

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013707.D
 Acq On : 11 May 2023 11:05
 Operator : KP/MD
 Sample : VY0511SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

Quant Time: May 12 04:39:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124388	50.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.716	113	112061	54.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.179	98	375347	50.873	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.483	95	138925	55.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50552	23.812	ug/l	97
3) Chloromethane	2.113	50	61064	21.459	ug/l	99
4) Vinyl Chloride	2.253	62	62142	21.932	ug/l	99
5) Bromomethane	2.650	94	49245	21.810	ug/l	100
6) Chloroethane	2.790	64	39301	20.078	ug/l	95
7) Trichlorofluoromethane	3.125	101	104155	24.266	ug/l	99
8) Diethyl Ether	3.528	74	32156	22.000	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	56519	23.475	ug/l	98
10) Methyl Iodide	4.088	142	58632	19.389	ug/l	96
11) Tert butyl alcohol	4.930	59	50507	183.356	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	51271	22.092	ug/l	95
13) Acrolein	3.729	56	19606	85.852	ug/l	96
14) Allyl chloride	4.479	41	89306	20.739	ug/l	97
15) Acrylonitrile	5.161	53	87485	106.873	ug/l	98
16) Acetone	3.948	43	95239	98.794	ug/l	96
17) Carbon Disulfide	4.192	76	150865	20.012	ug/l	100
18) Methyl Acetate	4.479	43	68136	21.400	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	140999	21.044	ug/l	99
20) Methylene Chloride	4.710	84	77533	20.977	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	56824	22.394	ug/l	97
22) Diisopropyl ether	6.119	45	184936	21.972	ug/l	94
23) Vinyl Acetate	6.058	43	538287	112.953	ug/l	95
24) 1,1-Dichloroethane	6.015	63	105229	22.432	ug/l	98
25) 2-Butanone	6.984	43	126310	103.314	ug/l	94
26) 2,2-Dichloropropane	6.984	77	98149	24.281	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	63014	22.476	ug/l	93
28) Bromochloromethane	7.332	49	37226	22.363	ug/l	86
29) Tetrahydrofuran	7.350	42	74571	97.986	ug/l	92
30) Chloroform	7.509	83	113518	24.339	ug/l	98
31) Cyclohexane	7.789	56	90450	20.637	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	102415	24.608	ug/l	98
36) 1,1-Dichloropropene	7.917	75	81292	23.617	ug/l	98
37) Ethyl Acetate	7.070	43	52733	20.358	ug/l	96
38) Carbon Tetrachloride	7.899	117	94876	26.298	ug/l	98
39) Methylcyclohexane	9.185	83	91392	22.522	ug/l	95
40) Benzene	8.161	78	234006	24.134	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	30755	25.479	ug/l	88
42) 1,2-Dichloroethane	8.234	62	79170	24.975	ug/l	98
43) Isopropyl Acetate	8.271	43	92815	21.229	ug/l	98
44) Trichloroethene	8.941	130	62392	24.191	ug/l	98
45) 1,2-Dichloropropane	9.216	63	60120	23.714	ug/l	99
46) Dibromomethane	9.301	93	35616	23.480	ug/l	98
47) Bromodichloromethane	9.496	83	85445	25.174	ug/l	95
48) Methyl methacrylate	9.295	41	44207	22.016	ug/l	91
49) 1,4-Dioxane	9.313	88	8667	400.060	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	263076	107.979	ug/l	96
52) Toluene	10.246	92	144627	24.787	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	87926	24.477	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	95868	23.717	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	48595	24.191	ug/l	98
56) Ethyl methacrylate	10.508	69	62212	22.323	ug/l	91
57) 1,3-Dichloropropane	10.788	76	81209	23.870	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	120606	115.408	ug/l	95
59) 2-Hexanone	10.831	43	190444	107.532	ug/l	96
60) Dibromochloromethane	10.984	129	60095	24.638	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47145	23.871	ug/l	97
64) Tetrachloroethene	10.721	164	55319	24.059	ug/l	97
65) Chlorobenzene	11.514	112	156494	23.758	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	61243	24.860	ug/l	99
67) Ethyl Benzene	11.593	91	271990	23.515	ug/l	100
68) m/p-Xylenes	11.703	106	213482	48.551	ug/l	99
69) o-Xylene	12.032	106	97135	23.358	ug/l	96
70) Styrene	12.044	104	168062	24.171	ug/l	99
71) Bromoform	12.209	173	40666	23.567	ug/l #	99
73) Isopropylbenzene	12.331	105	267723	22.686	ug/l	98
74) N-amyl acetate	12.142	43	80924	19.269	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	61455	21.305	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	80087	38.060	ug/l #	100
77) Bromobenzene	12.605	156	67491	23.602	ug/l	95
78) n-propylbenzene	12.672	91	333504	22.943	ug/l	98
79) 2-Chlorotoluene	12.758	91	186711	23.001	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	224556	23.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	21250	20.657	ug/l	96
82) 4-Chlorotoluene	12.855	91	192822	22.790	ug/l	98
83) tert-Butylbenzene	13.075	119	191466	22.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	223374	23.852	ug/l	100
85) sec-Butylbenzene	13.251	105	290876	23.225	ug/l	100
86) p-Isopropyltoluene	13.367	119	240209	23.850	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	129969	23.857	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	127697	23.204	ug/l	97
89) n-Butylbenzene	13.697	91	224528	22.840	ug/l	98
90) Hexachloroethane	13.959	117	48243	22.759	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	115852	23.549	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10755	21.111	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	69251	23.610	ug/l	99
94) Hexachlorobutadiene	15.111	225	44938	26.325	ug/l	99
95) Naphthalene	15.233	128	135183	21.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63385	24.246	ug/l	98

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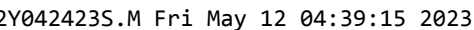
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

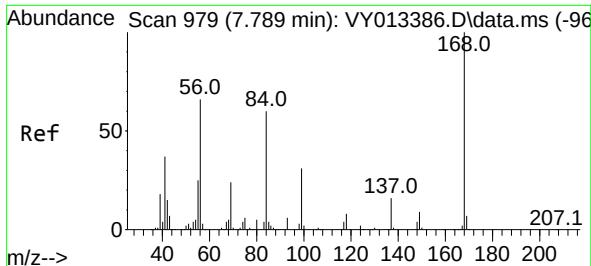
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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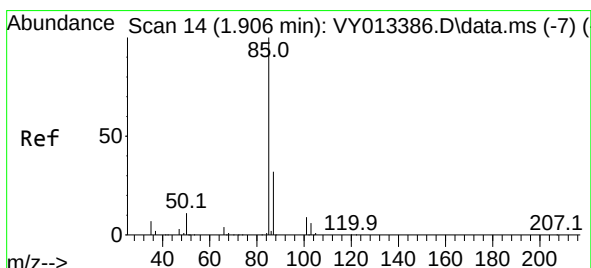
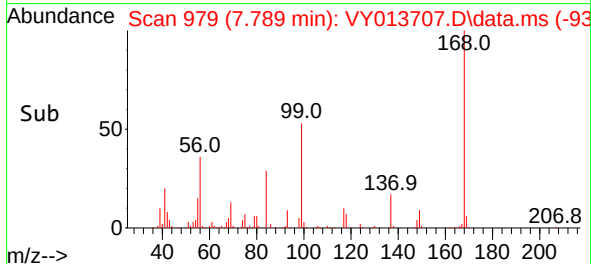
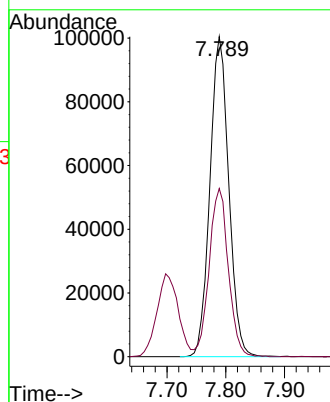
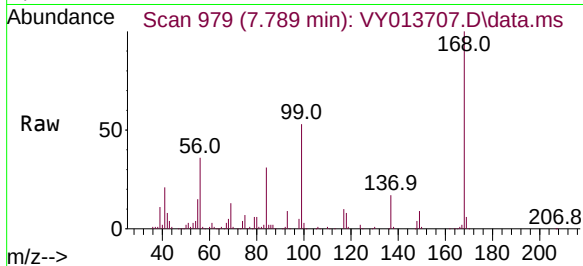




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013707.D
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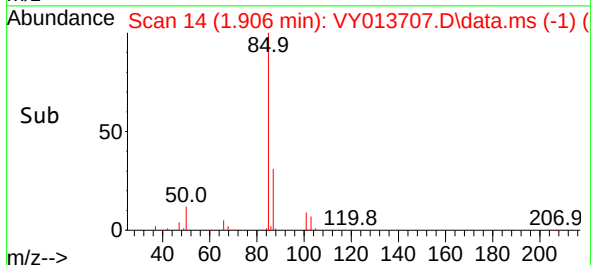
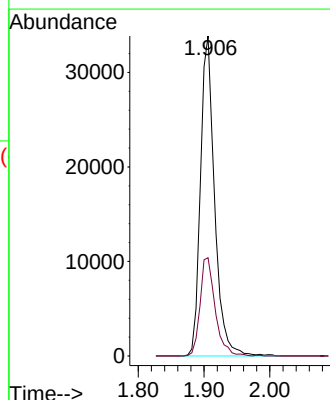
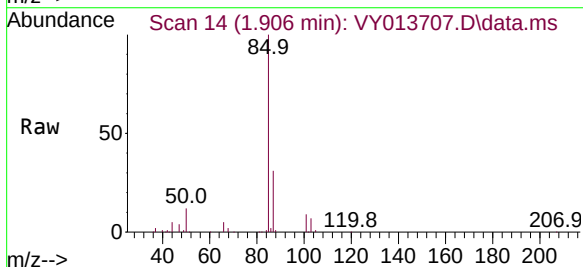
Instrument :
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VY0511SBSD01

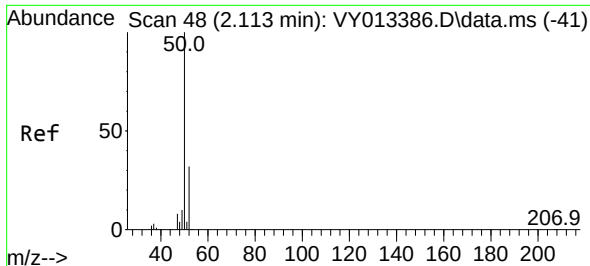
Tgt Ion:168 Resp: 223306
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.812 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 85 Resp: 50552
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2

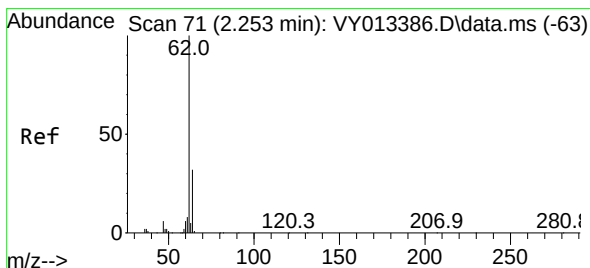
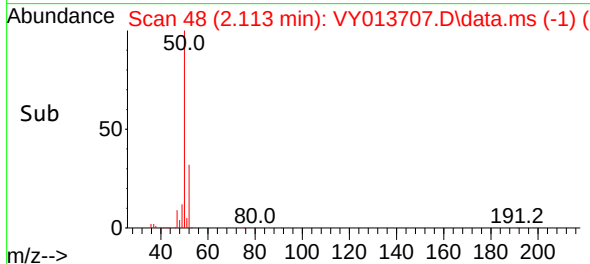
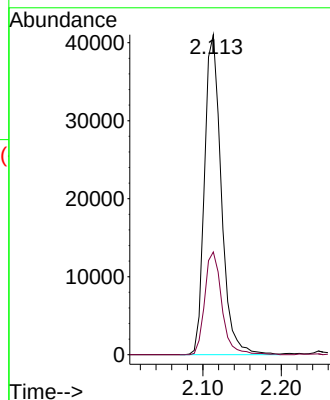
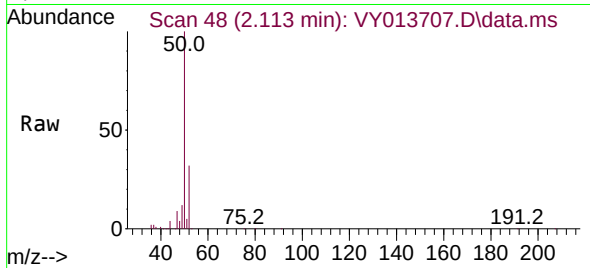




#3
Chloromethane
Concen: 21.459 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

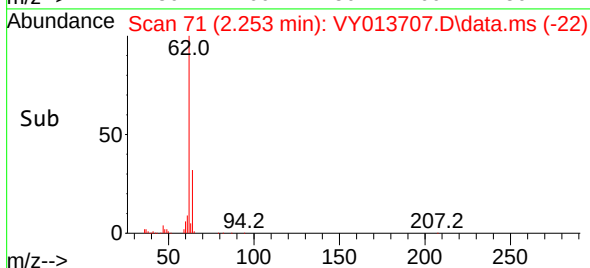
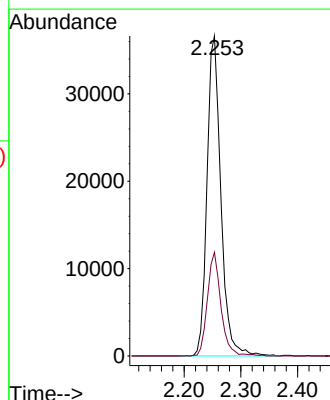
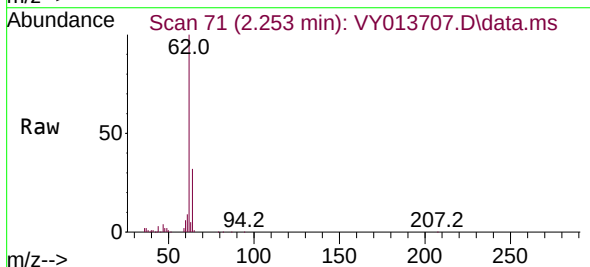
Instrument :
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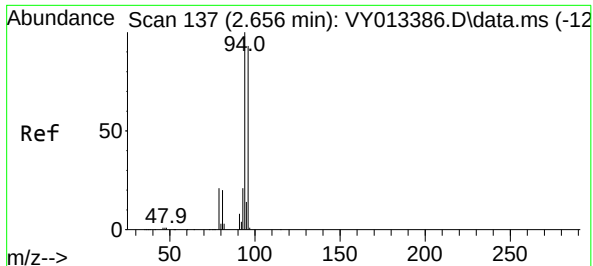
Tgt Ion: 50 Resp: 61064
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 21.932 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 62 Resp: 62142
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0

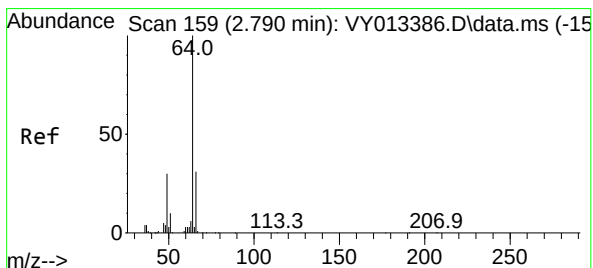
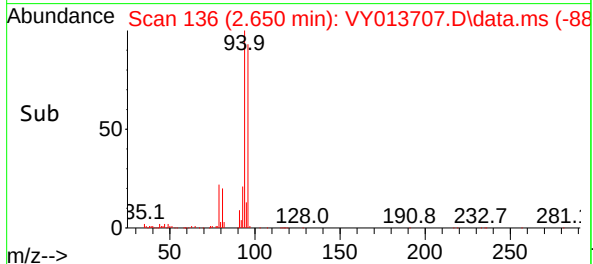
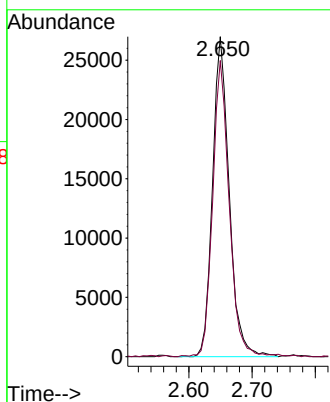
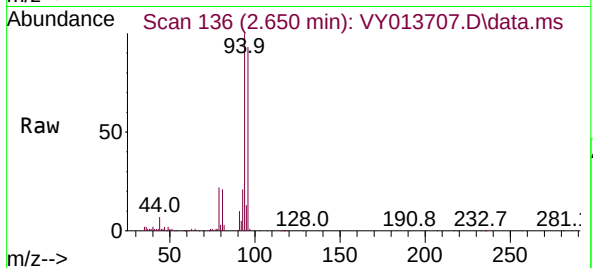




#5
Bromomethane
Concen: 21.810 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

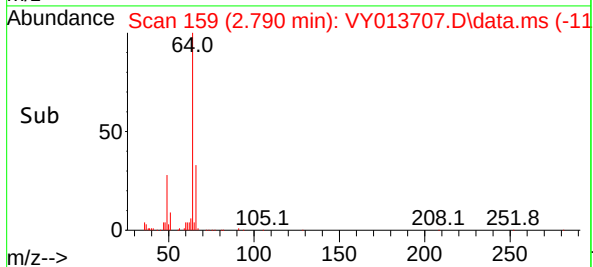
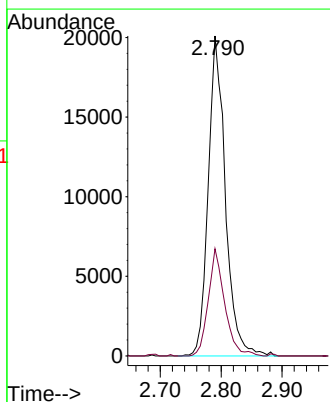
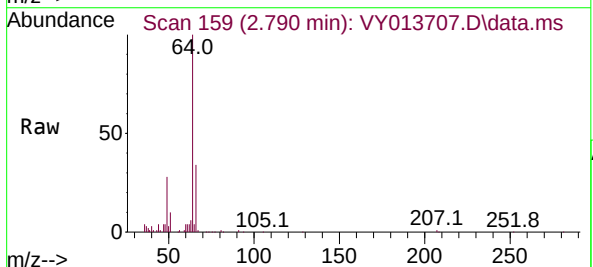
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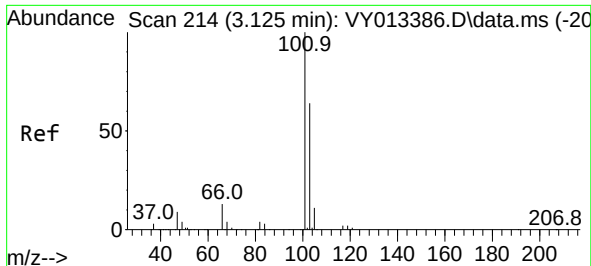
Tgt Ion: 94 Resp: 49245
Ion Ratio Lower Upper
94 100
96 92.6 74.2 111.2



#6
Chloroethane
Concen: 20.078 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 64 Resp: 39301
Ion Ratio Lower Upper
64 100
66 33.5 24.6 37.0

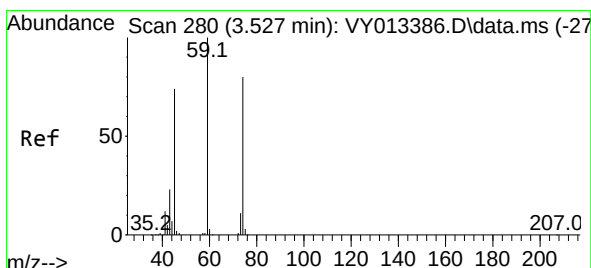
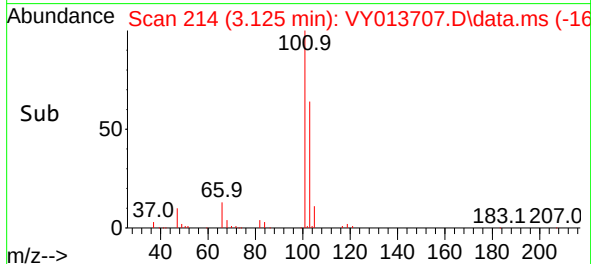
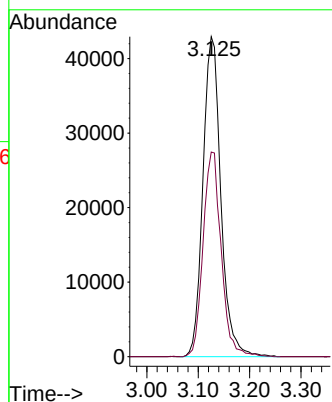
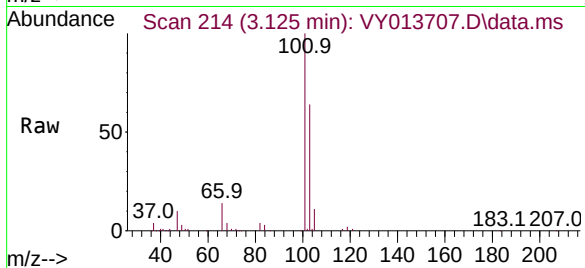




#7
 Trichlorofluoromethane
 Concen: 24.266 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013707.D
 Acq: 11 May 2023 11:05

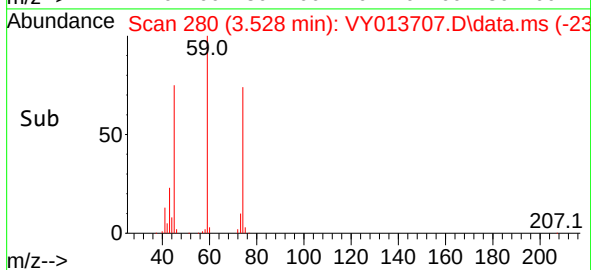
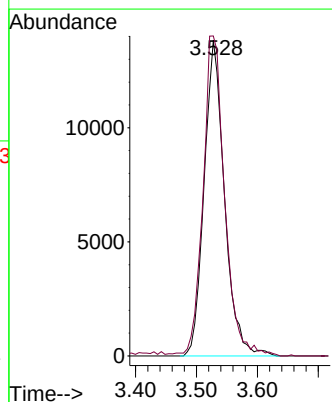
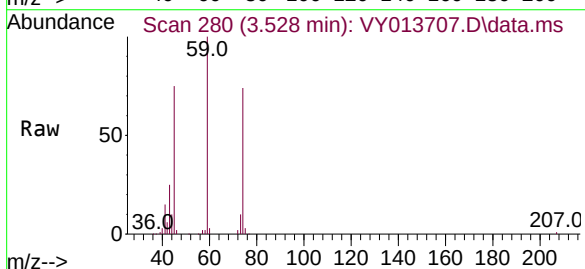
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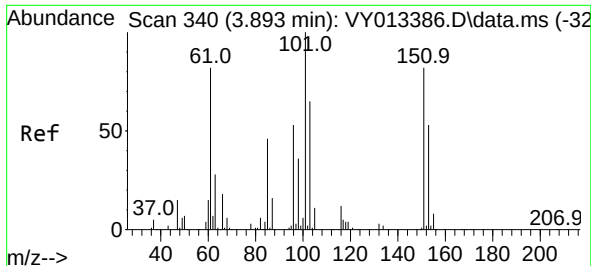
Tgt Ion:101 Resp: 104155
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 22.000 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 32156
 Ion Ratio Lower Upper
 74 100
 45 107.9 48.2 144.6

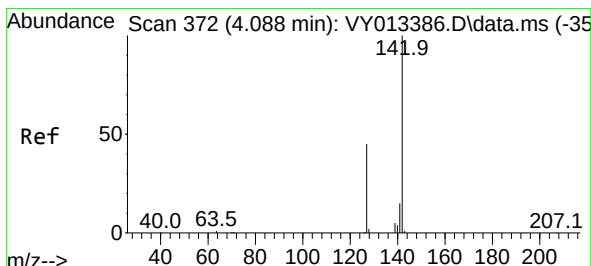
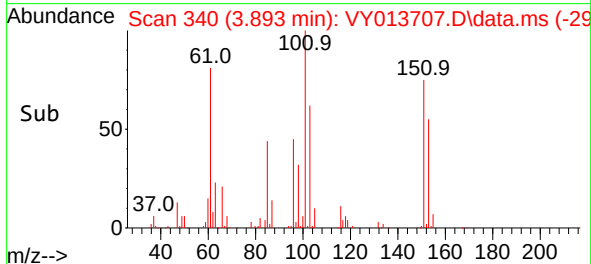
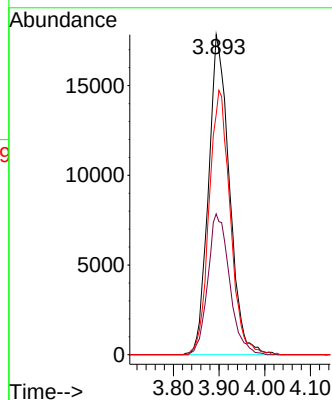
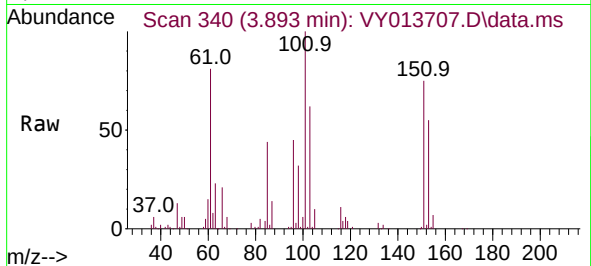




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.475 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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Acq: 11 May 2023 11:05

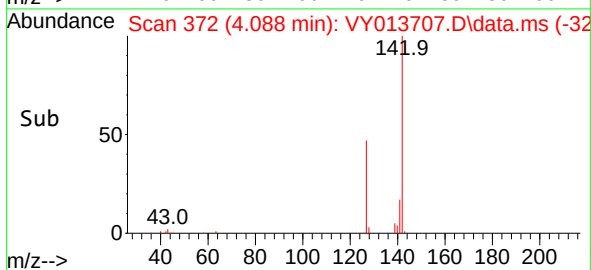
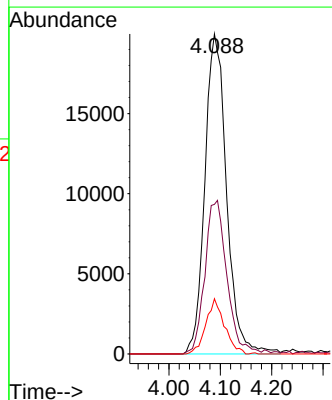
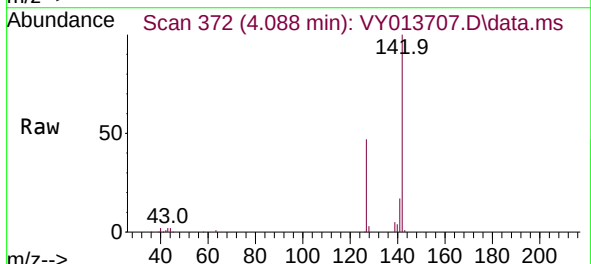
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

