

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013961.D
 Acq On : 01 Jun 2023 13:14
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 02 06:48:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 06:43:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	280544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	445471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	406409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	522640	140.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 281.460%#	
35) Dibromofluoromethane	7.716	113	421162	148.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 297.540%#	
50) Toluene-d8	10.179	98	1594878	147.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 295.380%#	
62) 4-Bromofluorobenzene	12.477	95	545894	148.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 296.560%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	370756	150.198	ug/l	94
3) Chloromethane	2.107	50	472563	138.224	ug/l	99
4) Vinyl Chloride	2.247	62	466245	147.212	ug/l	97
5) Bromomethane	2.644	94	417057	151.226	ug/l	99
6) Chloroethane	2.784	64	347329	153.235	ug/l	99
7) Trichlorofluoromethane	3.119	101	754005	150.596	ug/l	100
8) Diethyl Ether	3.521	74	279176	142.229	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	407122	158.289	ug/l	99
10) Methyl Iodide	4.082	142	562856	158.785	ug/l	99
11) Tert butyl alcohol	4.985	59	334475	438.226	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	406918	150.892	ug/l	97
13) Acrolein	3.729	56	231450	662.187	ug/l	100
14) Allyl chloride	4.472	41	799089	152.686	ug/l	98
15) Acrylonitrile	5.161	53	810508	744.112	ug/l	99
16) Acetone	3.954	43	936494	737.053	ug/l	100
17) Carbon Disulfide	4.186	76	1336095	146.518	ug/l	99
18) Methyl Acetate	4.472	43	699147	152.302	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	1321869	151.505	ug/l	99
20) Methylene Chloride	4.710	84	477445	146.642	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	447749	146.583	ug/l	98
22) Diisopropyl ether	6.112	45	1526788	150.503	ug/l	99
23) Vinyl Acetate	6.058	43	4988773	784.043	ug/l	100
24) 1,1-Dichloroethane	6.009	63	818688	144.583	ug/l	100
25) 2-Butanone	6.984	43	1221081	771.422	ug/l	97
26) 2,2-Dichloropropane	6.978	77	735600	143.146	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	509160	145.590	ug/l	99
28) Bromochloromethane	7.332	49	382154	142.905	ug/l	98
29) Tetrahydrofuran	7.344	42	767533	779.752	ug/l	99
30) Chloroform	7.502	83	849048	142.812	ug/l	97
31) Cyclohexane	7.783	56	682832	152.695	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	759986	150.704	ug/l	100
36) 1,1-Dichloropropene	7.911	75	629484	156.071	ug/l	99
37) Ethyl Acetate	7.070	43	520425	147.996	ug/l	99
38) Carbon Tetrachloride	7.899	117	691416	152.980	ug/l	99
39) Methylcyclohexane	9.179	83	741747	172.265	ug/l	99
40) Benzene	8.155	78	1828396	146.953	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	717998	441.771	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	647458	141.913	ug/l	100
43) Isopropyl Acetate	8.271	43	931987	157.401	ug/l	99
44) Trichloroethene	8.935	130	481827	147.880	ug/l	98
45) 1,2-Dichloropropane	9.209	63	474613	147.816	ug/l	98
46) Dibromomethane	9.301	93	298529	145.230	ug/l	98
47) Bromodichloromethane	9.490	83	678976	146.629	ug/l	99
48) Methyl methacrylate	9.289	41	430750	159.831	ug/l	98
49) 1,4-Dioxane	9.313	88	90616	3031.331	ug/l #	37
51) 4-Methyl-2-Pentanone	10.069	43	2606574	779.388	ug/l	100
52) Toluene	10.240	92	1132614	148.596	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	752091	151.203	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	802385	151.090	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	394369	145.525	ug/l	98
56) Ethyl methacrylate	10.508	69	627755	161.337	ug/l	99
57) 1,3-Dichloropropane	10.782	76	685643	148.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	1505943	737.028	ug/l	99
59) 2-Hexanone	10.831	43	1917605	791.848	ug/l	99
60) Dibromochloromethane	10.977	129	496869	145.067	ug/l	99
61) 1,2-Dibromoethane	11.087	107	400577	147.120	ug/l	99
64) Tetrachloroethene	10.715	164	417697	150.023	ug/l	98
65) Chlorobenzene	11.514	112	1211408	145.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	470584	144.980	ug/l	99
67) Ethyl Benzene	11.587	91	2220953	153.892	ug/l	100
68) m/p-Xylenes	11.697	106	1670854	303.088	ug/l	99
69) o-Xylene	12.026	106	803135	152.040	ug/l	98
70) Styrene	12.038	104	1381380	152.249	ug/l	100
71) Bromoform	12.203	173	350930	146.650	ug/l	99
73) Isopropylbenzene	12.325	105	2054577	158.724	ug/l	100
74) N-amyl acetate	12.142	43	829009	166.927	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	504462	149.112	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	692170	261.758	ug/l #	100
77) Bromobenzene	12.605	156	521311	148.977	ug/l	98
78) n-propylbenzene	12.666	91	2519674	158.825	ug/l	100
79) 2-Chlorotoluene	12.751	91	1431745	152.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	1718856	154.931	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	196957	158.328	ug/l	98
82) 4-Chlorotoluene	12.849	91	1493259	151.178	ug/l	100
83) tert-Butylbenzene	13.069	119	1438198	154.803	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1714531	154.726	ug/l	100
85) sec-Butylbenzene	13.251	105	2125469	157.329	ug/l	99
86) p-Isopropyltoluene	13.367	119	1796960	157.576	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	973541	146.498	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	972165	144.619	ug/l	99
89) n-Butylbenzene	13.690	91	1747737	162.428	ug/l	99
90) Hexachloroethane	13.959	117	359665	150.276	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	888645	145.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	102824	157.581	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	602750	160.161	ug/l	98
94) Hexachlorobutadiene	15.111	225	319590	159.430	ug/l	98
95) Naphthalene	15.233	128	1474757	152.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	559747	163.299	ug/l	99

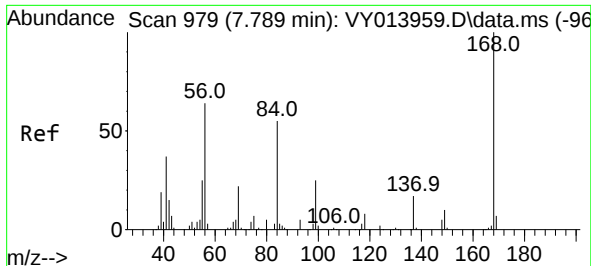
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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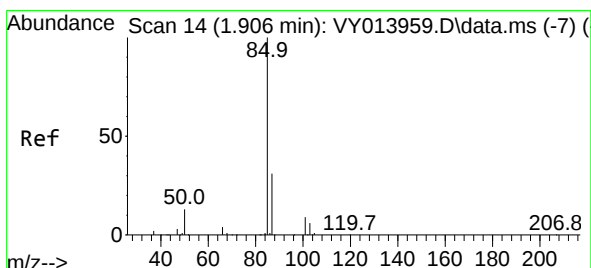
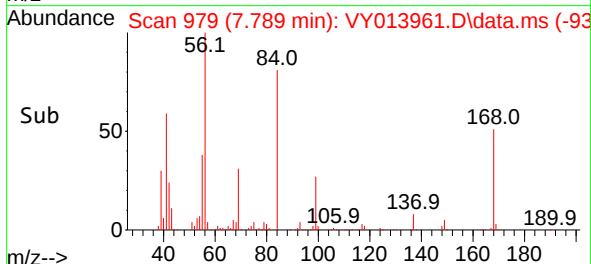
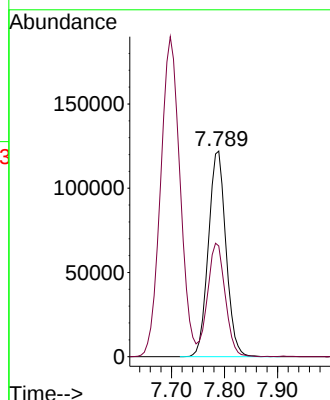
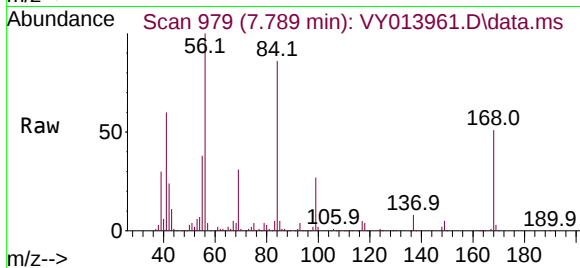
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

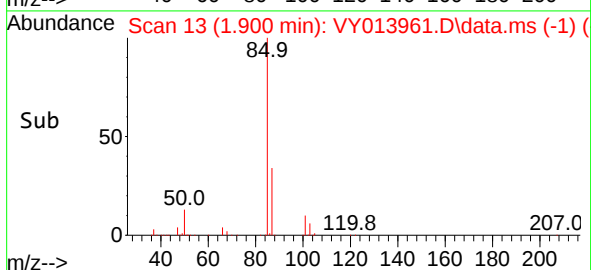
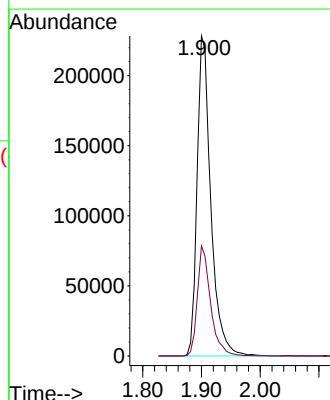
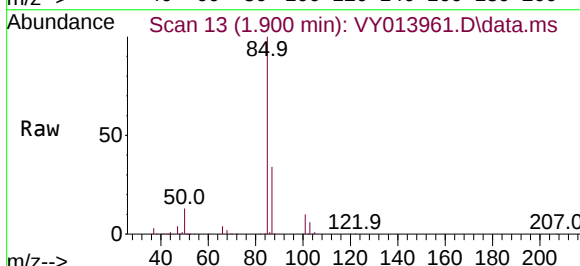
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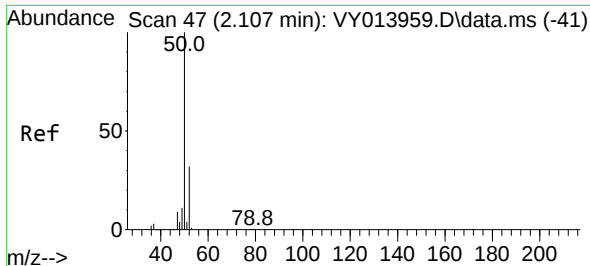
Tgt Ion:168 Resp: 280544
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 150.198 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 85 Resp: 370756
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.8

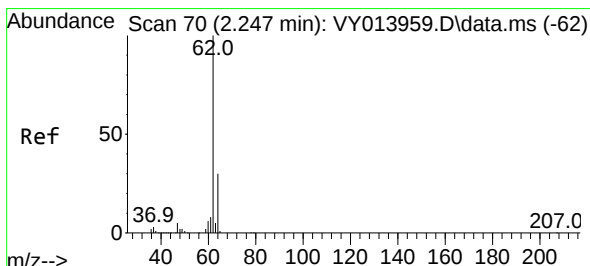
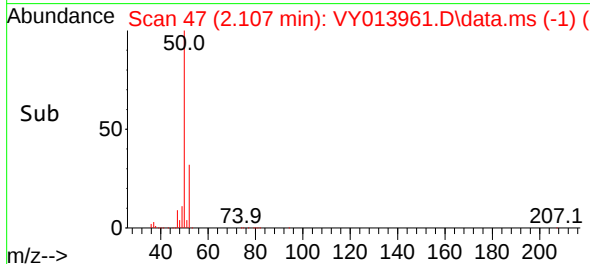
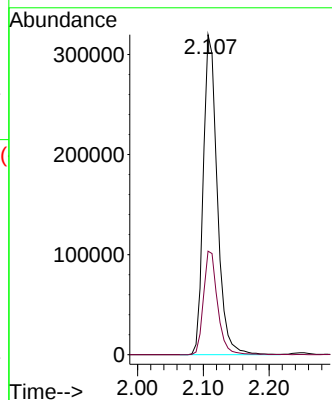
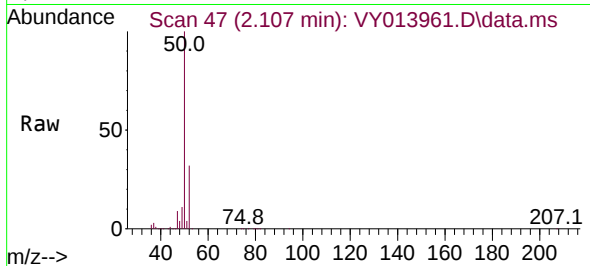




#3
Chloromethane
Concen: 138.224 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

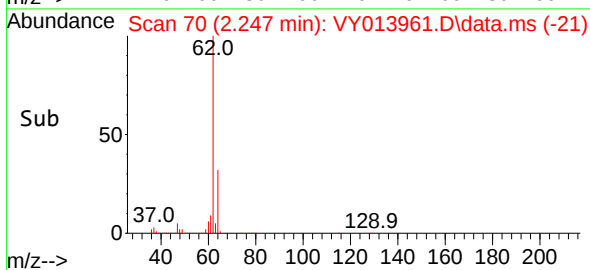
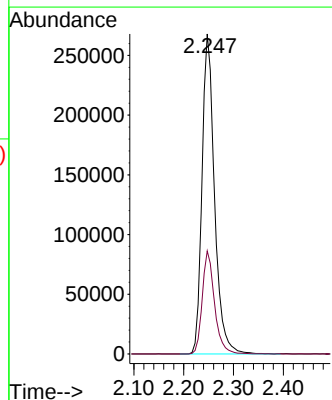
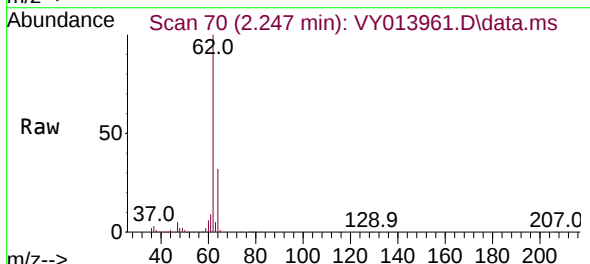
Instrument :
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ClientSampleId :
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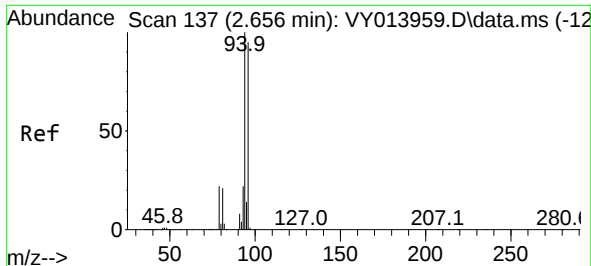
Tgt Ion: 50 Resp: 472563
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 147.212 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 62 Resp: 466245
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

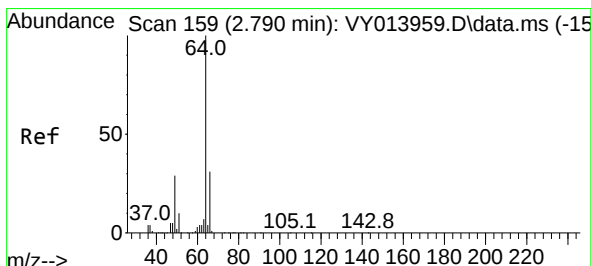
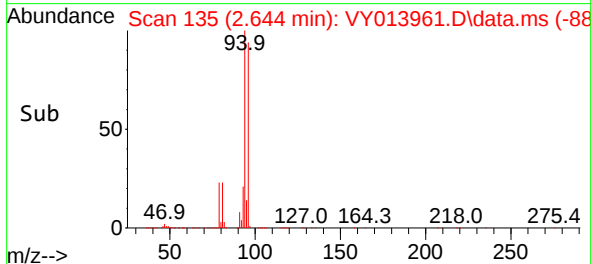
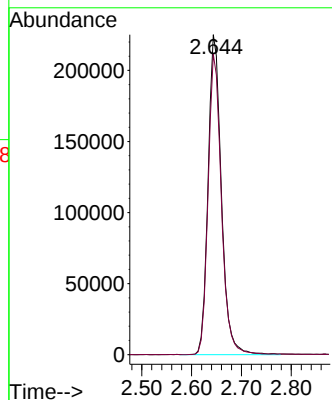
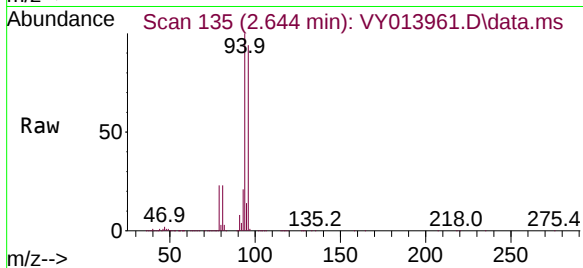




#5
Bromomethane
Concen: 151.226 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

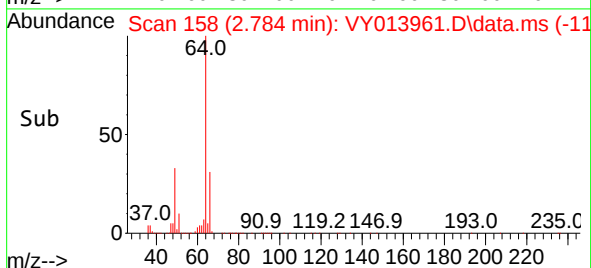
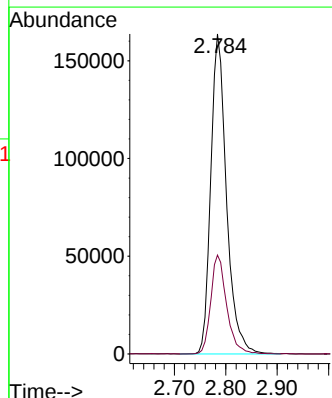
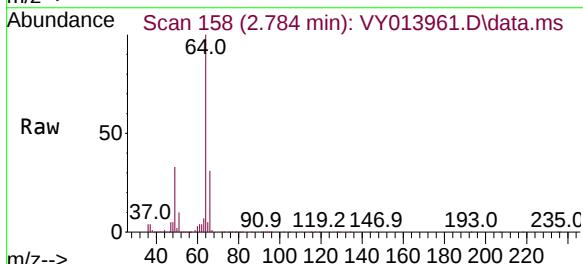
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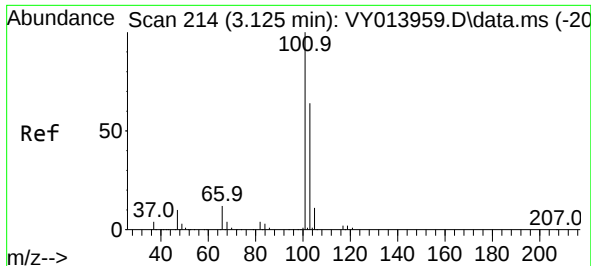
Tgt Ion: 94 Resp: 417057
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.6



#6
Chloroethane
Concen: 153.235 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 64 Resp: 347329
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

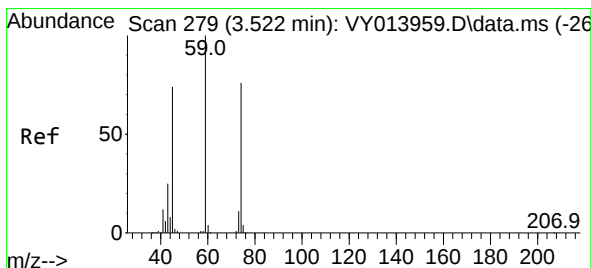
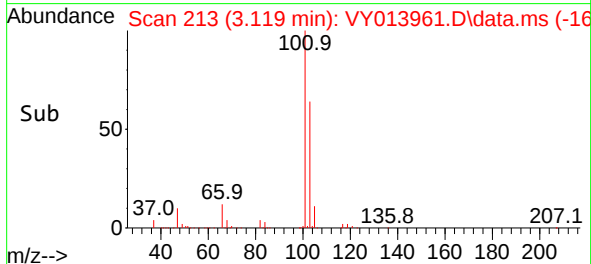
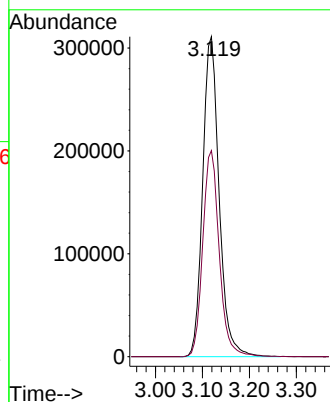
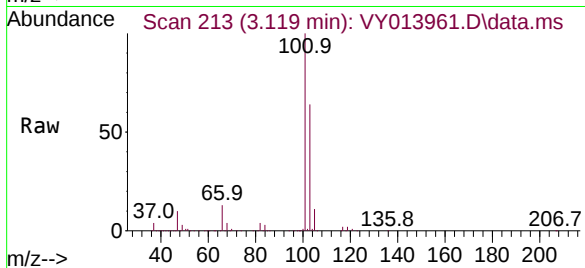




#7
 Trichlorofluoromethane
 Concen: 150.596 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

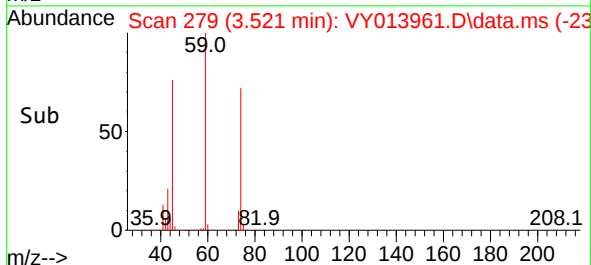
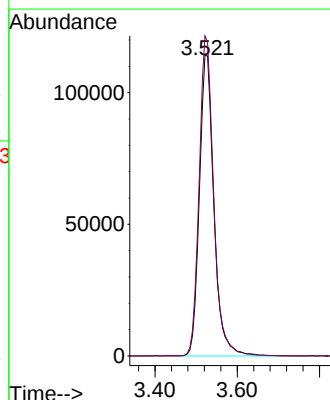
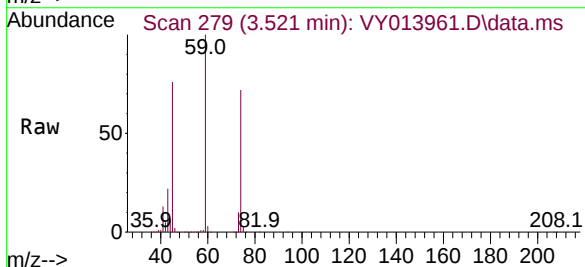
Instrument :
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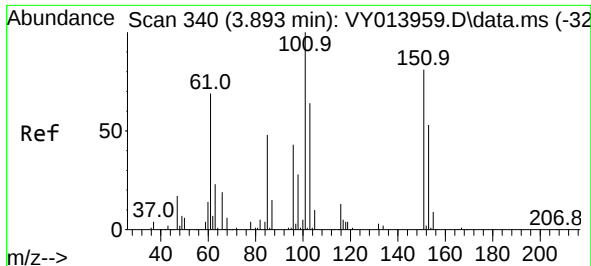
Tgt Ion:101 Resp: 754005
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 142.229 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

Tgt Ion: 74 Resp: 279176
 Ion Ratio Lower Upper
 74 100
 45 106.7 51.5 154.5

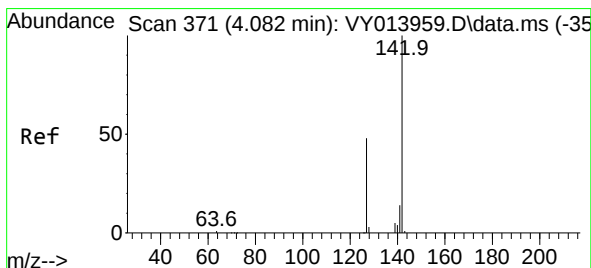
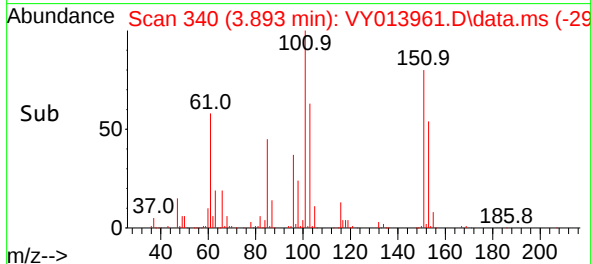
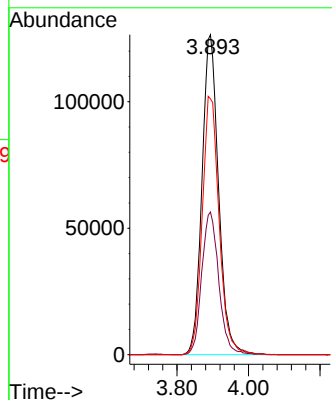
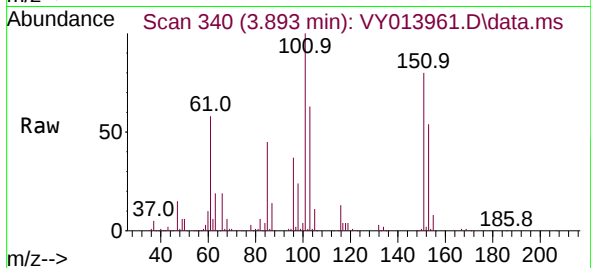




#9
1,1,2-Trichlorotrifluoroethane
Concen: 158.289 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY013961.D
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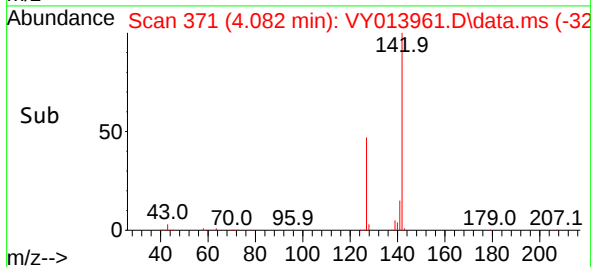
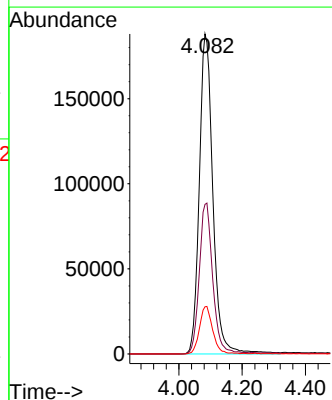
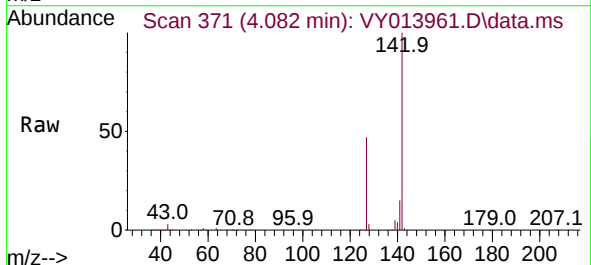
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

