

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013701.D
 Acq On : 10 May 2023 20:23
 Operator : KP/MD
 Sample : 02719-03MSD
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509MSD

Quant Time: May 11 03:34:04 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	218337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125694	52.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.040%	
35) Dibromofluoromethane	7.716	113	112851	54.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.520%	
50) Toluene-d8	10.179	98	376849	50.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.477	95	138674	55.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	106939	51.520	ug/l	97
3) Chloromethane	2.107	50	122148	43.901	ug/l	98
4) Vinyl Chloride	2.247	62	124677	45.004	ug/l	99
5) Bromomethane	2.650	94	92442	41.873	ug/l	100
6) Chloroethane	2.796	64	82423	43.067	ug/l	99
7) Trichlorofluoromethane	3.125	101	215682	51.392	ug/l	100
8) Diethyl Ether	3.528	74	67047	46.914	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	114146	48.489	ug/l	97
10) Methyl Iodide	4.088	142	132732	44.893	ug/l	97
11) Tert butyl alcohol	4.979	59	47509	176.423	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	108587	47.854	ug/l	93
13) Acrolein	3.729	56	21340	96.611	ug/l	93
14) Allyl chloride	4.479	41	198626	47.175	ug/l	98
15) Acrylonitrile	5.161	53	177788	222.131	ug/l	99
16) Acetone	3.948	43	183748	194.944	ug/l	96
17) Carbon Disulfide	4.192	76	306125	41.532	ug/l	98
18) Methyl Acetate	4.479	43	137675	44.224	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	319600	48.787	ug/l	99
20) Methylene Chloride	4.710	84	162524	56.013	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	119233	48.058	ug/l	99
22) Diisopropyl ether	6.119	45	424718	51.609	ug/l	95
23) Vinyl Acetate	6.058	43	1066049	228.789	ug/l	96
24) 1,1-Dichloroethane	6.015	63	232008	50.584	ug/l	98
25) 2-Butanone	6.984	43	241971	202.422	ug/l	94
26) 2,2-Dichloropropane	6.978	77	200120	50.634	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	140030	51.083	ug/l	95
28) Bromochloromethane	7.332	49	79724	48.982	ug/l	85
29) Tetrahydrofuran	7.344	42	151850	204.072	ug/l	92
30) Chloroform	7.502	83	246037	53.953	ug/l	99
31) Cyclohexane	7.783	56	185396	43.263	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	218956	53.807	ug/l	98
36) 1,1-Dichloropropene	7.917	75	175855	50.943	ug/l	98
37) Ethyl Acetate	7.076	43	105259	40.519	ug/l	97
38) Carbon Tetrachloride	7.899	117	200622	55.450	ug/l	98
39) Methylcyclohexane	9.185	83	191631	47.089	ug/l	98
40) Benzene	8.161	78	508996	52.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	48969	40.453	ug/l #	84
42) 1,2-Dichloroethane	8.234	62	171881	54.067	ug/l	98
43) Isopropyl Acetate	8.271	43	196786	44.880	ug/l	98
44) Trichloroethene	8.941	130	134589	52.034	ug/l	100
45) 1,2-Dichloropropane	9.216	63	134346	52.841	ug/l	98
46) Dibromomethane	9.301	93	76713	50.428	ug/l	97
47) Bromodichloromethane	9.496	83	187854	55.187	ug/l	98
48) Methyl methacrylate	9.289	41	92244	45.807	ug/l	95
49) 1,4-Dioxane	9.307	88	18228	838.976	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	544363	222.793	ug/l	96
52) Toluene	10.240	92	316248	54.045	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	188966	52.453	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	210205	51.855	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	105902	52.568	ug/l	96
56) Ethyl methacrylate	10.508	69	137005	49.020	ug/l	92
57) 1,3-Dichloropropane	10.788	76	180289	52.842	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	233140	222.452	ug/l	96
59) 2-Hexanone	10.831	43	386182	217.429	ug/l	95
60) Dibromochloromethane	10.984	129	133293	54.491	ug/l	100
61) 1,2-Dibromoethane	11.087	107	99767	50.371	ug/l	99
64) Tetrachloroethene	10.715	164	119114	52.650	ug/l	95
65) Chlorobenzene	11.514	112	340449	52.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	134416	55.454	ug/l	99
67) Ethyl Benzene	11.593	91	609474	53.553	ug/l	100
68) m/p-Xylenes	11.703	106	460891	106.528	ug/l	96
69) o-Xylene	12.026	106	220338	53.849	ug/l	98
70) Styrene	12.044	104	378571	55.334	ug/l	100
71) Bromoform	12.209	173	87601	51.596	ug/l	99
73) Isopropylbenzene	12.331	105	580869	49.984	ug/l	99
74) N-amyl acetate	12.142	43	165830	40.099	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	127846	45.008	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	165003	79.632	ug/l #	100
77) Bromobenzene	12.605	156	145104	51.532	ug/l	97
78) n-propylbenzene	12.672	91	709187	49.545	ug/l	98
79) 2-Chlorotoluene	12.752	91	400911	50.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	482760	50.897	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	41594	41.062	ug/l	94
82) 4-Chlorotoluene	12.855	91	415234	49.840	ug/l	98
83) tert-Butylbenzene	13.075	119	423100	51.487	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	486767	52.785	ug/l	99
85) sec-Butylbenzene	13.251	105	614310	49.810	ug/l	99
86) p-Isopropyltoluene	13.367	119	511144	51.538	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	272856	50.862	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	272847	50.349	ug/l	100
89) n-Butylbenzene	13.697	91	472388	48.800	ug/l	99
90) Hexachloroethane	13.959	117	102267	48.993	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	249630	51.529	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21253	42.365	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	149810	51.868	ug/l	97
94) Hexachlorobutadiene	15.111	225	85035	50.588	ug/l	99
95) Naphthalene	15.233	128	299267	47.755	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	133176	51.733	ug/l	98

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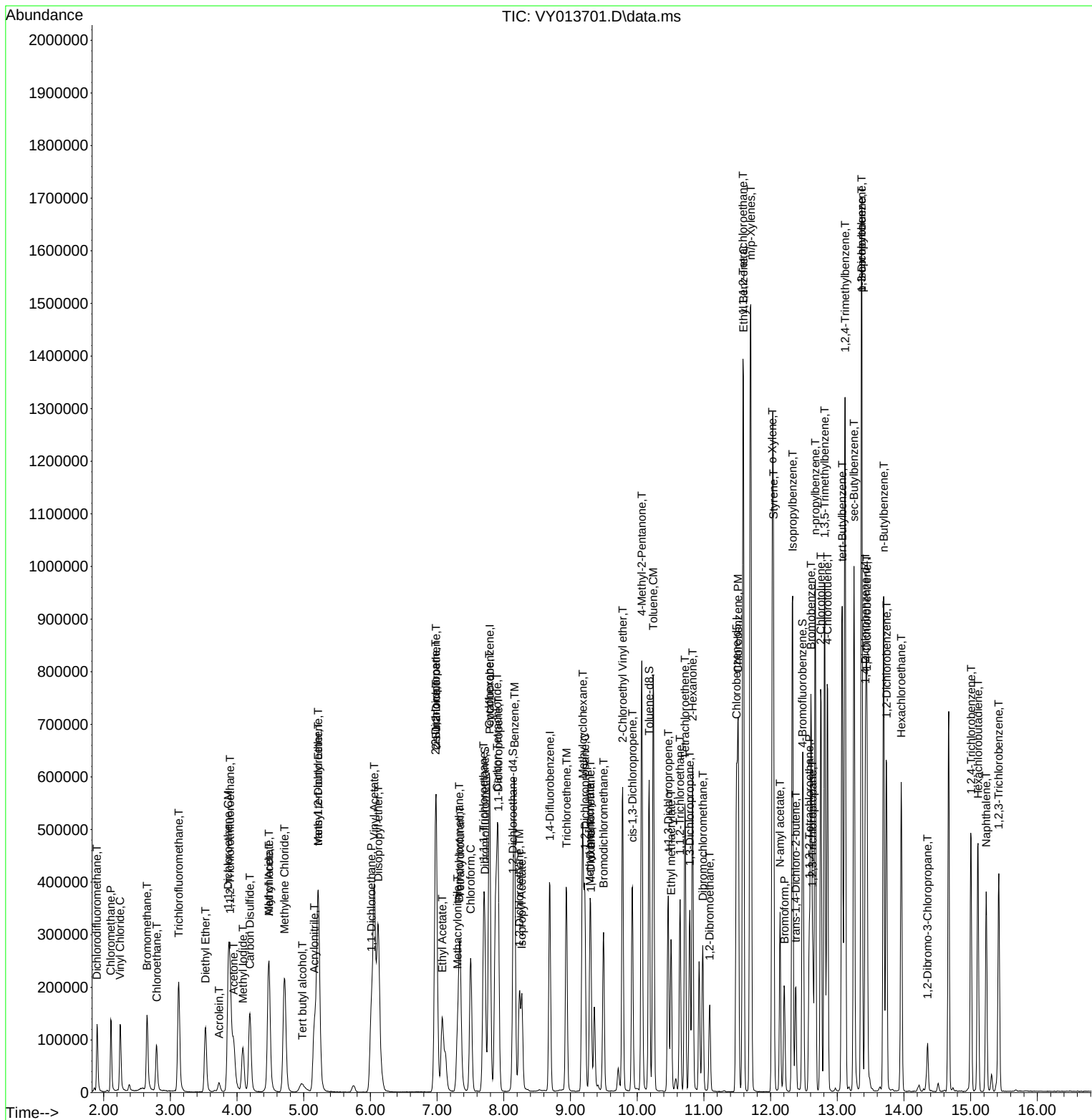
Instrument :
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ClientSampleId :
SB-04_0-2_20230509MSD

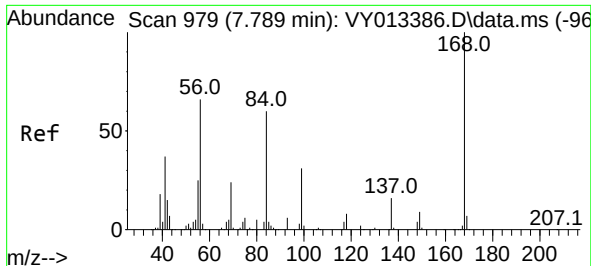
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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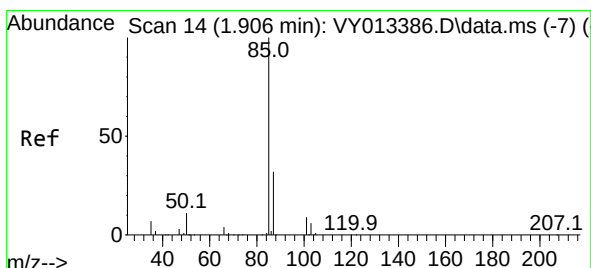
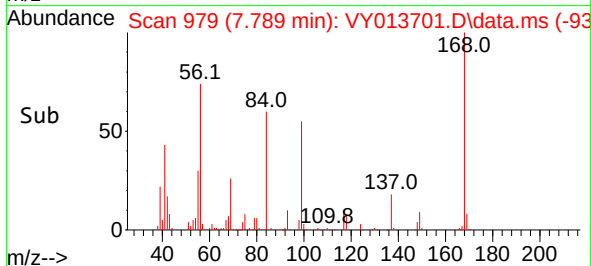
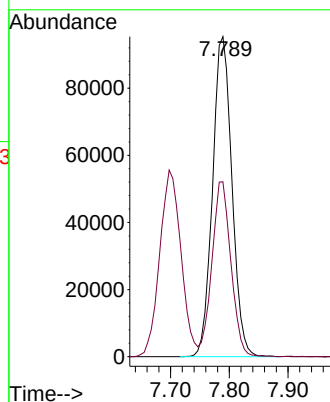
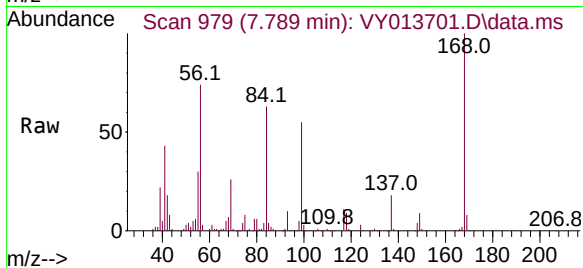




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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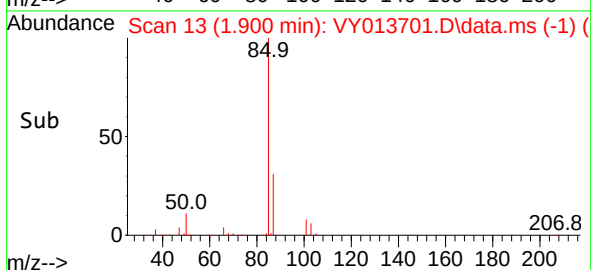
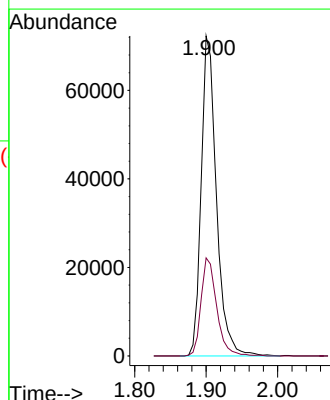
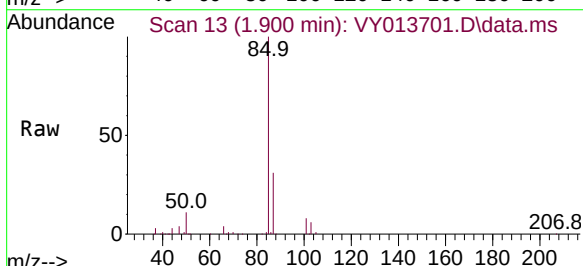
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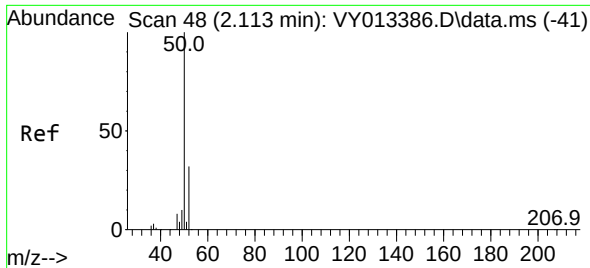
Tgt Ion:168 Resp: 218337
Ion Ratio Lower Upper
168 100
99 54.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.520 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 85 Resp: 106939
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

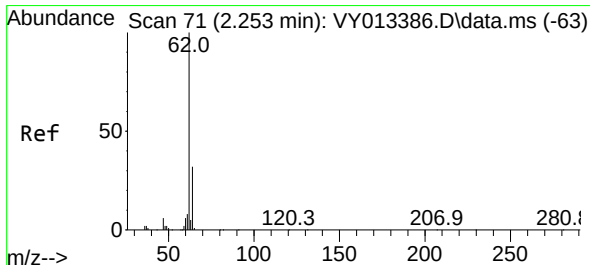
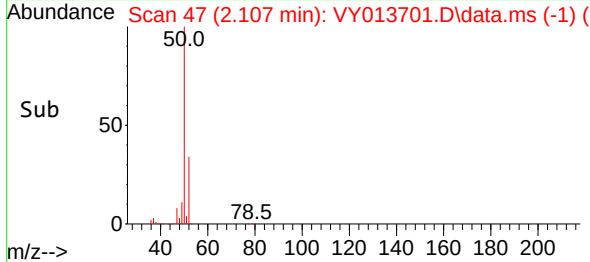
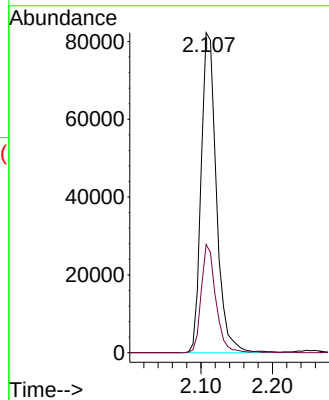
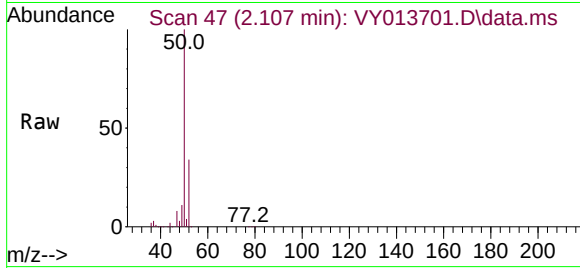




#3
Chloromethane
Concen: 43.901 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

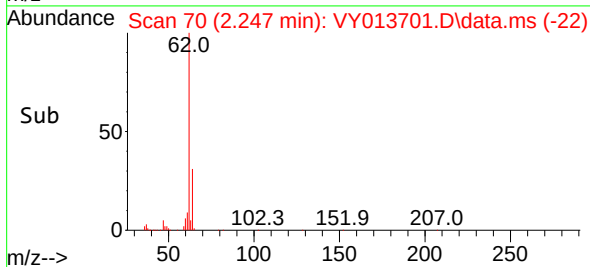
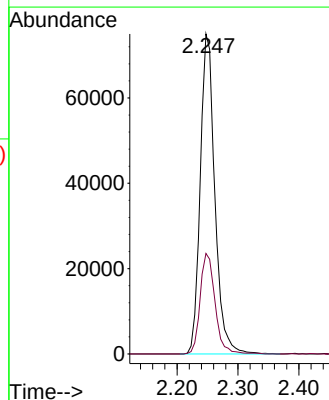
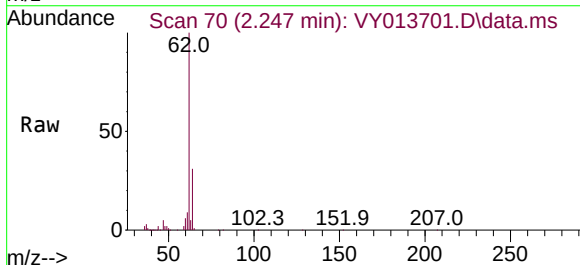
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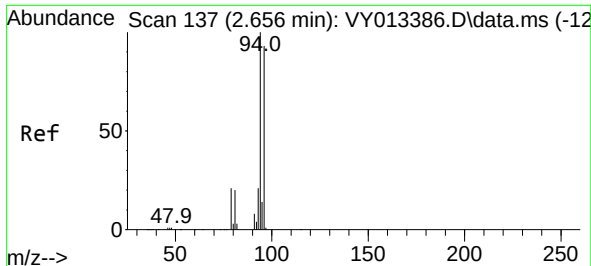
Tgt Ion: 50 Resp: 122148
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



#4
Vinyl Chloride
Concen: 45.004 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 62 Resp: 124677
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

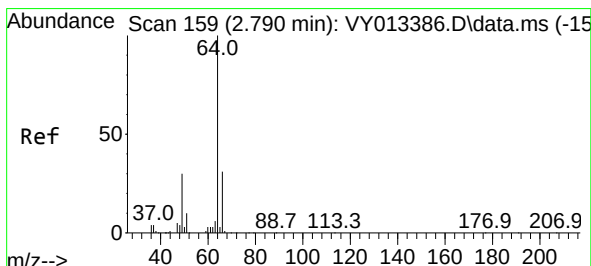
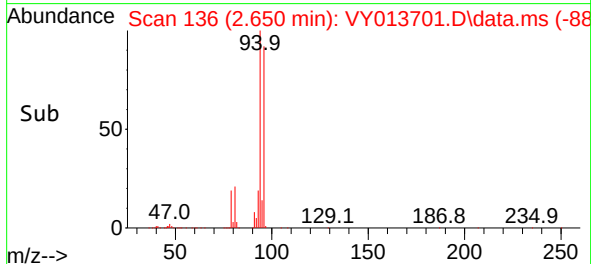
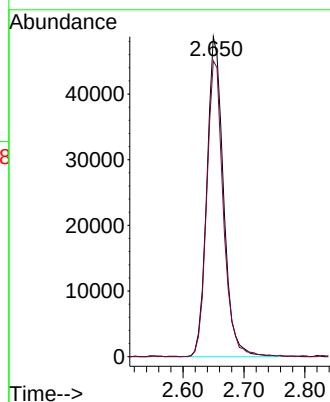
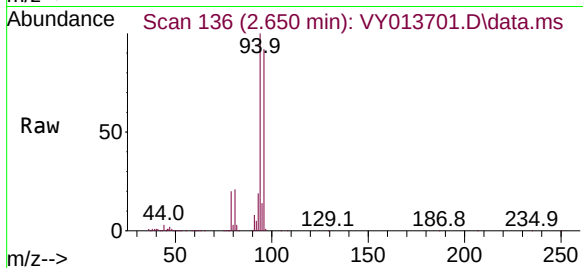




#5
Bromomethane
Concen: 41.873 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

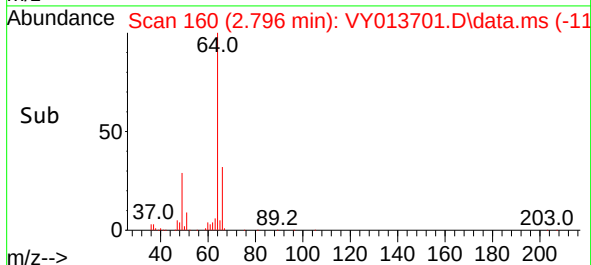
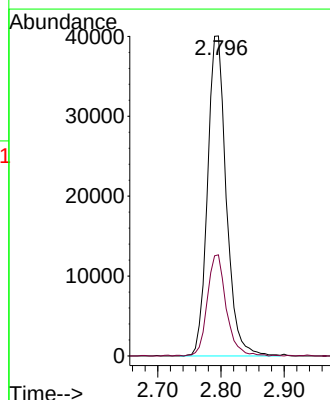
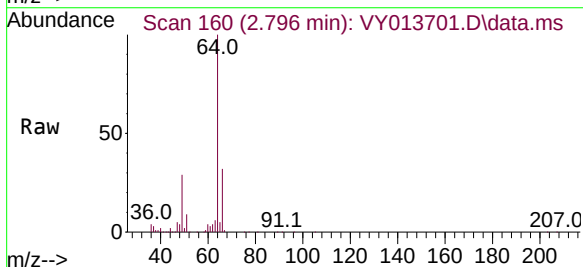
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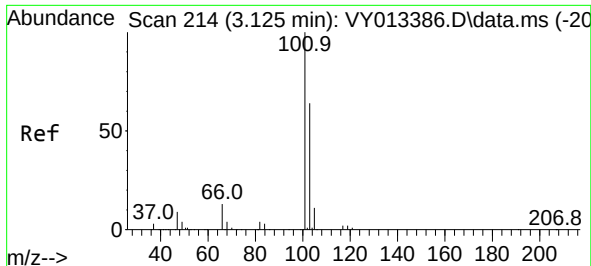
Tgt Ion: 94 Resp: 92442
Ion Ratio Lower Upper
94 100
96 92.4 74.2 111.2



#6
Chloroethane
Concen: 43.067 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 64 Resp: 82423
Ion Ratio Lower Upper
64 100
66 31.5 24.6 37.0

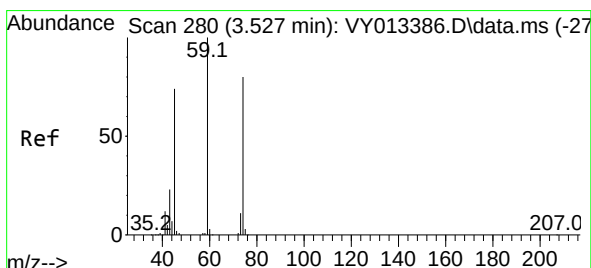
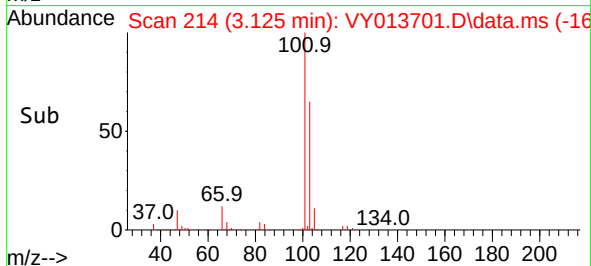
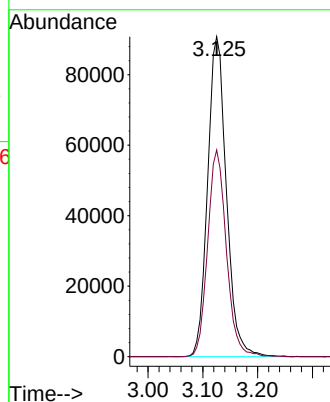
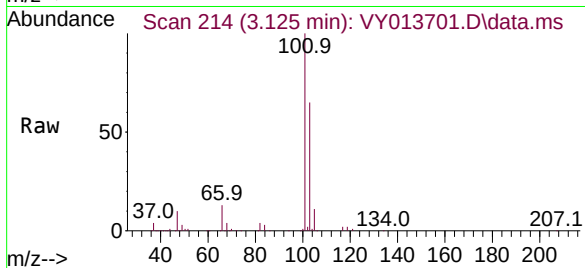




#7
Trichlorofluoromethane
Concen: 51.392 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

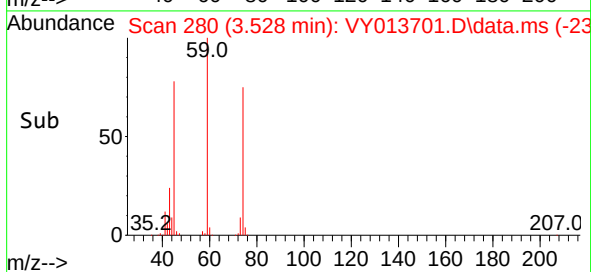
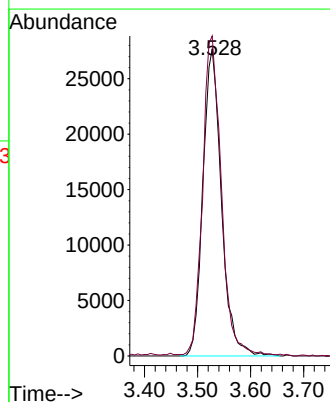
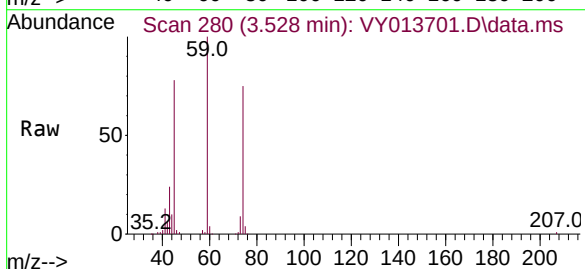
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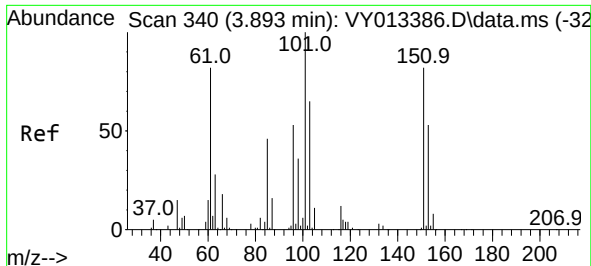
Tgt Ion:101 Resp: 215682
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4



#8
Diethyl Ether
Concen: 46.914 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 74 Resp: 67047
Ion Ratio Lower Upper
74 100
45 103.9 48.2 144.6