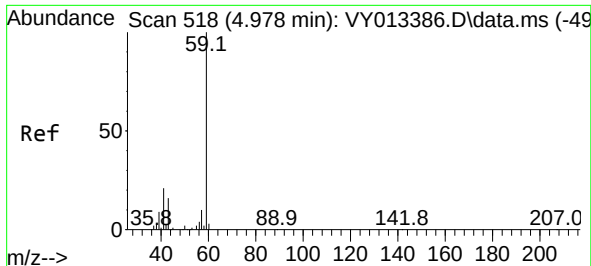
Tgt Ion:101 Resp: 56519
Ion Ratio Lower Upper
101 100
85 45.8 35.6 53.4
151 83.7 68.0 102.0



#10
Methyl Iodide
Concen: 19.389 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion:142 Resp: 58632
Ion Ratio Lower Upper
142 100
127 48.5 36.1 54.1
141 14.8 11.6 17.4

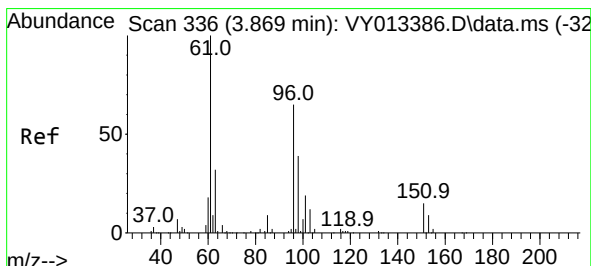
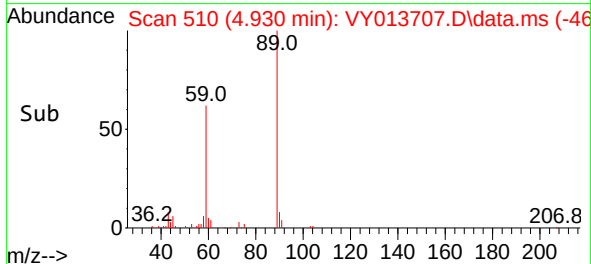
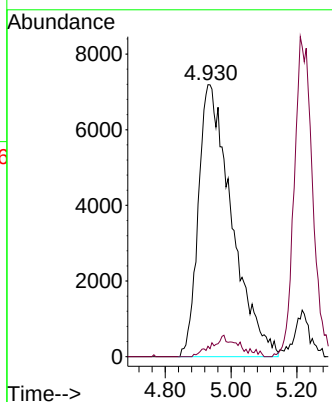
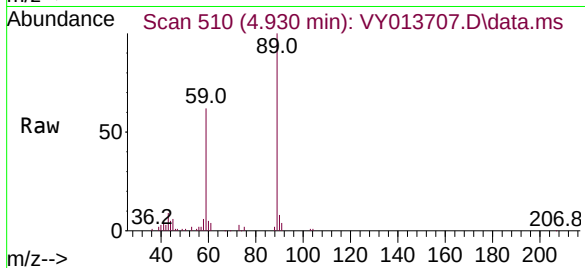




#11
Tert butyl alcohol
Concen: 183.356 ug/l
RT: 4.930 min Scan# 518
Delta R.T. -0.048 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

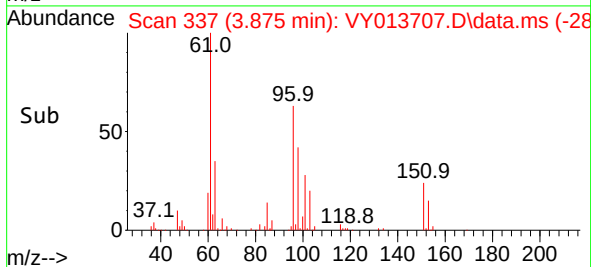
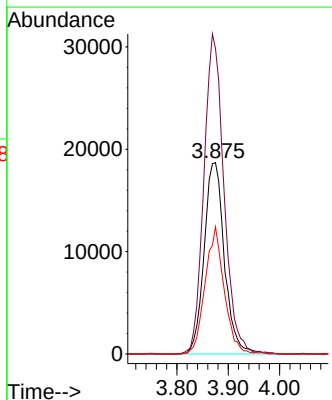
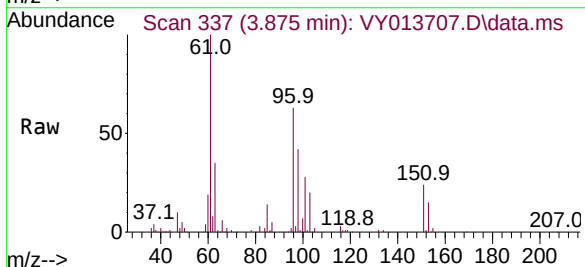
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

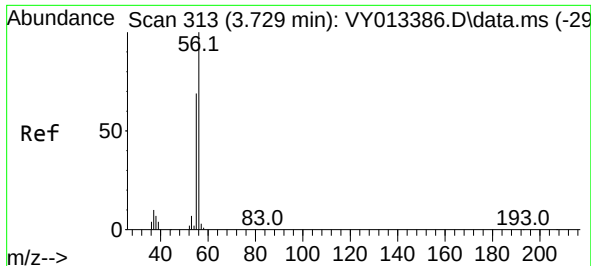
Tgt Ion: 59 Resp: 50507
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.092 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 96 Resp: 51271
Ion Ratio Lower Upper
96 100
61 159.7 123.9 185.9
98 66.4 48.9 73.3

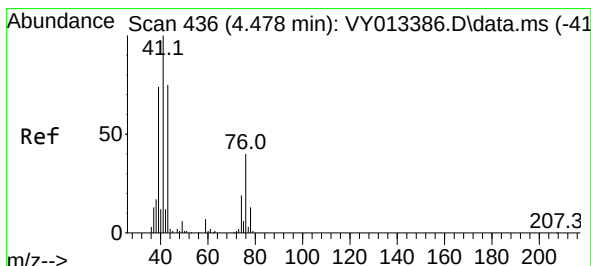
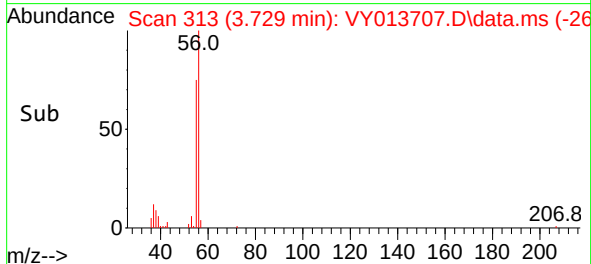
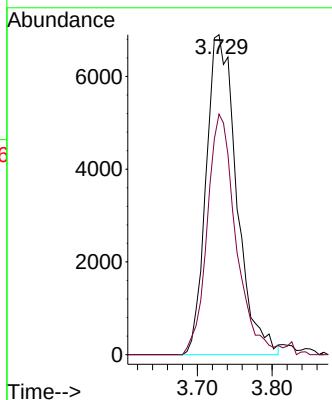
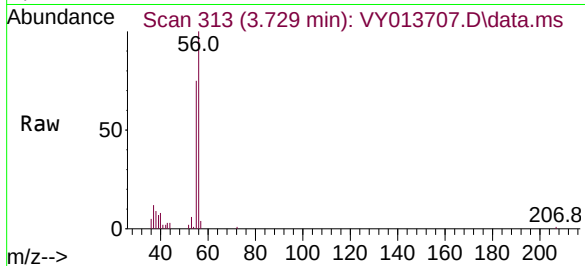




#13
Acrolein
Concen: 85.852 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

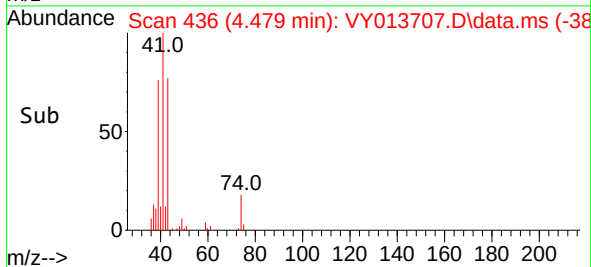
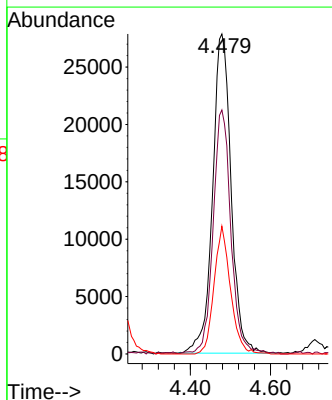
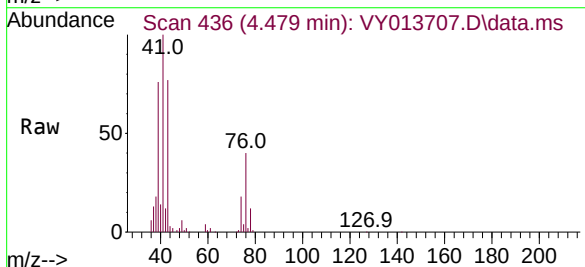
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

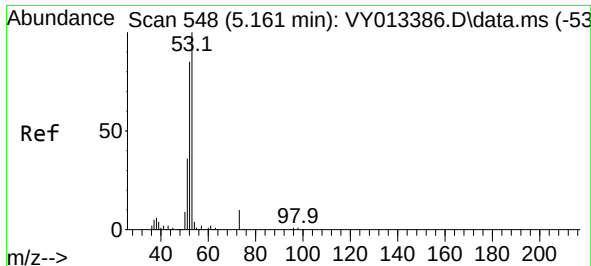
Tgt Ion: 56 Resp: 19606
Ion Ratio Lower Upper
56 100
55 71.0 54.1 81.1



#14
Allyl chloride
Concen: 20.739 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 41 Resp: 89306
Ion Ratio Lower Upper
41 100
39 72.5 56.6 85.0
76 35.5 30.5 45.7

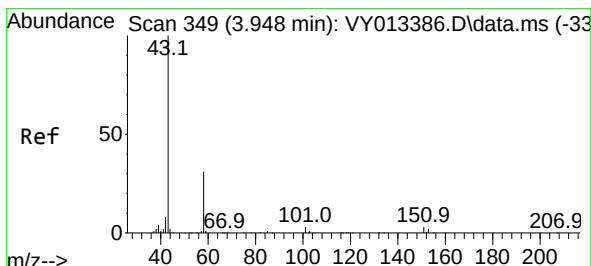
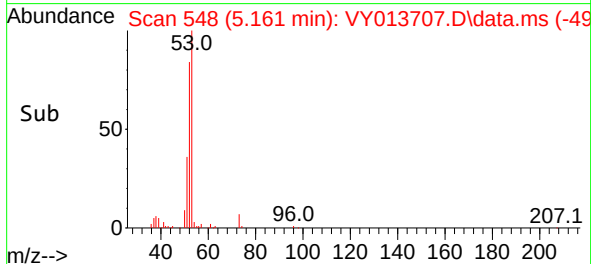
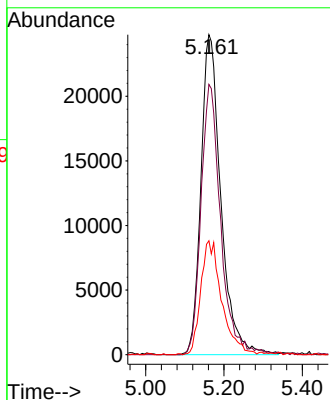
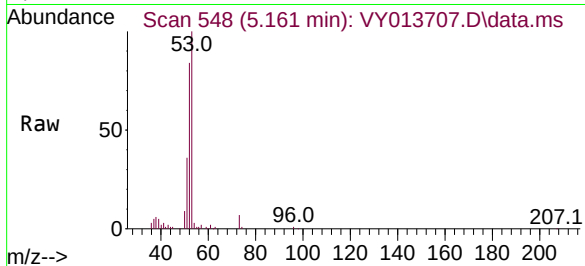




#15
Acrylonitrile
Concen: 106.873 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

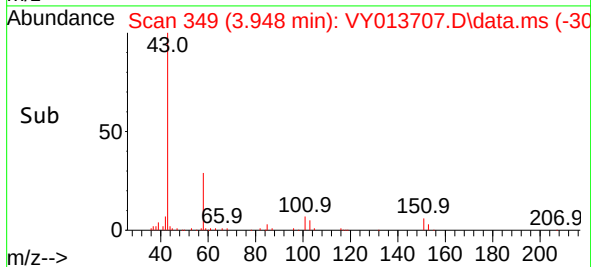
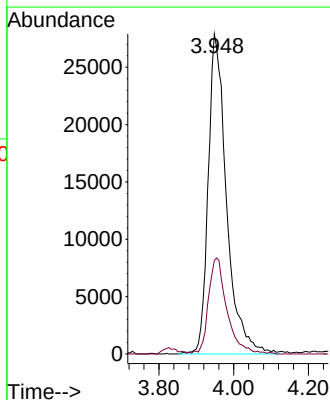
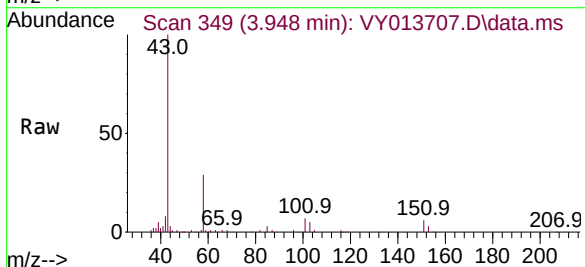
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

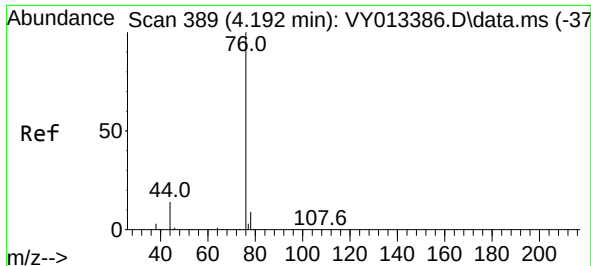
Tgt Ion: 53	Resp:	87485
Ion	Ratio	Lower Upper
53	100	
52	83.3	65.4 98.0
51	37.5	29.3 43.9



#16
Acetone
Concen: 98.794 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 43	Resp:	95239
Ion	Ratio	Lower Upper
43	100	
58	29.3	25.4 38.0

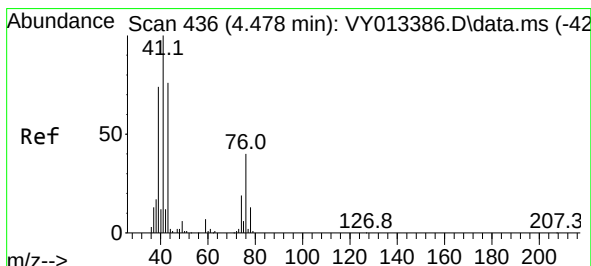
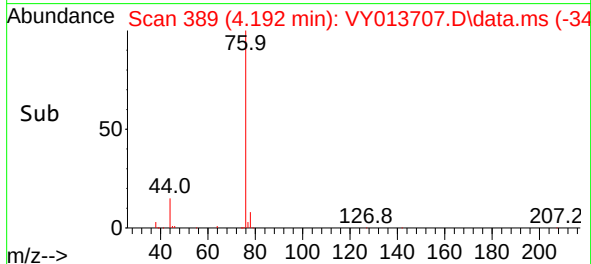
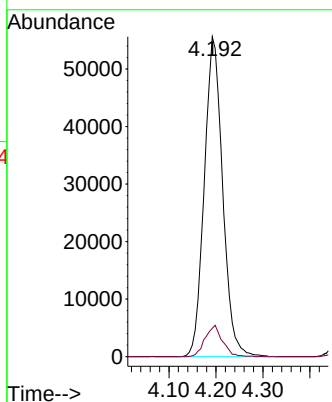
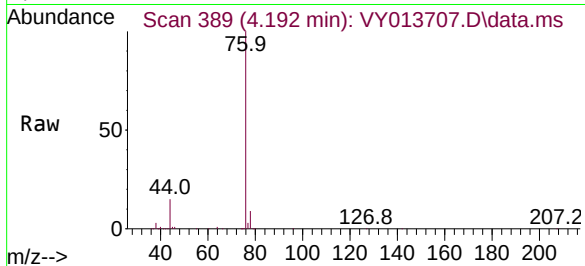




#17
Carbon Disulfide
Concen: 20.012 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

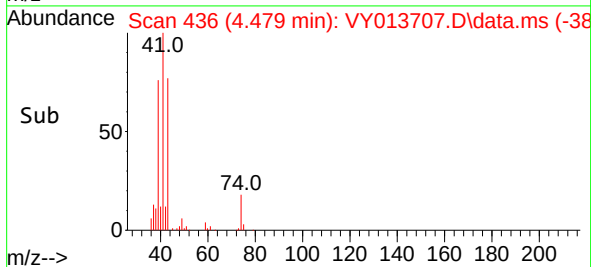
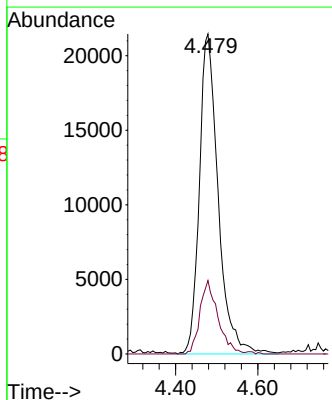
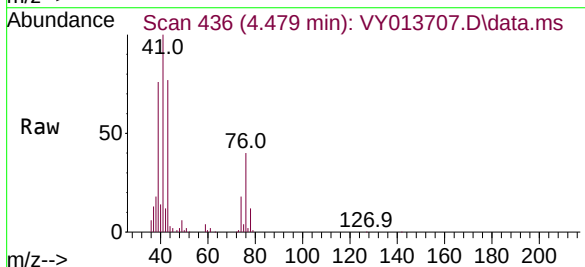
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

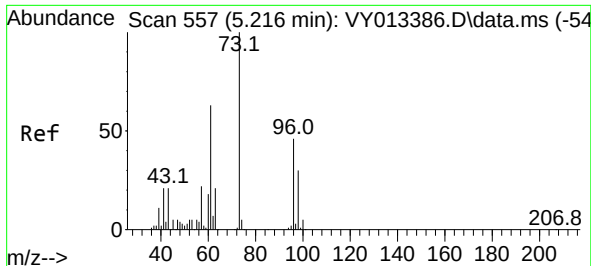
Tgt Ion: 76 Resp: 150865
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 21.400 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 43 Resp: 68136
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2

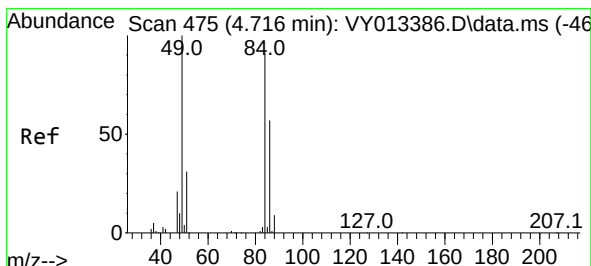
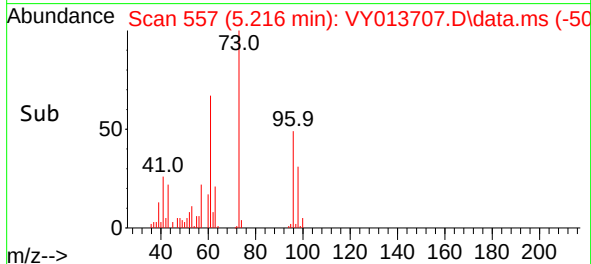
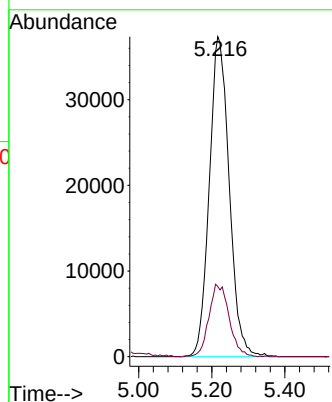
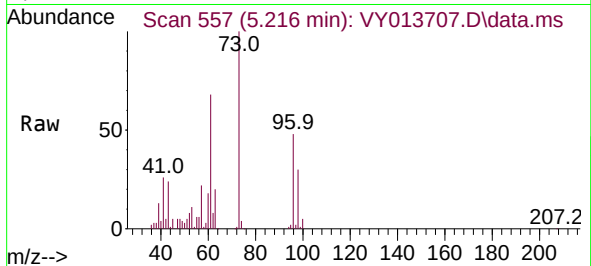




#19
Methyl tert-butyl Ether
Concen: 21.044 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

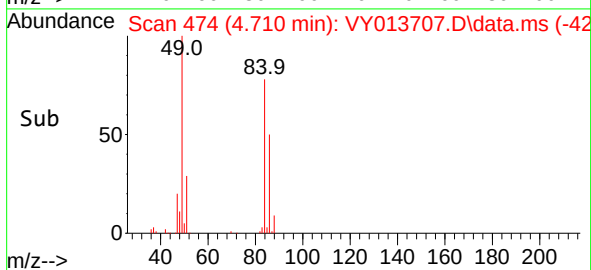
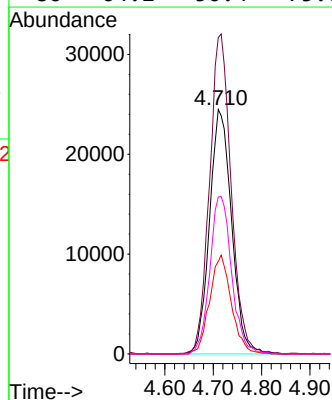
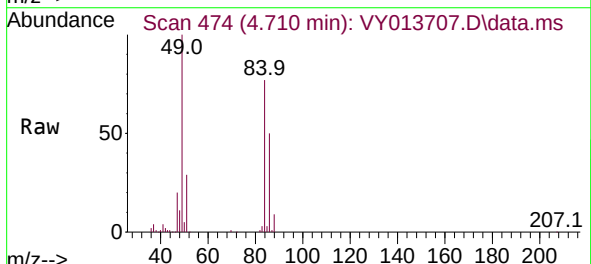
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

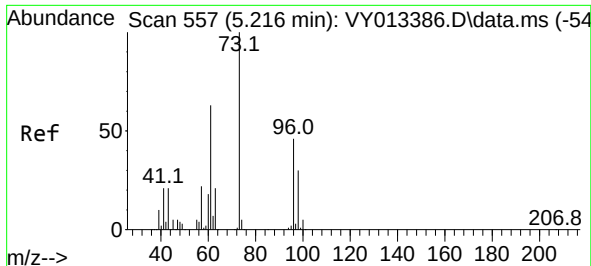
Tgt Ion: 73 Resp: 140999
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 20.977 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 84 Resp: 77533
Ion Ratio Lower Upper
84 100
49 129.1 88.0 132.0
51 37.8 27.4 41.0
86 64.2 50.4 75.6

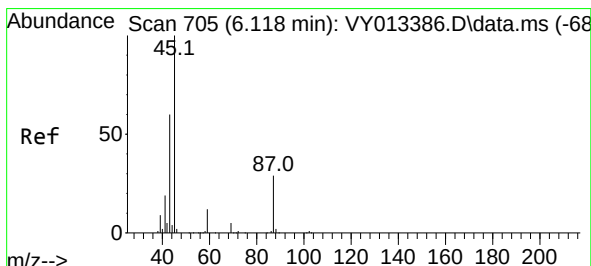
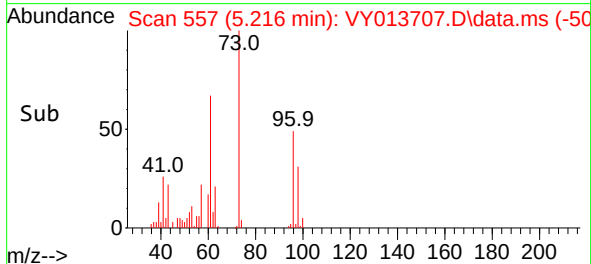
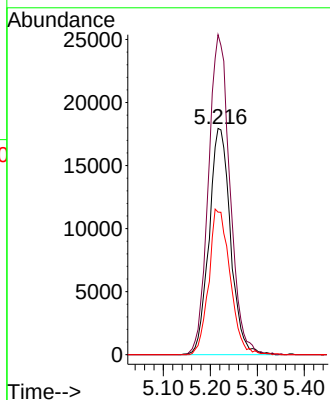
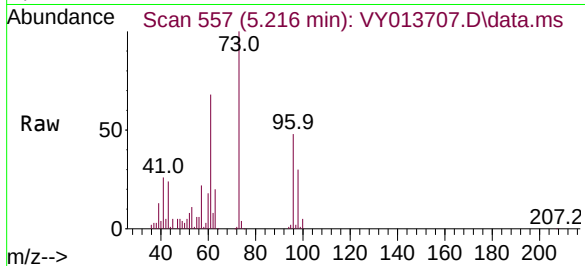




#21
trans-1,2-Dichloroethene
Concen: 22.394 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

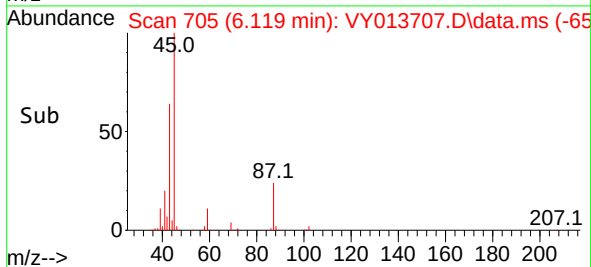
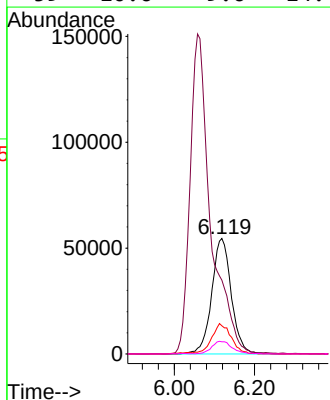
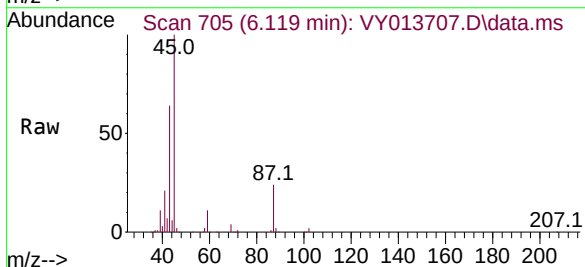
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

