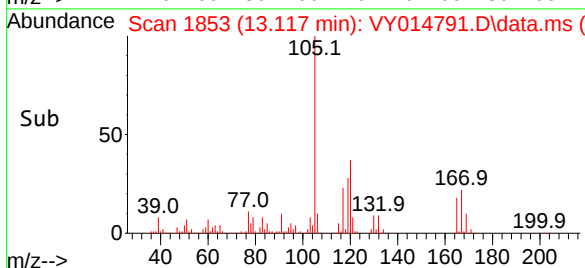
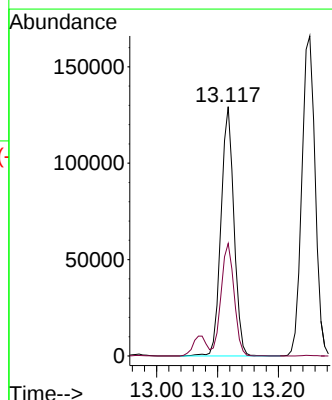
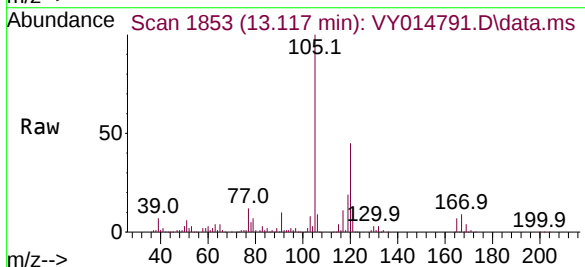
Acq: 25 Jul 2023 10:59

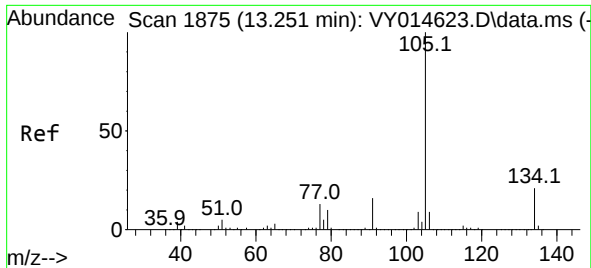
Tgt Ion:105 Resp: 190801

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6

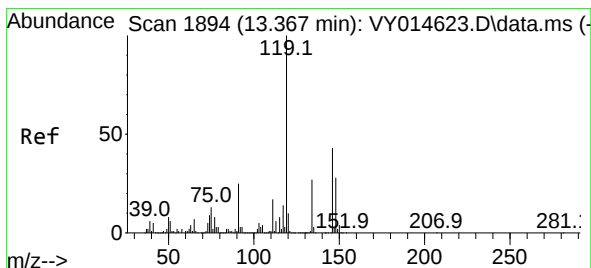
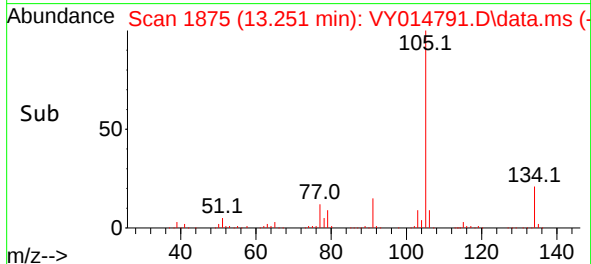
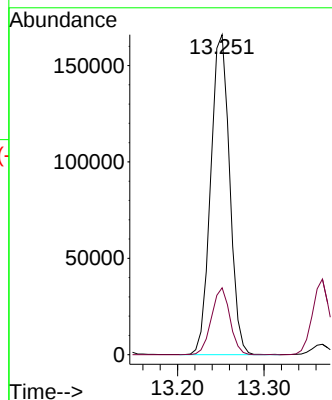
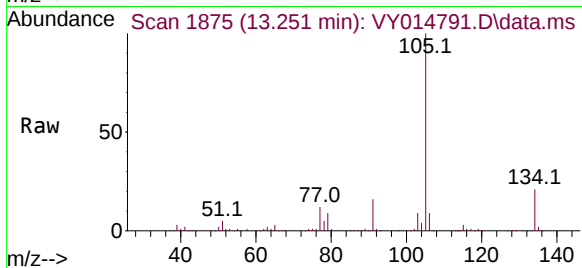




