

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011741.D
 Acq On : 09 Dec 2022 12:45
 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: Dec 10 03:10:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:06:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	251050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	395884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165590	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	243988	119.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 239.340%#	
35) Dibromofluoromethane	7.716	113	251850	126.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 252.280%#	
50) Toluene-d8	10.179	98	793508	113.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 226.600%#	
62) 4-Bromofluorobenzene	12.483	95	324864	120.805	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 241.600%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	152014	110.920	ug/l	98
3) Chloromethane	2.113	50	190161	123.862	ug/l	99
4) Vinyl Chloride	2.253	62	227149	126.391	ug/l	96
5) Bromomethane	2.631	94	152417	122.912	ug/l	99
6) Chloroethane	2.784	64	165302	132.783	ug/l	99
7) Trichlorofluoromethane	3.125	101	460994	133.580	ug/l	100
8) Diethyl Ether	3.528	74	177463	146.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	280747	136.276	ug/l	99
10) Methyl Iodide	4.088	142	358000	148.420	ug/l	99
11) Tert butyl alcohol	4.954	59	195462	636.802	ug/l	99
12) 1,1-Dichloroethene	3.869	96	256595	138.107	ug/l	94
13) Acrolein	3.729	56	271971	768.484	ug/l	99
14) Allyl chloride	4.479	41	452326	146.564	ug/l	100
15) Acrylonitrile	5.161	53	500019	770.660	ug/l	100
16) Acetone	3.942	43	557368	813.081	ug/l	97
17) Carbon Disulfide	4.192	76	566830	133.591	ug/l	100
18) Methyl Acetate	4.479	43	245422	126.771	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	905379	155.635	ug/l	100
20) Methylene Chloride	4.710	84	342984	109.166	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	288796	138.298	ug/l	98
22) Diisopropyl ether	6.119	45	972786	144.471	ug/l	98
23) Vinyl Acetate	6.058	43	3096490	806.088	ug/l	100
24) 1,1-Dichloroethane	6.015	63	578589	141.404	ug/l	99
25) 2-Butanone	6.984	43	703663	798.018	ug/l	100
26) 2,2-Dichloropropane	6.978	77	545911	141.810	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	369894	144.931	ug/l	99
28) Bromochloromethane	7.332	49	211204	141.782	ug/l	99
29) Tetrahydrofuran	7.350	42	389291	775.671	ug/l	99
30) Chloroform	7.502	83	622260	142.251	ug/l	99
31) Cyclohexane	7.783	56	421110	128.412	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	557273	142.847	ug/l	99
36) 1,1-Dichloropropene	7.917	75	417068	138.831	ug/l	100
37) Ethyl Acetate	7.076	43	266766	151.888	ug/l	99
38) Carbon Tetrachloride	7.899	117	495723	140.478	ug/l	95
39) Methylcyclohexane	9.185	83	479518	141.860	ug/l	99
40) Benzene	8.161	78	1271732	141.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	368640	415.378	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	401901	144.813	ug/l	100
43) Isopropyl Acetate	8.271	43	502591	157.813	ug/l	99
44) Trichloroethene	8.941	130	355423	141.405	ug/l	99
45) 1,2-Dichloropropane	9.216	63	333853	143.727	ug/l	99
46) Dibromomethane	9.307	93	188144	144.699	ug/l	99
47) Bromodichloromethane	9.496	83	492116	146.502	ug/l	97
48) Methyl methacrylate	9.295	41	225592	160.698	ug/l	99
49) 1,4-Dioxane	9.295	88	58409	3242.617	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	1391491	792.952	ug/l	100
52) Toluene	10.246	92	815558	142.944	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	503678	150.115	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	557154	147.793	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	280074	145.735	ug/l	99
56) Ethyl methacrylate	10.508	69	398958	160.815	ug/l	99
57) 1,3-Dichloropropane	10.788	76	467256	145.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	895349	778.314	ug/l	99
59) 2-Hexanone	10.831	43	1015369	809.835	ug/l	99
60) Dibromochloromethane	10.983	129	354309	147.198	ug/l	99
61) 1,2-Dibromoethane	11.087	107	255891	146.977	ug/l	100
64) Tetrachloroethene	10.721	164	335326	135.026	ug/l	98
65) Chlorobenzene	11.514	112	899452	142.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	355759	144.996	ug/l	99
67) Ethyl Benzene	11.593	91	1635869	146.793	ug/l	99
68) m/p-Xylenes	11.703	106	1245404	291.818	ug/l	99
69) o-Xylene	12.026	106	602545	148.121	ug/l	100
70) Styrene	12.044	104	1033679	148.882	ug/l	99
71) Bromoform	12.209	173	224778	148.526	ug/l #	99
73) Isopropylbenzene	12.331	105	1608161	149.895	ug/l	99
74) N-amyl acetate	12.142	43	420486	163.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	314137	150.348	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	432068	218.892	ug/l #	100
77) Bromobenzene	12.611	156	374900	149.663	ug/l	99
78) n-propylbenzene	12.672	91	1881346	146.328	ug/l	100
79) 2-Chlorotoluene	12.758	91	1074406	146.422	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1327233	146.360	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	116584	157.910	ug/l	99
82) 4-Chlorotoluene	12.855	91	1117285	146.804	ug/l	99
83) tert-Butylbenzene	13.075	119	1178844	149.292	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1323940	148.279	ug/l	99
85) sec-Butylbenzene	13.251	105	1715522	145.884	ug/l	99
86) p-Isopropyltoluene	13.367	119	1450438	148.194	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	730181	144.848	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	716110	142.932	ug/l	100
89) n-Butylbenzene	13.696	91	1304727	146.643	ug/l	100
90) Hexachloroethane	13.959	117	275363	141.586	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	646708	142.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	56687	155.615	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	407340	153.959	ug/l	98
94) Hexachlorobutadiene	15.111	225	233515	138.909	ug/l	99
95) Naphthalene	15.233	128	874255	170.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	352744	154.350	ug/l	99

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ClientSampleId :
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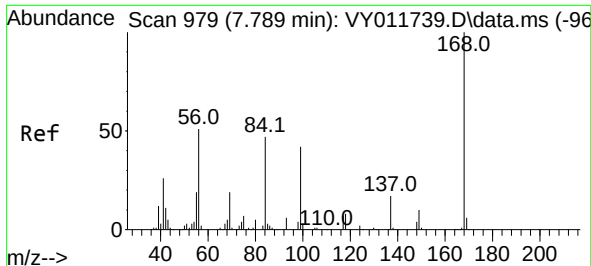
Quant Time: Dec 10 03:10:37 2022
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QLast Update : Sat Dec 10 03:06:37 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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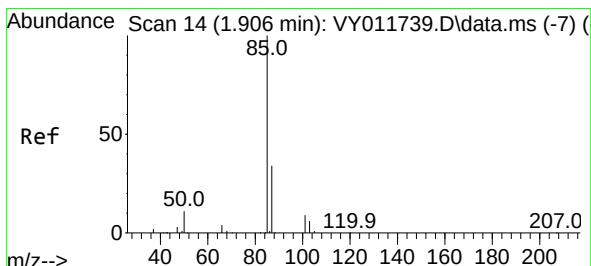
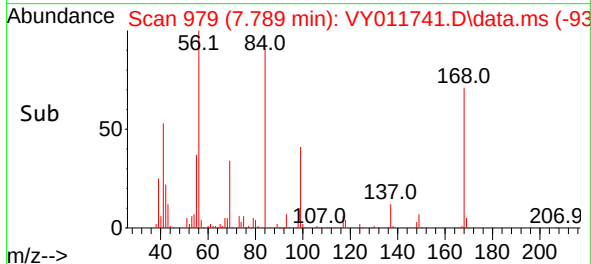
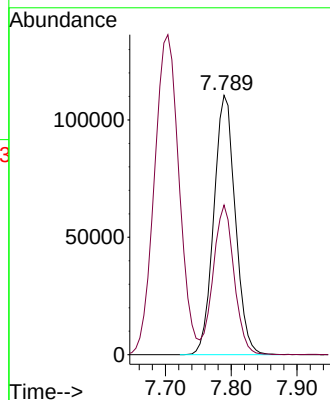
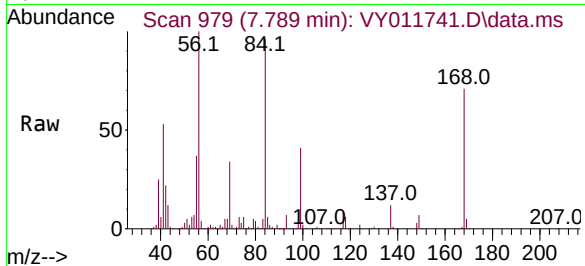




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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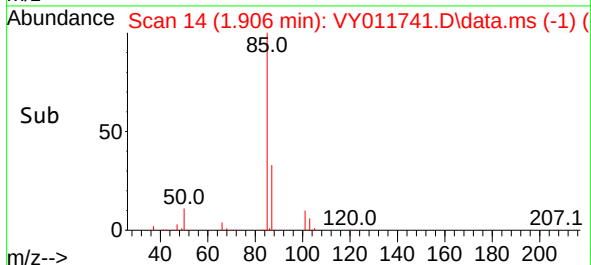
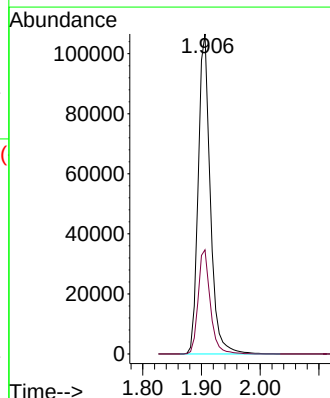
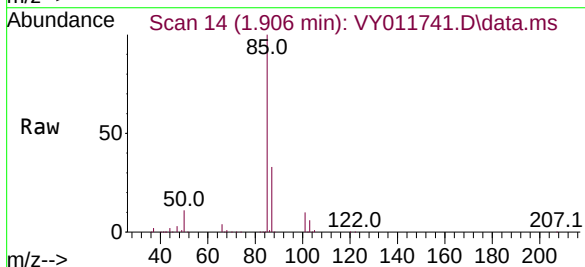
Instrument :
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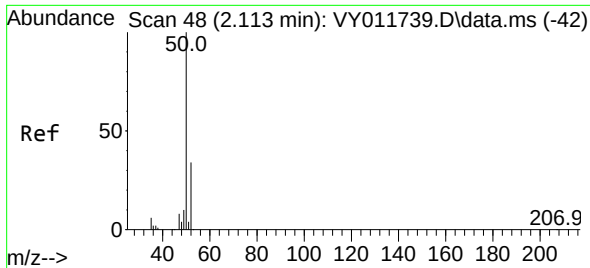
Tgt Ion:168 Resp: 251050
Ion Ratio Lower Upper
168 100
99 57.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 110.920 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 85 Resp: 152014
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4

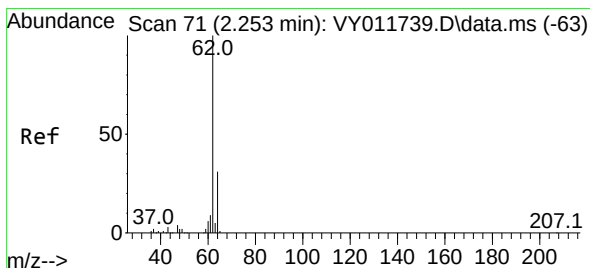
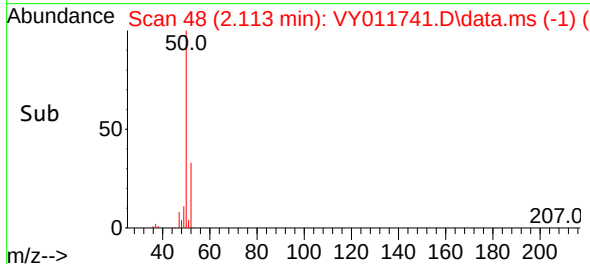
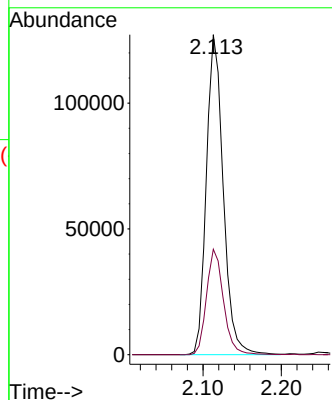
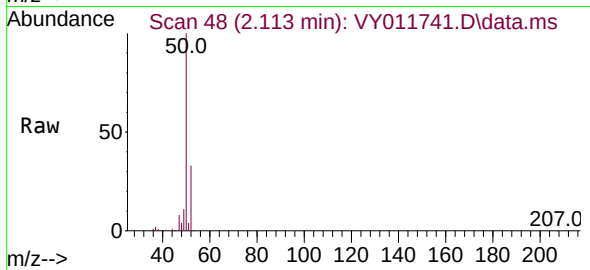




#3
Chloromethane
Concen: 123.862 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

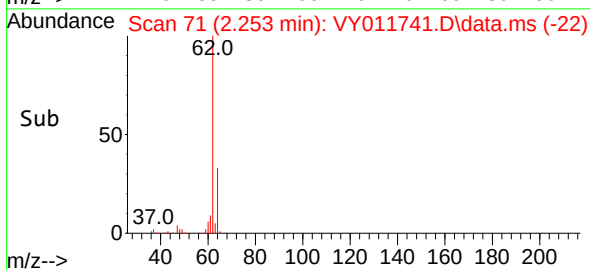
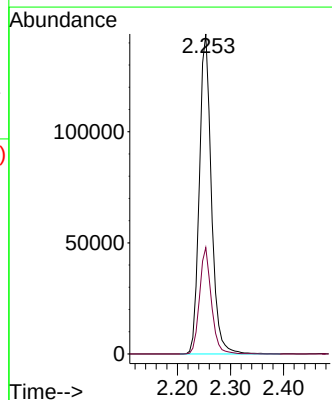
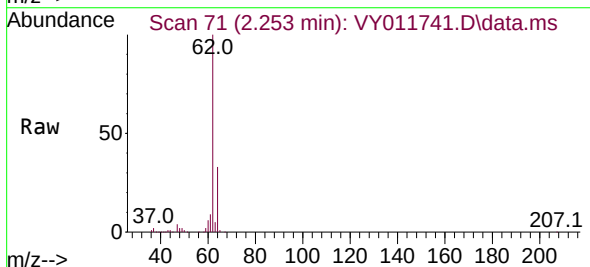
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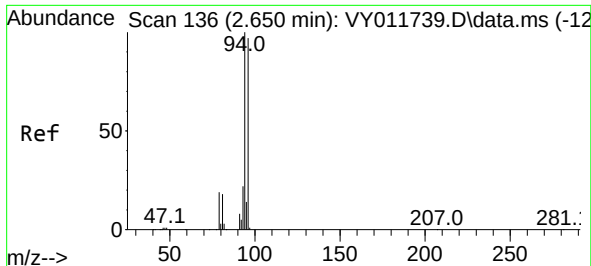
Tgt Ion: 50 Resp: 190161
Ion Ratio Lower Upper
50 100
52 32.9 26.8 40.2



#4
Vinyl Chloride
Concen: 126.391 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 62 Resp: 227149
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6

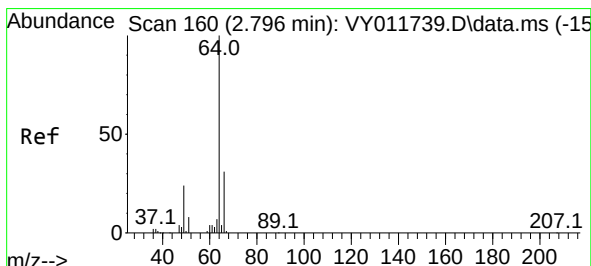
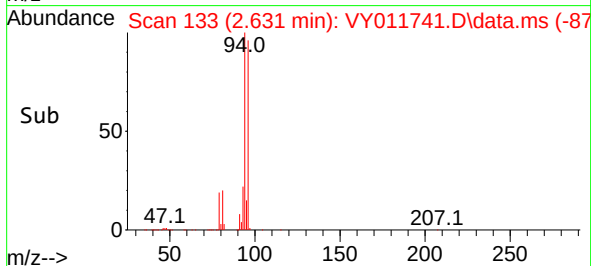
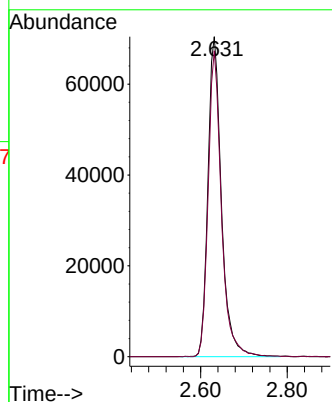
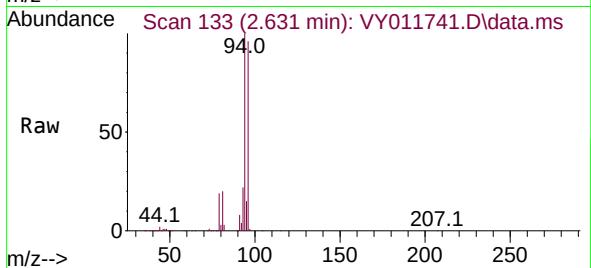




#5
Bromomethane
Concen: 122.912 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

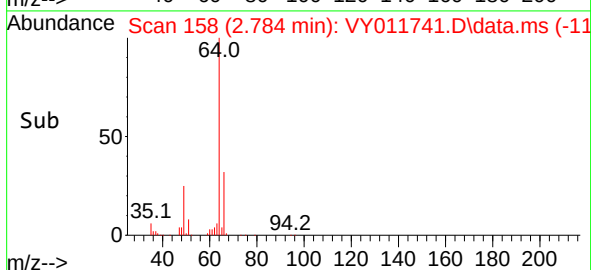
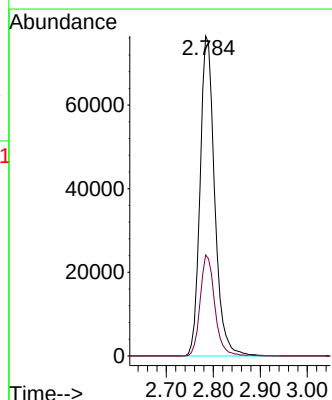
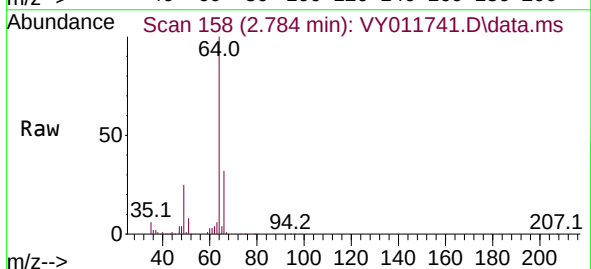
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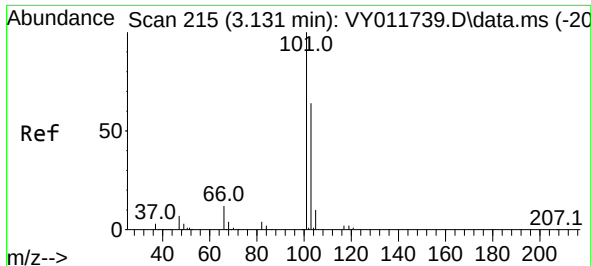
Tgt Ion: 94 Resp: 152417
Ion Ratio Lower Upper
94 100
96 95.5 77.4 116.2



#6
Chloroethane
Concen: 132.783 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 64 Resp: 165302
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.4

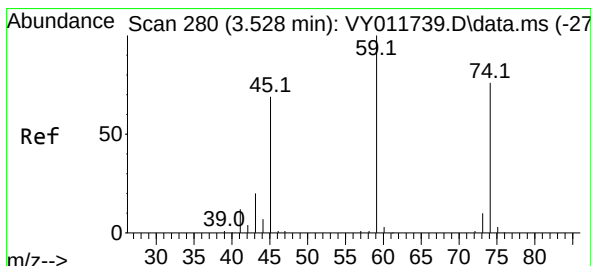
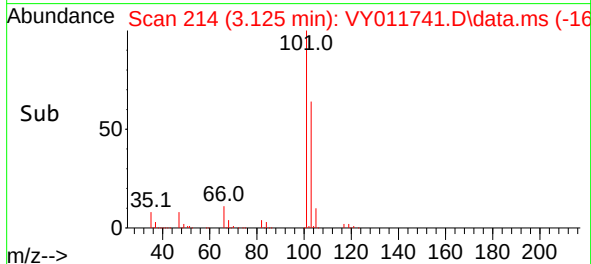
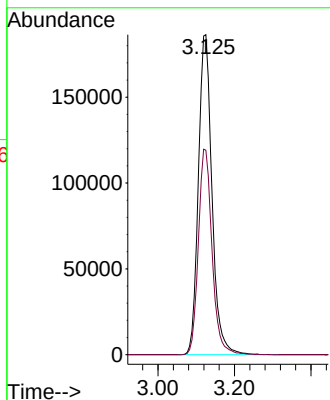
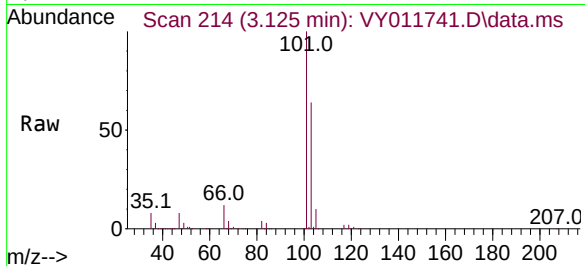




#7
 Trichlorofluoromethane
 Concen: 133.580 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY011741.D
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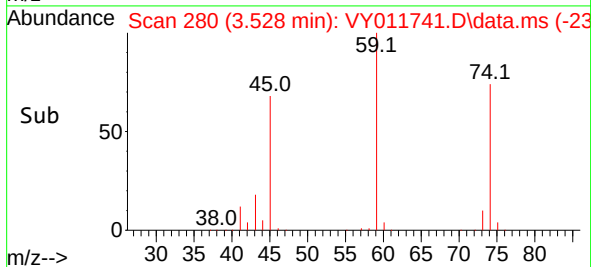
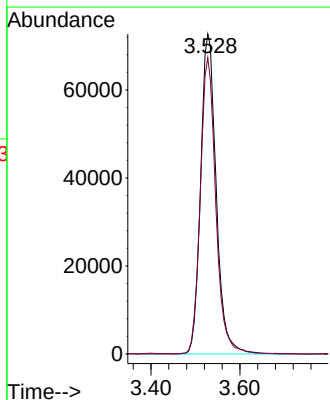
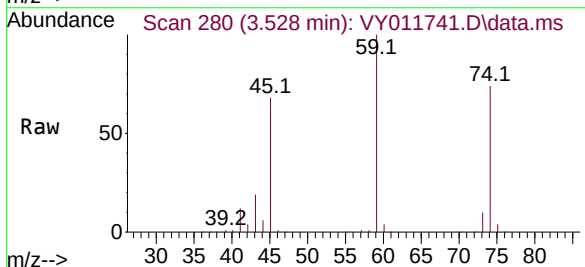
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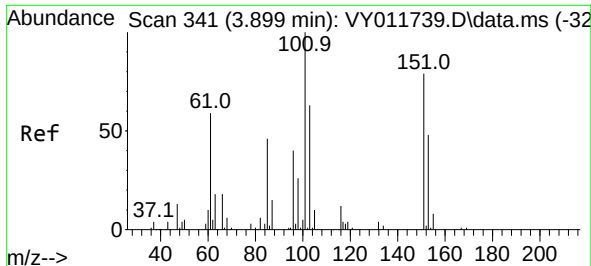
Tgt Ion:101 Resp: 460994
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.6



#8
 Diethyl Ether
 Concen: 146.809 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY011741.D
 Acq: 09 Dec 2022 12:45

Tgt Ion: 74 Resp: 177463
 Ion Ratio Lower Upper
 74 100
 45 92.4 46.8 140.3

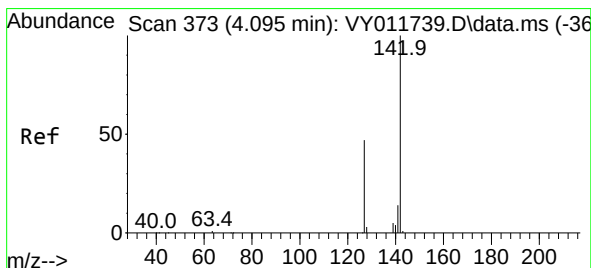
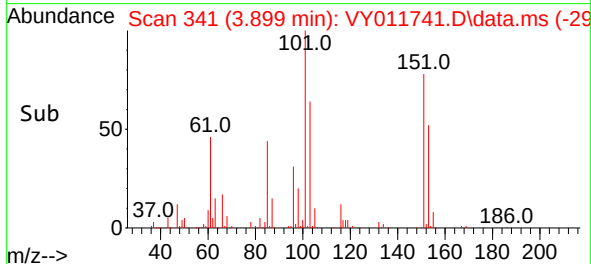
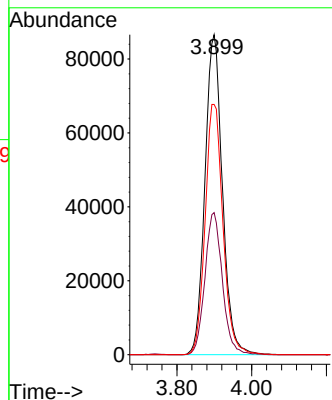
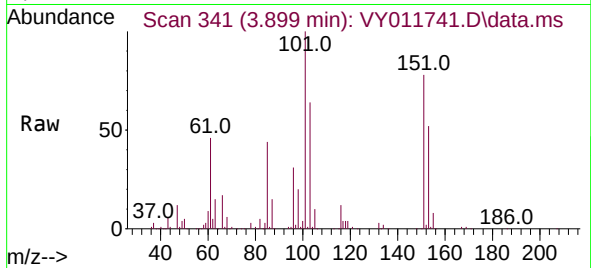