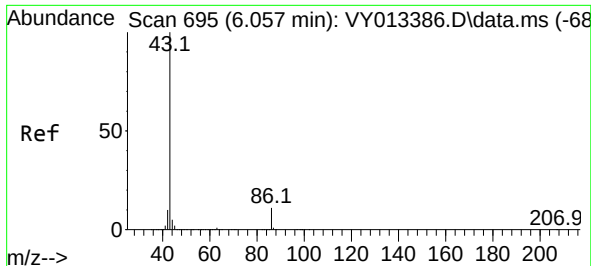
Tgt Ion: 96 Resp: 56824
Ion Ratio Lower Upper
96 100
61 141.5 110.6 165.8
98 63.0 53.1 79.7



#22
Diisopropyl ether
Concen: 21.972 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 45 Resp: 184936
Ion Ratio Lower Upper
45 100
43 63.4 48.4 72.6
87 24.4 23.8 35.6
59 10.6 9.6 14.4

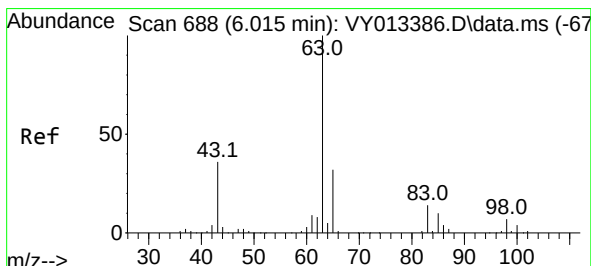
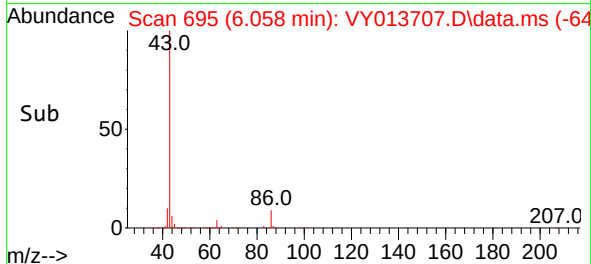
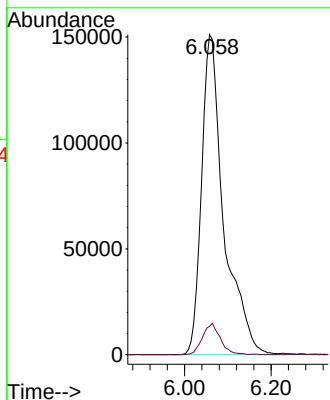
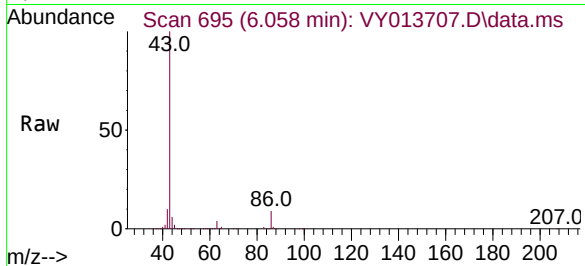




#23
 Vinyl Acetate
 Concen: 112.953 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013707.D
 Acq: 11 May 2023 11:05

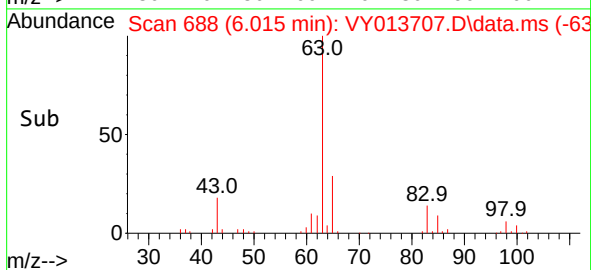
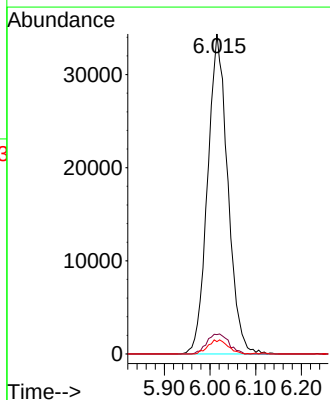
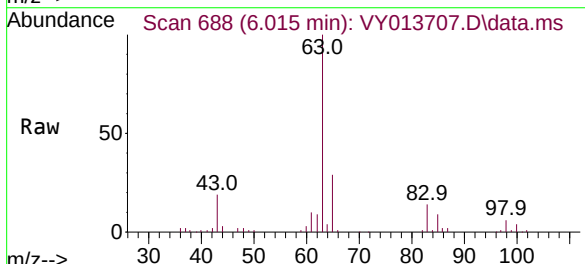
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

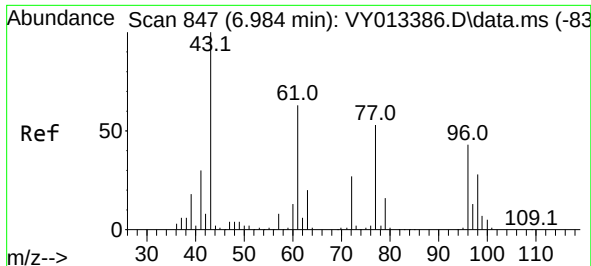
Tgt Ion: 43 Resp: 538287
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 22.432 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013707.D
 Acq: 11 May 2023 11:05

Tgt Ion: 63 Resp: 105229
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 3.9 2.2 6.6

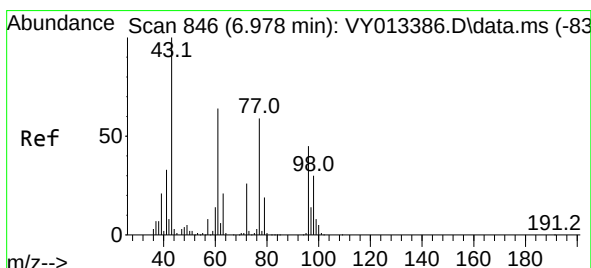
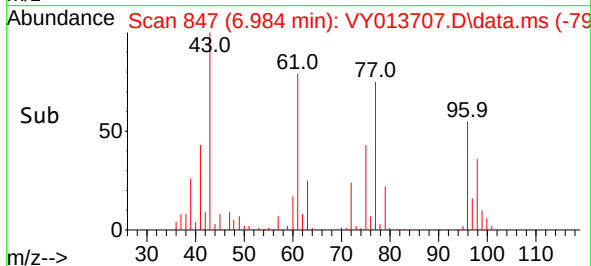
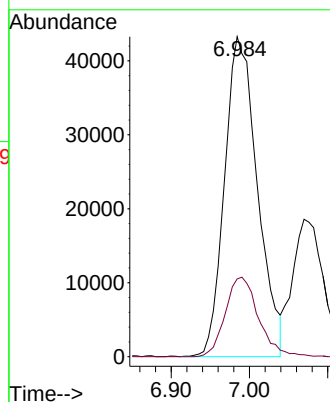
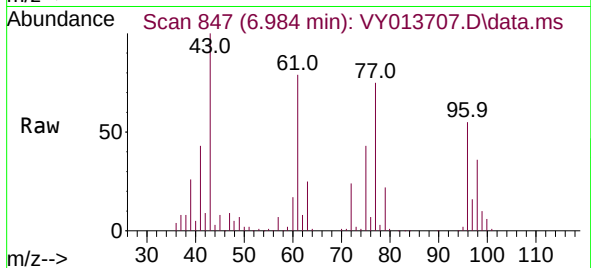




#25
2-Butanone
Concen: 103.314 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

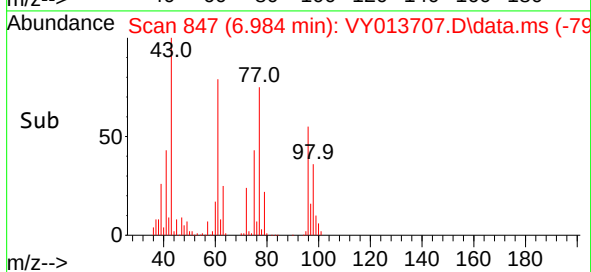
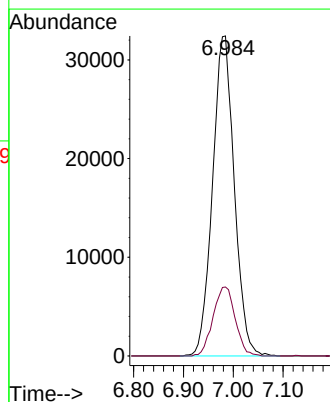
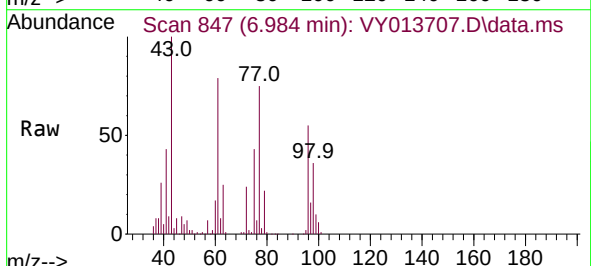
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

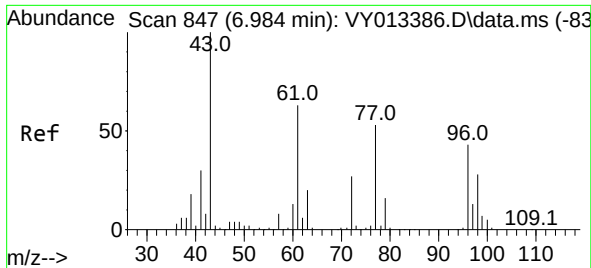
Tgt Ion: 43 Resp: 126310
Ion Ratio Lower Upper
43 100
72 24.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 24.281 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 77 Resp: 98149
Ion Ratio Lower Upper
77 100
97 22.0 11.8 35.4



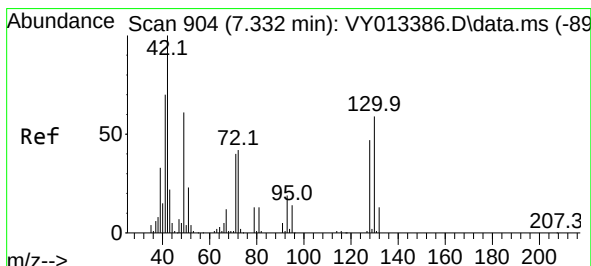
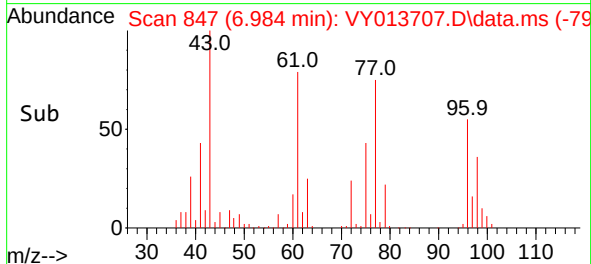
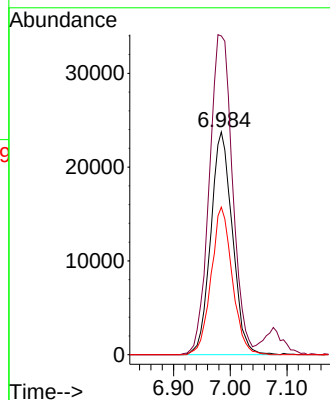
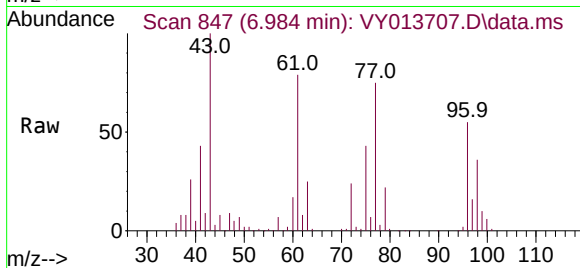


#27
 cis-1,2-Dichloroethene
 Concen: 22.476 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013707.D
 Acq: 11 May 2023 11:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

Tgt Ion: 96 Resp: 63014

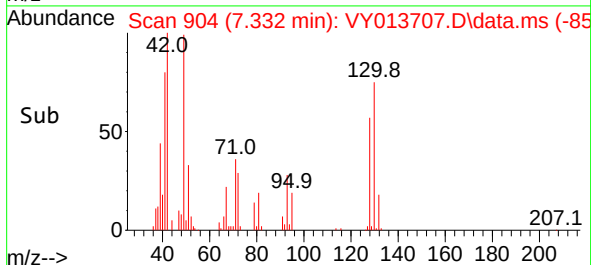
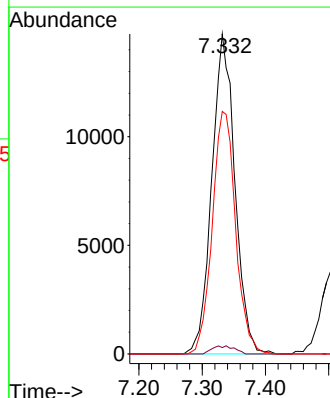
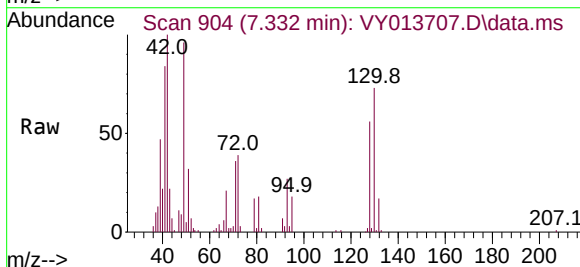
Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	285.0
98	64.4	0.0	130.6

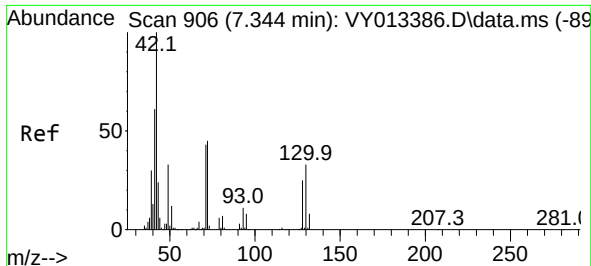


#28
 Bromochloromethane
 Concen: 22.363 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013707.D
 Acq: 11 May 2023 11:05

Tgt Ion: 49 Resp: 37226

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	76.6	72.1	108.1





#29

Tetrahydrofuran

Concen: 97.986 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

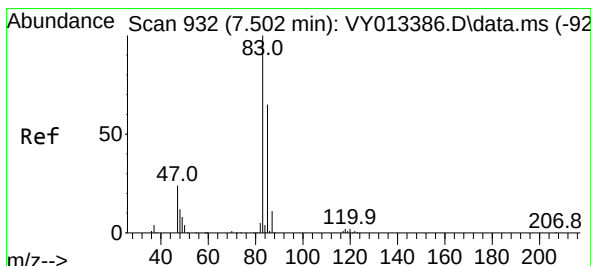
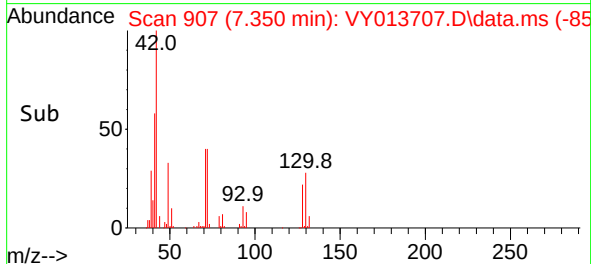
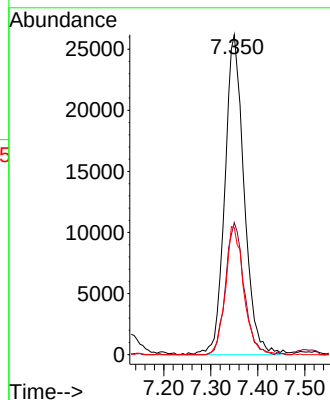
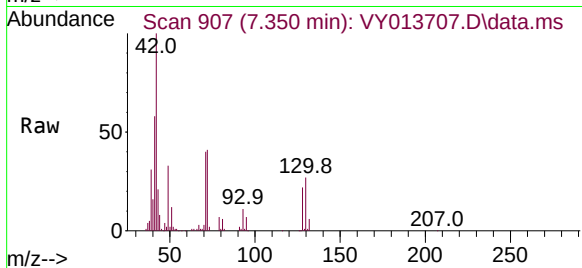
Tgt Ion: 42 Resp: 74571

Ion Ratio Lower Upper

42 100

72 39.6 35.9 53.9

71 38.4 34.3 51.5



#30

Chloroform

Concen: 24.339 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013707.D

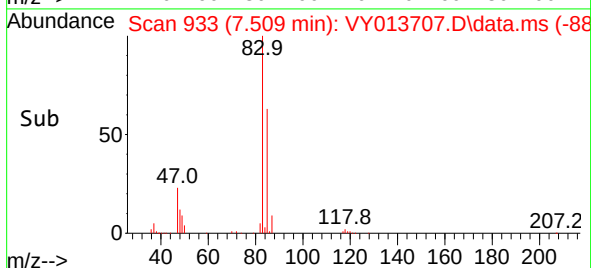
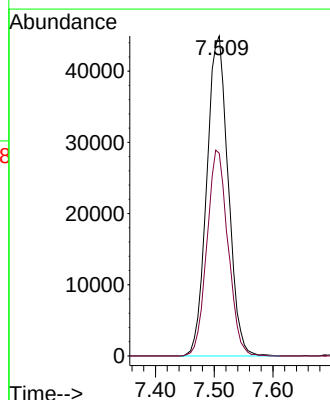
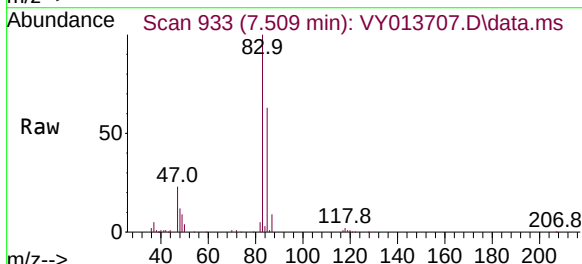
Acq: 11 May 2023 11:05

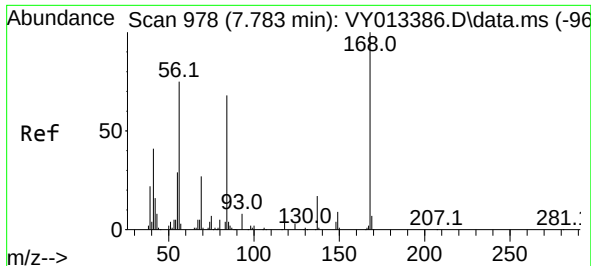
Tgt Ion: 83 Resp: 113518

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0

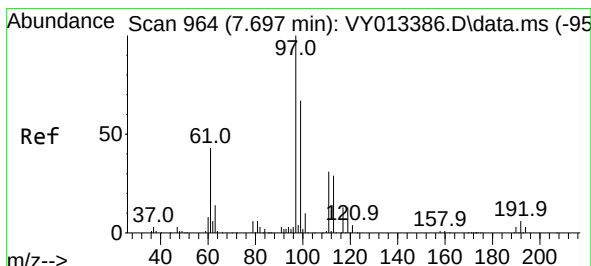
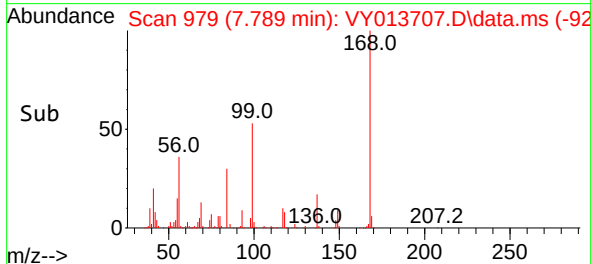
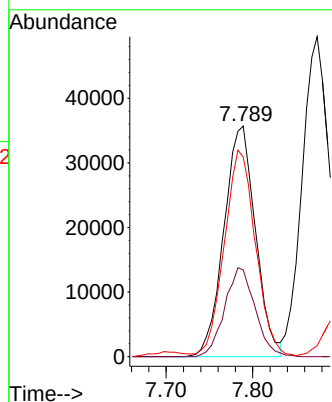
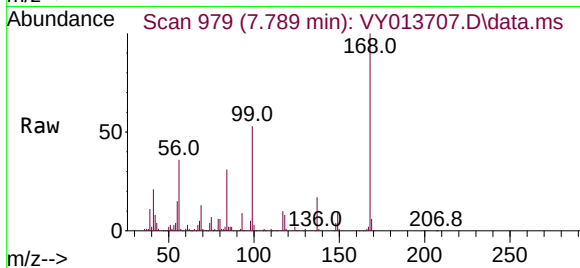




#31
Cyclohexane
Concen: 20.637 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

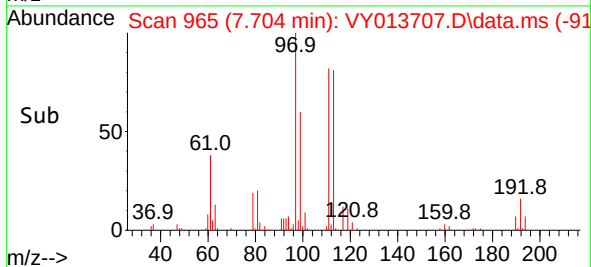
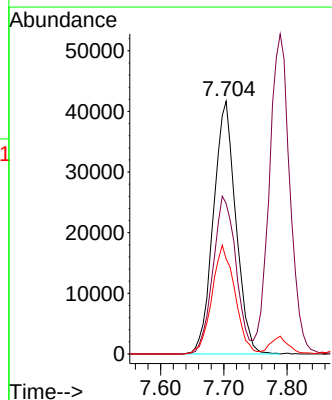
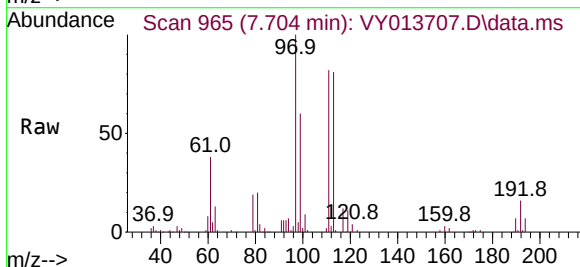
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

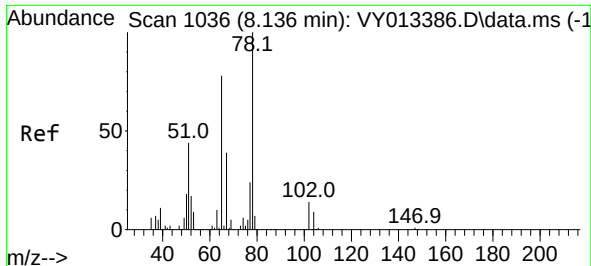
Tgt Ion: 56 Resp: 90450
Ion Ratio Lower Upper
56 100
69 37.2 29.2 43.8
84 85.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 24.608 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 97 Resp: 102415
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 44.1 33.8 50.8

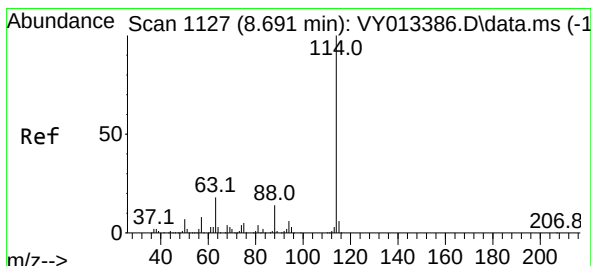
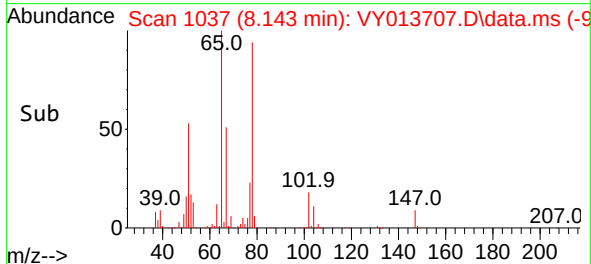
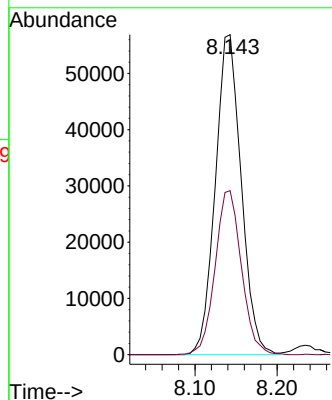
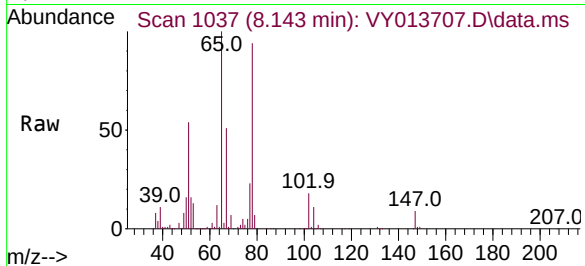




#33
1,2-Dichloroethane-d4
Concen: 50.814 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

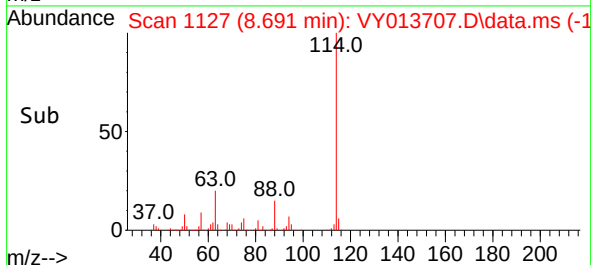
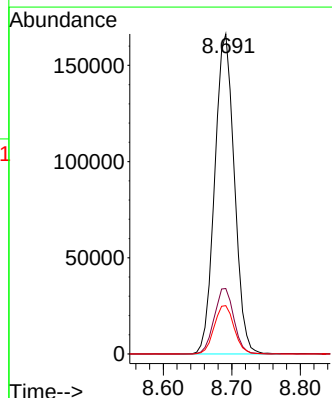
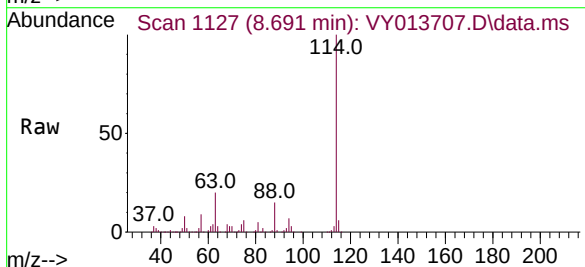
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

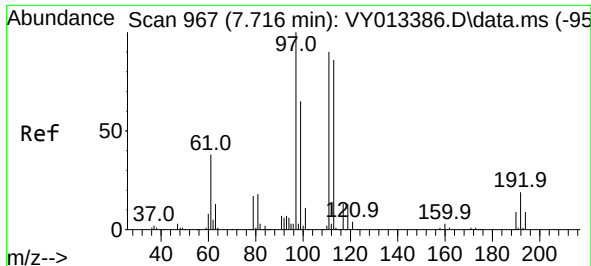
Tgt Ion: 65 Resp: 124388
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 114 Resp: 329755
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.6
88 15.1 0.0 28.8