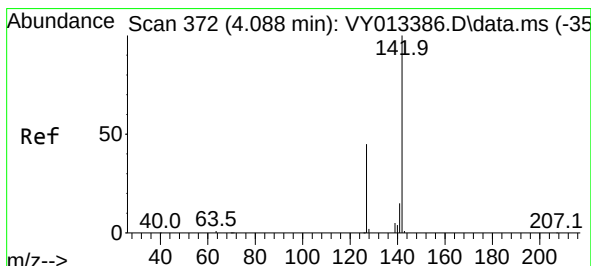
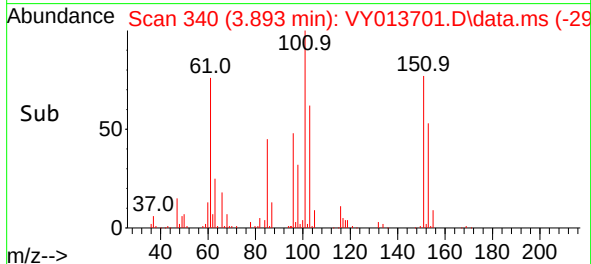
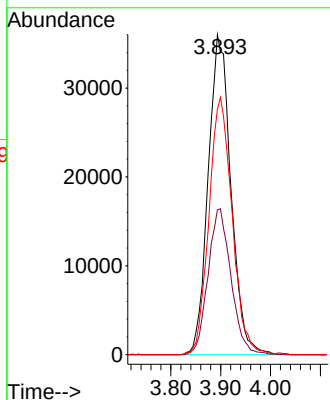
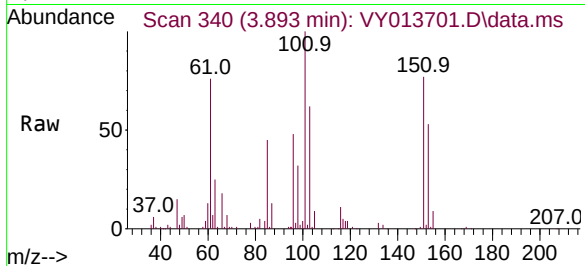




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.489 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

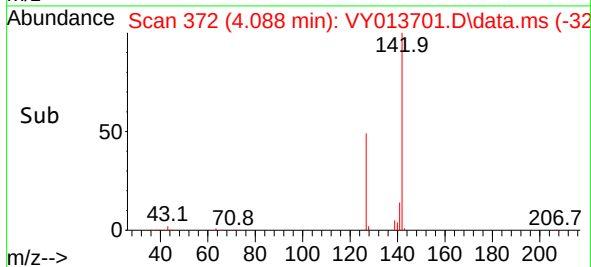
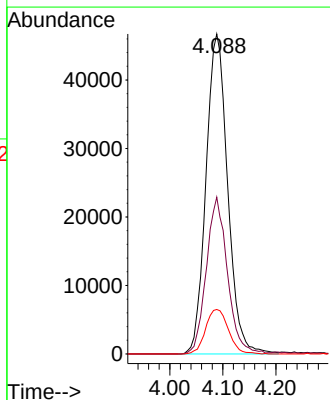
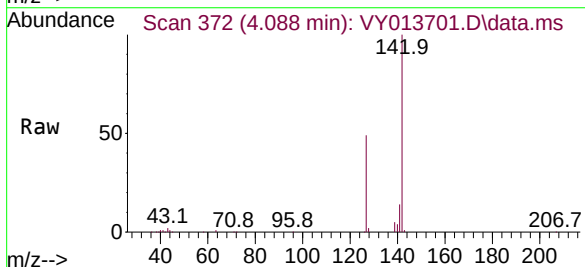
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

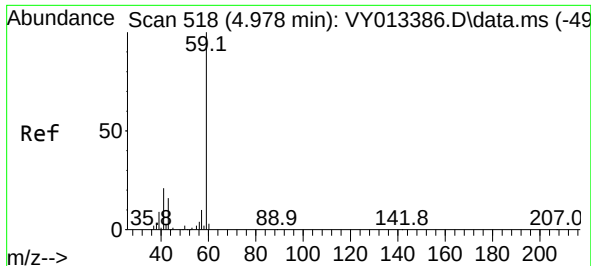
Tgt Ion:101 Resp: 114146
Ion Ratio Lower Upper
101 100
85 46.0 35.6 53.4
151 82.0 68.0 102.0



#10
Methyl Iodide
Concen: 44.893 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:142 Resp: 132732
Ion Ratio Lower Upper
142 100
127 47.8 36.1 54.1
141 14.6 11.6 17.4

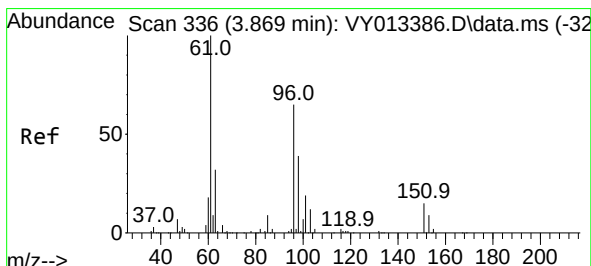
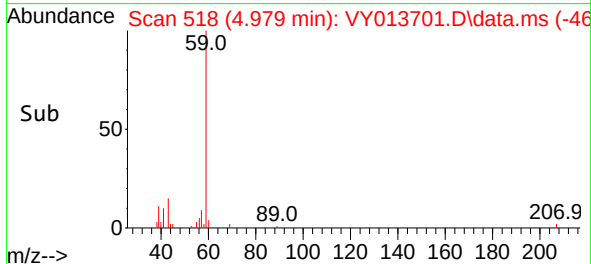
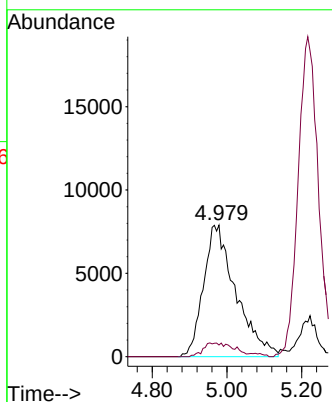
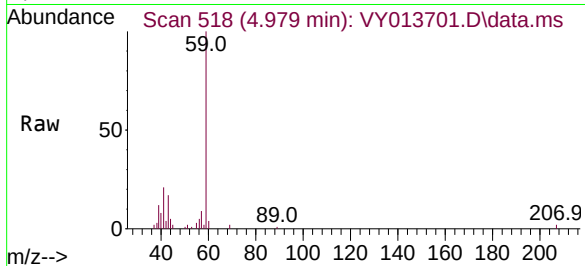




#11
Tert butyl alcohol
Concen: 176.423 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

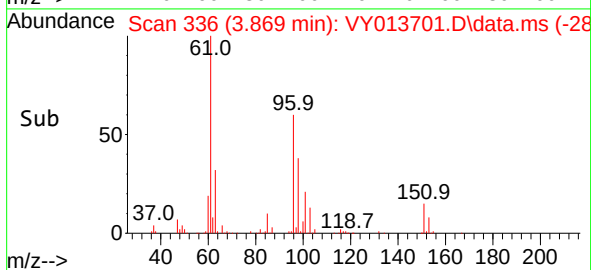
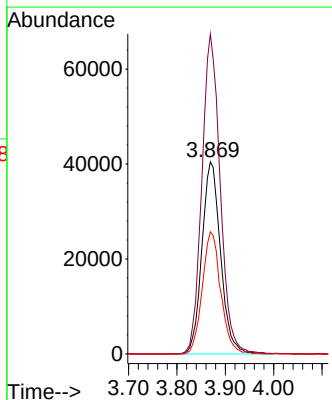
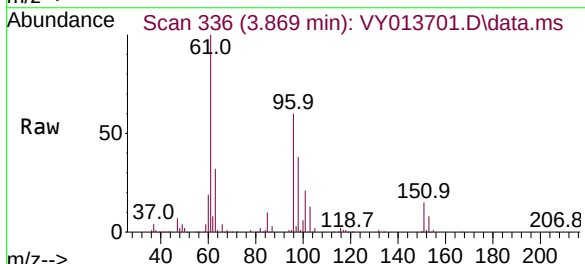
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

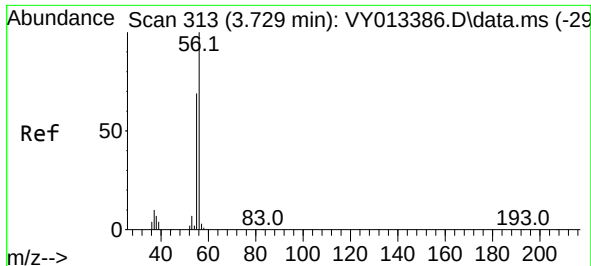
Tgt Ion: 59 Resp: 47509
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.854 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 96 Resp: 108587
Ion Ratio Lower Upper
96 100
61 166.5 123.9 185.9
98 63.6 48.9 73.3





#13

Acrolein

Concen: 96.611 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

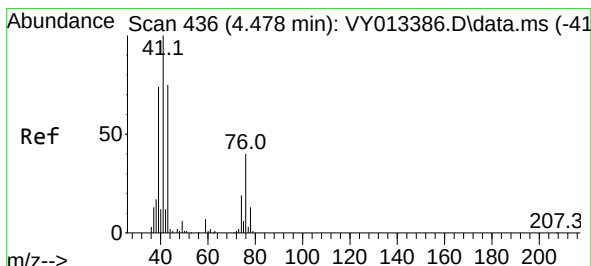
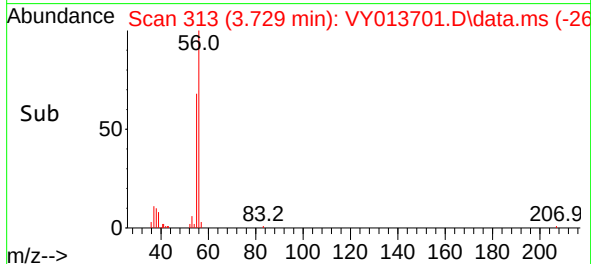
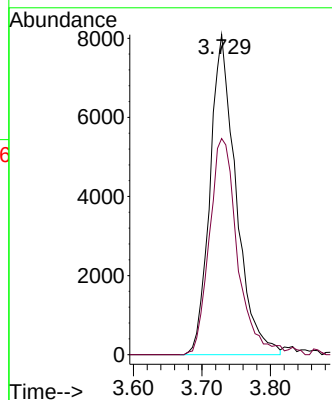
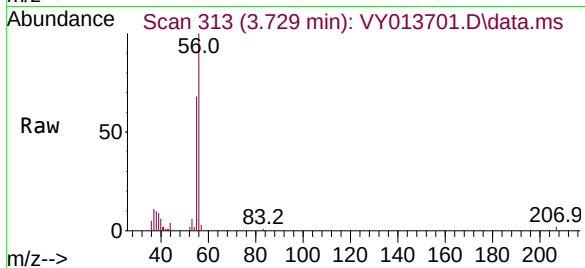
SB-04_0-2_20230509MSD

Tgt Ion: 56 Resp: 21340

Ion Ratio Lower Upper

56 100

55 72.8 54.1 81.1



#14

Allyl chloride

Concen: 47.175 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

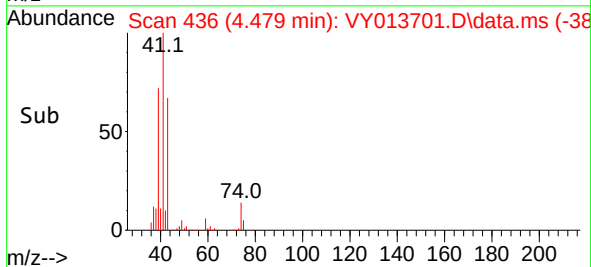
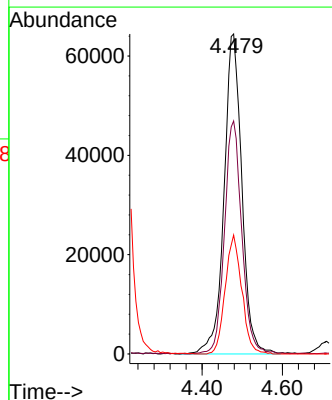
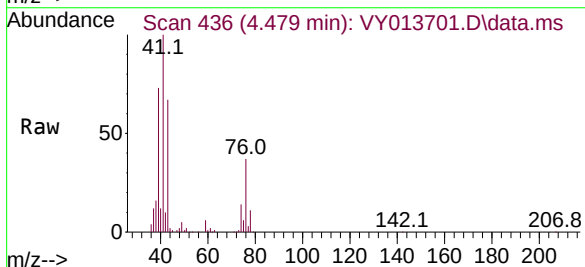
Tgt Ion: 41 Resp: 198626

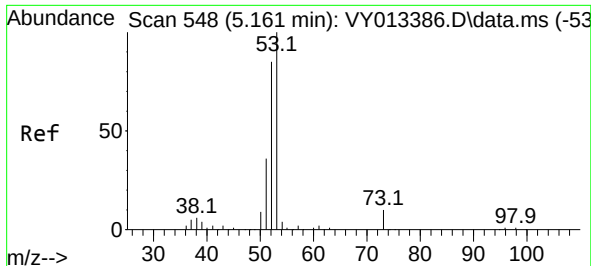
Ion Ratio Lower Upper

41 100

39 71.1 56.6 85.0

76 34.6 30.5 45.7

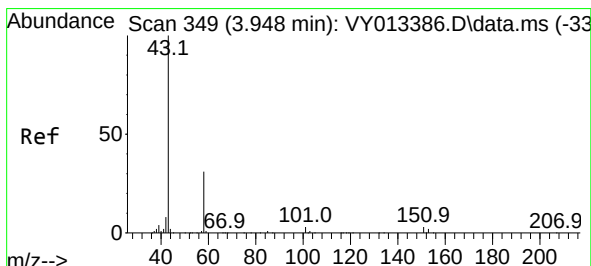
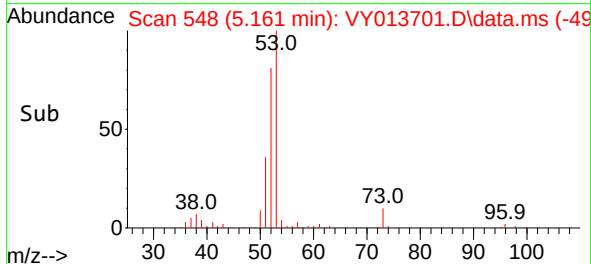
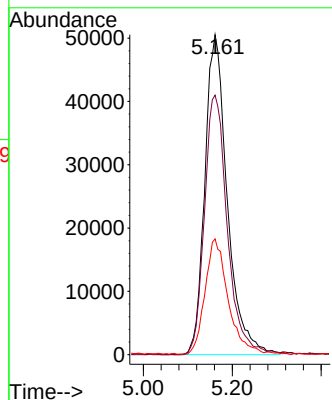
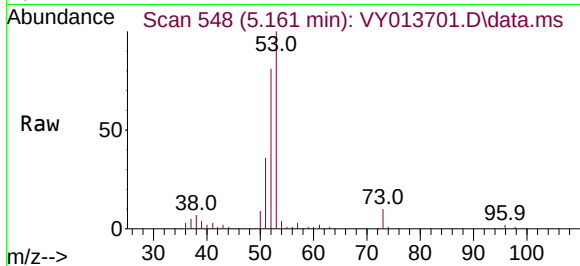




#15
Acrylonitrile
Concen: 222.131 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

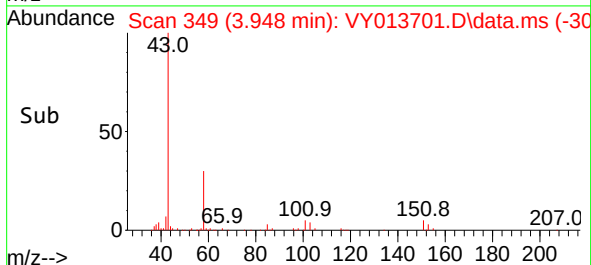
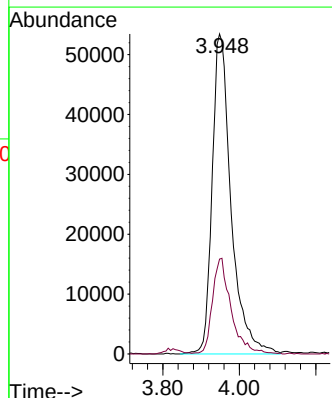
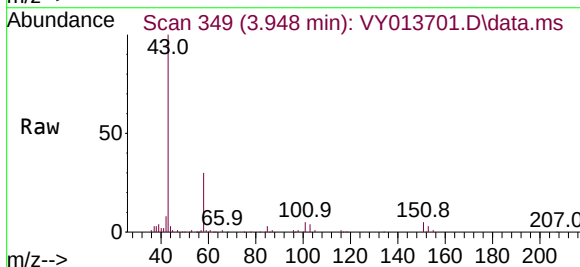
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

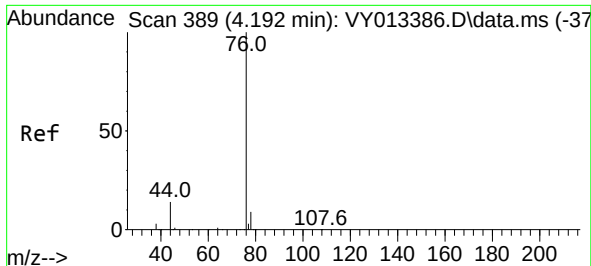
Tgt Ion: 53 Resp: 177788
Ion Ratio Lower Upper
53 100
52 83.0 65.4 98.0
51 36.7 29.3 43.9



#16
Acetone
Concen: 194.944 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 43 Resp: 183748
Ion Ratio Lower Upper
43 100
58 29.4 25.4 38.0

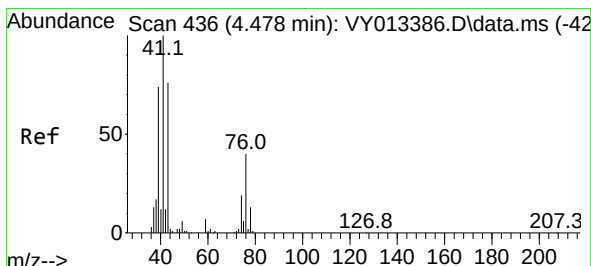
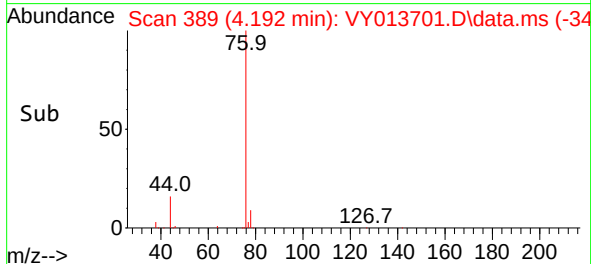
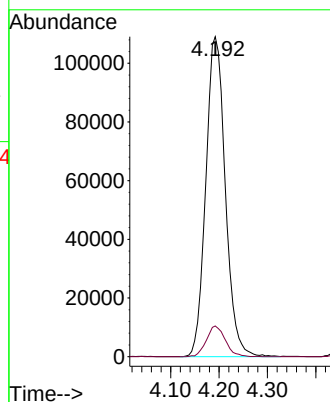
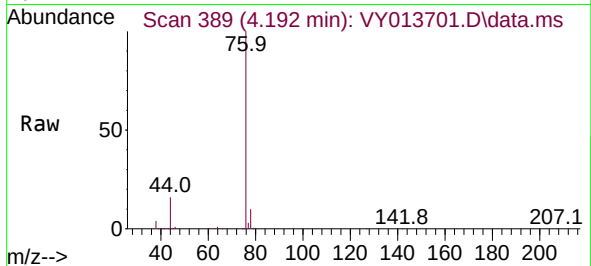




#17
Carbon Disulfide
Concen: 41.532 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

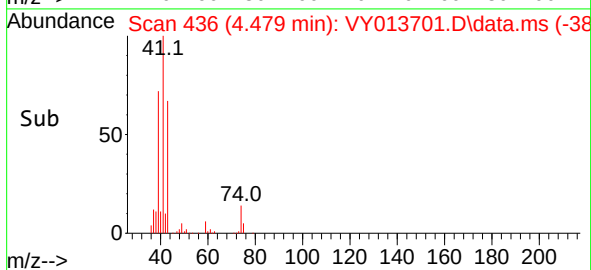
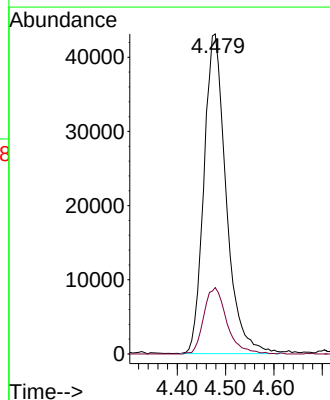
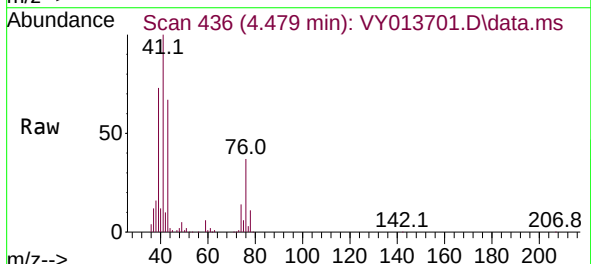
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

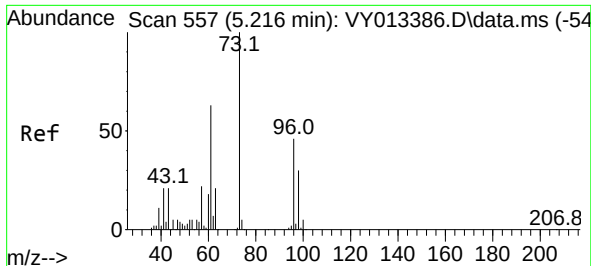
Tgt Ion: 76 Resp: 306125
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 44.224 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 43 Resp: 137675
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2

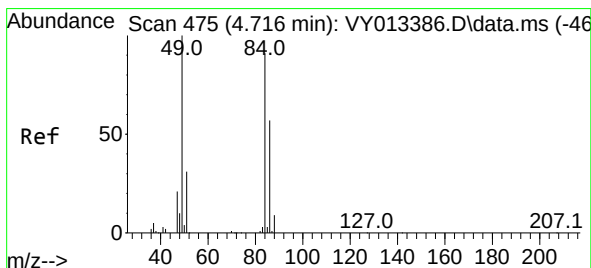
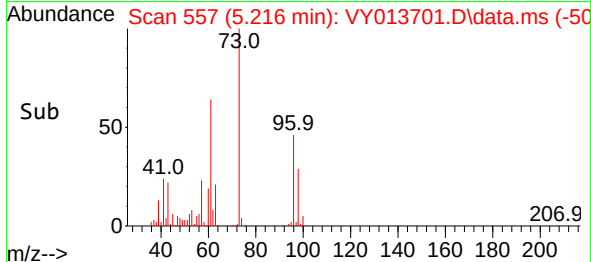
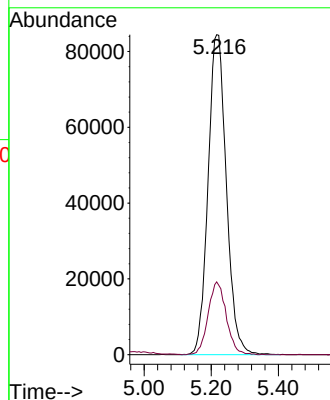
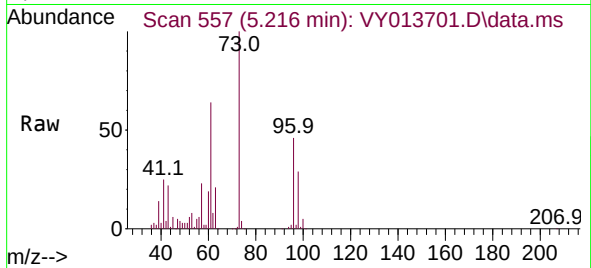




#19
Methyl tert-butyl Ether
Concen: 48.787 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

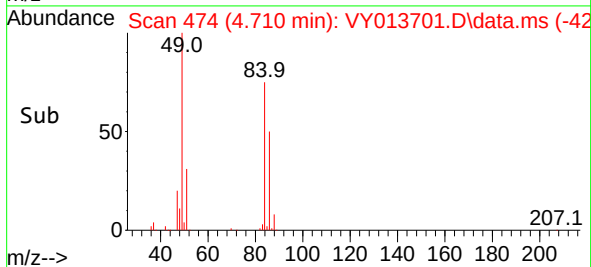
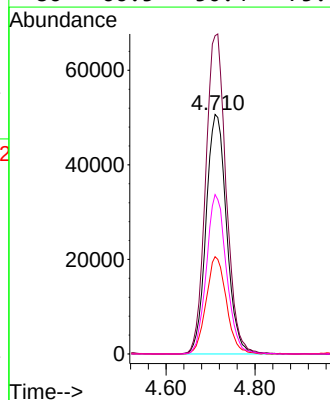
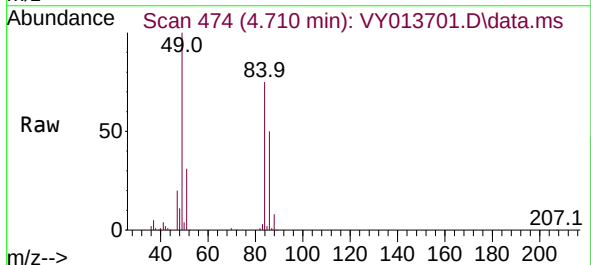
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

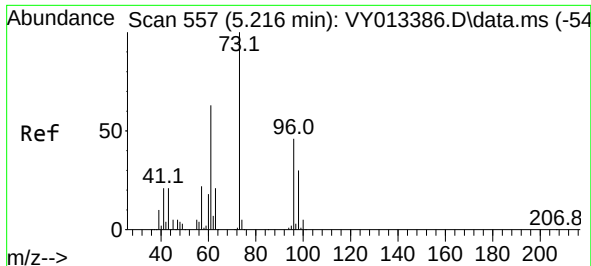
Tgt Ion: 73 Resp: 319600
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 56.013 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 84 Resp: 162524
Ion Ratio Lower Upper
84 100
49 132.9 88.0 132.0#
51 40.6 27.4 41.0
86 66.5 50.4 75.6