#85
 sec-Butylbenzene
 Concen: 17.925 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014791.D
 Acq: 25 Jul 2023 10:59

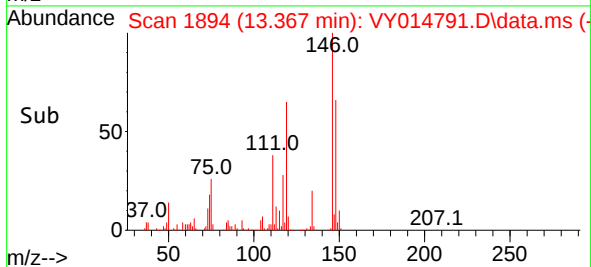
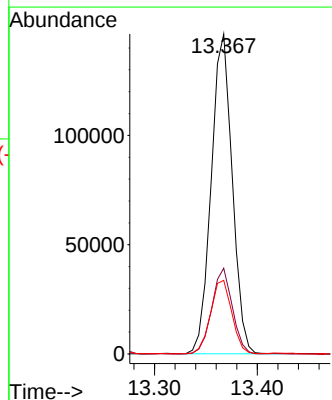
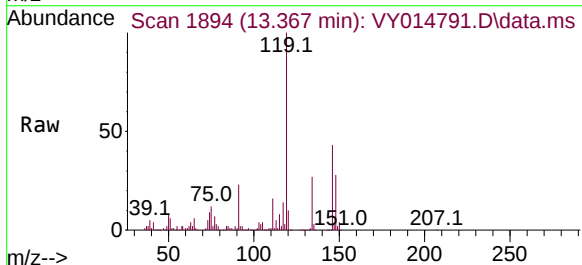
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

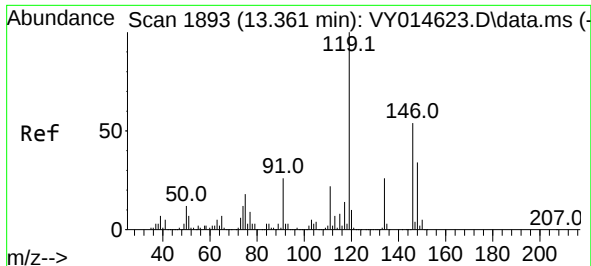
Tgt Ion:105 Resp: 251800
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 18.077 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014791.D
 Acq: 25 Jul 2023 10:59

Tgt Ion:119 Resp: 207339
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.3 12.4 37.4