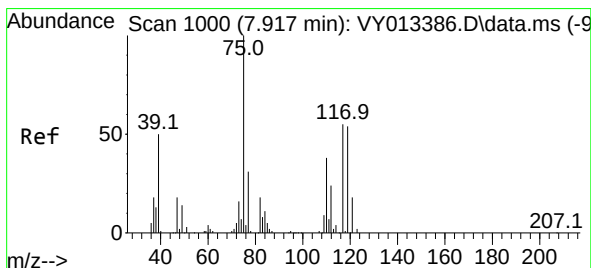
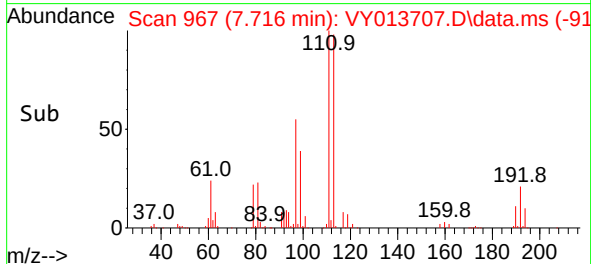
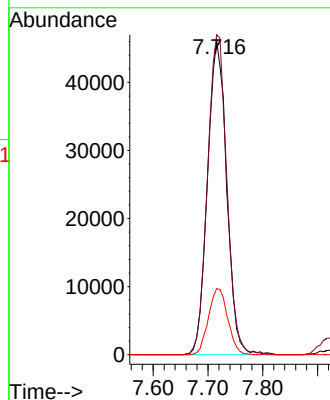
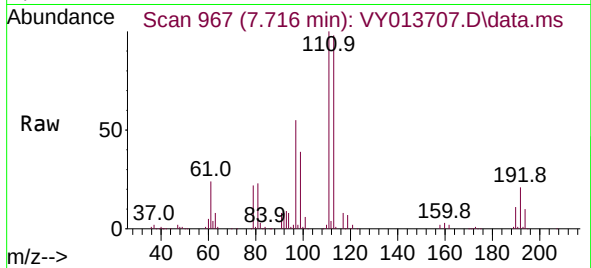




#35
Dibromofluoromethane
Concen: 54.031 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

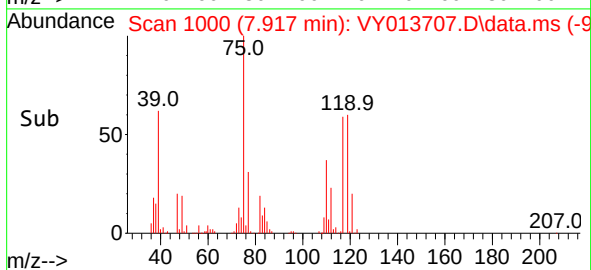
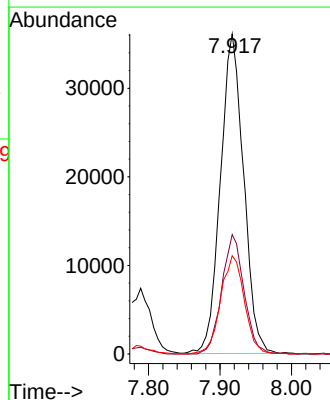
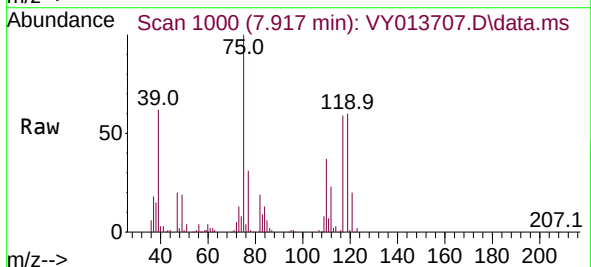
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

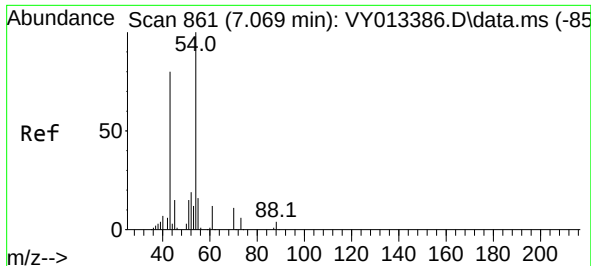
Tgt Ion:113 Resp: 112061
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 23.617 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 75 Resp: 81292
Ion Ratio Lower Upper
75 100
110 36.0 18.7 56.1
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 20.358 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

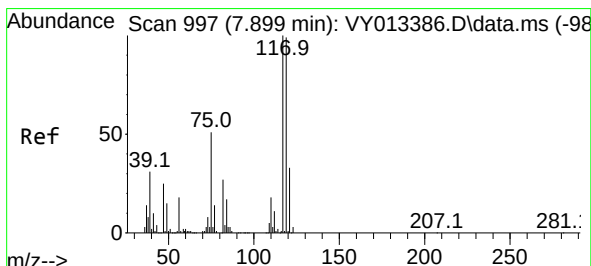
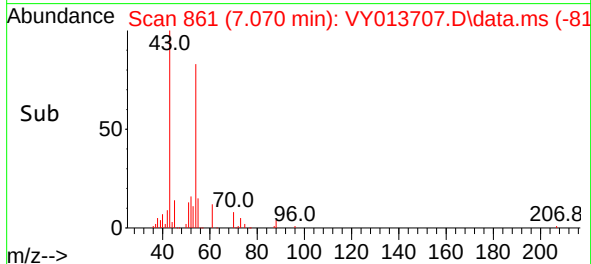
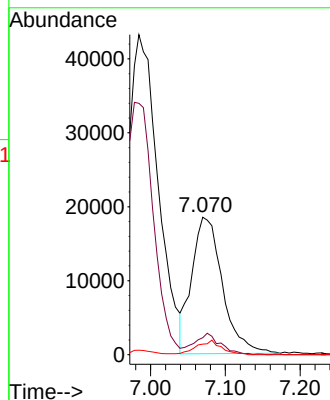
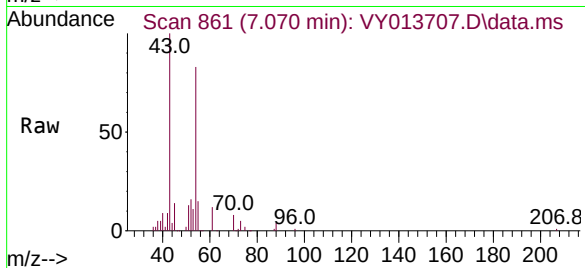
Tgt Ion: 43 Resp: 52733

Ion Ratio Lower Upper

43 100

61 12.8 11.4 17.0

70 8.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 26.298 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

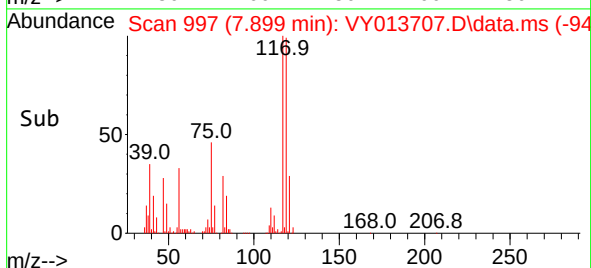
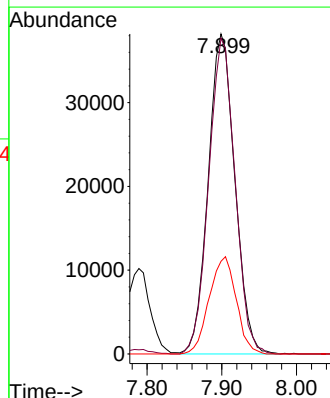
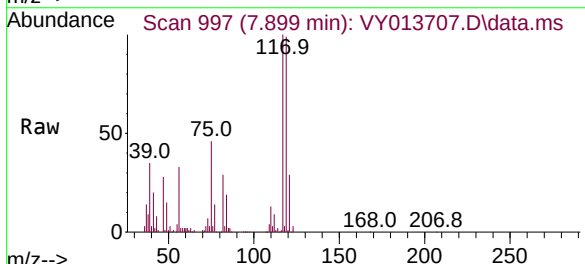
Tgt Ion: 117 Resp: 94876

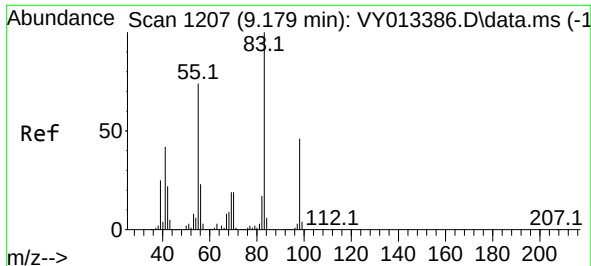
Ion Ratio Lower Upper

117 100

119 98.7 79.0 118.6

121 29.0 26.6 40.0

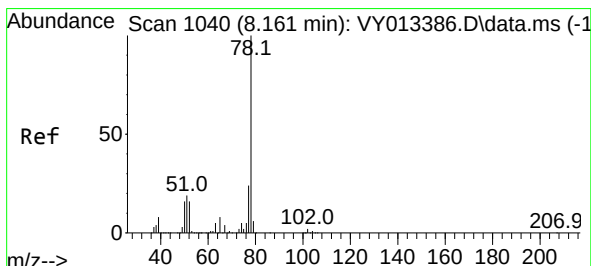
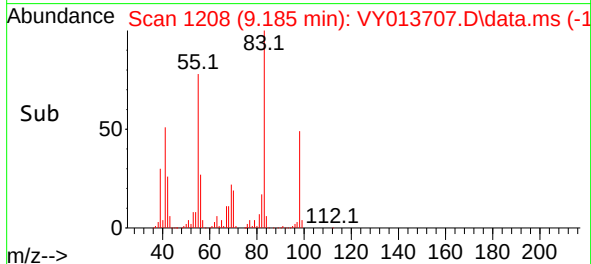
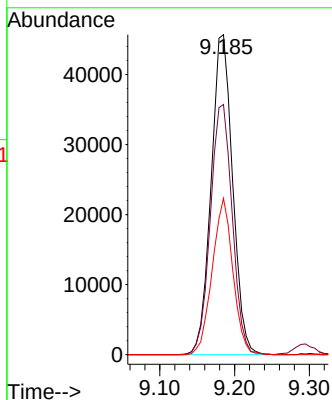
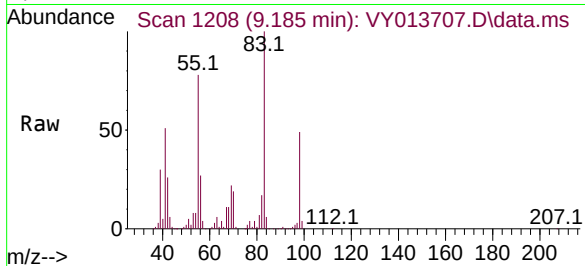




#39
Methylcyclohexane
Concen: 22.522 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

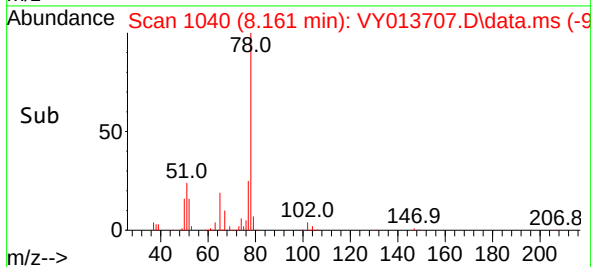
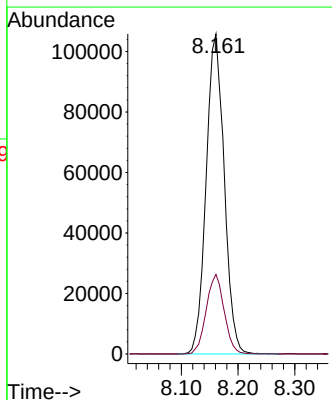
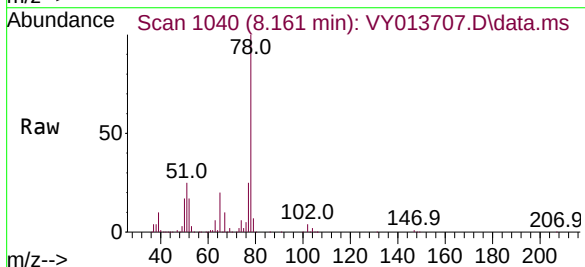
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

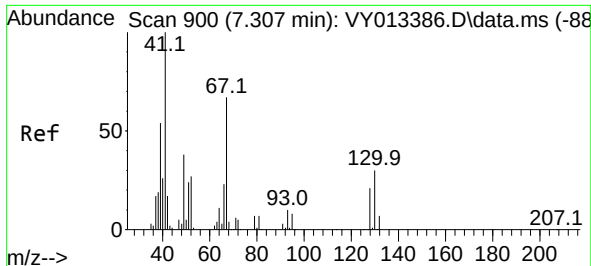
Tgt Ion: 83 Resp: 91392
Ion Ratio Lower Upper
83 100
55 78.2 59.0 88.4
98 48.8 37.0 55.4



#40
Benzene
Concen: 24.134 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 78 Resp: 234006
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8

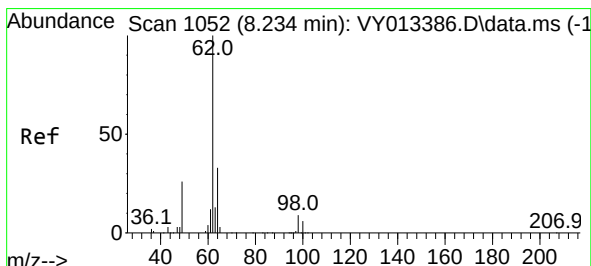
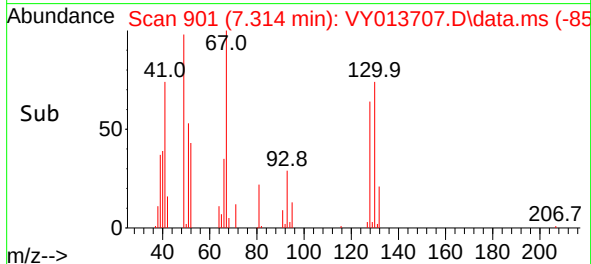
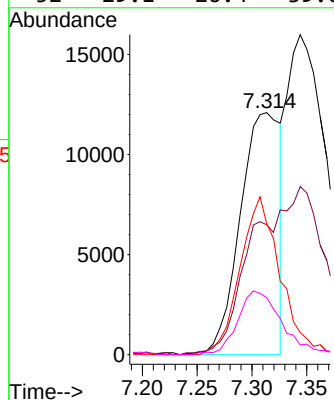
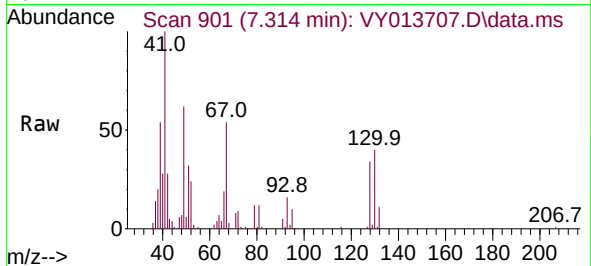




#41
Methacrylonitrile
Concen: 25.479 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

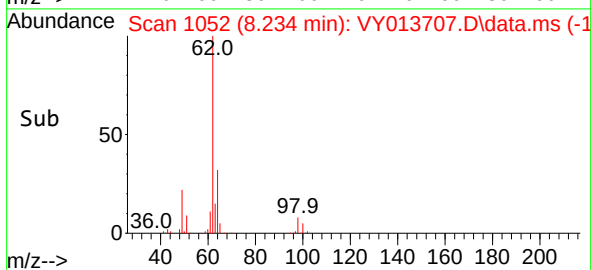
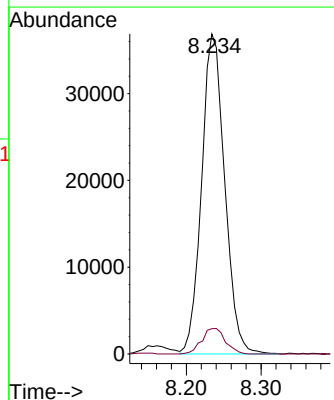
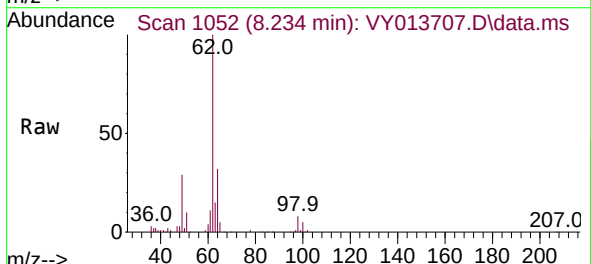
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

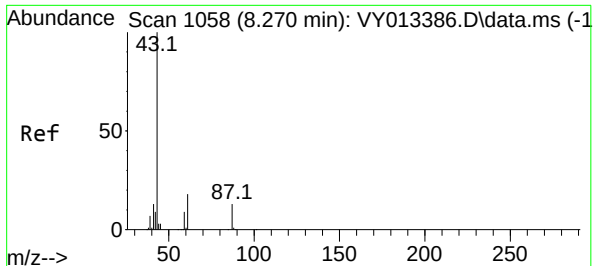
Tgt Ion:	41	Resp:	30755
Ion	Ratio	Lower	Upper
41	100		
39	47.2	44.2	66.4
67	65.2	62.9	94.3
52	29.1	26.4	39.6



#42
1,2-Dichloroethane
Concen: 24.975 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion:	62	Resp:	79170
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 21.229 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

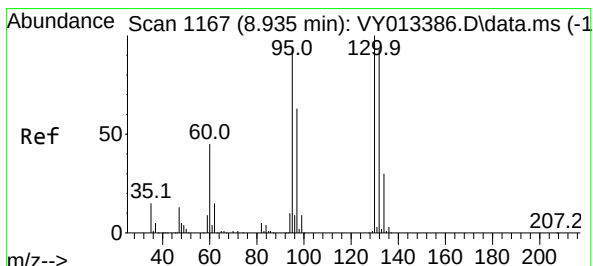
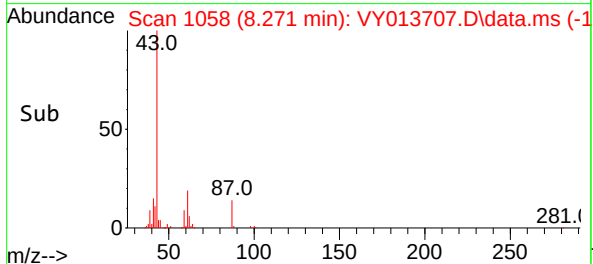
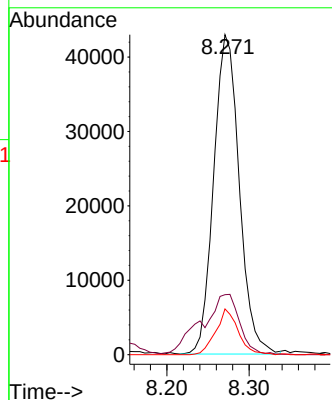
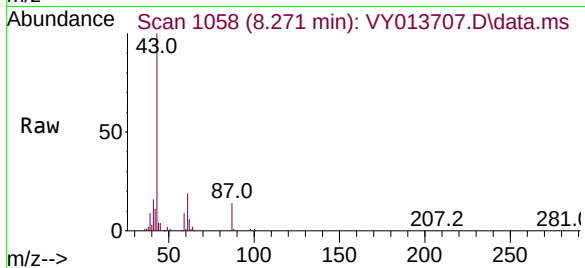
Tgt Ion: 43 Resp: 92815

Ion Ratio Lower Upper

43 100

61 28.2 22.2 33.4

87 12.5 11.0 16.6



#44

Trichloroethene

Concen: 24.191 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013707.D

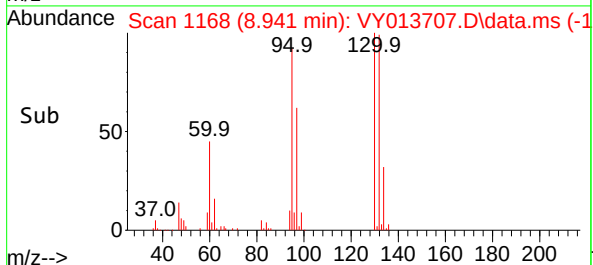
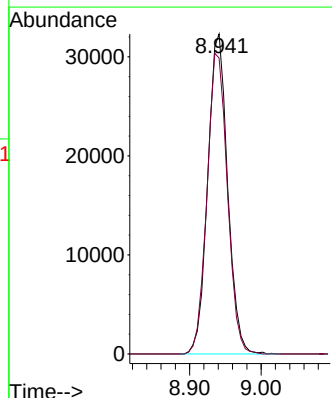
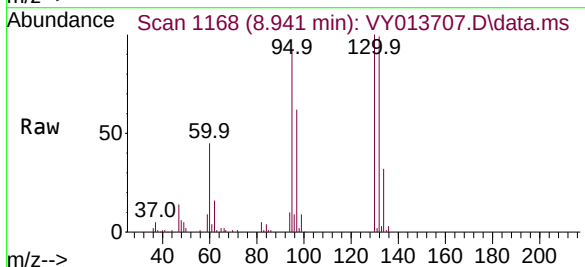
Acq: 11 May 2023 11:05

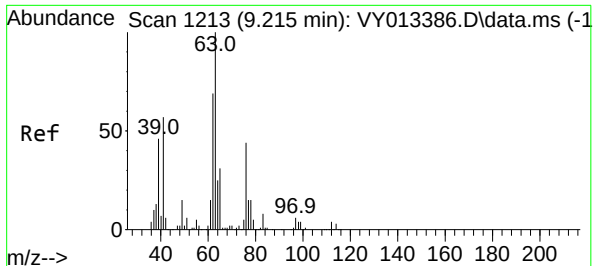
Tgt Ion: 130 Resp: 62392

Ion Ratio Lower Upper

130 100

95 92.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 23.714 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

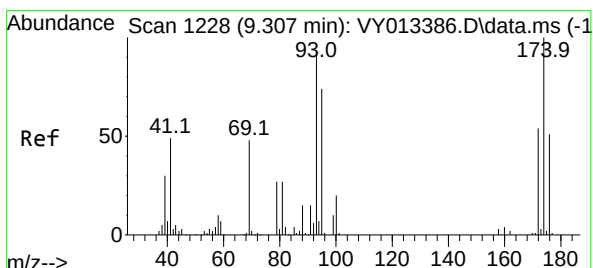
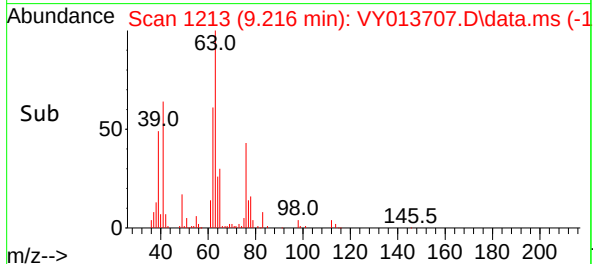
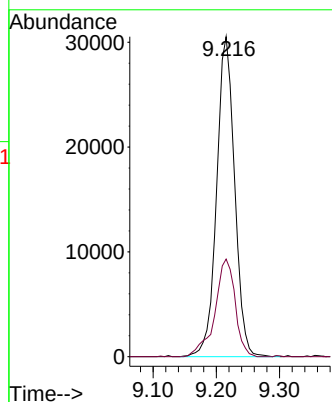
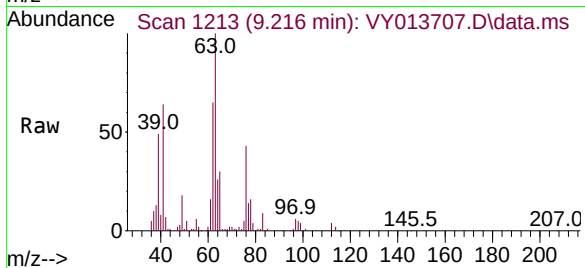
VY0511SBSD01

Tgt Ion: 63 Resp: 60120

Ion Ratio Lower Upper

63 100

65 30.5 24.6 37.0



#46

Dibromomethane

Concen: 23.480 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

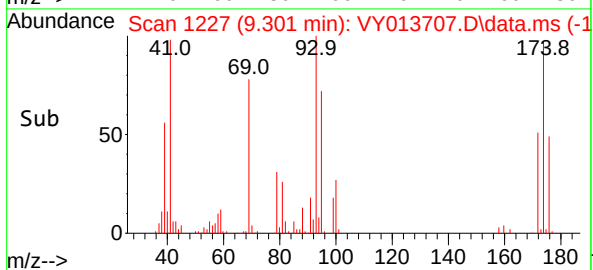
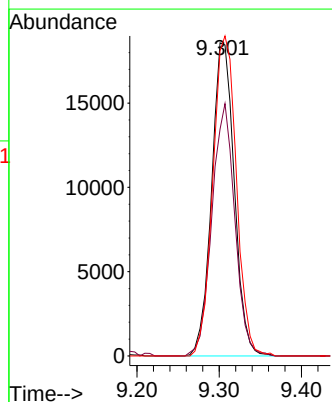
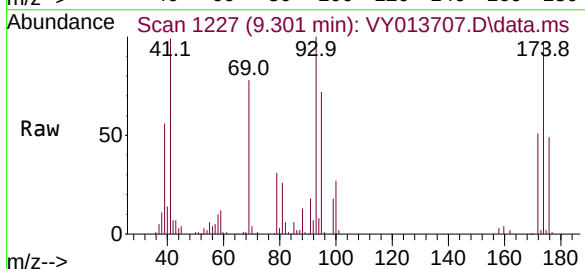
Tgt Ion: 93 Resp: 35616