#9
1,1,2-Trichlorotrifluoroethane
Concen: 136.276 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011741.D
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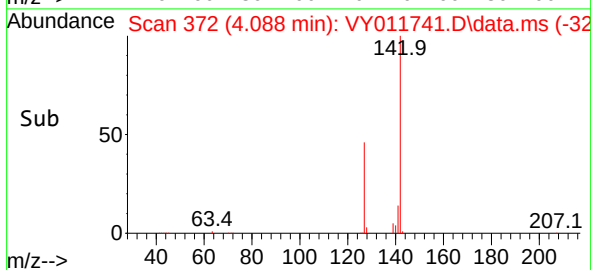
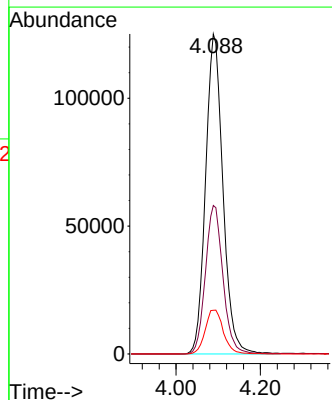
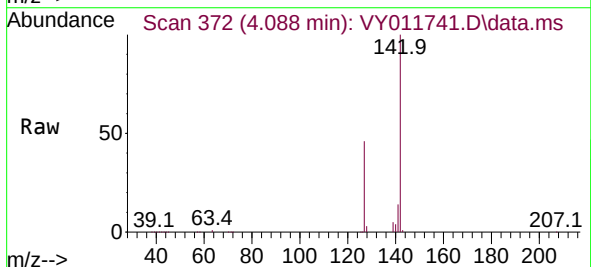
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

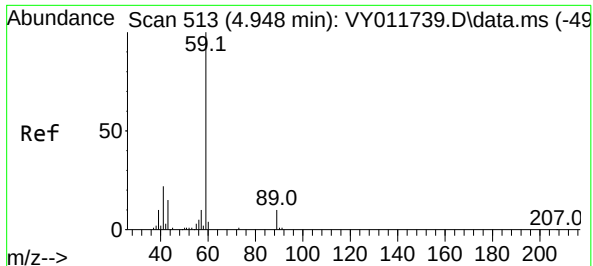
Tgt Ion:101 Resp: 280747
Ion Ratio Lower Upper
101 100
85 44.5 36.2 54.2
151 80.0 64.2 96.2



#10
Methyl Iodide
Concen: 148.420 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion:142 Resp: 358000
Ion Ratio Lower Upper
142 100
127 47.1 37.0 55.4
141 14.4 11.4 17.0

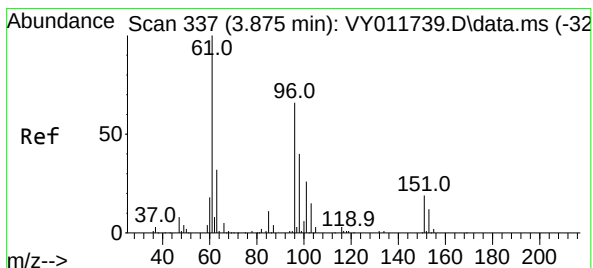
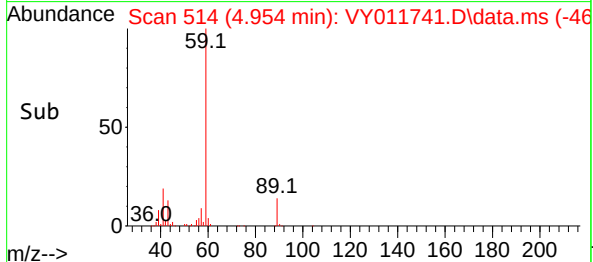
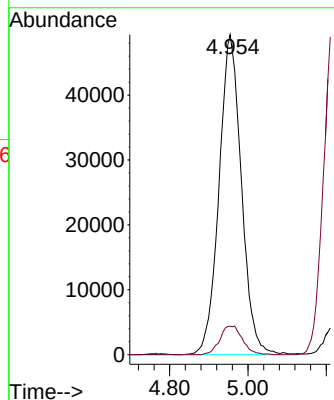
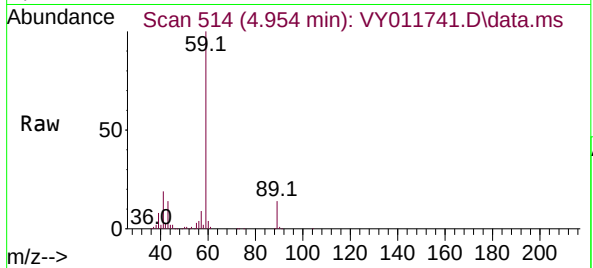




#11
Tert butyl alcohol
Concen: 636.802 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

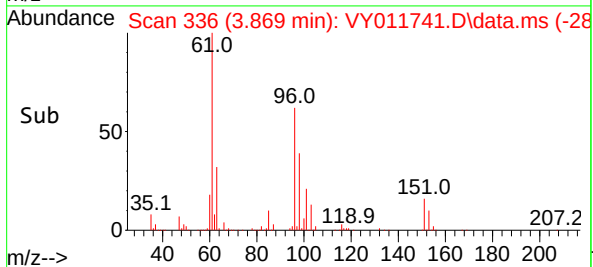
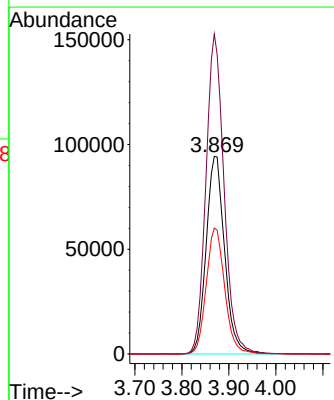
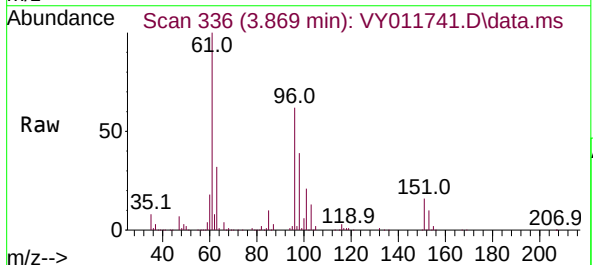
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

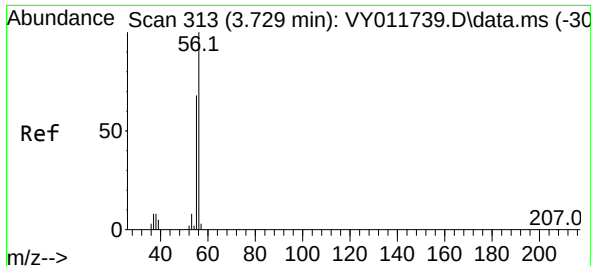
Tgt Ion: 59 Resp: 195462
Ion Ratio Lower Upper
59 100
57 9.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 138.107 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 96 Resp: 256595
Ion Ratio Lower Upper
96 100
61 162.0 122.0 183.0
98 63.7 48.6 73.0

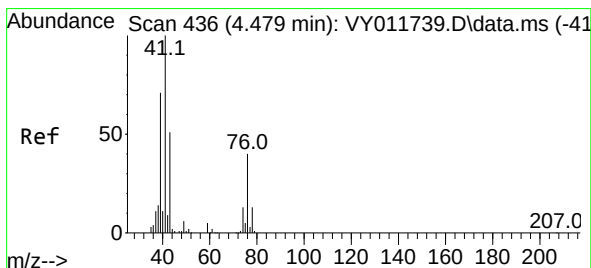
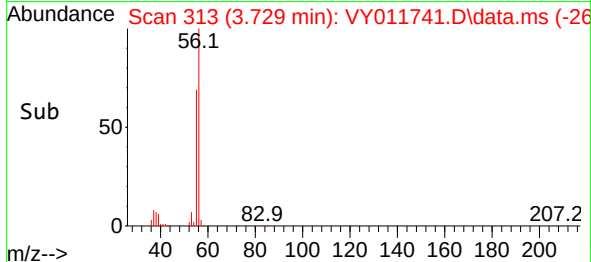
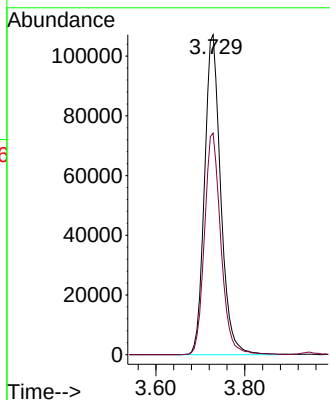
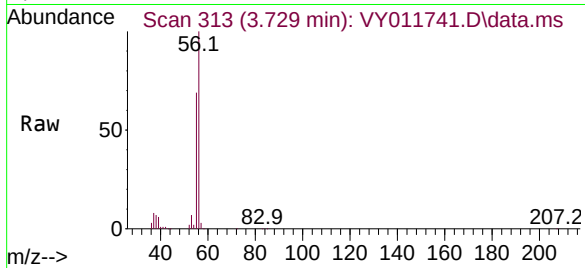




#13
Acrolein
Concen: 768.484 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

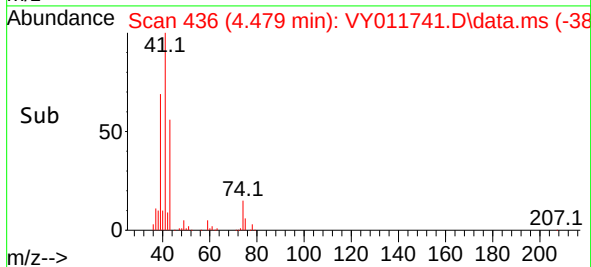
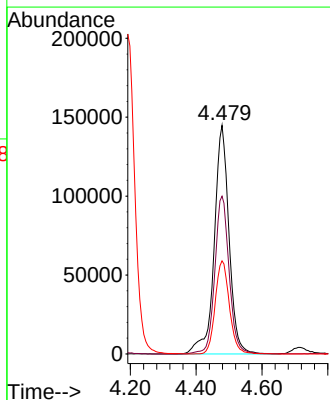
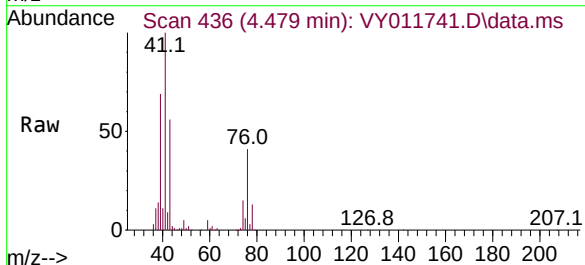
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

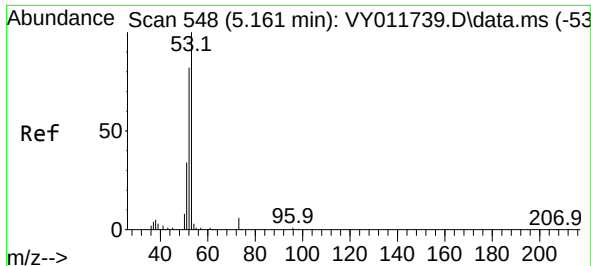
Tgt Ion: 56 Resp: 271971
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0



#14
Allyl chloride
Concen: 146.564 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 41 Resp: 452326
Ion Ratio Lower Upper
41 100
39 67.0 53.5 80.3
76 38.9 31.1 46.7

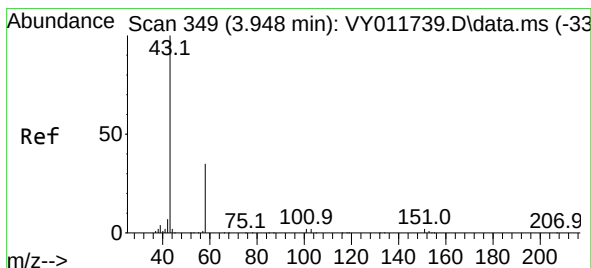
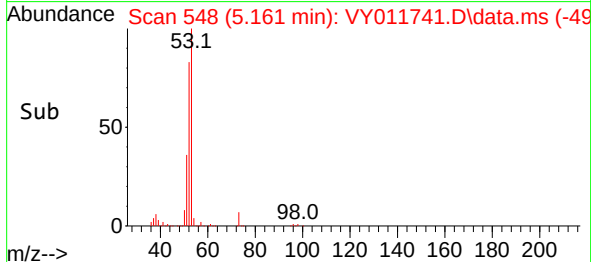
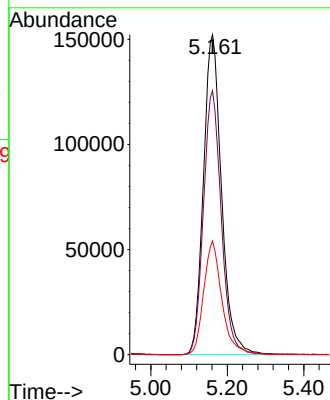
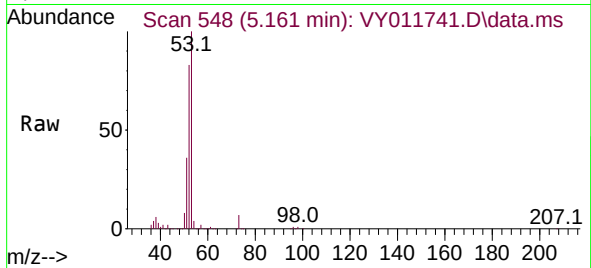




#15
Acrylonitrile
Concen: 770.660 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

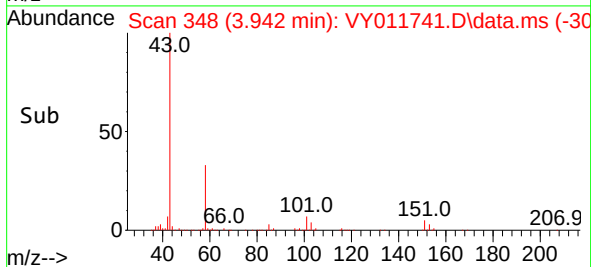
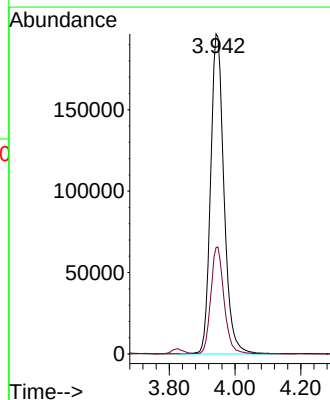
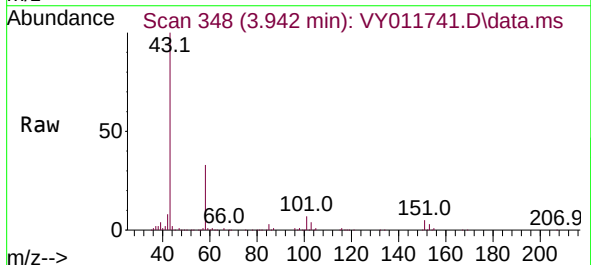
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

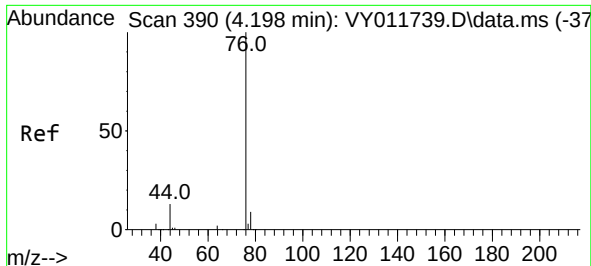
Tgt Ion: 53 Resp: 500019
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 35.7 28.7 43.1



#16
Acetone
Concen: 813.081 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 43 Resp: 557368
Ion Ratio Lower Upper
43 100
58 33.2 27.9 41.9

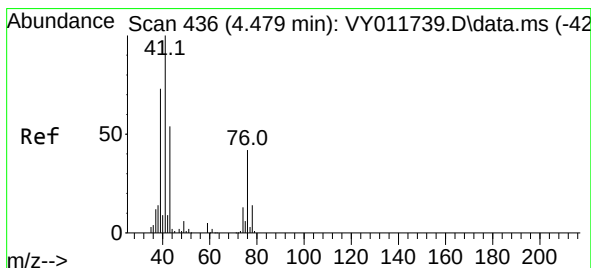
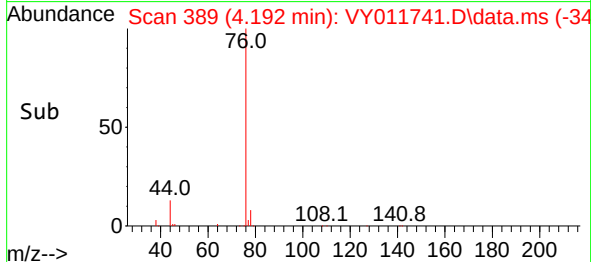
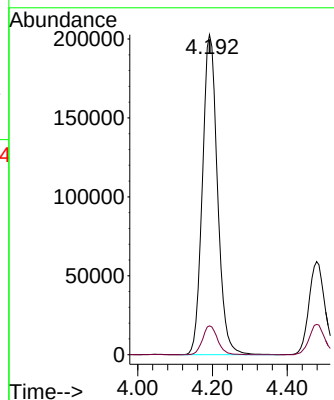
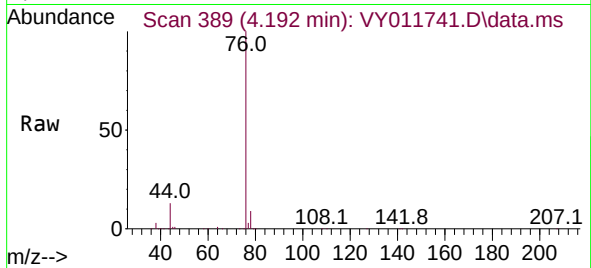




#17
Carbon Disulfide
Concen: 133.591 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

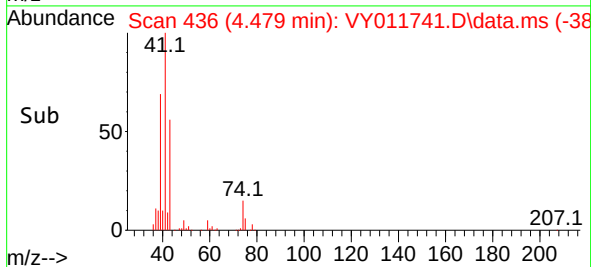
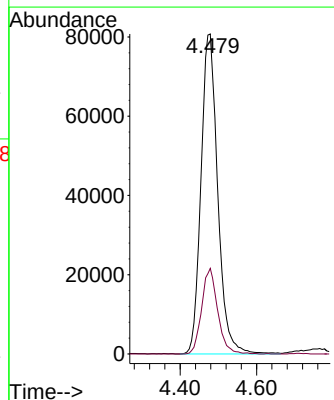
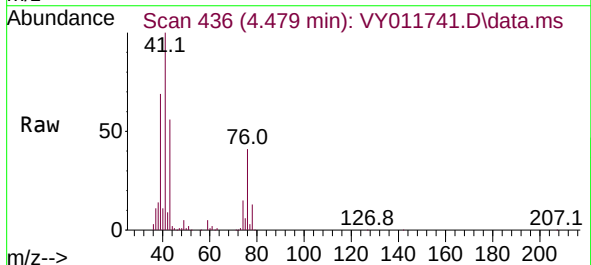
Instrument :
MSVOA_Y
ClientSampleId :
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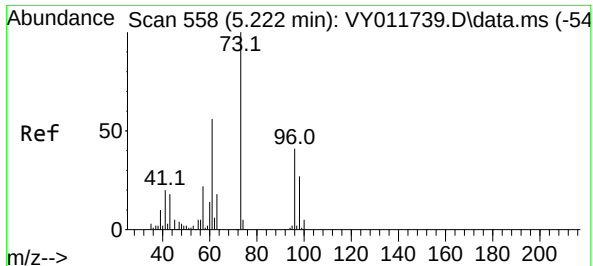
Tgt Ion: 76 Resp: 566830
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 126.771 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 43 Resp: 245422
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1

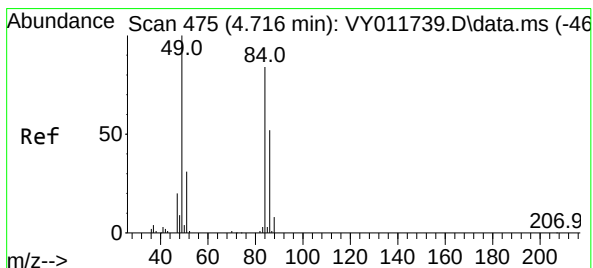
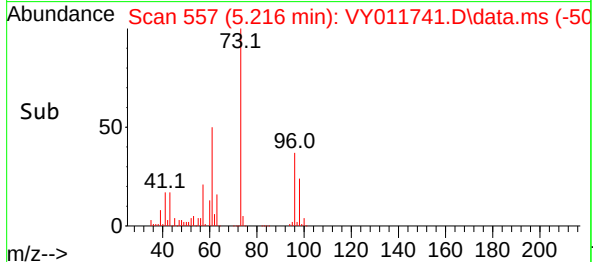
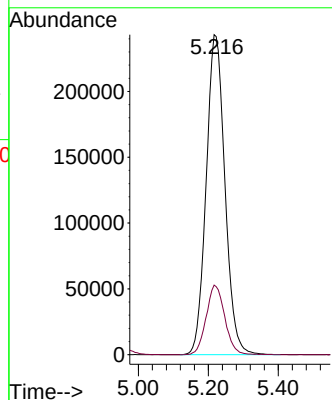
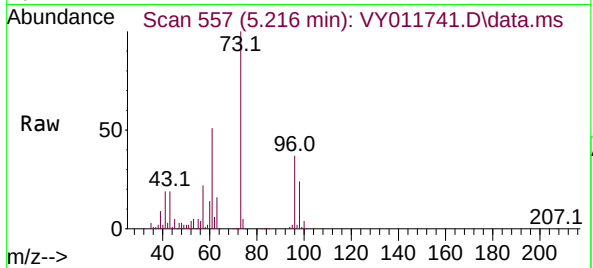




#19
Methyl tert-butyl Ether
Concen: 155.635 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

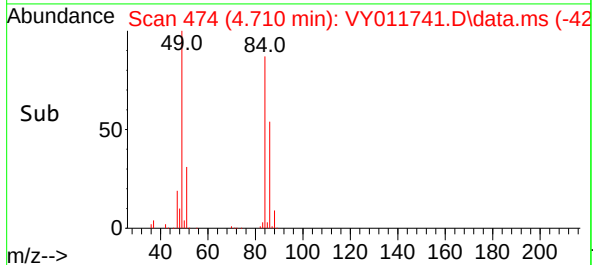
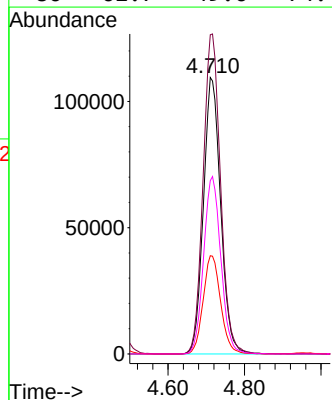
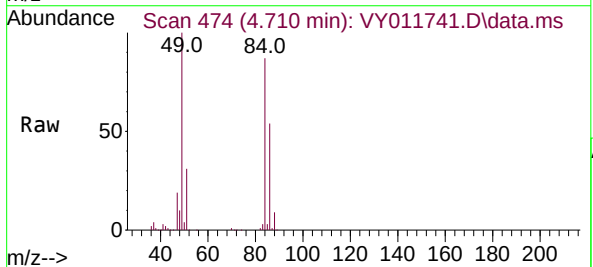
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

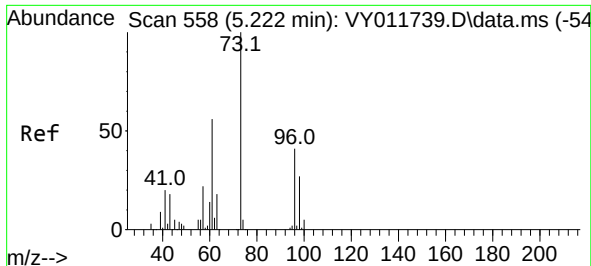
Tgt Ion: 73 Resp: 905379
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 109.166 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 84 Resp: 342984
Ion Ratio Lower Upper
84 100
49 115.4 95.4 143.2
51 35.5 29.9 44.9
86 62.7 49.6 74.4

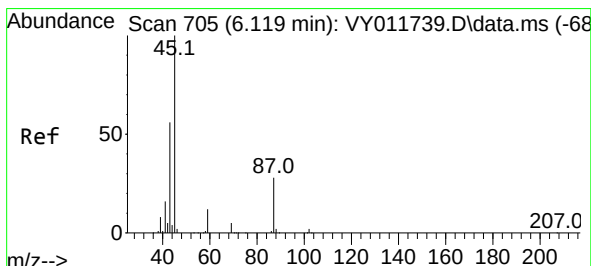
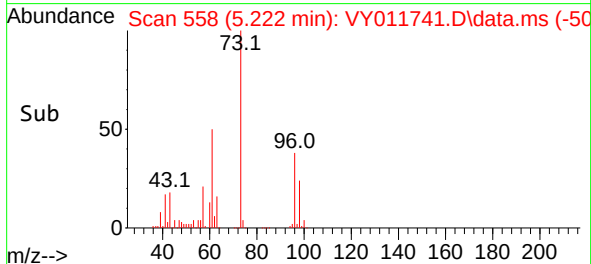
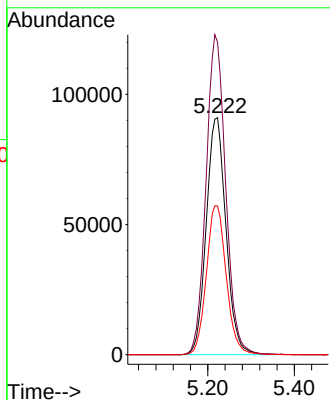
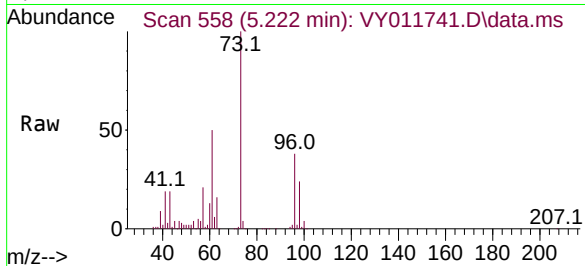