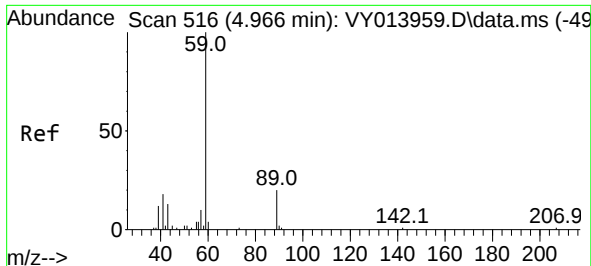
Tgt Ion:101 Resp: 407122
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 82.1 67.0 100.6



#10
Methyl Iodide
Concen: 158.785 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion:142 Resp: 562856
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.4 11.8 17.8

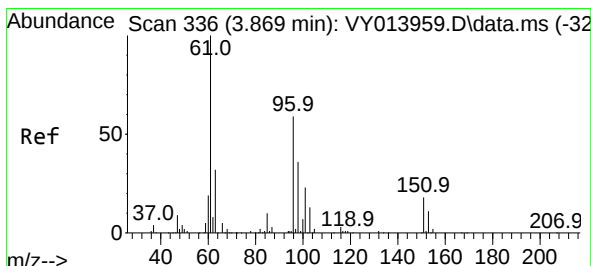
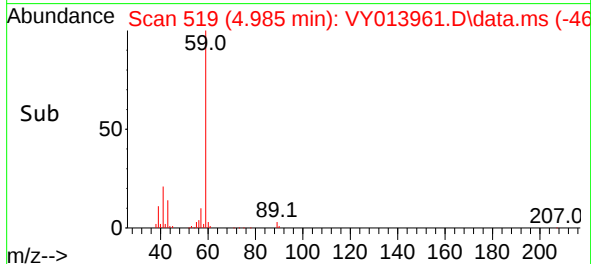
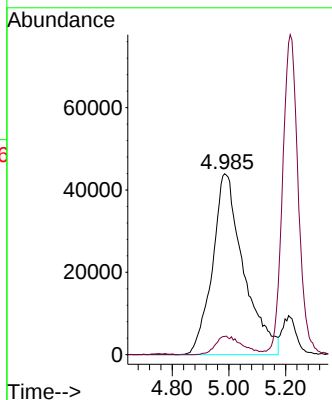
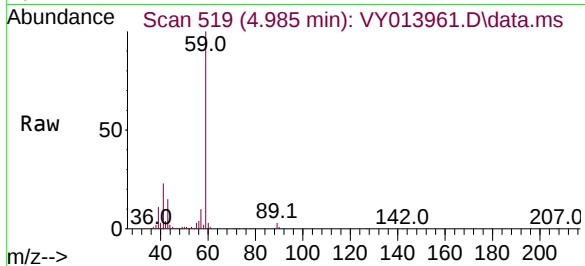




#11
Tert butyl alcohol
Concen: 438.226 ug/l
RT: 4.985 min Scan# 516
Delta R.T. 0.019 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

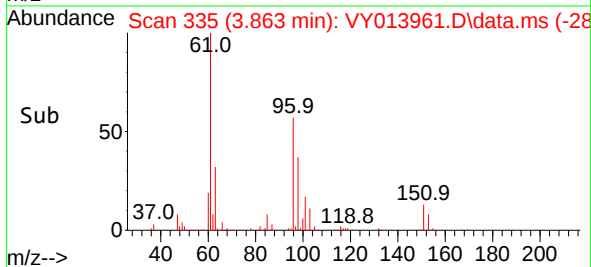
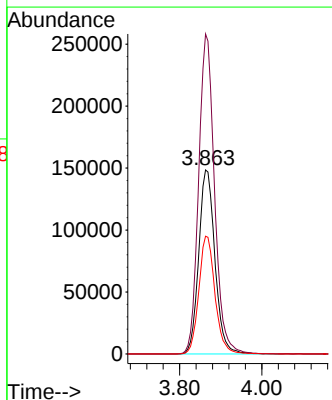
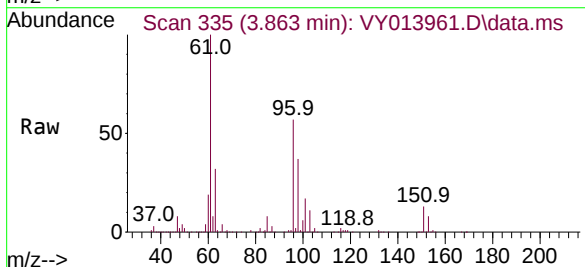
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

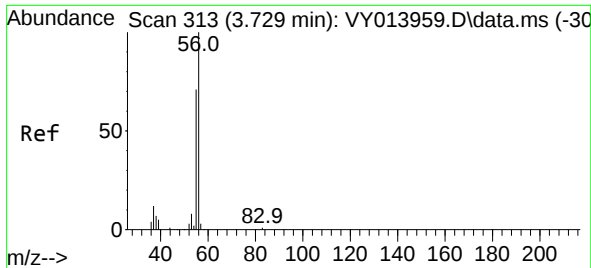
Tgt Ion: 59 Resp: 334475
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 150.892 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 96 Resp: 406918
Ion Ratio Lower Upper
96 100
61 173.9 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 662.187 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

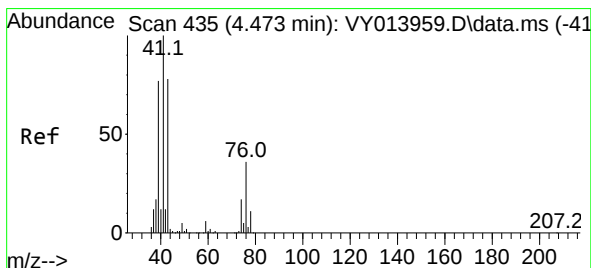
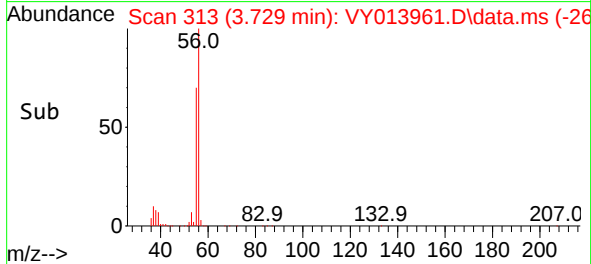
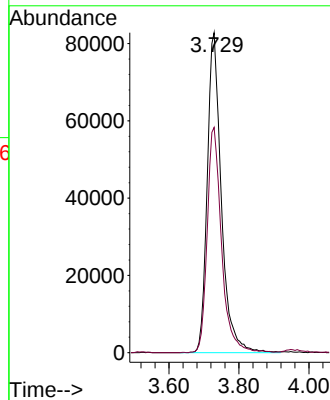
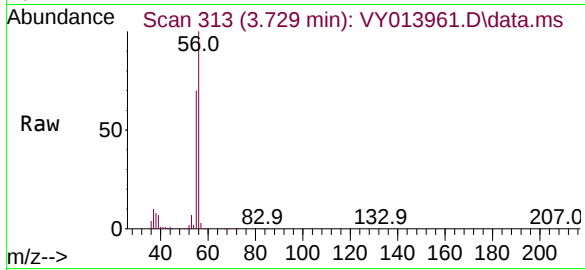
VSTDIC150

Tgt Ion: 56 Resp: 231450

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 152.686 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

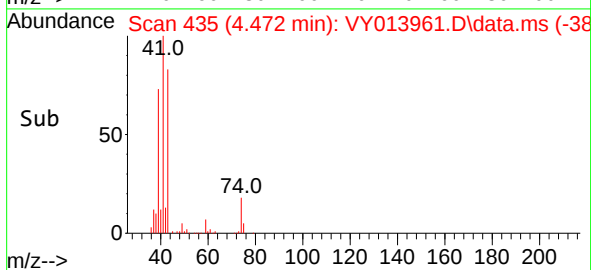
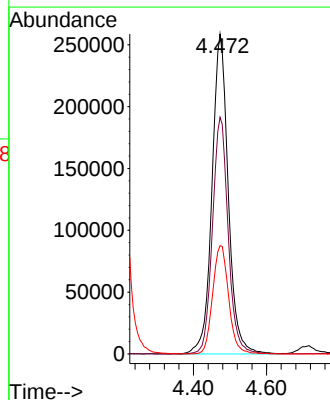
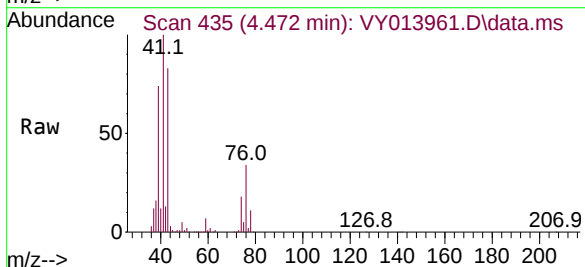
Tgt Ion: 41 Resp: 799089

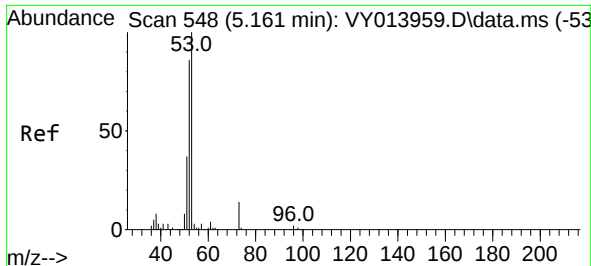
Ion Ratio Lower Upper

41 100

39 71.4 58.0 87.0

76 33.2 27.4 41.2

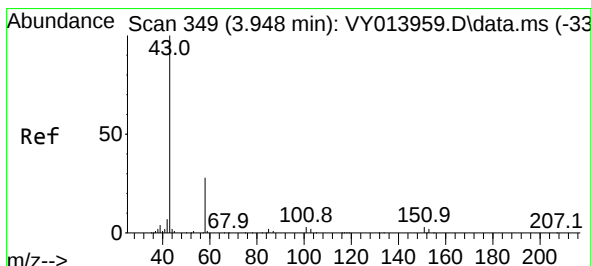
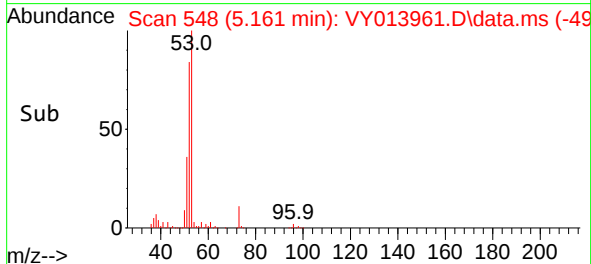
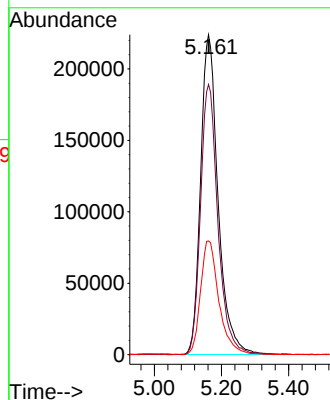
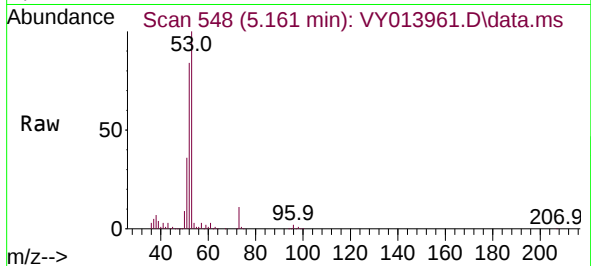




#15
Acrylonitrile
Concen: 744.112 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

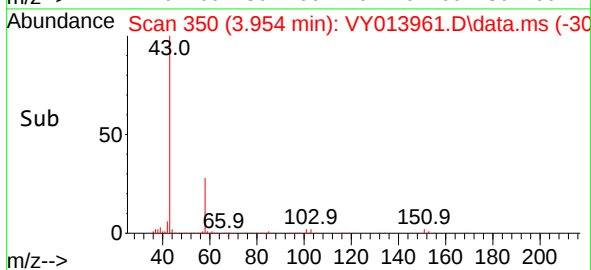
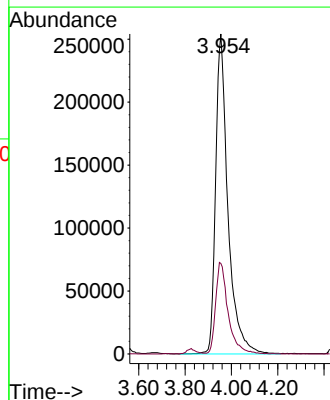
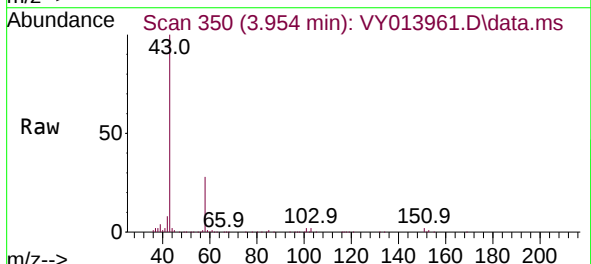
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

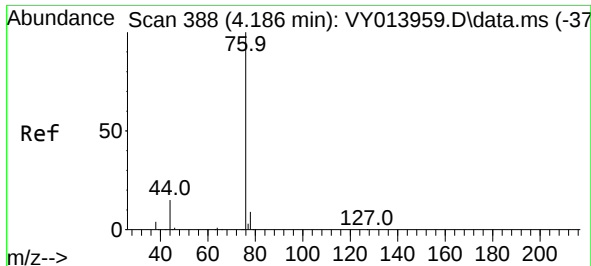
Tgt Ion: 53 Resp: 810508
Ion Ratio Lower Upper
53 100
52 84.3 66.9 100.3
51 37.1 29.8 44.6



#16
Acetone
Concen: 737.053 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 43 Resp: 936494
Ion Ratio Lower Upper
43 100
58 28.2 22.7 34.1

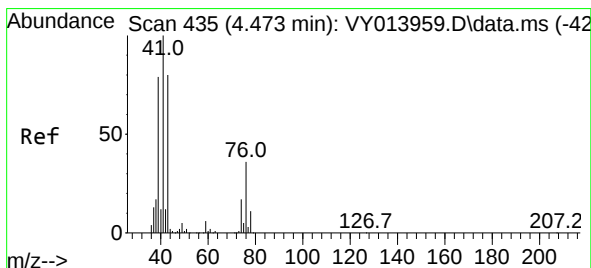
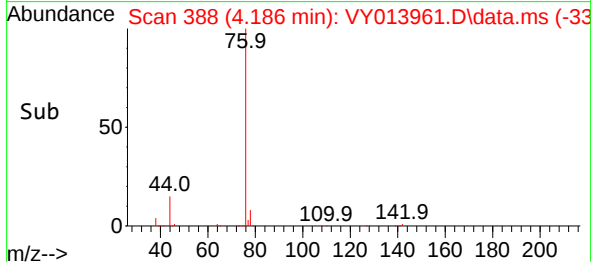
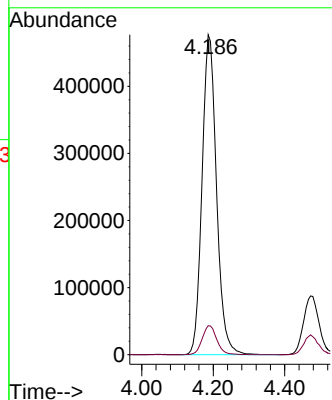
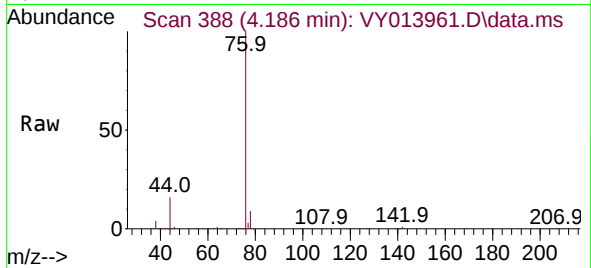




#17
Carbon Disulfide
Concen: 146.518 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

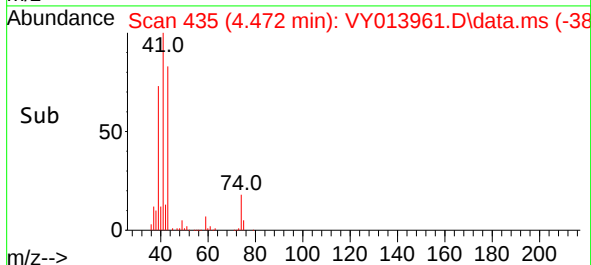
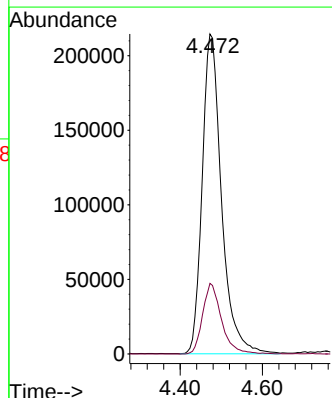
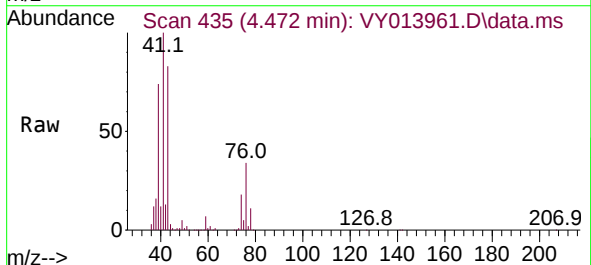
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

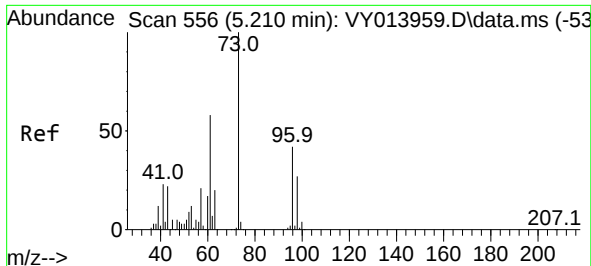
Tgt Ion: 76 Resp: 1336095
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 152.302 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 43 Resp: 699147
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0

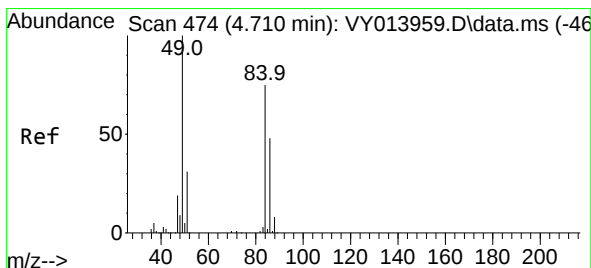
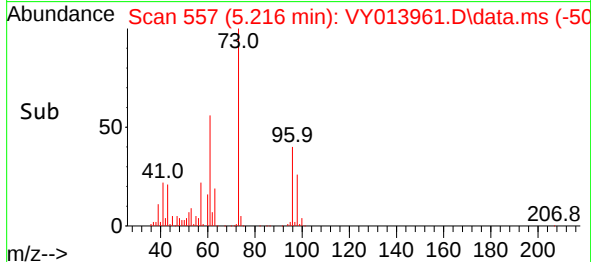
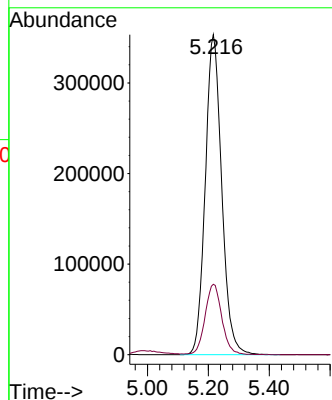
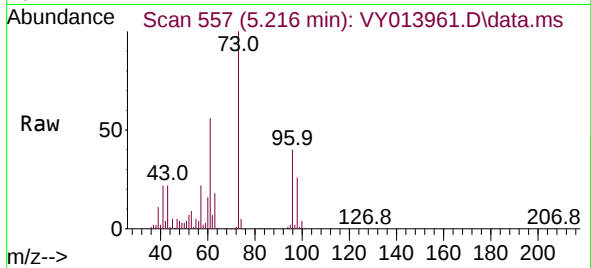




#19
Methyl tert-butyl Ether
Concen: 151.505 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

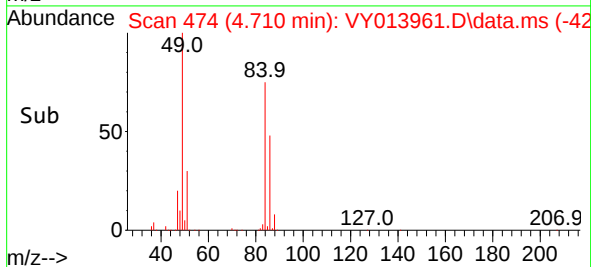
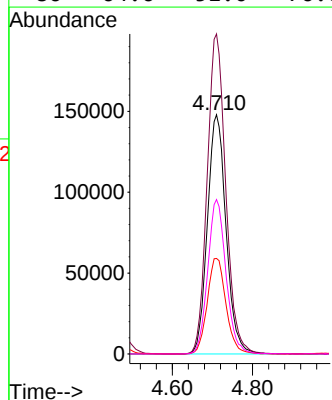
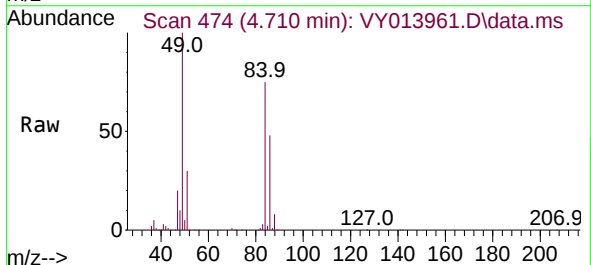
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

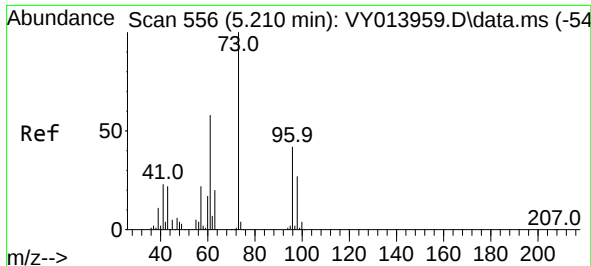
Tgt Ion: 73 Resp: 1321869
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 146.642 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 84 Resp: 477445
Ion Ratio Lower Upper
84 100
49 133.8 106.9 160.3
51 39.9 33.2 49.8
86 64.6 51.0 76.6

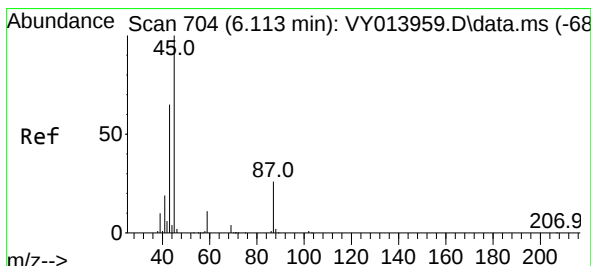
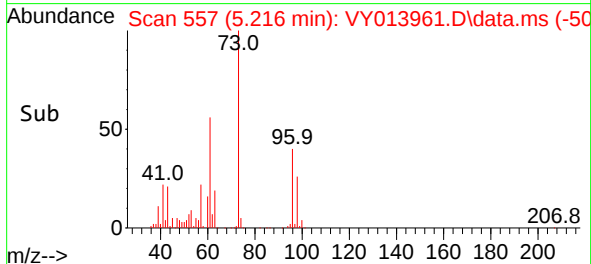
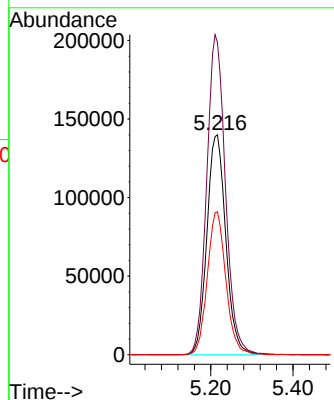
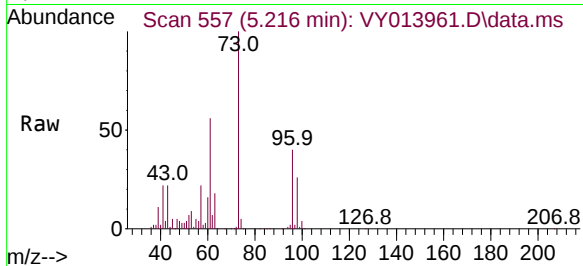




#21
trans-1,2-Dichloroethene
Concen: 146.583 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

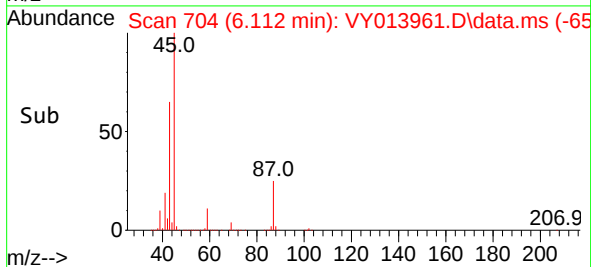
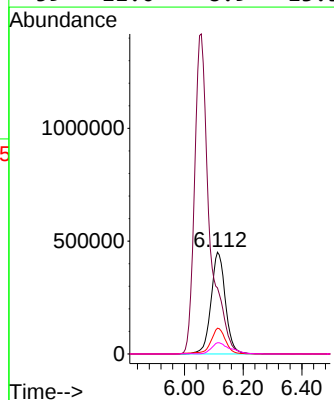
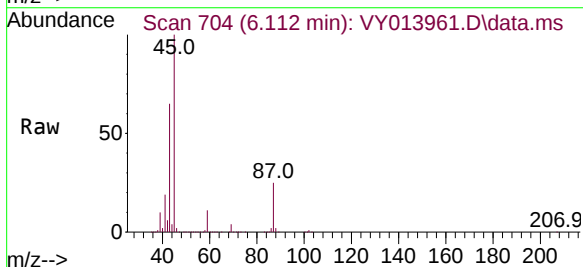
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