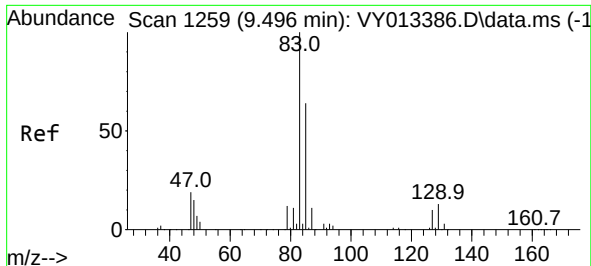
Ion Ratio Lower Upper

93 100

95 81.4 67.1 100.7

174 106.3 87.0 130.4

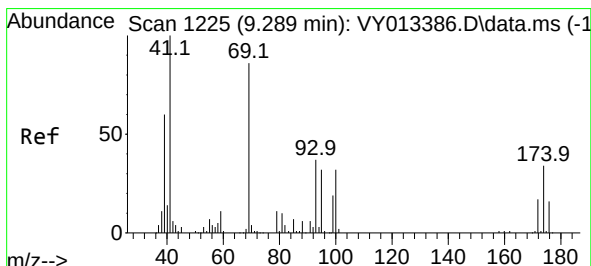
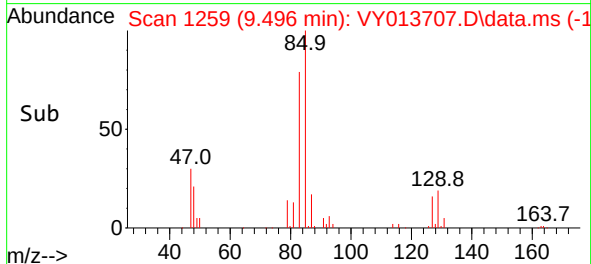
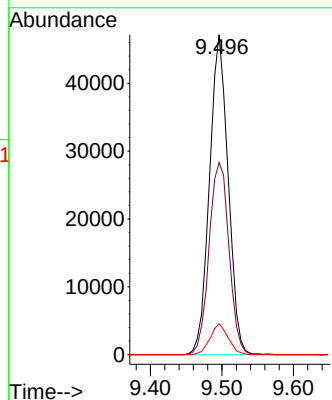
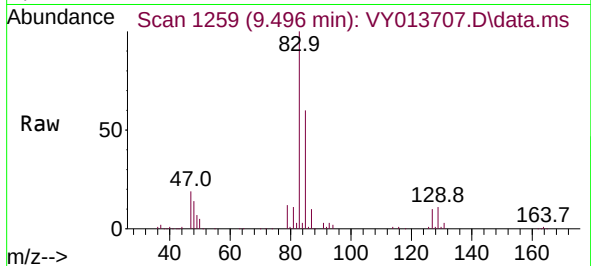




#47
Bromodichloromethane
Concen: 25.174 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

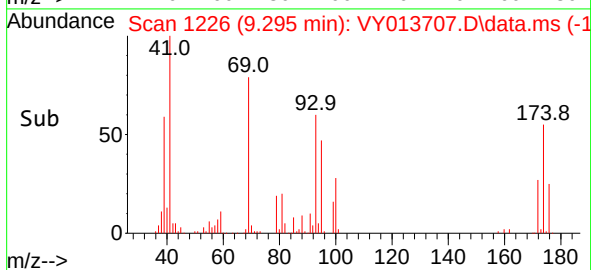
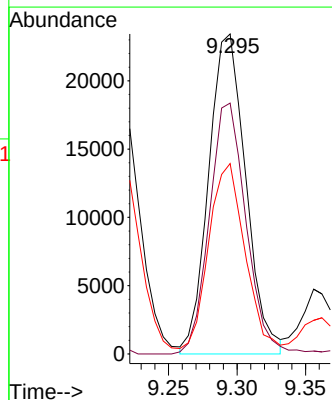
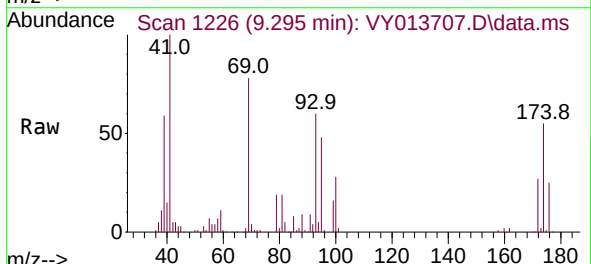
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

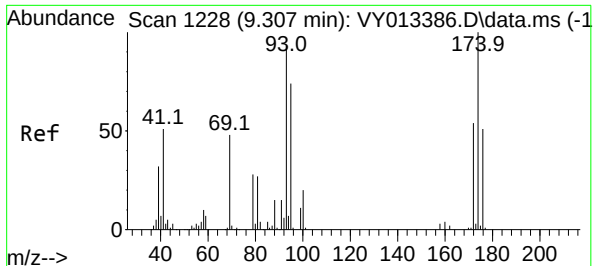
Tgt Ion: 83 Resp: 85445
Ion Ratio Lower Upper
83 100
85 60.0 51.4 77.2
127 9.7 8.1 12.1



#48
Methyl methacrylate
Concen: 22.016 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 41 Resp: 44207
Ion Ratio Lower Upper
41 100
69 77.6 70.2 105.4
39 55.8 47.9 71.9





#49

1,4-Dioxane

Concen: 400.060 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

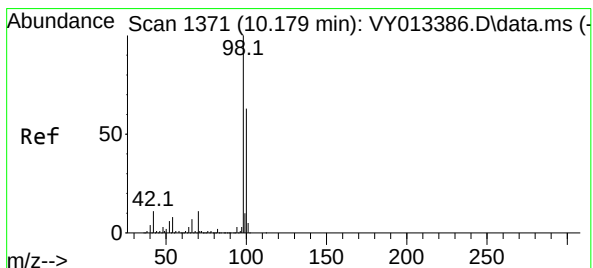
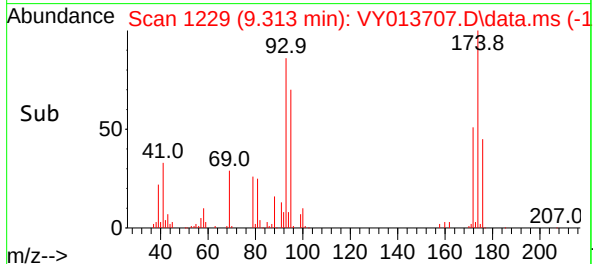
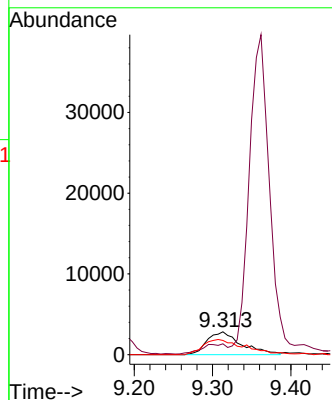
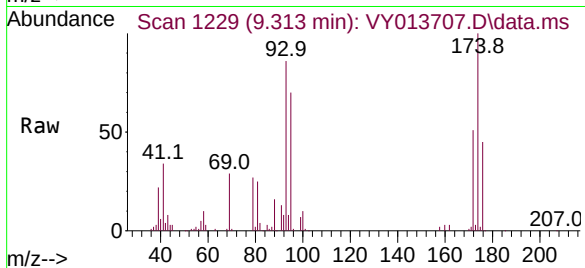
Tgt Ion: 88 Resp: 8667

Ion Ratio Lower Upper

88 100

43 32.8 16.8 25.2#

58 80.7 54.3 81.5



#50

Toluene-d8

Concen: 50.873 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013707.D

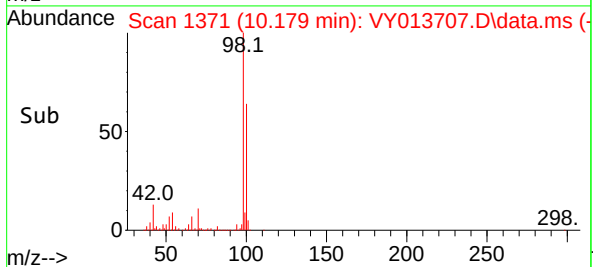
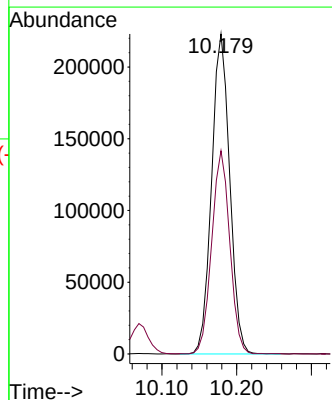
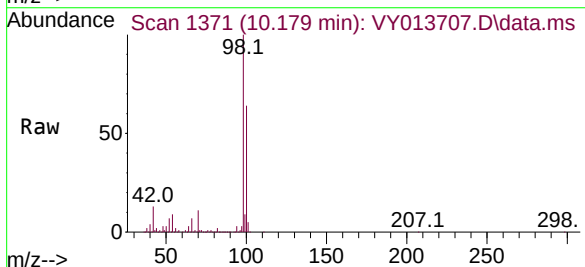
Acq: 11 May 2023 11:05

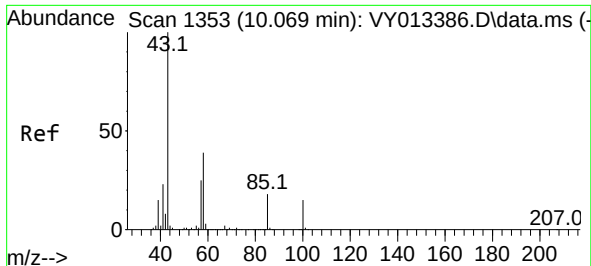
Tgt Ion: 98 Resp: 375347

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

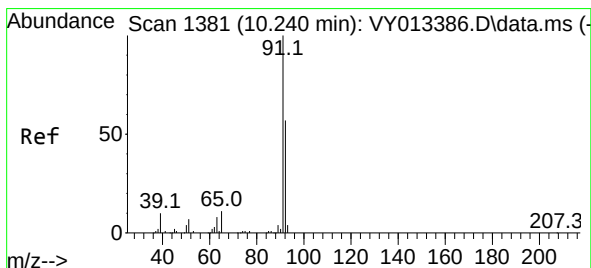
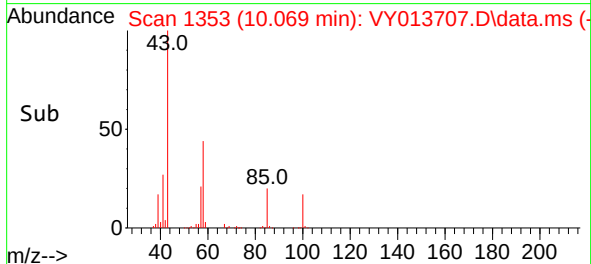
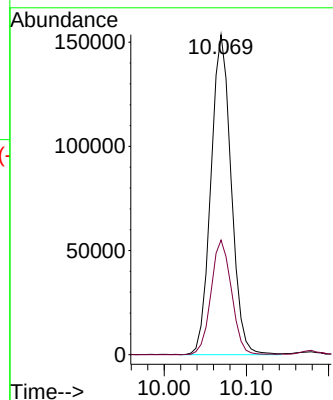
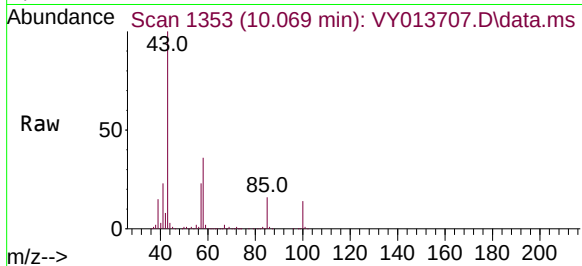




#51
4-Methyl-2-Pentanone
Concen: 107.979 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

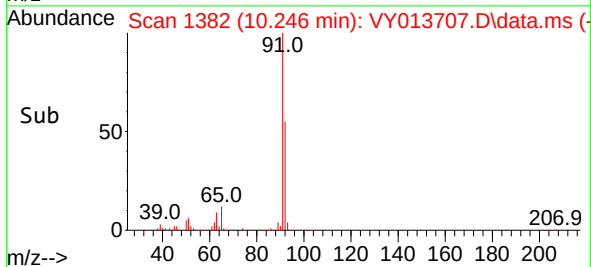
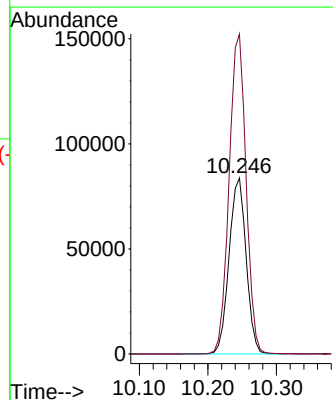
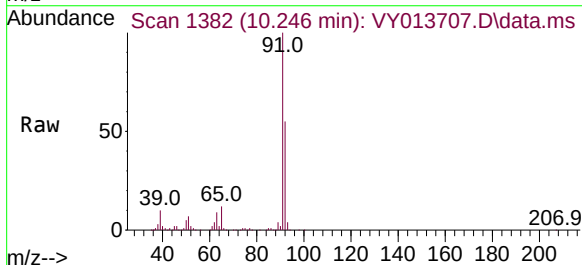
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

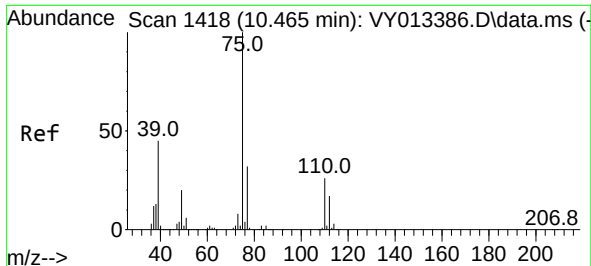
Tgt Ion: 43 Resp: 263076
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 24.787 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 92 Resp: 144627
Ion Ratio Lower Upper
92 100
91 180.3 140.2 210.4

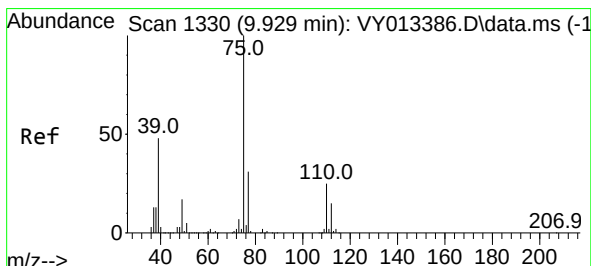
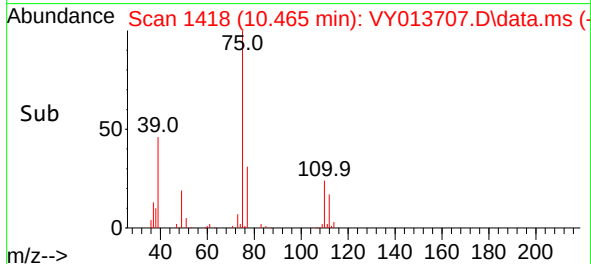
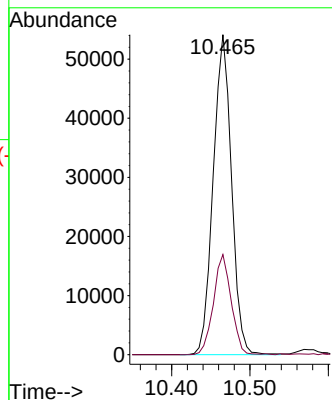
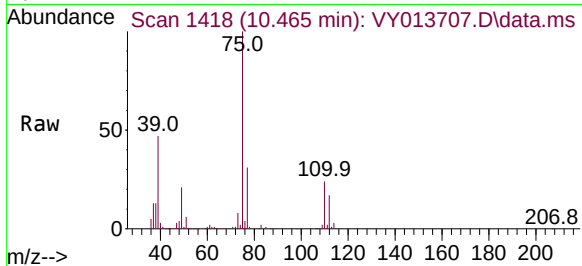




#53
 t-1,3-Dichloropropene
 Concen: 24.477 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013707.D
 Acq: 11 May 2023 11:05

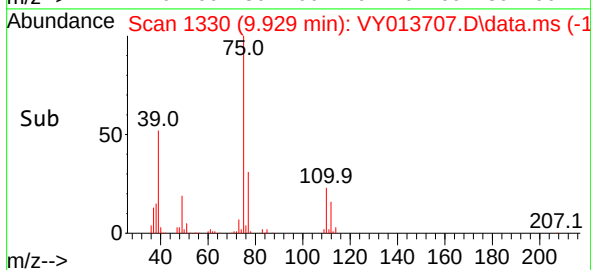
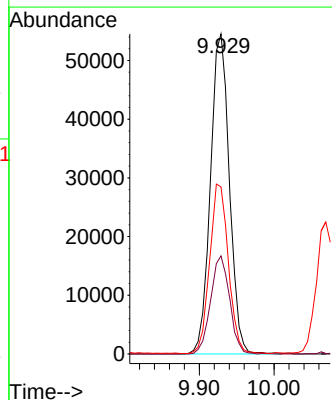
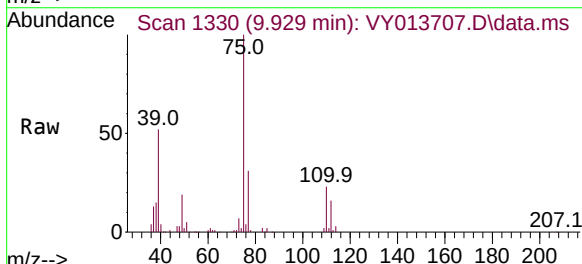
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

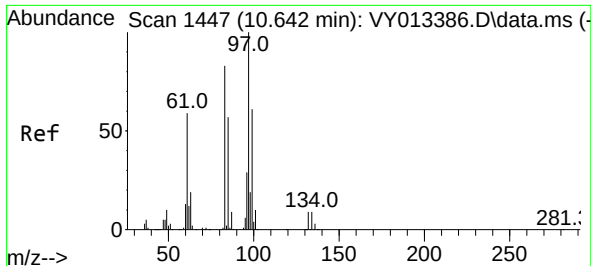
Tgt Ion: 75 Resp: 87926
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 23.717 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013707.D
 Acq: 11 May 2023 11:05

Tgt Ion: 75 Resp: 95868
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.8 37.2
 39 52.1 38.1 57.1

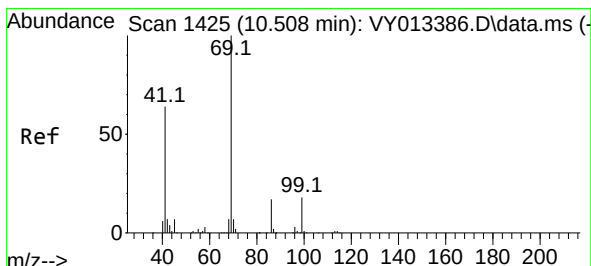
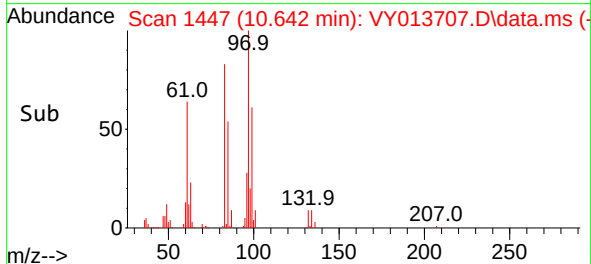
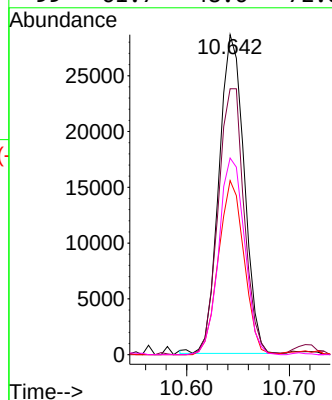
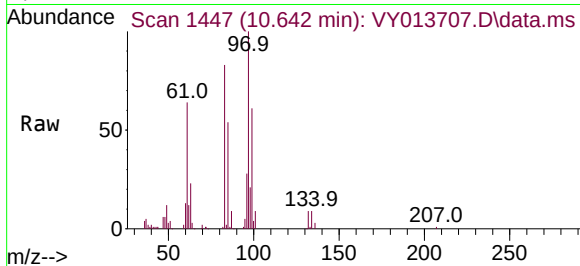




#55
1,1,2-Trichloroethane
Concen: 24.191 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

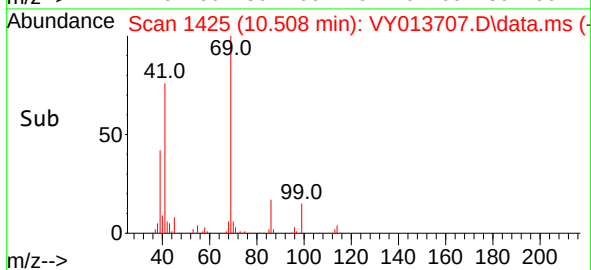
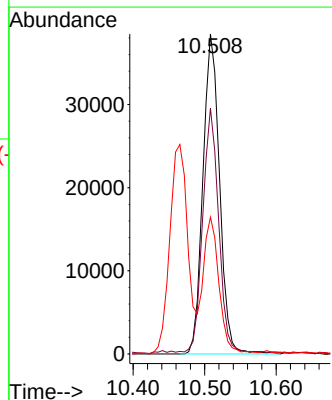
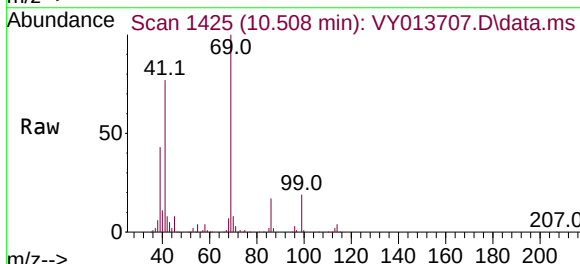
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

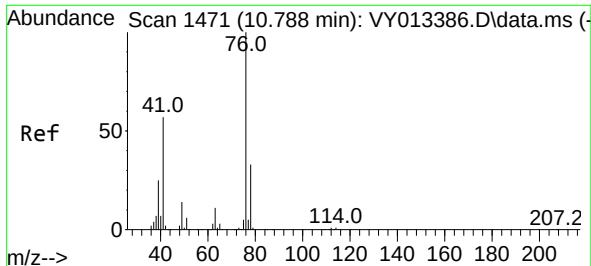
Tgt Ion: 97	Resp: 48595
Ion Ratio	Lower Upper
97 100	
83 83.4	66.4 99.6
85 54.6	45.6 68.4
99 61.7	48.6 72.8



#56
Ethyl methacrylate
Concen: 22.323 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 69	Resp: 62212
Ion Ratio	Lower Upper
69 100	
41 73.2	51.4 77.0
39 39.0	29.0 43.6





#57

1,3-Dichloropropane

Concen: 23.870 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

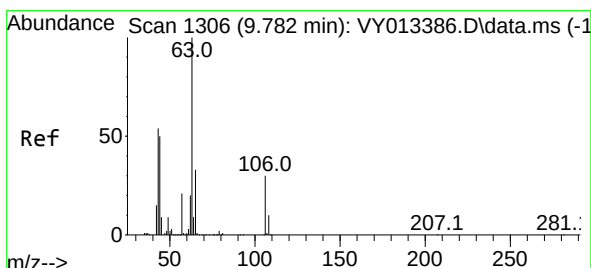
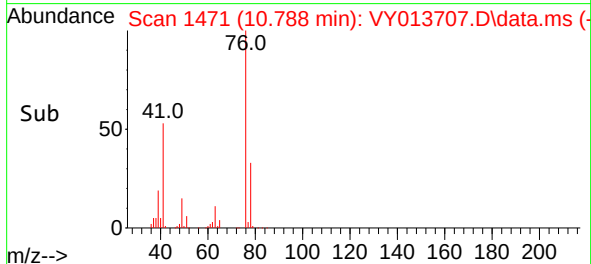
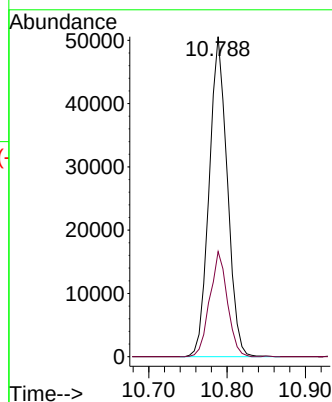
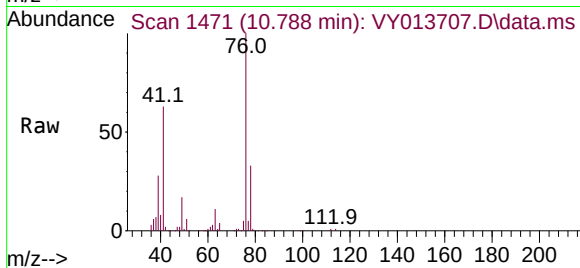
VY0511SBSD01

Tgt Ion: 76 Resp: 81209

Ion Ratio Lower Upper

76 100

78 31.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 115.408 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013707.D

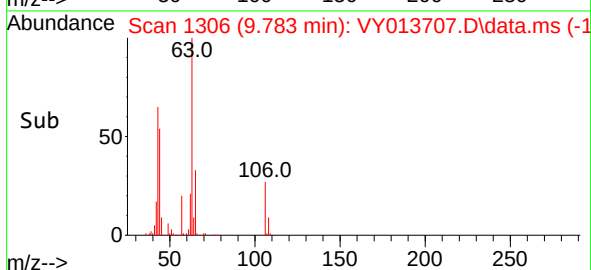
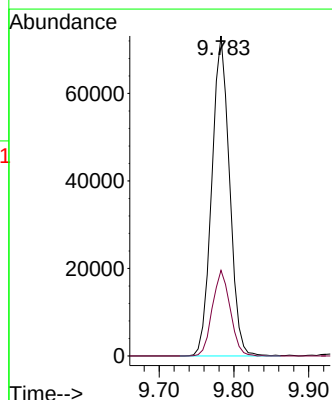
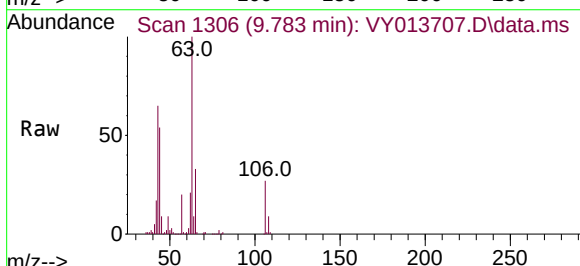
Acq: 11 May 2023 11:05