#21
trans-1,2-Dichloroethene
Concen: 138.298 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

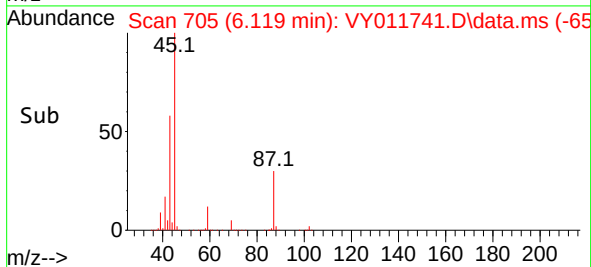
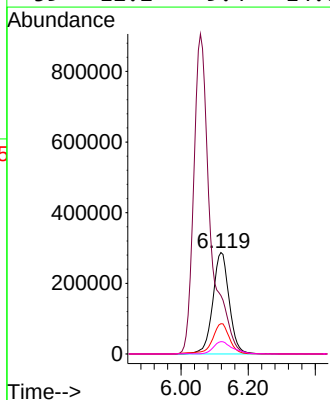
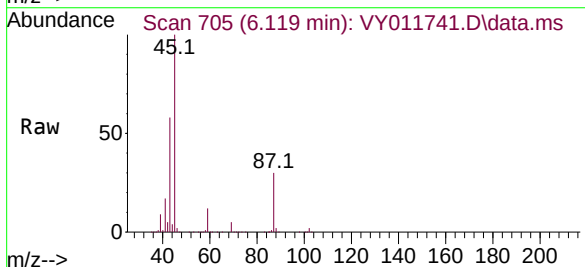
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

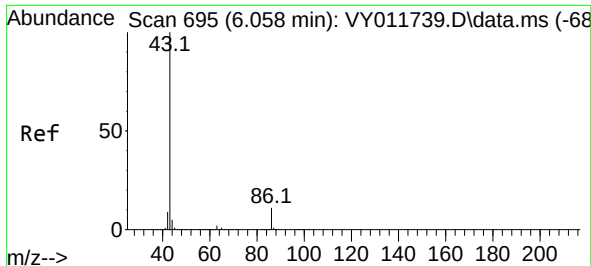
Tgt Ion: 96 Resp: 288796
Ion Ratio Lower Upper
96 100
61 131.9 108.0 162.0
98 62.8 51.6 77.4



#22
Diisopropyl ether
Concen: 144.471 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 45 Resp: 972786
Ion Ratio Lower Upper
45 100
43 57.5 45.0 67.4
87 29.8 22.6 33.8
59 12.2 9.4 14.0

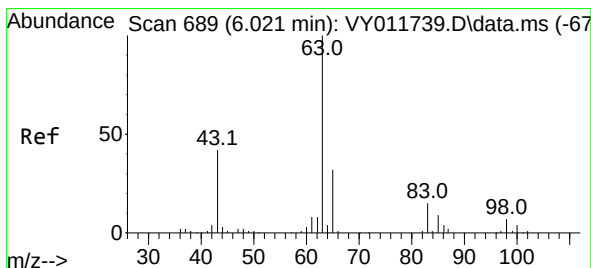
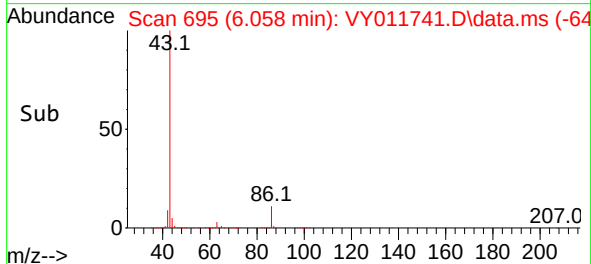
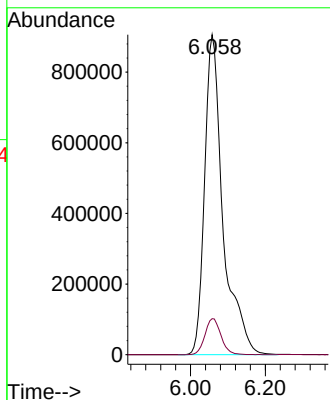
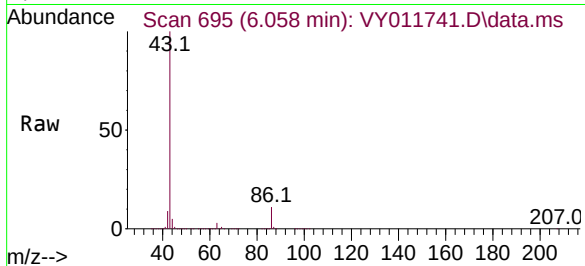




#23
 Vinyl Acetate
 Concen: 806.088 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY011741.D
 Acq: 09 Dec 2022 12:45

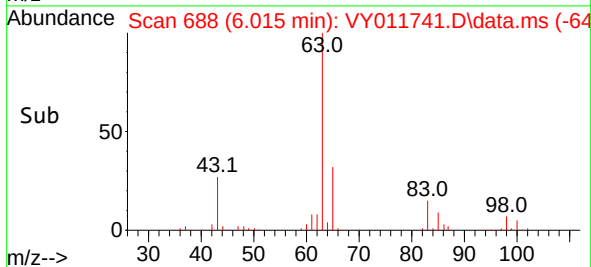
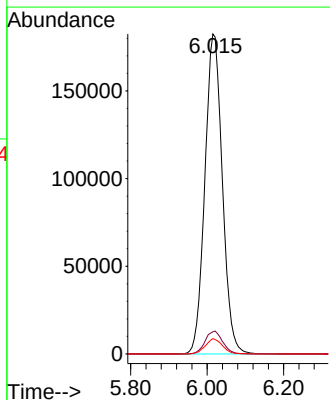
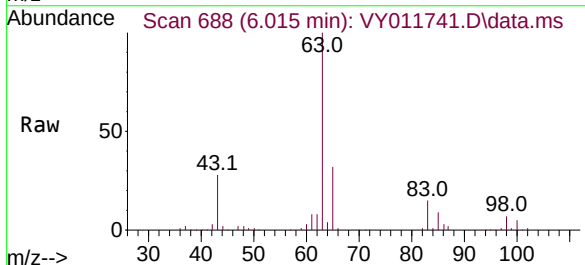
Instrument :
 MSVOA_Y
 ClientSampleId :
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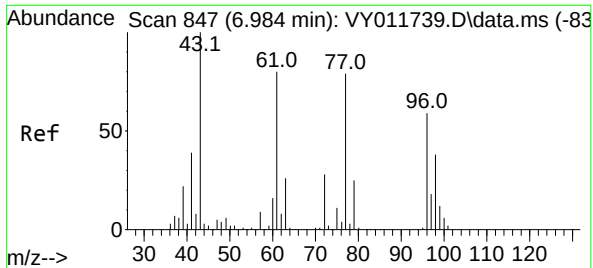
Tgt Ion: 43 Resp: 3096490
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 141.404 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011741.D
 Acq: 09 Dec 2022 12:45

Tgt Ion: 63 Resp: 578589
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.8 2.2 6.6

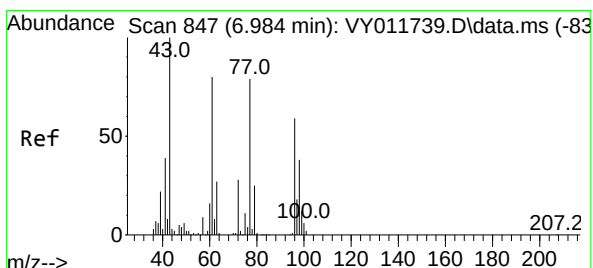
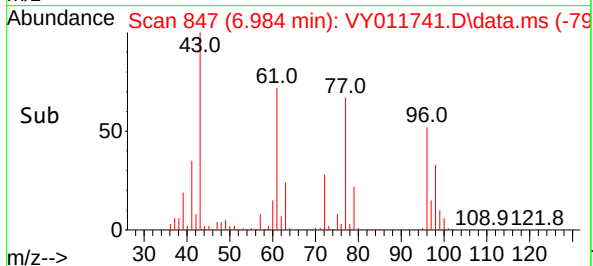
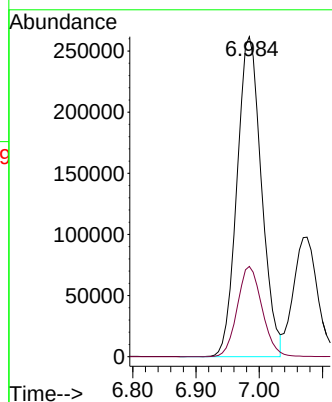
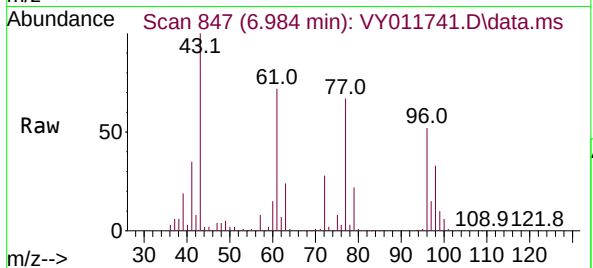




#25
2-Butanone
Concen: 798.018 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

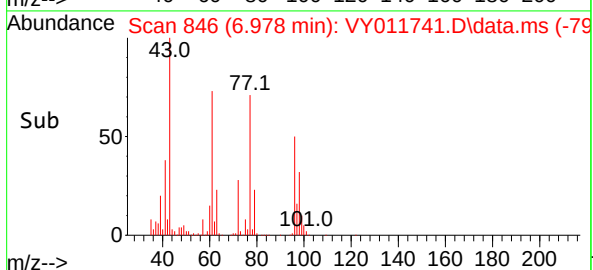
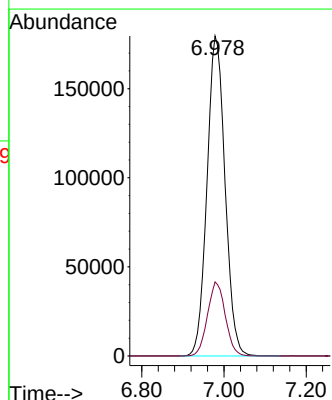
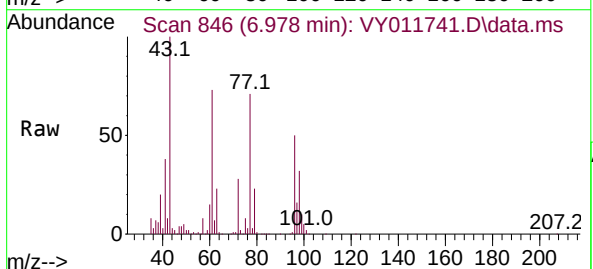
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

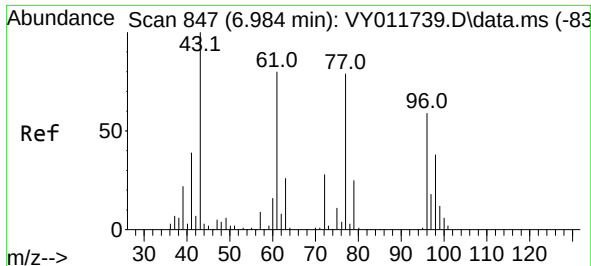
Tgt Ion: 43 Resp: 703663
Ion Ratio Lower Upper
43 100
72 28.2 22.6 34.0



#26
2,2-Dichloropropane
Concen: 141.810 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 77 Resp: 545911
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 144.931 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

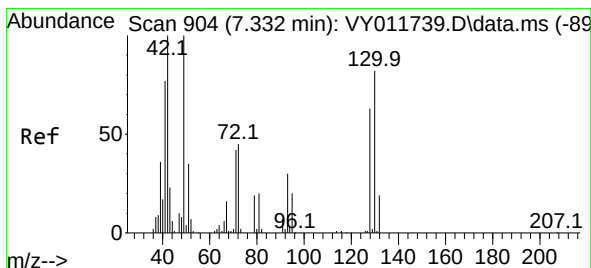
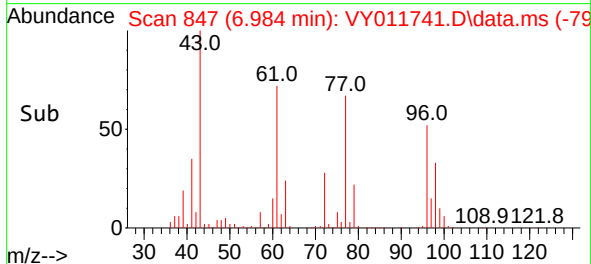
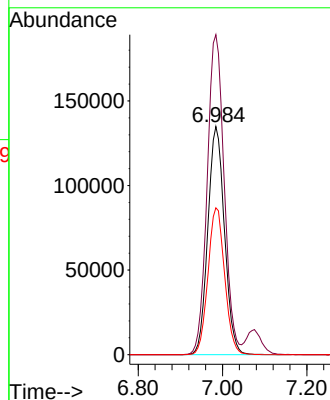
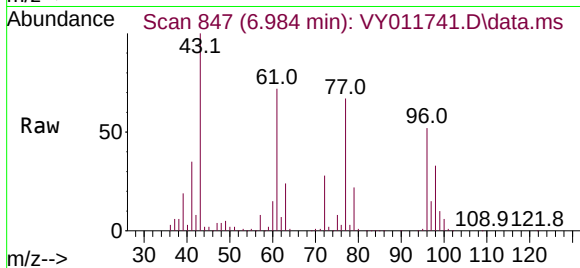
Tgt Ion: 96 Resp: 369894

Ion Ratio Lower Upper

96 100

61 143.5 0.0 283.4

98 64.7 0.0 127.6



#28

Bromochloromethane

Concen: 141.782 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

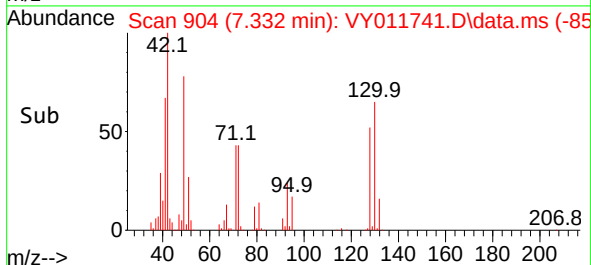
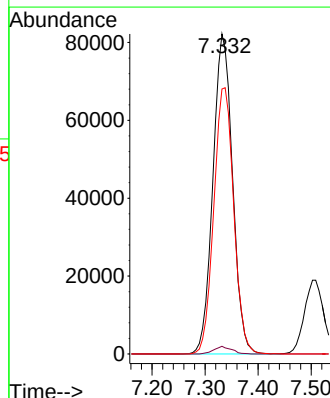
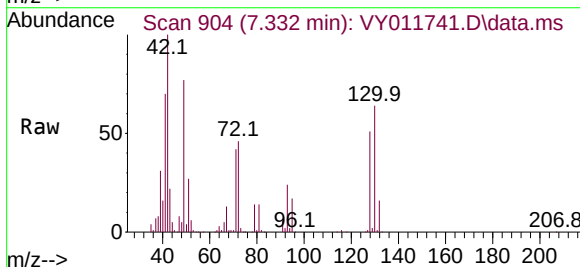
Tgt Ion: 49 Resp: 211204

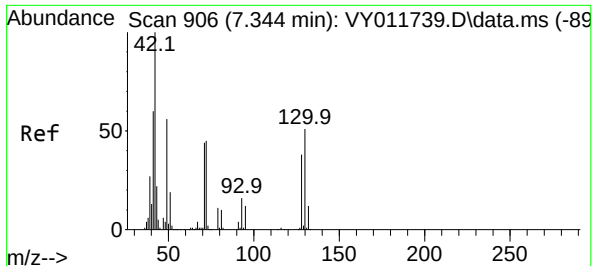
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.4 66.7 100.1





#29

Tetrahydrofuran

Concen: 775.671 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

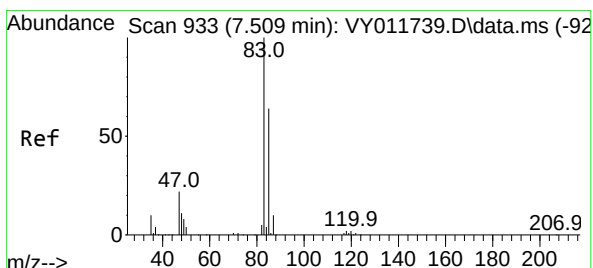
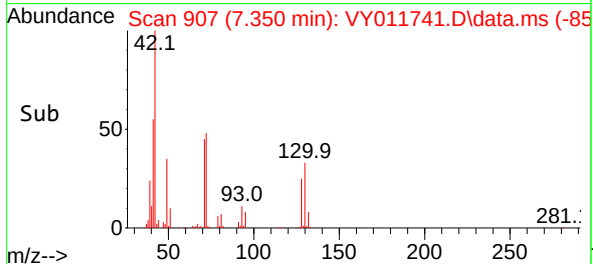
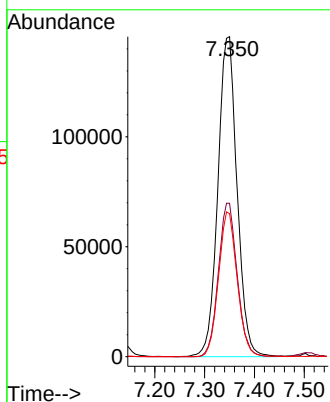
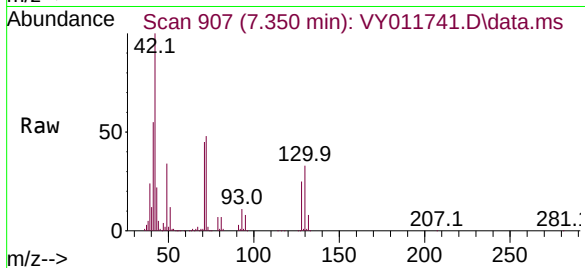
Tgt Ion: 42 Resp: 389291

Ion Ratio Lower Upper

42 100

72 47.0 37.0 55.6

71 44.0 34.9 52.3



#30

Chloroform

Concen: 142.251 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY011741.D

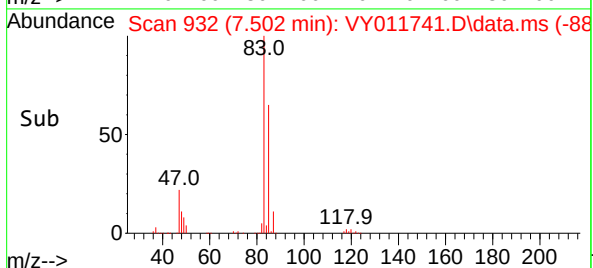
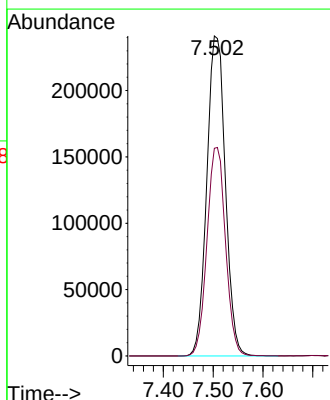
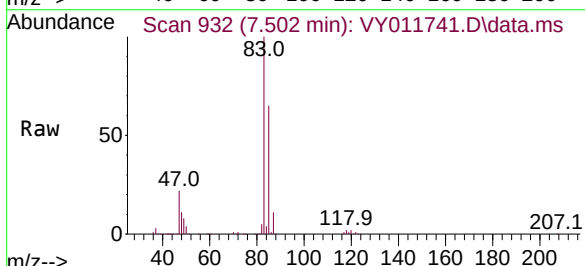
Acq: 09 Dec 2022 12:45

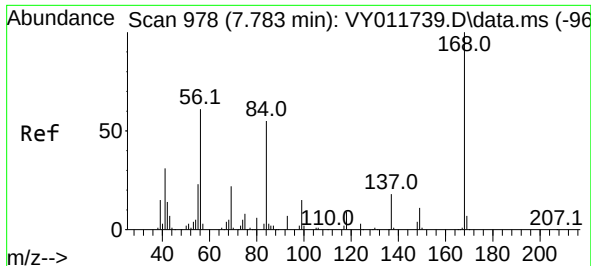
Tgt Ion: 83 Resp: 622260

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3

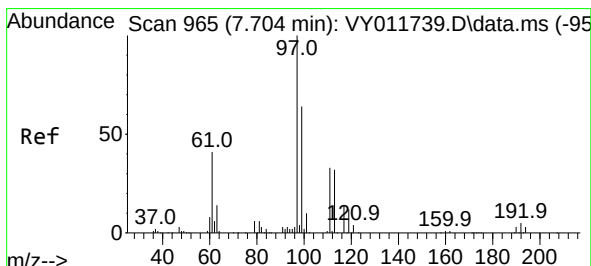
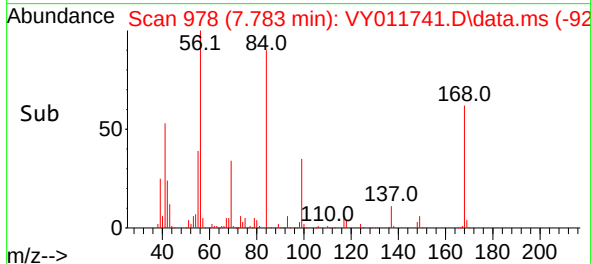
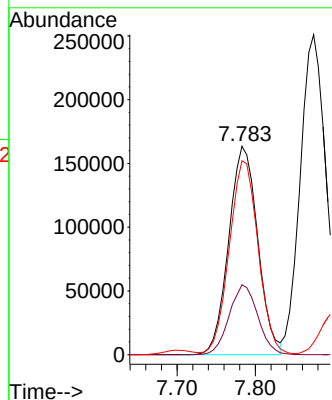
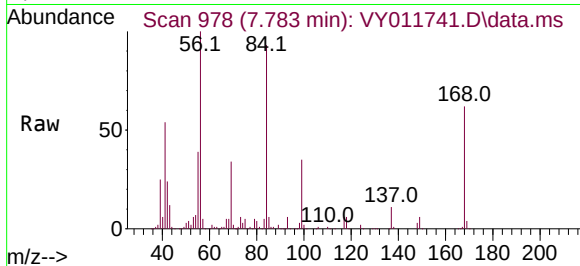




#31
Cyclohexane
Concen: 128.412 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

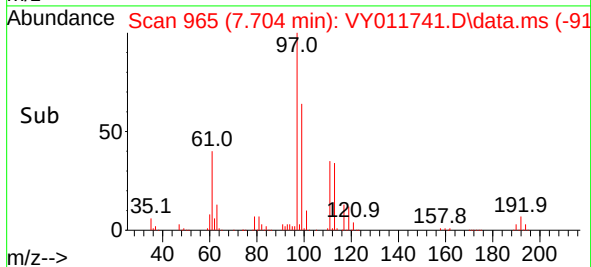
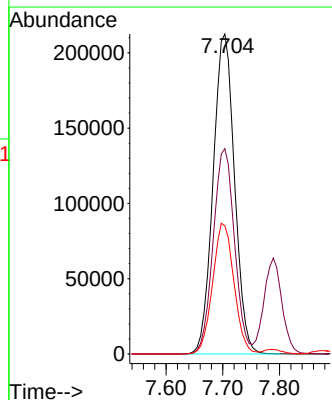
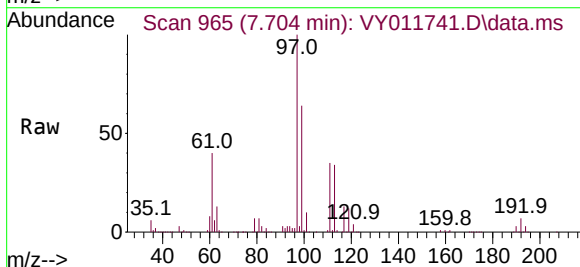
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

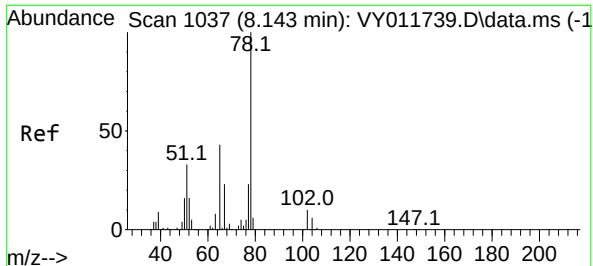
Tgt Ion: 56 Resp: 421110
Ion Ratio Lower Upper
56 100
69 33.6 29.2 43.8
84 91.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 142.847 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 97 Resp: 557273
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 40.7 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 119.669 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