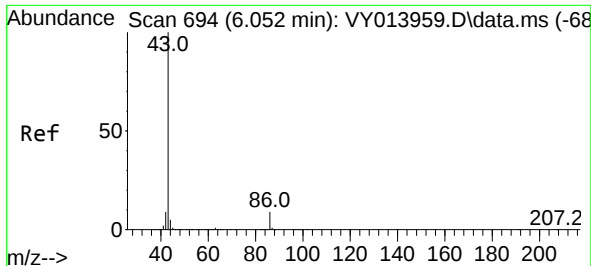
Tgt Ion: 96 Resp: 447749
Ion Ratio Lower Upper
96 100
61 141.9 110.2 165.4
98 65.0 51.8 77.6



#22
Diisopropyl ether
Concen: 150.503 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 45 Resp: 1526788
Ion Ratio Lower Upper
45 100
43 64.8 52.2 78.4
87 25.3 21.0 31.6
59 11.0 8.9 13.3

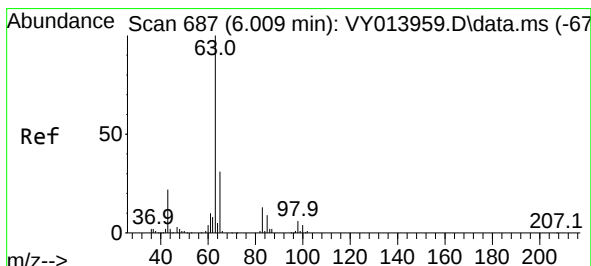
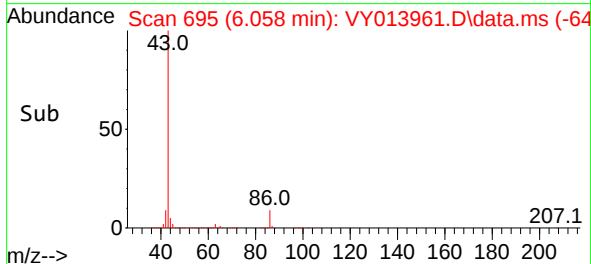
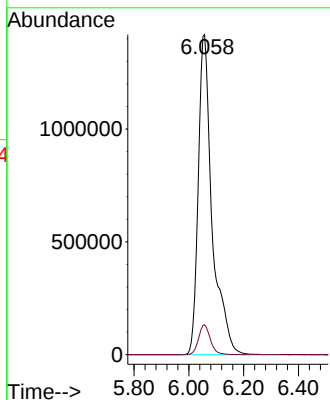
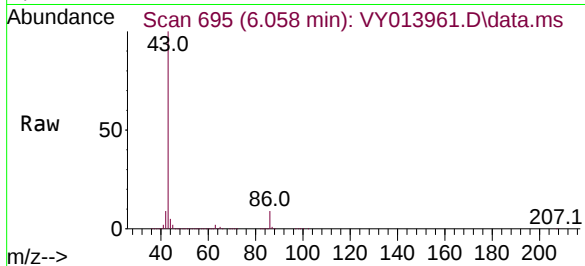




#23
 Vinyl Acetate
 Concen: 784.043 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

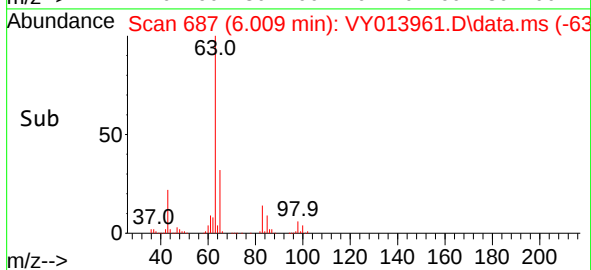
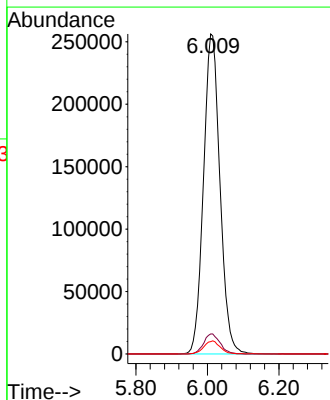
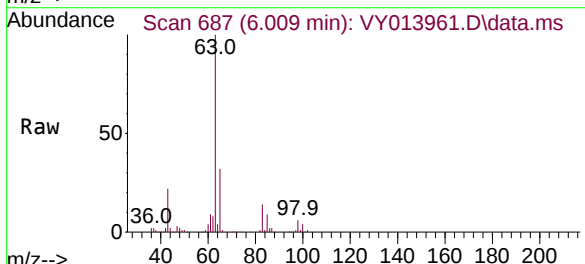
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

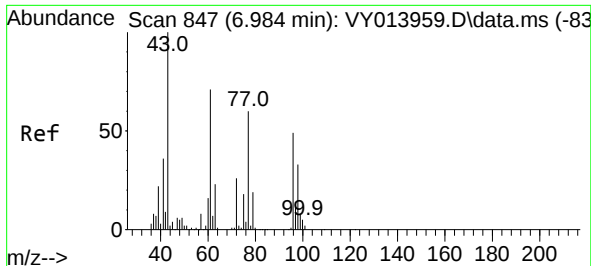
Tgt Ion: 43 Resp: 4988773
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 144.583 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

Tgt Ion: 63 Resp: 818688
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 3.9 1.8 5.5

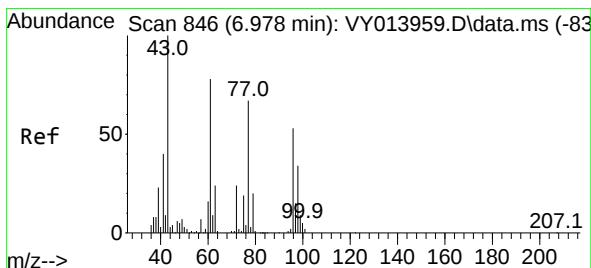
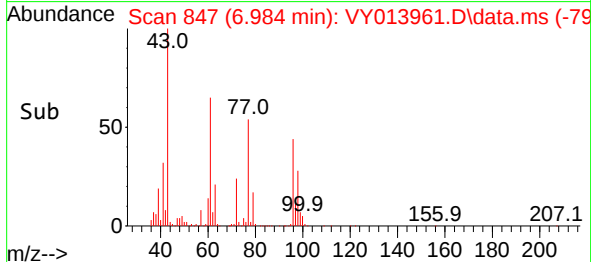
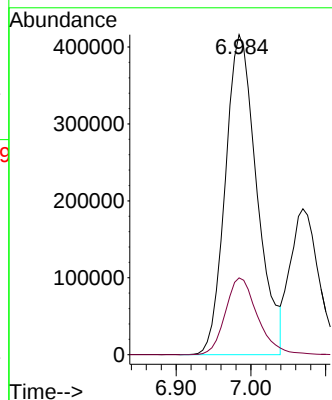
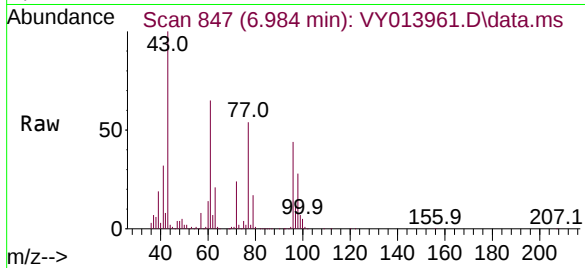




#25
2-Butanone
Concen: 771.422 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

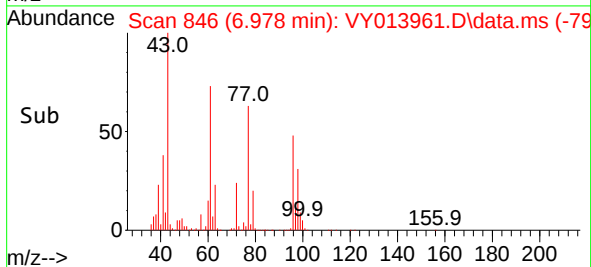
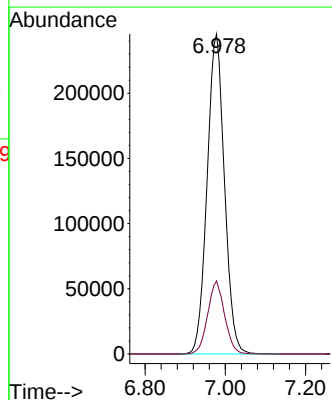
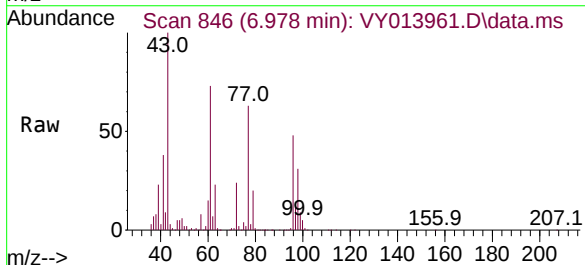
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

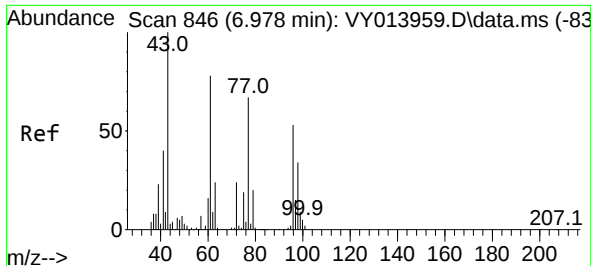
Tgt Ion: 43 Resp: 1221081
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 143.146 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 77 Resp: 735600
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9

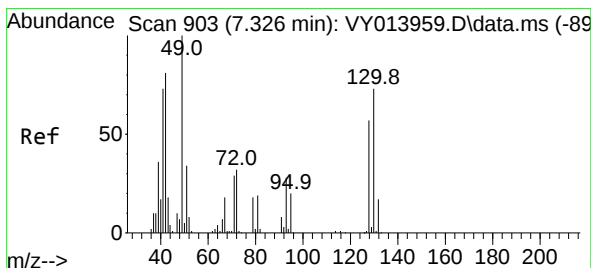
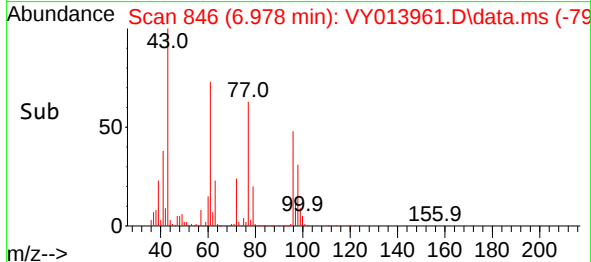
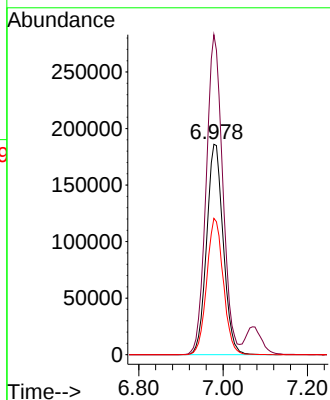
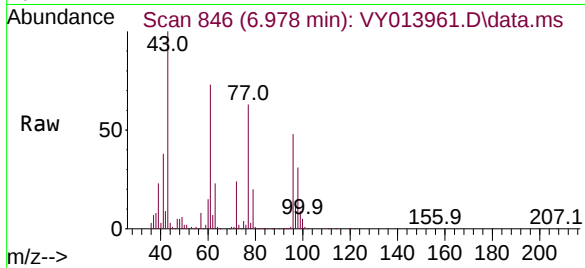




#27
 cis-1,2-Dichloroethene
 Concen: 145.590 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

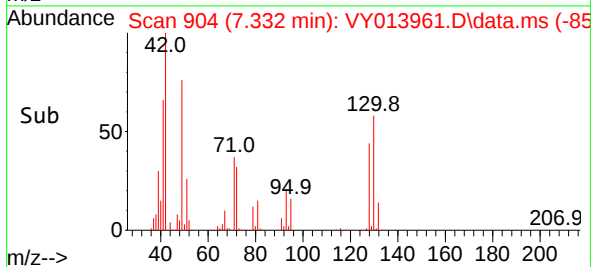
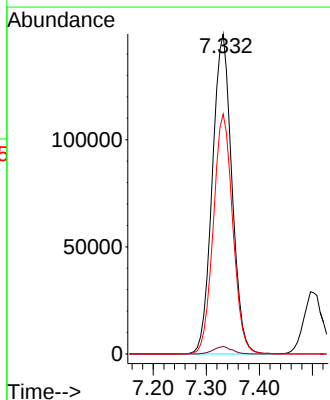
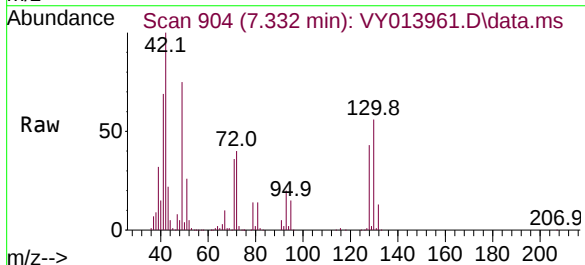
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

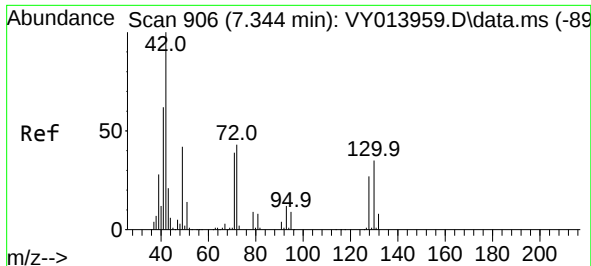
Tgt Ion: 96 Resp: 509160
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 301.4
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 142.905 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

Tgt Ion: 49 Resp: 382154
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 74.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 779.752 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

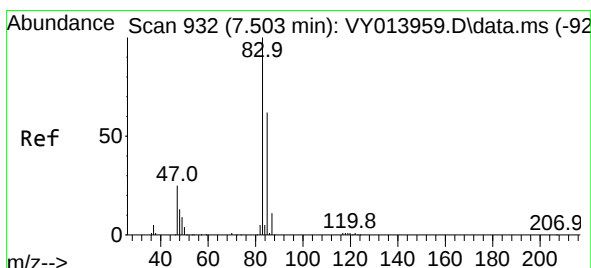
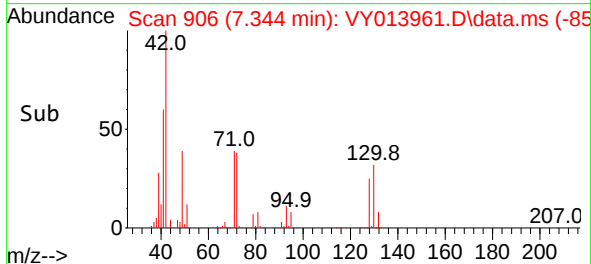
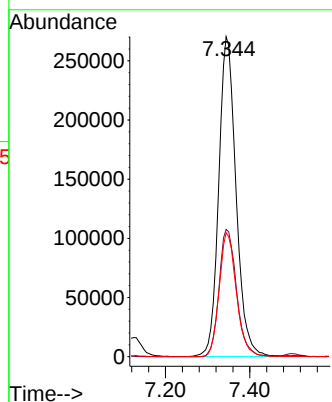
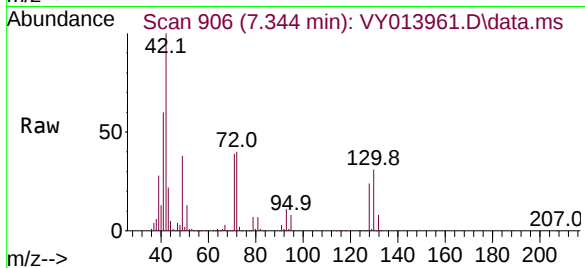
Tgt Ion: 42 Resp: 767533

Ion Ratio Lower Upper

42 100

72 40.3 32.8 49.2

71 38.4 31.0 46.4



#30

Chloroform

Concen: 142.812 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013961.D

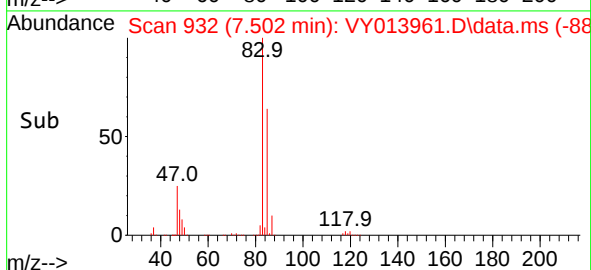
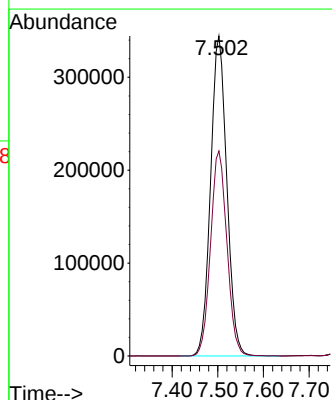
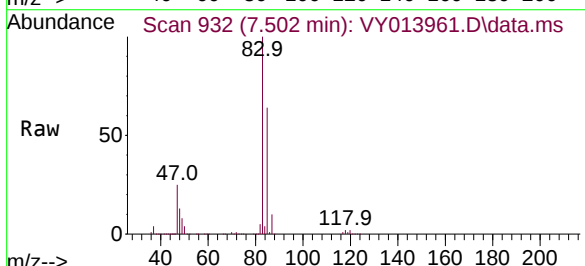
Acq: 01 Jun 2023 13:14

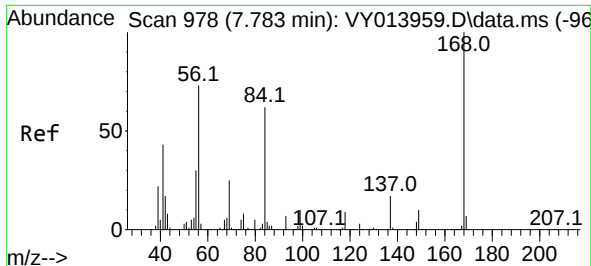
Tgt Ion: 83 Resp: 849048

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5

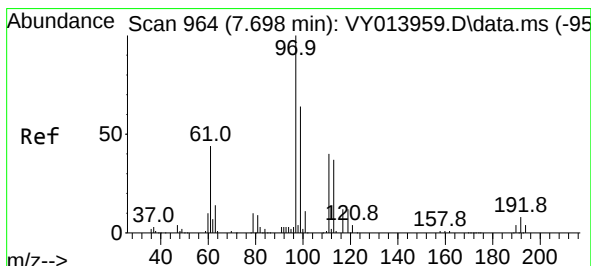
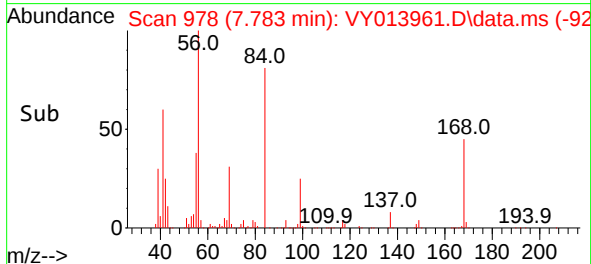
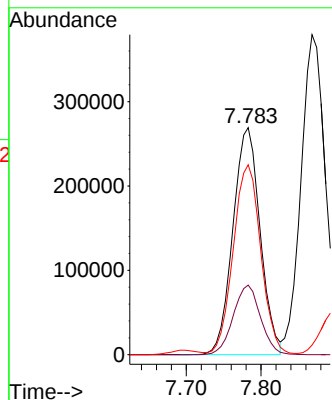
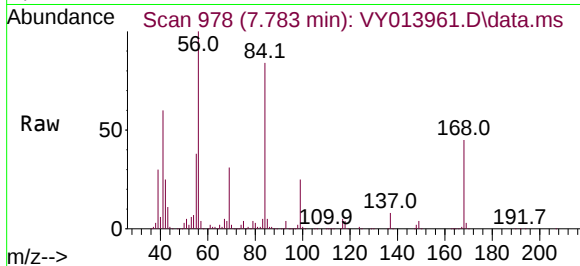




#31
Cyclohexane
Concen: 152.695 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

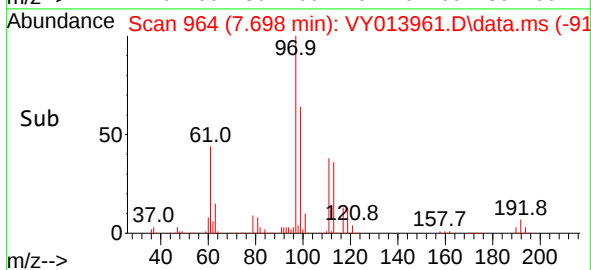
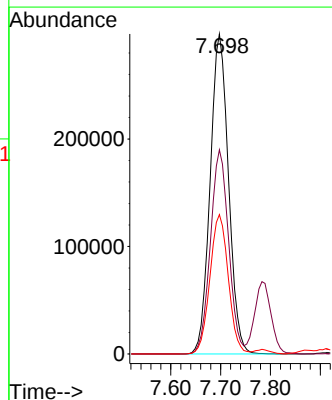
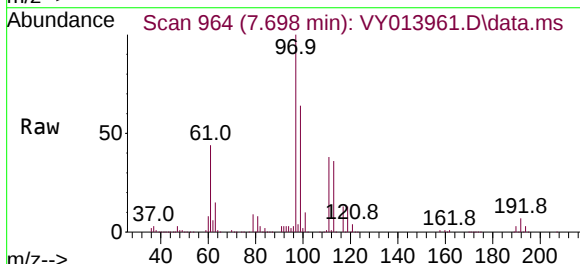
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

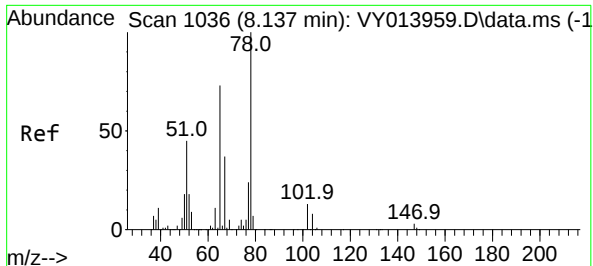
Tgt Ion: 56 Resp: 682832
Ion Ratio Lower Upper
56 100
69 30.7 27.8 41.6
84 81.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 150.704 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 97 Resp: 759986
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 43.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 140.731 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

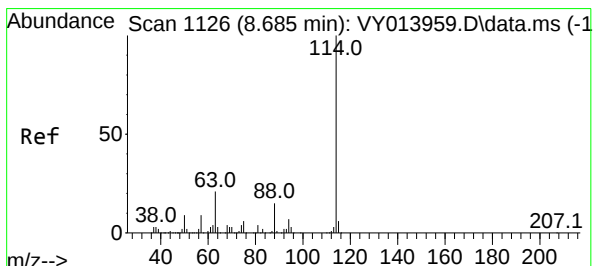
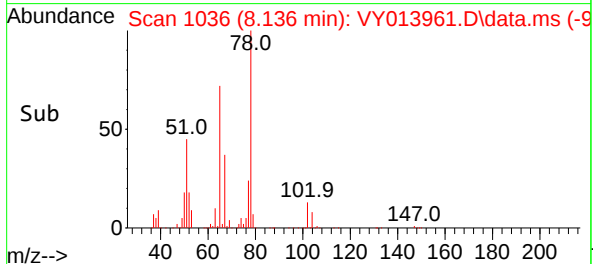
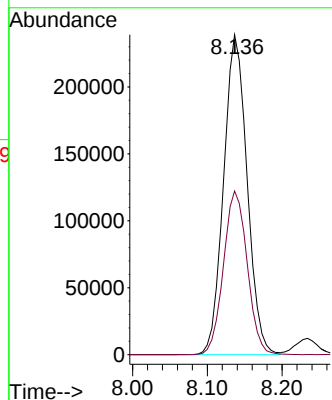
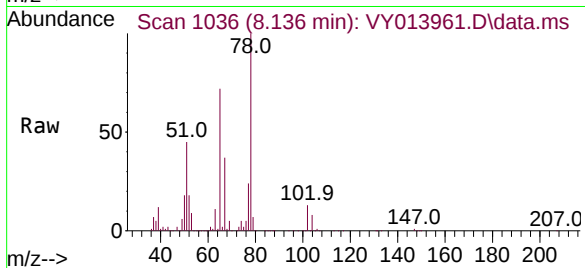
VSTDIC150

Tgt Ion: 65 Resp: 522640

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

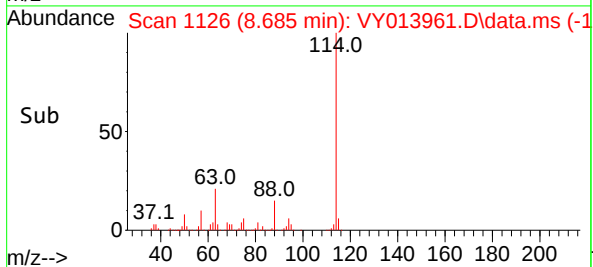
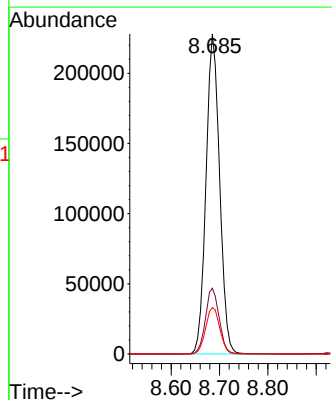
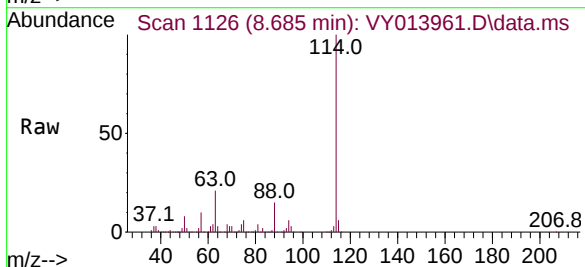
Tgt Ion: 114 Resp: 445471