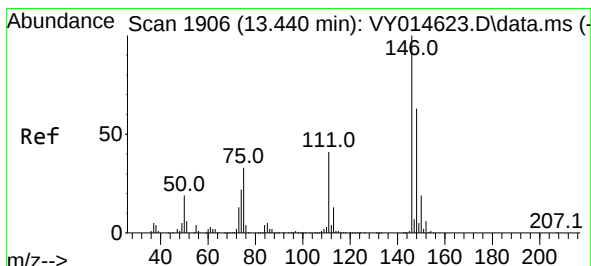
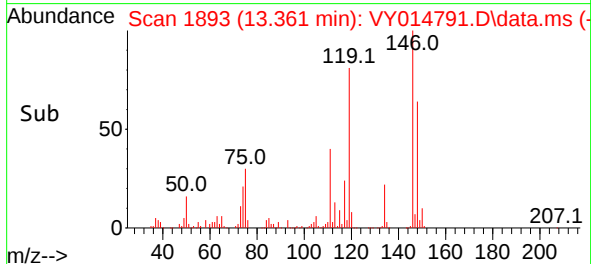
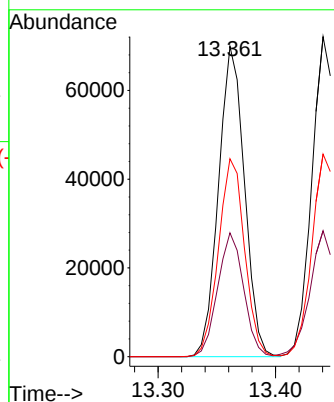
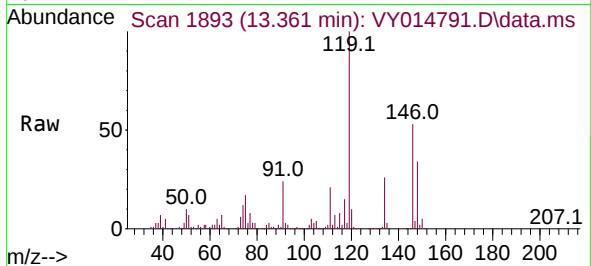




#87
1,3-Dichlorobenzene
Concen: 18.706 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

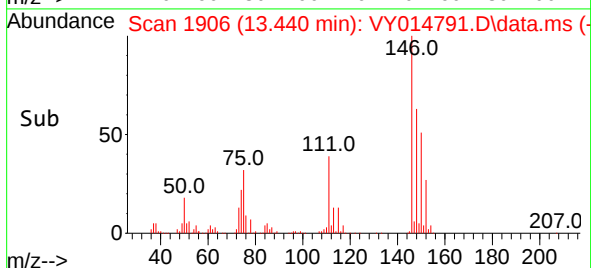
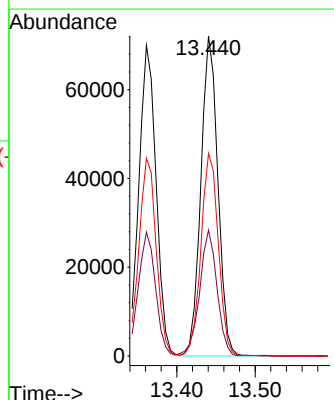
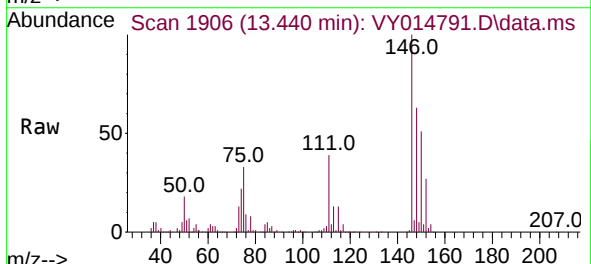
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

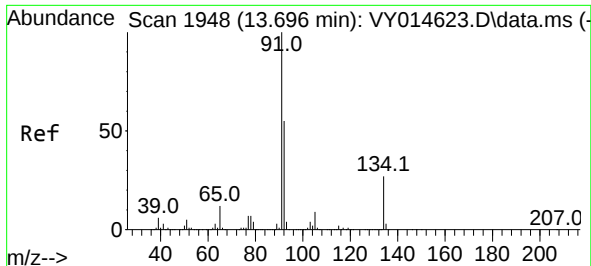
Tgt Ion:146 Resp: 107425
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 64.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 18.878 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014791.D
Acq: 25 Jul 2023 10:59

Tgt Ion:146 Resp: 108637
Ion Ratio Lower Upper
146 100
111 40.1 18.9 56.7
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 17.447 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