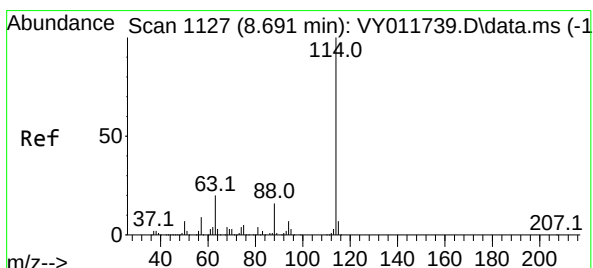
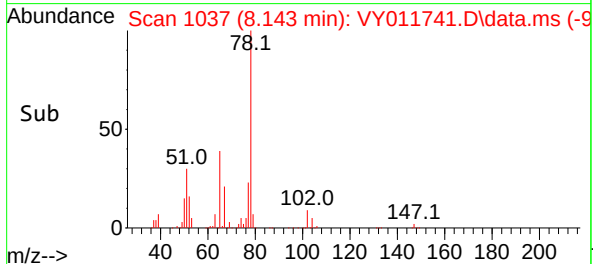
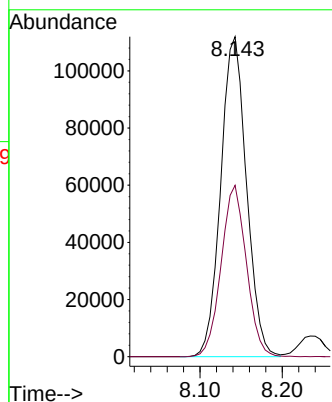
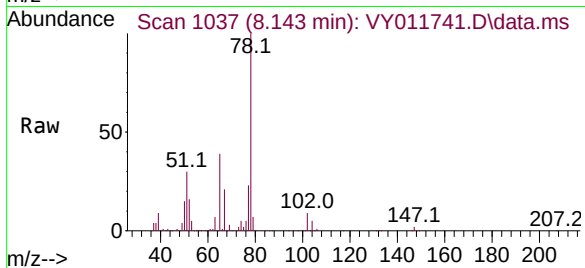
VSTDIC150

Tgt Ion: 65 Resp: 243988

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

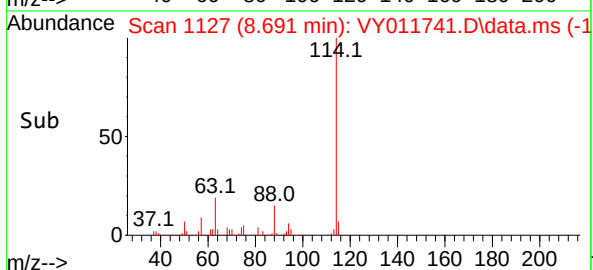
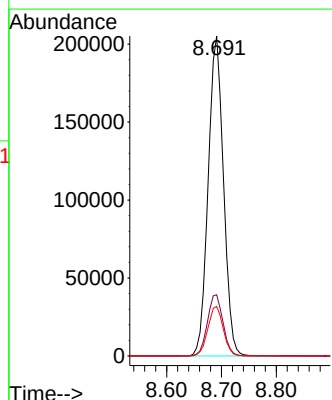
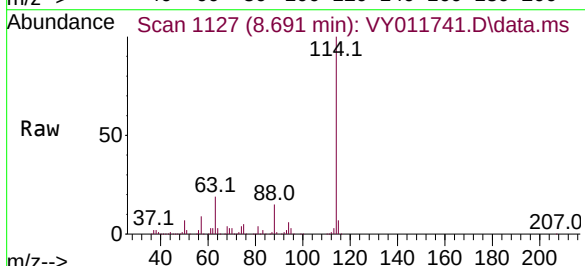
Tgt Ion: 114 Resp: 395884

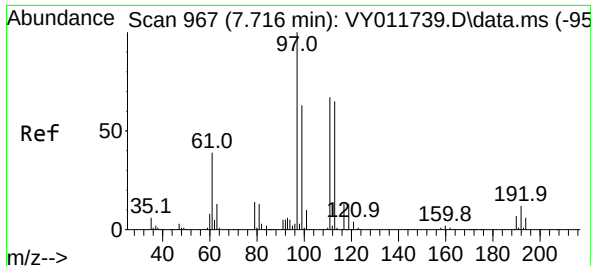
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.5 0.0 32.2

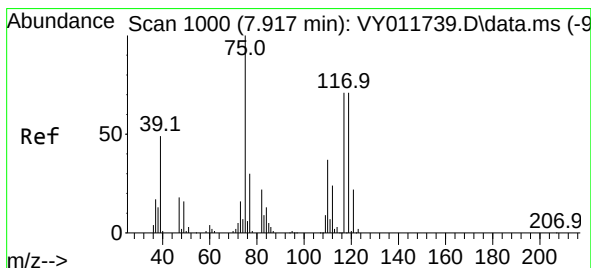
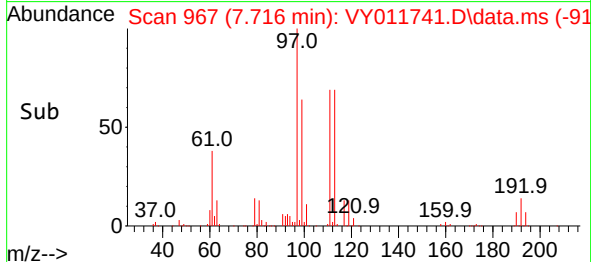
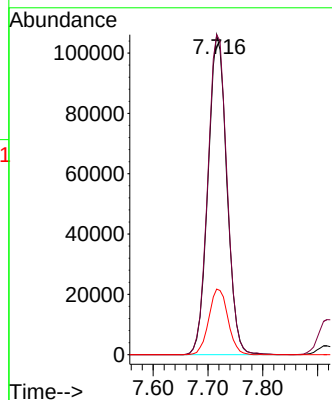
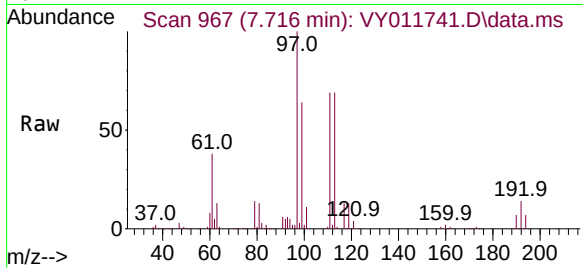




#35
Dibromofluoromethane
Concen: 126.143 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

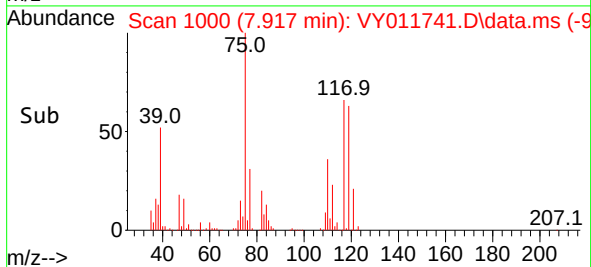
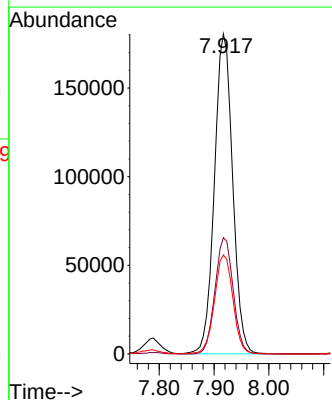
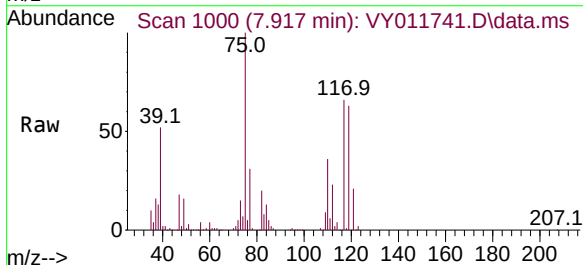
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

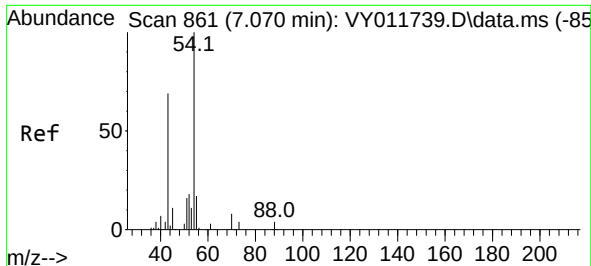
Tgt Ion:113 Resp: 251850
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 138.831 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 75 Resp: 417068
Ion Ratio Lower Upper
75 100
110 36.2 18.1 54.1
77 31.4 25.1 37.7

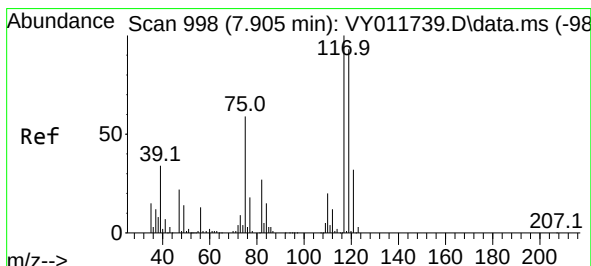
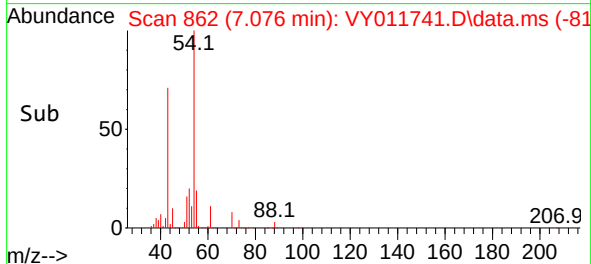
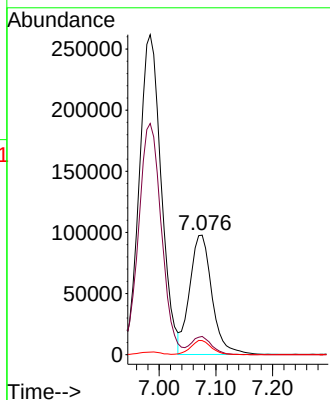
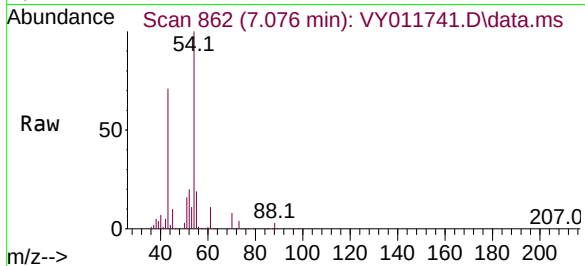




#37
Ethyl Acetate
Concen: 151.888 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

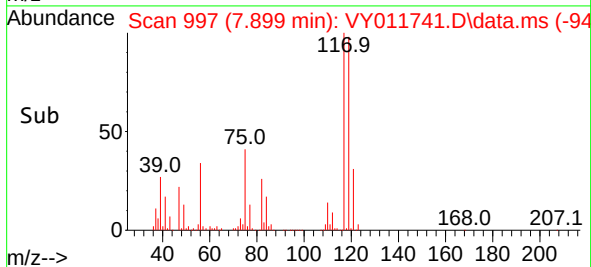
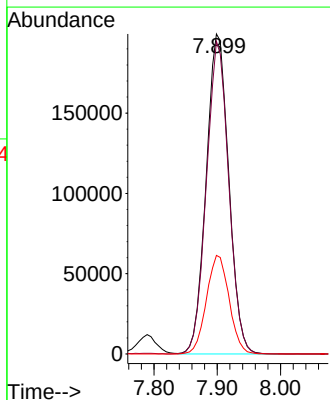
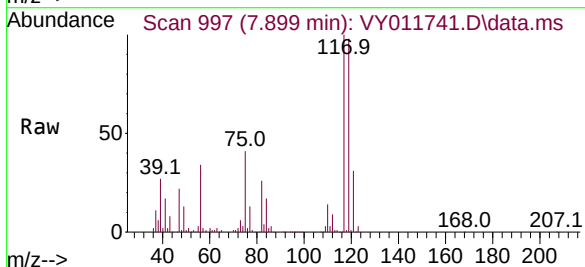
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

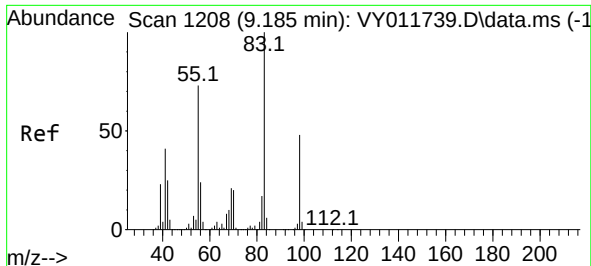
Tgt Ion: 43 Resp: 266766
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 11.1 8.2 12.4



#38
Carbon Tetrachloride
Concen: 140.478 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 117 Resp: 495723
Ion Ratio Lower Upper
117 100
119 97.7 73.8 110.8
121 30.8 25.2 37.8





#39

Methylcyclohexane

Concen: 141.860 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

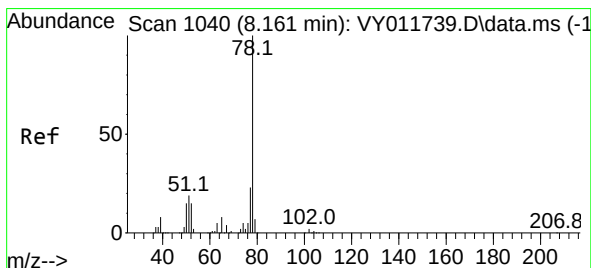
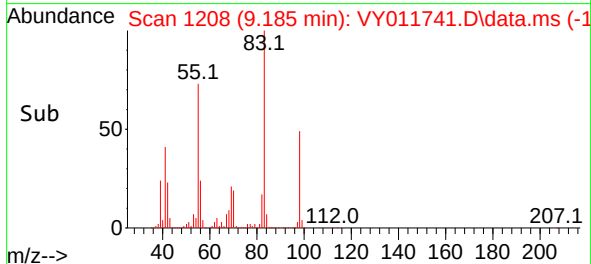
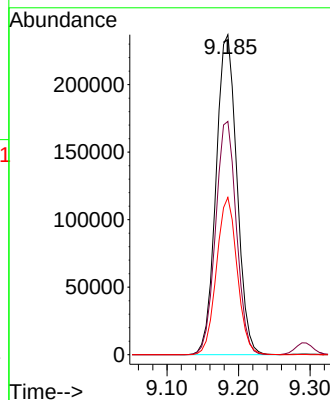
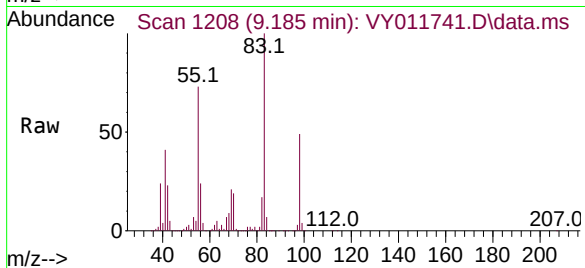
Tgt Ion: 83 Resp: 479518

Ion Ratio Lower Upper

83 100

55 72.9 58.2 87.2

98 49.2 38.6 58.0



#40

Benzene

Concen: 141.702 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011741.D

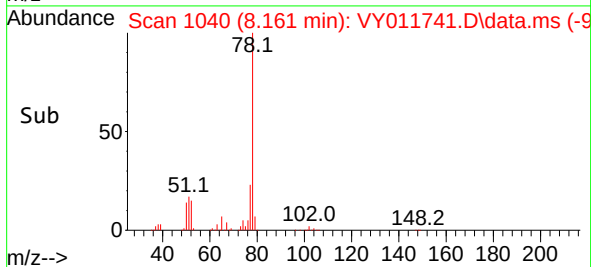
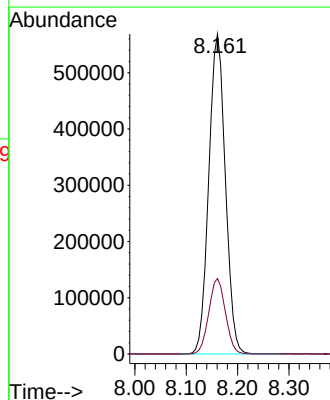
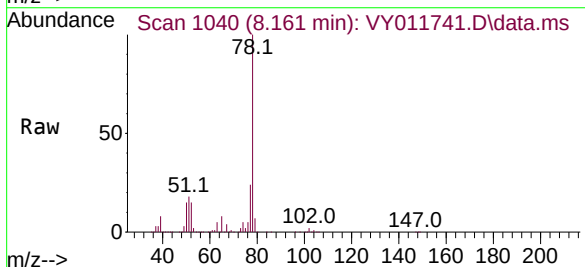
Acq: 09 Dec 2022 12:45

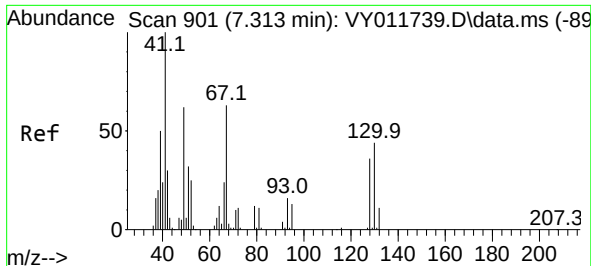
Tgt Ion: 78 Resp: 1271732

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

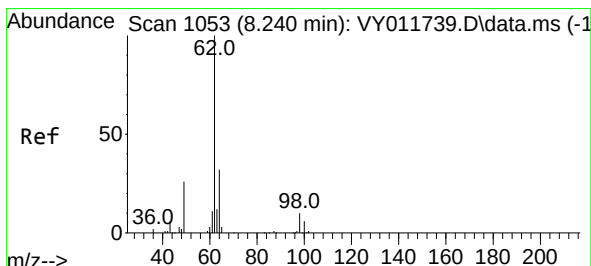
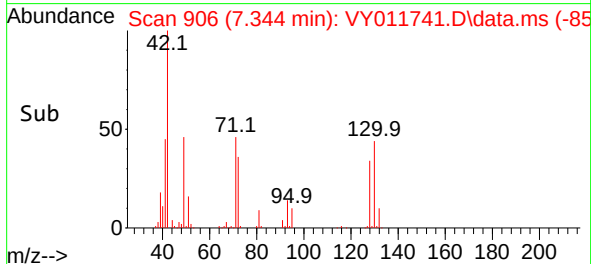
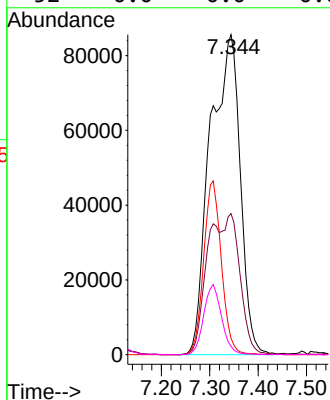
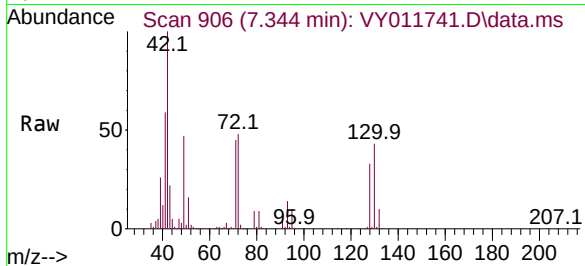




#41
Methacrylonitrile
Concen: 415.378 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

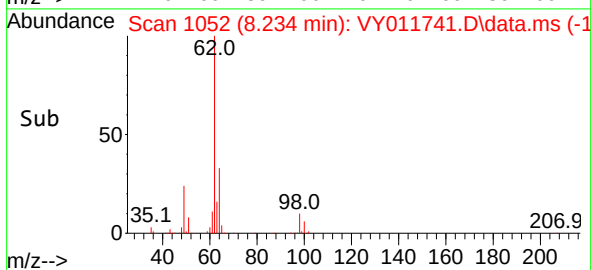
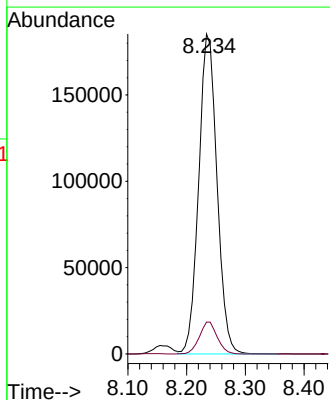
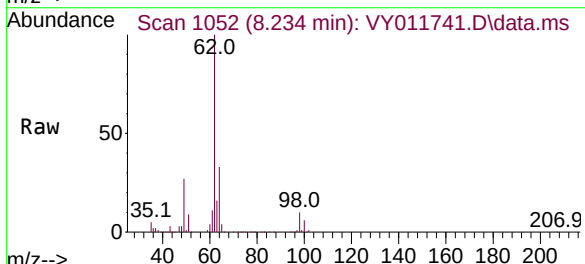
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

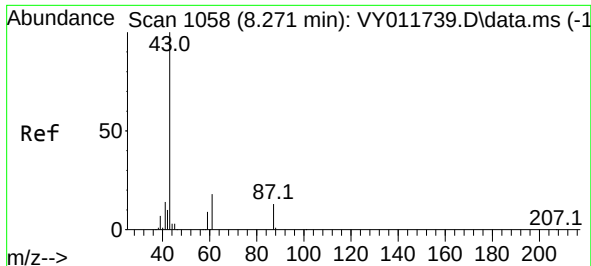
Tgt Ion: 41 Resp: 368640
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 144.813 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 62 Resp: 401901
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6

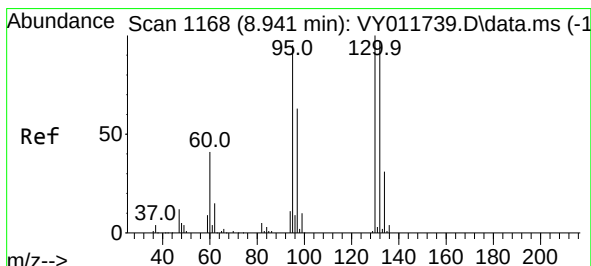
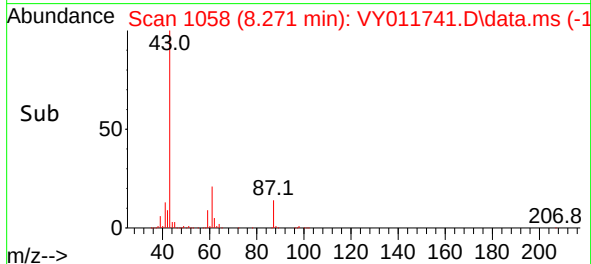
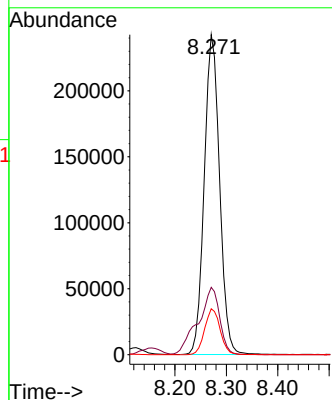
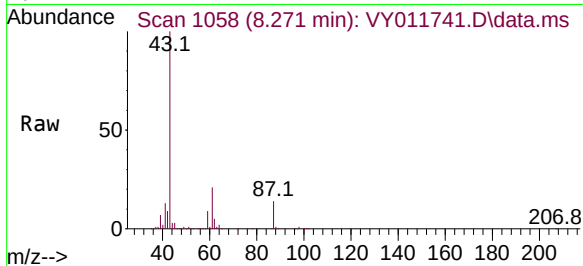




#43
Isopropyl Acetate
Concen: 157.813 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

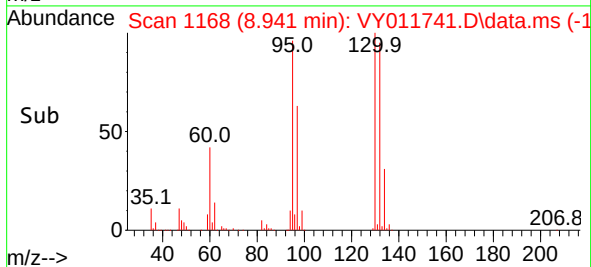
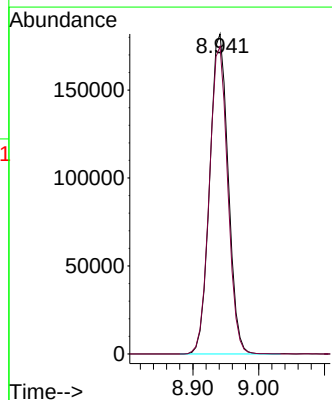
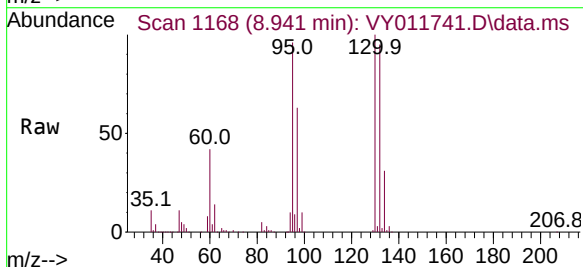
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

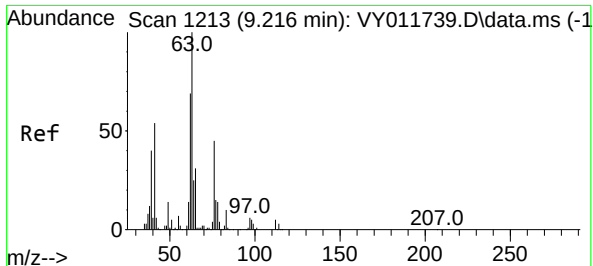
Tgt Ion: 43 Resp: 502591
Ion Ratio Lower Upper
43 100
61 29.5 24.4 36.6
87 14.5 11.4 17.2



#44
Trichloroethene
Concen: 141.405 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 130 Resp: 355423
Ion Ratio Lower Upper
130 100
95 96.1 0.0 190.6