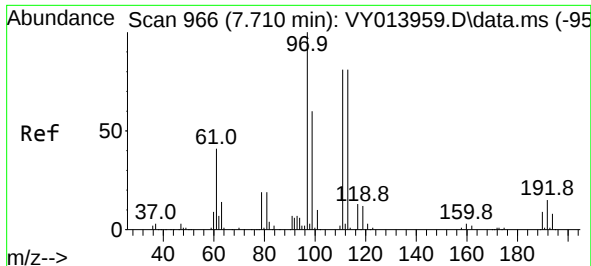
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 14.5 0.0 30.6

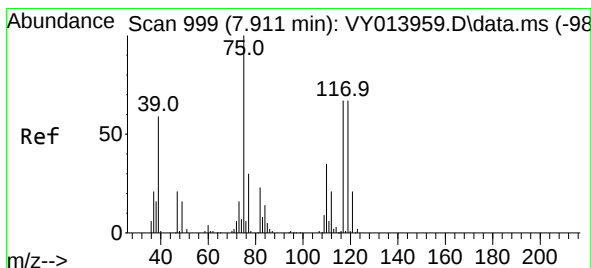
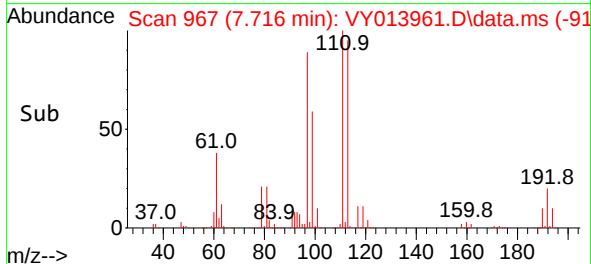
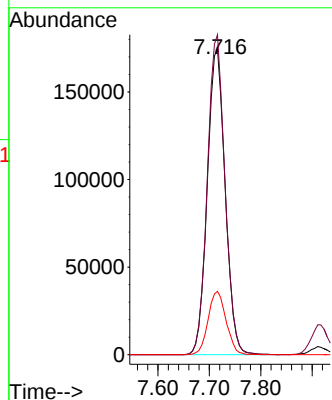
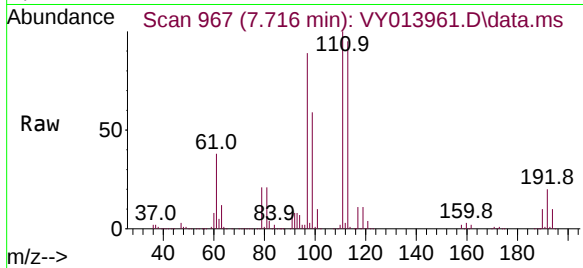




#35
Dibromofluoromethane
Concen: 148.767 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

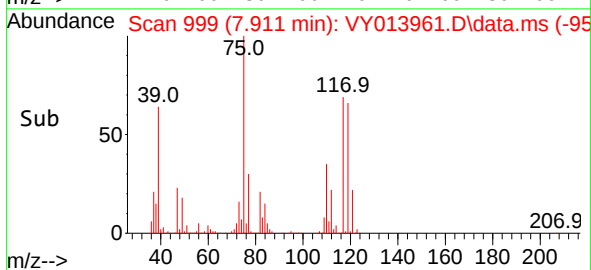
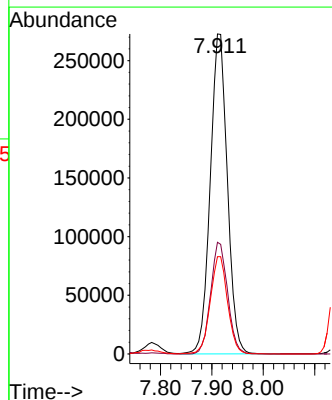
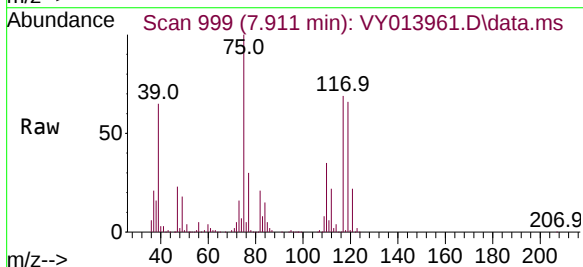
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

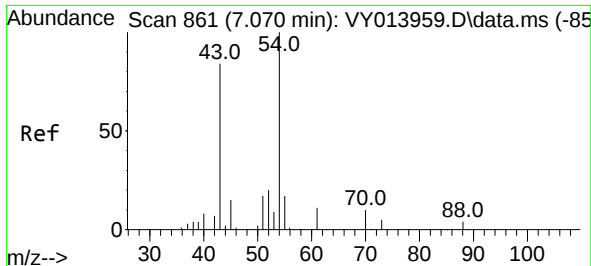
Tgt Ion:113 Resp: 421162
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 156.071 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 75 Resp: 629484
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 147.996 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

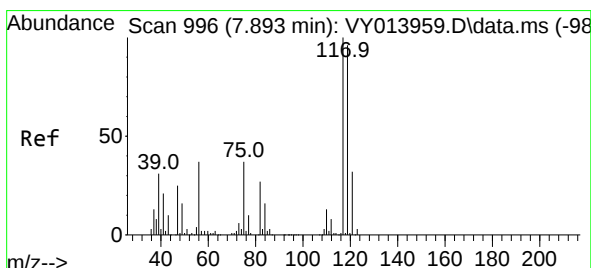
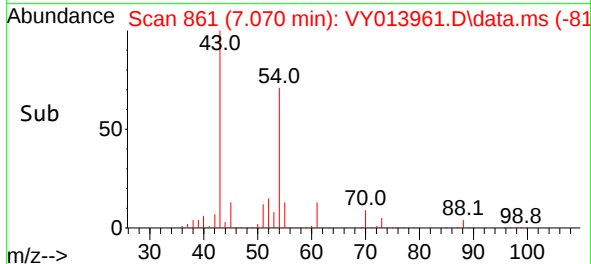
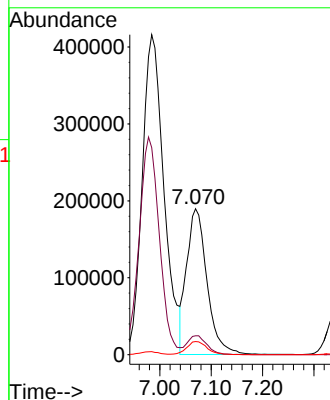
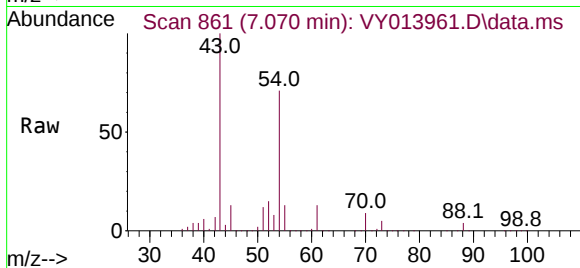
Tgt Ion: 43 Resp: 520425

Ion Ratio Lower Upper

43 100

61 12.9 10.1 15.1

70 9.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 152.980 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

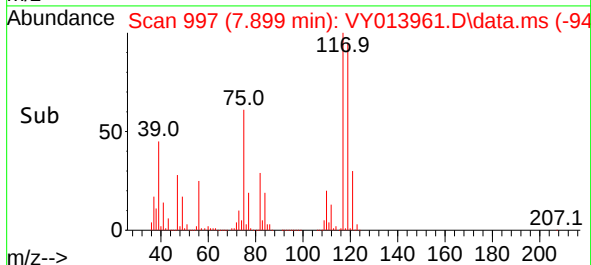
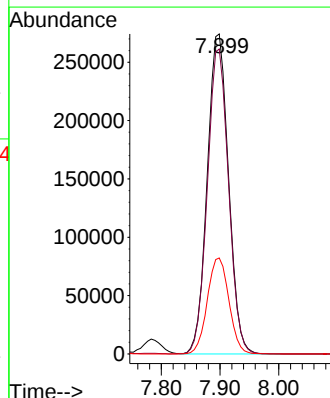
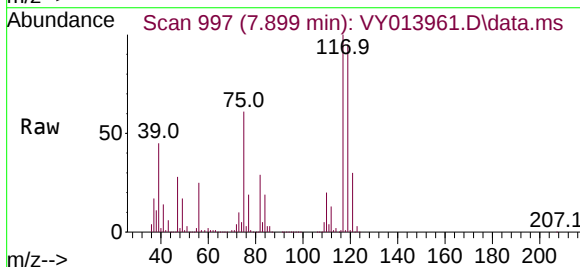
Tgt Ion: 117 Resp: 691416

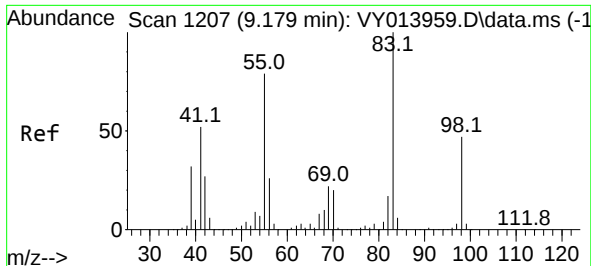
Ion Ratio Lower Upper

117 100

119 95.3 76.4 114.6

121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 172.265 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

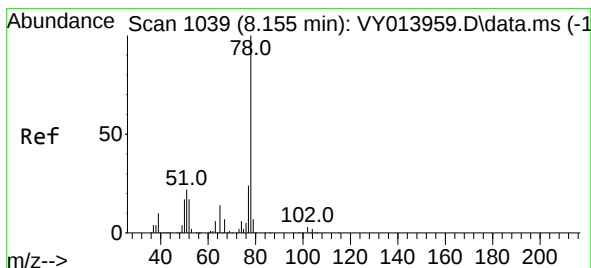
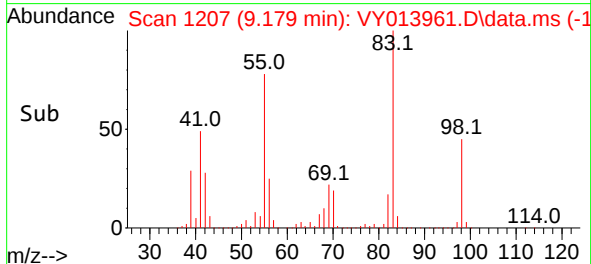
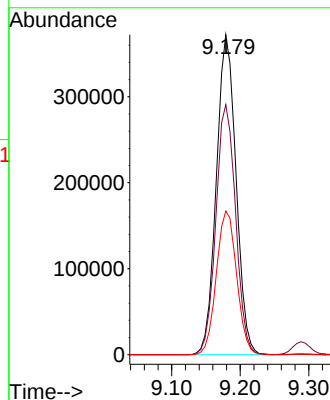
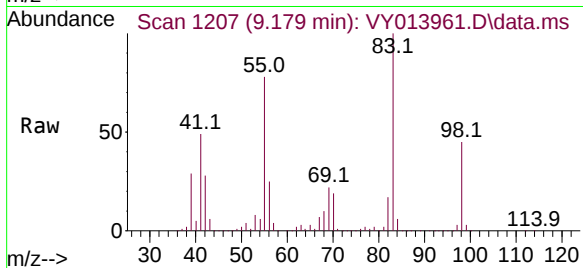
Tgt Ion: 83 Resp: 741747

Ion Ratio Lower Upper

83 100

55 78.1 63.0 94.4

98 44.9 37.4 56.2



#40

Benzene

Concen: 146.953 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013961.D

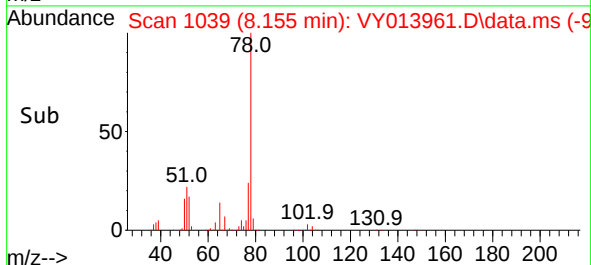
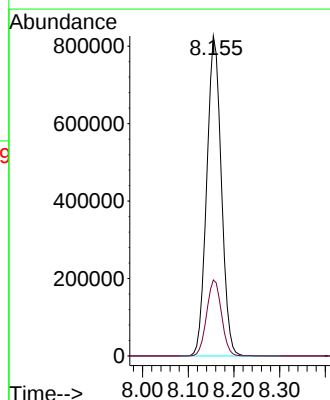
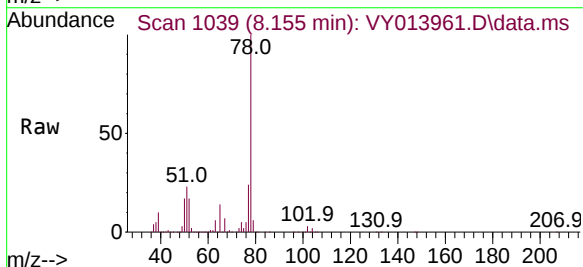
Acq: 01 Jun 2023 13:14

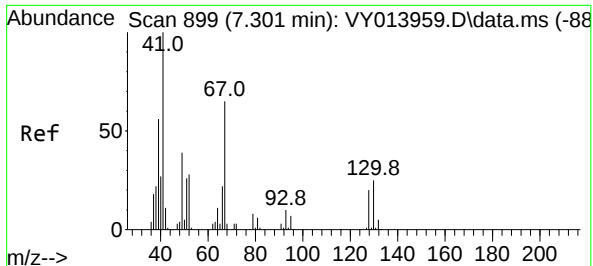
Tgt Ion: 78 Resp: 1828396

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

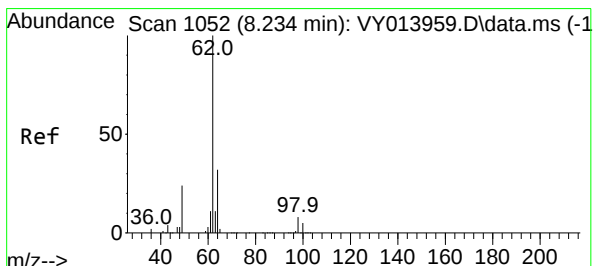
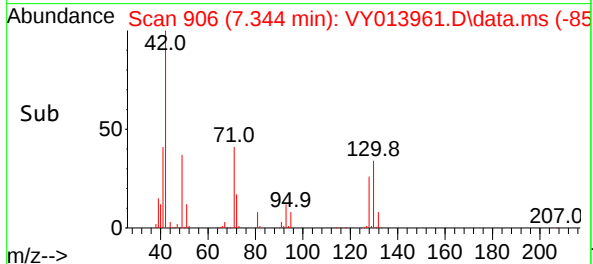
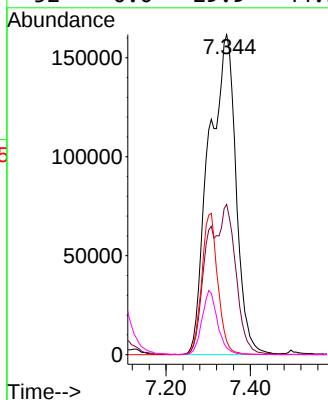
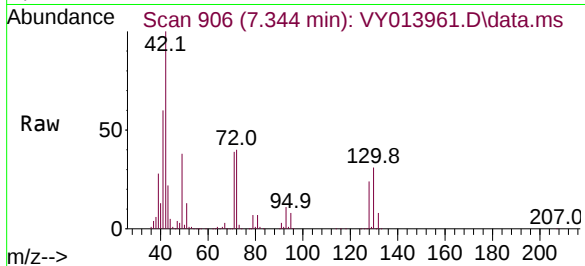




#41
Methacrylonitrile
Concen: 441.771 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

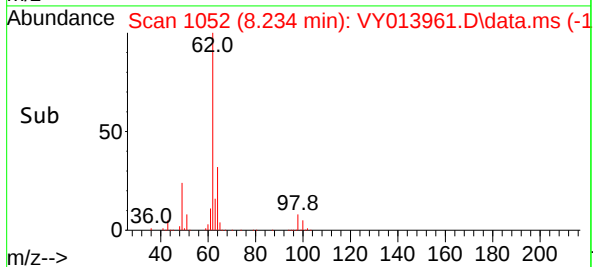
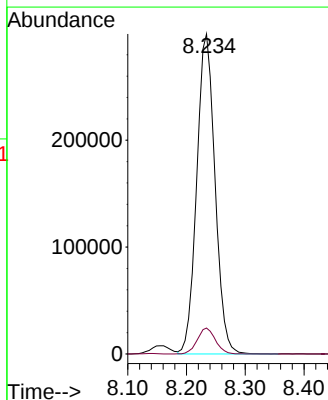
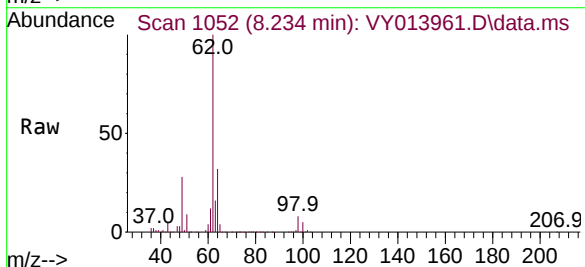
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

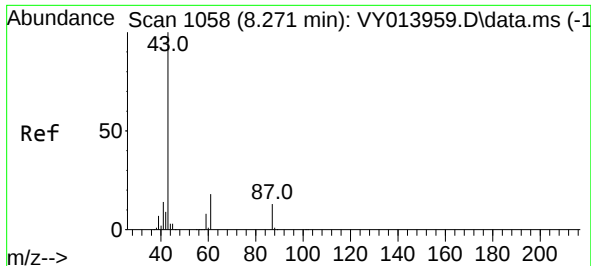
Tgt Ion: 41 Resp: 717998
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 141.913 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 62 Resp: 647458
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8

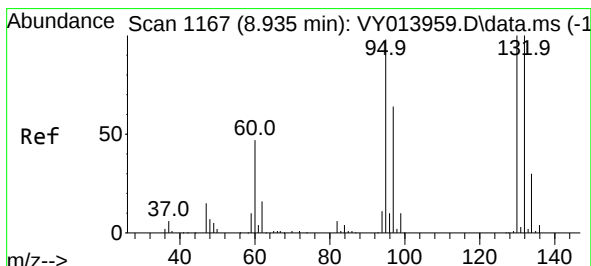
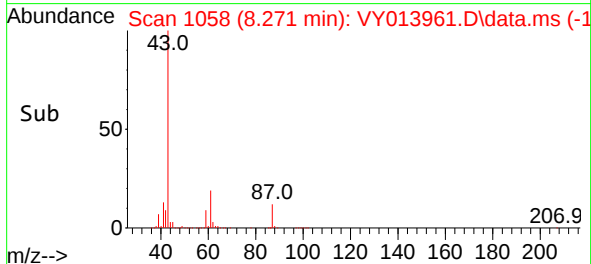
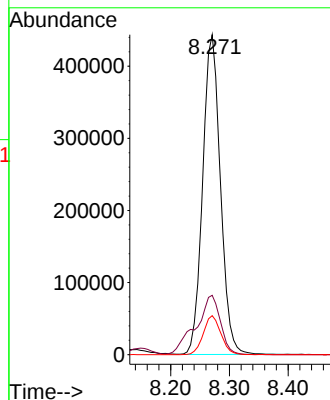
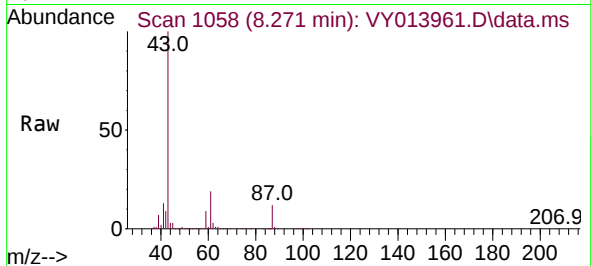




#43
Isopropyl Acetate
Concen: 157.401 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

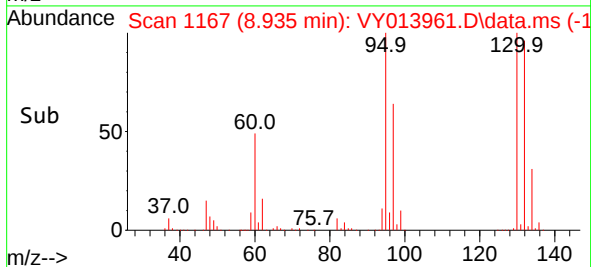
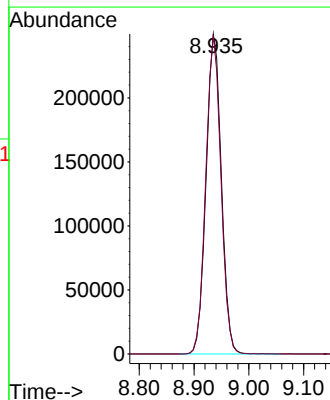
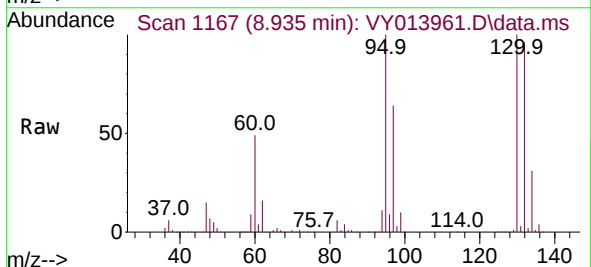
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

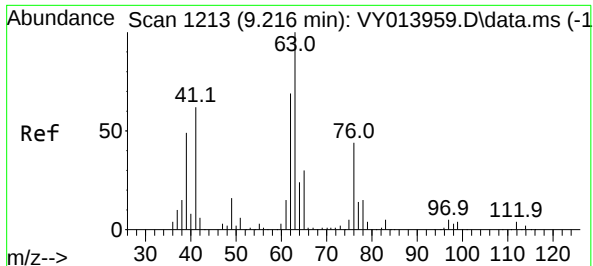
Tgt Ion: 43 Resp: 931987
Ion Ratio Lower Upper
43 100
61 25.8 21.1 31.7
87 12.1 9.8 14.8



#44
Trichloroethene
Concen: 147.880 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 130 Resp: 481827
Ion Ratio Lower Upper
130 100
95 99.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 147.816 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

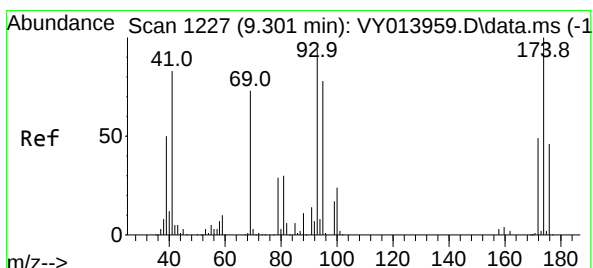
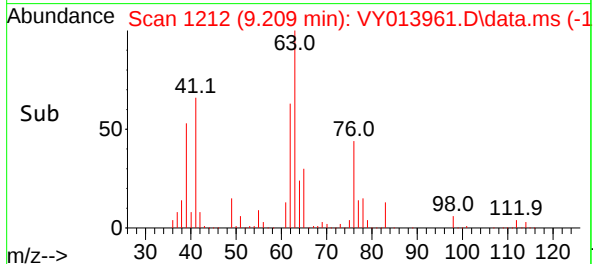
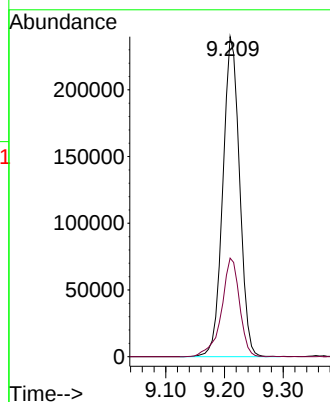
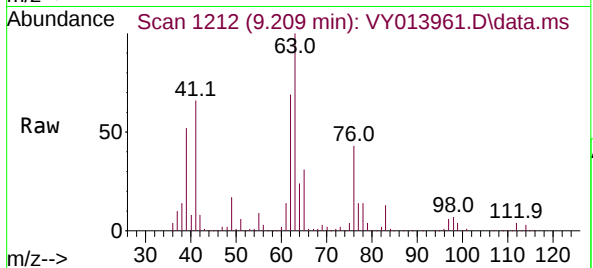
VSTDIC150

Tgt Ion: 63 Resp: 474613

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 145.230 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

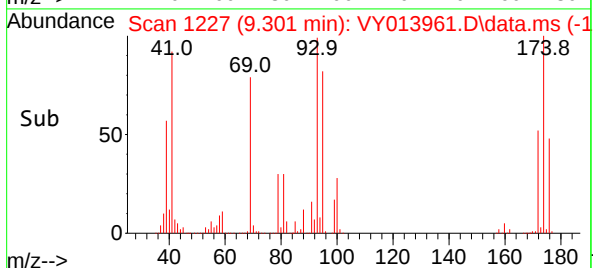
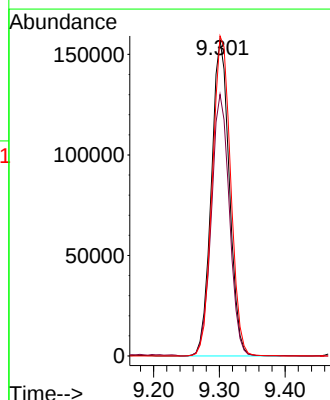
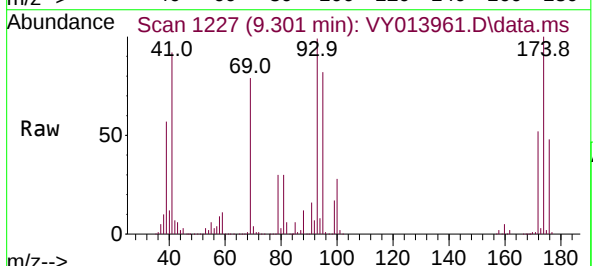
Tgt Ion: 93 Resp: 298529

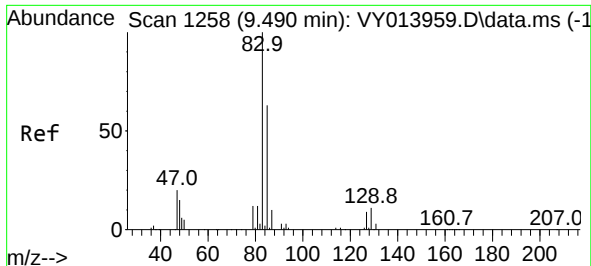
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 103.1 84.8 127.2