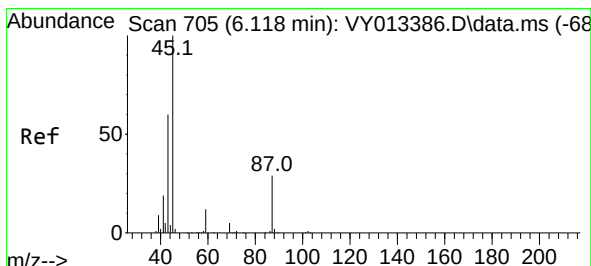
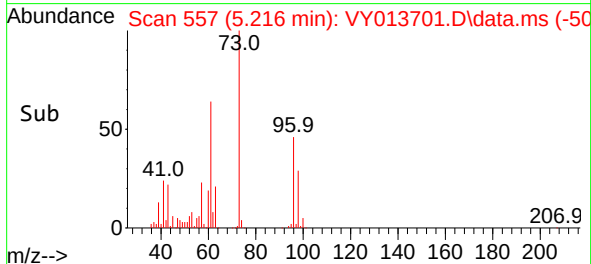
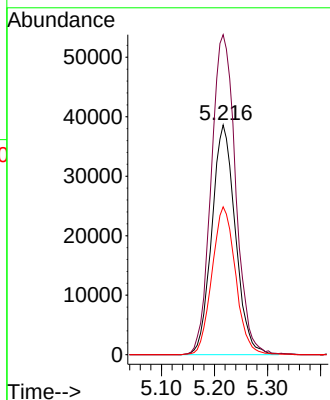
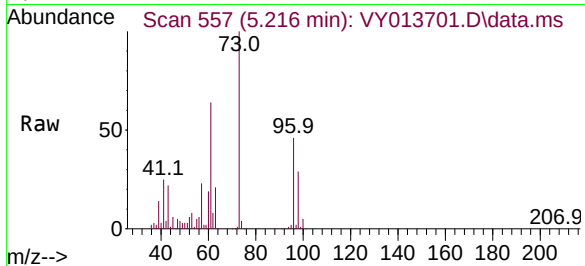




#21
trans-1,2-Dichloroethene
Concen: 48.058 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

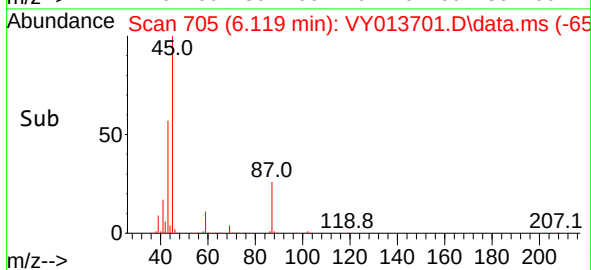
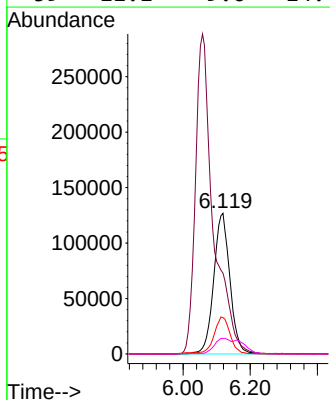
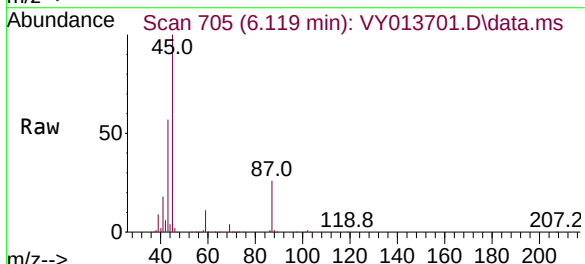
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

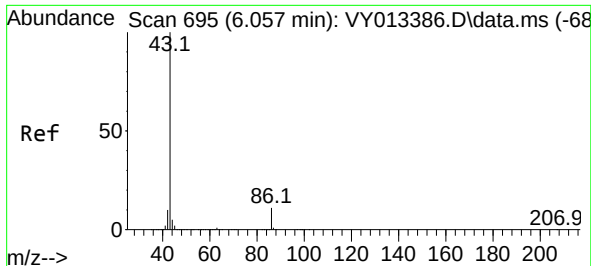
Tgt Ion: 96 Resp: 119233
Ion Ratio Lower Upper
96 100
61 139.3 110.6 165.8
98 64.3 53.1 79.7



#22
Diisopropyl ether
Concen: 51.609 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 45 Resp: 424718
Ion Ratio Lower Upper
45 100
43 57.4 48.4 72.6
87 25.9 23.8 35.6
59 11.1 9.6 14.4

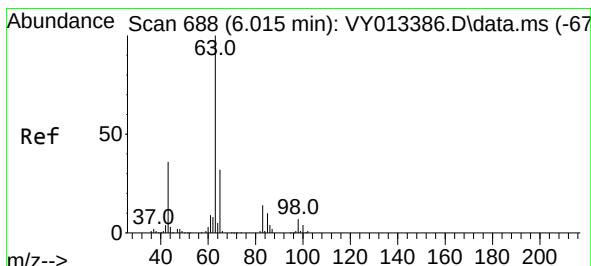
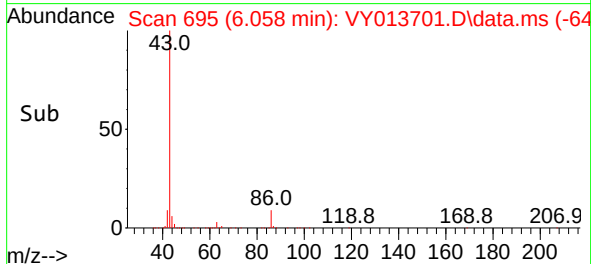
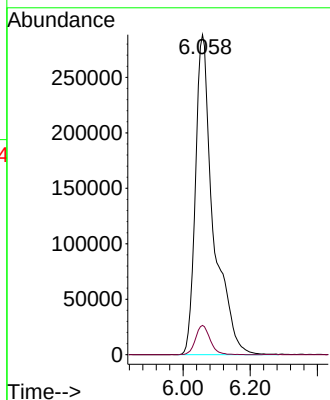
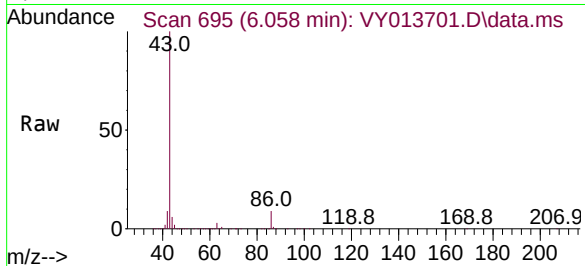




#23
 Vinyl Acetate
 Concen: 228.789 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013701.D
 Acq: 10 May 2023 20:23

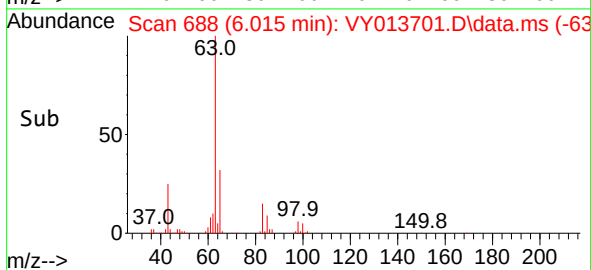
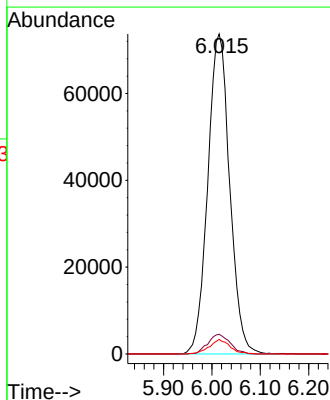
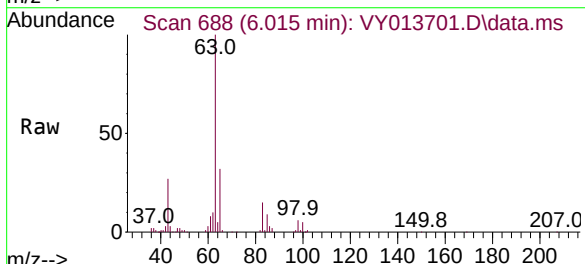
Instrument :
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 ClientSampleId :
 SB-04_0-2_20230509MSD

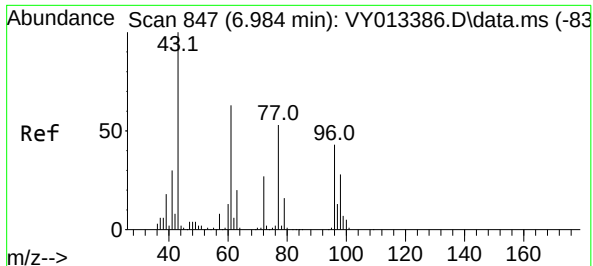
Tgt Ion: 43 Resp: 1066049
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.584 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013701.D
 Acq: 10 May 2023 20:23

Tgt Ion: 63 Resp: 232008
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.6 2.2 6.6

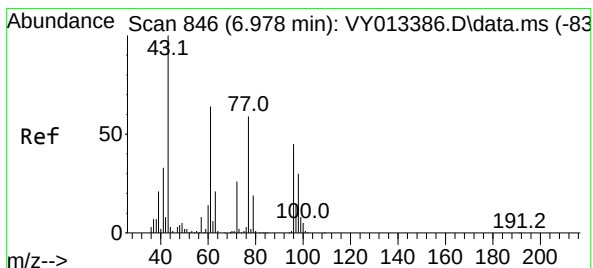
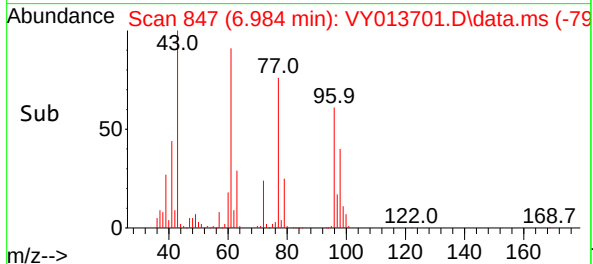
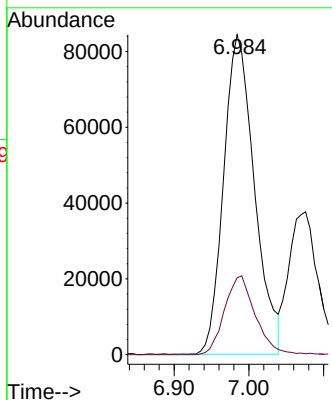
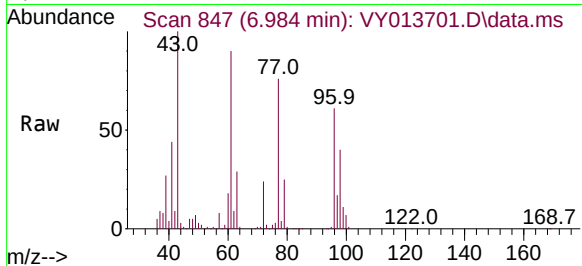




#25
2-Butanone
Concen: 202.422 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

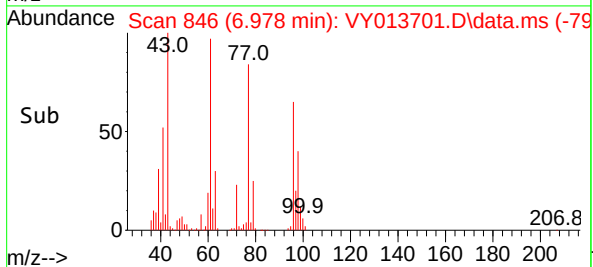
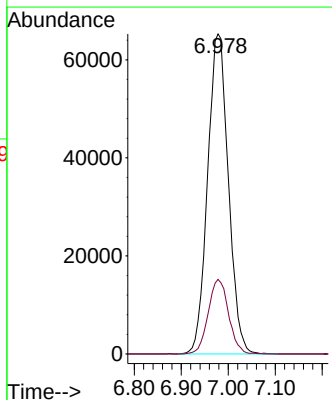
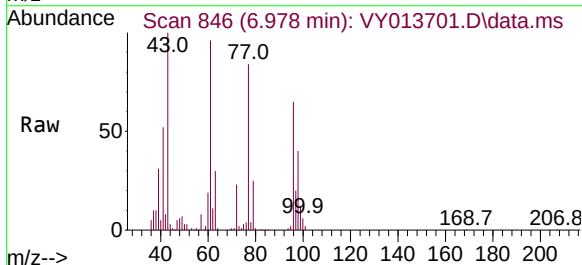
Instrument :
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ClientSampleId :
SB-04_0-2_20230509MSD

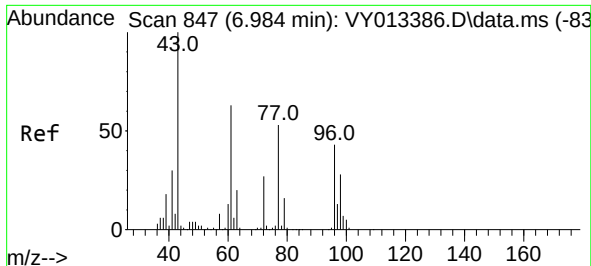
Tgt Ion: 43 Resp: 241971
Ion Ratio Lower Upper
43 100
72 24.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 50.634 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 77 Resp: 200120
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4

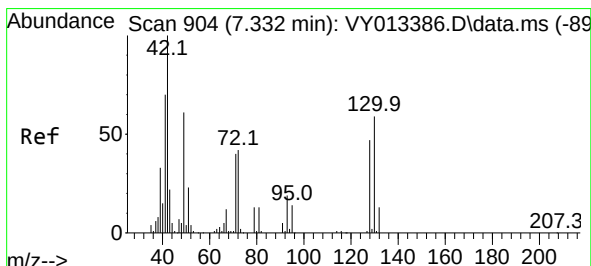
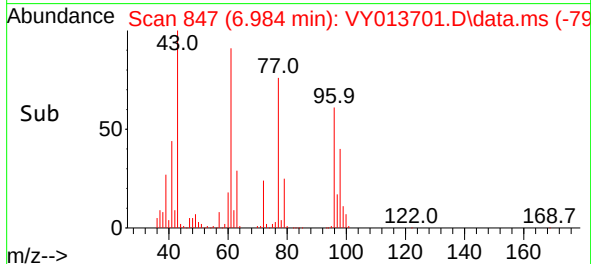
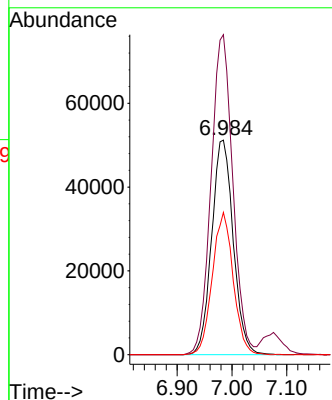
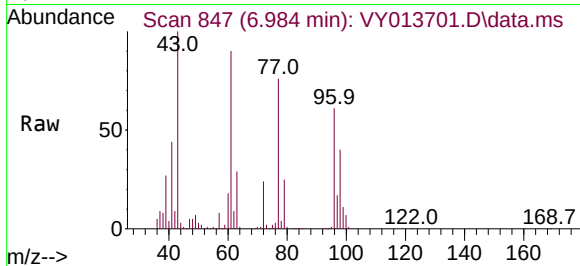




#27
 cis-1,2-Dichloroethene
 Concen: 51.083 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013701.D
 Acq: 10 May 2023 20:23

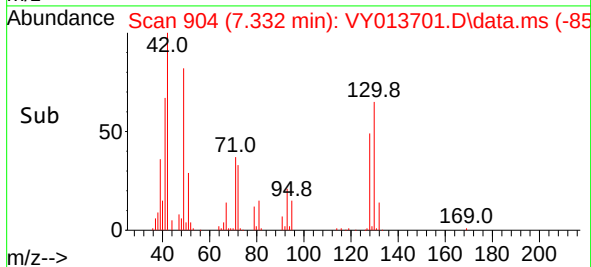
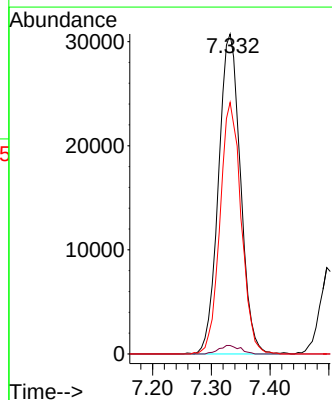
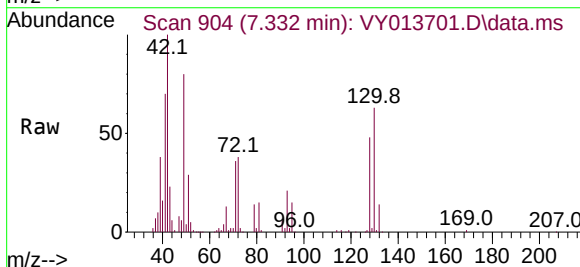
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509MSD

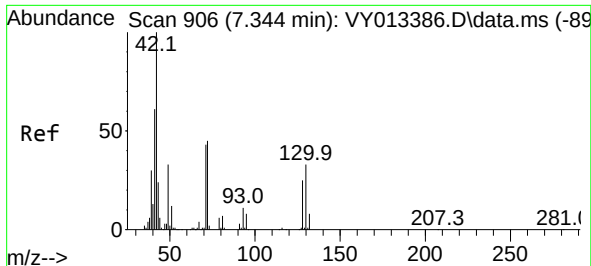
Tgt Ion: 96 Resp: 140030
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 285.0
 98 64.2 0.0 130.6



#28
 Bromochloromethane
 Concen: 48.982 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013701.D
 Acq: 10 May 2023 20:23

Tgt Ion: 49 Resp: 79724
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 75.9 72.1 108.1





#29

Tetrahydrofuran

Concen: 204.072 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013701.D

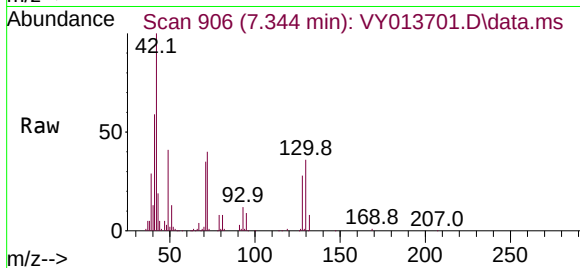
Acq: 10 May 2023 20:23

Instrument :

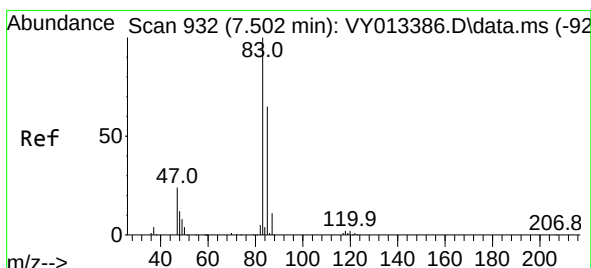
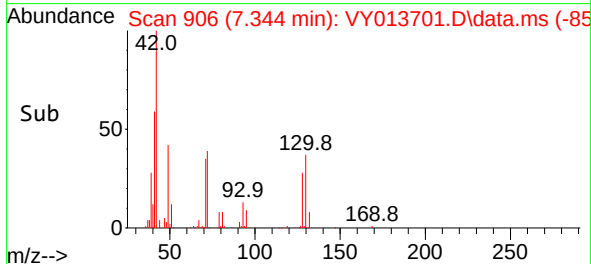
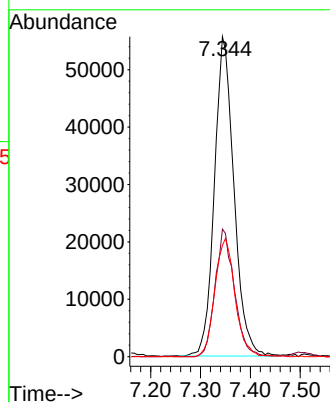
MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD



Tgt Ion:	42	Resp:	151850
Ion Ratio	100	Lower	Upper
72	39.2	35.9	53.9
71	38.0	34.3	51.5



#30

Chloroform

Concen: 53.953 ug/l

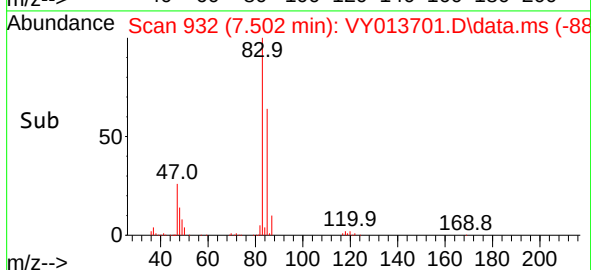
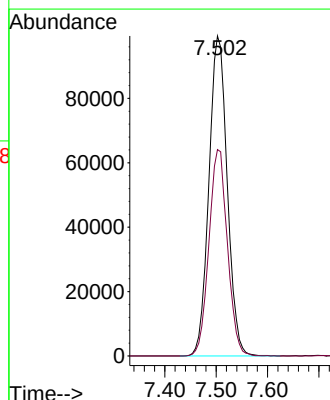
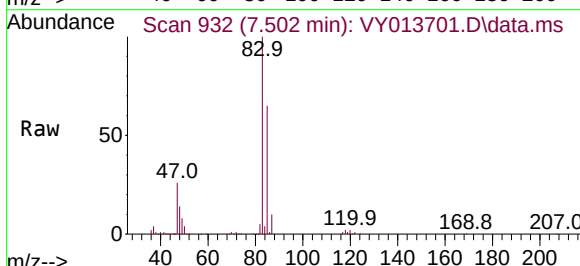
RT: 7.502 min Scan# 932

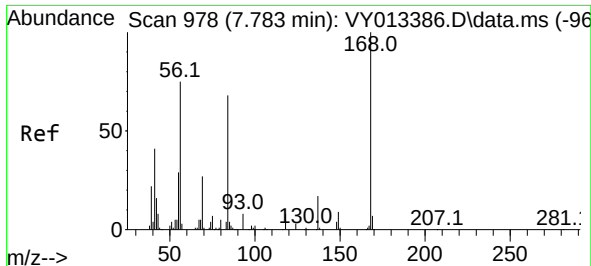
Delta R.T. 0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

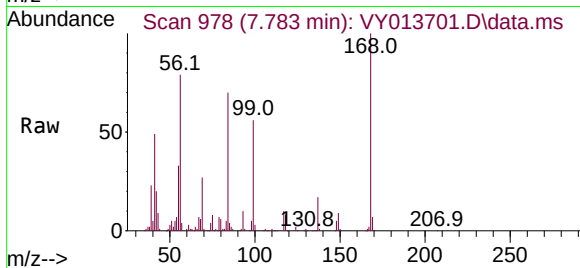
Tgt Ion:	83	Resp:	246037
Ion Ratio	100	Lower	Upper
85	64.5	52.0	78.0



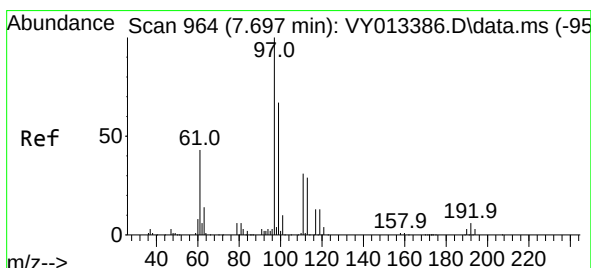
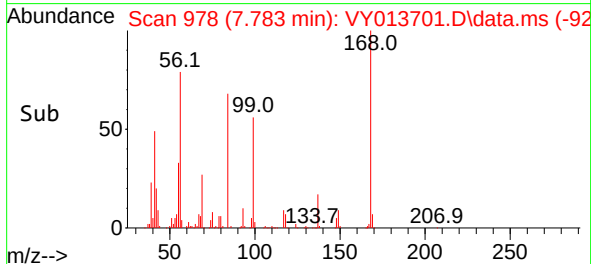
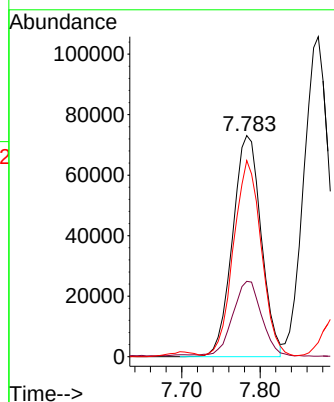


#31
Cyclohexane
Concen: 43.263 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

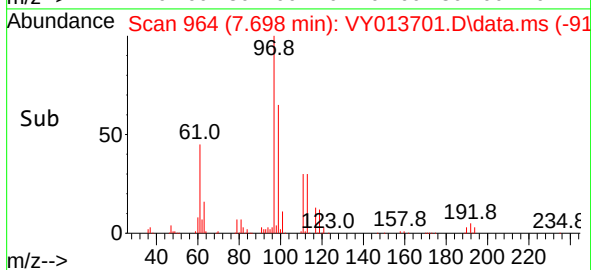
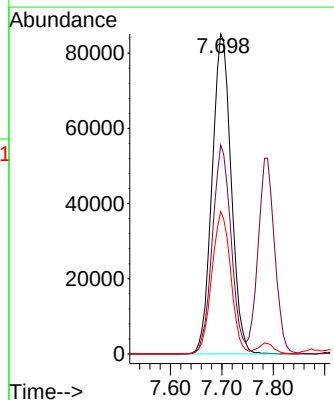
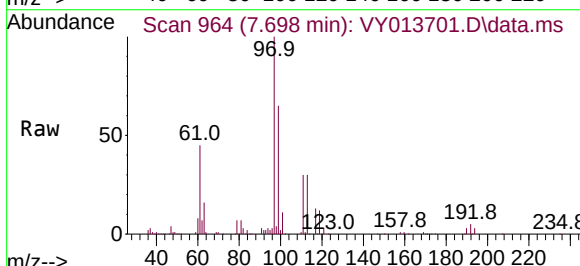


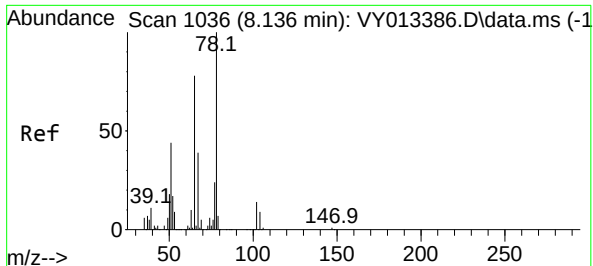
Tgt Ion: 56 Resp: 185396
Ion Ratio Lower Upper
56 100
69 33.2 29.2 43.8
84 86.5 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.807 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 97 Resp: 218956
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 44.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.516 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

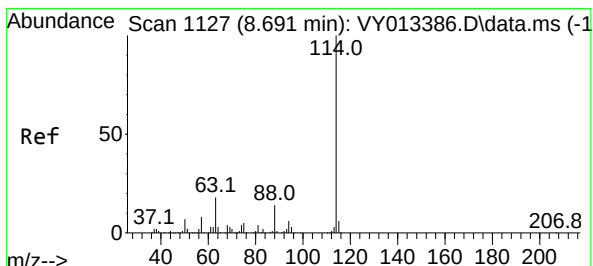
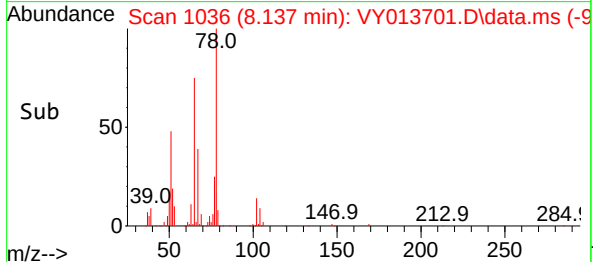
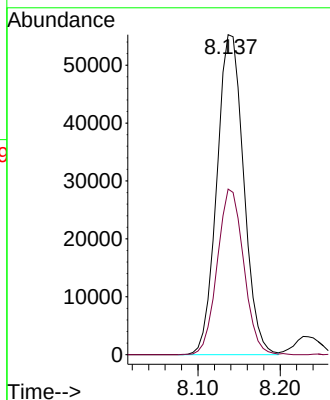
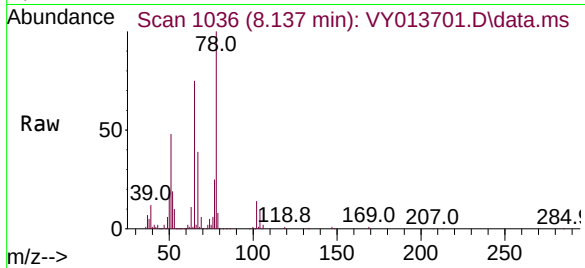
SB-04_0-2_20230509MSD