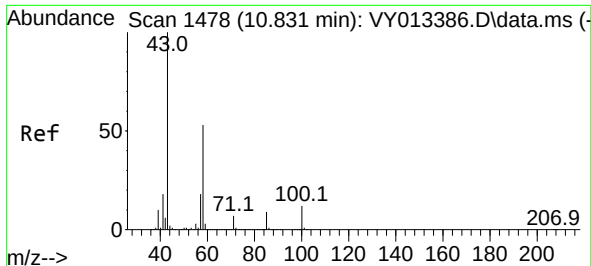
Tgt Ion: 63 Resp: 120606

Ion Ratio Lower Upper

63 100

106 26.8 23.5 35.3

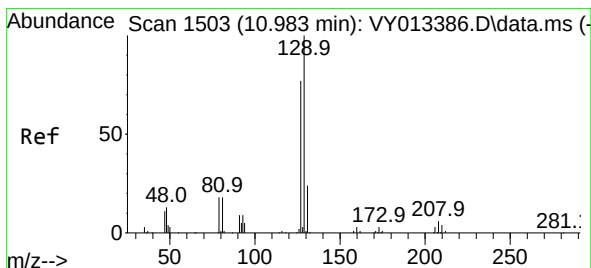
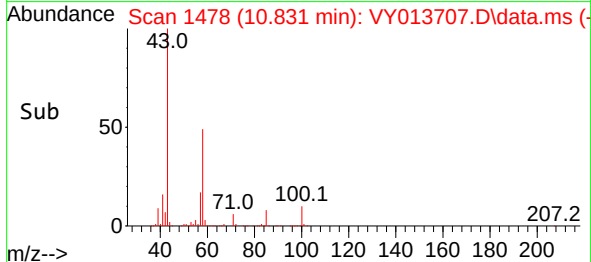
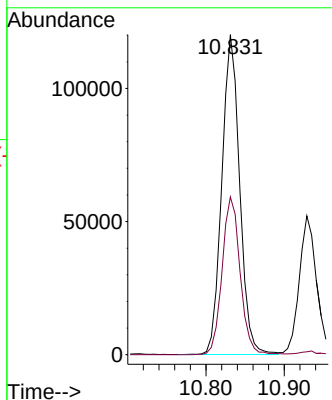
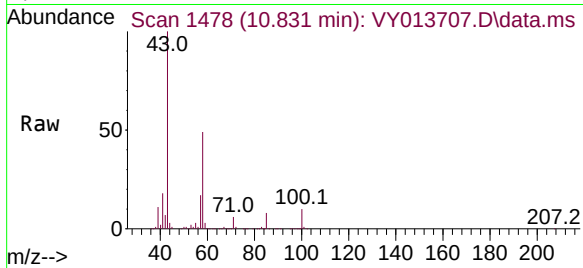




#59
2-Hexanone
Concen: 107.532 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

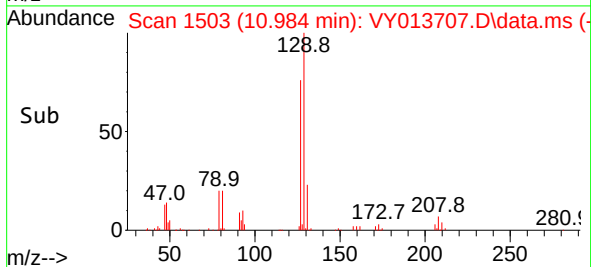
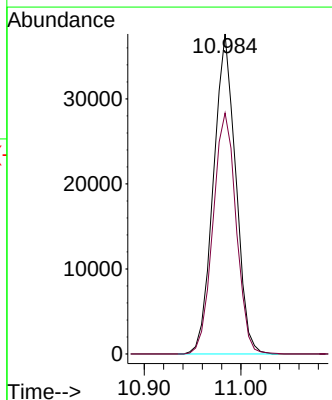
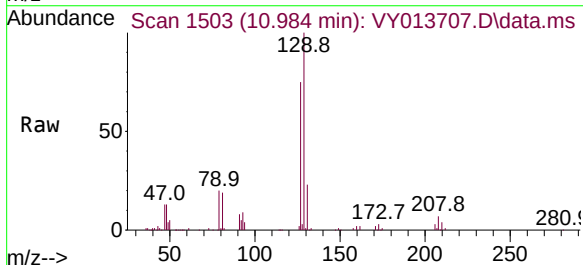
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

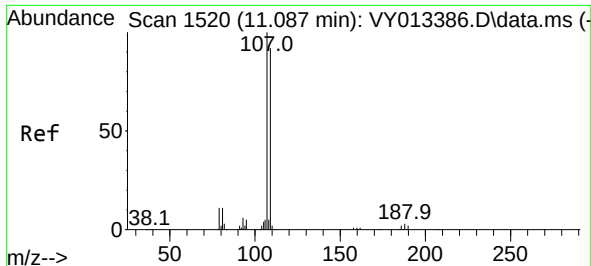
Tgt Ion: 43 Resp: 190444
Ion Ratio Lower Upper
43 100
58 49.8 26.3 78.8



#60
Dibromochloromethane
Concen: 24.638 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 129 Resp: 60095
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

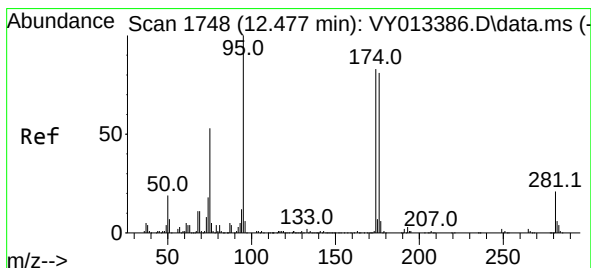
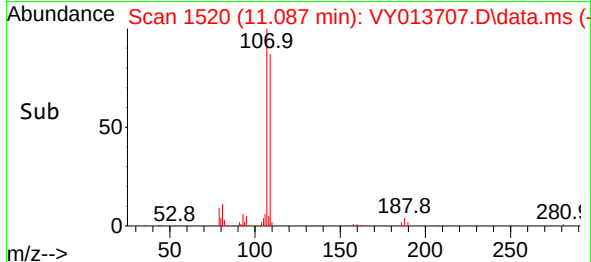
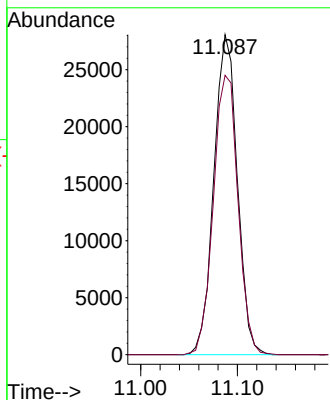
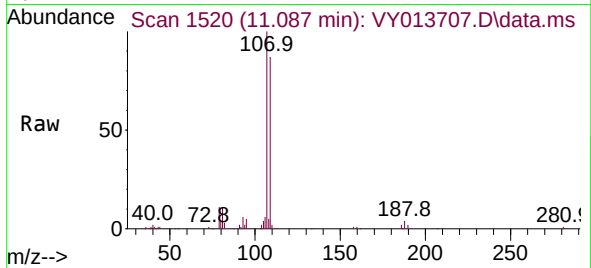




#61
1,2-Dibromoethane
Concen: 23.871 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

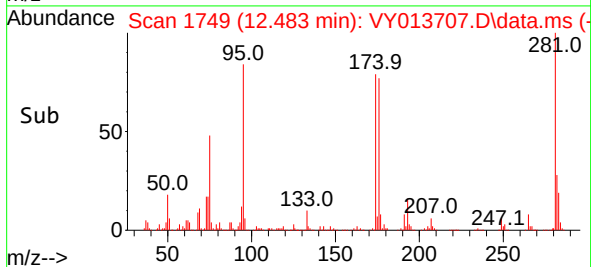
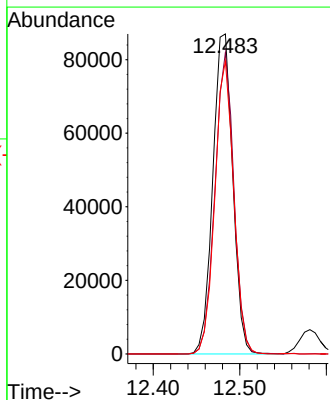
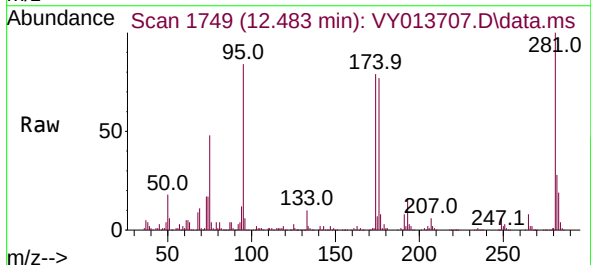
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

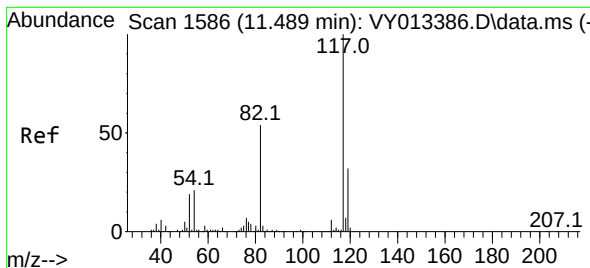
Tgt Ion:107 Resp: 47145
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.853 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 95 Resp: 138925
Ion Ratio Lower Upper
95 100
174 89.7 0.0 182.0
176 86.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

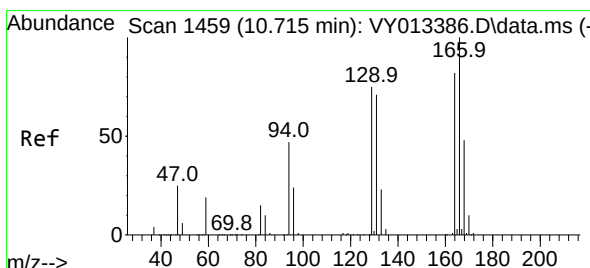
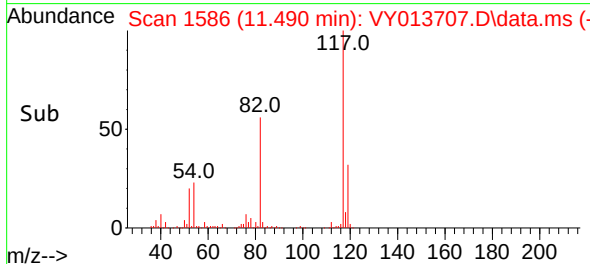
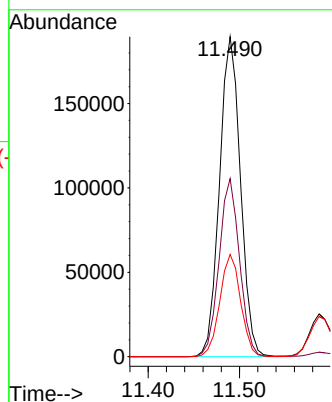
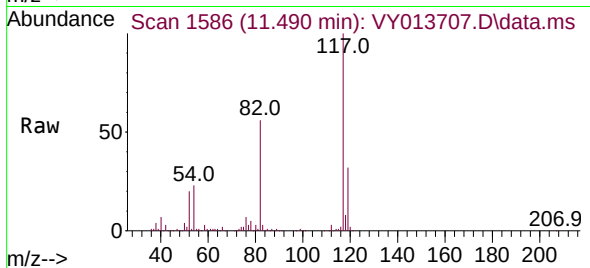
Tgt Ion:117 Resp: 302375

Ion Ratio Lower Upper

117 100

82 55.7 43.0 64.6

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 24.059 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Tgt Ion:164 Resp: 55319

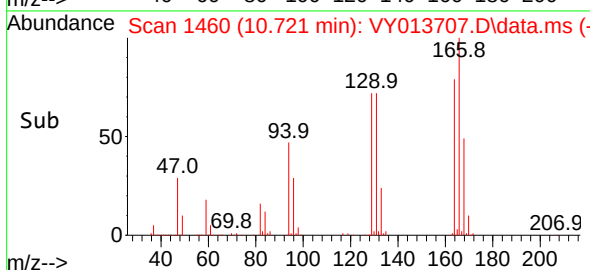
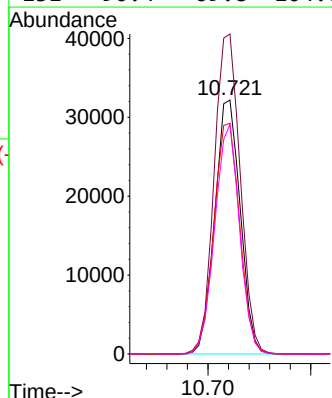
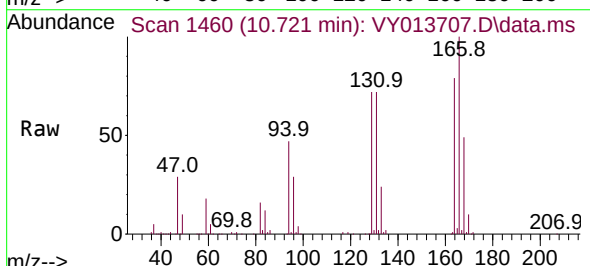
Ion Ratio Lower Upper

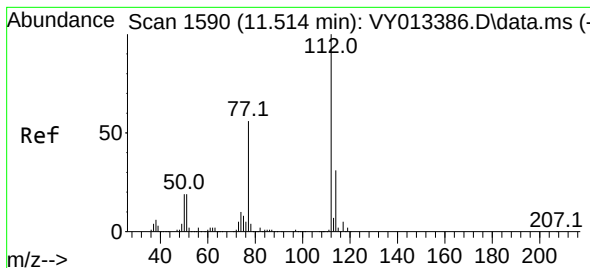
164 100

166 126.0 97.5 146.3

129 90.9 72.6 109.0

131 90.4 69.8 104.6





#65

Chlorobenzene

Concen: 23.758 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

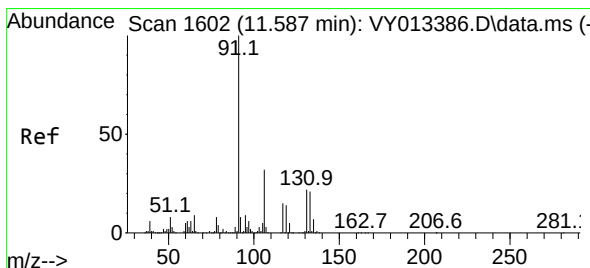
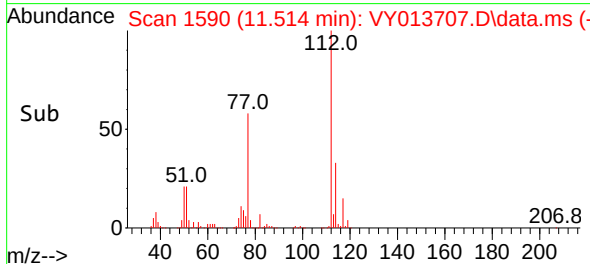
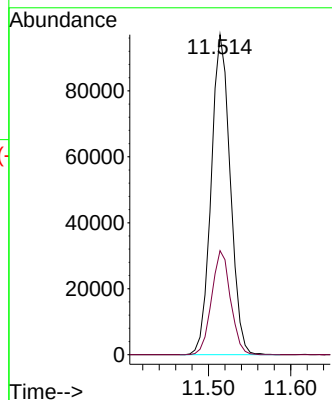
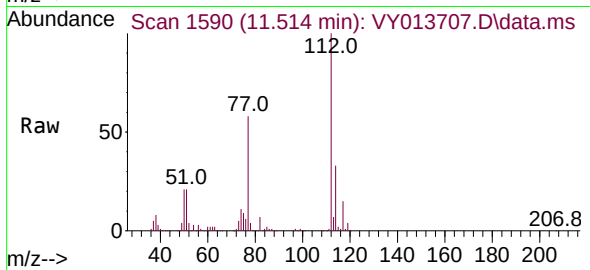
VY0511SBSD01

Tgt Ion:112 Resp: 156494

Ion Ratio Lower Upper

112 100

114 32.5 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 24.860 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

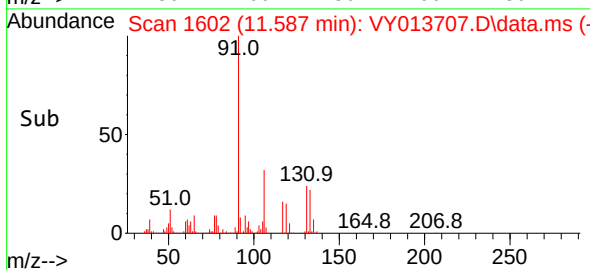
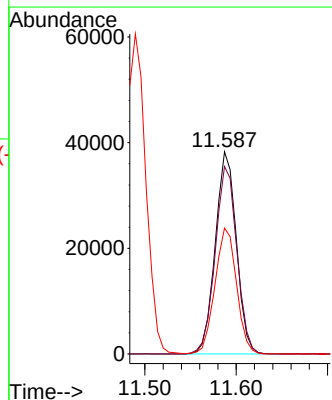
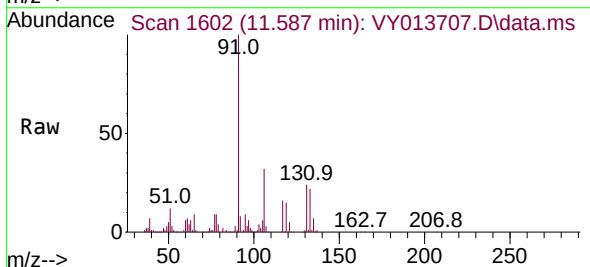
Tgt Ion:131 Resp: 61243

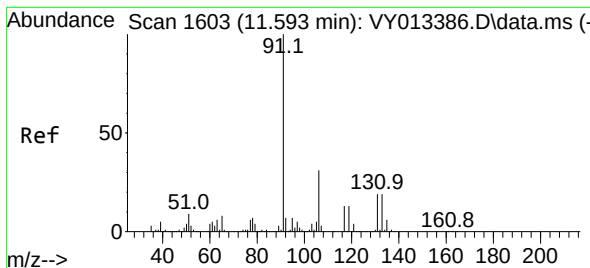
Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 63.8 32.6 98.0

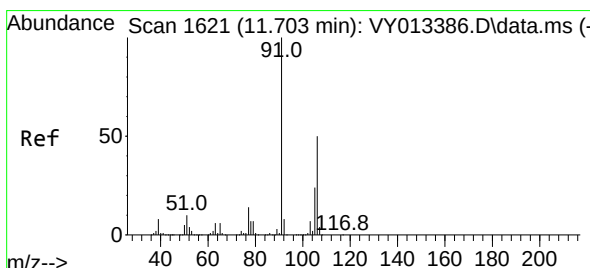
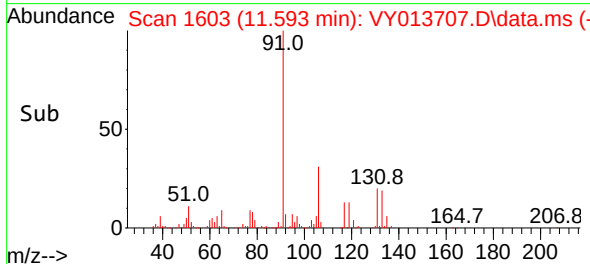
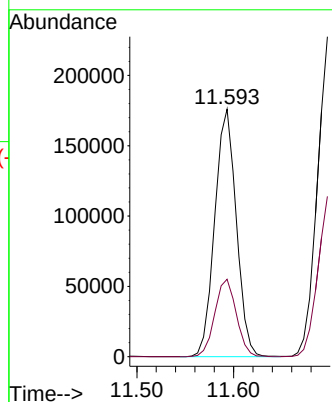
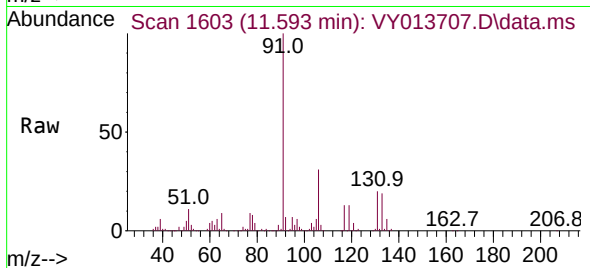




#67
Ethyl Benzene
Concen: 23.515 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

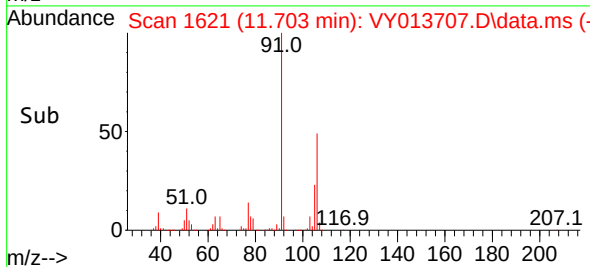
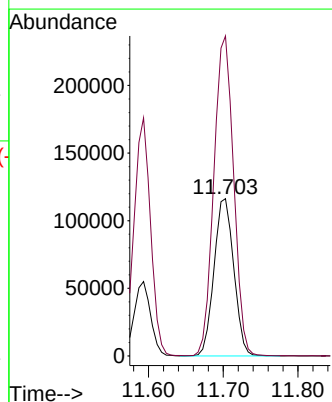
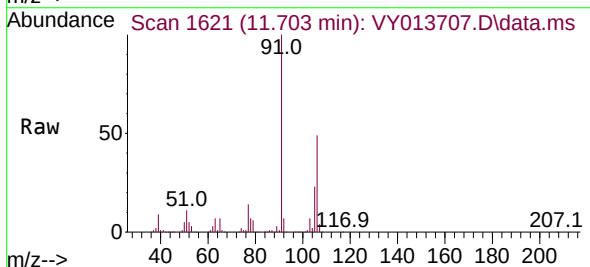
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

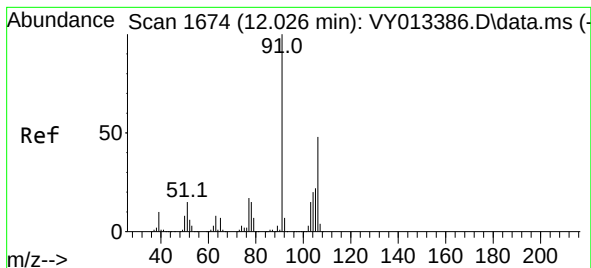
Tgt Ion: 91 Resp: 271990
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 48.551 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 106 Resp: 213482
Ion Ratio Lower Upper
106 100
91 203.3 160.9 241.3





#69

o-Xylene

Concen: 23.358 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

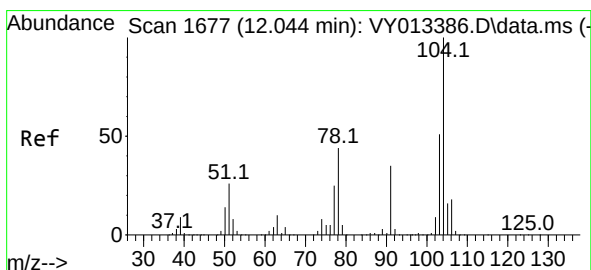
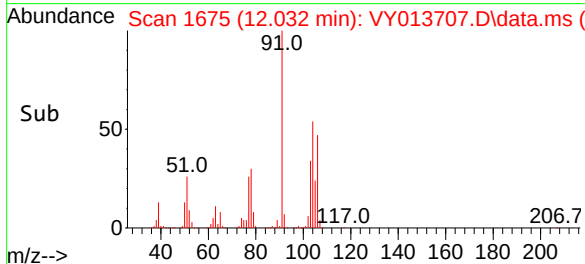
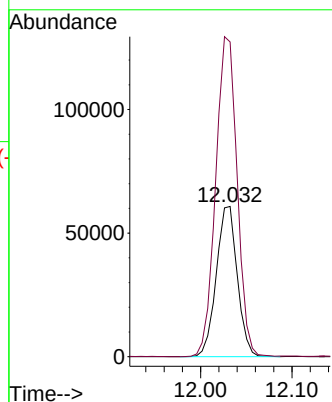
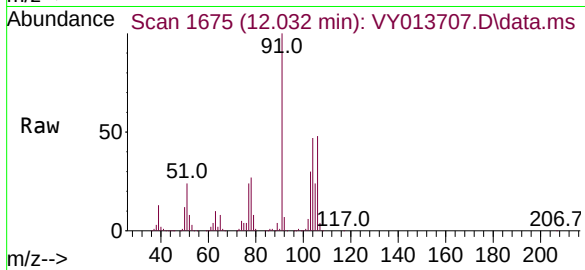
VY0511SBSD01

Tgt Ion:106 Resp: 97135

Ion Ratio Lower Upper

106 100

91 217.9 105.5 316.4



#70

Styrene

Concen: 24.171 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

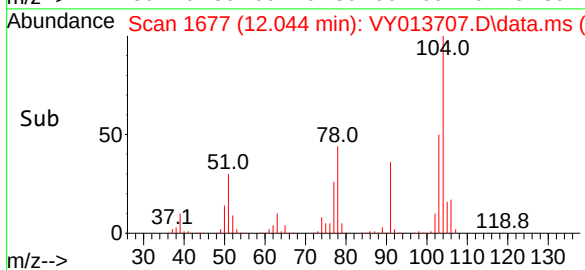
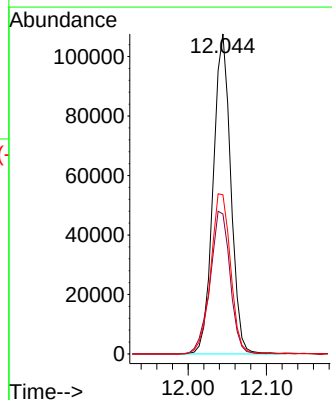
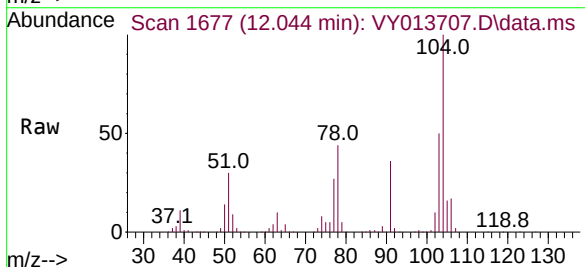
Tgt Ion:104 Resp: 168062