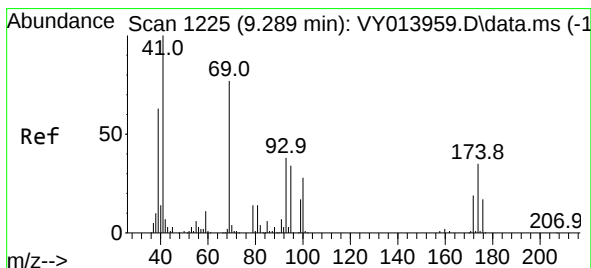
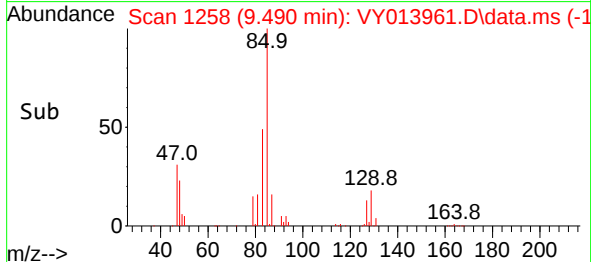
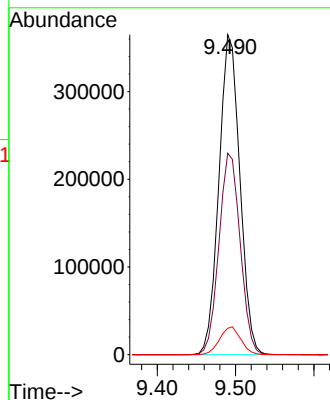
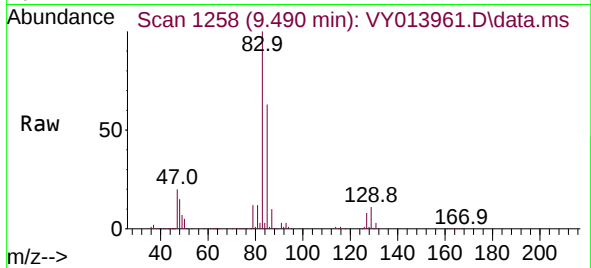




#47
Bromodichloromethane
Concen: 146.629 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

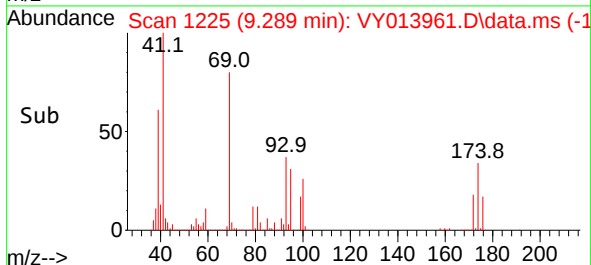
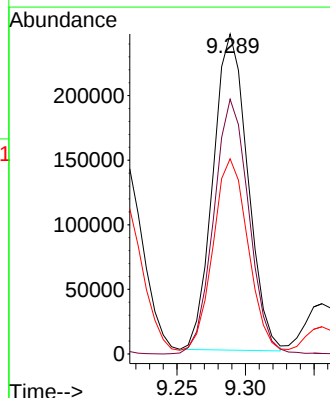
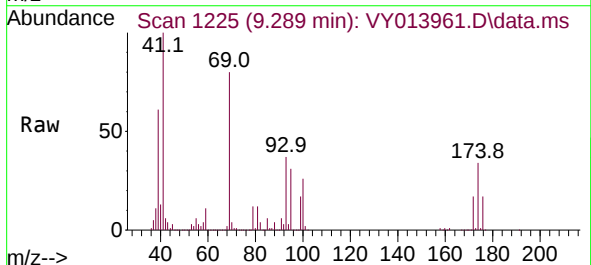
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

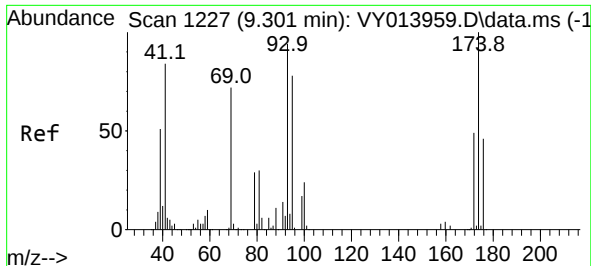
Tgt Ion: 83 Resp: 678976
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 159.831 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 41 Resp: 430750
Ion Ratio Lower Upper
41 100
69 81.6 64.5 96.7
39 60.9 50.8 76.2





#49

1,4-Dioxane

Concen: 3031.331 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

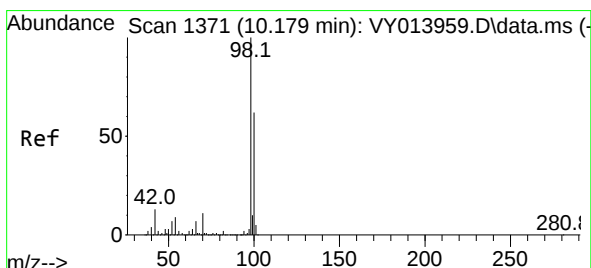
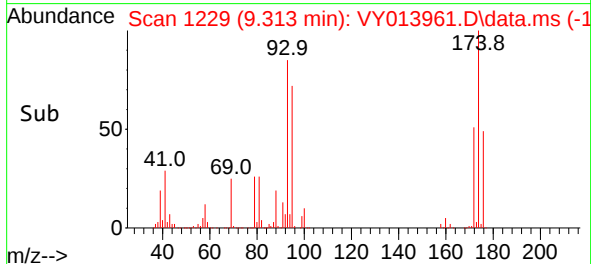
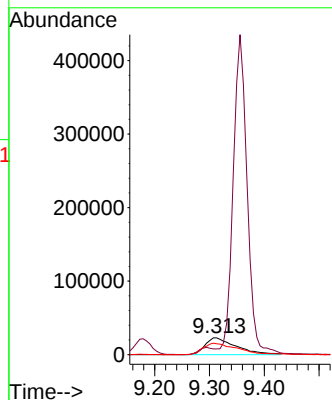
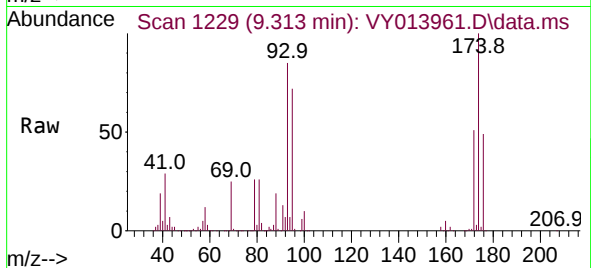
Tgt Ion: 88 Resp: 90616

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.0 30.9 46.3#



#50

Toluene-d8

Concen: 147.692 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013961.D

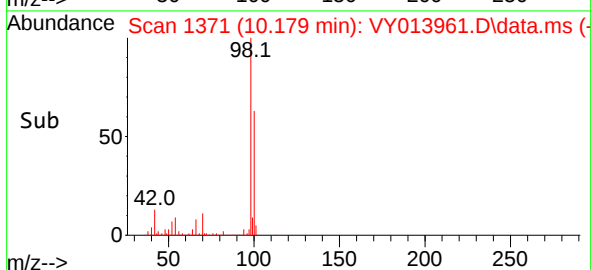
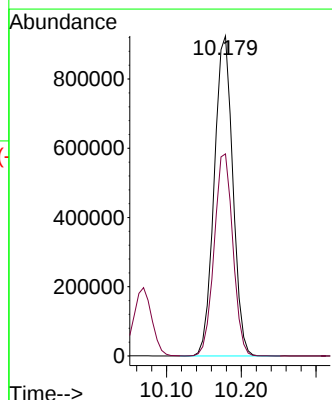
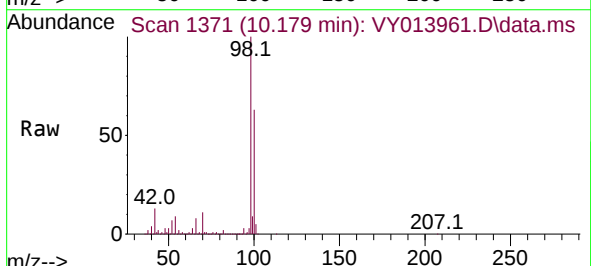
Acq: 01 Jun 2023 13:14

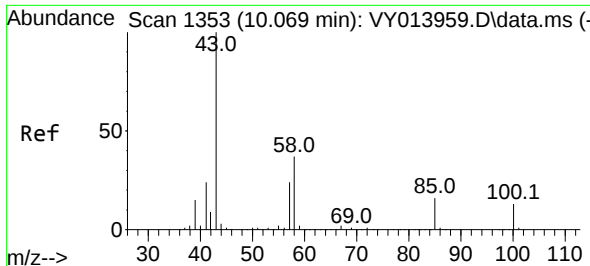
Tgt Ion: 98 Resp: 1594878

Ion Ratio Lower Upper

98 100

100 63.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 779.388 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

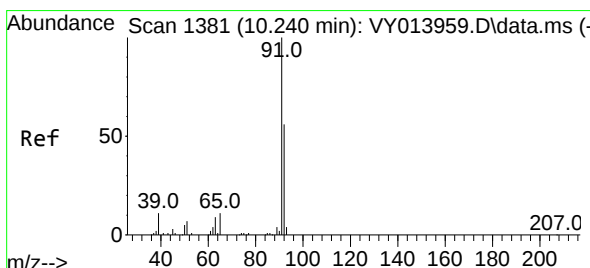
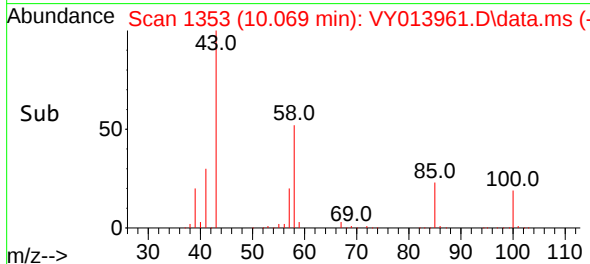
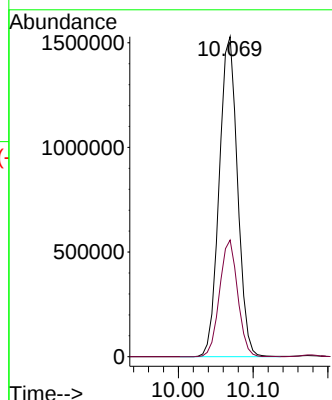
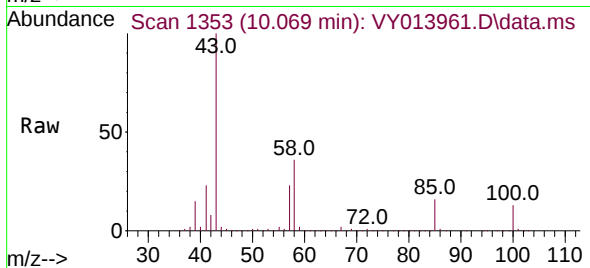
VSTDIC150

Tgt Ion: 43 Resp: 2606574

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.6



#52

Toluene

Concen: 148.596 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013961.D

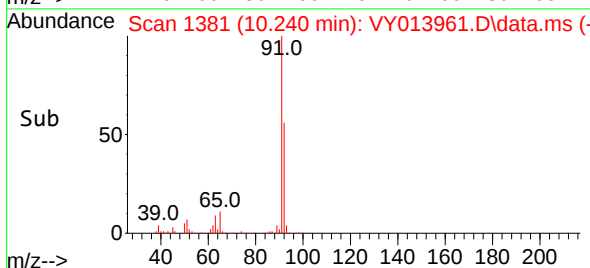
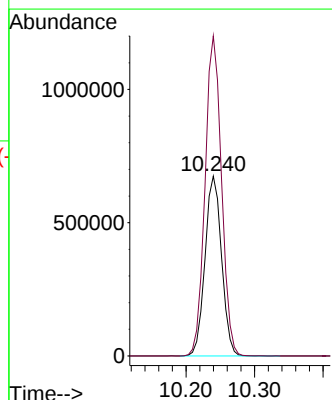
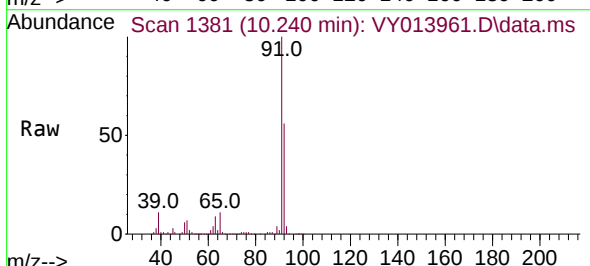
Acq: 01 Jun 2023 13:14

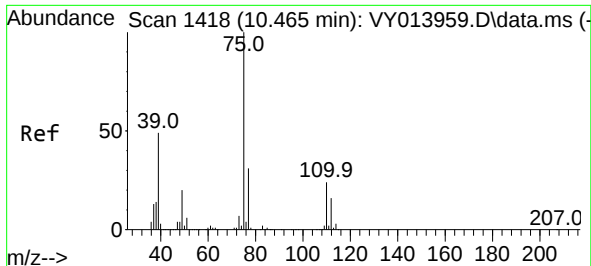
Tgt Ion: 92 Resp: 1132614

Ion Ratio Lower Upper

92 100

91 177.2 143.8 215.6

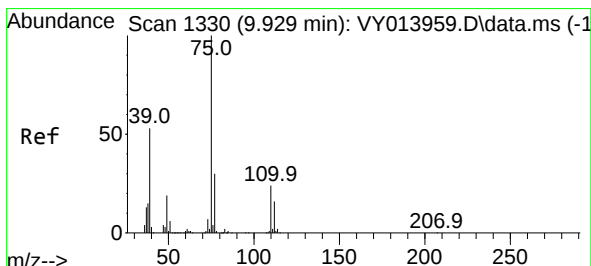
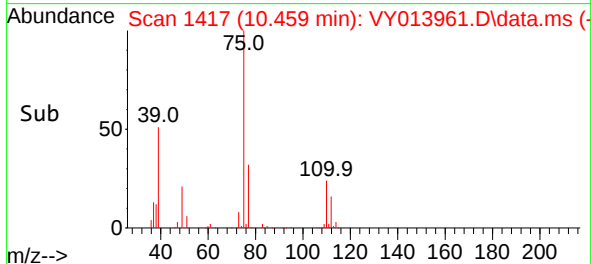
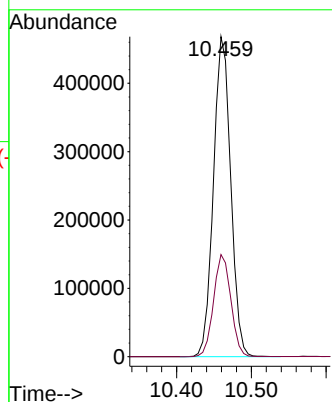
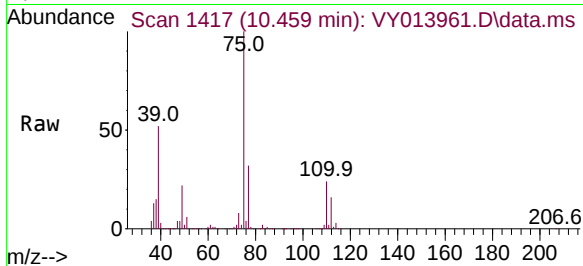




#53
t-1,3-Dichloropropene
Concen: 151.203 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

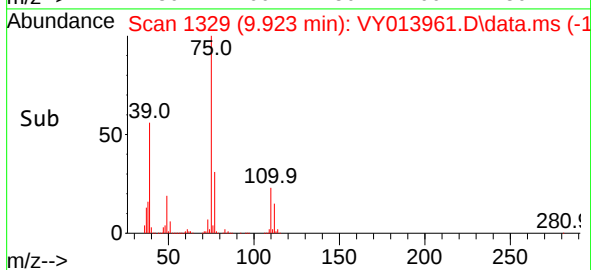
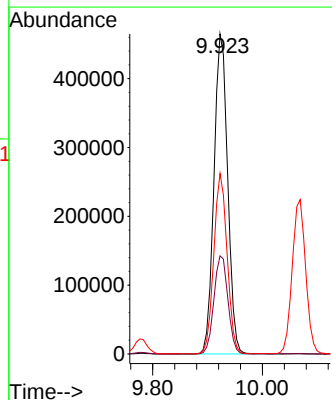
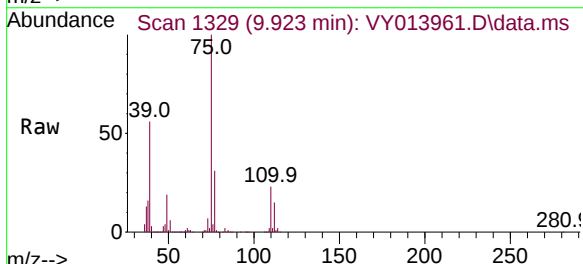
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

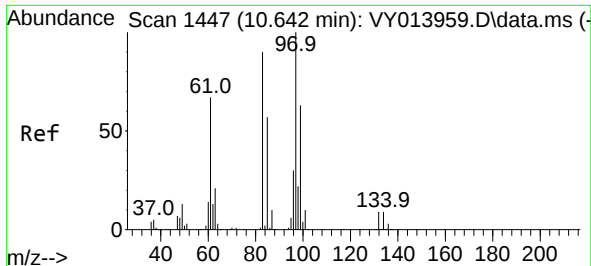
Tgt Ion: 75 Resp: 752091
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 151.090 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 75 Resp: 802385
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4
39 56.4 42.2 63.4

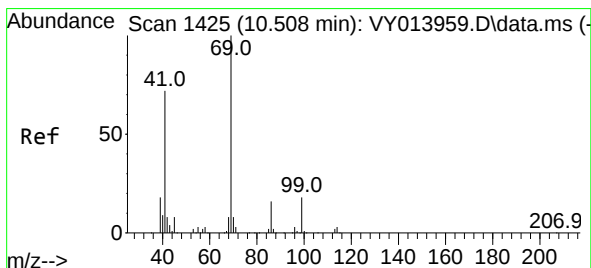
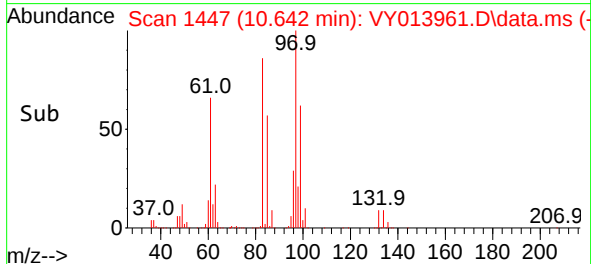
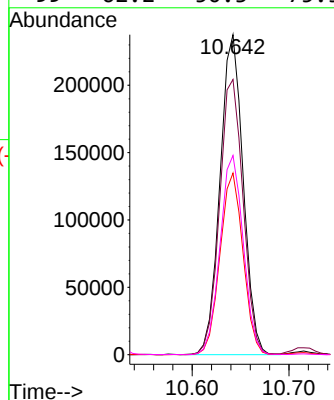
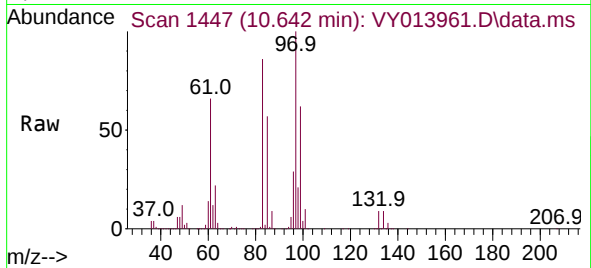




#55
1,1,2-Trichloroethane
Concen: 145.525 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

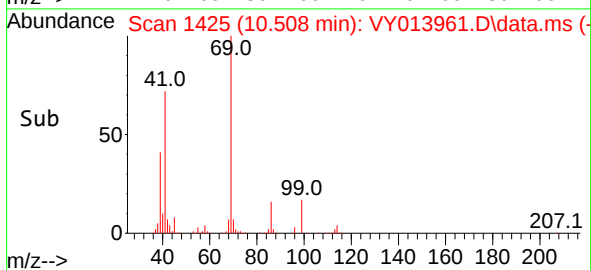
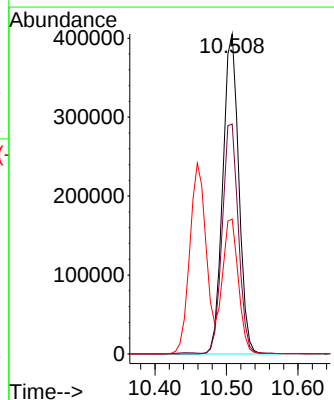
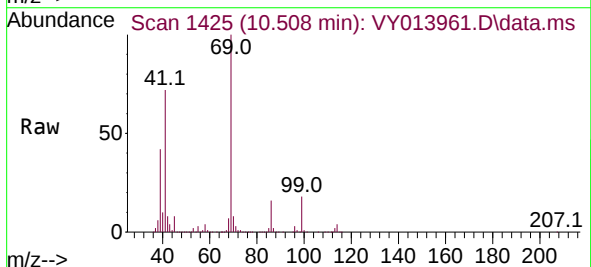
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

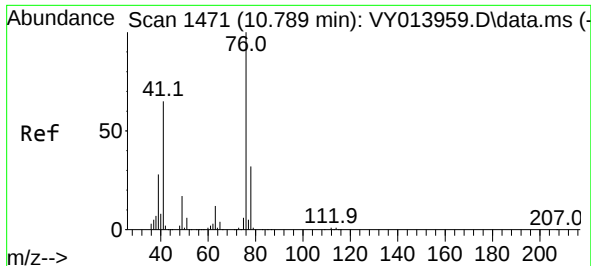
Tgt Ion:	97	Resp:	394369
Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.0	108.0
85	56.8	45.4	68.0
99	62.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 161.337 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion:	69	Resp:	627755
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.6	86.4
39	41.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 148.070 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

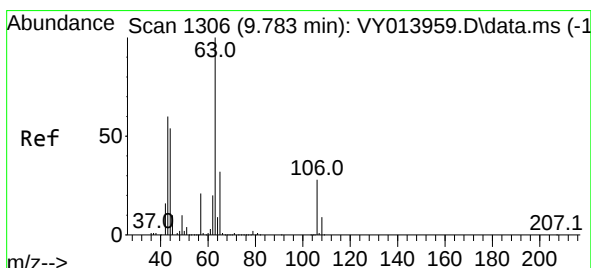
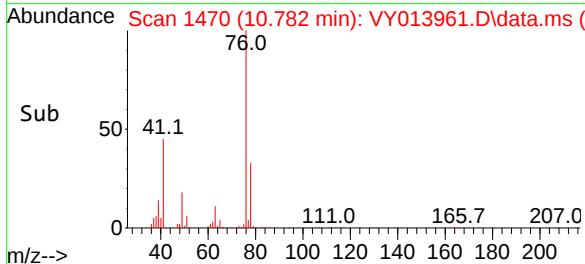
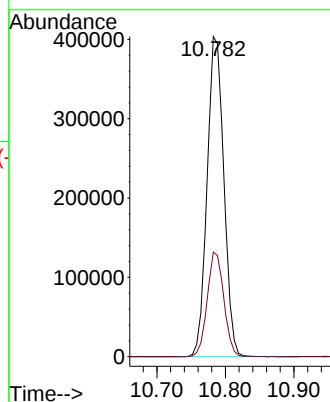
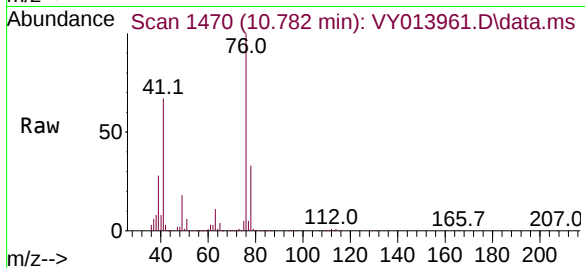
VSTDIC150

Tgt Ion: 76 Resp: 685643

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 737.028 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY013961.D

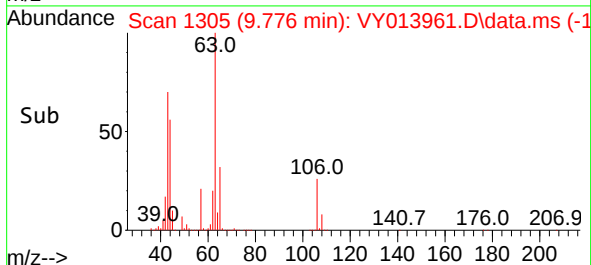
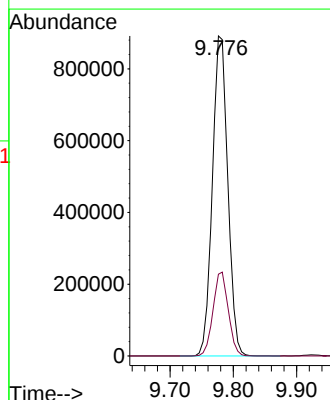
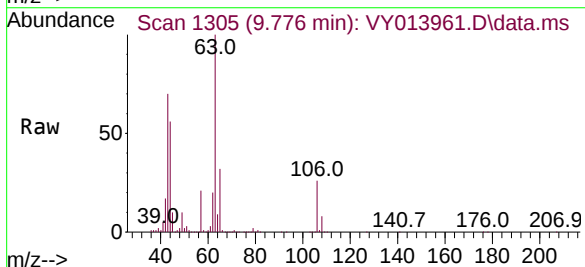
Acq: 01 Jun 2023 13:14