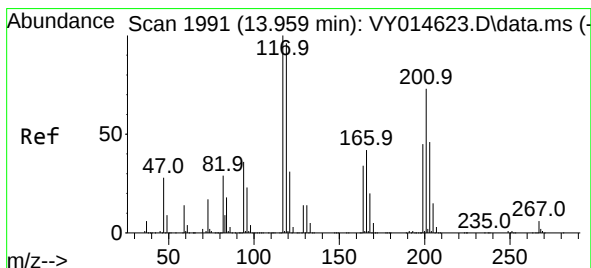
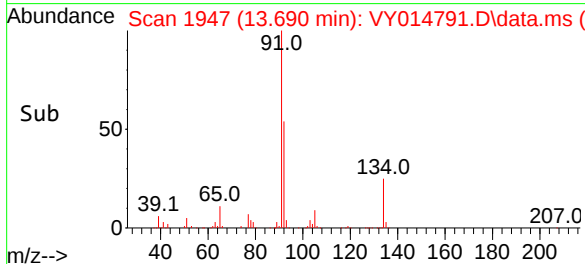
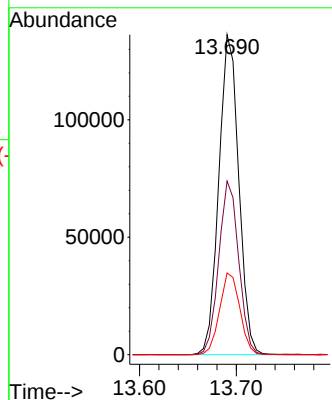
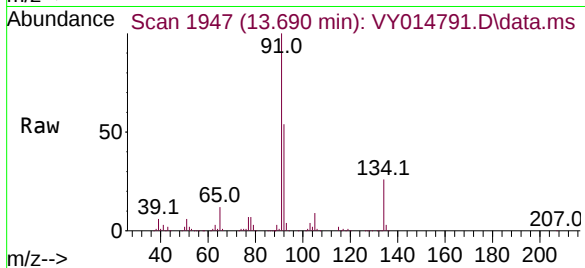
Tgt Ion: 91 Resp: 194687

Ion Ratio Lower Upper

91 100

92 54.3 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 17.224 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014791.D

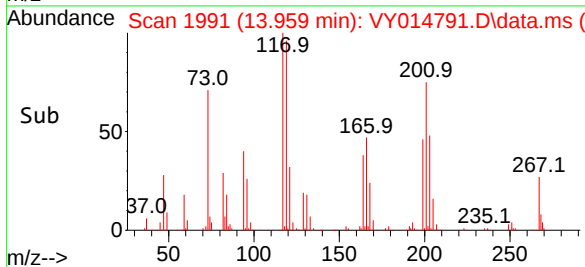
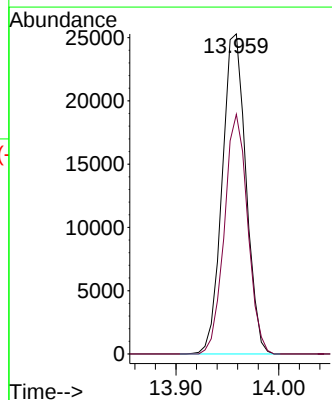
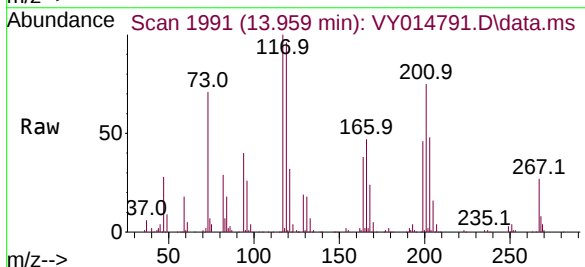
Acq: 25 Jul 2023 10:59

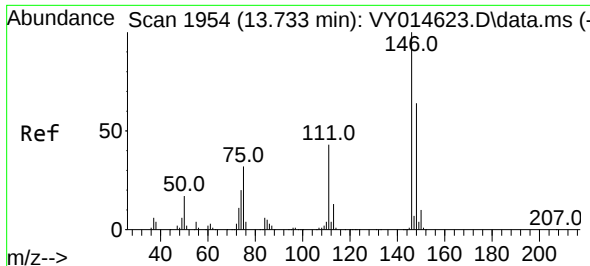
Tgt Ion: 117 Resp: 40577

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.002 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBSD01