#45

1,2-Dichloropropane

Concen: 143.727 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

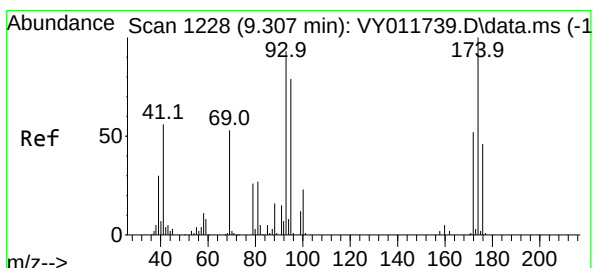
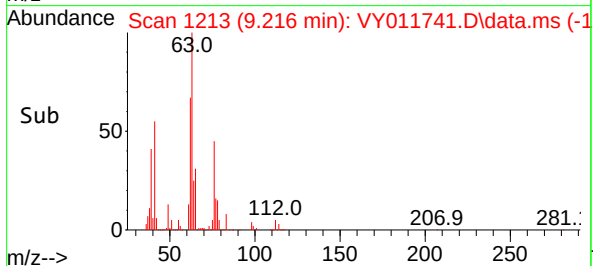
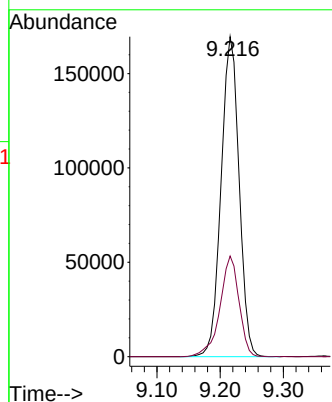
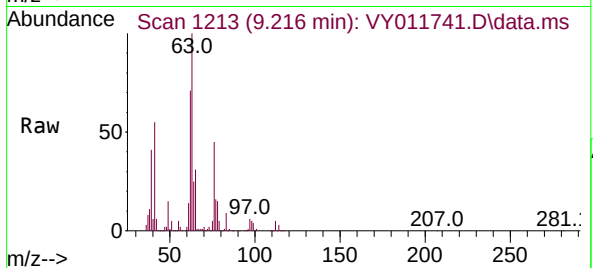
VSTDIC150

Tgt Ion: 63 Resp: 333853

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



#46

Dibromomethane

Concen: 144.699 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

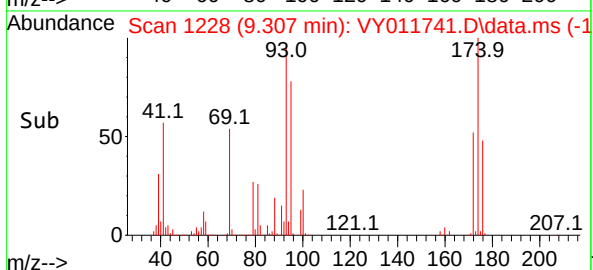
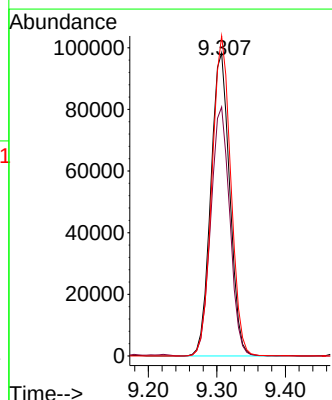
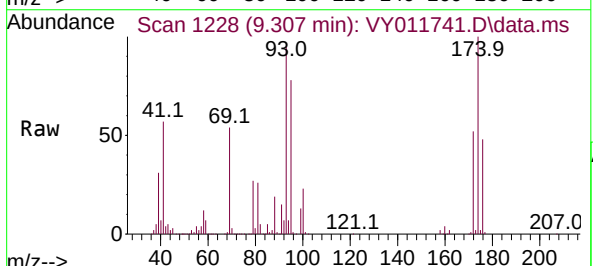
Tgt Ion: 93 Resp: 188144

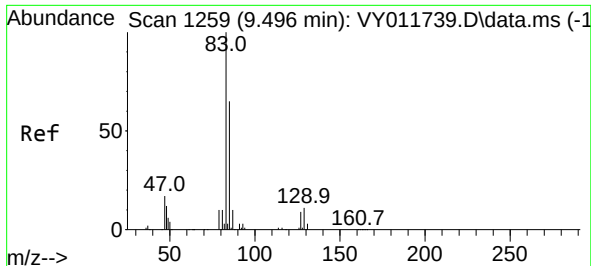
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 104.9 84.7 127.1

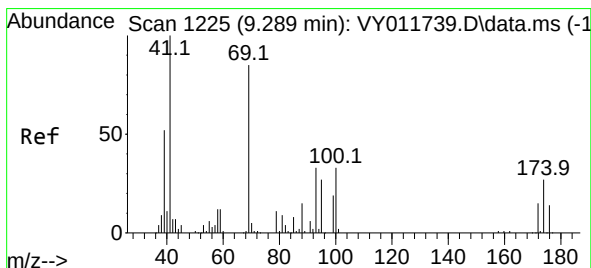
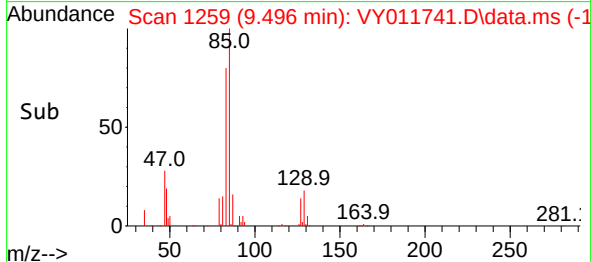
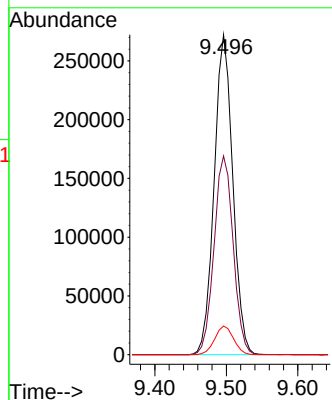
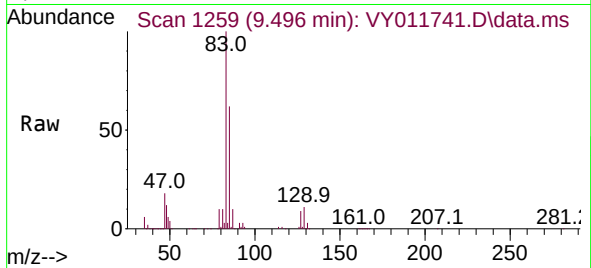




#47
Bromodichloromethane
Concen: 146.502 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

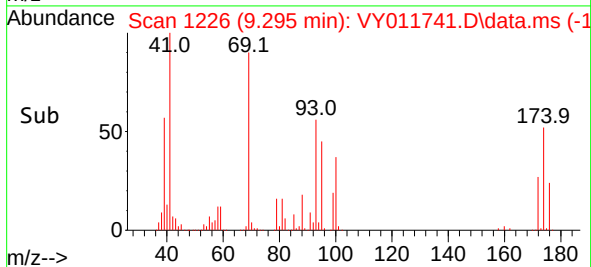
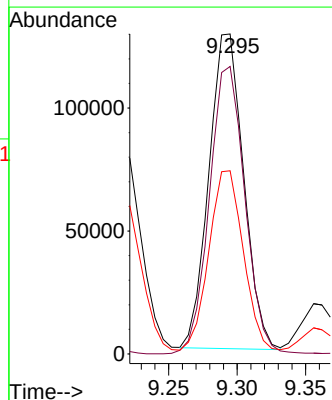
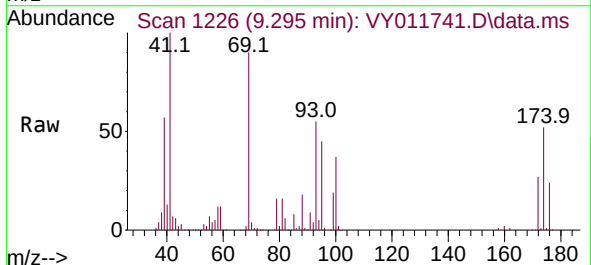
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

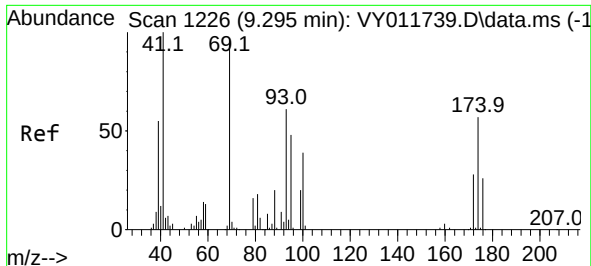
Tgt Ion: 83 Resp: 492116
Ion Ratio Lower Upper
83 100
85 62.1 52.0 78.0
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 160.698 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 41 Resp: 225592
Ion Ratio Lower Upper
41 100
69 93.7 74.2 111.2
39 58.9 46.3 69.5





#49

1,4-Dioxane

Concen: 3242.617 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

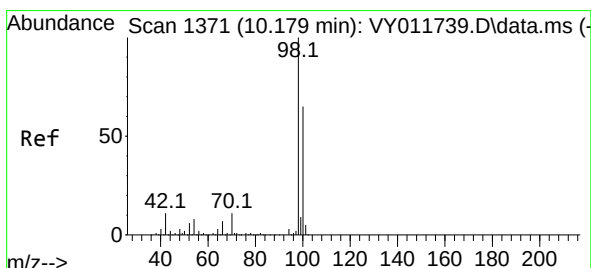
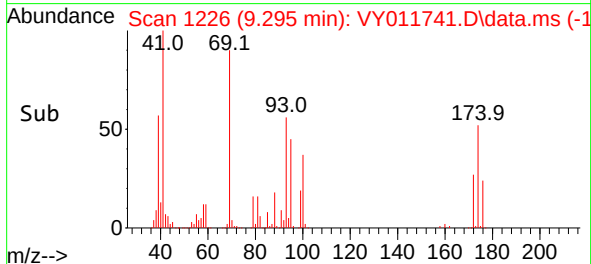
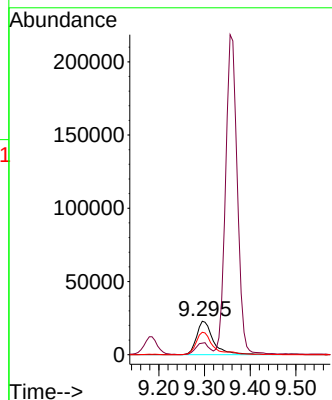
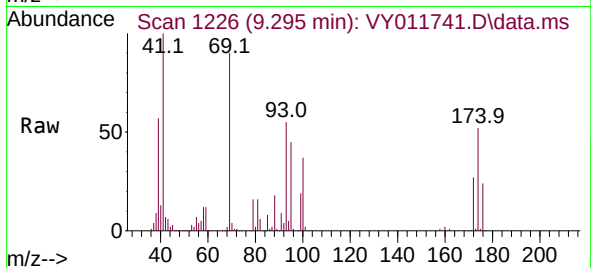
Tgt Ion: 88 Resp: 58409

Ion Ratio Lower Upper

88 100

43 28.5 26.2 39.2

58 68.5 54.3 81.5



#50

Toluene-d8

Concen: 113.299 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011741.D

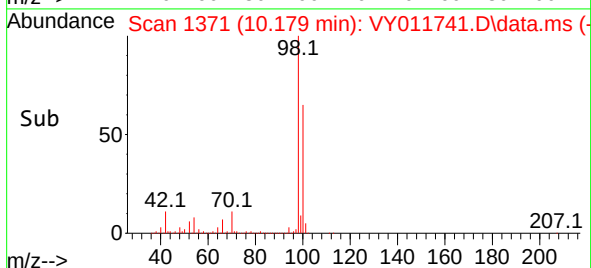
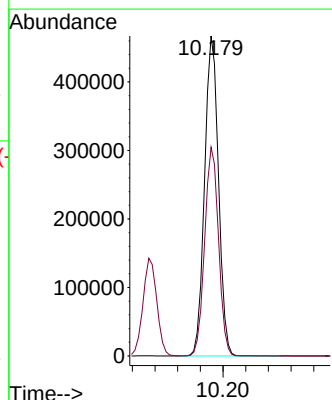
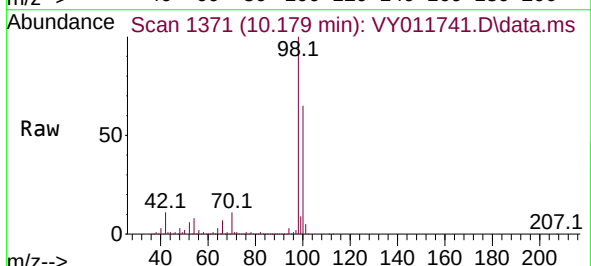
Acq: 09 Dec 2022 12:45

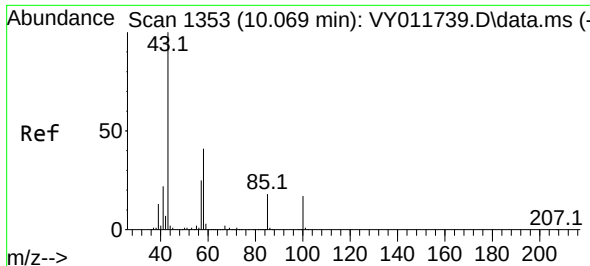
Tgt Ion: 98 Resp: 793508

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

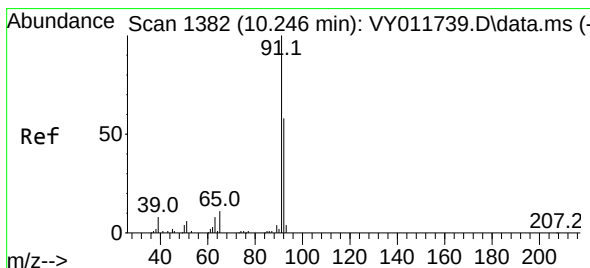
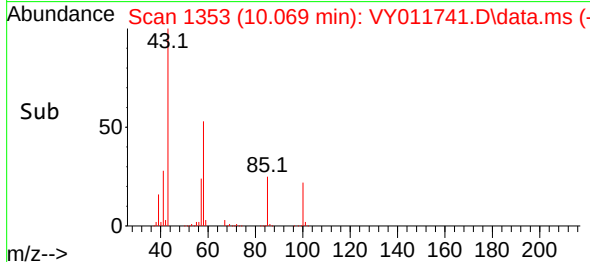
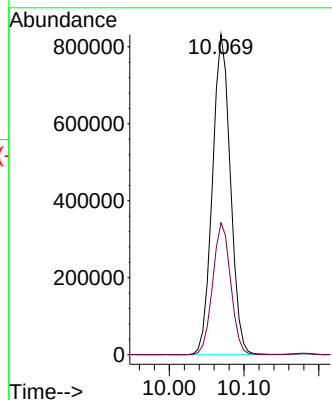
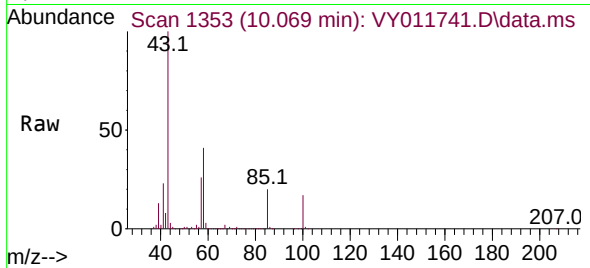




#51
4-Methyl-2-Pentanone
Concen: 792.952 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

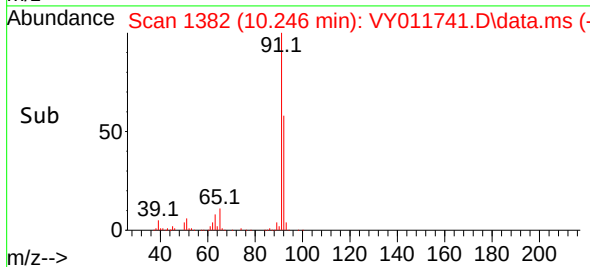
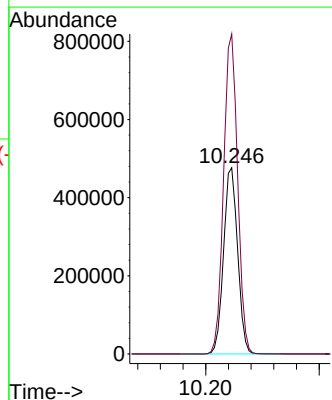
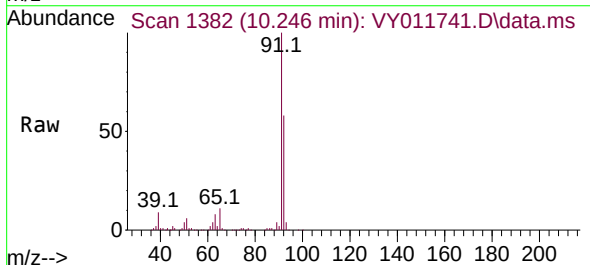
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

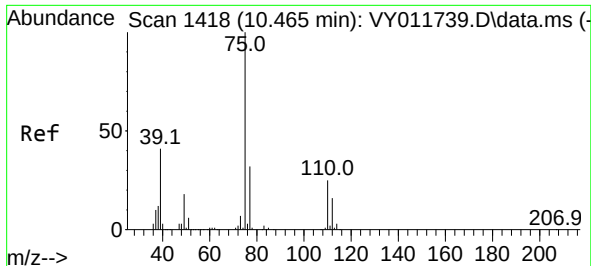
Tgt Ion: 43 Resp: 1391491
Ion Ratio Lower Upper
43 100
58 41.3 32.9 49.3



#52
Toluene
Concen: 142.944 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 92 Resp: 815558
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.0

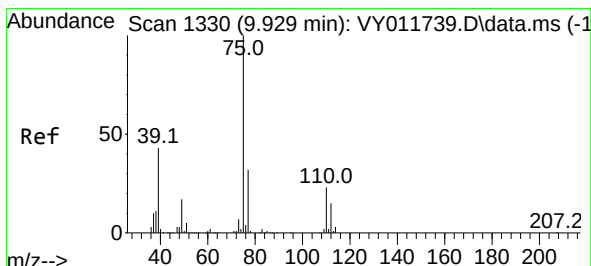
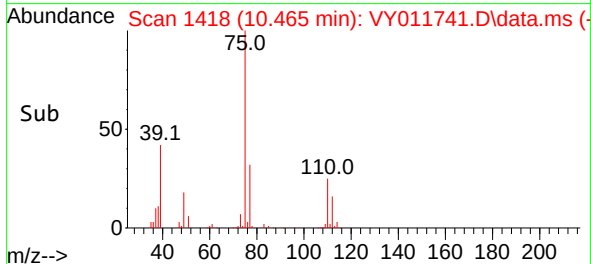
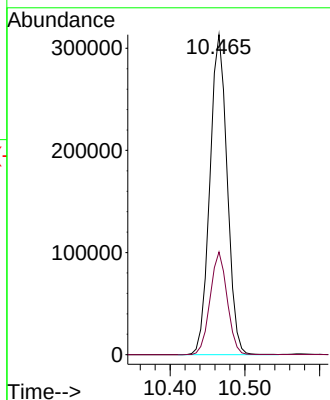
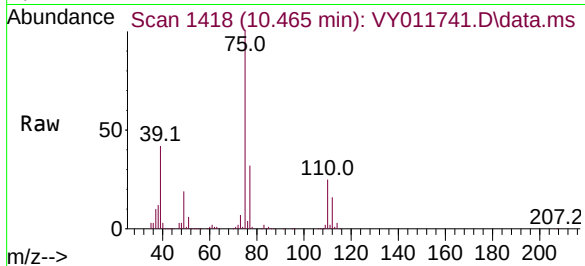




#53
 t-1,3-Dichloropropene
 Concen: 150.115 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY011741.D
 Acq: 09 Dec 2022 12:45

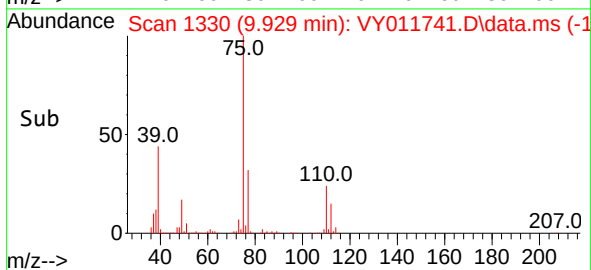
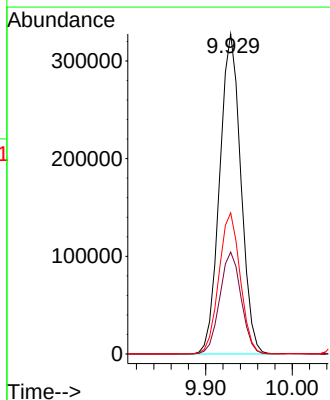
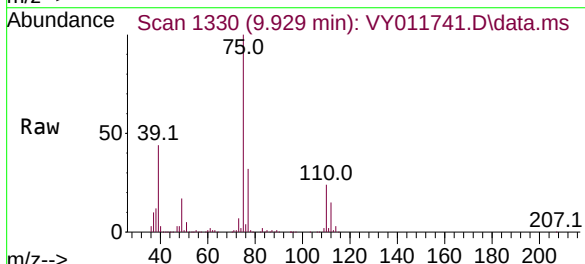
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

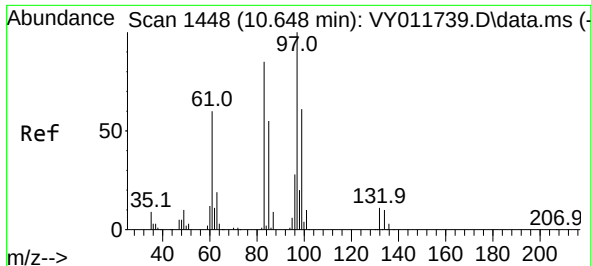
Tgt Ion: 75 Resp: 503678
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 147.793 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011741.D
 Acq: 09 Dec 2022 12:45

Tgt Ion: 75 Resp: 557154
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.9 38.9
 39 44.0 34.6 52.0



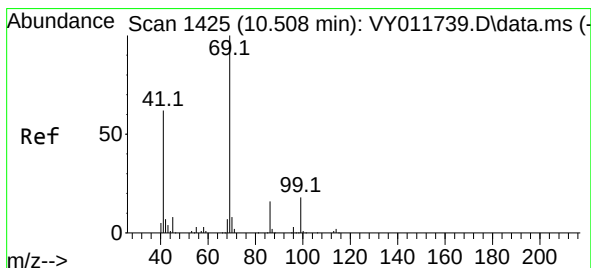
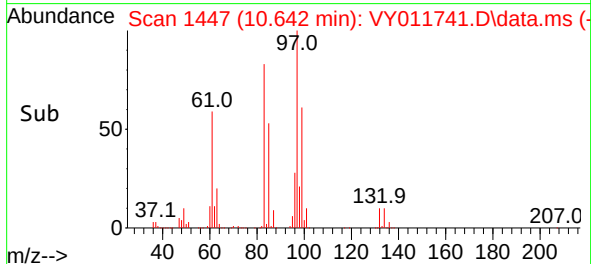
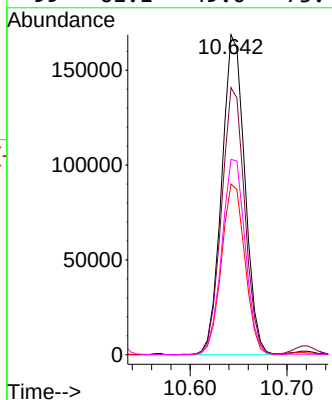
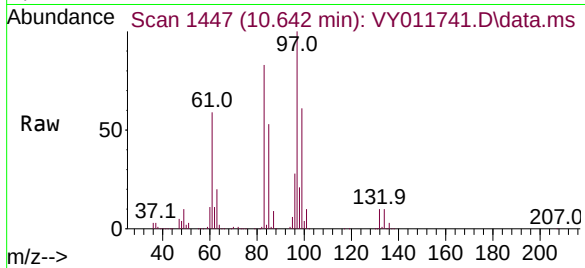


#55
1,1,2-Trichloroethane
Concen: 145.735 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 280074

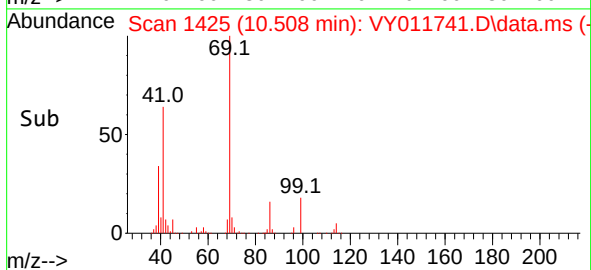
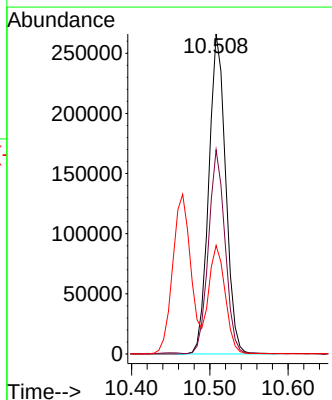
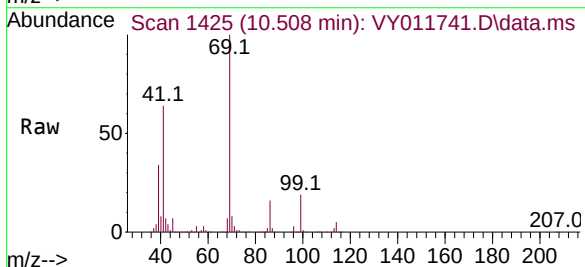
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.7	101.5
85	53.3	43.8	65.8
99	61.1	49.0	73.4

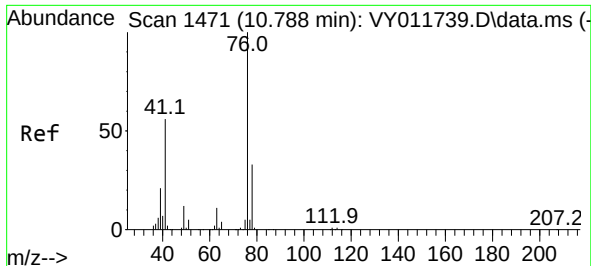


#56
Ethyl methacrylate
Concen: 160.815 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 69 Resp: 398958

Ion	Ratio	Lower	Upper
69	100		
41	62.1	48.9	73.3
39	32.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 145.860 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