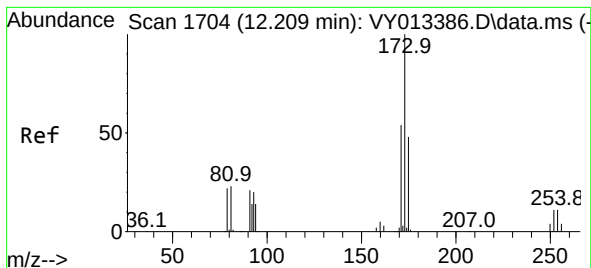
Ion Ratio Lower Upper

104 100

78 50.8 40.3 60.5

103 56.5 45.0 67.4





#71

Bromoform

Concen: 23.567 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

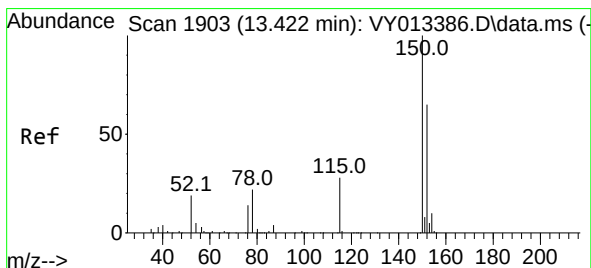
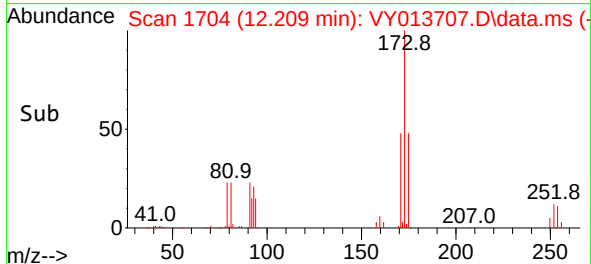
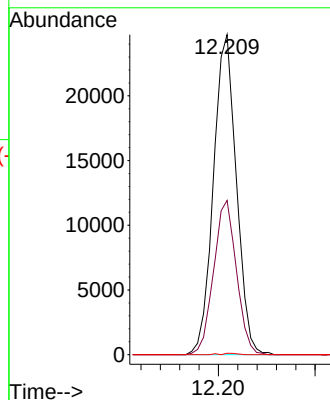
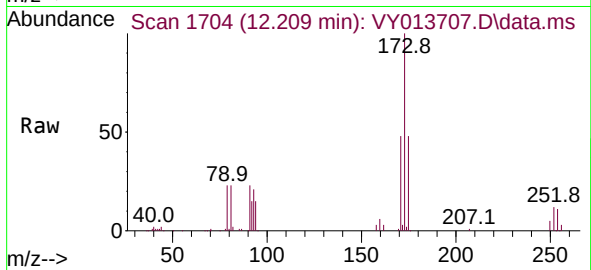
Tgt Ion:173 Resp: 40666

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.8

254 0.3 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: VY013707.D

Acq: 11 May 2023 11:05

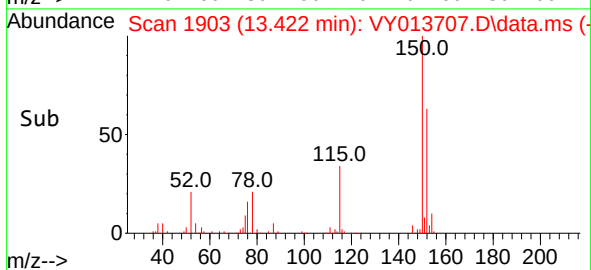
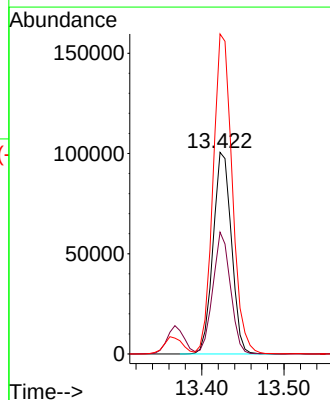
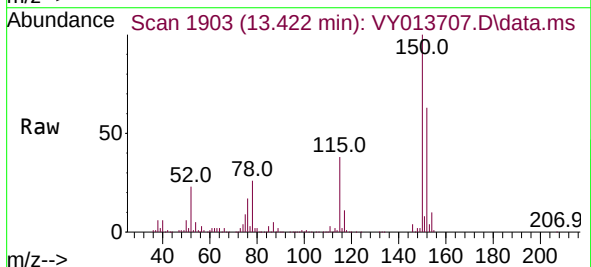
Tgt Ion:152 Resp: 156029

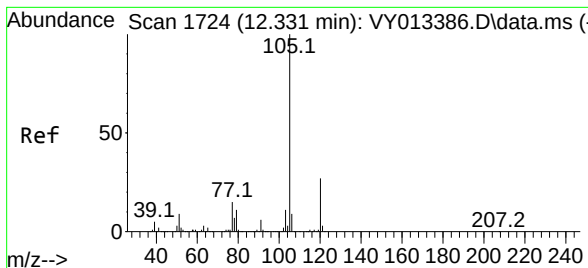
Ion Ratio Lower Upper

152 100

115 57.9 28.1 84.2

150 165.3 0.0 352.0





#73

Isopropylbenzene

Concen: 22.686 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

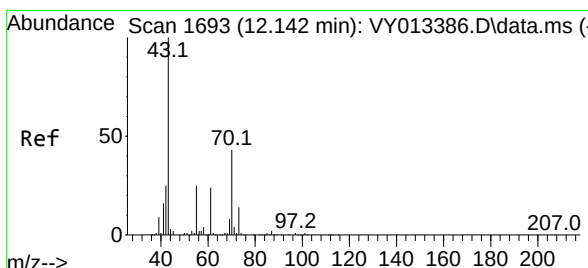
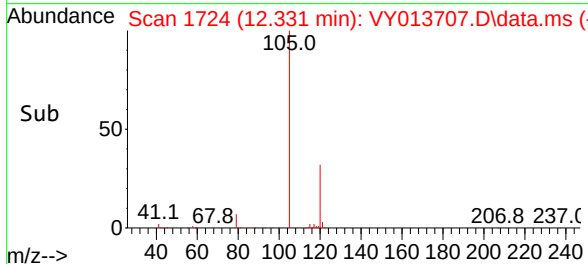
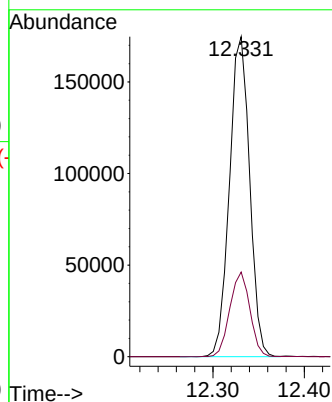
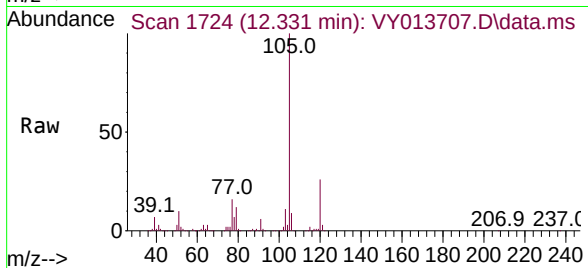
VY0511SBSD01

Tgt Ion:105 Resp: 267723

Ion Ratio Lower Upper

105 100

120 26.3 13.7 41.0



#74

N-ethyl acetate

Concen: 19.269 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Tgt Ion: 43 Resp: 80924

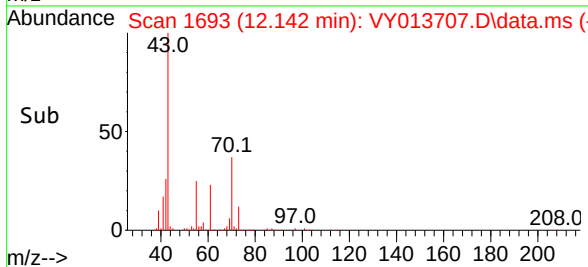
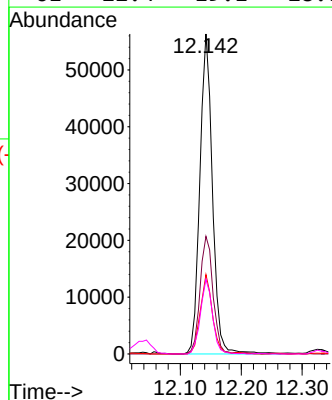
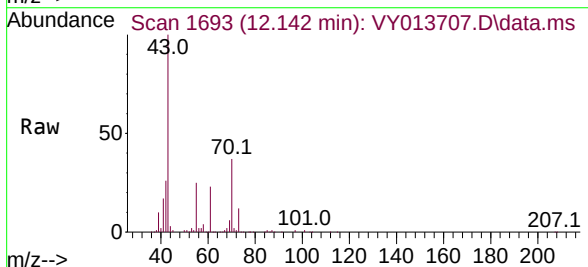
Ion Ratio Lower Upper

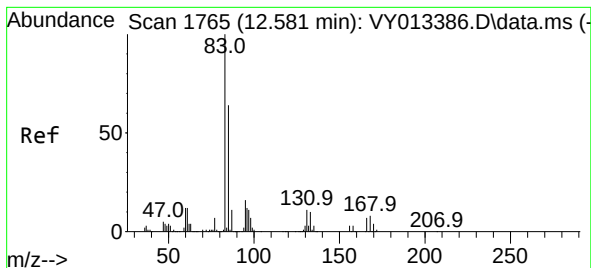
43 100

70 38.3 33.0 49.4

55 23.8 19.8 29.6

61 22.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.305 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

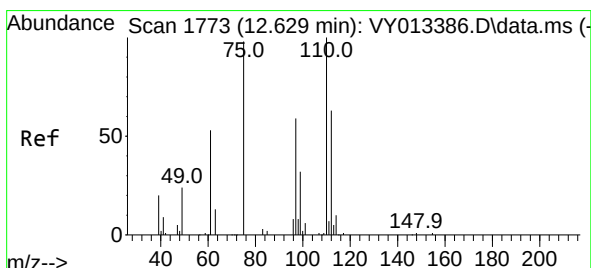
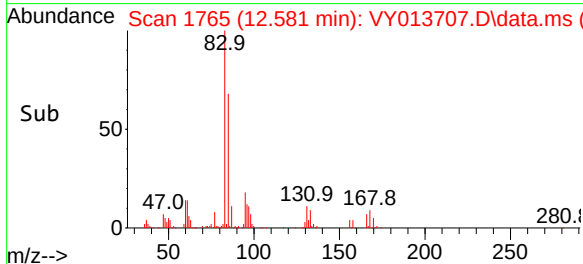
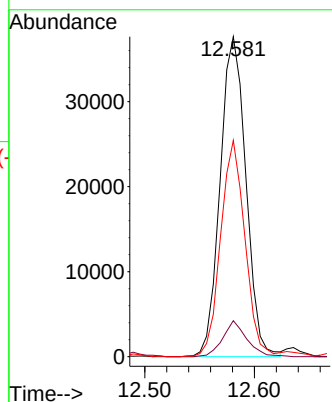
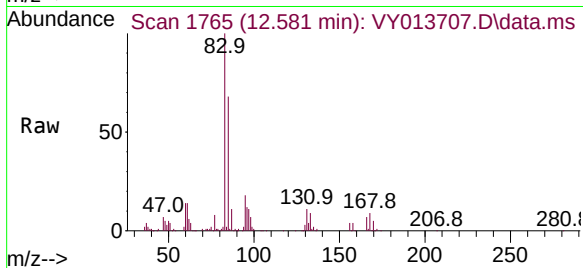
Tgt Ion: 83 Resp: 61455

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.0

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.060 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013707.D

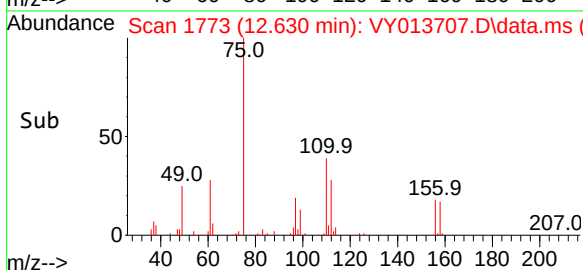
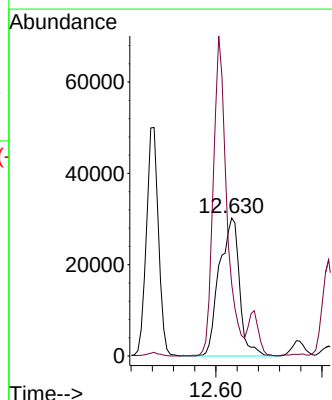
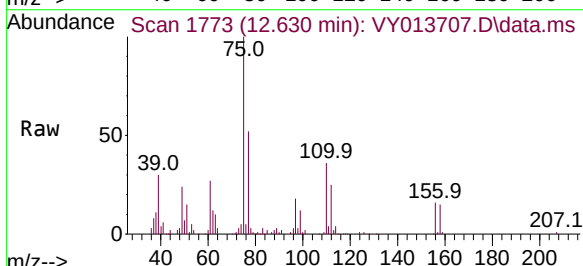
Acq: 11 May 2023 11:05

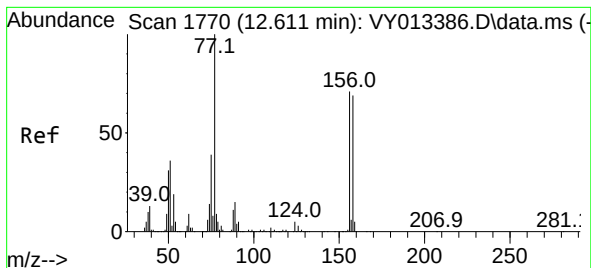
Tgt Ion: 75 Resp: 80087

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.602 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

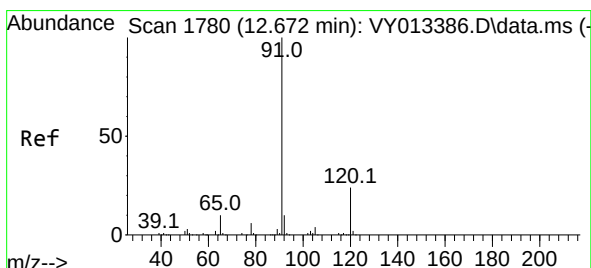
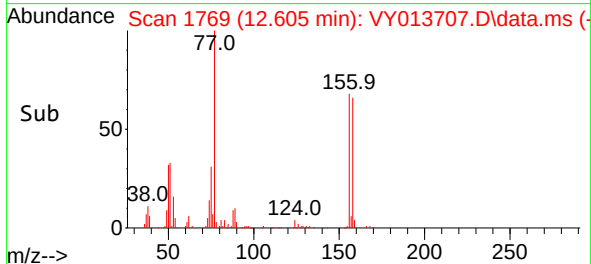
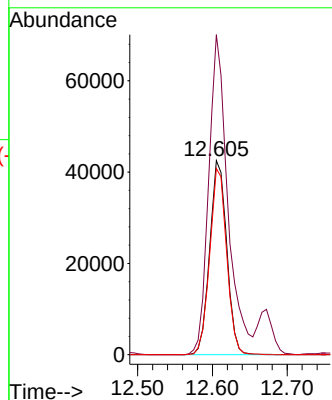
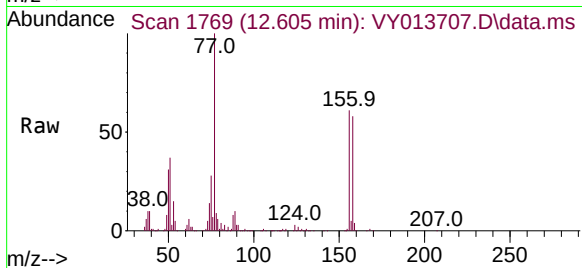
Tgt Ion:156 Resp: 67491

Ion Ratio Lower Upper

156 100

77 184.8 87.6 262.9

158 95.2 48.5 145.5



#78

n-propylbenzene

Concen: 22.943 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013707.D

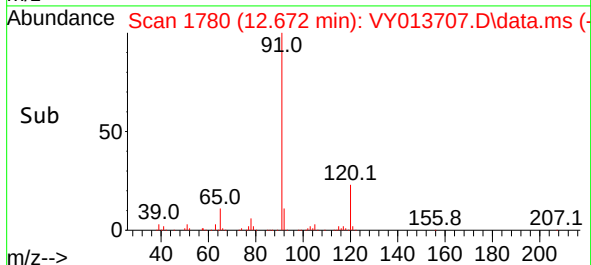
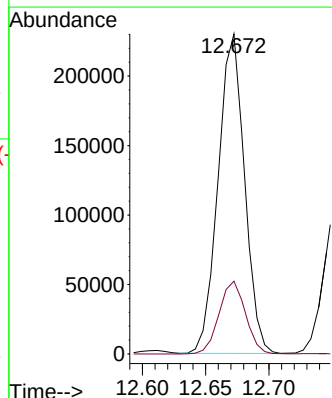
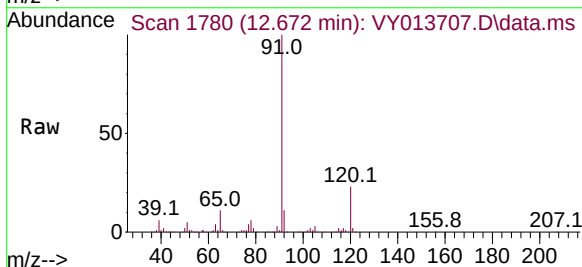
Acq: 11 May 2023 11:05

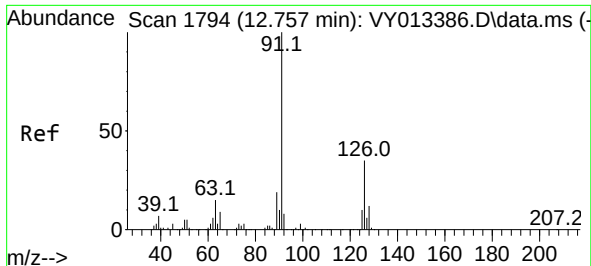
Tgt Ion: 91 Resp: 333504

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 23.001 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

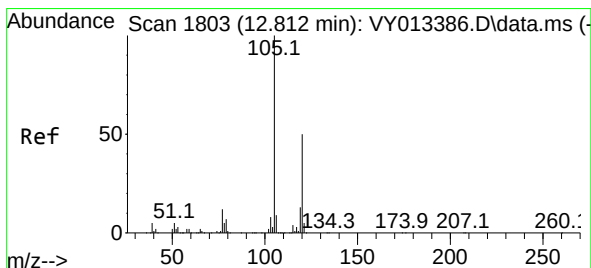
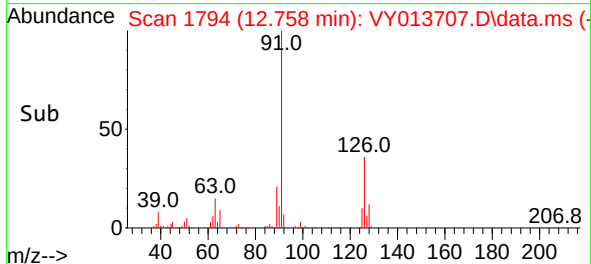
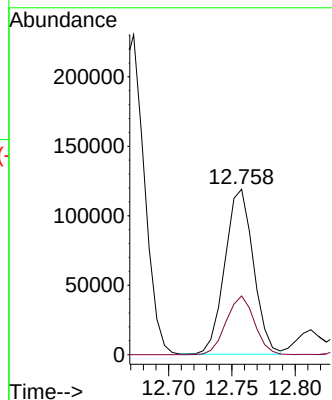
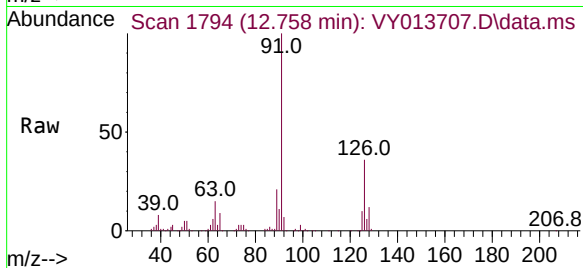
VY0511SBSD01

Tgt Ion: 91 Resp: 186711

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 23.313 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013707.D

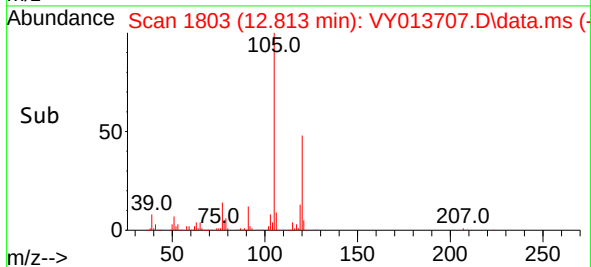
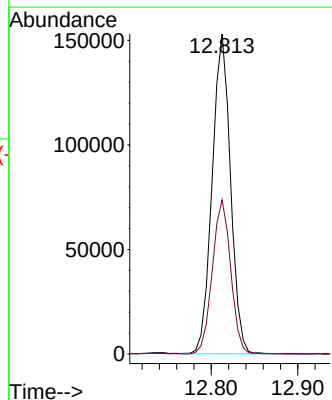
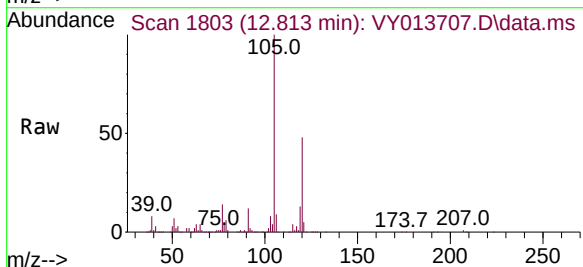
Acq: 11 May 2023 11:05

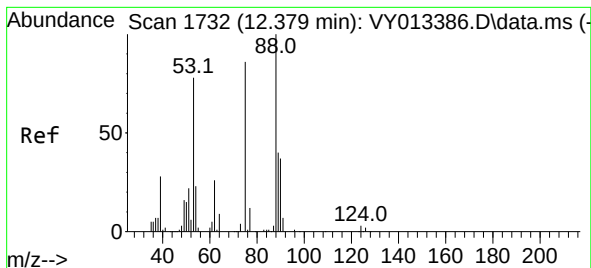
Tgt Ion:105 Resp: 224556

Ion Ratio Lower Upper

105 100

120 48.2 24.7 74.1

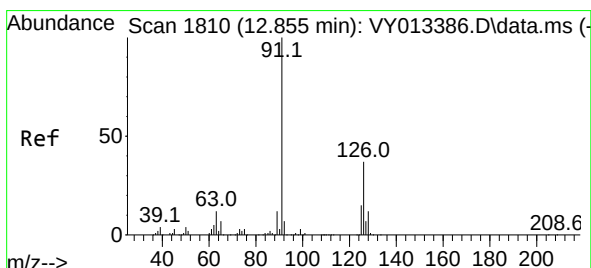
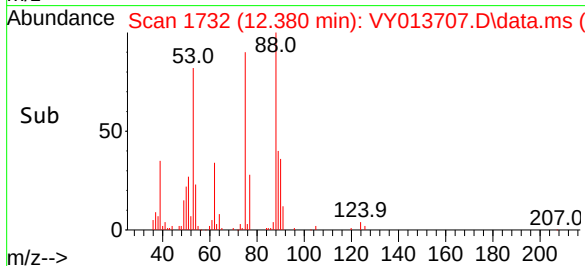
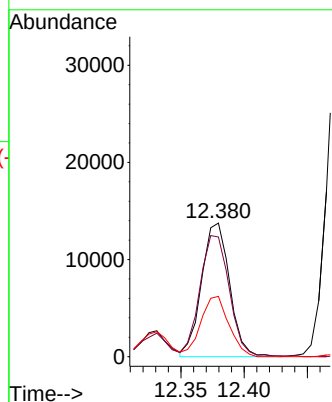
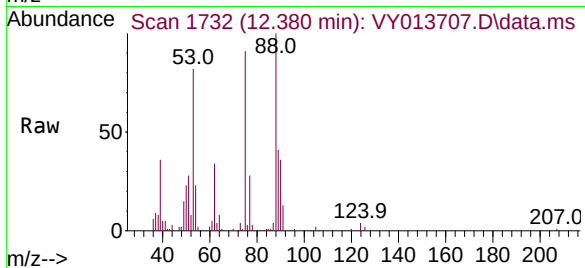




#81
trans-1,4-Dichloro-2-butene
Concen: 20.657 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

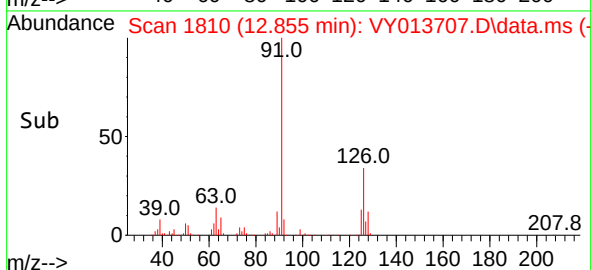
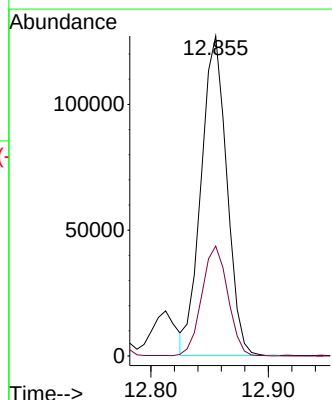
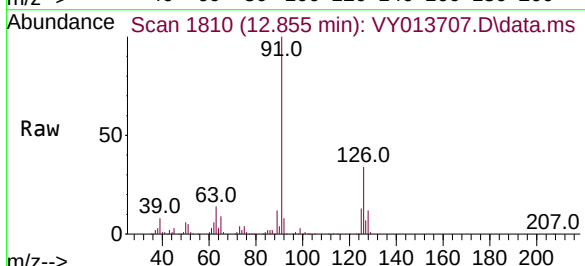
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

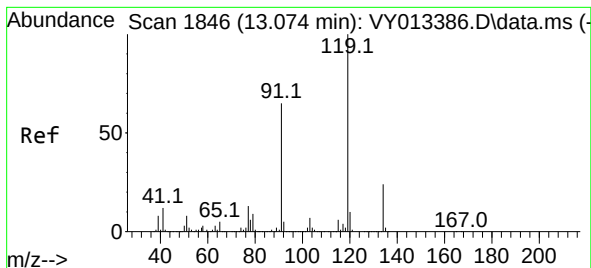
Tgt Ion: 75 Resp: 21250
Ion Ratio Lower Upper
75 100
53 95.5 73.2 109.8
89 45.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 22.790 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 91 Resp: 192822
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.943 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

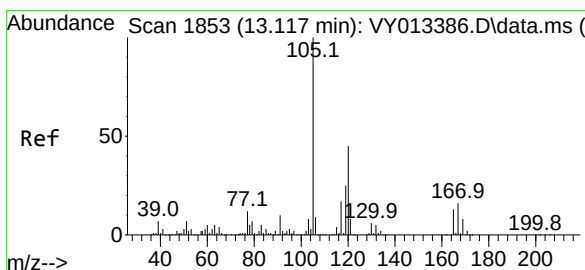
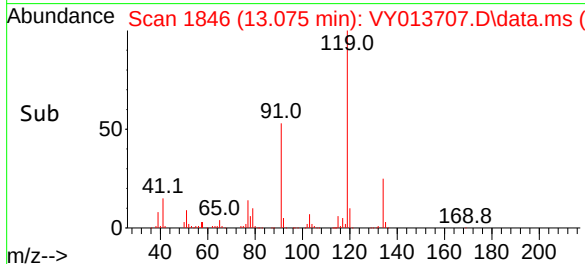
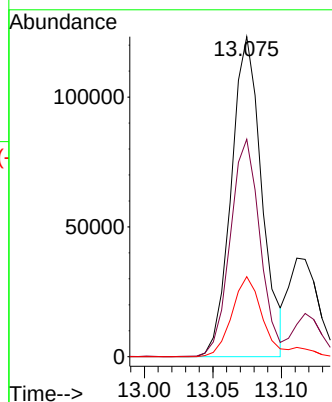
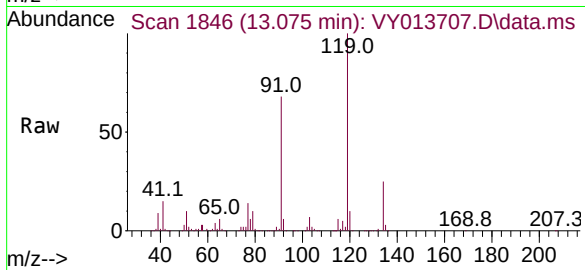
Tgt Ion:119 Resp: 191466