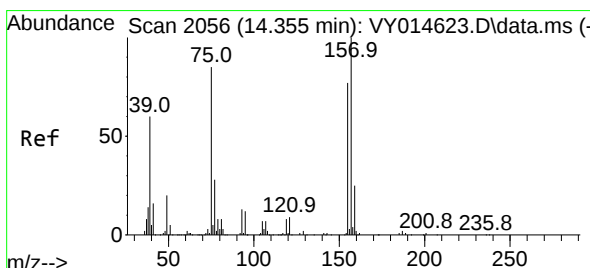
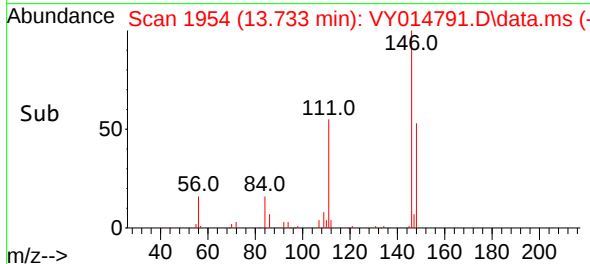
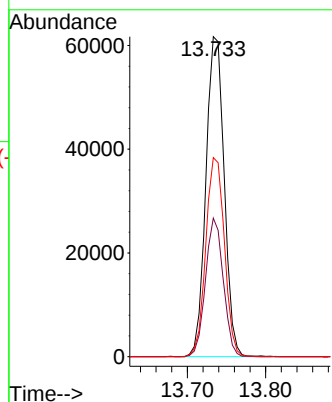
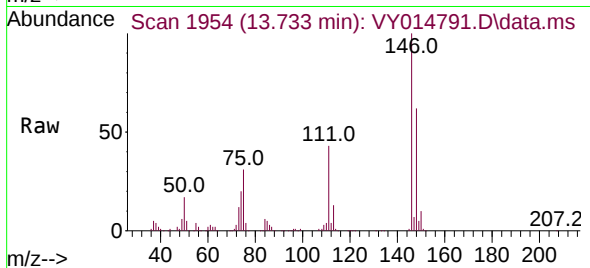
Tgt Ion:146 Resp: 99977

Ion Ratio Lower Upper

146 100

111 42.0 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.382 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

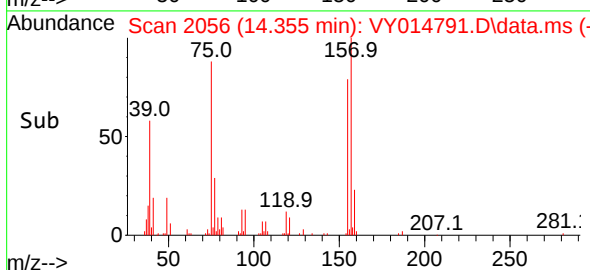
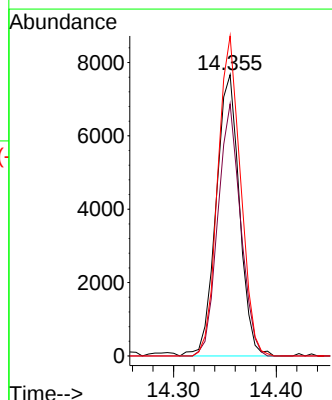
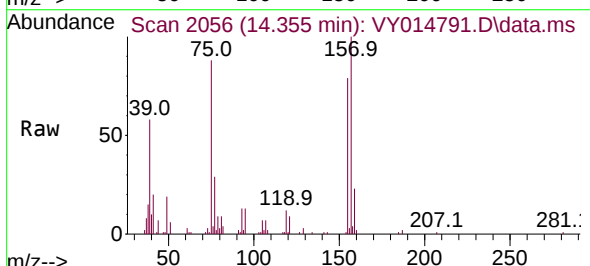
Tgt Ion: 75 Resp: 12054