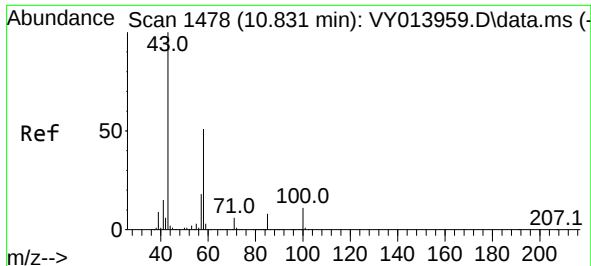
Tgt Ion: 63 Resp: 1505943

Ion Ratio Lower Upper

63 100

106 25.9 21.2 31.8

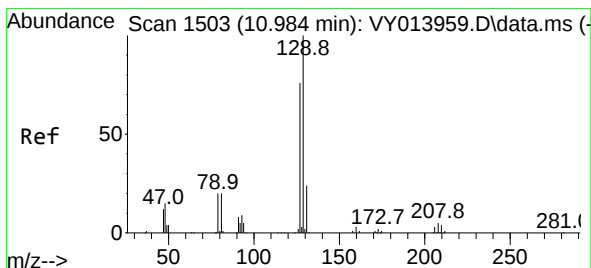
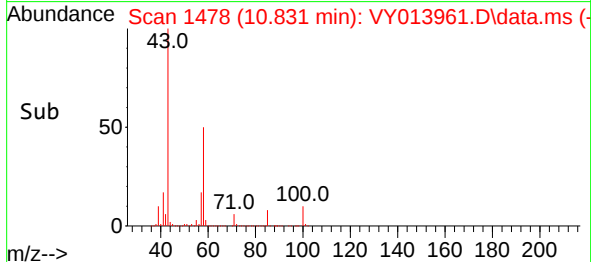
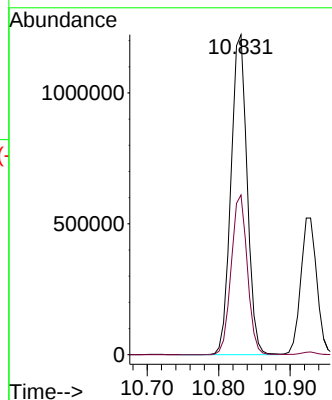
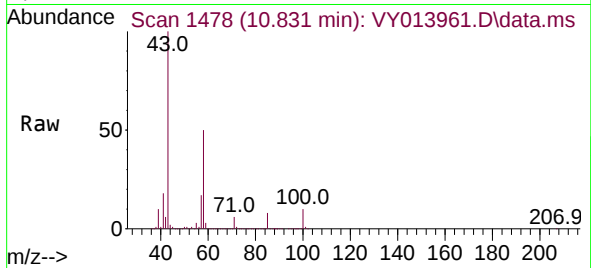




#59
2-Hexanone
Concen: 791.848 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

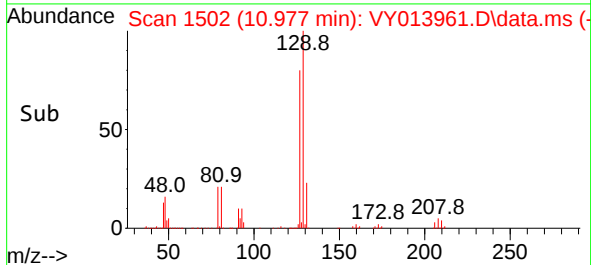
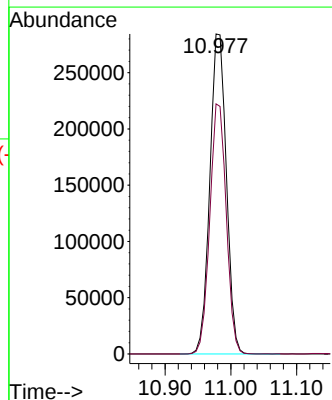
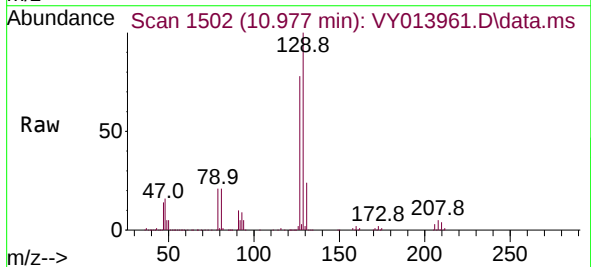
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

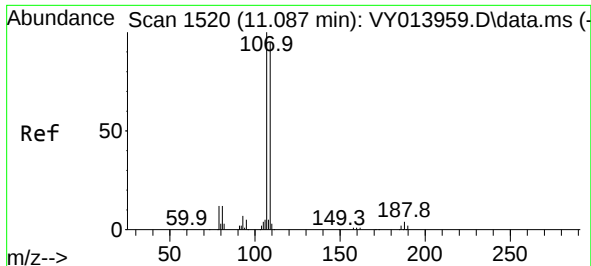
Tgt Ion: 43 Resp: 1917605
Ion Ratio Lower Upper
43 100
58 49.8 25.1 75.3



#60
Dibromochloromethane
Concen: 145.067 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 129 Resp: 496869
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

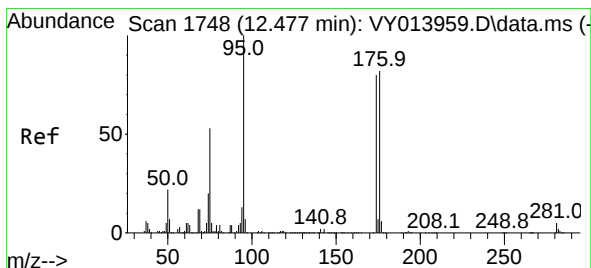
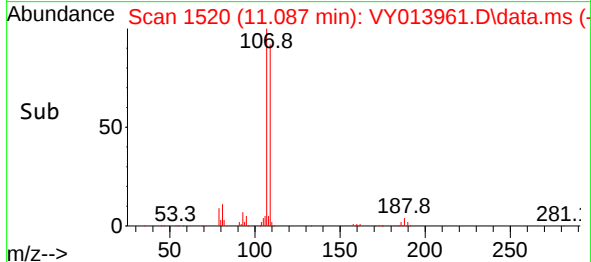
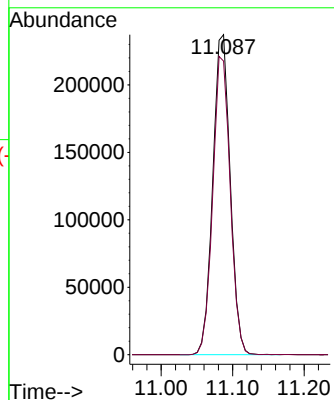
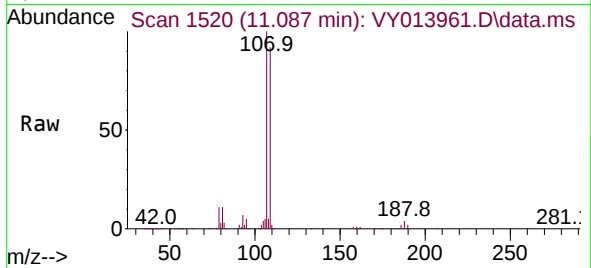




#61
1,2-Dibromoethane
Concen: 147.120 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

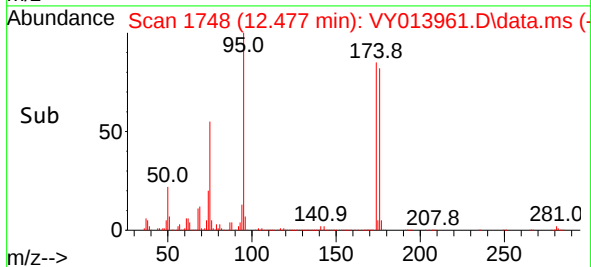
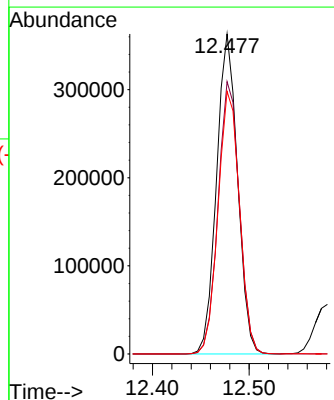
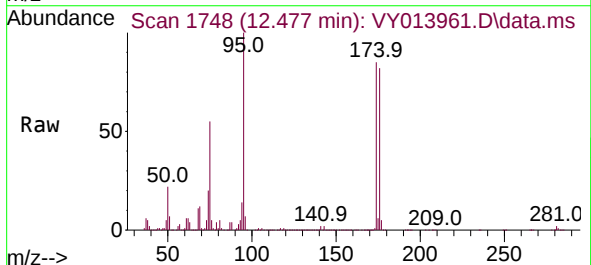
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

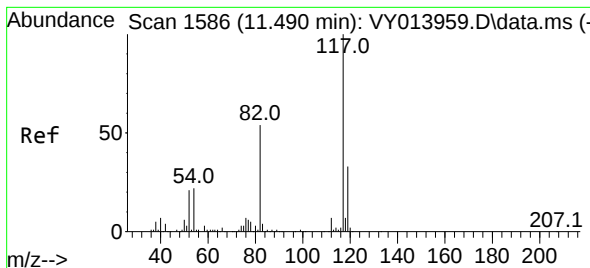
Tgt Ion:107 Resp: 400577
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 148.281 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 95 Resp: 545894
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

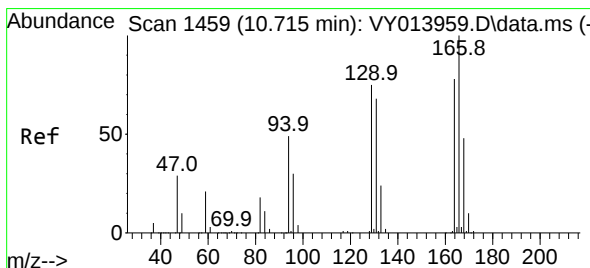
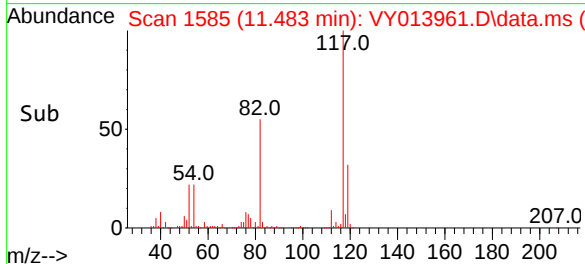
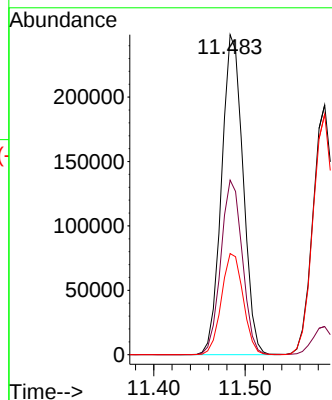
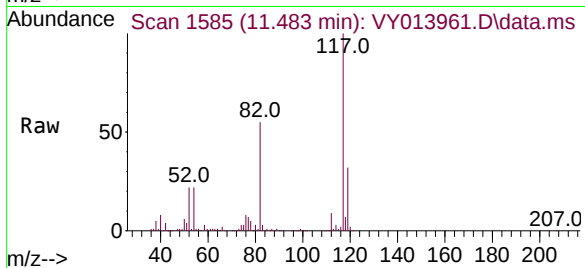
Tgt Ion:117 Resp: 406409

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 150.023 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Tgt Ion:164 Resp: 417697

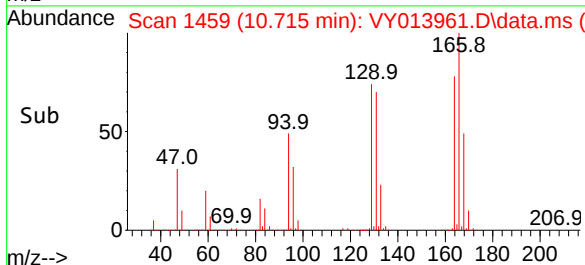
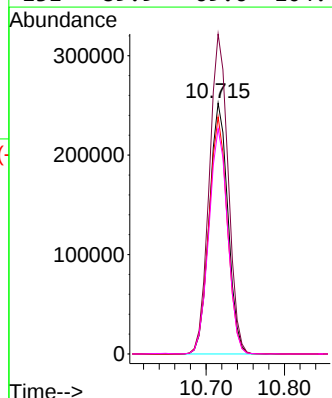
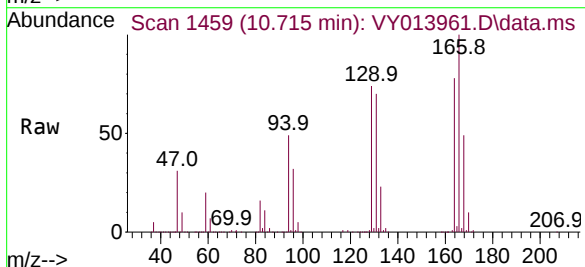
Ion Ratio Lower Upper

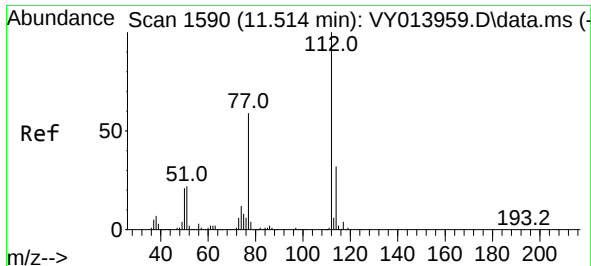
164 100

166 127.6 103.0 154.6

129 94.5 77.2 115.8

131 89.9 69.6 104.4

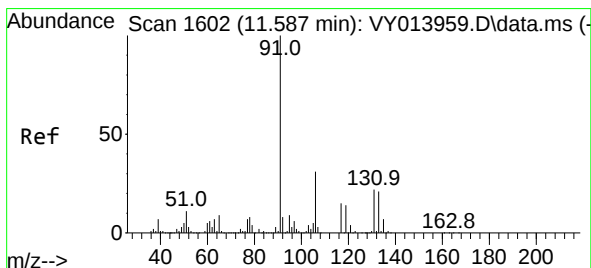
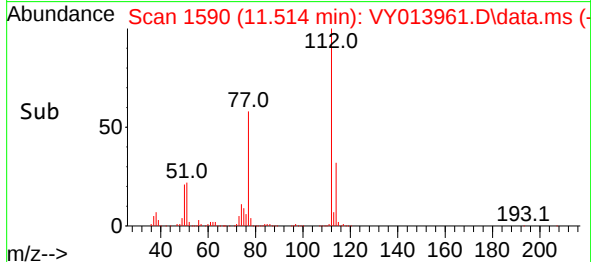
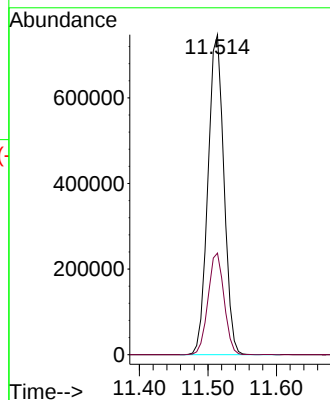
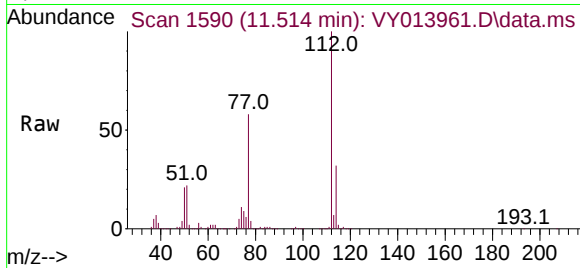




#65
Chlorobenzene
Concen: 145.293 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

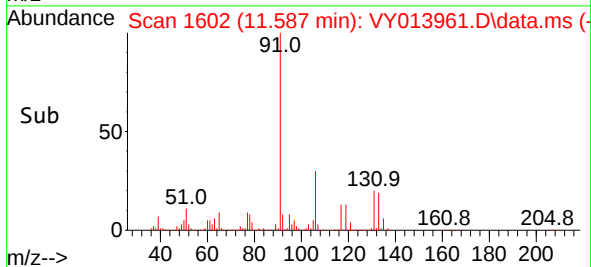
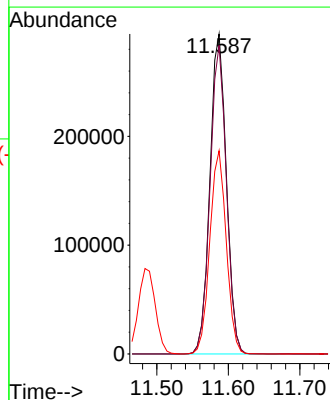
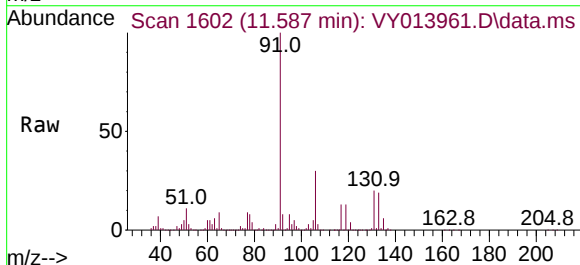
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

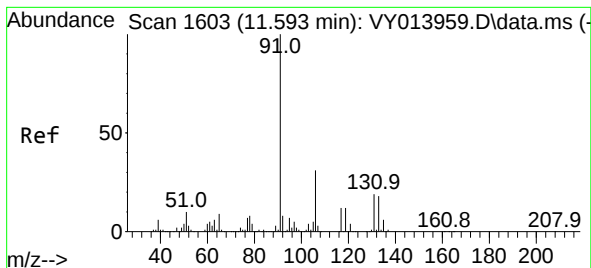
Tgt Ion:112 Resp: 1211408
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 144.980 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion:131 Resp: 470584
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 63.5 31.6 94.7





#67

Ethyl Benzene

Concen: 153.892 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

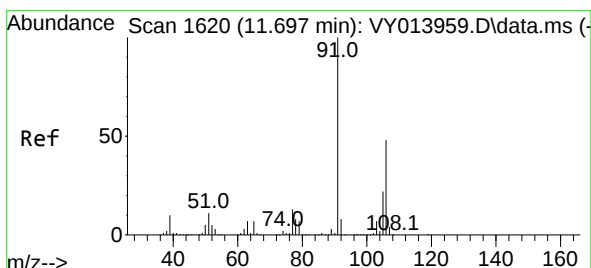
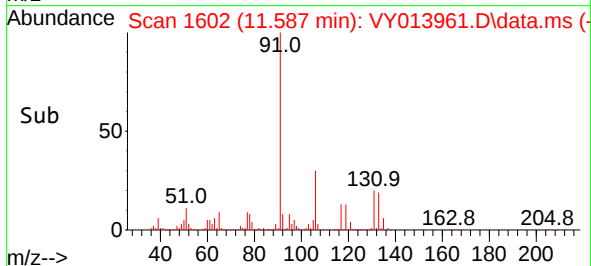
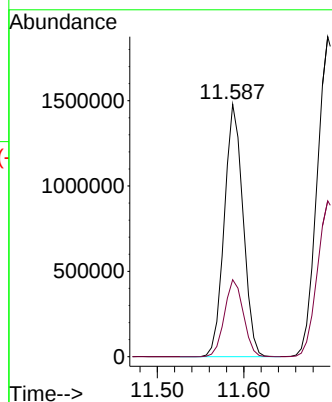
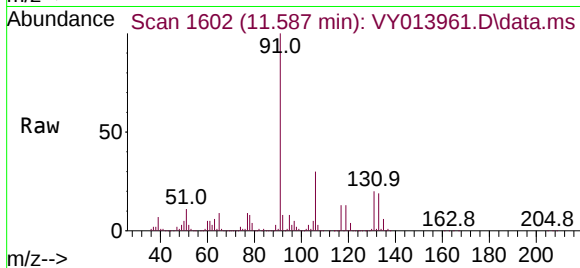
VSTDIC150

Tgt Ion: 91 Resp: 2220953

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 303.088 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY013961.D

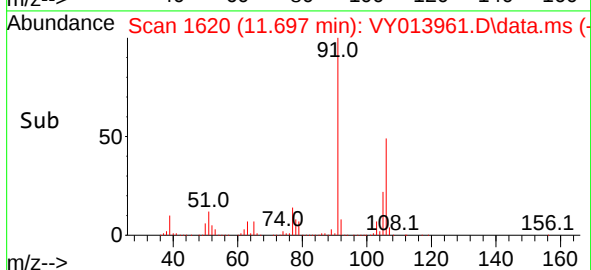
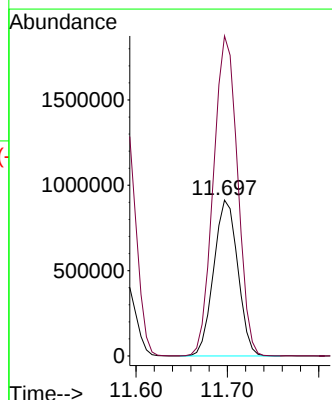
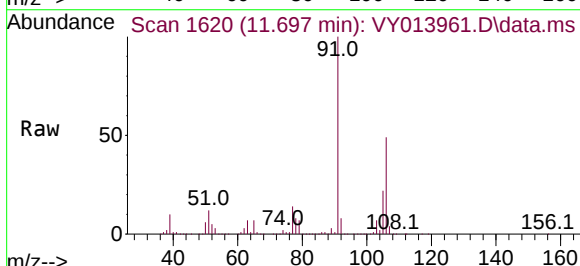
Acq: 01 Jun 2023 13:14

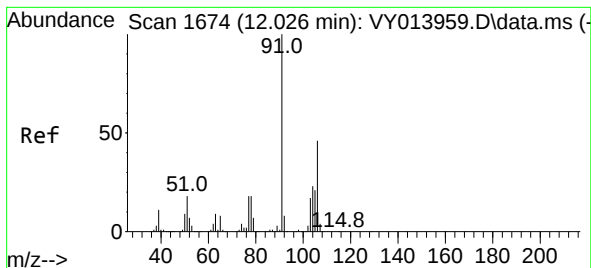
Tgt Ion:106 Resp: 1670854

Ion Ratio Lower Upper

106 100

91 206.3 166.1 249.1

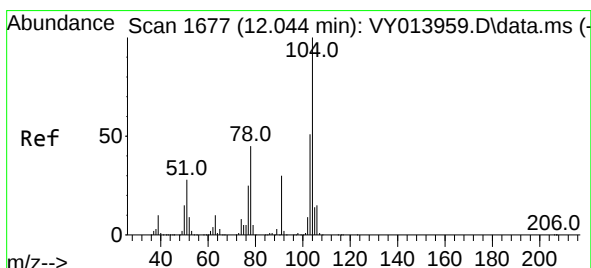
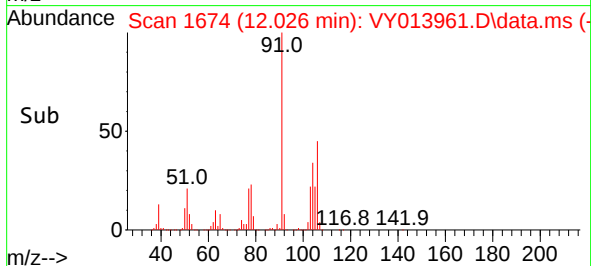
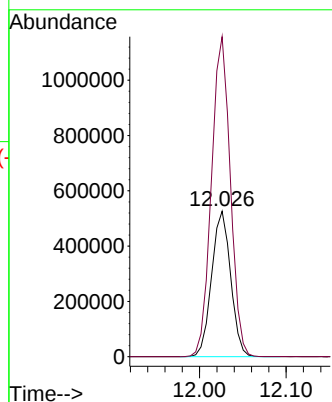
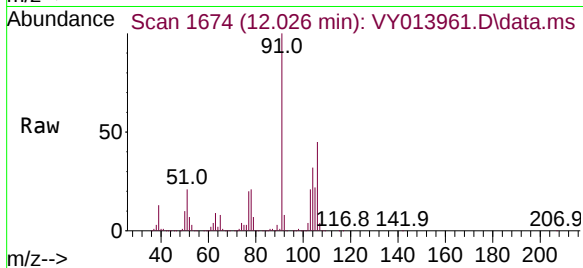




#69
o-Xylene
Concen: 152.040 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

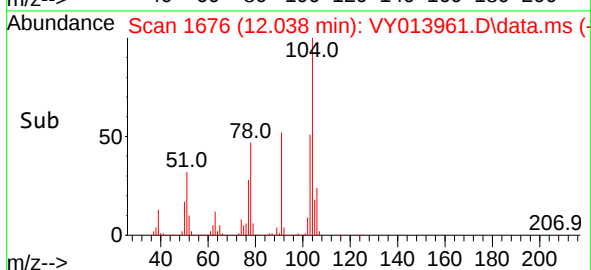
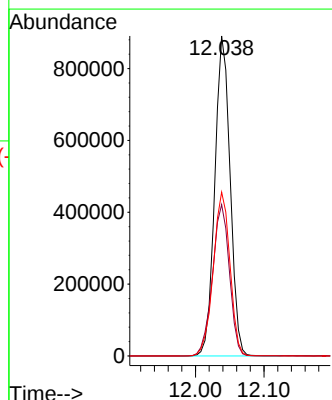
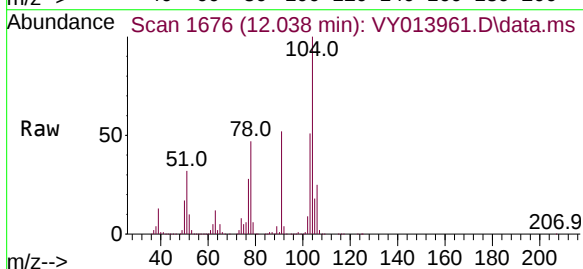
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

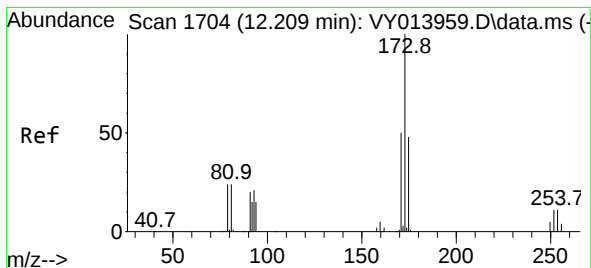
Tgt Ion:106 Resp: 803135
Ion Ratio Lower Upper
106 100
91 218.6 108.1 324.3



#70
Styrene
Concen: 152.249 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion:104 Resp: 1381380
Ion Ratio Lower Upper
104 100
78 52.2 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 146.650 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

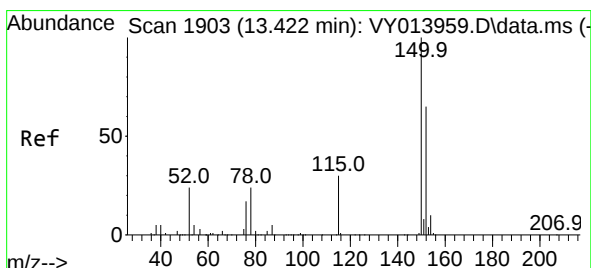
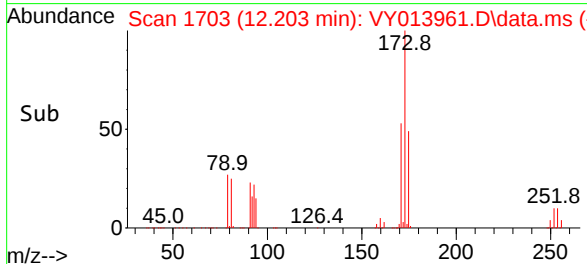
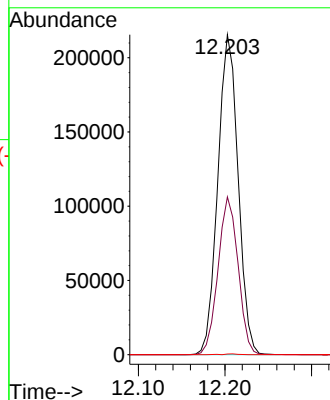
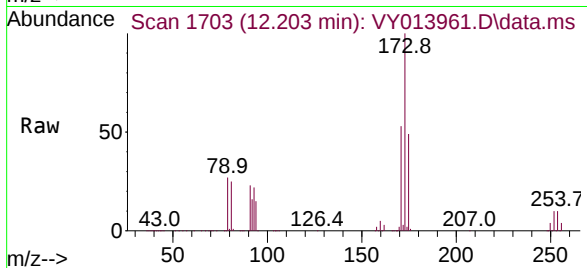
Tgt Ion:173 Resp: 350930