Tgt Ion: 65 Resp: 125694

Ion Ratio Lower Upper

65 100

67 50.9 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: VY013701.D

Acq: 10 May 2023 20:23

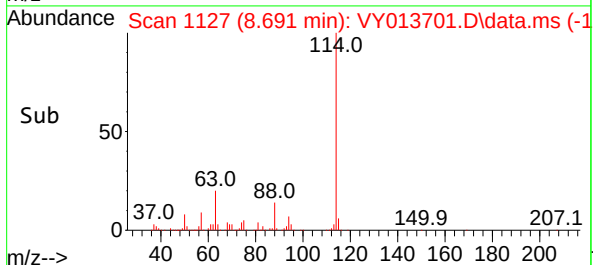
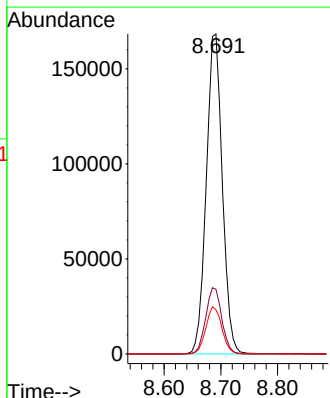
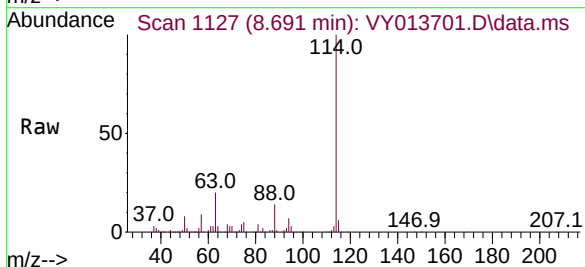
Tgt Ion: 114 Resp: 330702

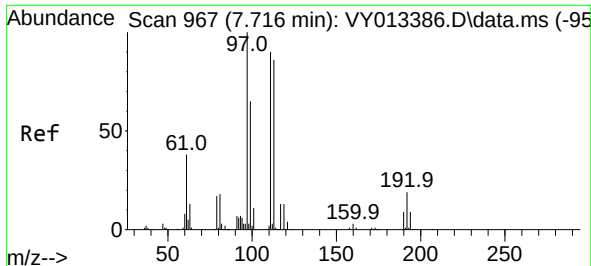
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.6

88 13.8 0.0 28.8

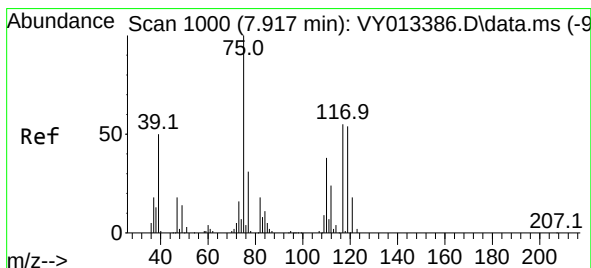
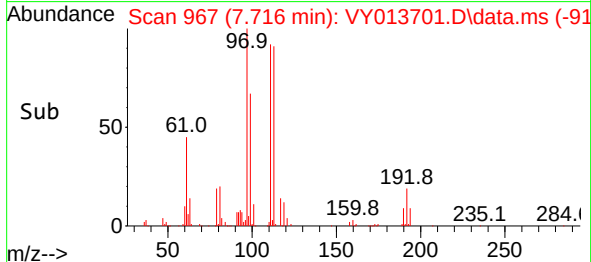
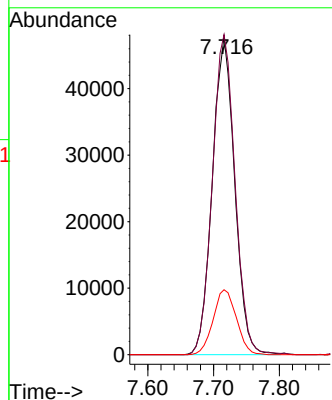
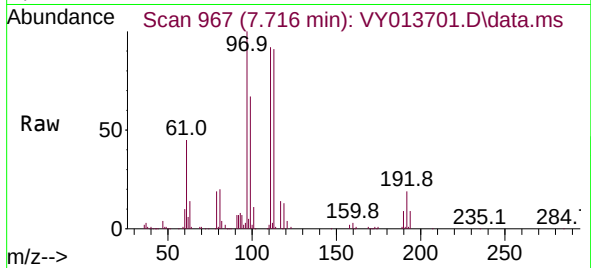




#35
Dibromofluoromethane
Concen: 54.256 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

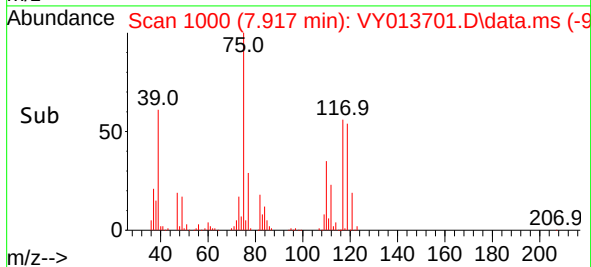
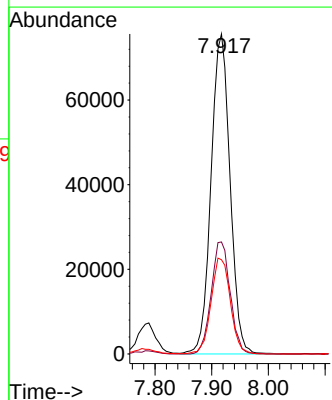
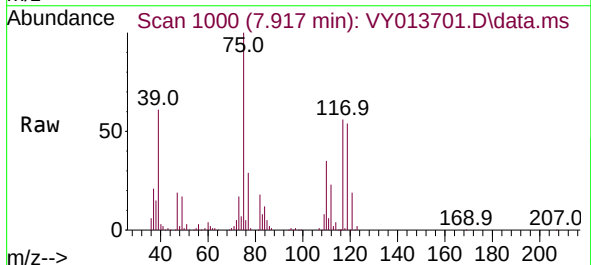
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

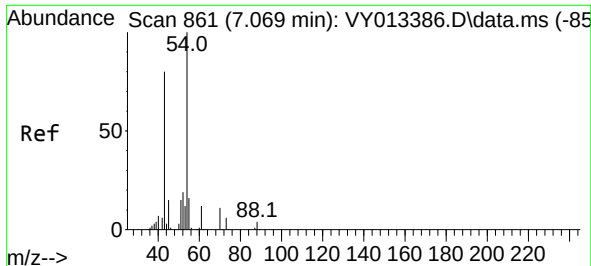
Tgt Ion:113 Resp: 112851
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 50.943 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 75 Resp: 175855
Ion Ratio Lower Upper
75 100
110 35.0 18.7 56.1
77 30.5 24.6 37.0

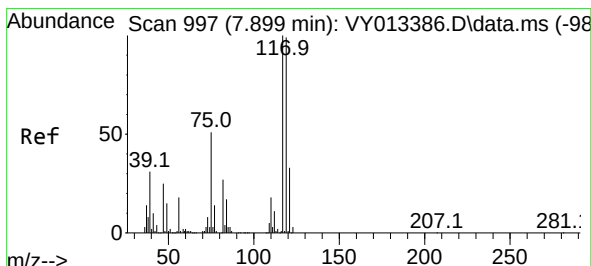
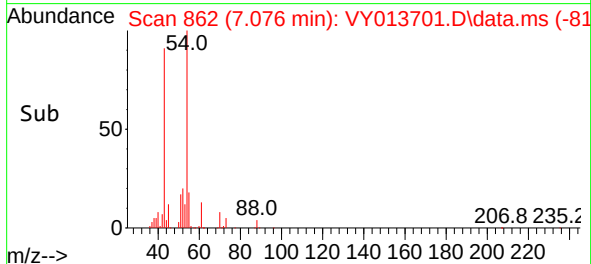
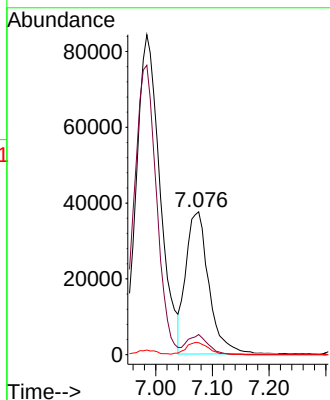
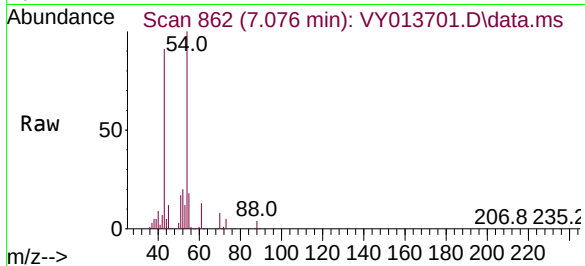




#37
Ethyl Acetate
Concen: 40.519 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

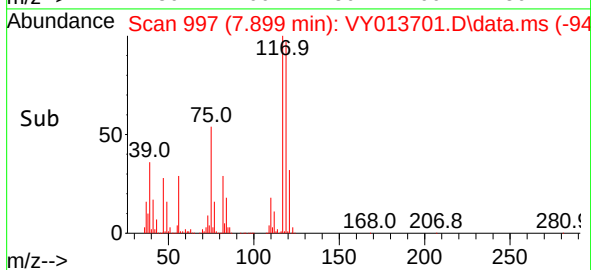
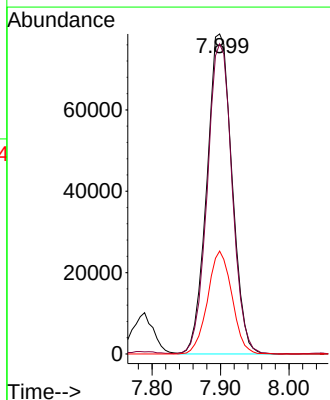
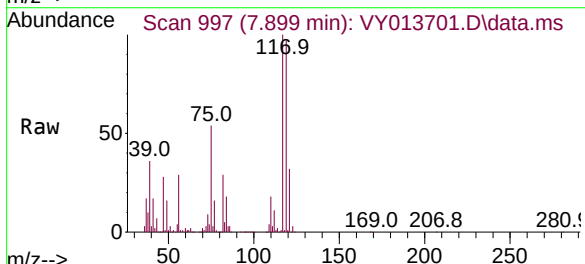
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

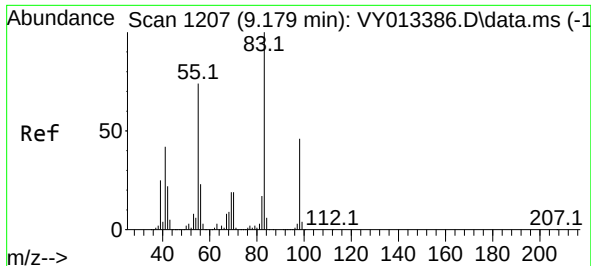
Tgt Ion: 43 Resp: 105259
Ion Ratio Lower Upper
43 100
61 12.8 11.4 17.0
70 8.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 55.450 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 117 Resp: 200622
Ion Ratio Lower Upper
117 100
119 96.9 79.0 118.6
121 32.1 26.6 40.0





#39

Methylcyclohexane

Concen: 47.089 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

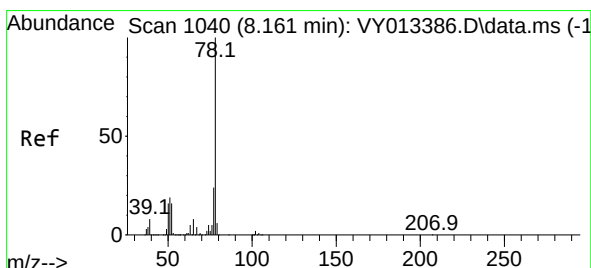
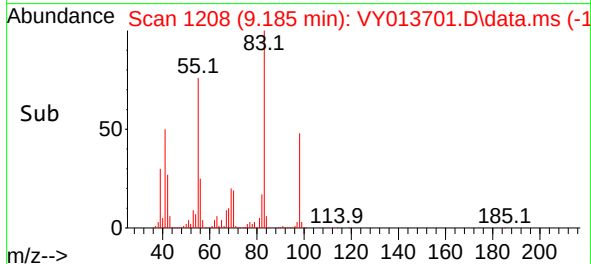
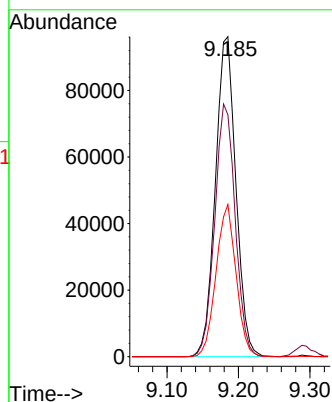
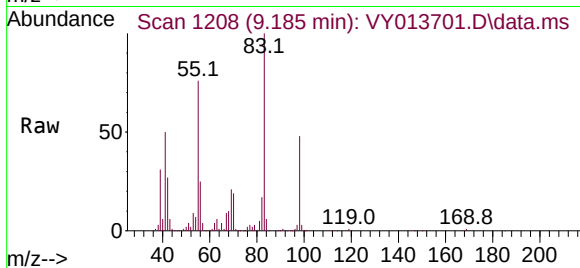
Tgt Ion: 83 Resp: 191631

Ion Ratio Lower Upper

83 100

55 75.6 59.0 88.4

98 47.6 37.0 55.4



#40

Benzene

Concen: 52.345 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013701.D

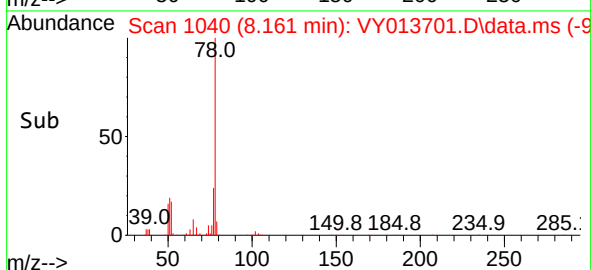
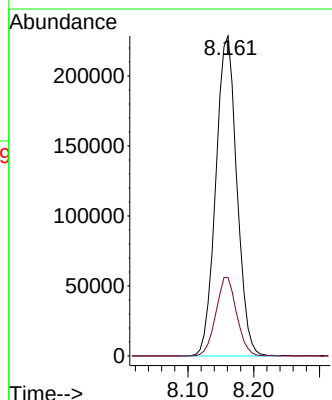
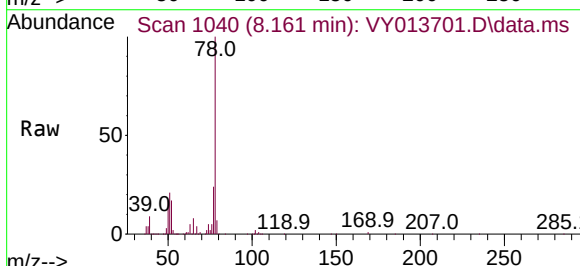
Acq: 10 May 2023 20:23

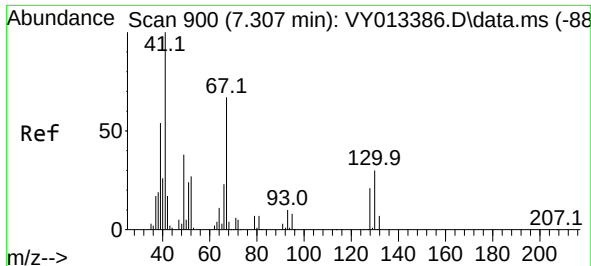
Tgt Ion: 78 Resp: 508996

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8

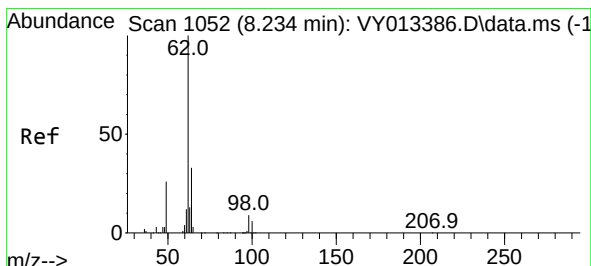
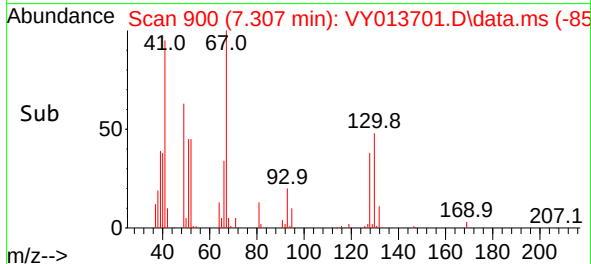
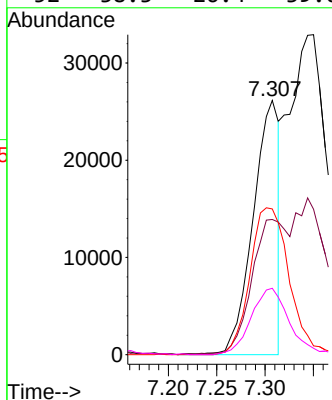
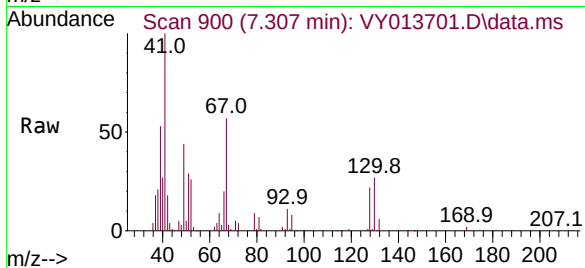




#41
Methacrylonitrile
Concen: 40.453 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

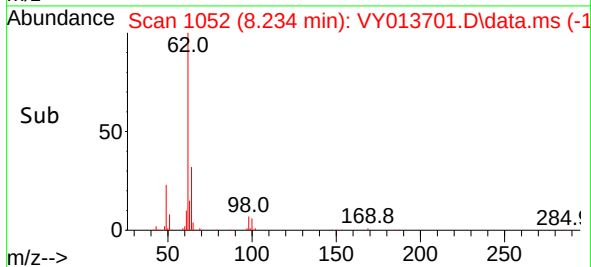
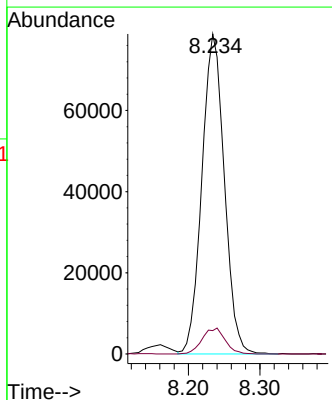
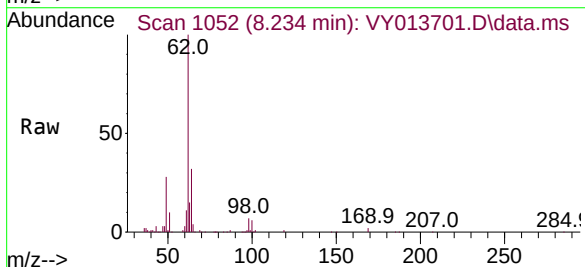
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

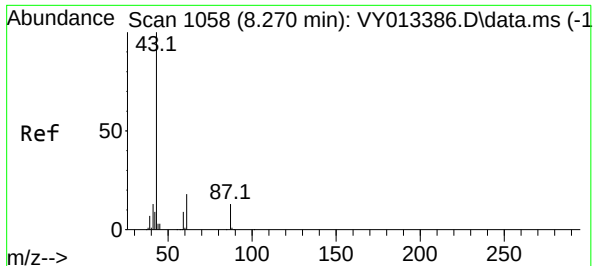
Tgt Ion:	41	Resp:	48969
Ion	Ratio	Lower	Upper
41	100		
39	75.5	44.2	66.4
67	87.3	62.9	94.3
52	38.3	26.4	39.6



#42
1,2-Dichloroethane
Concen: 54.067 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:	62	Resp:	171881
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 44.880 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

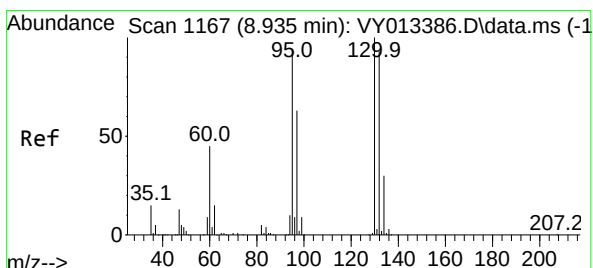
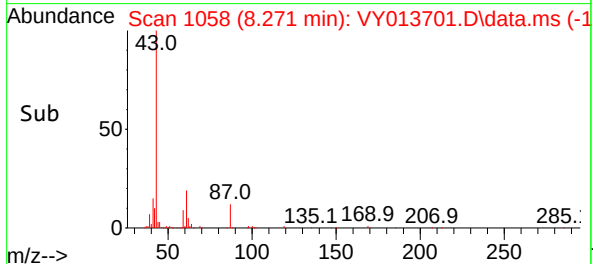
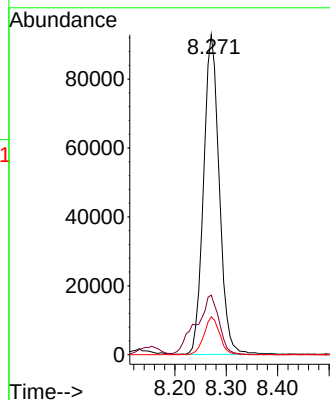
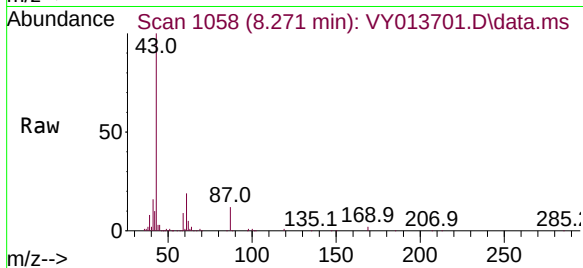
Tgt Ion: 43 Resp: 196786

Ion Ratio Lower Upper

43 100

61 27.3 22.2 33.4

87 11.8 11.0 16.6



#44

Trichloroethene

Concen: 52.034 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013701.D

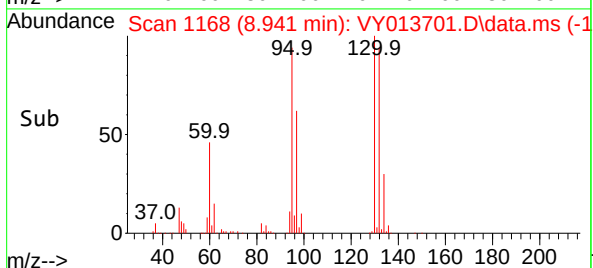
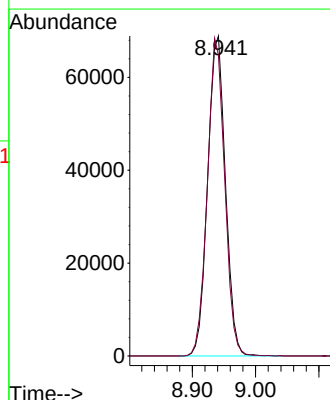
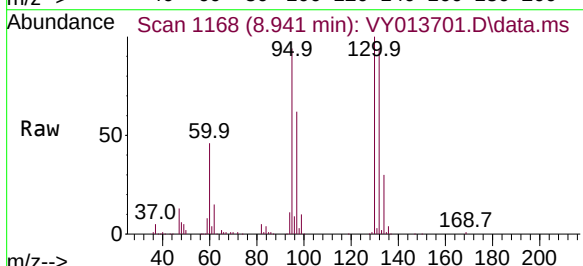
Acq: 10 May 2023 20:23

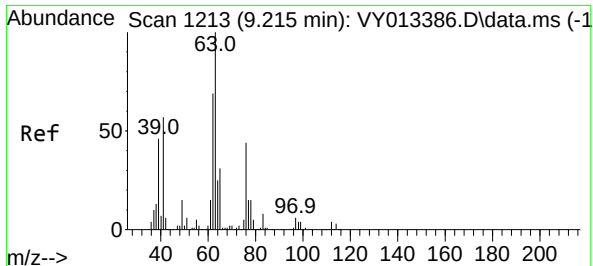
Tgt Ion:130 Resp: 134589

Ion Ratio Lower Upper

130 100

95 94.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 52.841 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

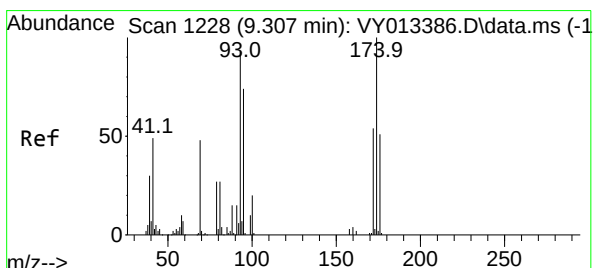
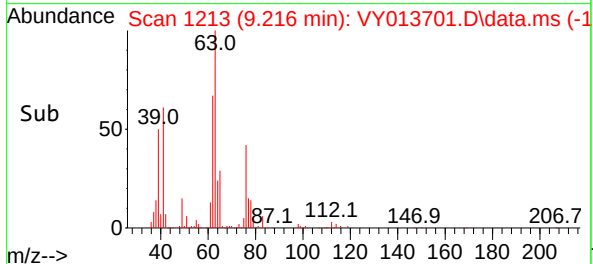
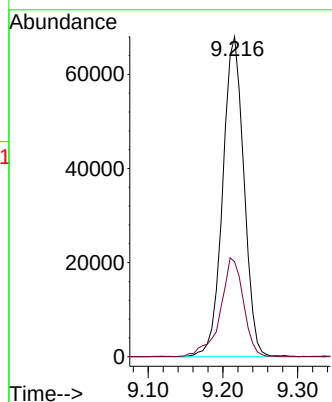
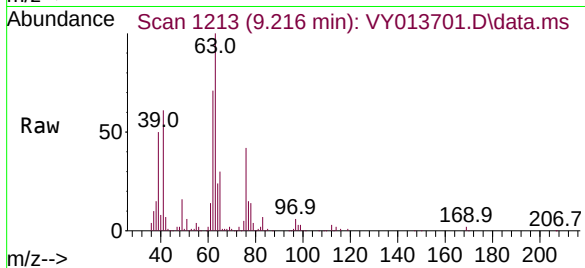
SB-04_0-2_20230509MSD