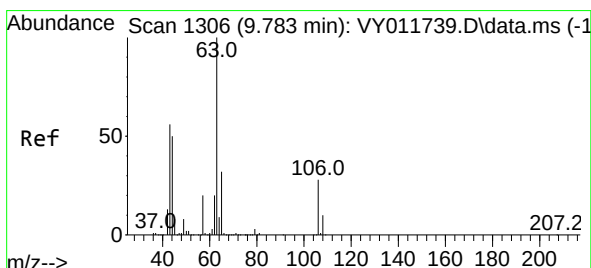
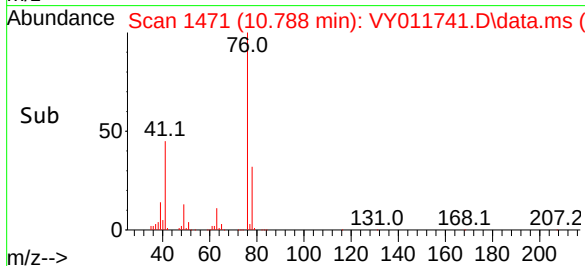
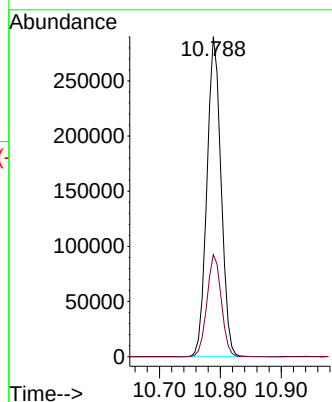
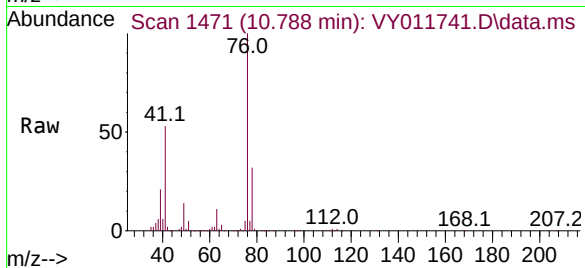
VSTDIC150

Tgt Ion: 76 Resp: 467256

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 778.314 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011741.D

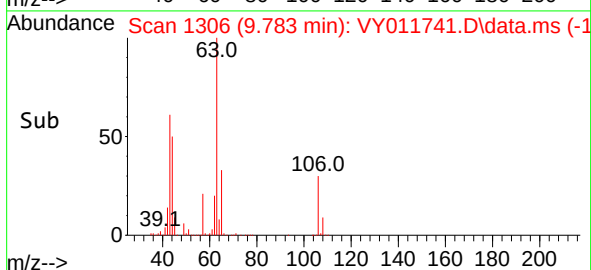
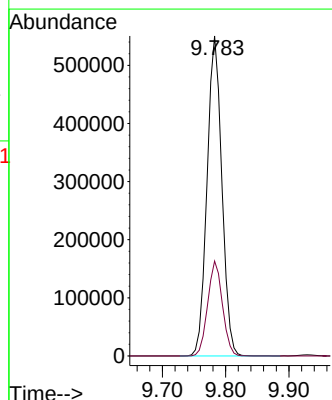
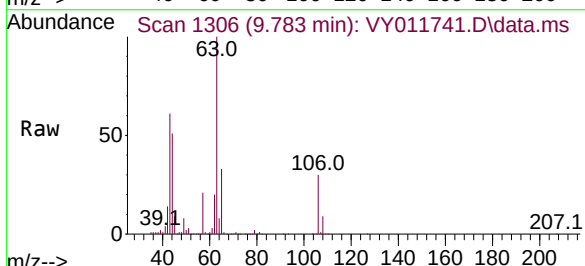
Acq: 09 Dec 2022 12:45

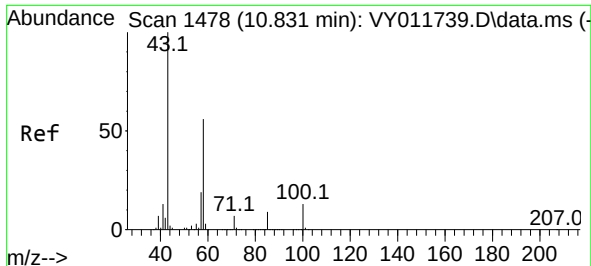
Tgt Ion: 63 Resp: 895349

Ion Ratio Lower Upper

63 100

106 29.5 23.2 34.8

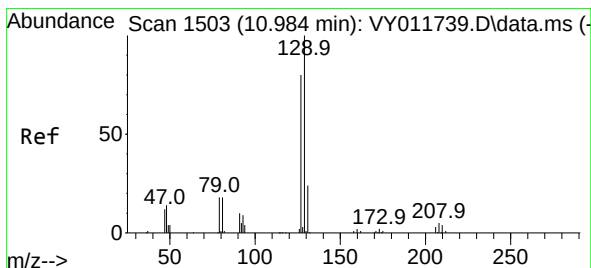
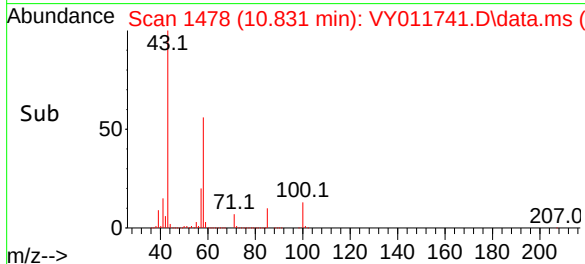
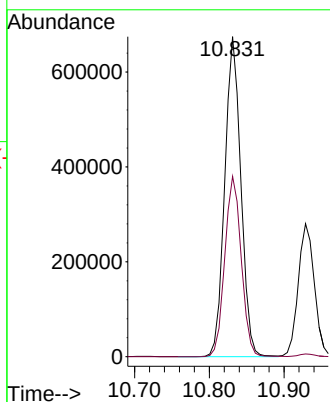
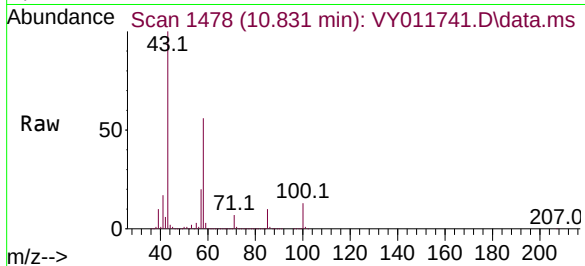




#59
2-Hexanone
Concen: 809.835 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

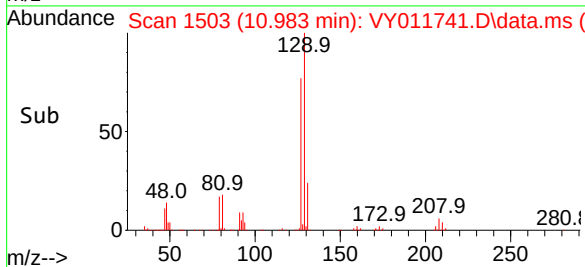
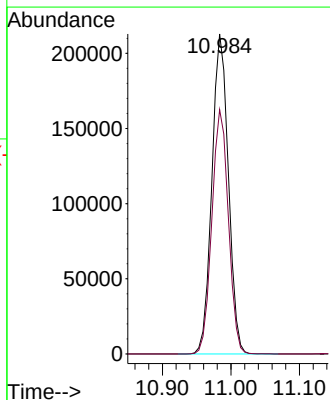
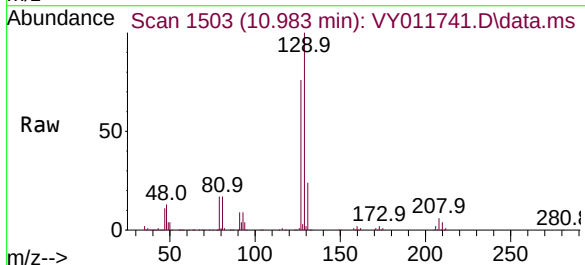
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

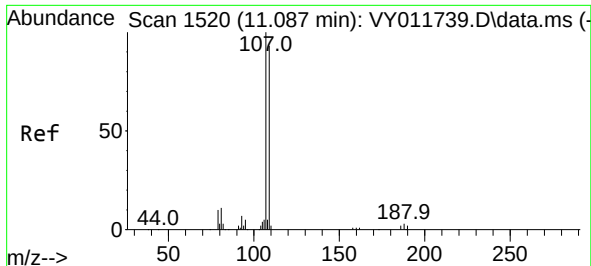
Tgt Ion: 43 Resp: 1015369
Ion Ratio Lower Upper
43 100
58 57.3 28.4 85.2



#60
Dibromochloromethane
Concen: 147.198 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 129 Resp: 354309
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6

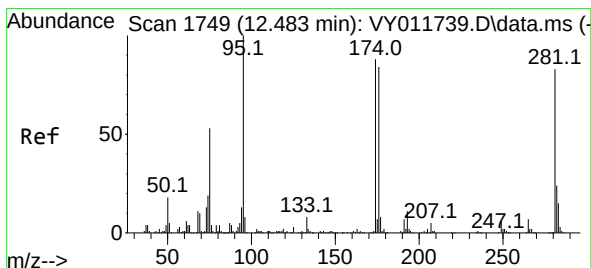
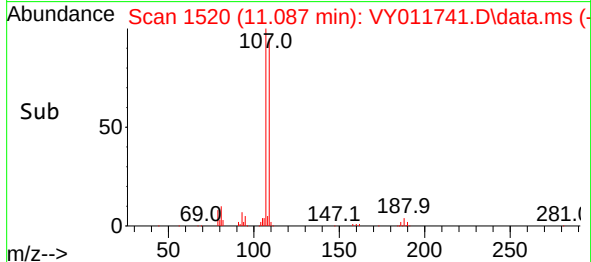
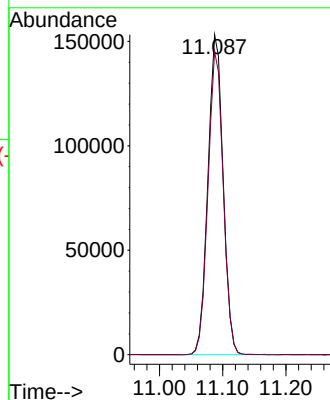
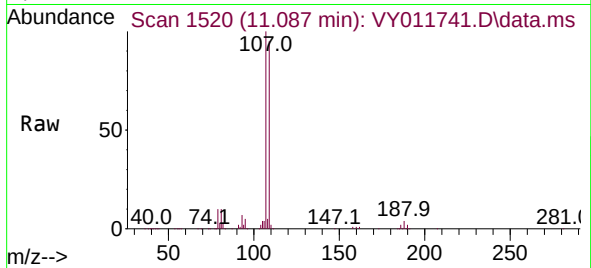




#61
1,2-Dibromoethane
Concen: 146.977 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

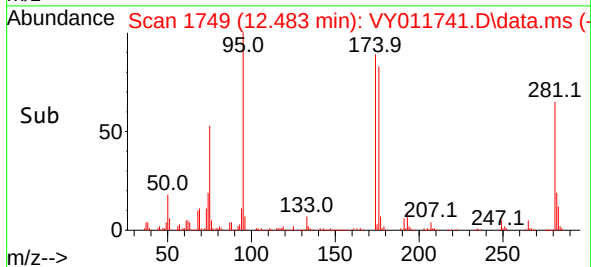
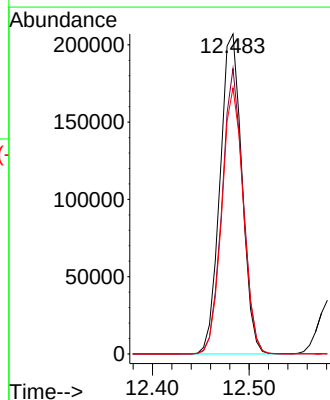
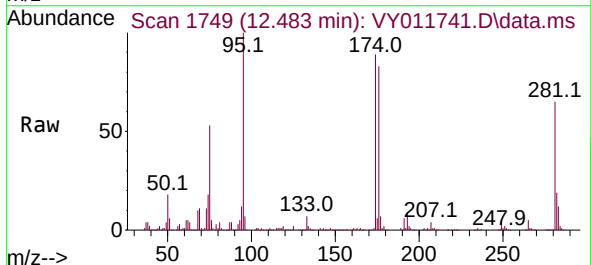
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

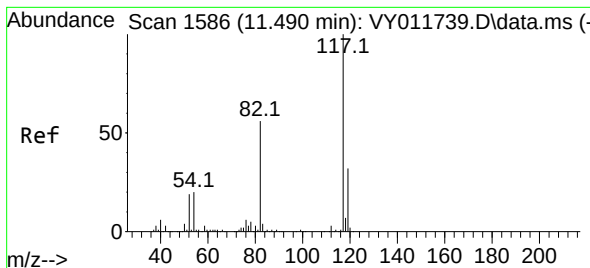
Tgt Ion:107 Resp: 255891
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 120.805 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 95 Resp: 324864
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.0
176 82.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

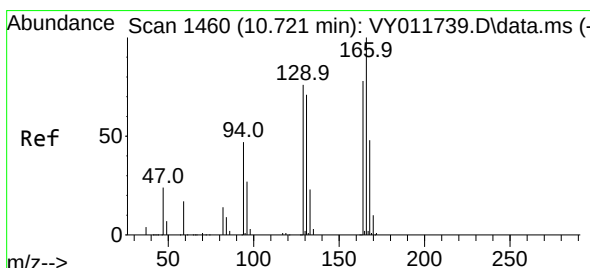
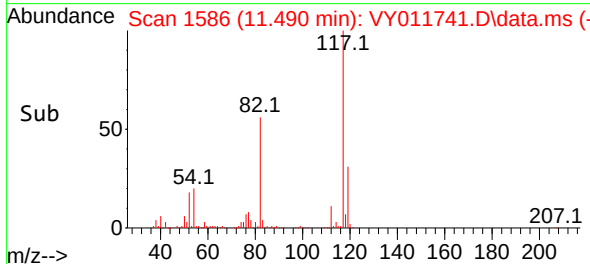
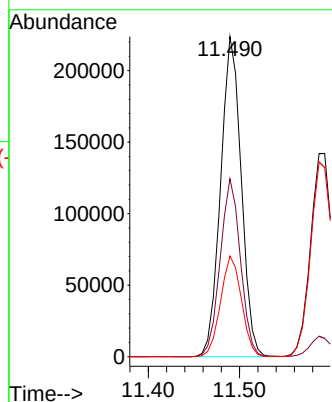
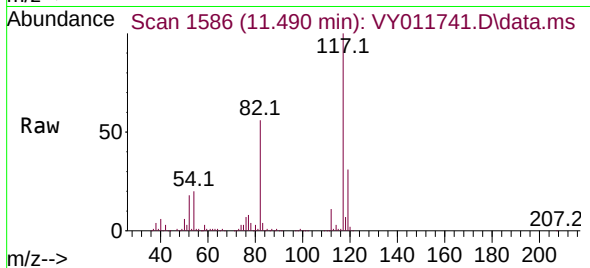
Tgt Ion:117 Resp: 351008

Ion Ratio Lower Upper

117 100

82 55.6 44.8 67.2

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 135.026 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Tgt Ion:164 Resp: 335326

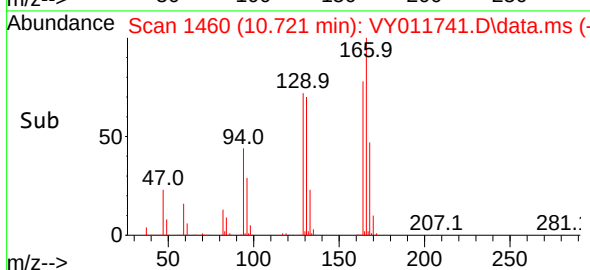
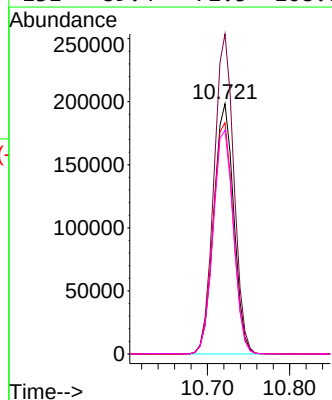
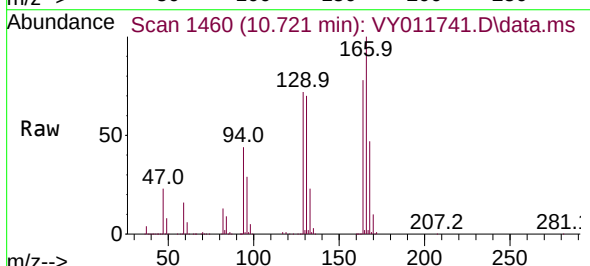
Ion Ratio Lower Upper

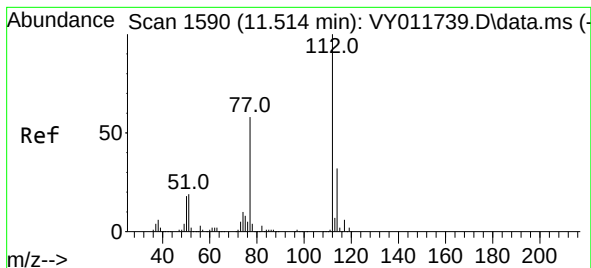
164 100

166 127.9 102.3 153.5

129 92.4 77.2 115.8

131 89.4 72.5 108.7





#65

Chlorobenzene

Concen: 142.216 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

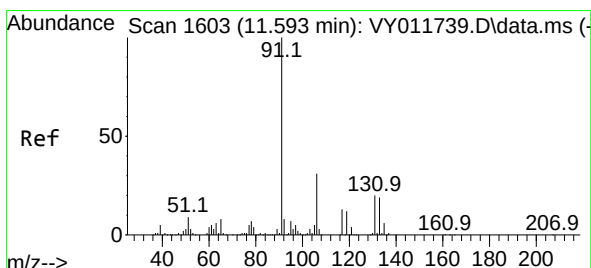
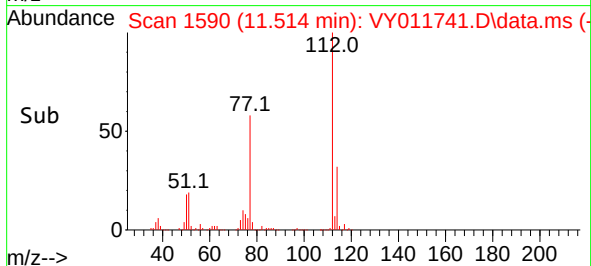
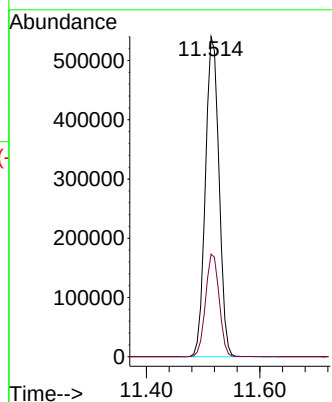
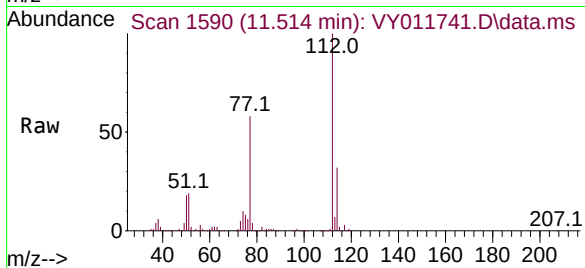
VSTDIC150

Tgt Ion:112 Resp: 899452

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 144.996 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

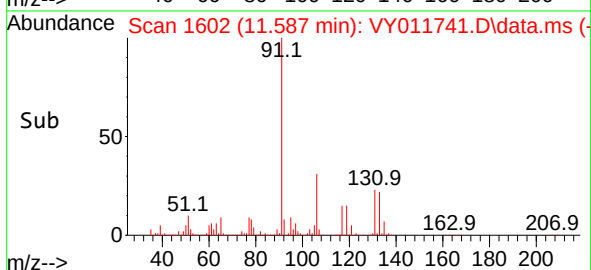
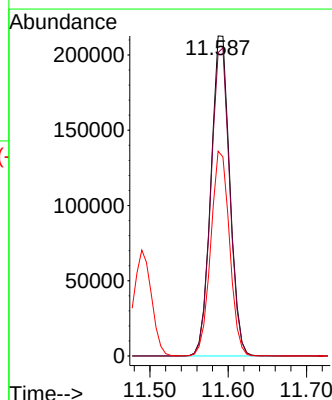
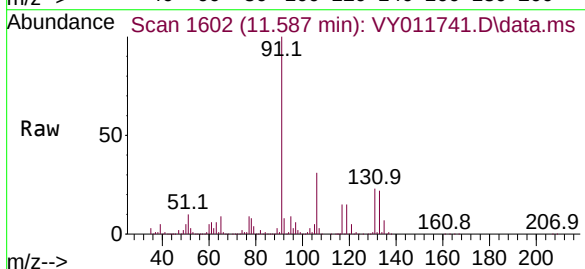
Tgt Ion:131 Resp: 355759

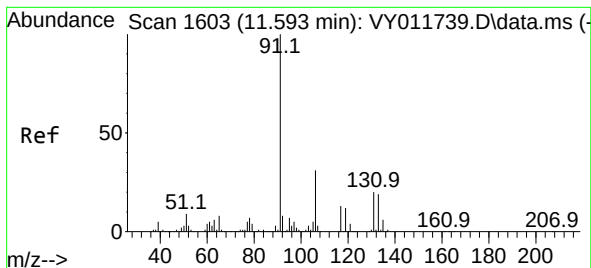
Ion Ratio Lower Upper

131 100

133 95.9 47.3 142.0

119 63.7 32.1 96.3

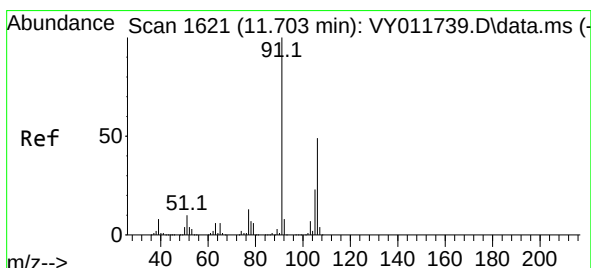
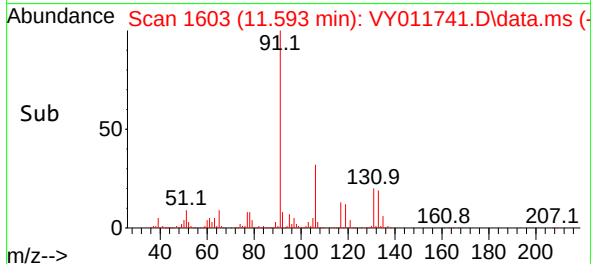
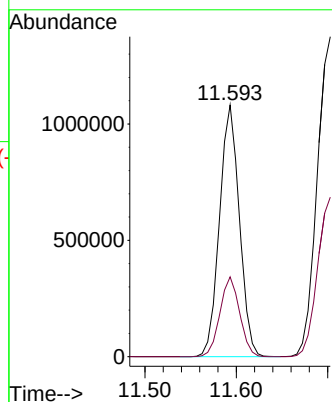
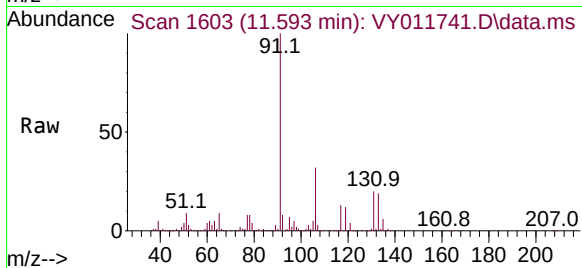




#67
Ethyl Benzene
Concen: 146.793 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

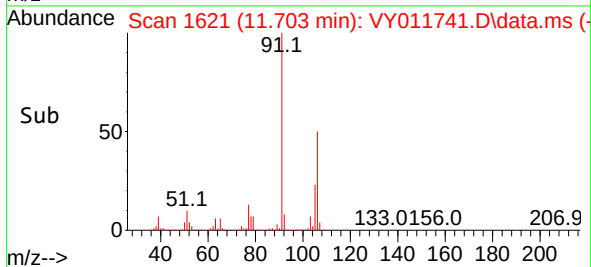
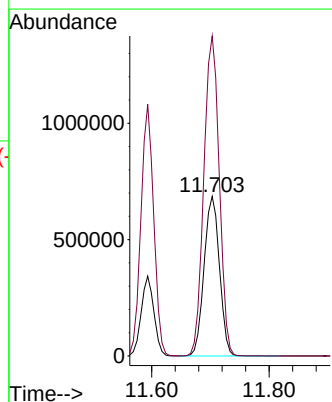
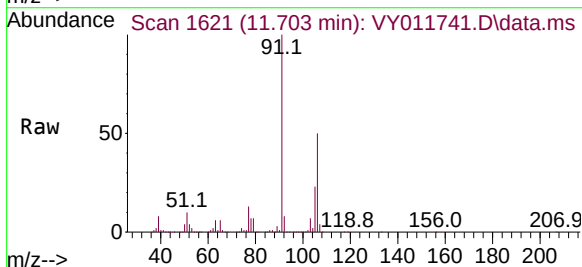
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

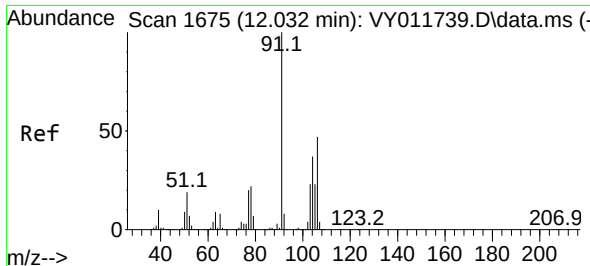
Tgt Ion: 91 Resp: 1635869
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



#68
m/p-Xylenes
Concen: 291.818 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 106 Resp: 1245404
Ion Ratio Lower Upper
106 100
91 201.7 162.5 243.7