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

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: VY013961.D

Acq: 01 Jun 2023 13:14

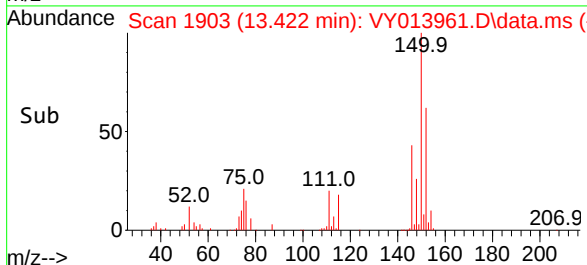
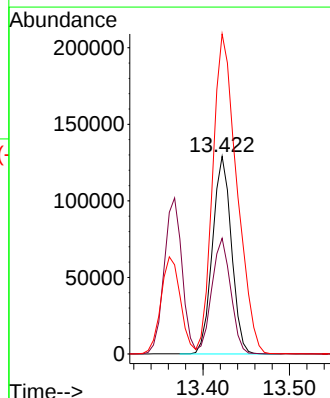
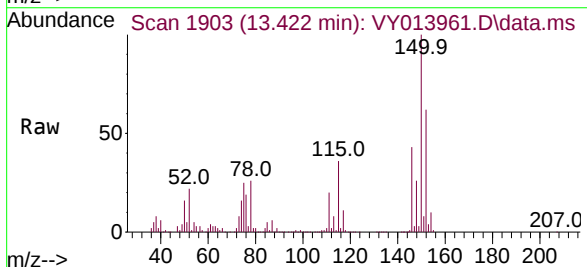
Tgt Ion:152 Resp: 196116

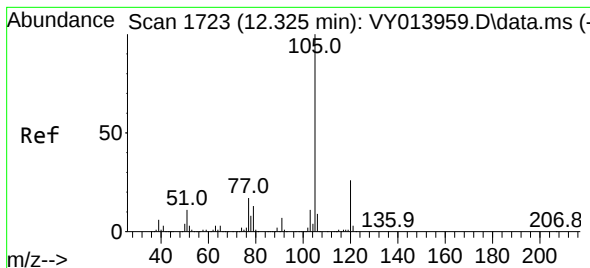
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 206.0 0.0 348.8





#73

Isopropylbenzene

Concen: 158.724 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

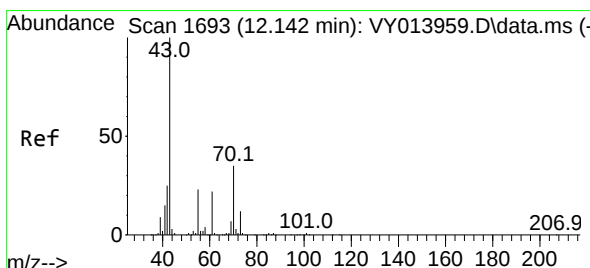
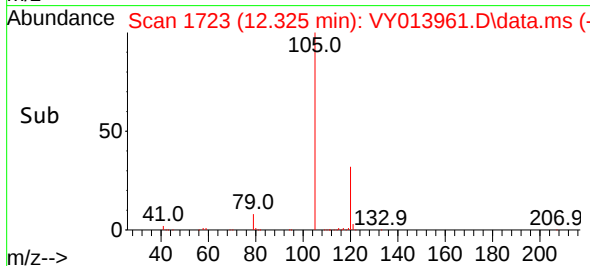
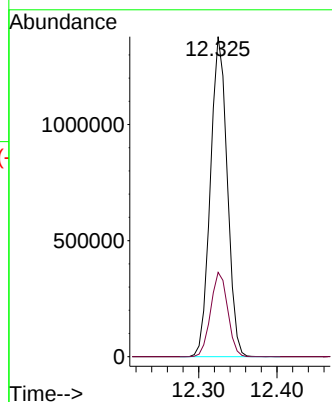
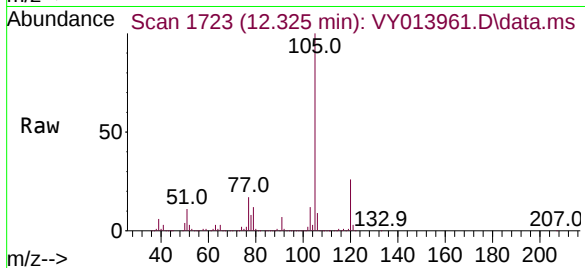
VSTDIC150

Tgt Ion:105 Resp: 2054577

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 166.927 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Tgt Ion: 43 Resp: 829009

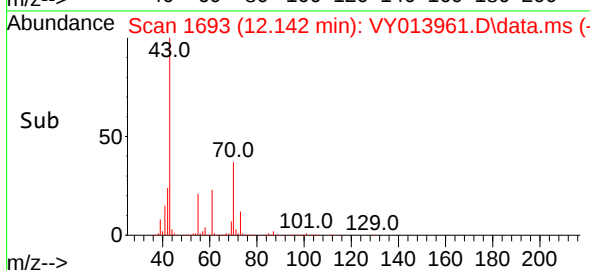
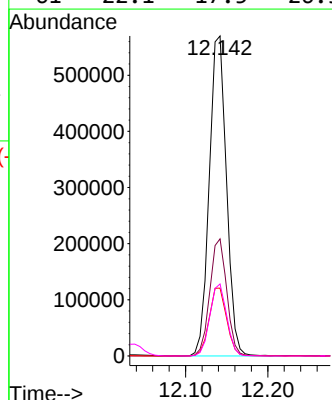
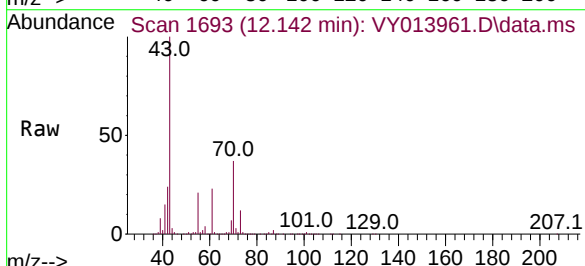
Ion Ratio Lower Upper

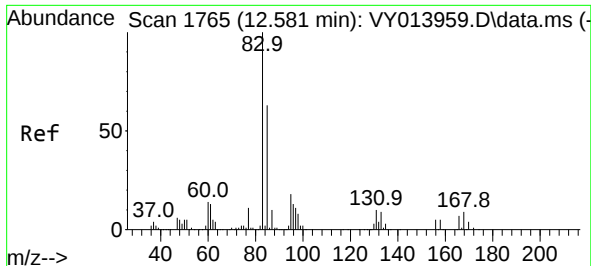
43 100

70 36.2 29.7 44.5

55 21.7 18.3 27.5

61 22.1 17.5 26.3

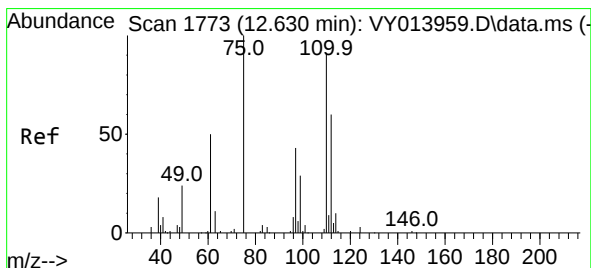
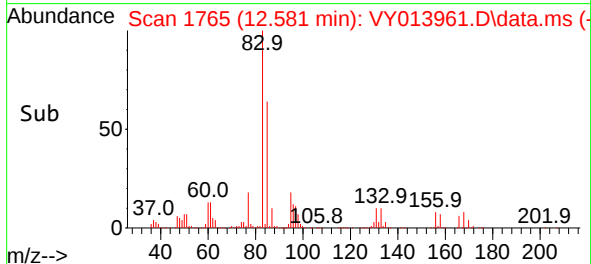
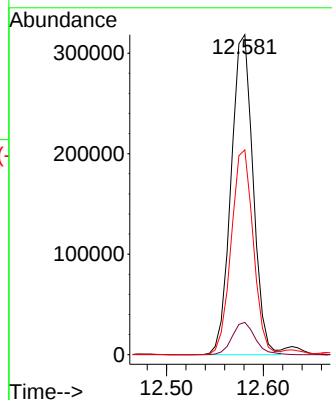
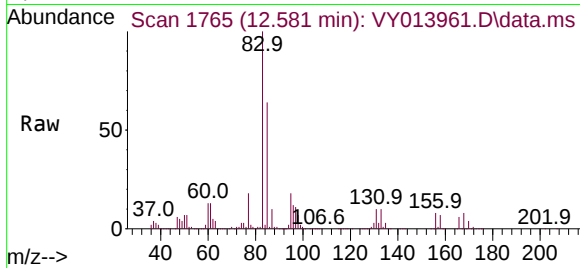




#75
 1,1,2,2-Tetrachloroethane
 Concen: 149.112 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

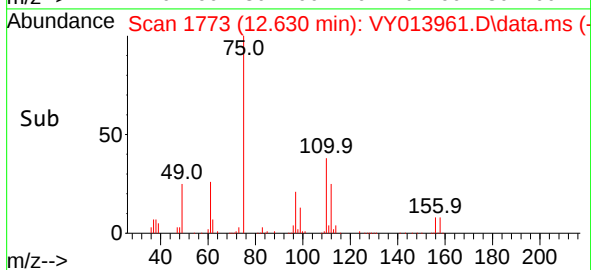
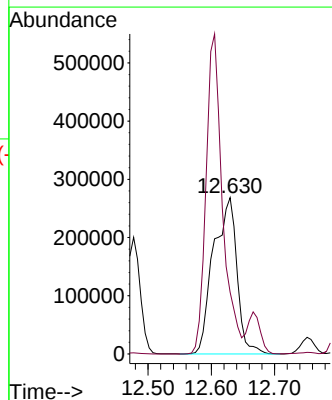
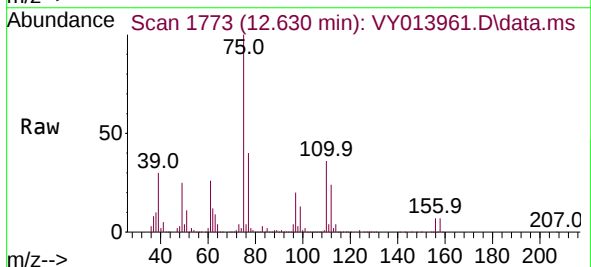
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

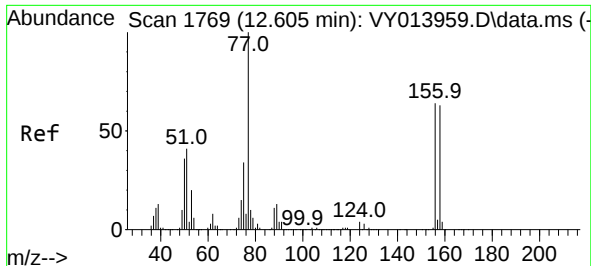
Tgt Ion: 83 Resp: 504462
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 64.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 261.758 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY013961.D
 Acq: 01 Jun 2023 13:14

Tgt Ion: 75 Resp: 692170
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

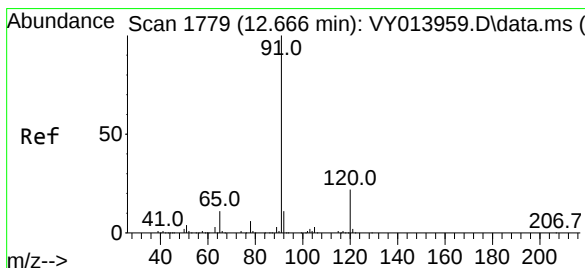
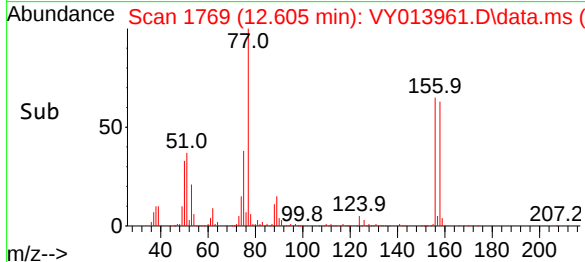
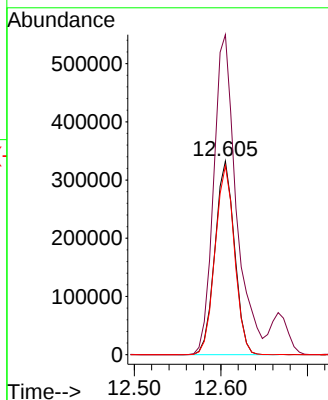
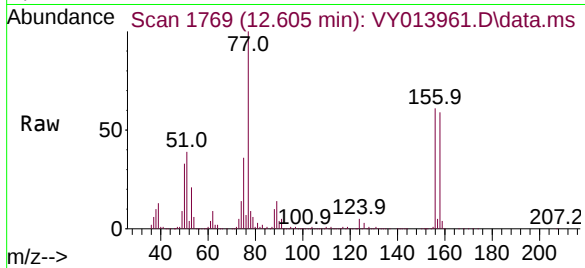




#77
Bromobenzene
Concen: 148.977 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

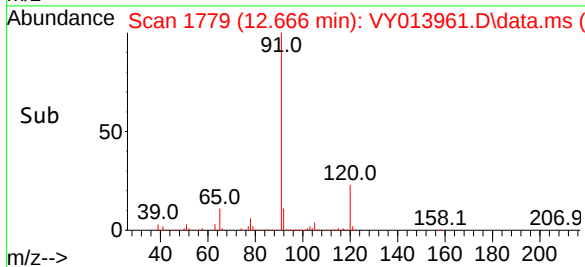
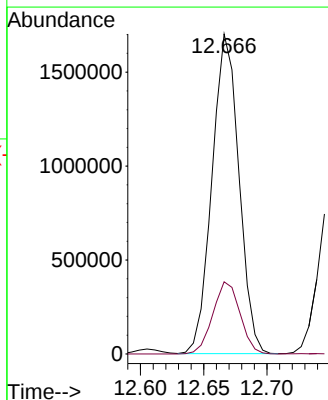
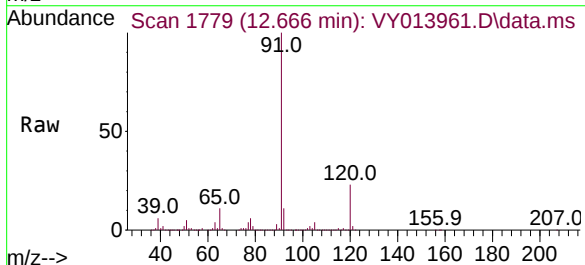
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

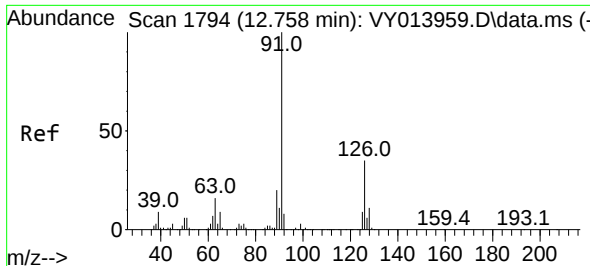
Tgt Ion:156 Resp: 521311
Ion Ratio Lower Upper
156 100
77 190.8 92.8 278.6
158 96.8 48.4 145.3



#78
n-propylbenzene
Concen: 158.825 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 91 Resp: 2519674
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

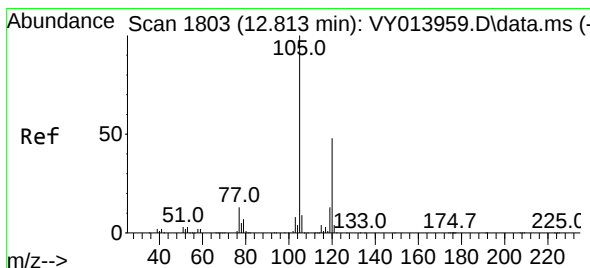
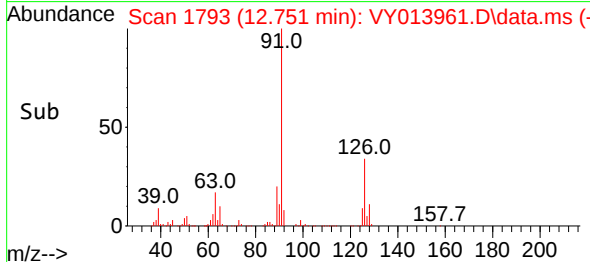
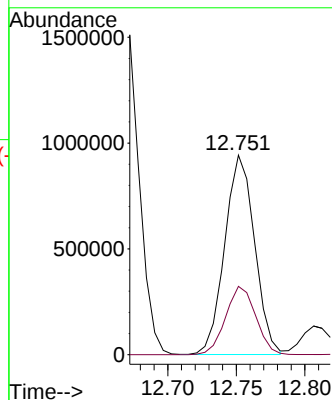
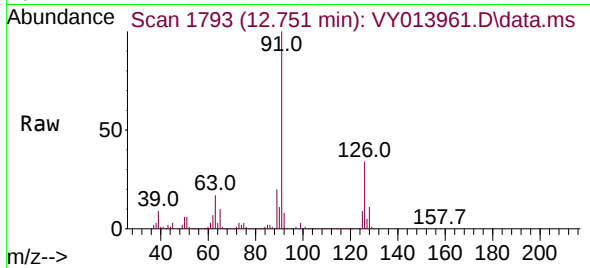




#79
2-Chlorotoluene
Concen: 152.445 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

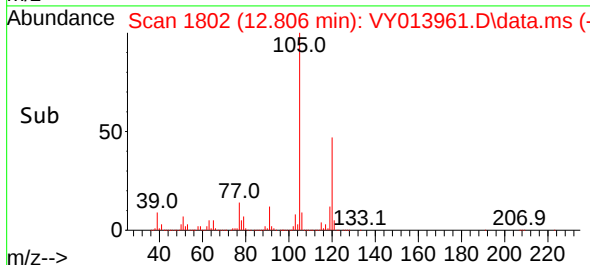
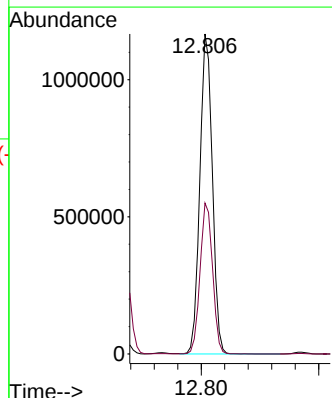
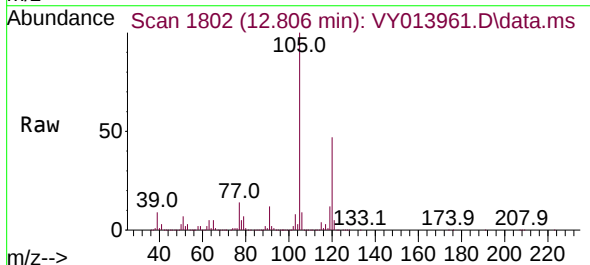
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

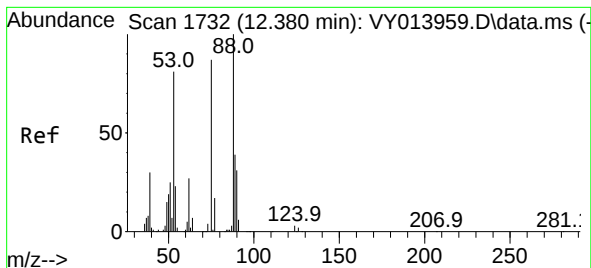
Tgt Ion: 91 Resp: 1431745
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 154.931 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion:105 Resp: 1718856
Ion Ratio Lower Upper
105 100
120 47.3 23.9 71.7

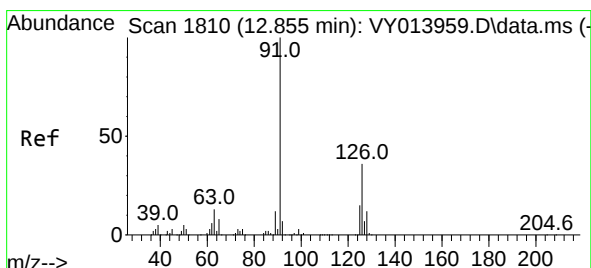
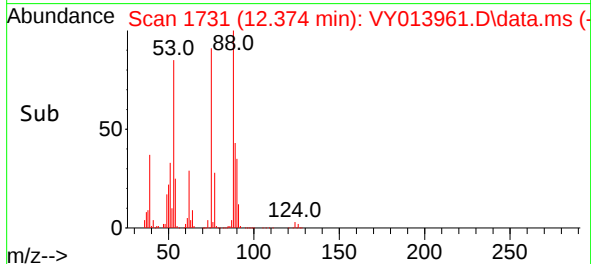
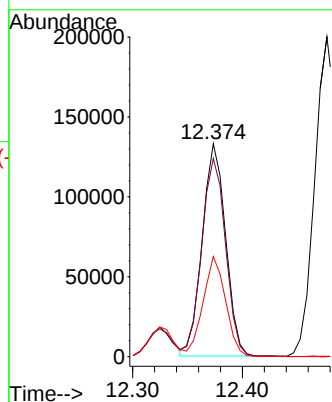
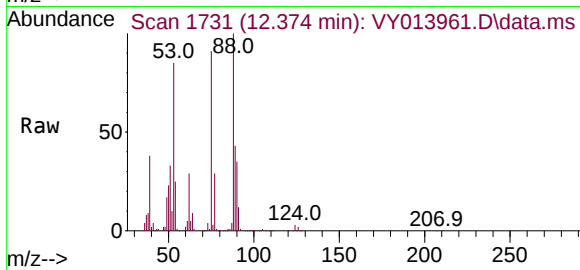




#81
trans-1,4-Dichloro-2-butene
Concen: 158.328 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

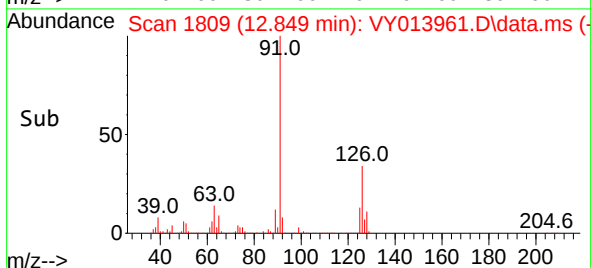
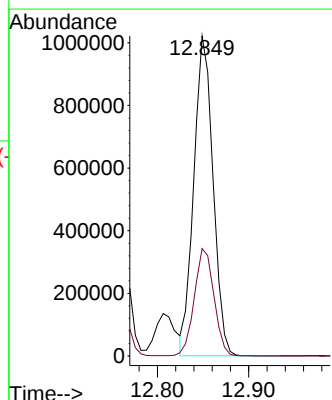
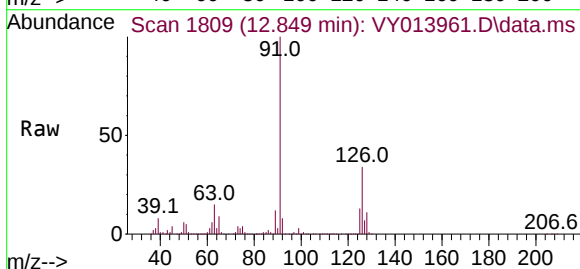
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

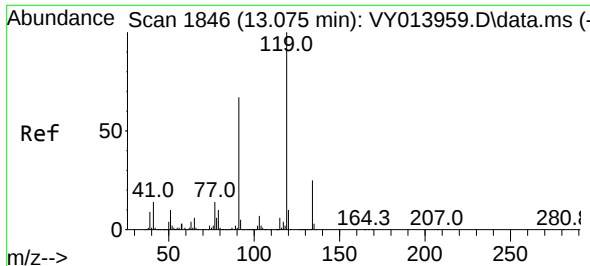
Tgt Ion: 75 Resp: 196957
Ion Ratio Lower Upper
75 100
53 96.0 77.8 116.8
89 45.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 151.178 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 91 Resp: 1493259
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

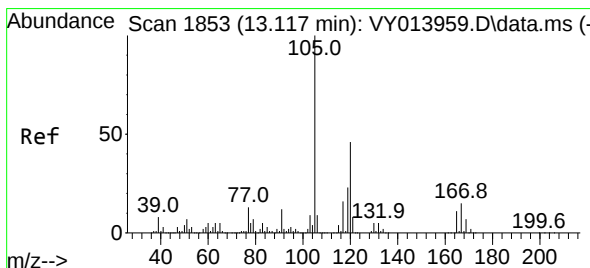
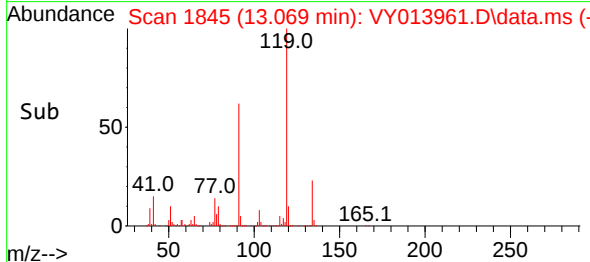
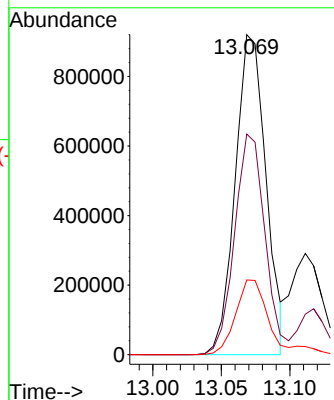
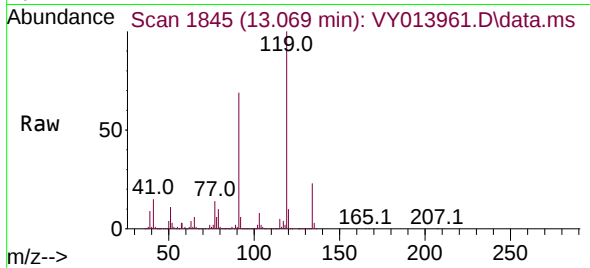