Tgt Ion: 63 Resp: 134346

Ion Ratio Lower Upper

63 100

65 29.7 24.6 37.0



#46

Dibromomethane

Concen: 50.428 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

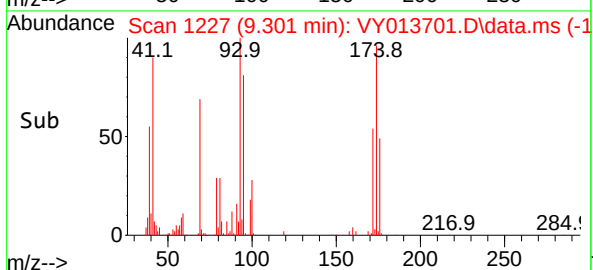
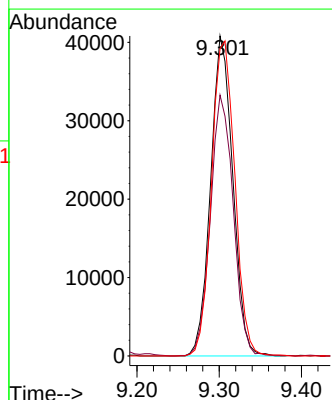
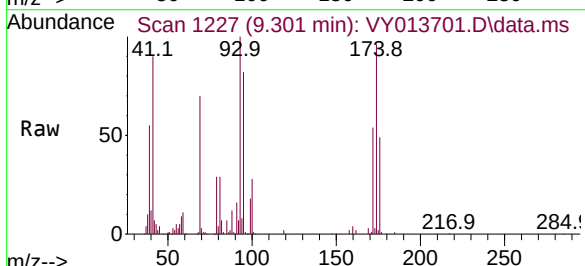
Tgt Ion: 93 Resp: 76713

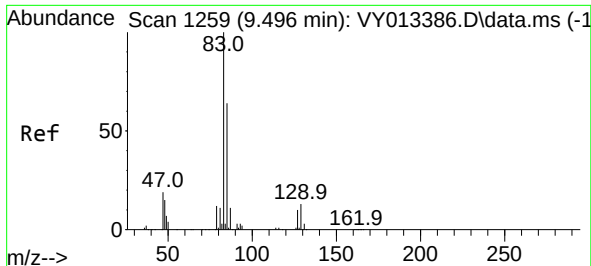
Ion Ratio Lower Upper

93 100

95 83.7 67.1 100.7

174 103.2 87.0 130.4

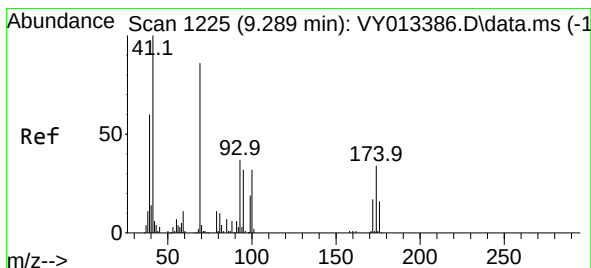
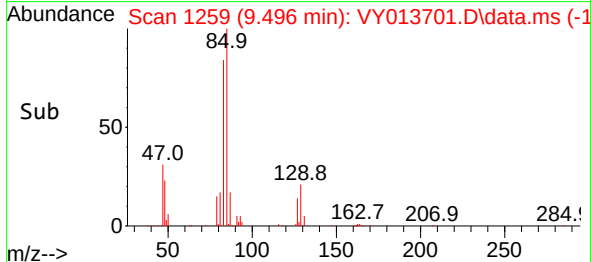
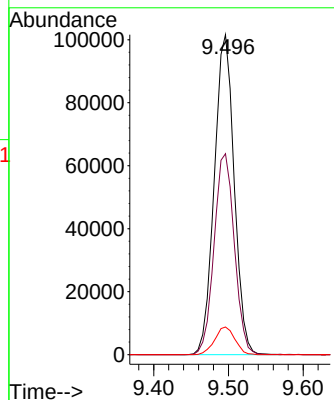
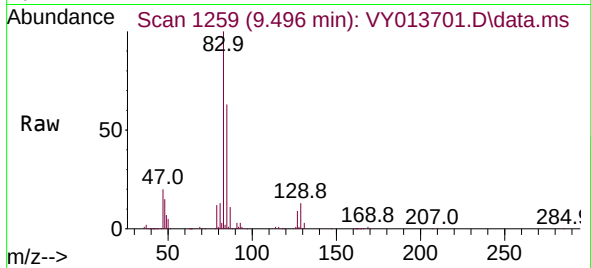




#47
Bromodichloromethane
Concen: 55.187 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

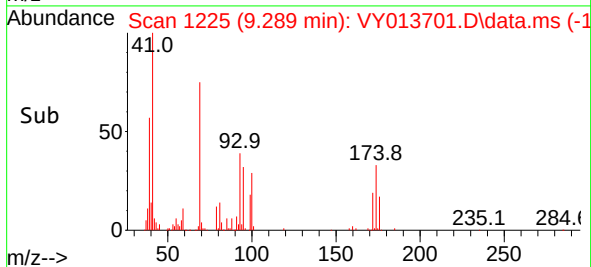
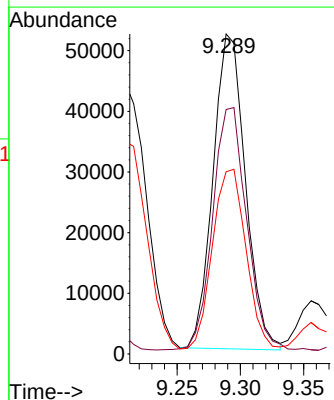
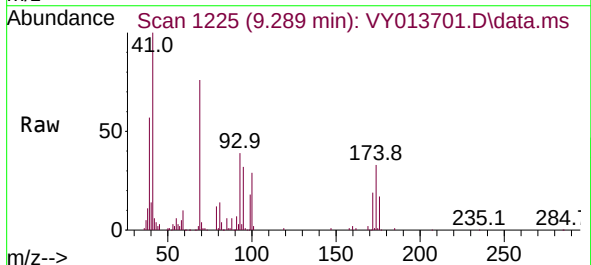
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

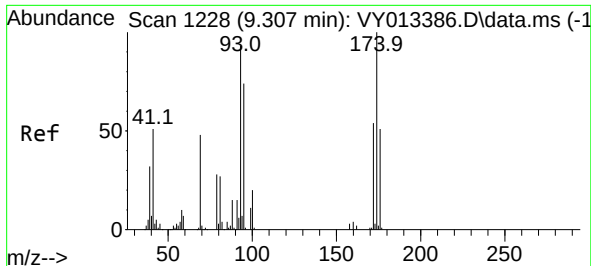
Tgt Ion: 83 Resp: 187854
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.2
127 8.6 8.1 12.1



#48
Methyl methacrylate
Concen: 45.807 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 41 Resp: 92244
Ion Ratio Lower Upper
41 100
69 81.8 70.2 105.4
39 62.8 47.9 71.9





#49

1,4-Dioxane

Concen: 838.976 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

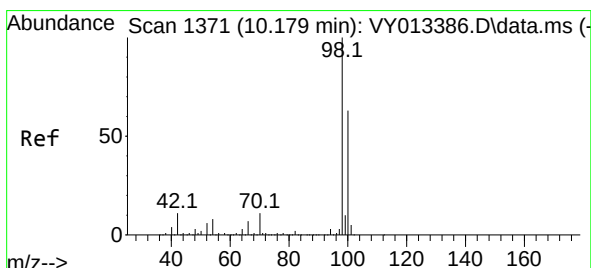
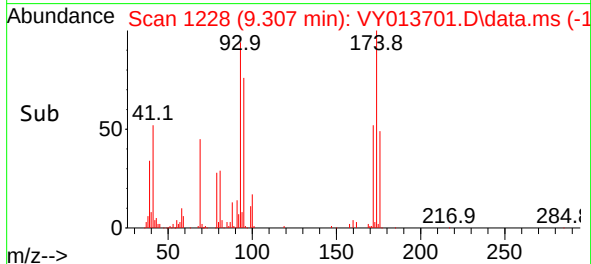
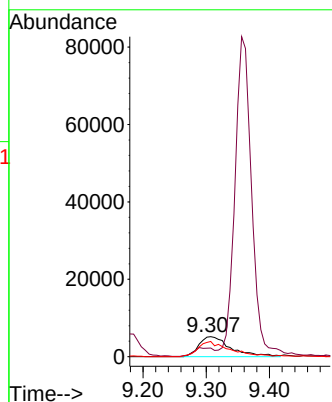
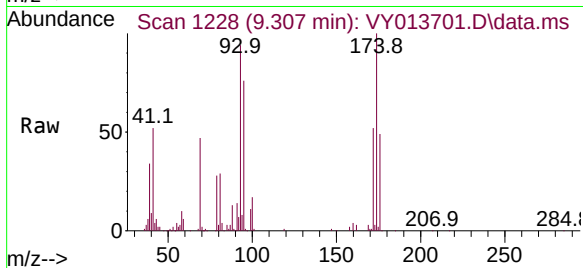
Tgt Ion: 88 Resp: 18228

Ion Ratio Lower Upper

88 100

43 26.3 16.8 25.2#

58 75.4 54.3 81.5



#50

Toluene-d8

Concen: 50.930 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013701.D

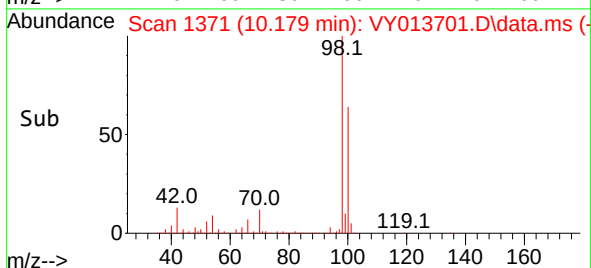
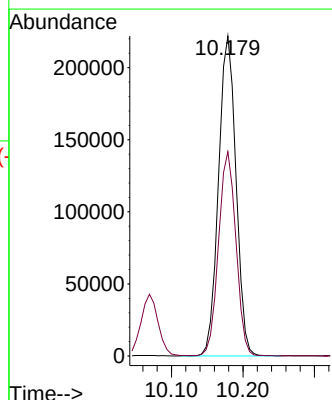
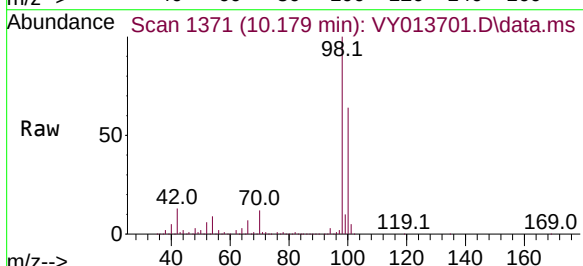
Acq: 10 May 2023 20:23

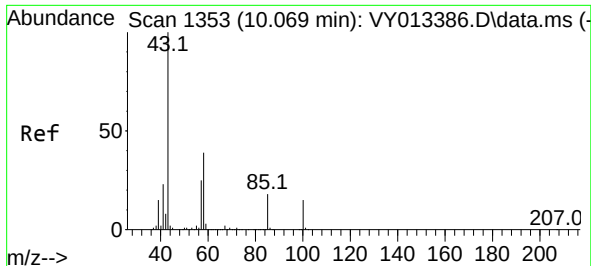
Tgt Ion: 98 Resp: 376849

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7

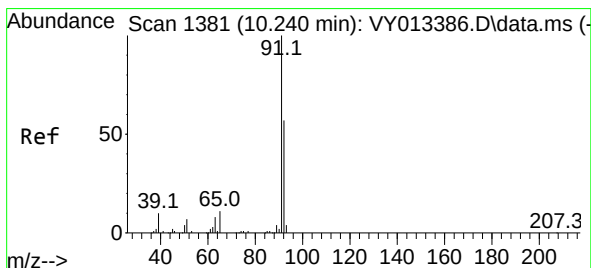
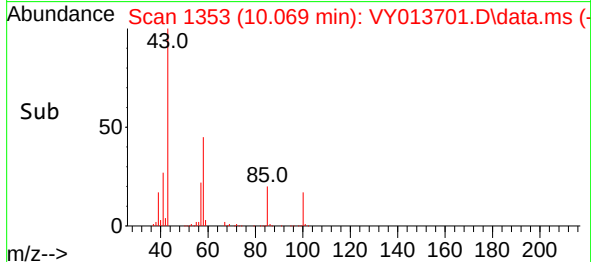
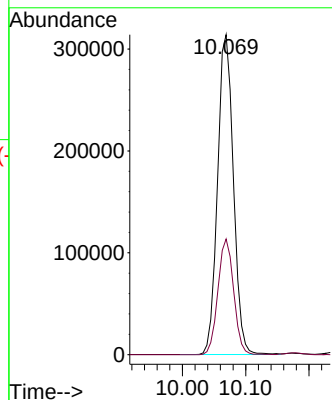
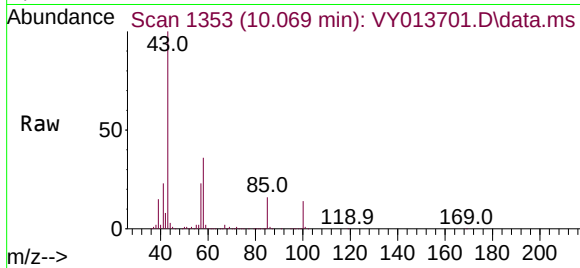




#51
4-Methyl-2-Pentanone
Concen: 222.793 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

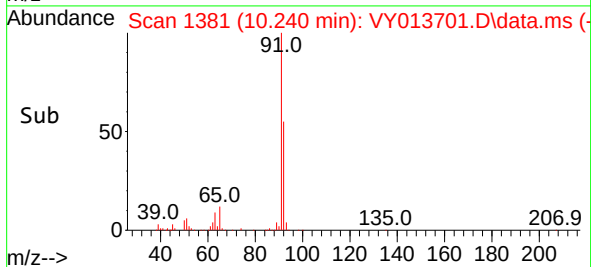
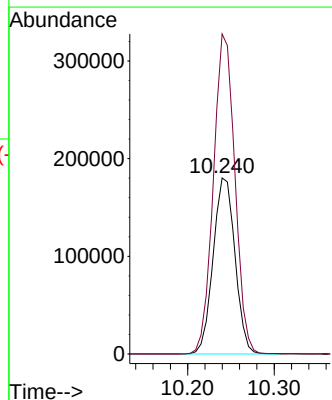
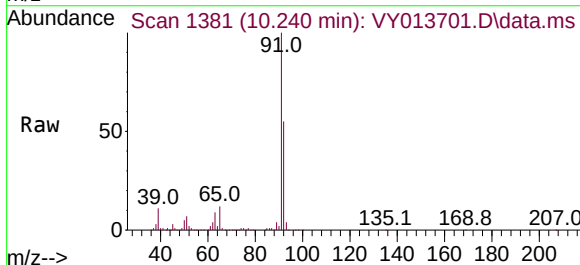
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

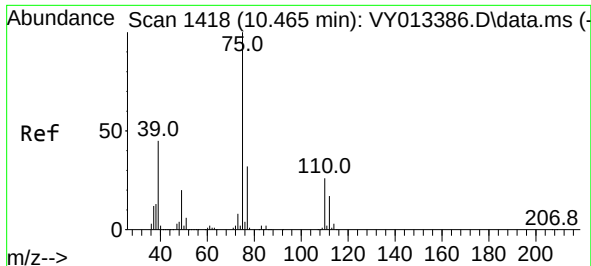
Tgt Ion: 43 Resp: 544363
Ion Ratio Lower Upper
43 100
58 35.9 30.6 46.0



#52
Toluene
Concen: 54.045 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 92 Resp: 316248
Ion Ratio Lower Upper
92 100
91 179.1 140.2 210.4

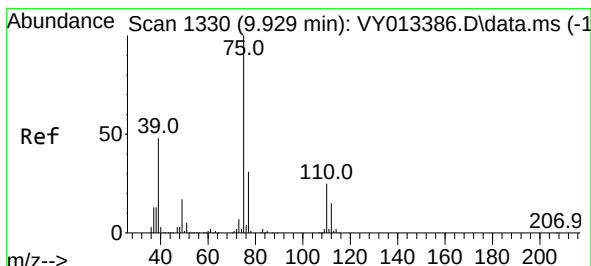
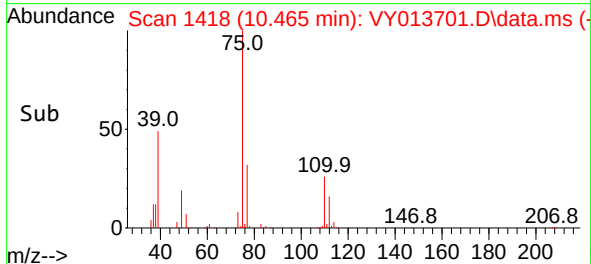
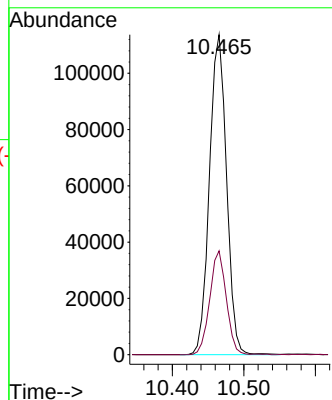
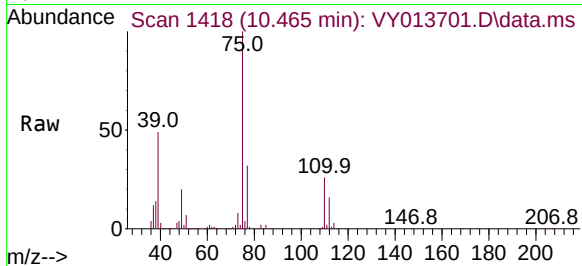




#53
t-1,3-Dichloropropene
Concen: 52.453 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

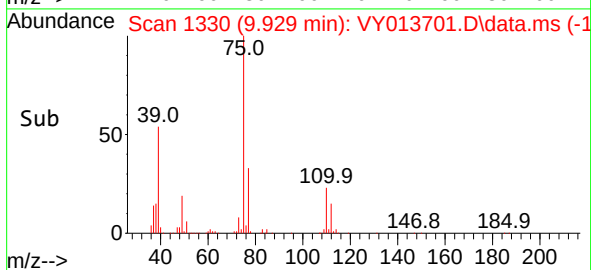
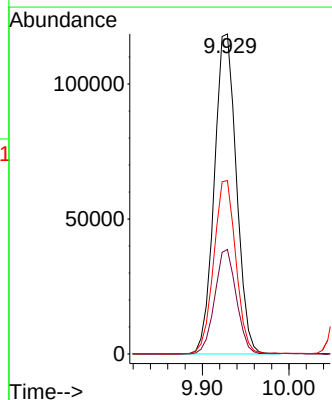
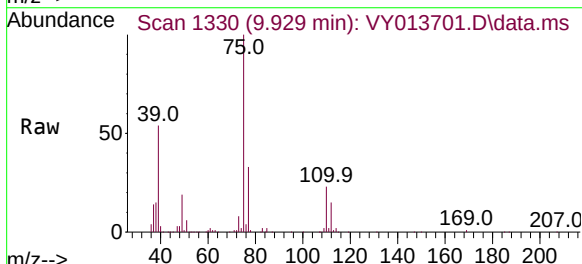
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

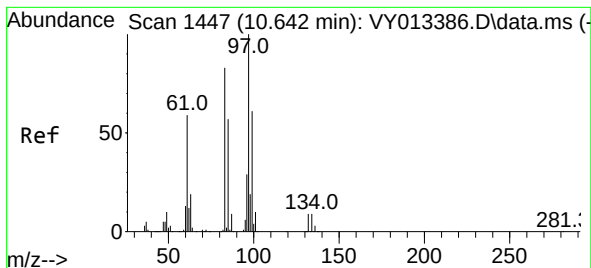
Tgt Ion: 75 Resp: 188966
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.855 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 75 Resp: 210205
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2
39 54.1 38.1 57.1

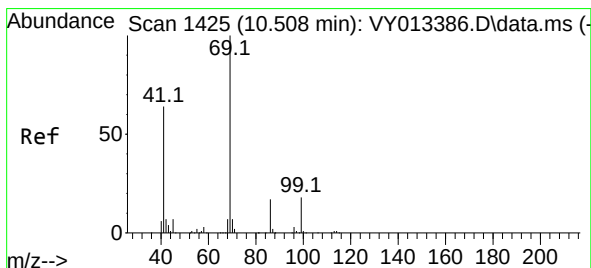
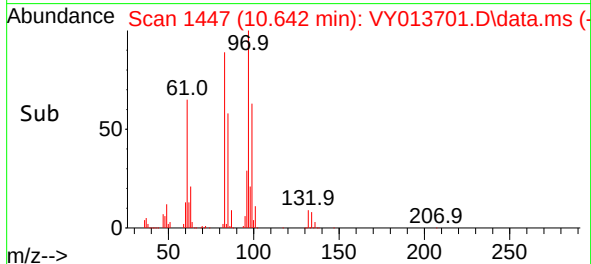
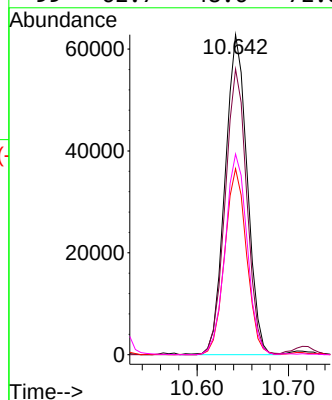
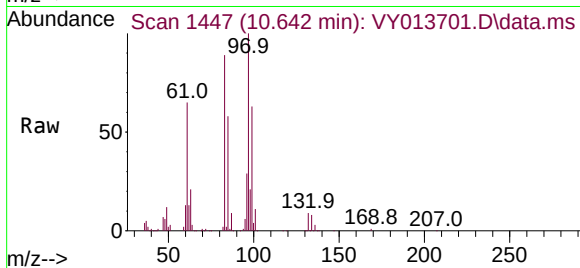




#55
1,1,2-Trichloroethane
Concen: 52.568 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

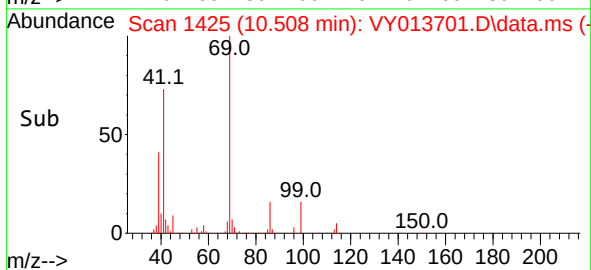
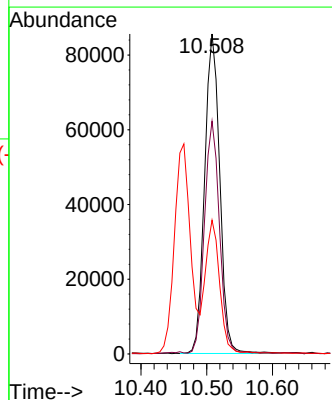
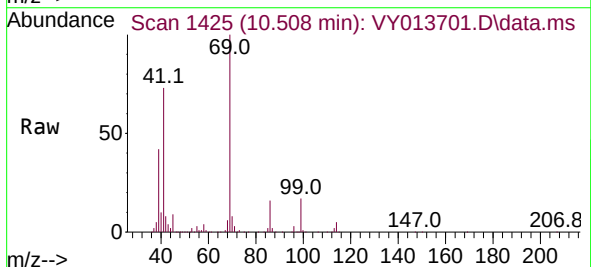
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

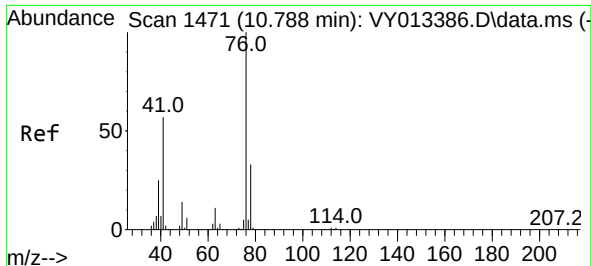
Tgt Ion: 97	Resp: 105902
Ion Ratio	Lower Upper
97 100	
83 89.3	66.4 99.6
85 58.0	45.6 68.4
99 62.7	48.6 72.8



#56
Ethyl methacrylate
Concen: 49.020 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 69	Resp: 137005
Ion Ratio	Lower Upper
69 100	
41 72.0	51.4 77.0
39 38.4	29.0 43.6





#57

1,3-Dichloropropane

Concen: 52.842 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

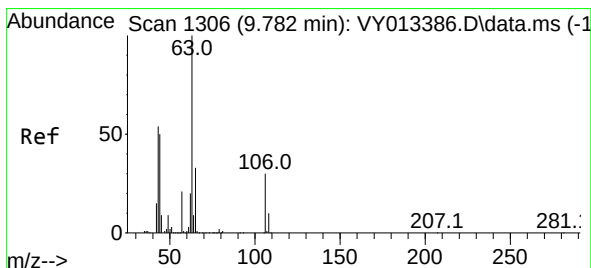
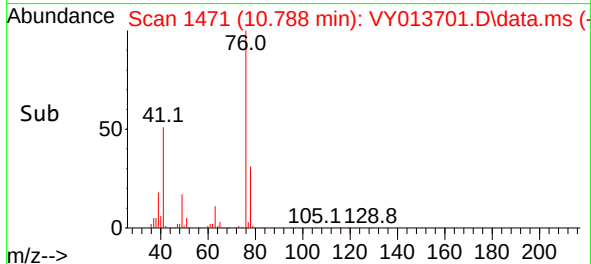
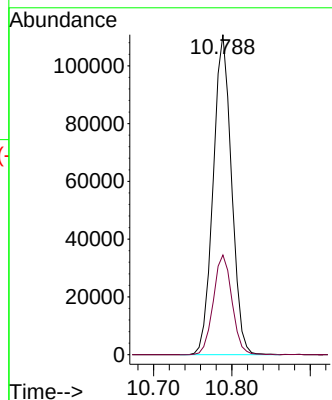
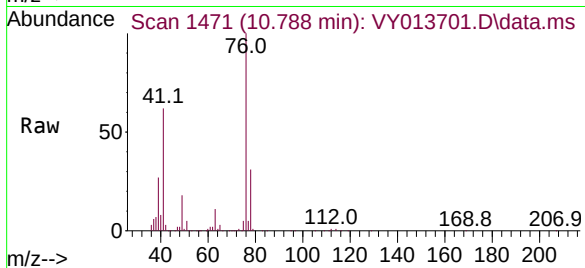
SB-04_0-2_20230509MSD

Tgt Ion: 76 Resp: 180289

Ion Ratio Lower Upper

76 100

78 31.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 222.452 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013701.D

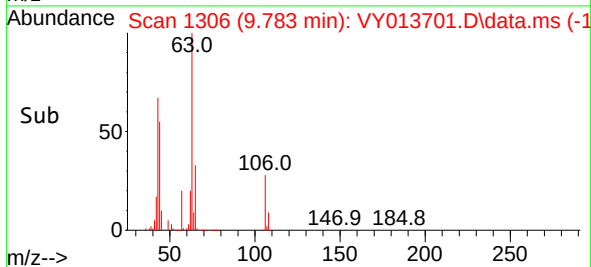
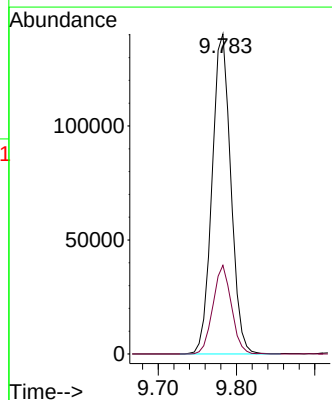
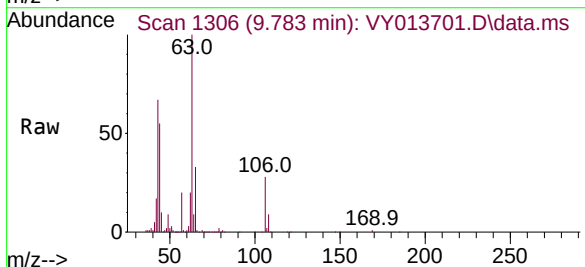
Acq: 10 May 2023 20:23