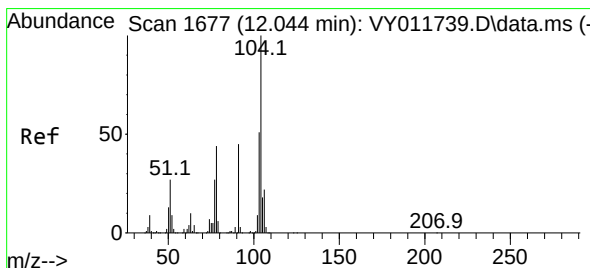
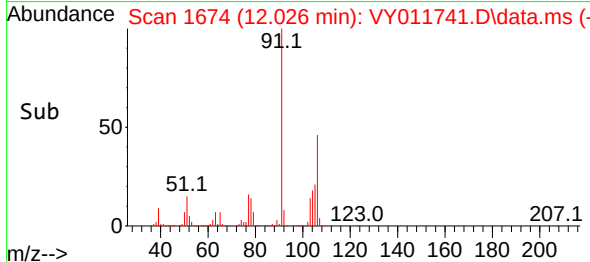
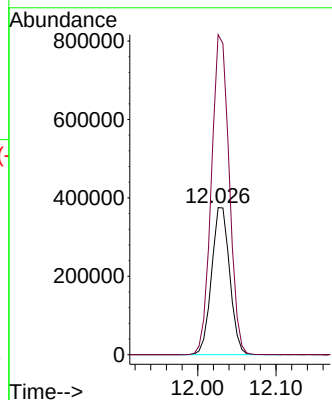
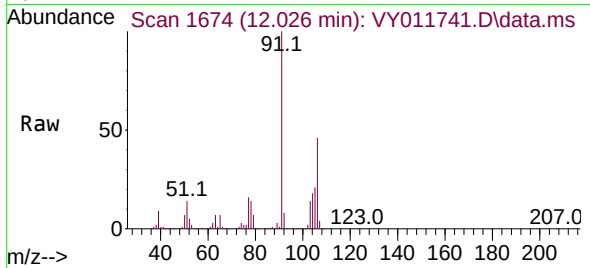




#69
o-Xylene
Concen: 148.121 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

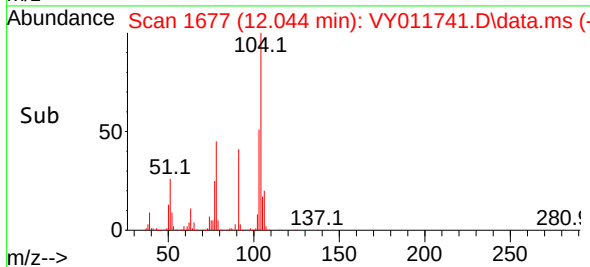
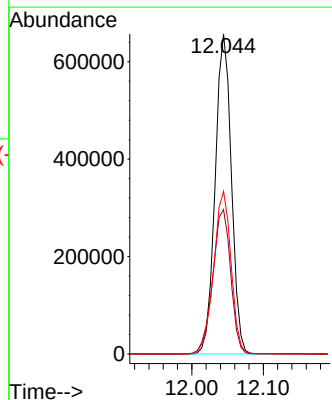
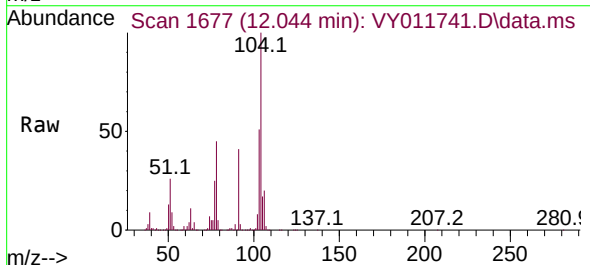
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

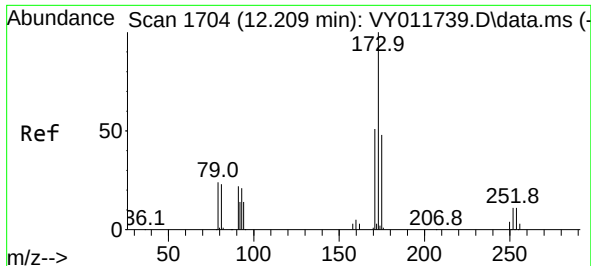
Tgt Ion:106 Resp: 602545
Ion Ratio Lower Upper
106 100
91 214.1 107.5 322.4



#70
Styrene
Concen: 148.882 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion:104 Resp: 1033679
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.0
103 54.5 43.0 64.4

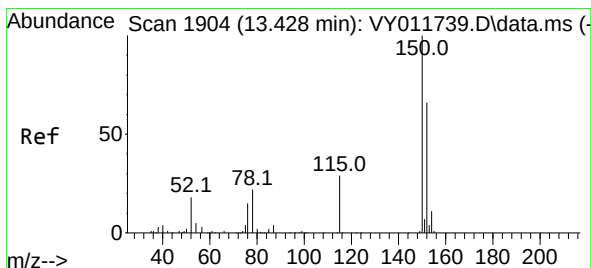
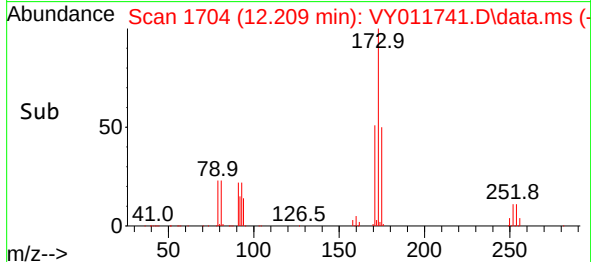
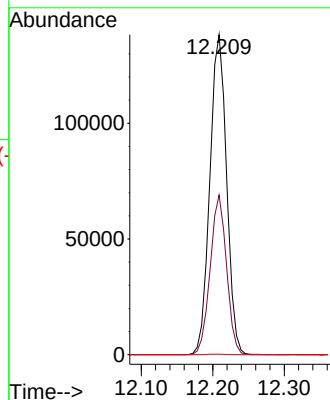
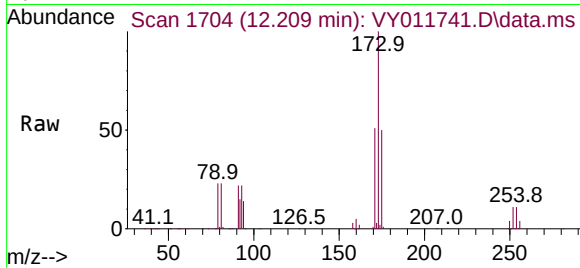




#71
Bromoform
Concen: 148.526 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

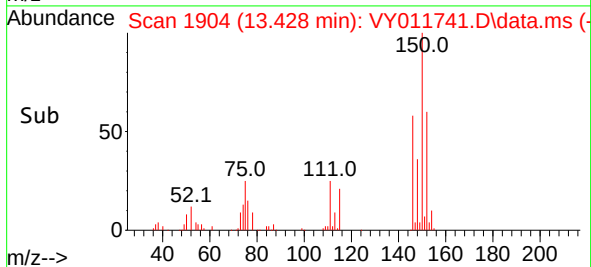
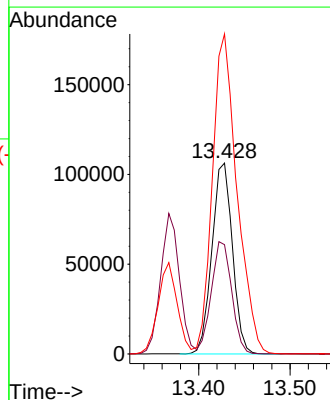
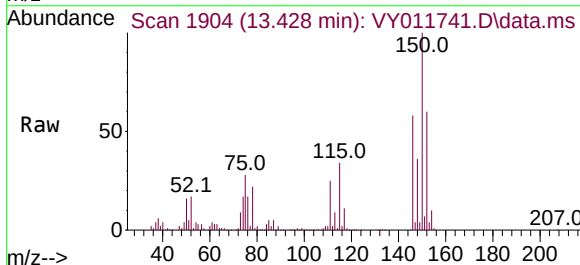
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

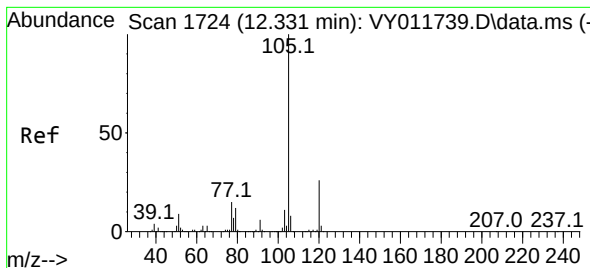
Tgt Ion:173 Resp: 224778
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.5
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion:152 Resp: 165590
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 201.5 0.0 342.6





#73

Isopropylbenzene

Concen: 149.895 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

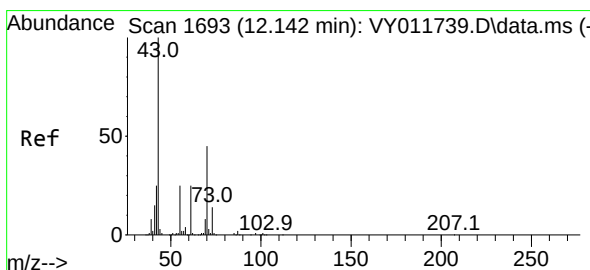
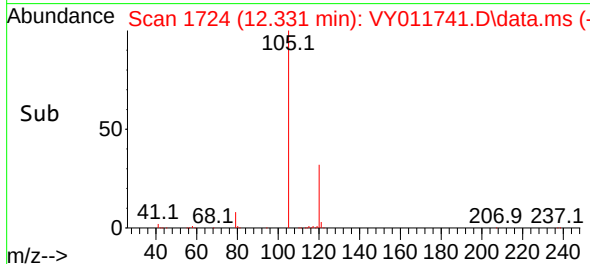
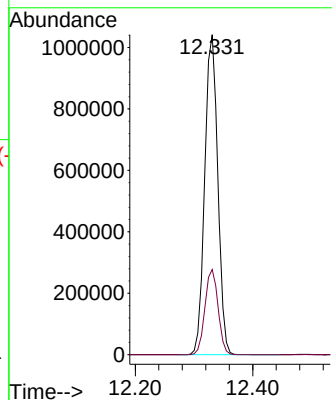
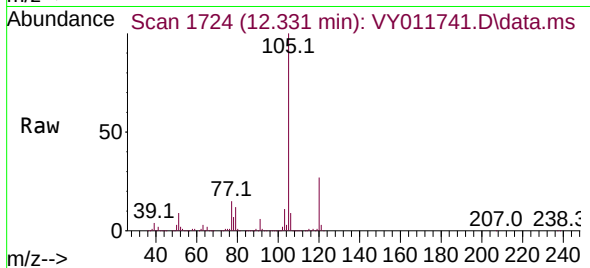
VSTDIC150

Tgt Ion:105 Resp: 1608161

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 163.012 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Tgt Ion: 43 Resp: 420486

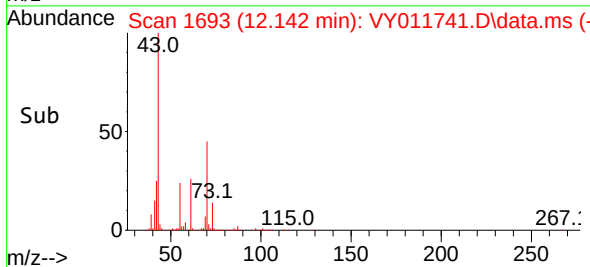
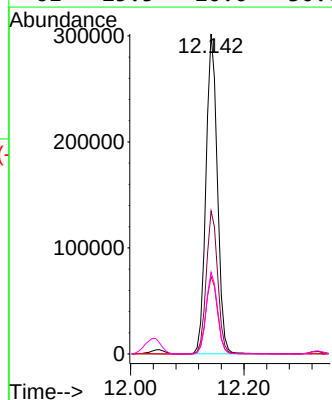
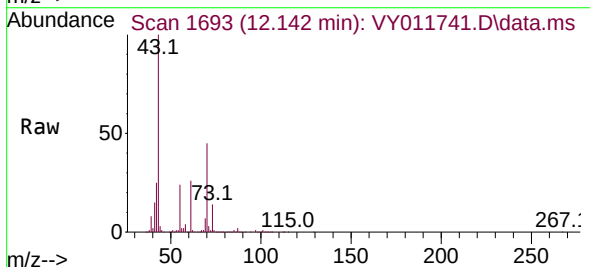
Ion Ratio Lower Upper

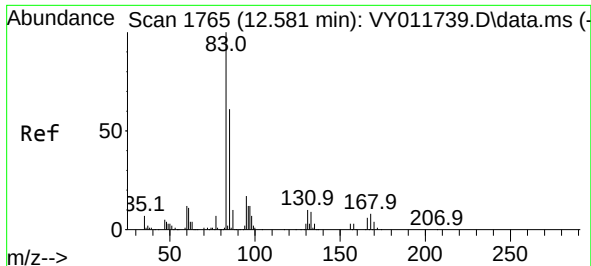
43 100

70 44.8 35.8 53.8

55 24.8 21.0 31.4

61 25.5 20.0 30.0

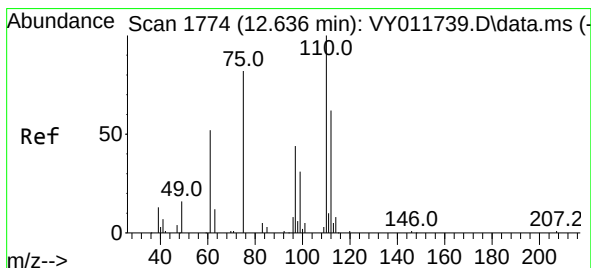
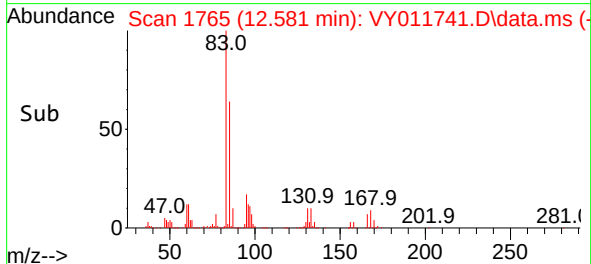
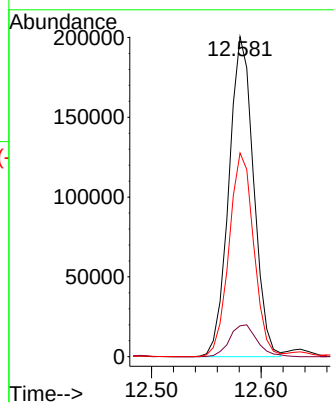
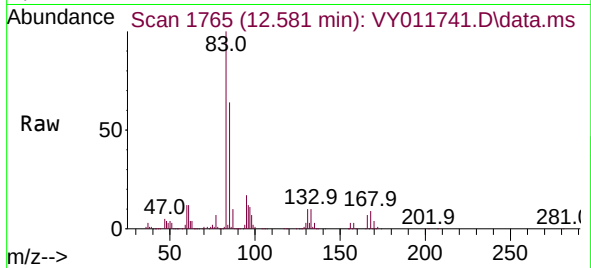




#75
1,1,2,2-Tetrachloroethane
Concen: 150.348 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

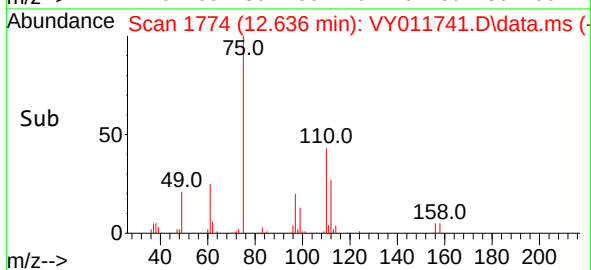
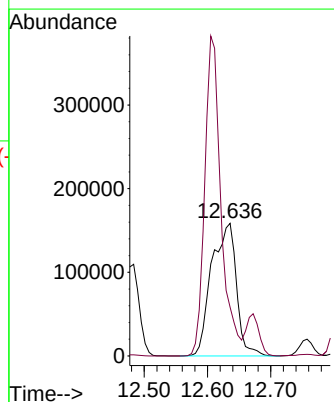
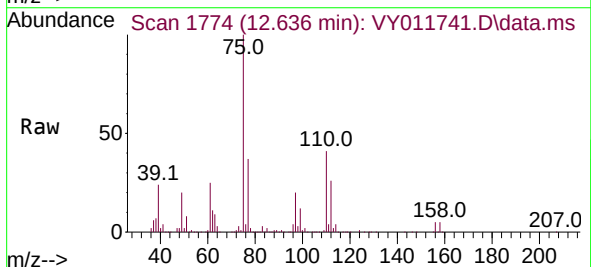
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

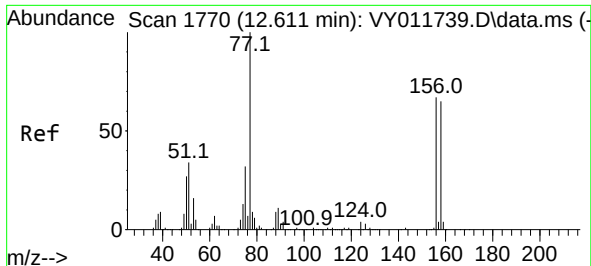
Tgt Ion: 83 Resp: 314137
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 63.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 218.892 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 75 Resp: 432068
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

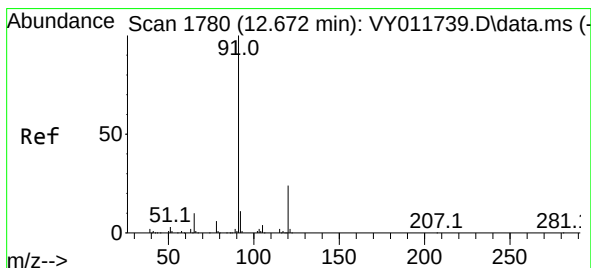
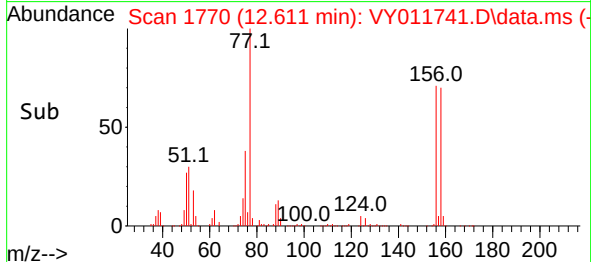
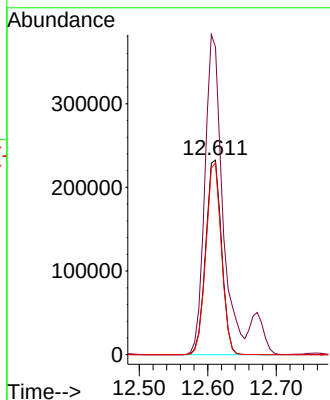
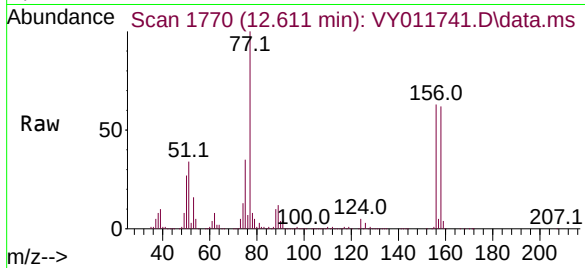




#77
Bromobenzene
Concen: 149.663 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

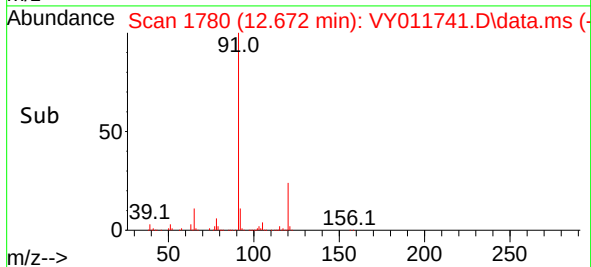
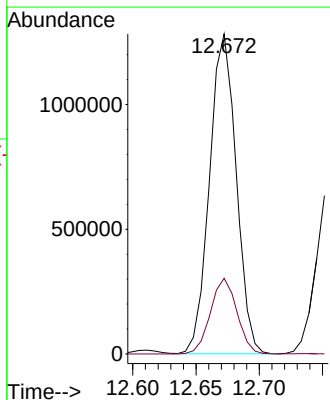
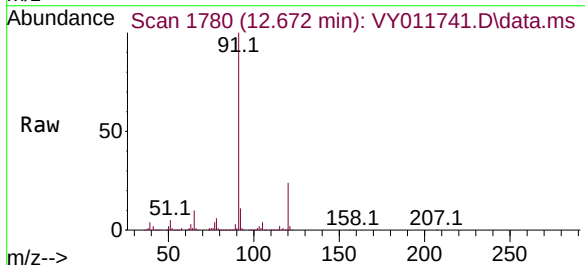
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

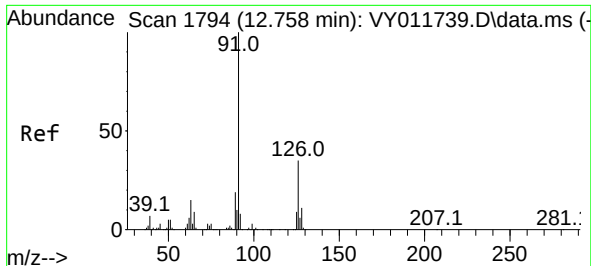
Tgt Ion:156 Resp: 374900
Ion Ratio Lower Upper
156 100
77 182.5 90.0 270.0
158 96.6 48.4 145.2



#78
n-propylbenzene
Concen: 146.328 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 91 Resp: 1881346
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 146.422 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

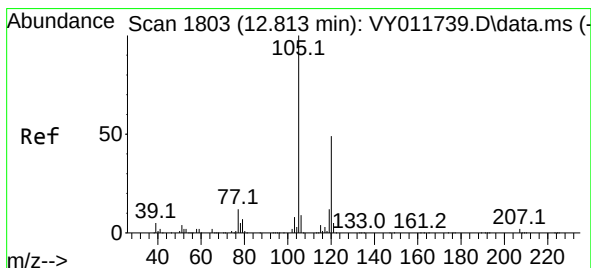
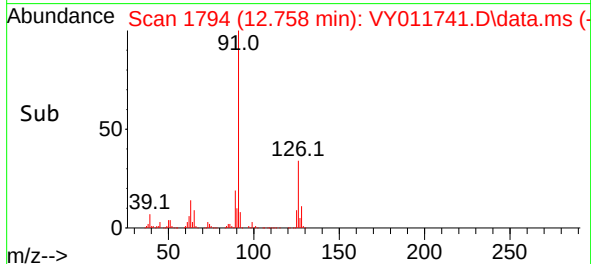
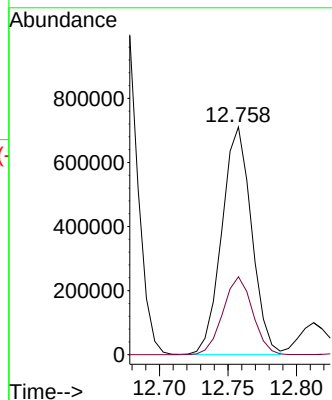
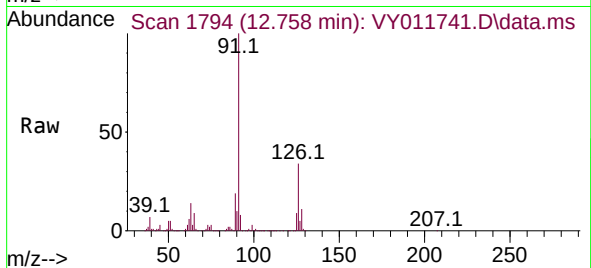
VSTDIC150

Tgt Ion: 91 Resp: 1074406

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 146.360 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011741.D

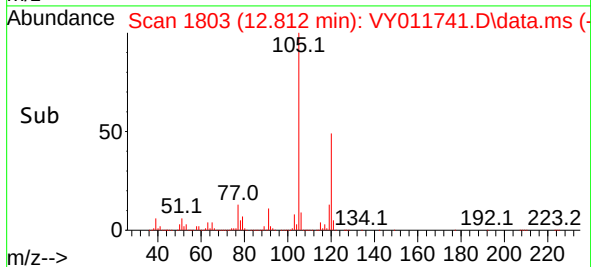
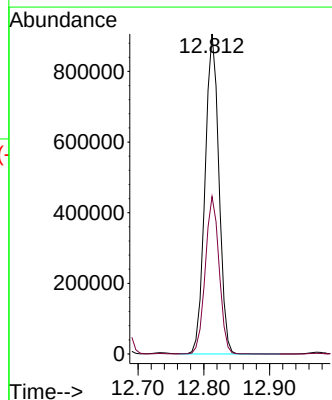
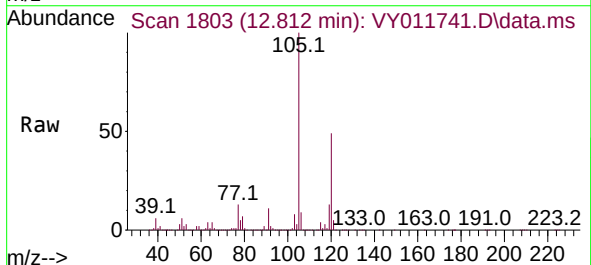
Acq: 09 Dec 2022 12:45