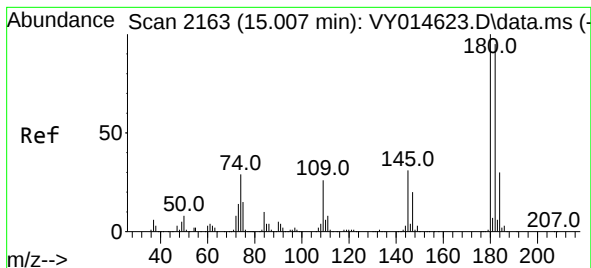
Ion Ratio Lower Upper

75 100

155 86.9 41.5 124.6

157 110.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.189 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

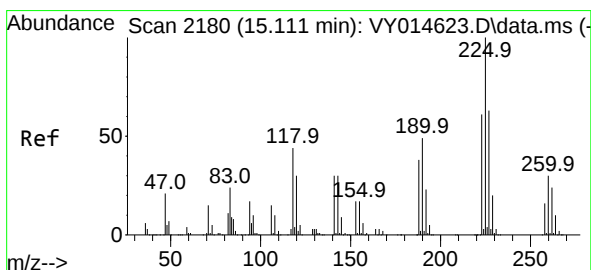
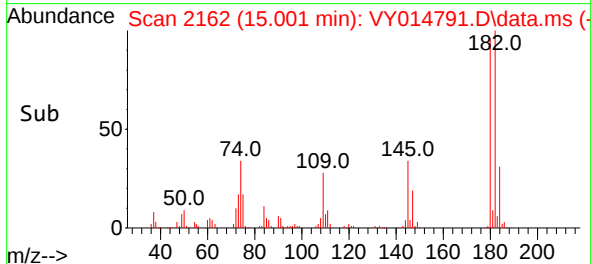
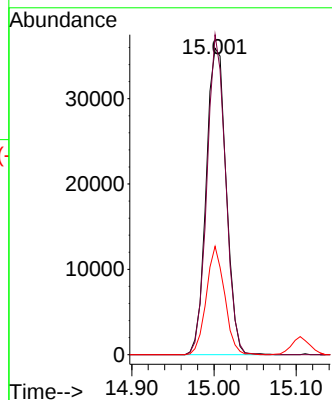
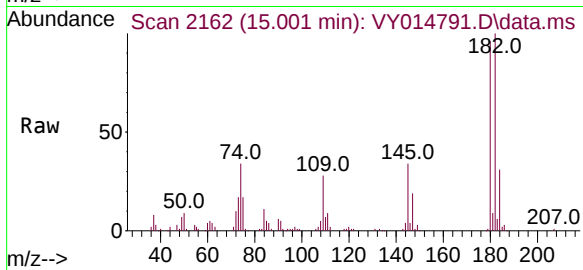
Tgt Ion:180 Resp: 60751

Ion Ratio Lower Upper

180 100

182 97.1 47.0 141.2

145 32.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 17.951 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