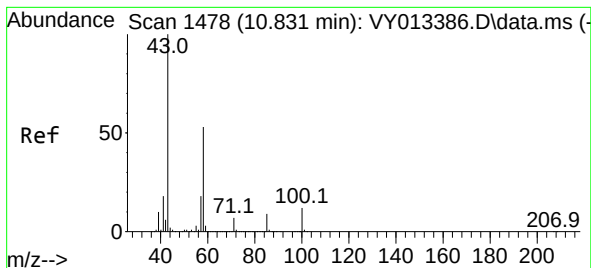
Tgt Ion: 63 Resp: 233140

Ion Ratio Lower Upper

63 100

106 27.3 23.5 35.3





#59

2-Hexanone

Concen: 217.429 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

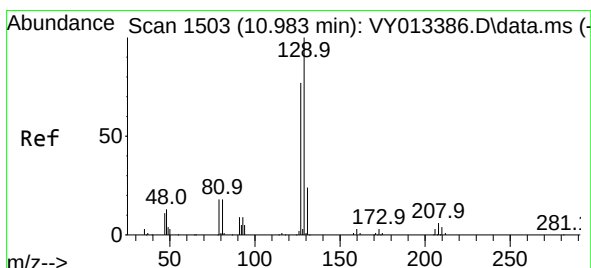
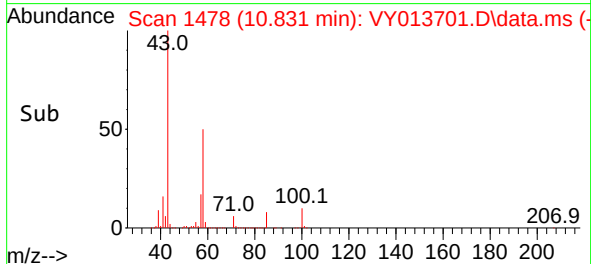
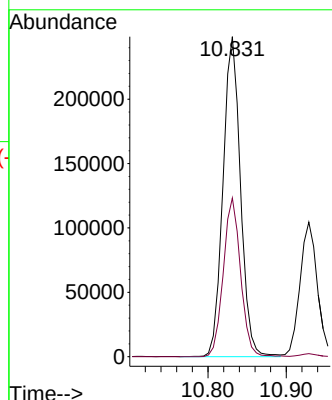
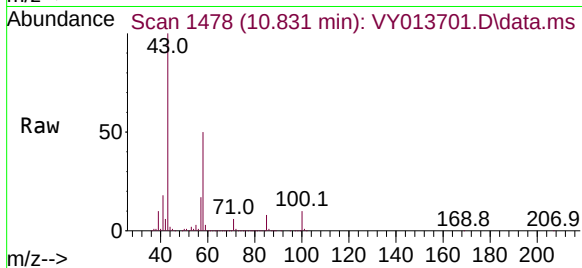
SB-04_0-2_20230509MSD

Tgt Ion: 43 Resp: 386182

Ion Ratio Lower Upper

43 100

58 48.9 26.3 78.8



#60

Dibromochloromethane

Concen: 54.491 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.001 min

Lab File: VY013701.D

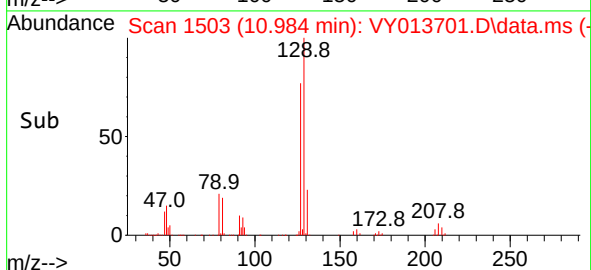
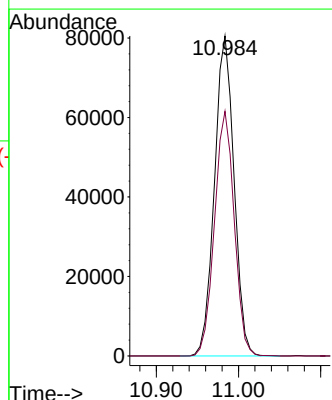
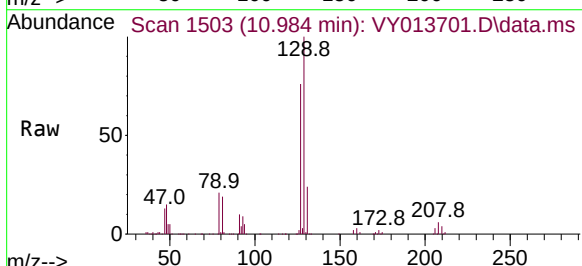
Acq: 10 May 2023 20:23

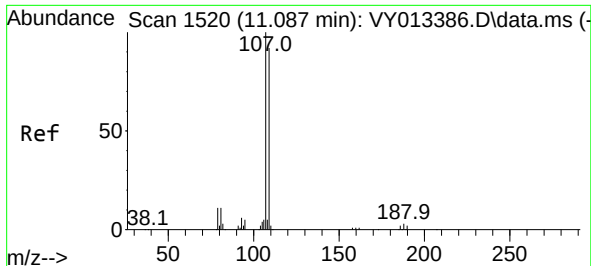
Tgt Ion: 129 Resp: 133293

Ion Ratio Lower Upper

129 100

127 77.0 38.7 116.1

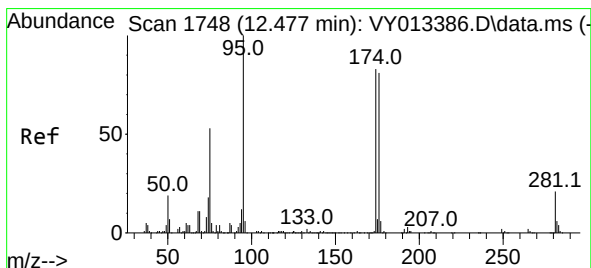
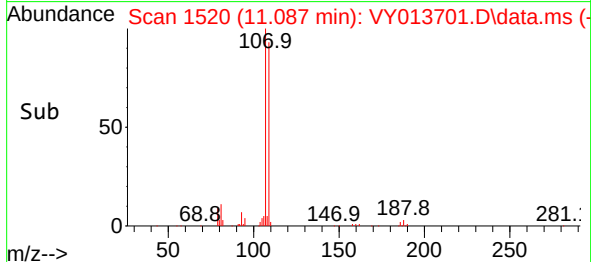
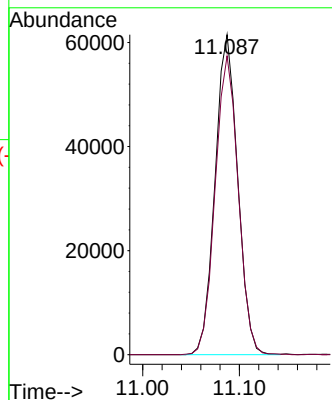
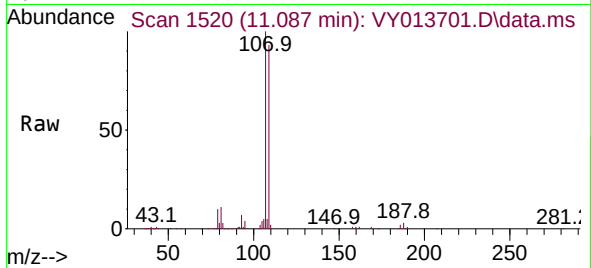




#61
1,2-Dibromoethane
Concen: 50.371 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

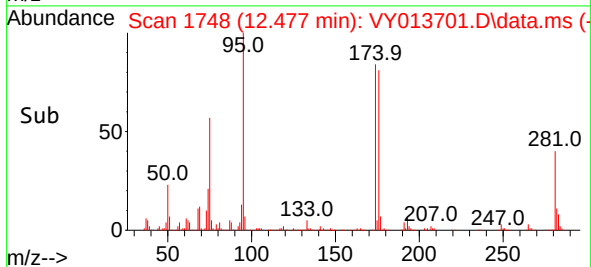
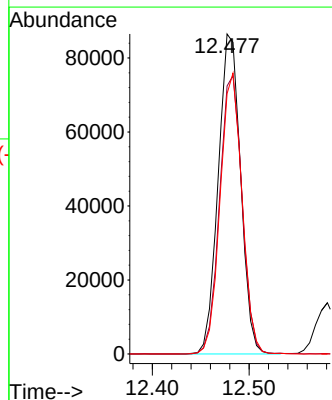
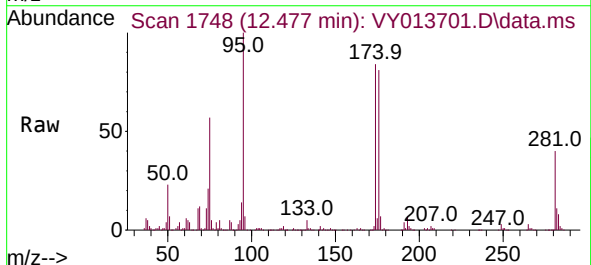
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

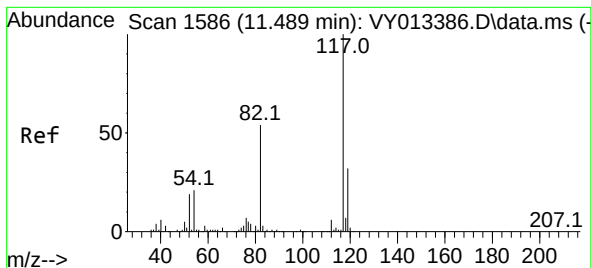
Tgt Ion:107 Resp: 99767
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.592 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 95 Resp: 138674
Ion Ratio Lower Upper
95 100
174 87.5 0.0 182.0
176 85.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

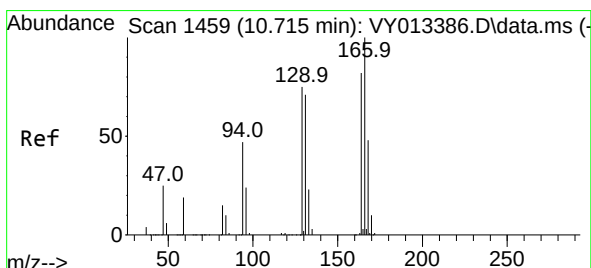
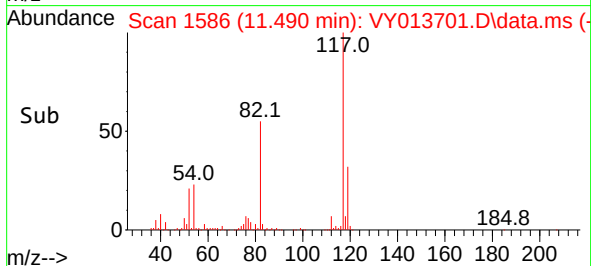
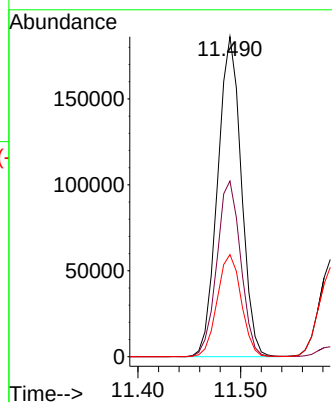
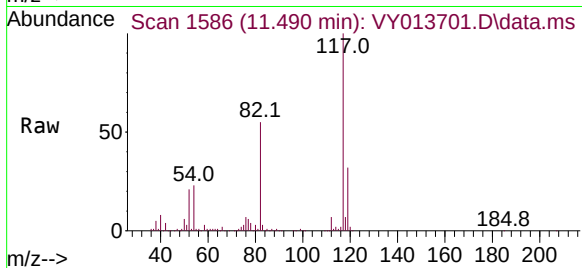
Tgt Ion:117 Resp: 297520

Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.6

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 52.650 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Tgt Ion:164 Resp: 119114

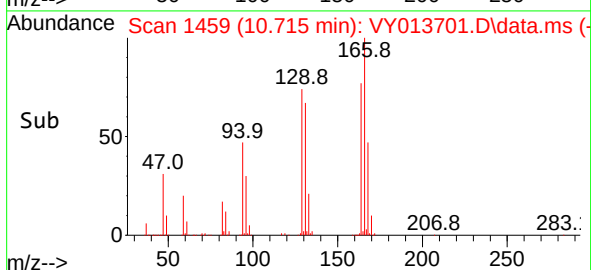
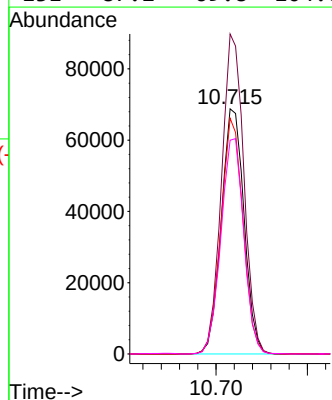
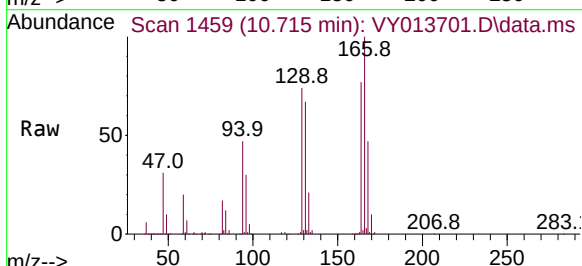
Ion Ratio Lower Upper

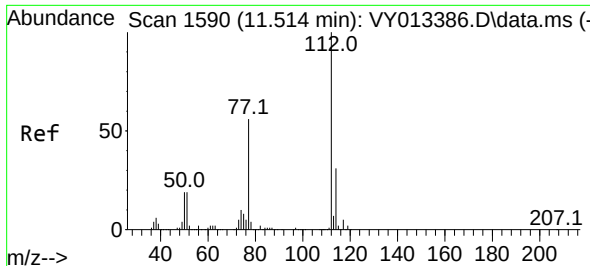
164 100

166 130.6 97.5 146.3

129 96.1 72.6 109.0

131 87.2 69.8 104.6

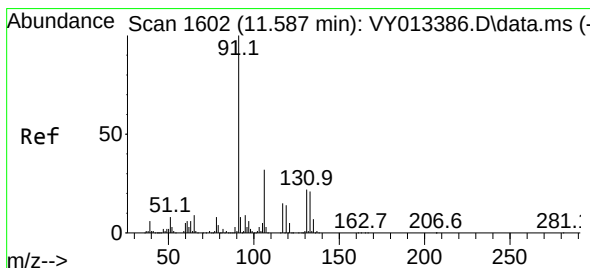
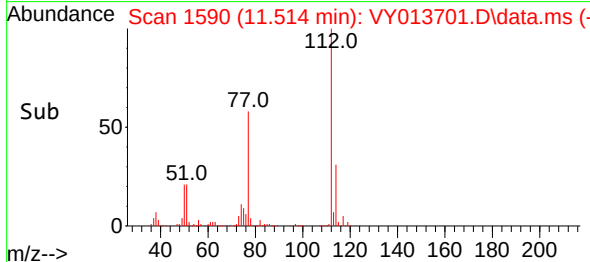
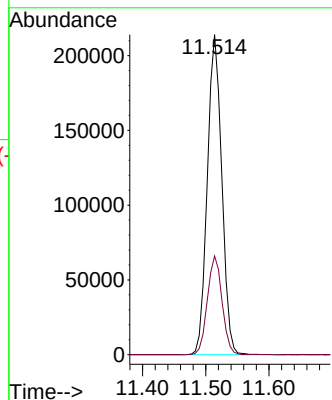
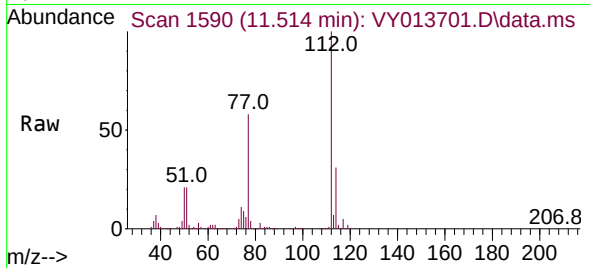




#65
Chlorobenzene
Concen: 52.529 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

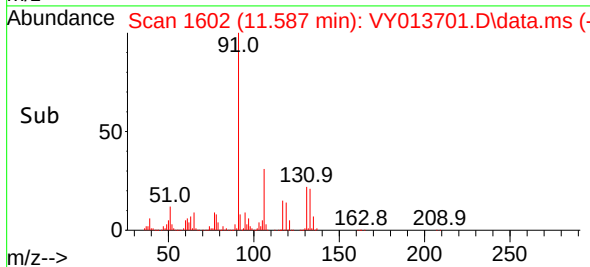
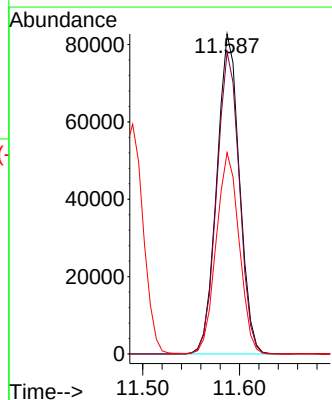
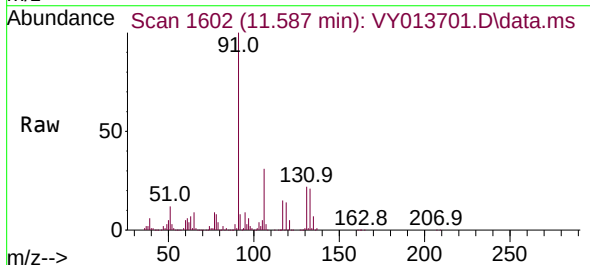
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

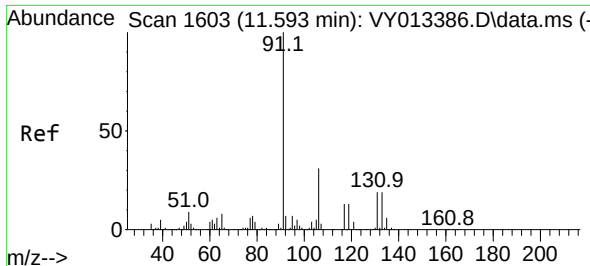
Tgt Ion:112 Resp: 340449
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.454 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:131 Resp: 134416
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 63.8 32.6 98.0

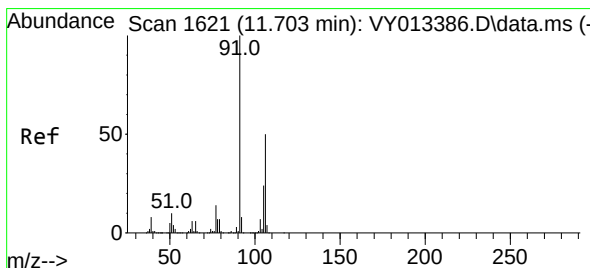
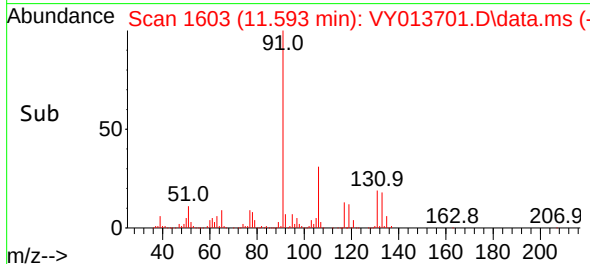
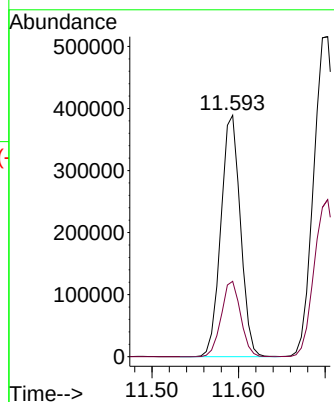
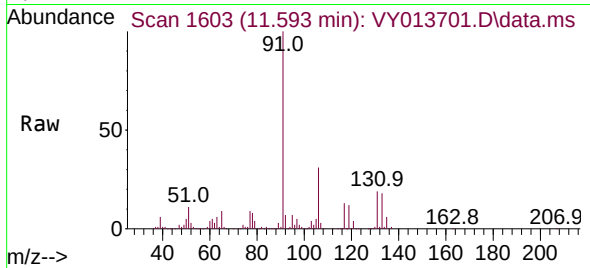




#67
Ethyl Benzene
Concen: 53.553 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

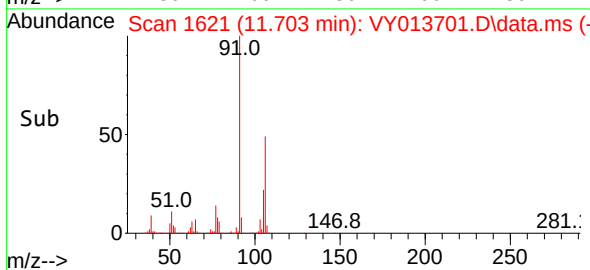
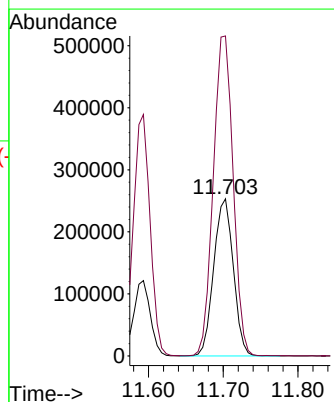
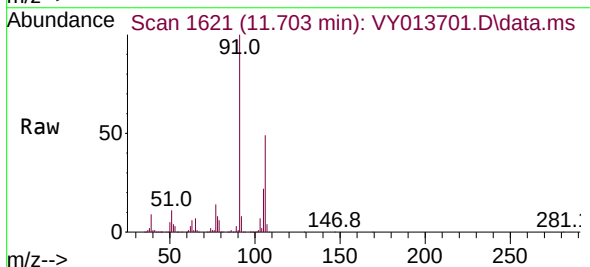
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

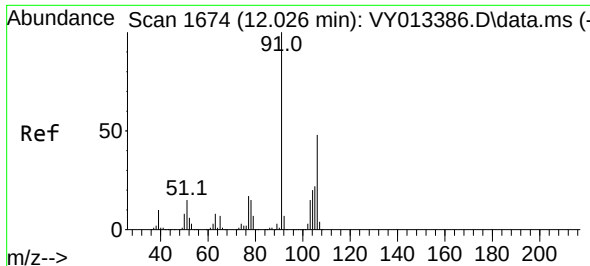
Tgt Ion: 91 Resp: 609474
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 106.528 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:106 Resp: 460891
Ion Ratio Lower Upper
106 100
91 206.8 160.9 241.3

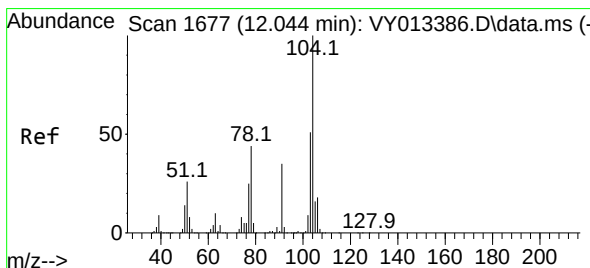
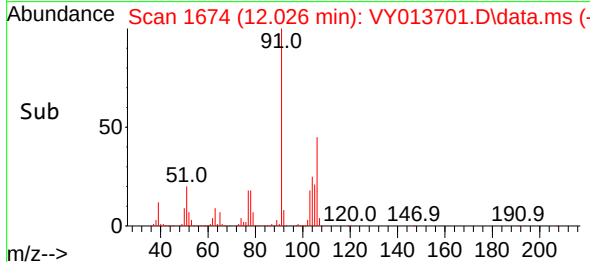
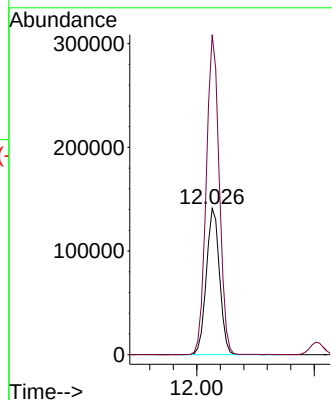
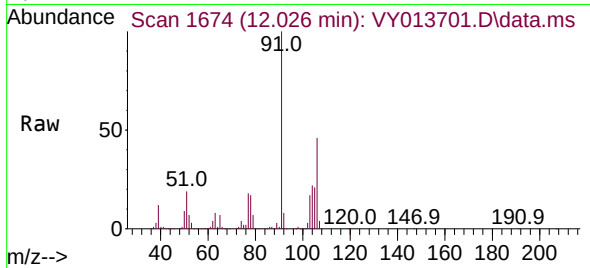




#69
o-Xylene
Concen: 53.849 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

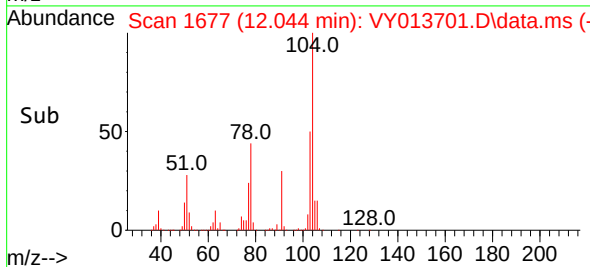
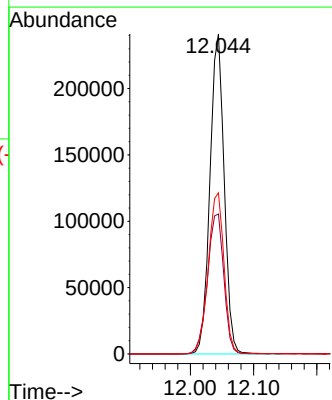
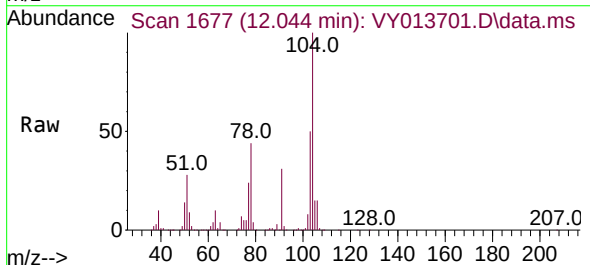
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

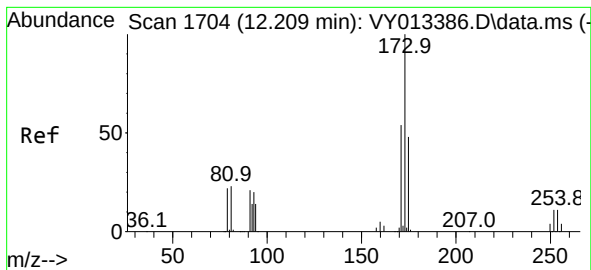
Tgt Ion:106 Resp: 220338
Ion Ratio Lower Upper
106 100
91 214.7 105.5 316.4