#83
tert-Butylbenzene
Concen: 154.803 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

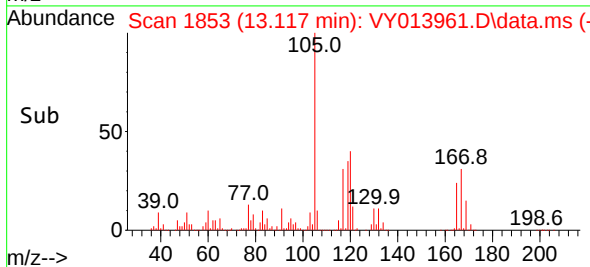
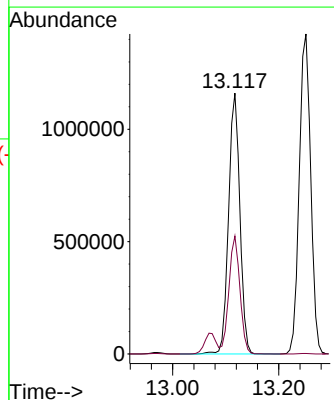
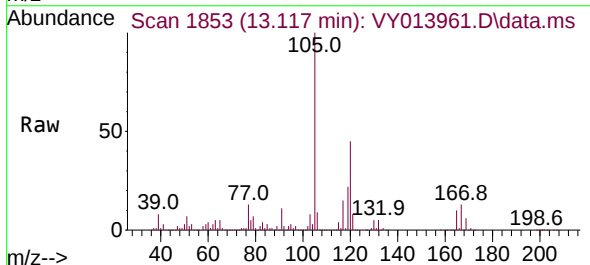
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

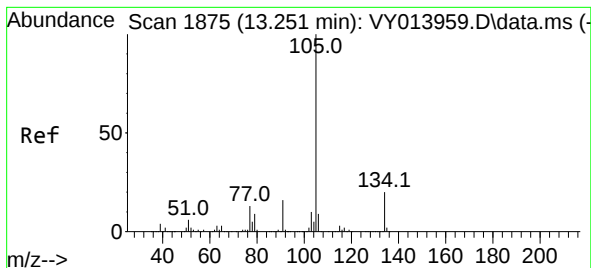
Tgt Ion:119 Resp: 1438198
Ion Ratio Lower Upper
119 100
91 68.3 32.9 98.6
134 25.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 154.726 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion:105 Resp: 1714531
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 157.329 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

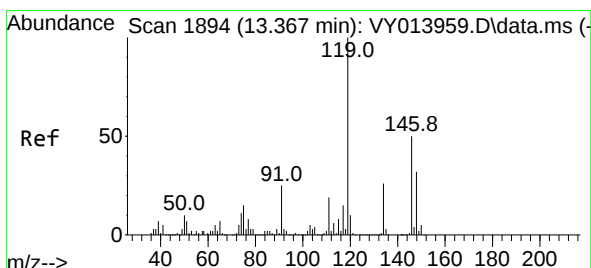
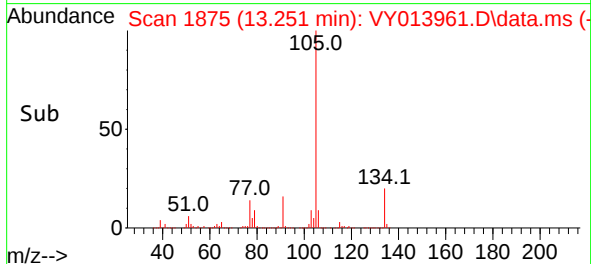
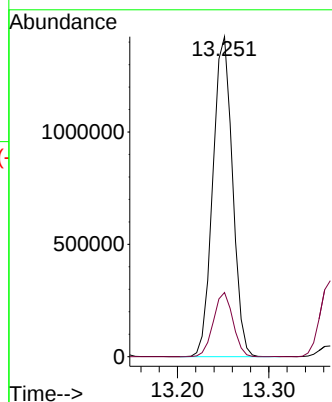
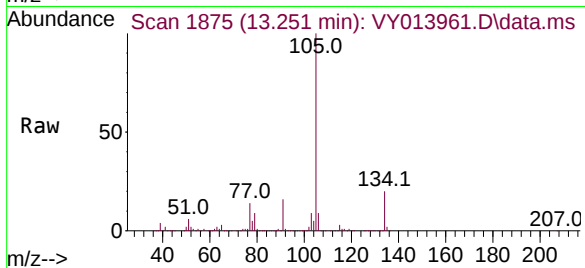
VSTDIC150

Tgt Ion:105 Resp: 2125469

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 157.576 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

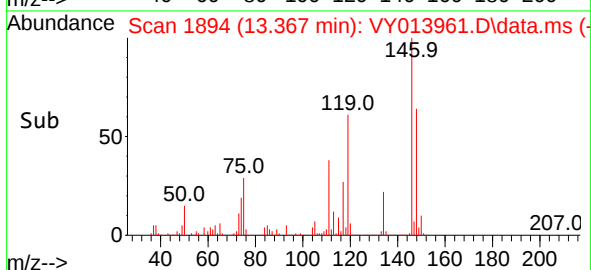
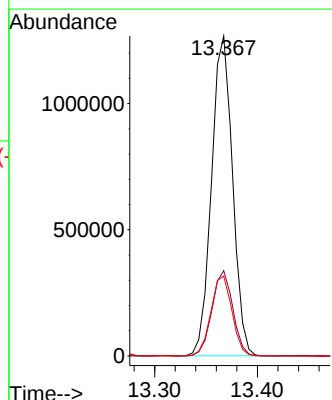
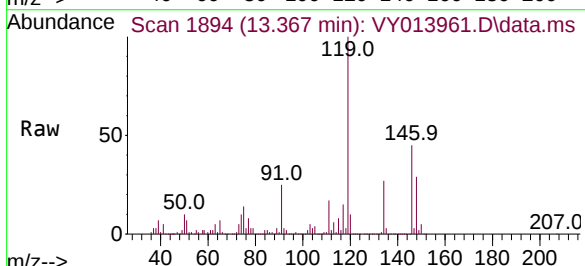
Tgt Ion:119 Resp: 1796960

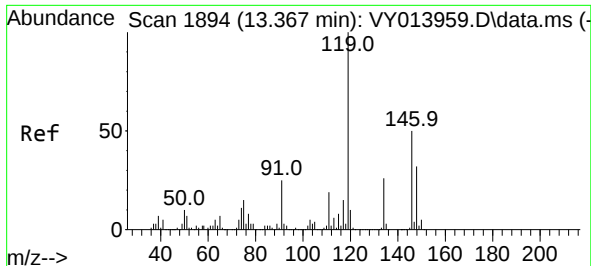
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 25.0 12.4 37.4

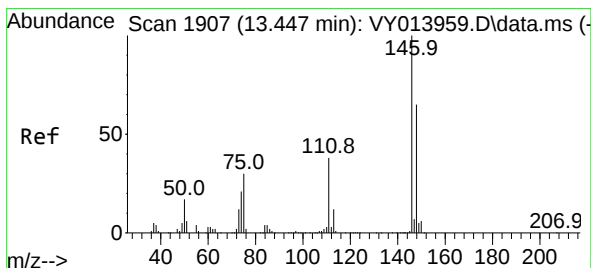
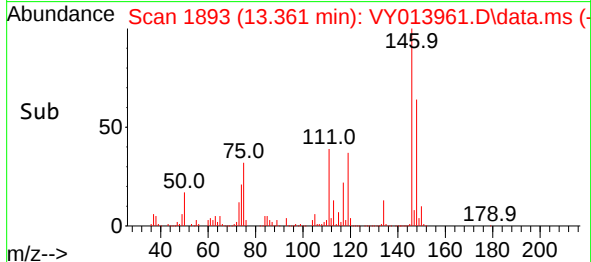
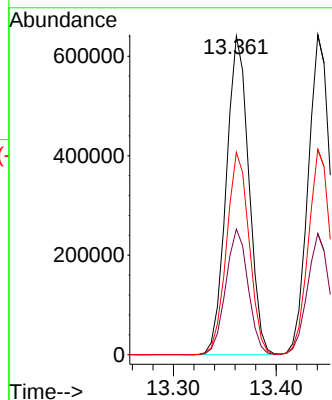
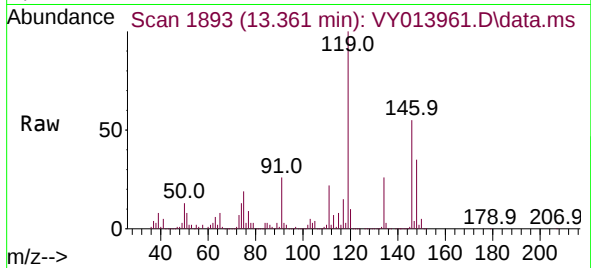




#87
1,3-Dichlorobenzene
Concen: 146.498 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

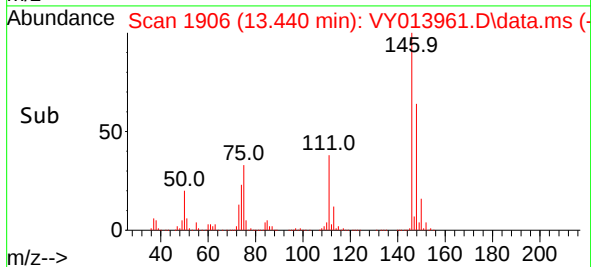
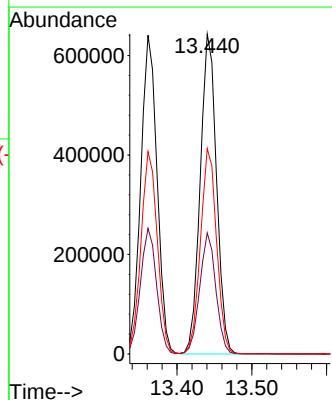
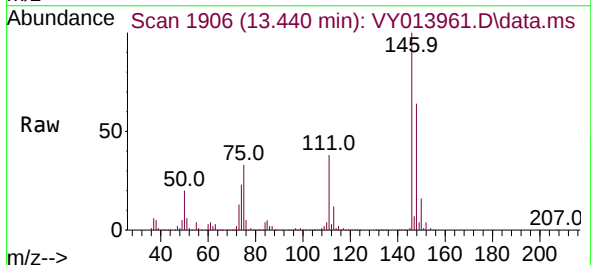
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

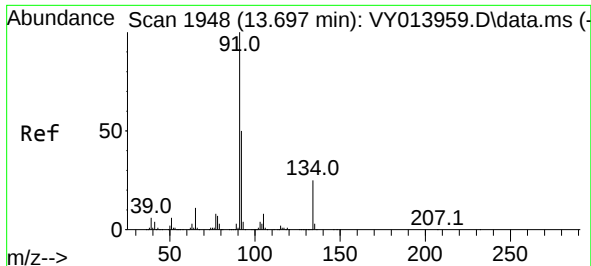
Tgt Ion:146 Resp: 973541
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 144.619 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion:146 Resp: 972165
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.7
148 63.9 32.1 96.5

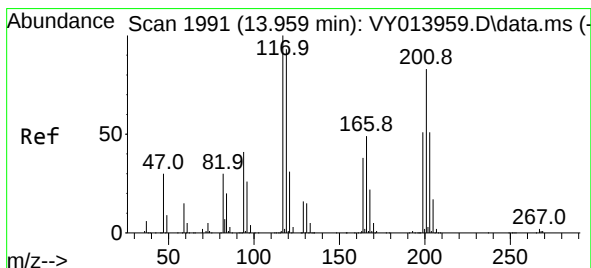
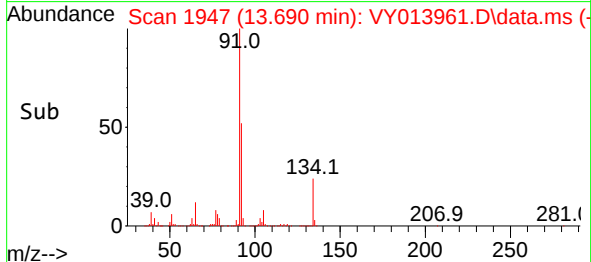
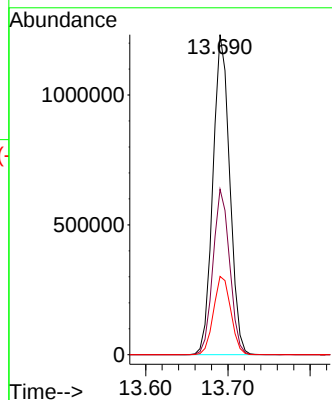
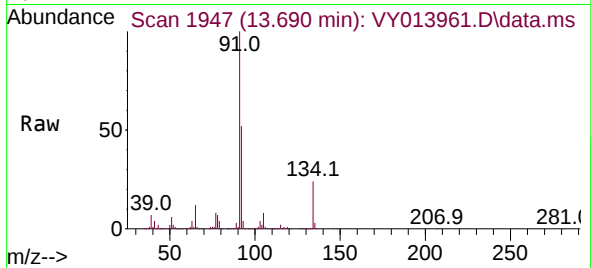




#89
n-Butylbenzene
Concen: 162.428 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

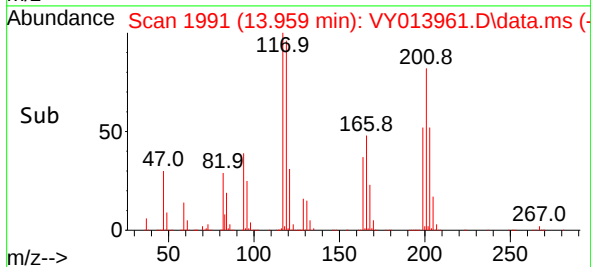
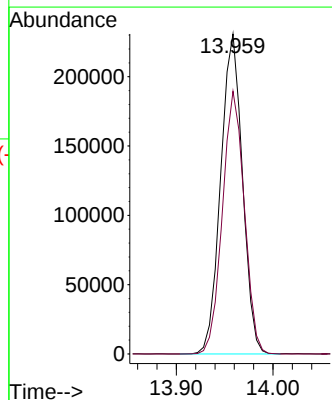
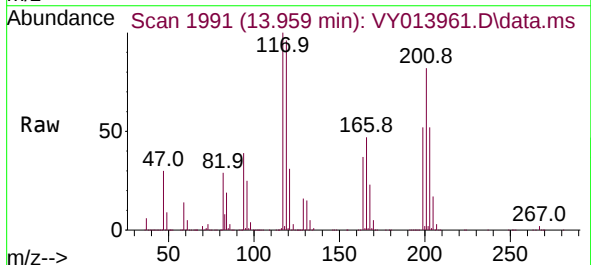
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

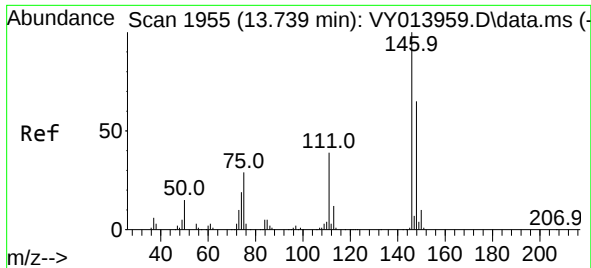
Tgt Ion: 91 Resp: 1747737
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 150.276 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 117 Resp: 359665
Ion Ratio Lower Upper
117 100
201 82.5 41.6 124.8

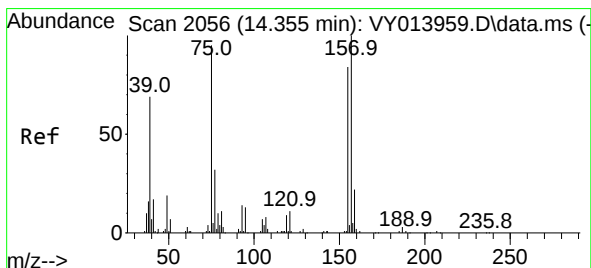
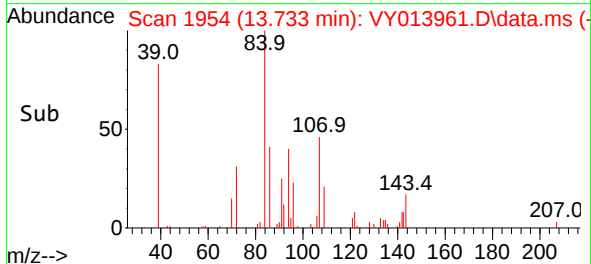
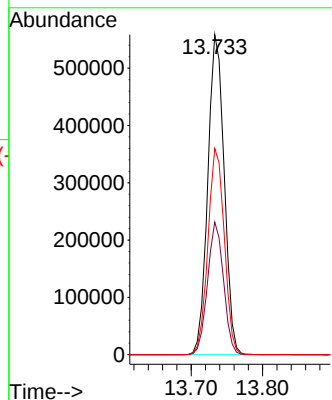
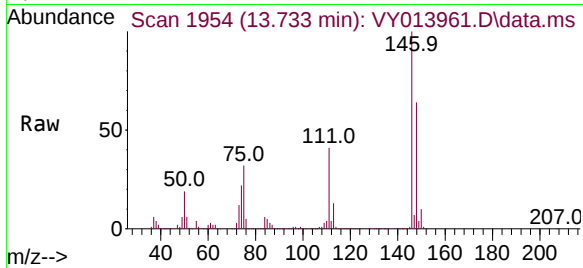




#91
1,2-Dichlorobenzene
Concen: 145.155 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

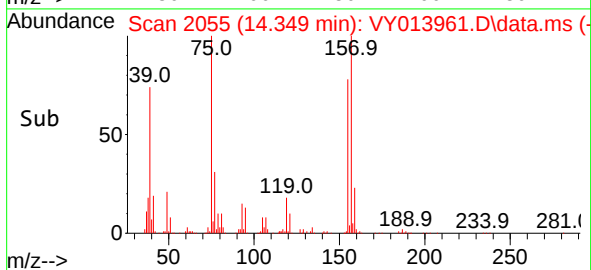
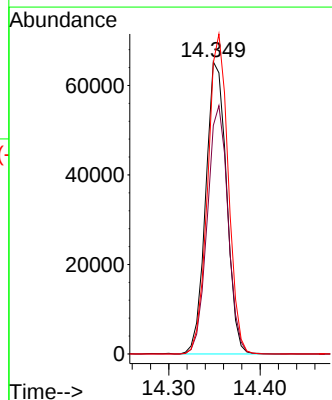
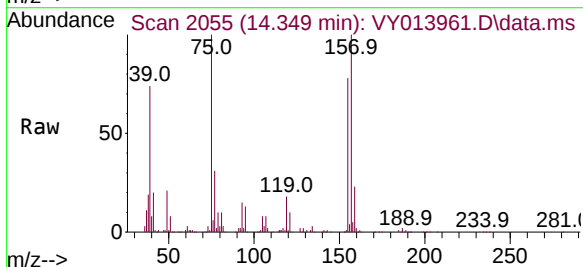
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

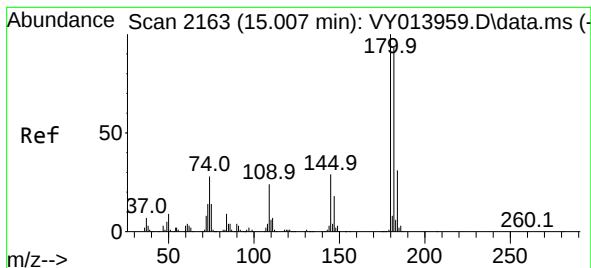
Tgt Ion:146 Resp: 888645
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 157.581 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY013961.D
Acq: 01 Jun 2023 13:14

Tgt Ion: 75 Resp: 102824
Ion Ratio Lower Upper
75 100
155 84.4 41.5 124.6
157 107.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 160.161 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

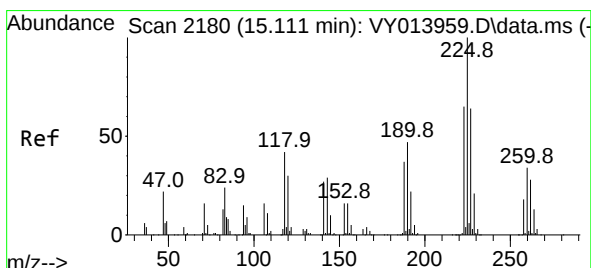
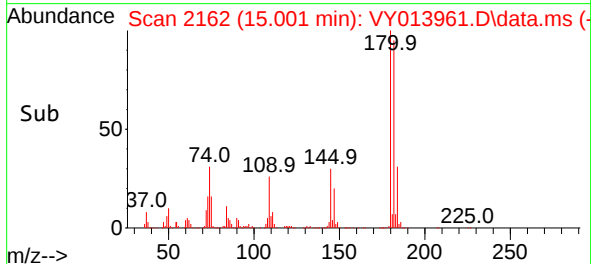
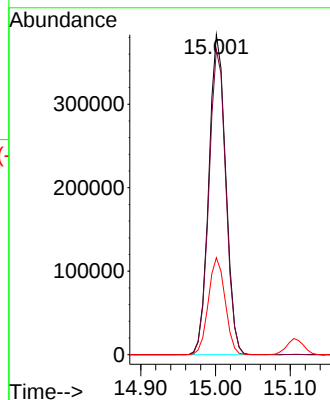
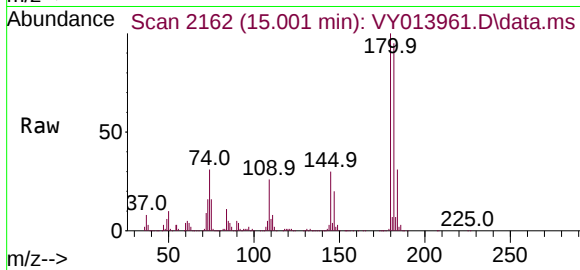
Tgt Ion:180 Resp: 602750

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 159.430 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

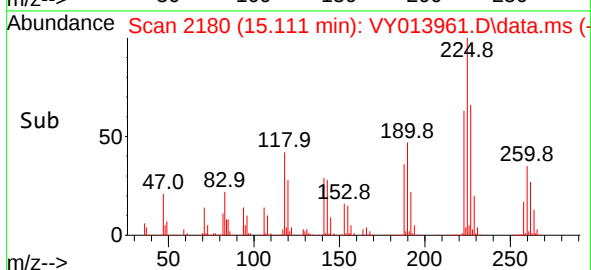
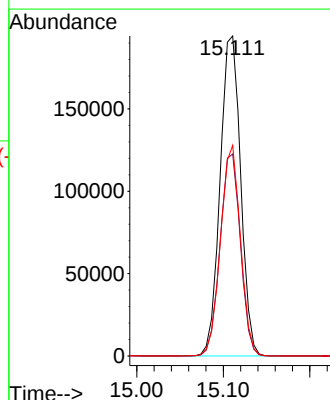
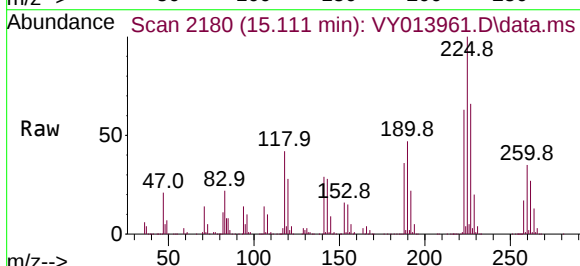
Tgt Ion:225 Resp: 319590

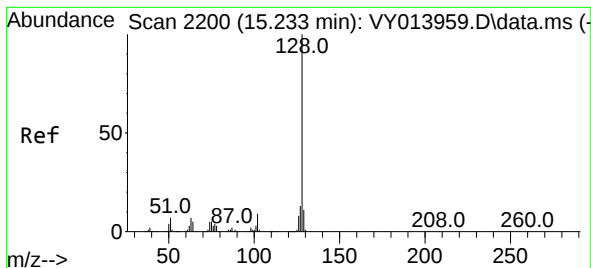
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 152.477 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

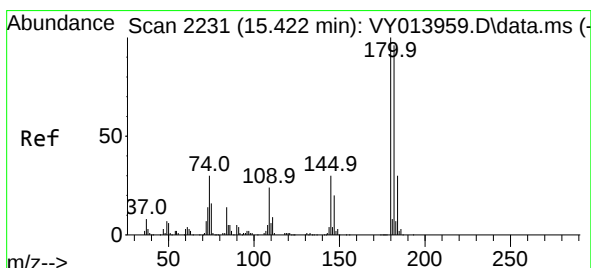
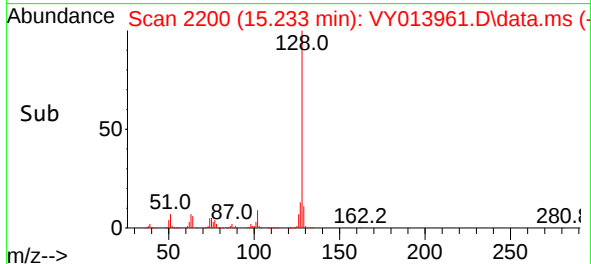
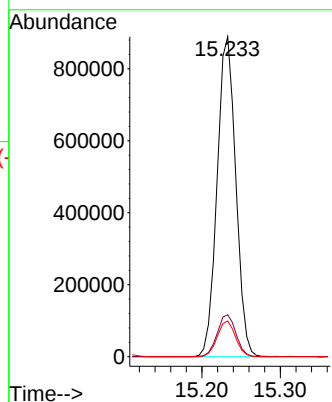
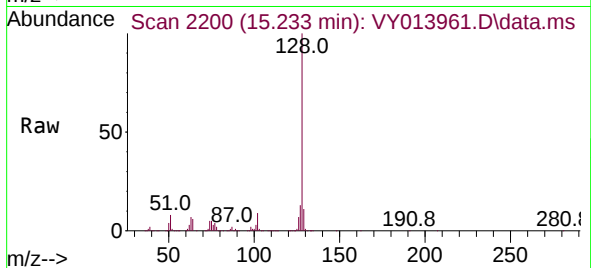
Tgt Ion:128 Resp: 1474757

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 163.299 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013961.D

Acq: 01 Jun 2023 13:14

Tgt Ion:180 Resp: 559747

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 31.3 15.4 46.2