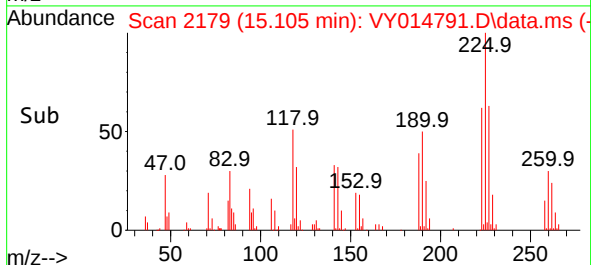
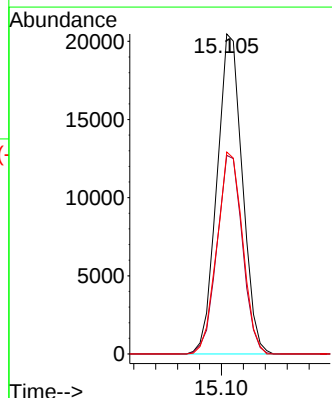
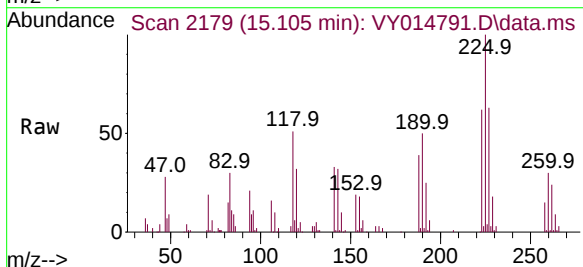
Tgt Ion:225 Resp: 32948

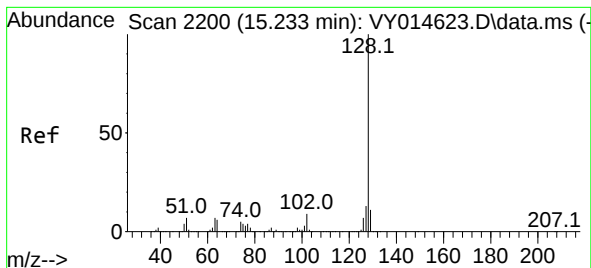
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 20.305 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

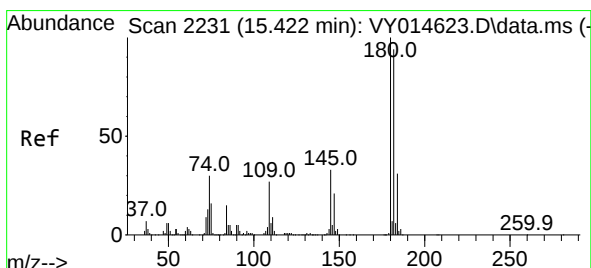
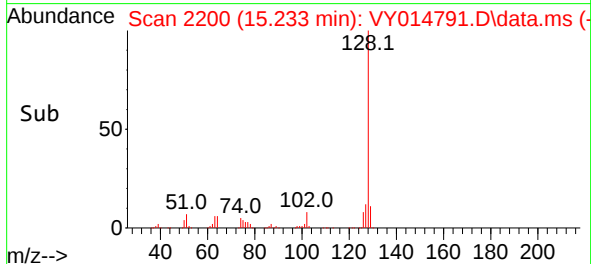
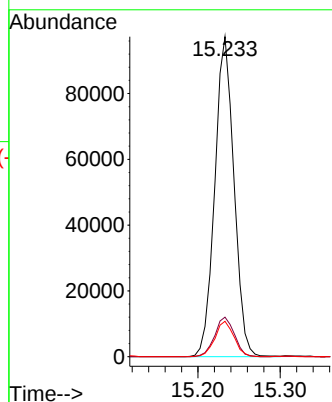
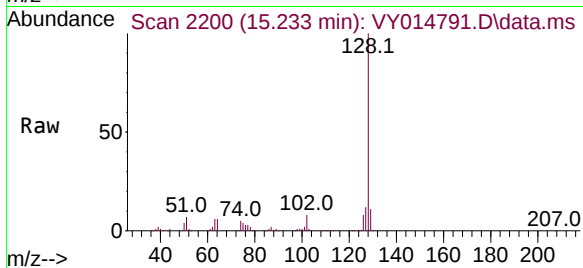
Tgt Ion:128 Resp: 157996

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.975 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014791.D

Acq: 25 Jul 2023 10:59

Tgt Ion:180 Resp: 56325

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 33.0 15.4 46.2