#70
Styrene
Concen: 55.334 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:104 Resp: 378571
Ion Ratio Lower Upper
104 100
78 50.2 40.3 60.5
103 55.8 45.0 67.4





#71

Bromoform

Concen: 51.596 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

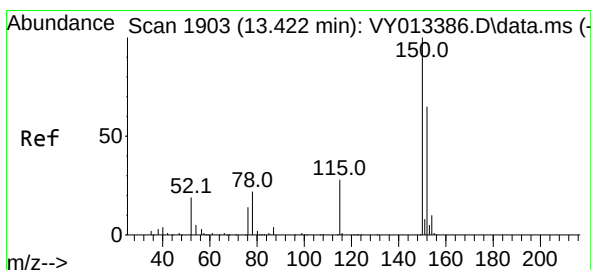
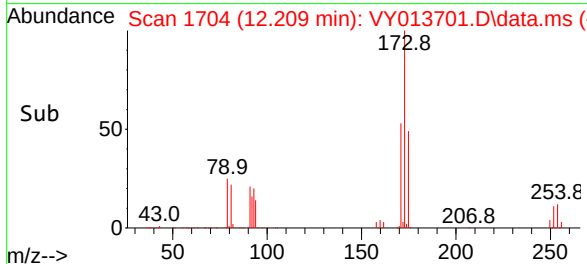
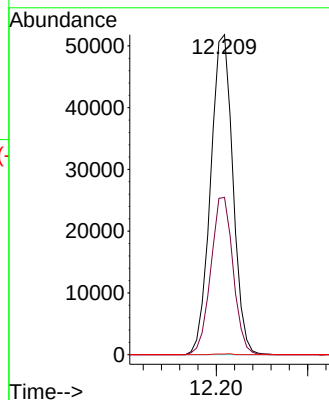
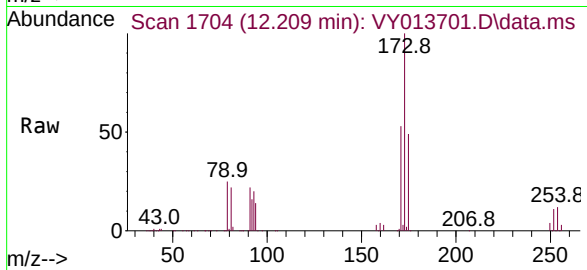
Tgt Ion:173 Resp: 87601

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

254 0.2 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: VY013701.D

Acq: 10 May 2023 20:23

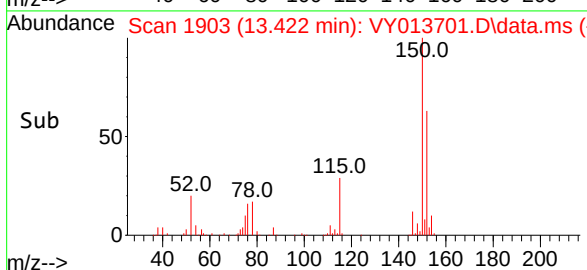
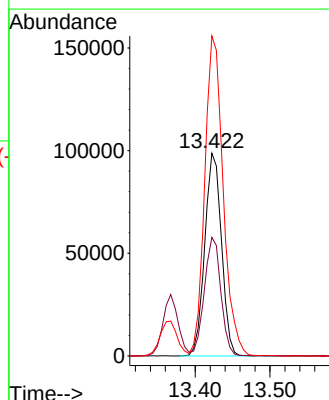
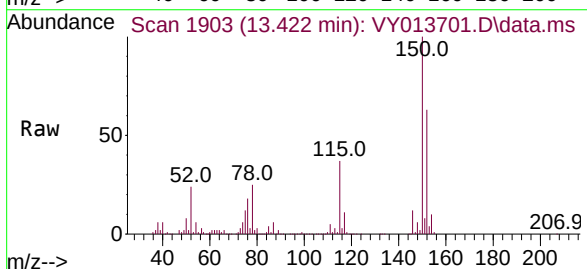
Tgt Ion:152 Resp: 153644

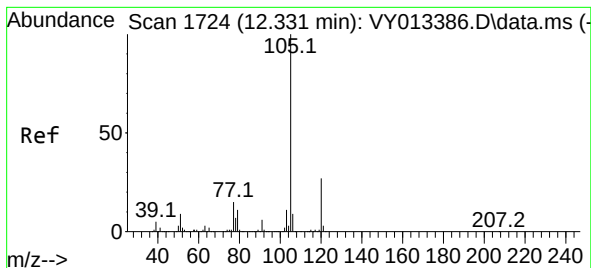
Ion Ratio Lower Upper

152 100

115 57.7 28.1 84.2

150 173.3 0.0 352.0





#73

Isopropylbenzene

Concen: 49.984 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

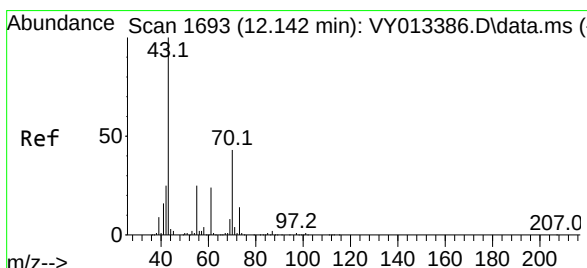
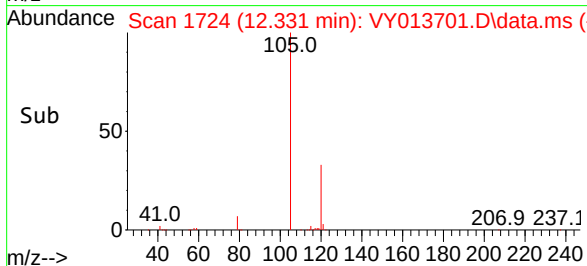
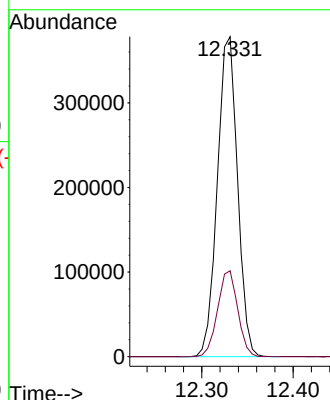
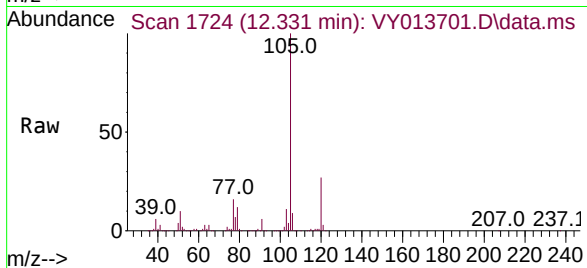
SB-04_0-2_20230509MSD

Tgt Ion:105 Resp: 580869

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.0



#74

N-ethyl acetate

Concen: 40.099 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Tgt Ion: 43 Resp: 165830

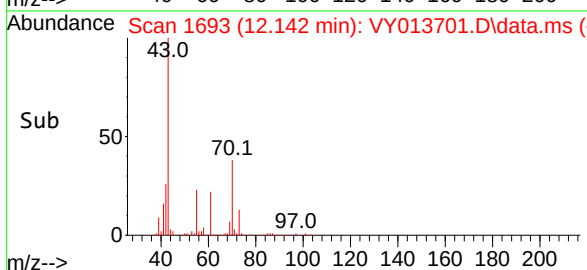
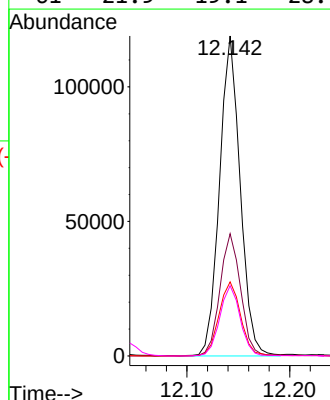
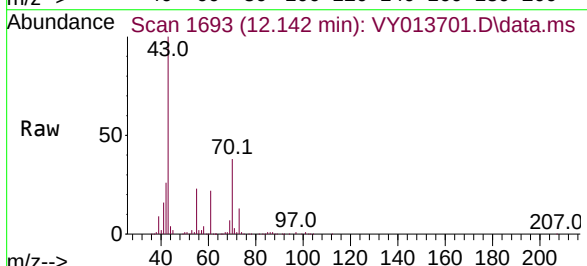
Ion Ratio Lower Upper

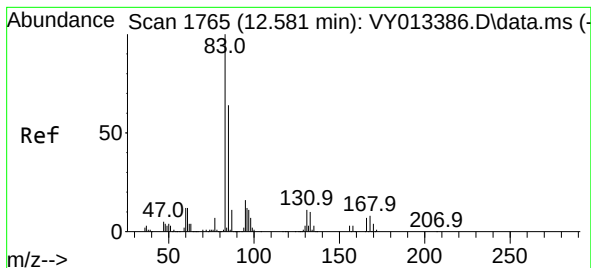
43 100

70 38.5 33.0 49.4

55 24.4 19.8 29.6

61 21.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 45.008 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

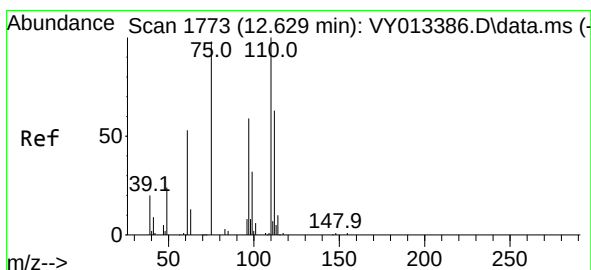
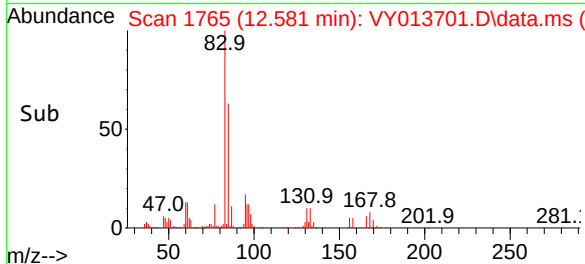
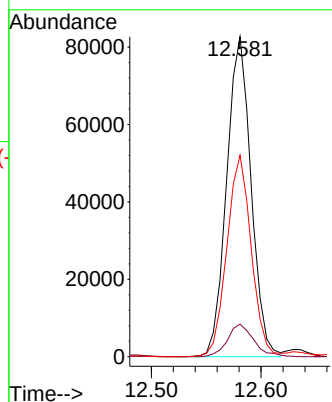
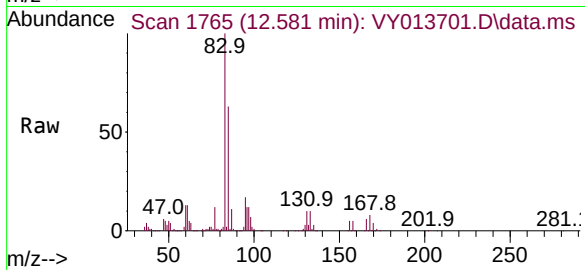
Tgt Ion: 83 Resp: 127846

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 62.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 79.632 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013701.D

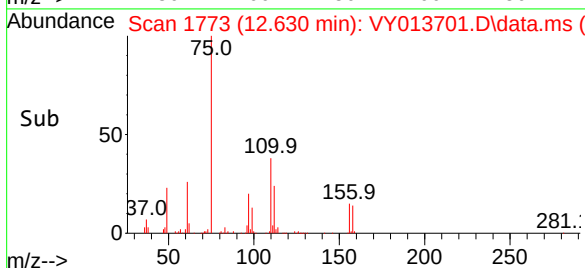
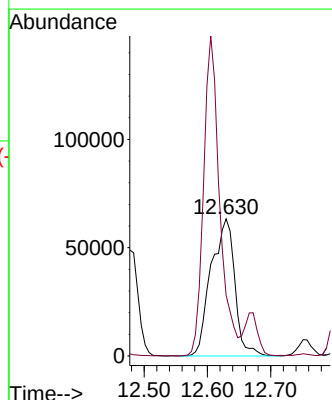
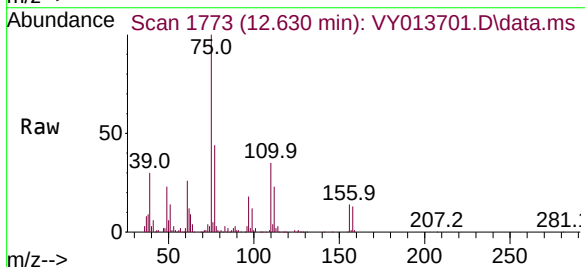
Acq: 10 May 2023 20:23

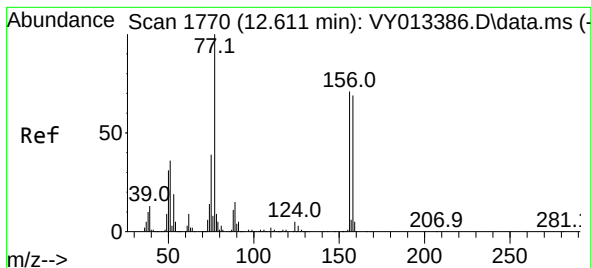
Tgt Ion: 75 Resp: 165003

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.532 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

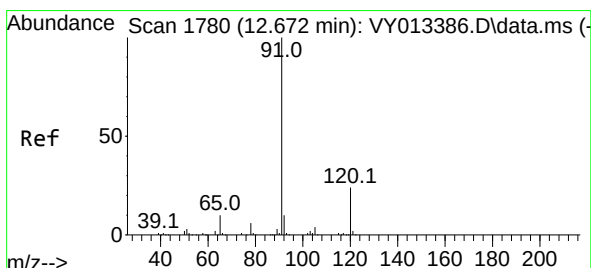
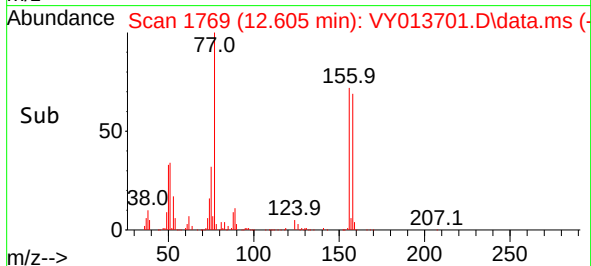
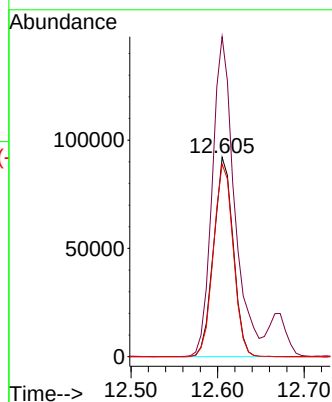
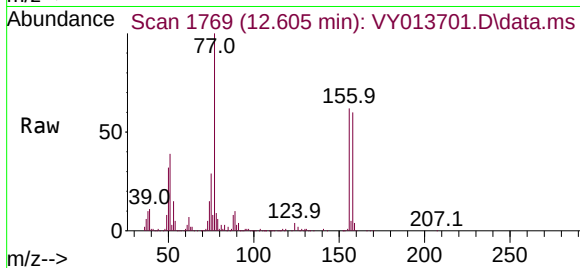
Tgt Ion:156 Resp: 145104

Ion Ratio Lower Upper

156 100

77 180.8 87.6 262.9

158 97.4 48.5 145.5



#78

n-propylbenzene

Concen: 49.545 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013701.D

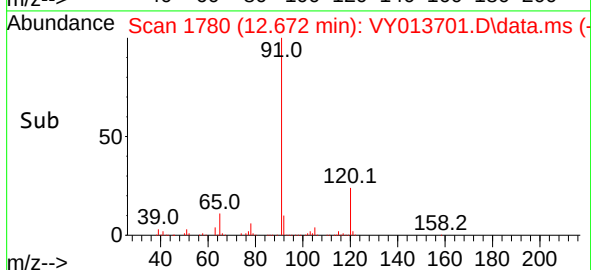
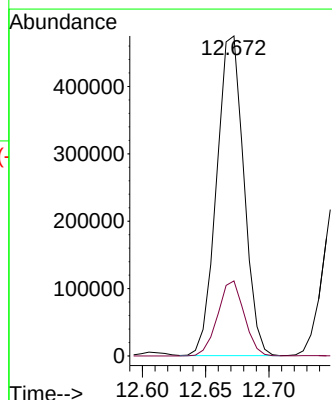
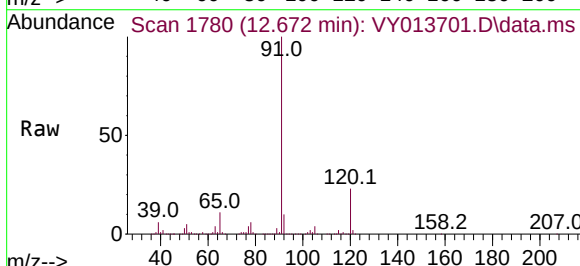
Acq: 10 May 2023 20:23

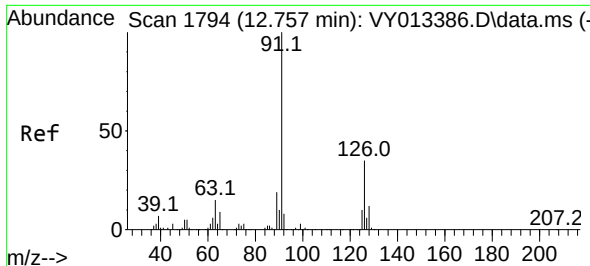
Tgt Ion: 91 Resp: 709187

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9

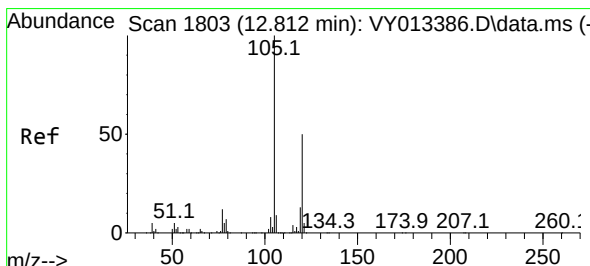
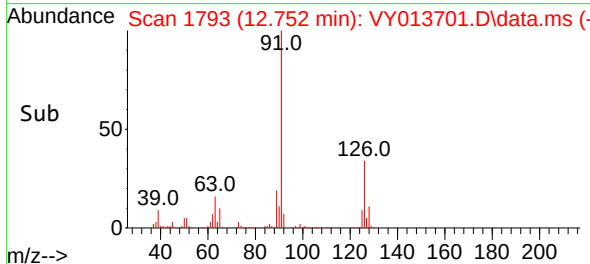
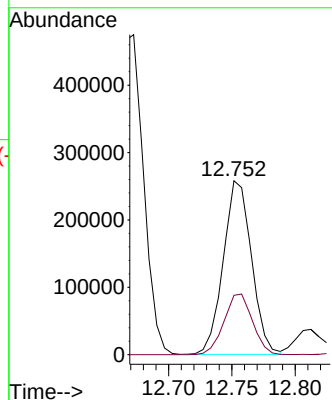
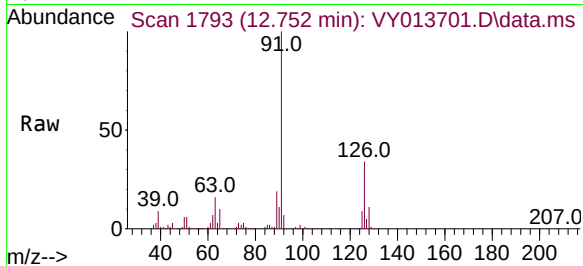




#79
2-Chlorotoluene
Concen: 50.155 ug/l
RT: 12.752 min Scan# 1794
Delta R.T. -0.005 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

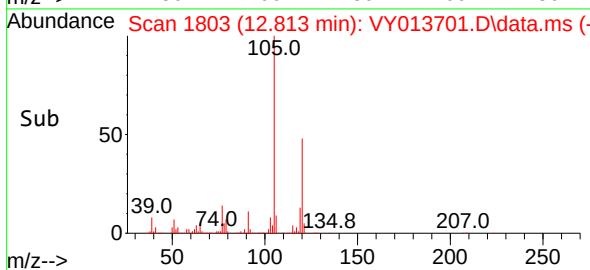
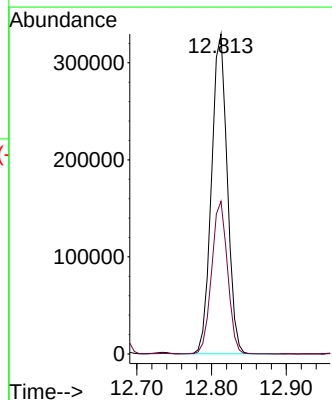
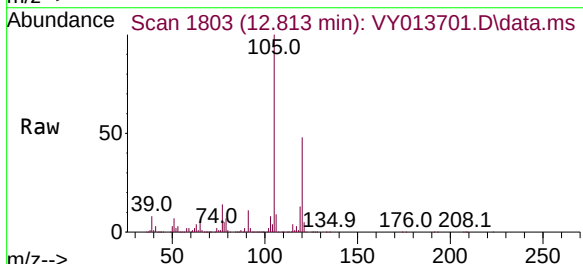
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

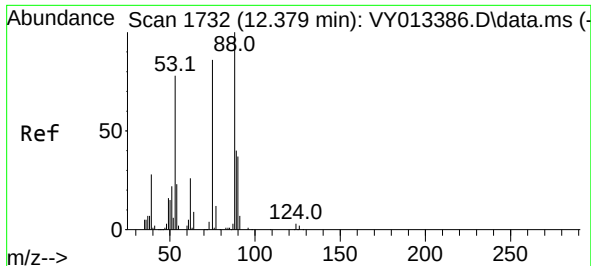
Tgt Ion: 91 Resp: 400911
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 50.897 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 105 Resp: 482760
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1

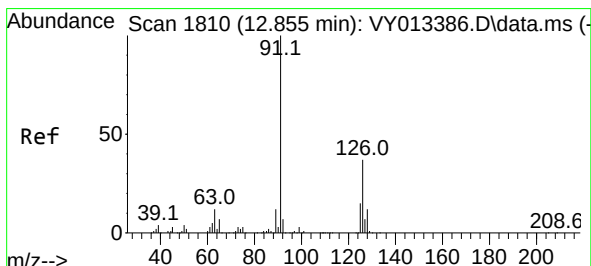
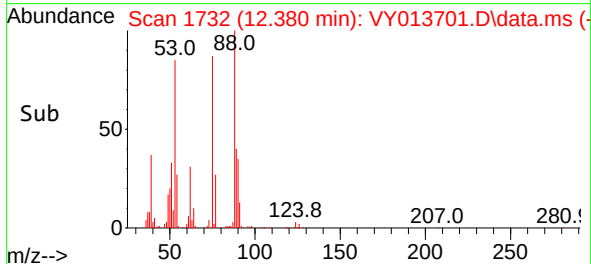
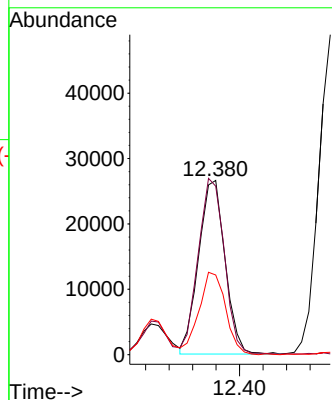
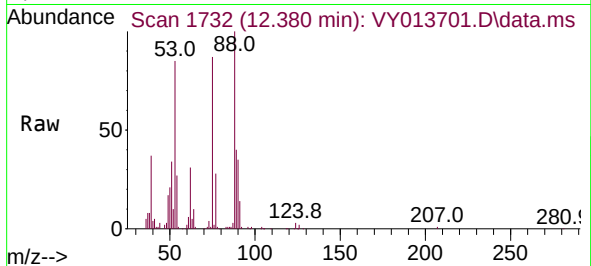




#81
trans-1,4-Dichloro-2-butene
Concen: 41.062 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

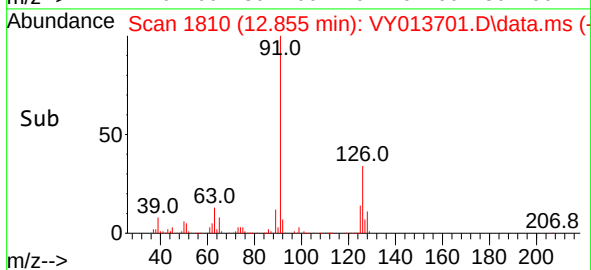
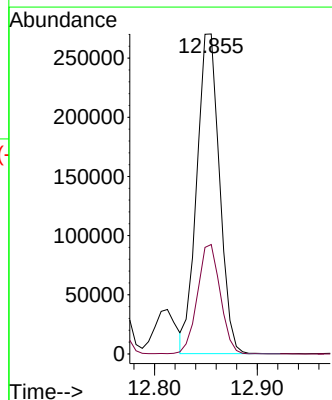
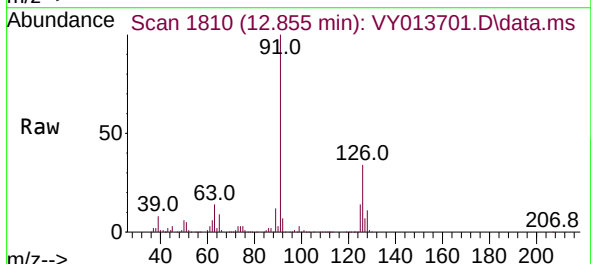
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

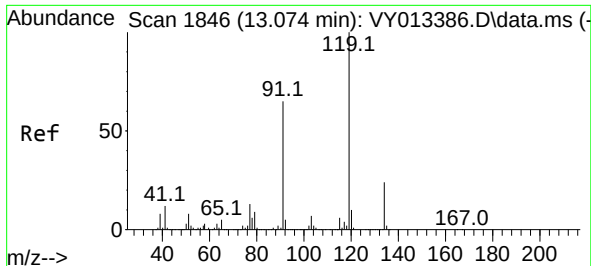
Tgt Ion: 75 Resp: 41594
Ion Ratio Lower Upper
75 100
53 99.8 73.2 109.8
89 47.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.840 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion: 91 Resp: 415234
Ion Ratio Lower Upper
91 100
126 34.5 17.9 53.8

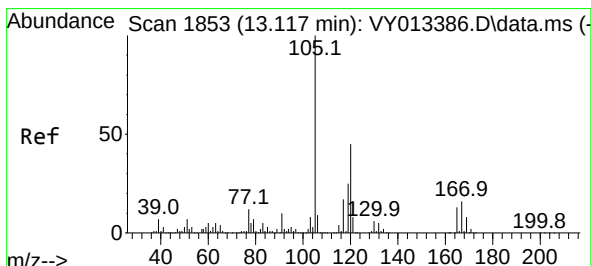
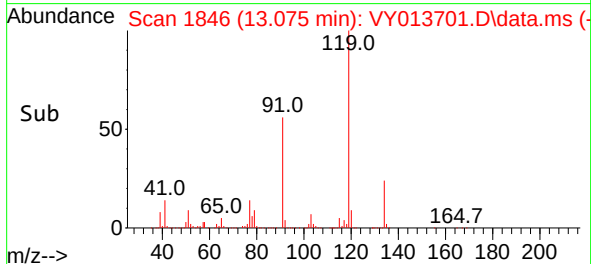
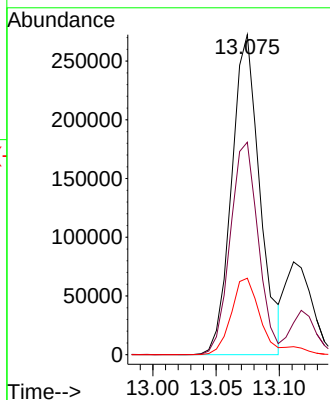
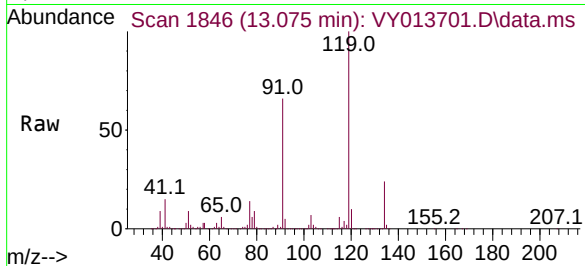