Ion Ratio Lower Upper

119 100

91 66.2 32.2 96.6

134 24.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 23.852 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013707.D

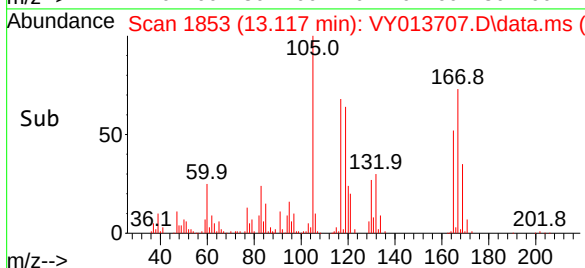
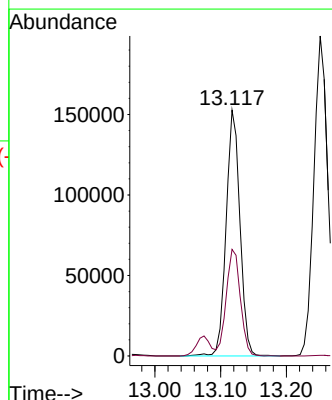
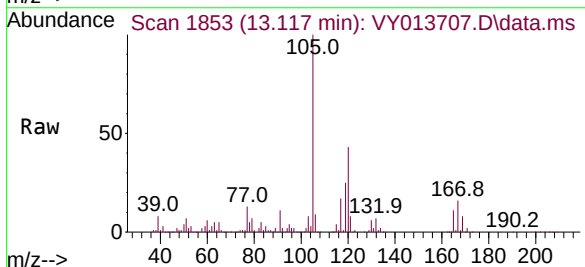
Acq: 11 May 2023 11:05

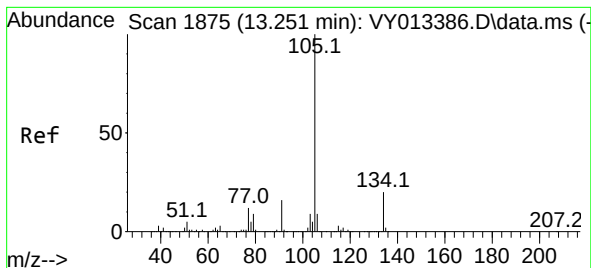
Tgt Ion:105 Resp: 223374

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 23.225 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

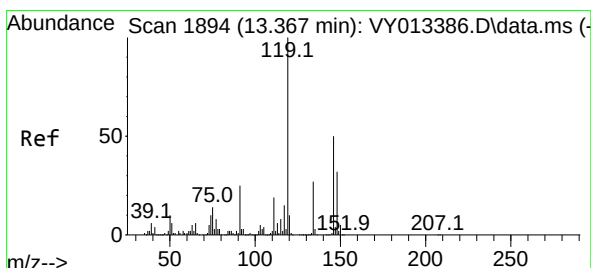
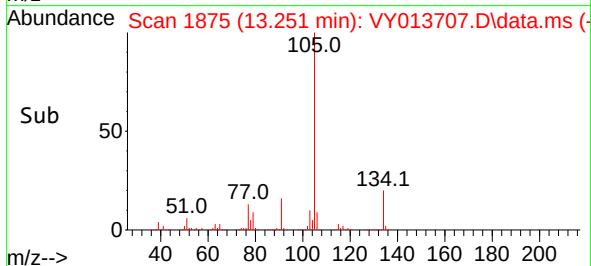
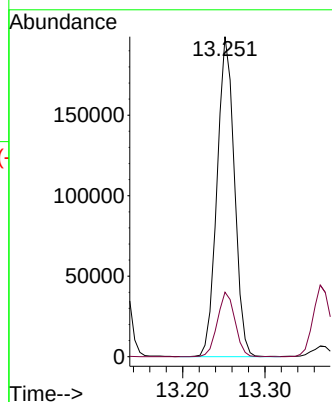
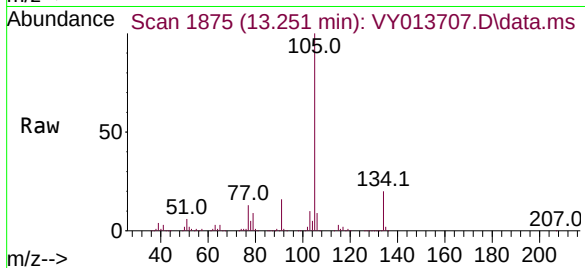
VY0511SBSD01

Tgt Ion:105 Resp: 290876

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9



#86

p-Isopropyltoluene

Concen: 23.850 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

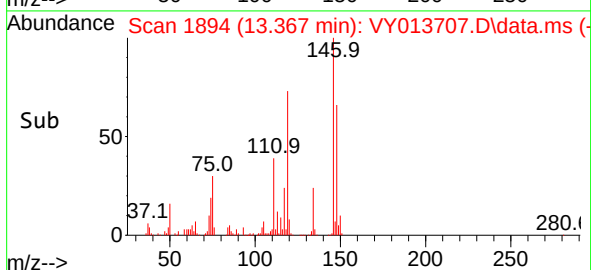
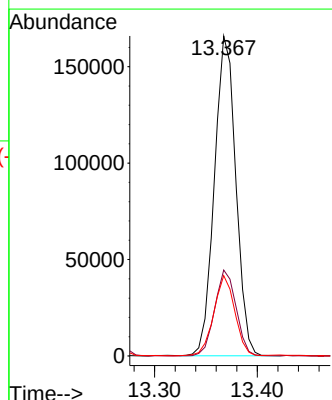
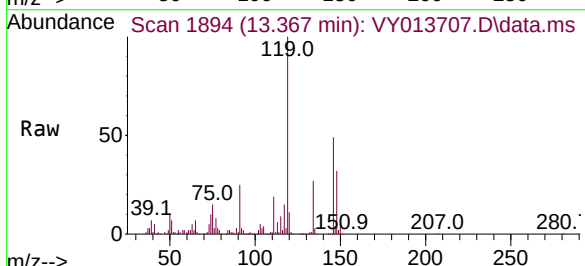
Tgt Ion:119 Resp: 240209

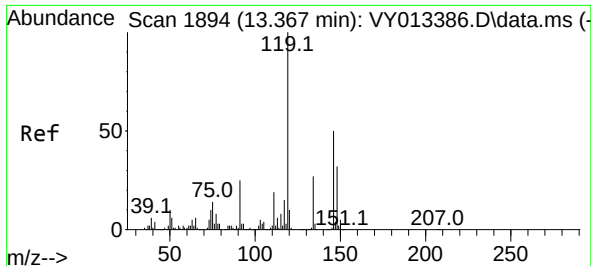
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 23.857 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

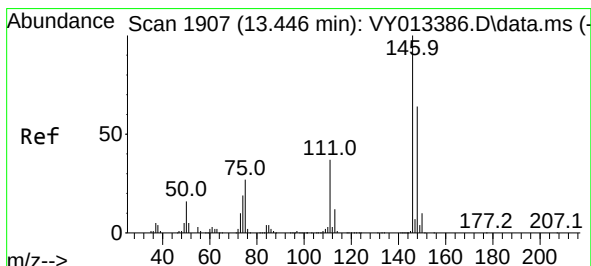
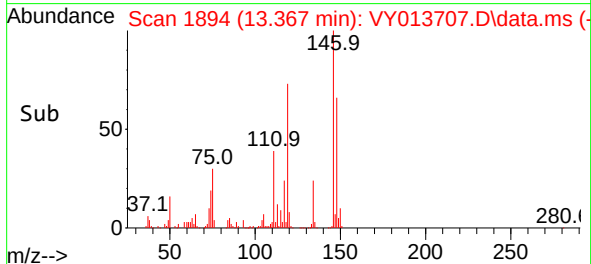
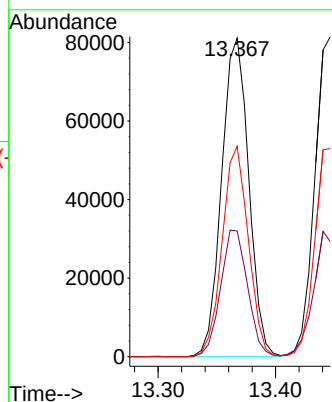
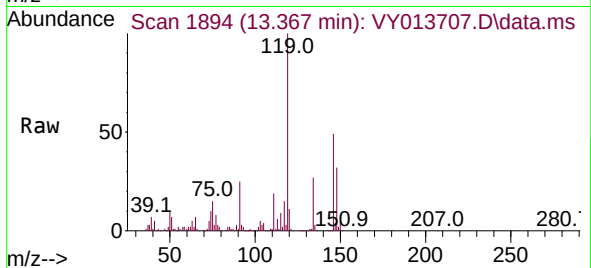
Tgt Ion:146 Resp: 129969

Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.9

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 23.204 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

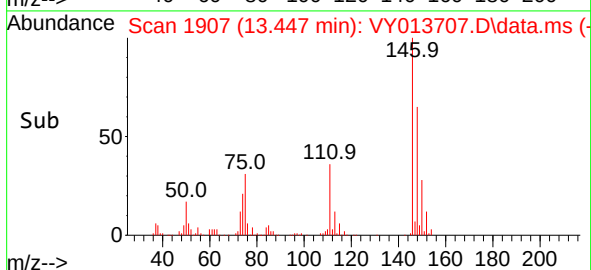
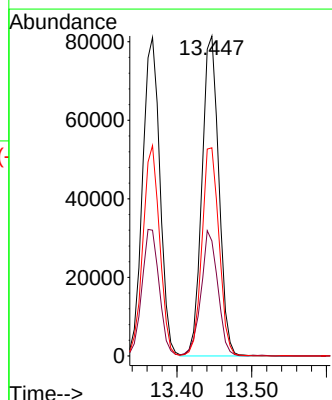
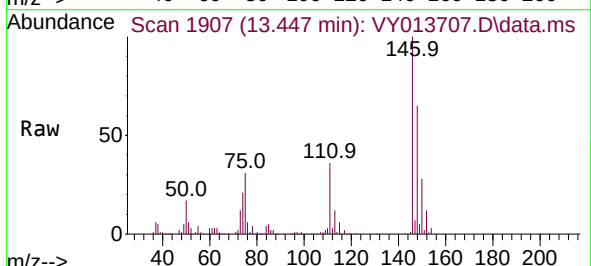
Tgt Ion:146 Resp: 127697

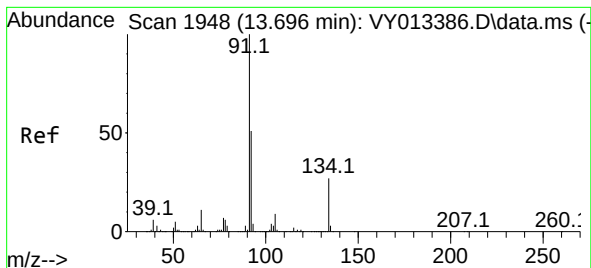
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.5

148 66.1 31.9 95.5





#89

n-Butylbenzene

Concen: 22.840 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

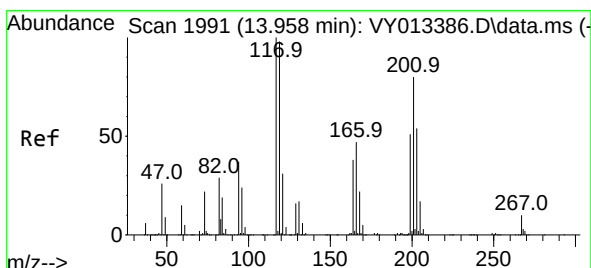
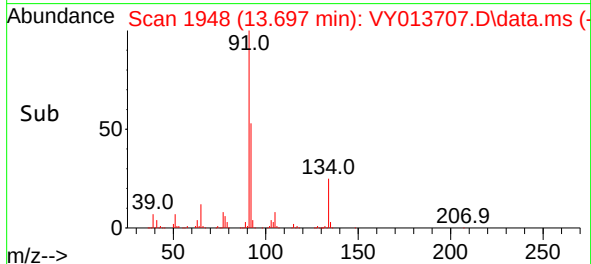
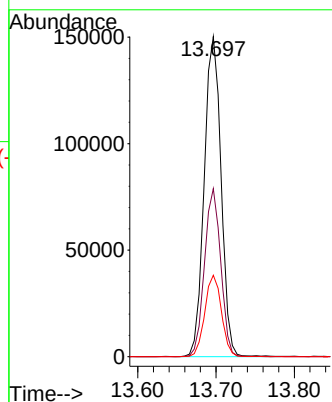
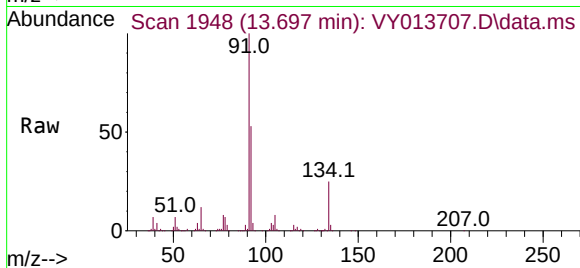
Tgt Ion: 91 Resp: 224528

Ion Ratio Lower Upper

91 100

92 50.5 25.8 77.3

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 22.759 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013707.D

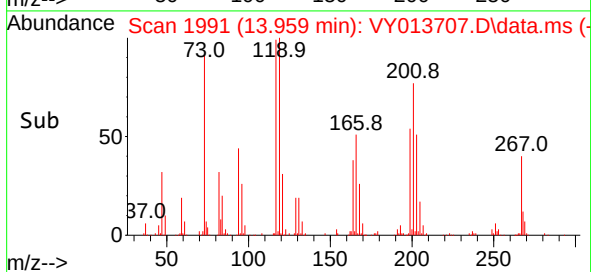
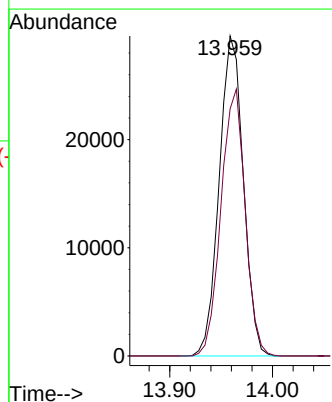
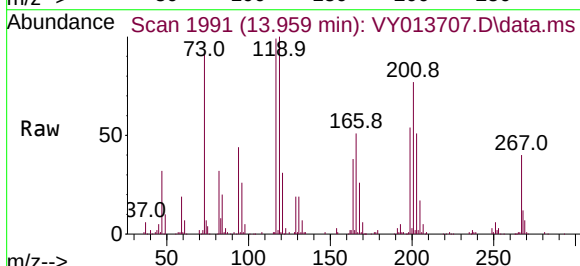
Acq: 11 May 2023 11:05

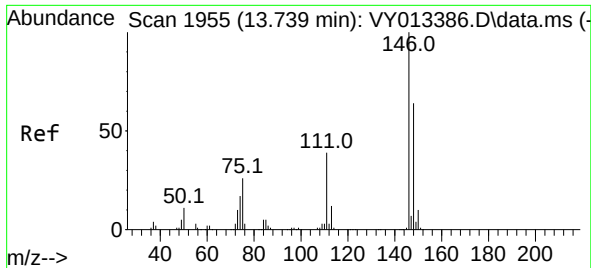
Tgt Ion: 117 Resp: 48243

Ion Ratio Lower Upper

117 100

201 83.4 41.6 124.8

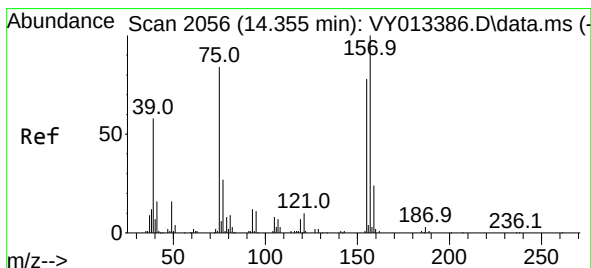
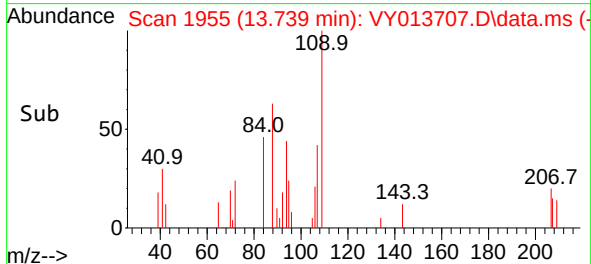
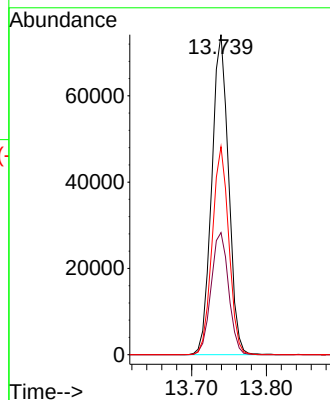
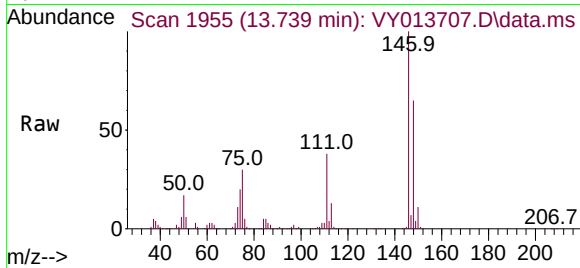




#91
1,2-Dichlorobenzene
Concen: 23.549 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

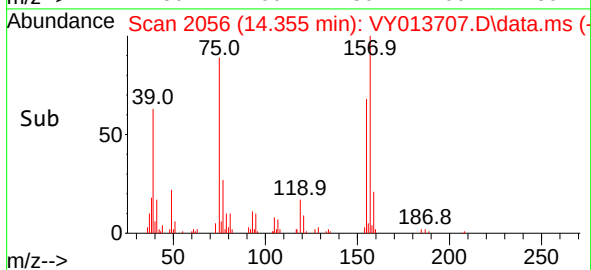
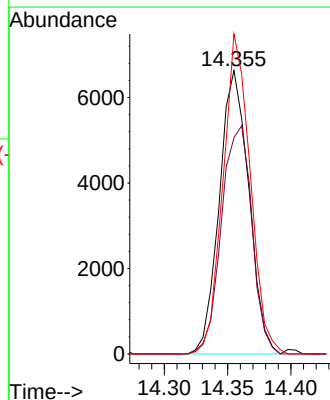
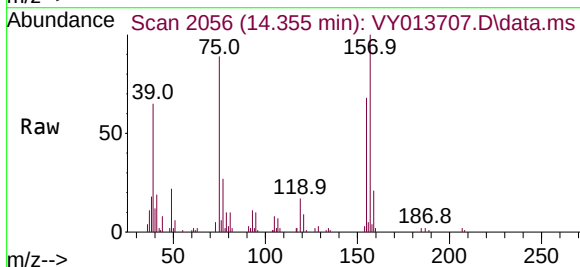
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

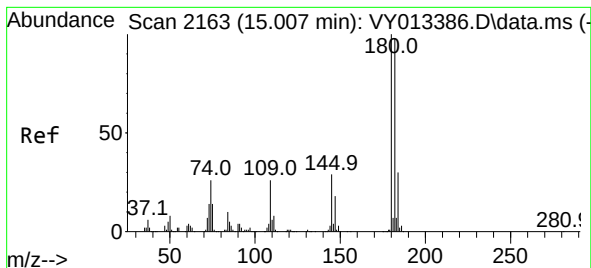
Tgt Ion:146 Resp: 115852
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.111 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion: 75 Resp: 10755
Ion Ratio Lower Upper
75 100
155 83.0 44.6 134.0
157 104.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 23.610 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

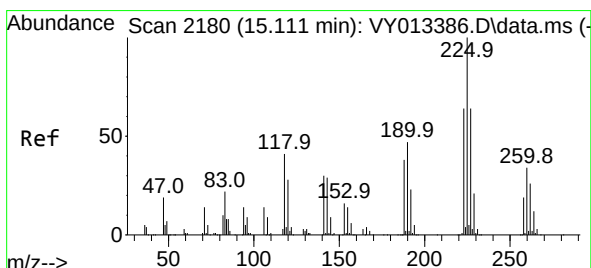
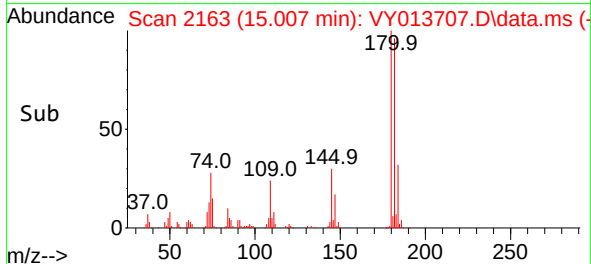
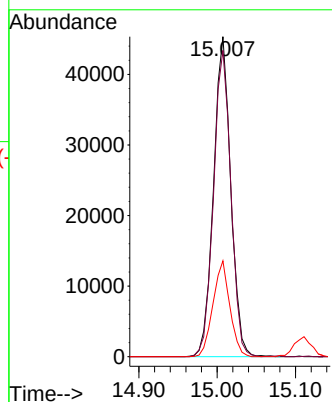
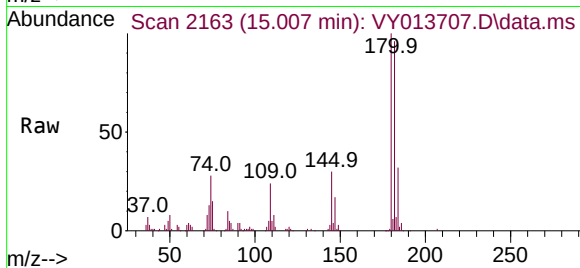
Tgt Ion:180 Resp: 69251

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 29.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 26.325 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013707.D

Acq: 11 May 2023 11:05

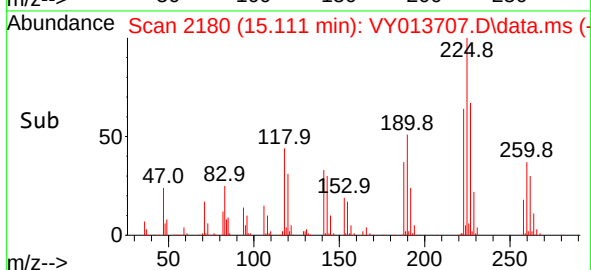
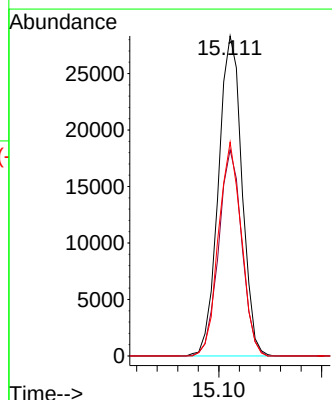
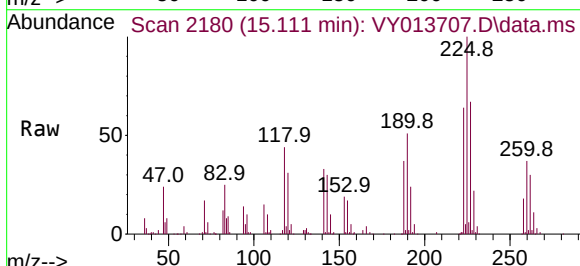
Tgt Ion:225 Resp: 44938

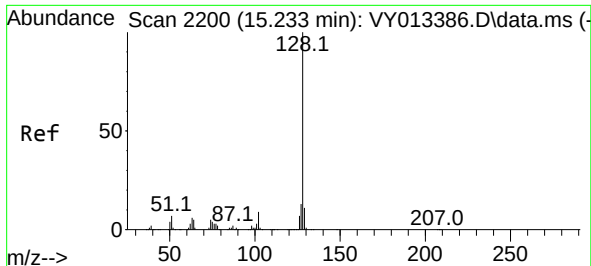
Ion Ratio Lower Upper

225 100

223 63.4 31.4 94.2

227 64.8 32.0 96.0

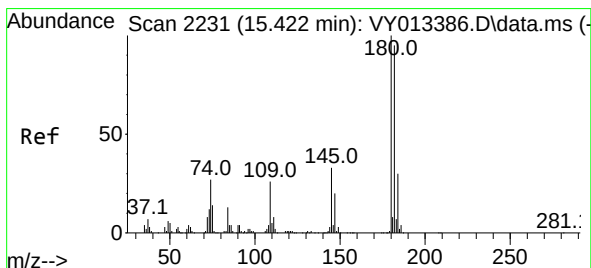
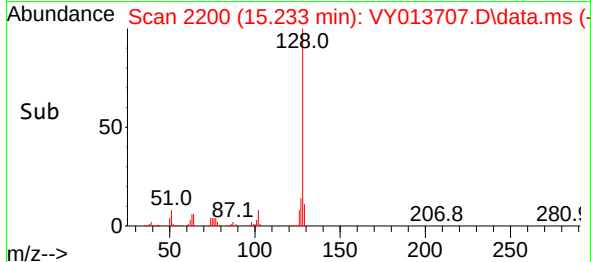
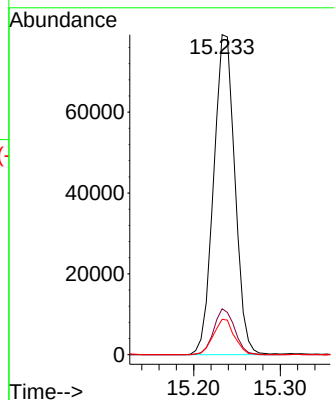
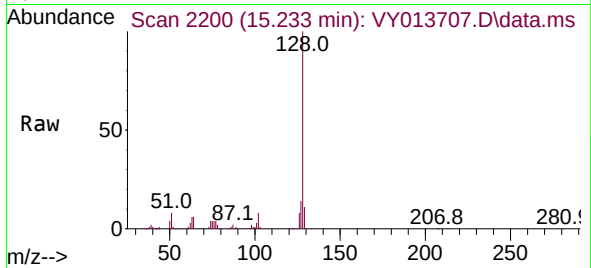




#95
Naphthalene
Concen: 21.242 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Tgt Ion:128 Resp: 135183
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 24.246 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013707.D
Acq: 11 May 2023 11:05

Tgt Ion:180 Resp: 63385
Ion Ratio Lower Upper
180 100
182 92.2 47.1 141.3
145 29.8 15.9 47.7