#83
tert-Butylbenzene
Concen: 51.487 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

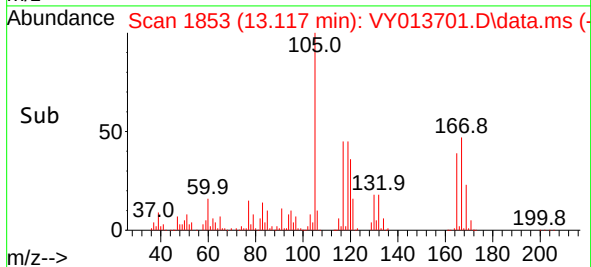
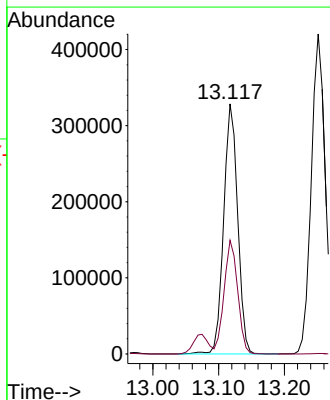
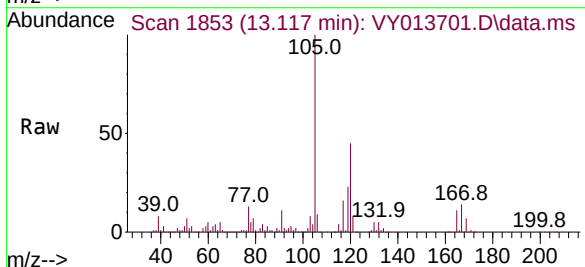
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

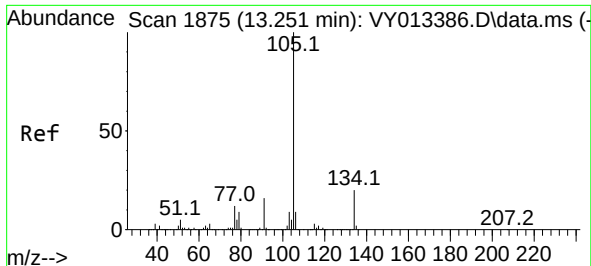
Tgt Ion:119 Resp: 423100
Ion Ratio Lower Upper
119 100
91 65.8 32.2 96.6
134 25.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.785 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:105 Resp: 486767
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.9

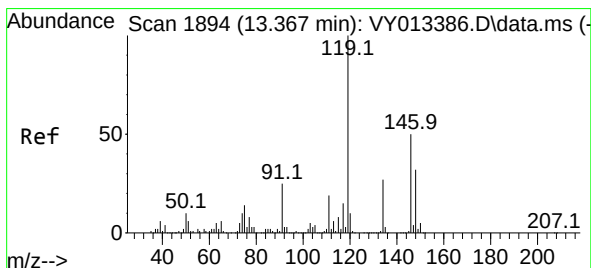
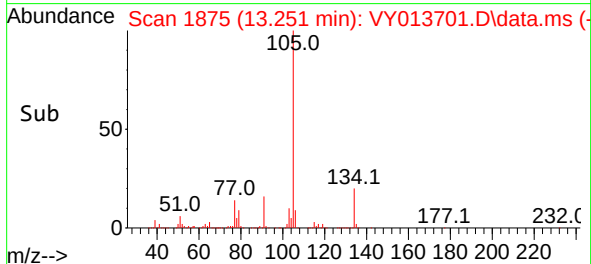
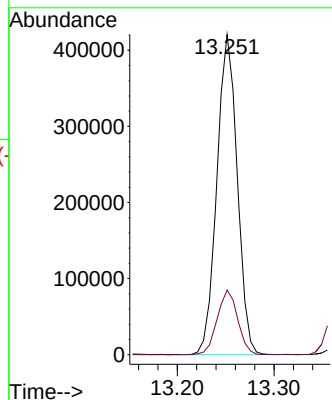
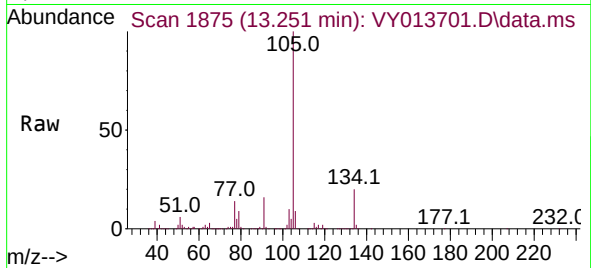




#85
 sec-Butylbenzene
 Concen: 49.810 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013701.D
 Acq: 10 May 2023 20:23

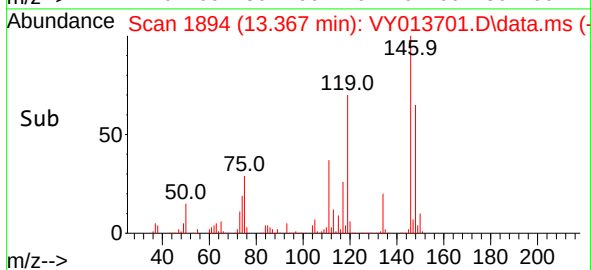
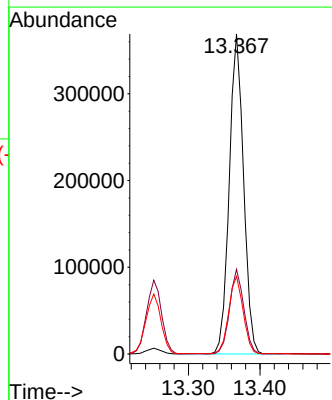
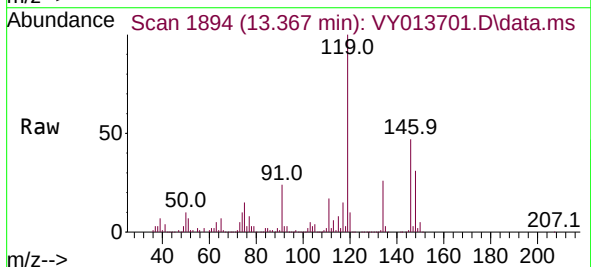
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509MSD

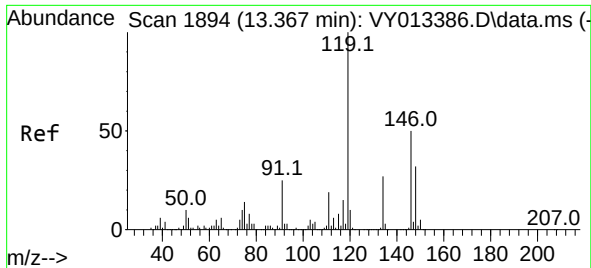
Tgt Ion:105 Resp: 614310
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 51.538 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013701.D
 Acq: 10 May 2023 20:23

Tgt Ion:119 Resp: 511144
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 24.3 12.1 36.3

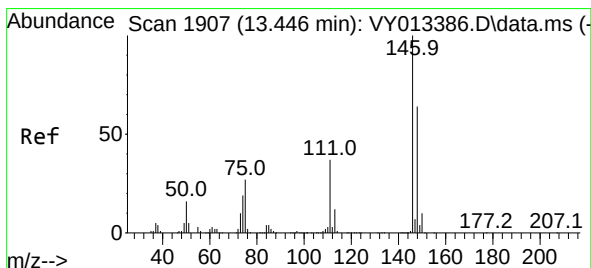
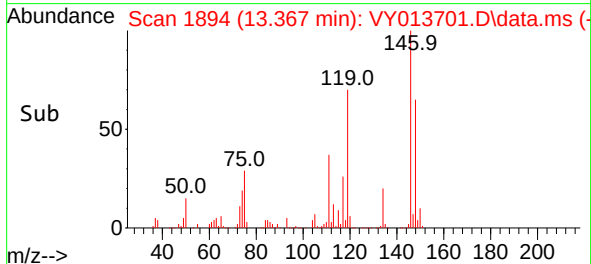
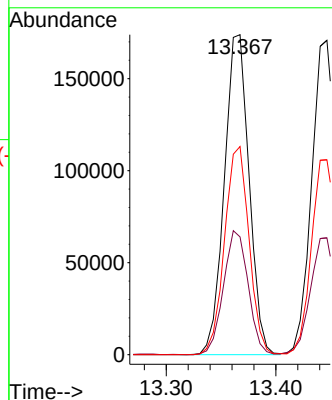
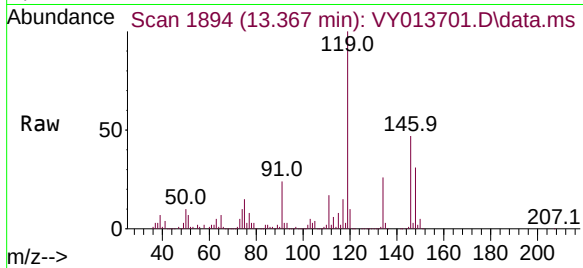




#87
1,3-Dichlorobenzene
Concen: 50.862 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

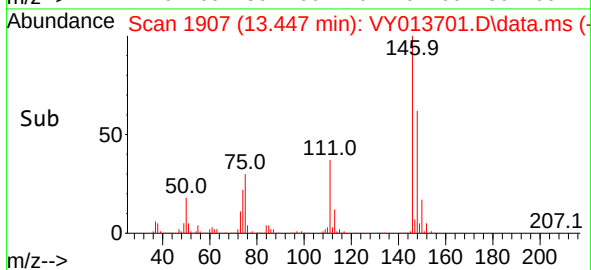
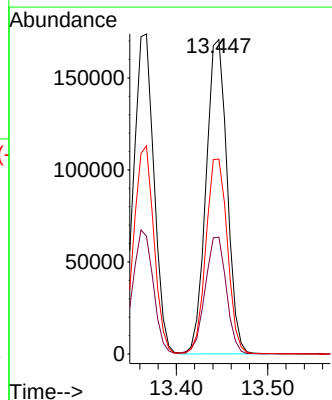
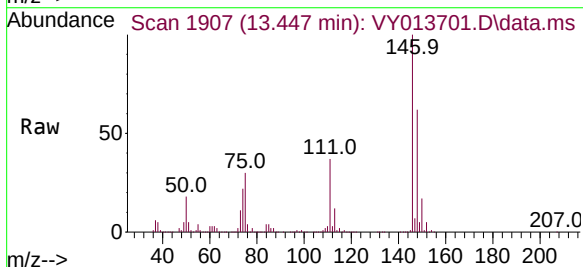
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

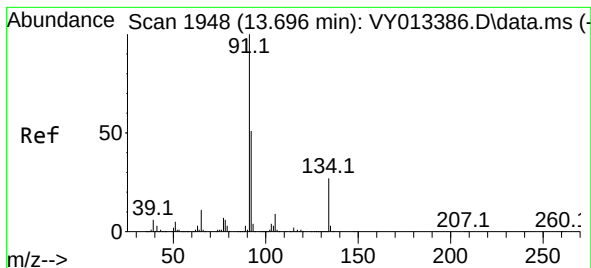
Tgt Ion:146 Resp: 272856
Ion Ratio Lower Upper
146 100
111 38.7 19.3 57.9
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.349 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:146 Resp: 272847
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.5
148 63.2 31.9 95.5





#89

n-Butylbenzene

Concen: 48.800 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

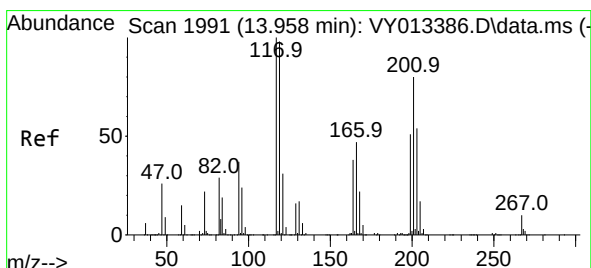
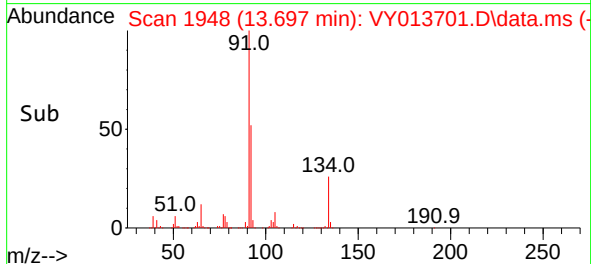
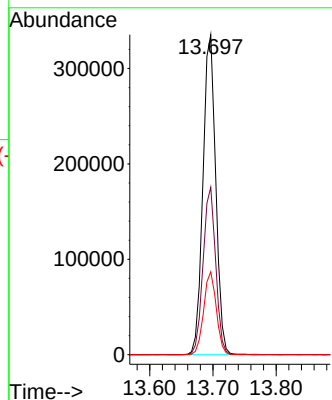
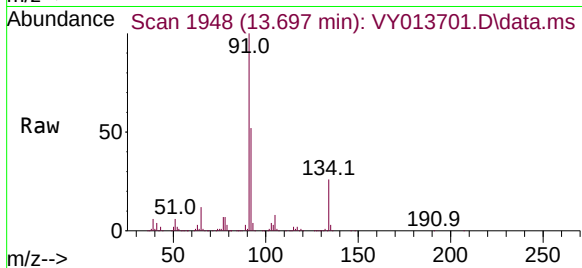
Tgt Ion: 91 Resp: 472388

Ion Ratio Lower Upper

91 100

92 51.8 25.8 77.3

134 25.6 13.5 40.4



#90

Hexachloroethane

Concen: 48.993 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013701.D

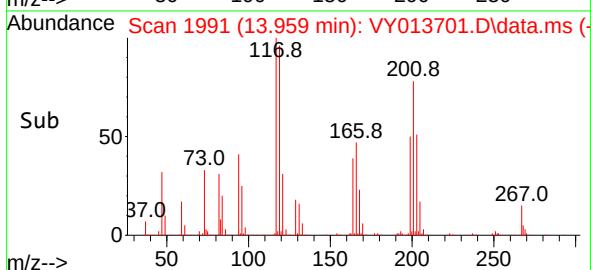
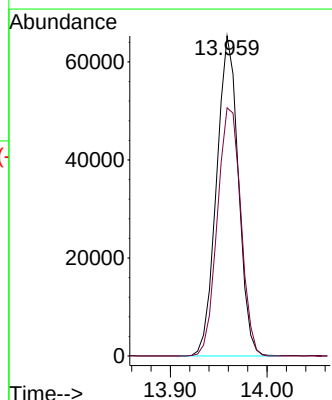
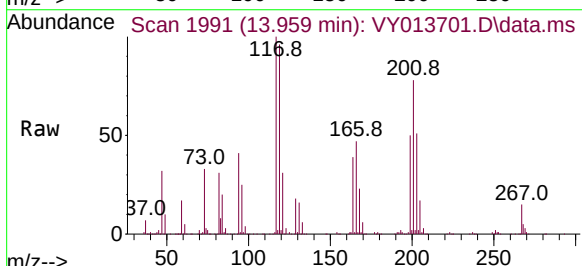
Acq: 10 May 2023 20:23

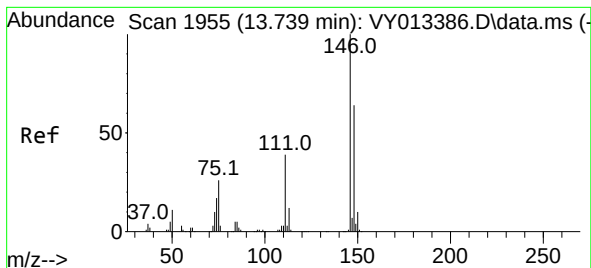
Tgt Ion: 117 Resp: 102267

Ion Ratio Lower Upper

117 100

201 83.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.529 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

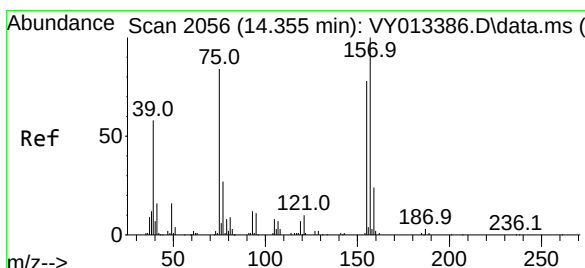
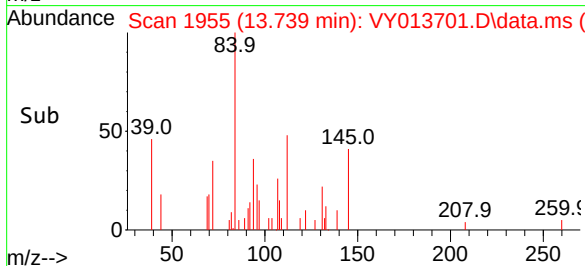
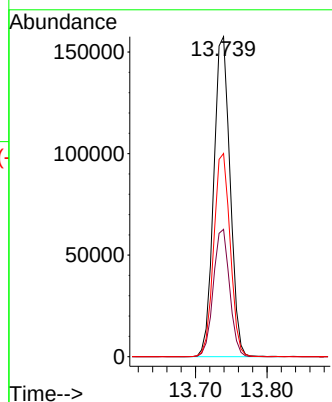
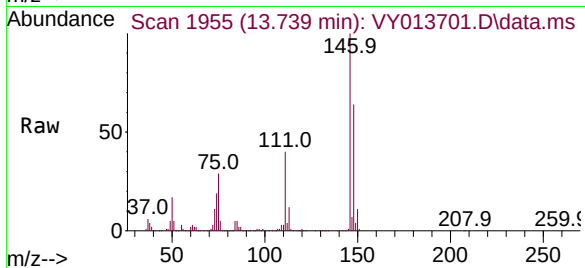
Tgt Ion:146 Resp: 249630

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.365 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

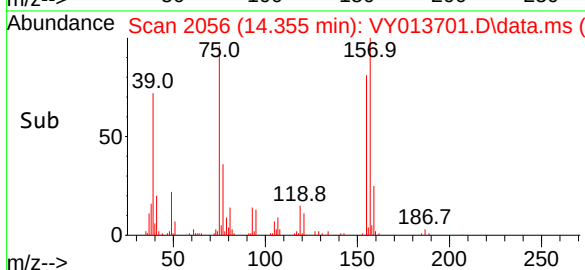
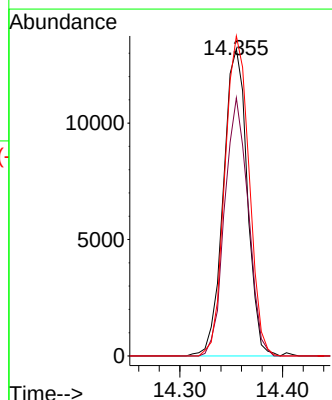
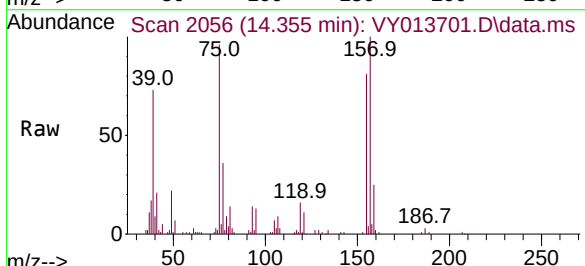
Tgt Ion: 75 Resp: 21253

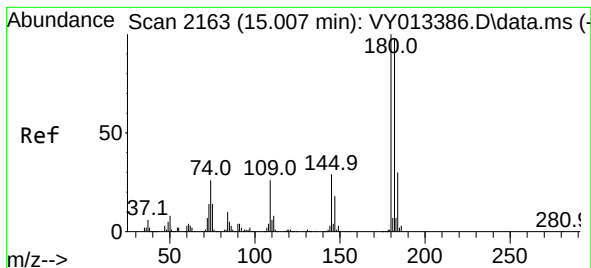
Ion Ratio Lower Upper

75 100

155 82.8 44.6 134.0

157 105.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 51.868 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MSD

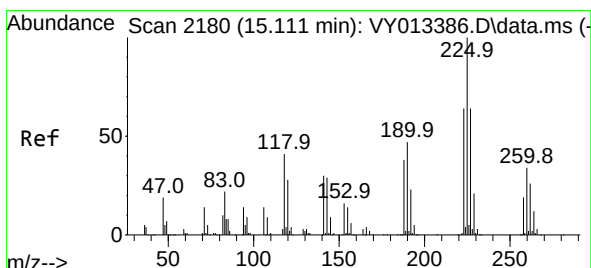
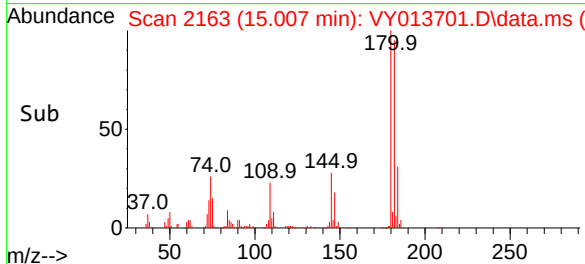
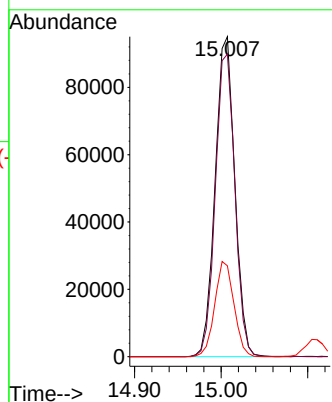
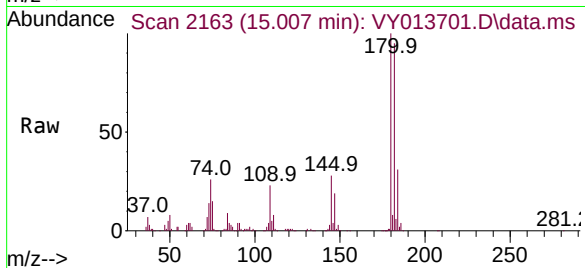
Tgt Ion:180 Resp: 149810

Ion Ratio Lower Upper

180 100

182 94.1 48.5 145.5

145 29.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 50.588 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013701.D

Acq: 10 May 2023 20:23

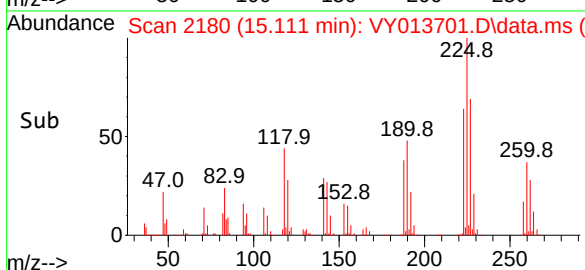
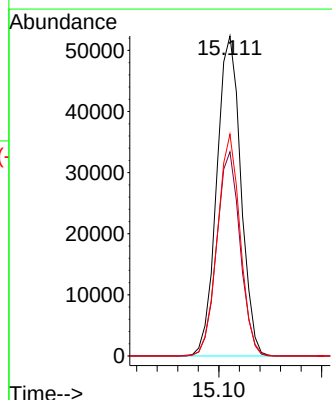
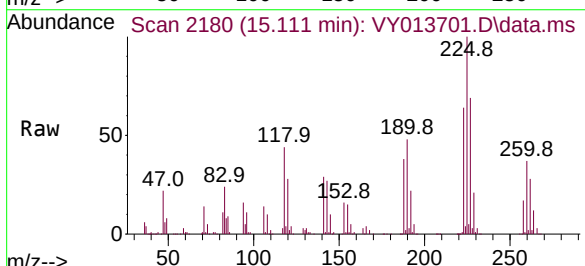
Tgt Ion:225 Resp: 85035

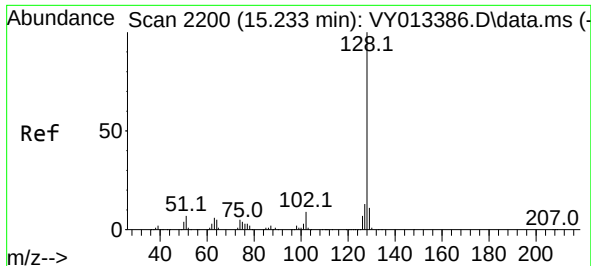
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.2

227 65.4 32.0 96.0

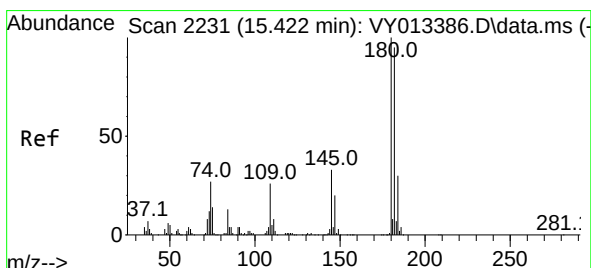
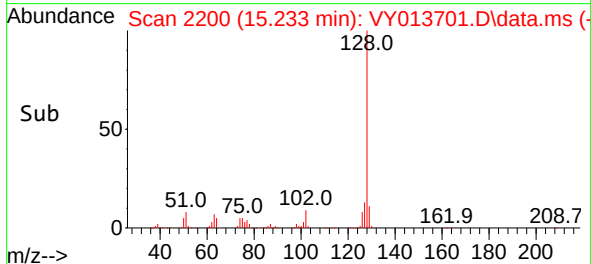
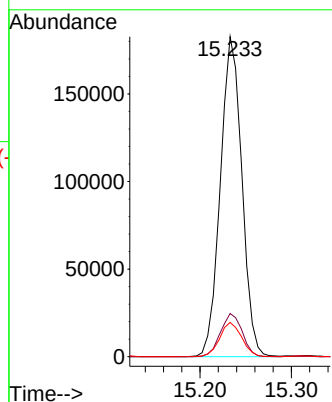
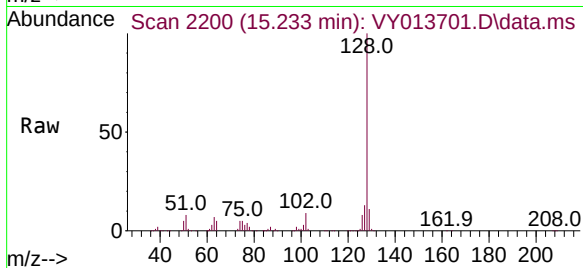




#95
Naphthalene
Concen: 47.755 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MSD

Tgt Ion:128 Resp: 299267
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.733 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013701.D
Acq: 10 May 2023 20:23

Tgt Ion:180 Resp: 133176
Ion Ratio Lower Upper
180 100
182 96.5 47.1 141.3
145 31.7 15.9 47.7