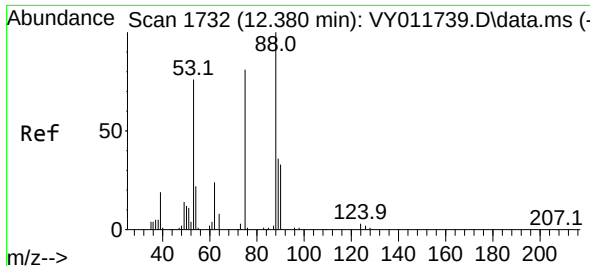
Tgt Ion: 105 Resp: 1327233

Ion Ratio Lower Upper

105 100

120 49.0 24.2 72.6

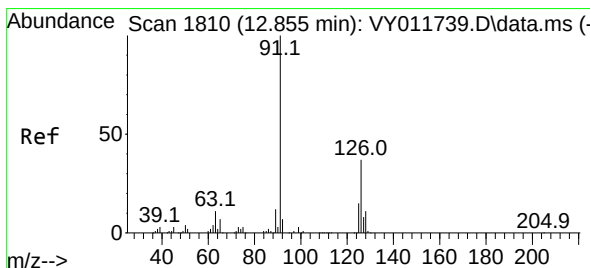
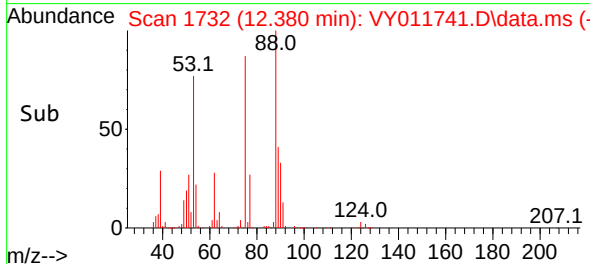
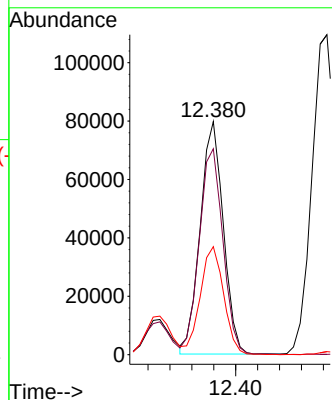
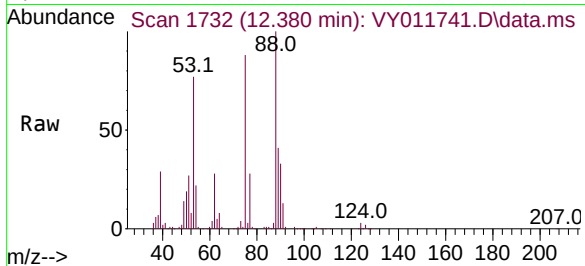




#81
trans-1,4-Dichloro-2-butene
Concen: 157.910 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

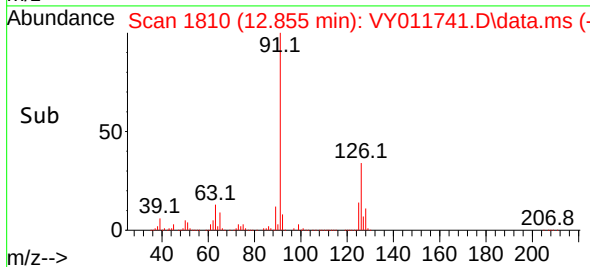
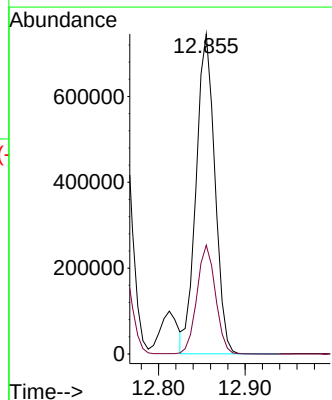
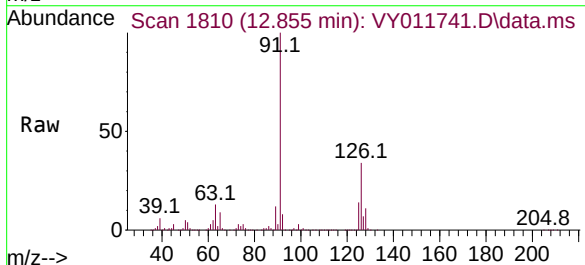
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

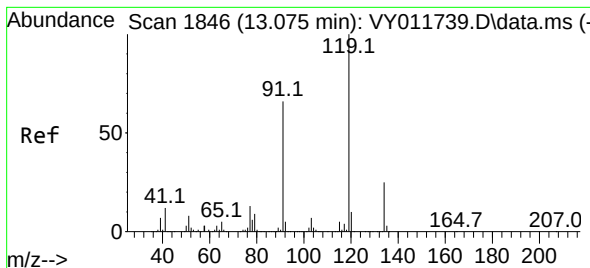
Tgt Ion: 75 Resp: 116584
Ion Ratio Lower Upper
75 100
53 91.1 72.5 108.7
89 47.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 146.804 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion: 91 Resp: 1117285
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2

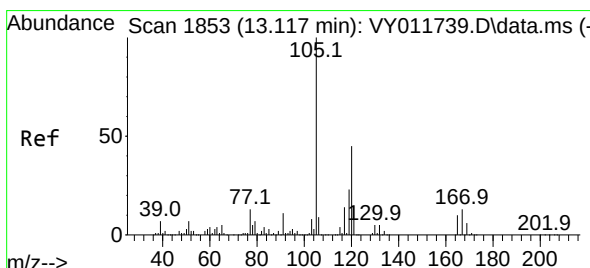
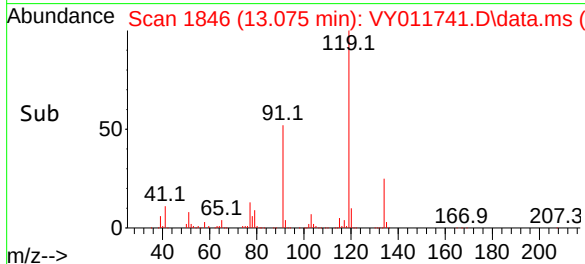
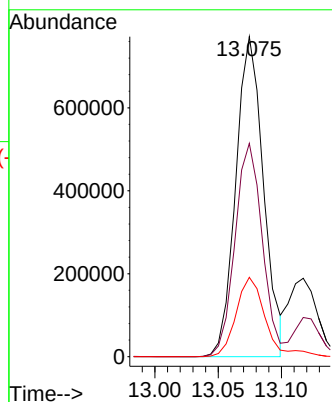
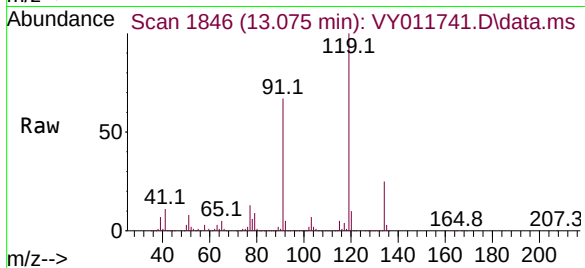




#83
tert-Butylbenzene
Concen: 149.292 ug/l
RT: 13.075 min Scan# 1178844
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

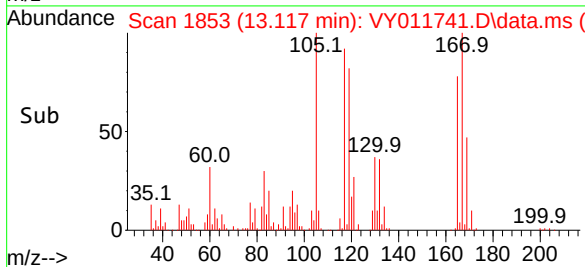
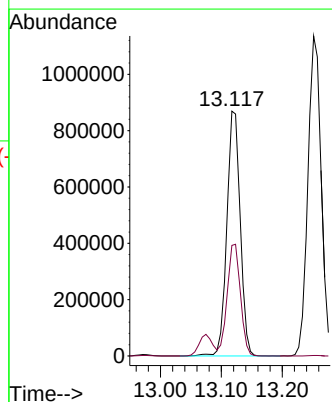
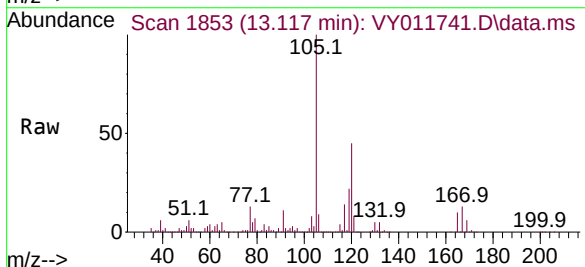
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

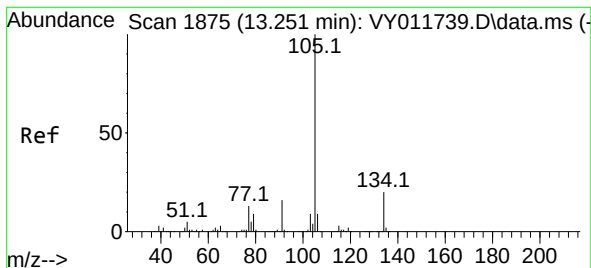
Tgt Ion:119 Resp: 1178844
Ion Ratio Lower Upper
119 100
91 65.4 32.3 96.8
134 26.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 148.279 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011741.D
Acq: 09 Dec 2022 12:45

Tgt Ion:105 Resp: 1323940
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 145.884 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

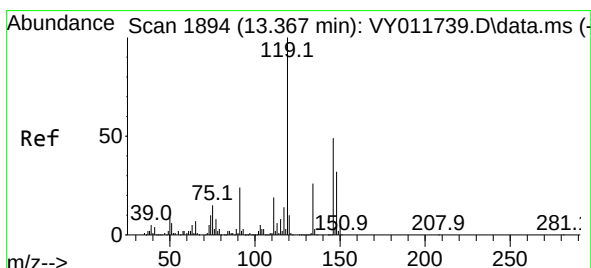
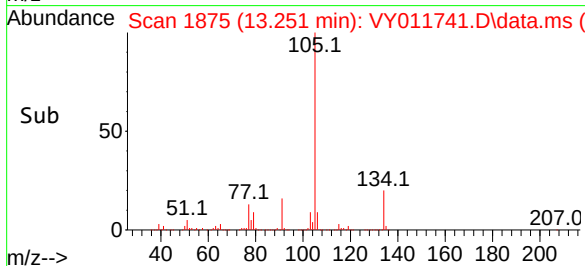
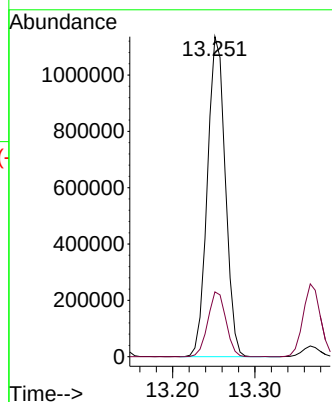
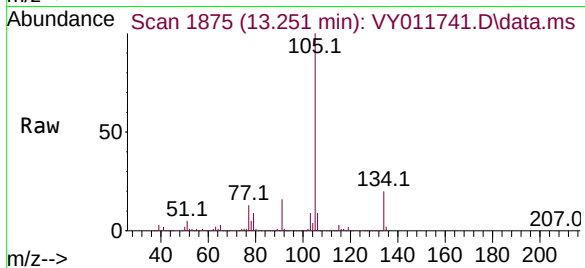
VSTDIC150

Tgt Ion:105 Resp: 1715522

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.3



#86

p-Isopropyltoluene

Concen: 148.194 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

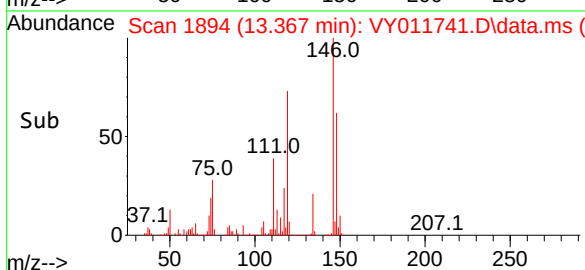
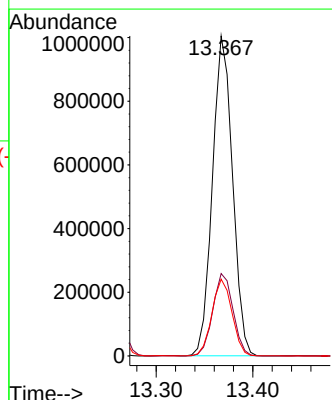
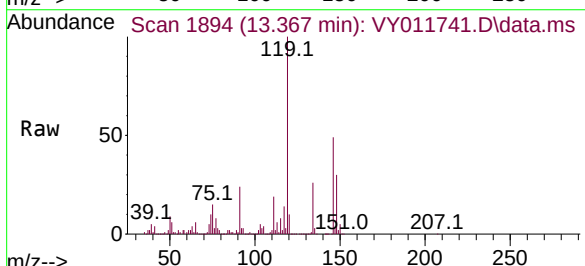
Tgt Ion:119 Resp: 1450438

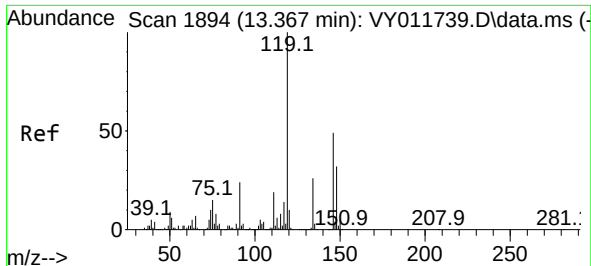
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 144.848 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

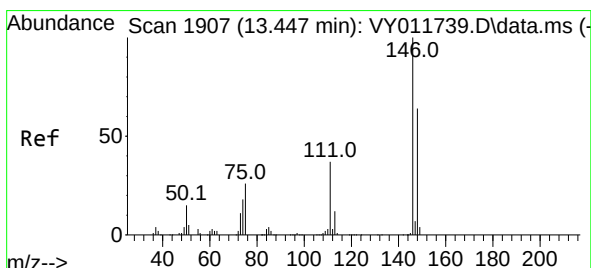
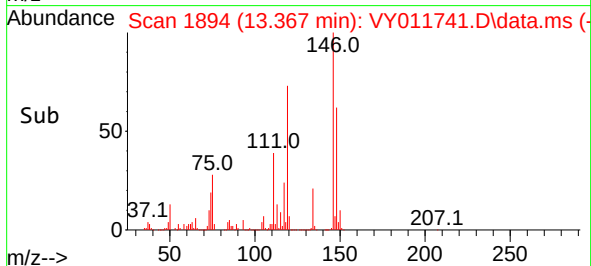
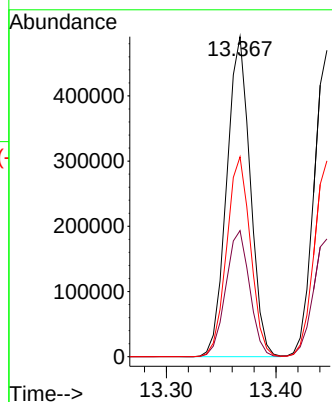
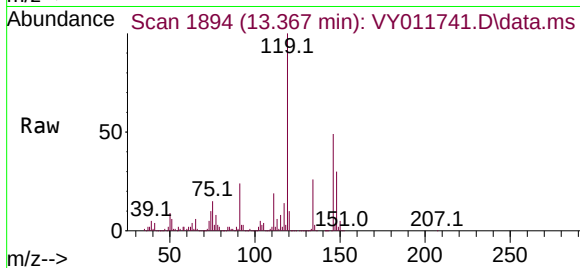
Tgt Ion:146 Resp: 730181

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 142.932 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

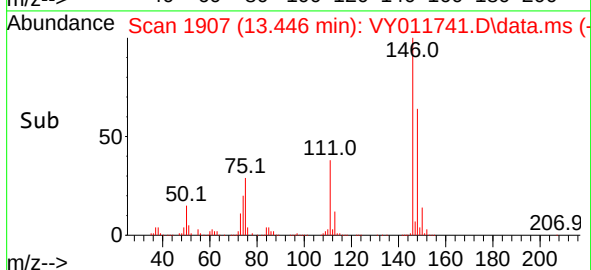
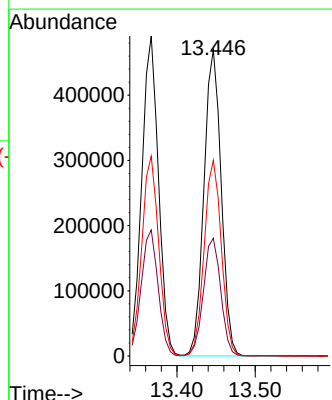
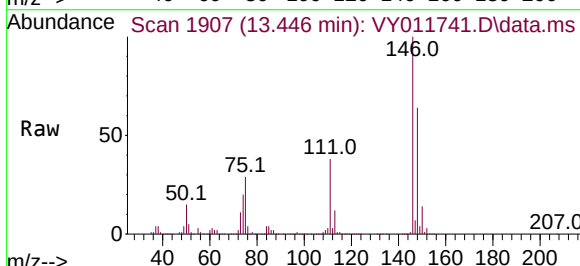
Tgt Ion:146 Resp: 716110

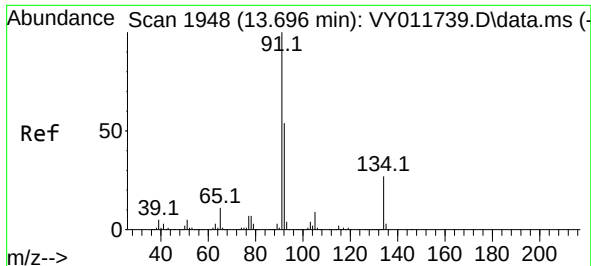
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 146.643 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

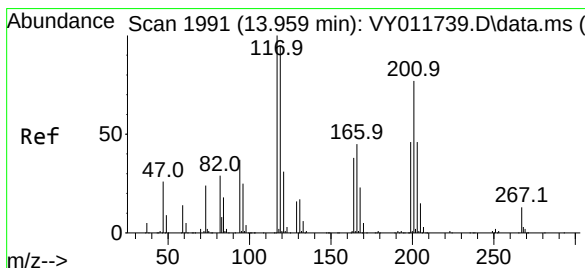
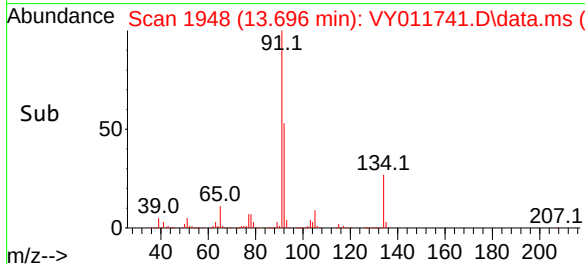
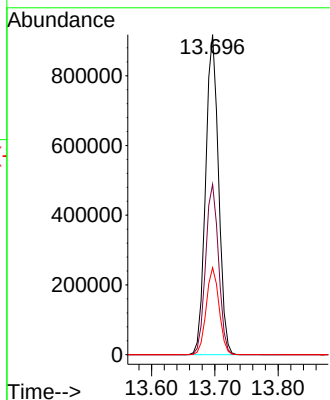
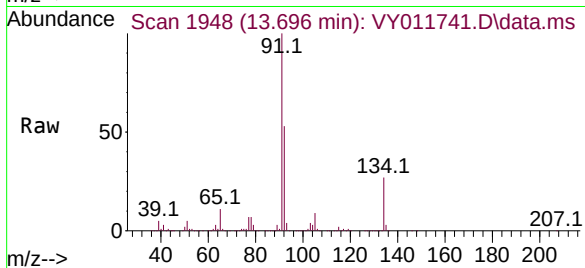
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1304727

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.4
134	27.0	13.3	39.8



#90

Hexachloroethane

Concen: 141.586 ug/l

RT: 13.959 min Scan# 1991

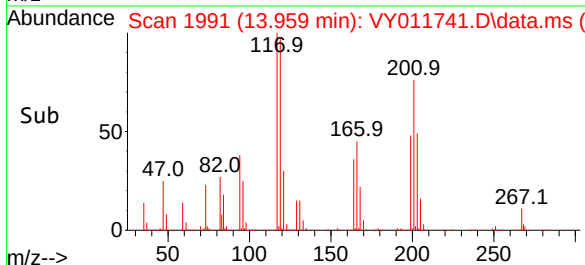
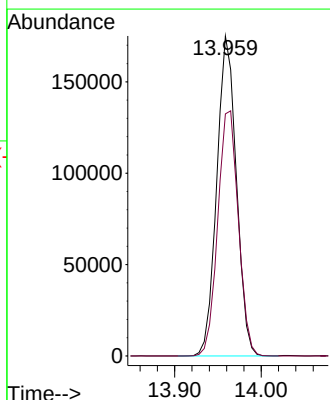
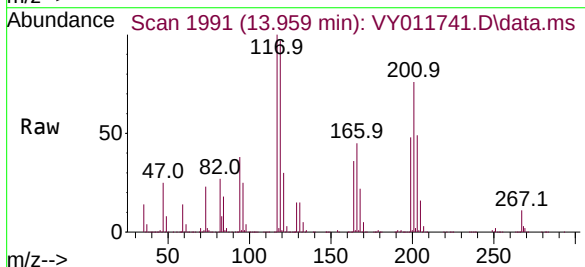
Delta R.T. -0.000 min

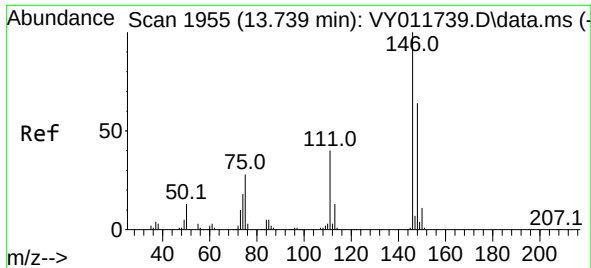
Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Tgt Ion: 117 Resp: 275363

Ion	Ratio	Lower	Upper
117	100		
201	80.4	40.3	120.8





#91

1,2-Dichlorobenzene

Concen: 142.562 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

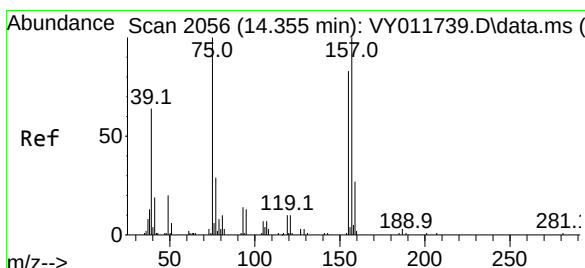
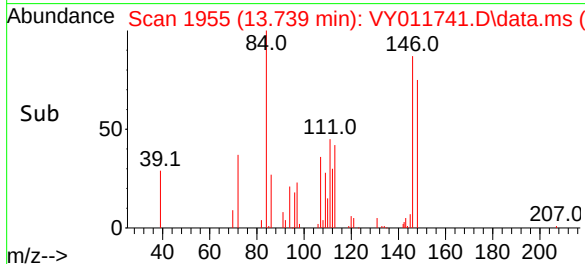
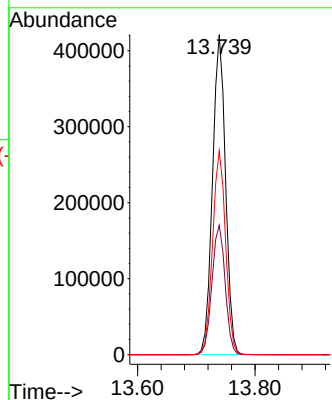
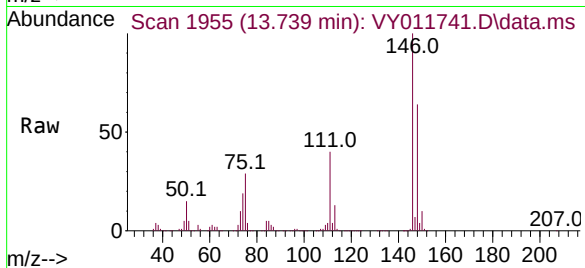
Tgt Ion:146 Resp: 646708

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 155.615 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

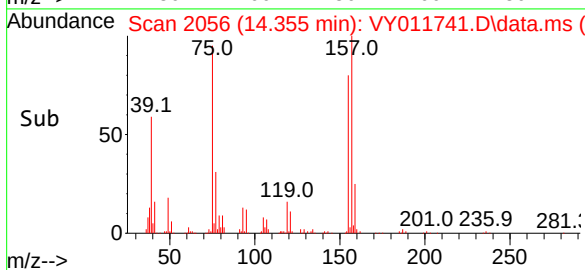
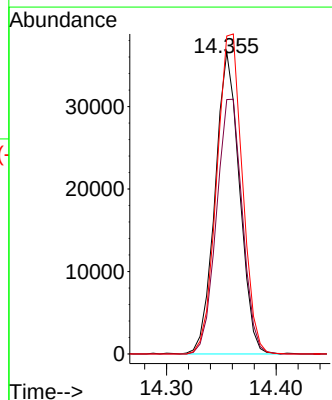
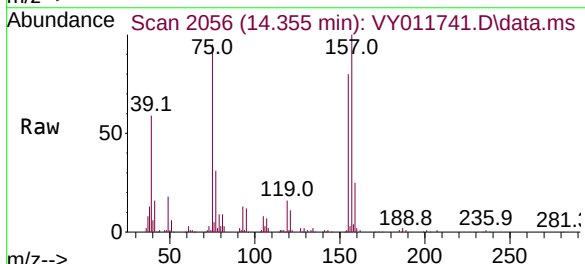
Tgt Ion: 75 Resp: 56687

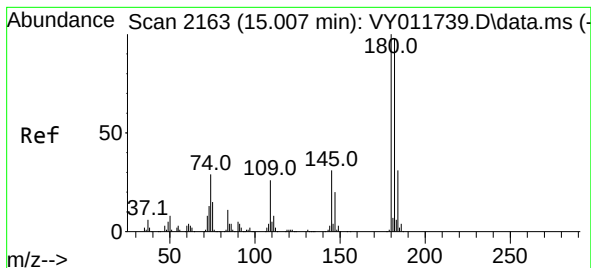
Ion Ratio Lower Upper

75 100

155 89.2 42.3 126.8

157 111.2 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 153.959 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

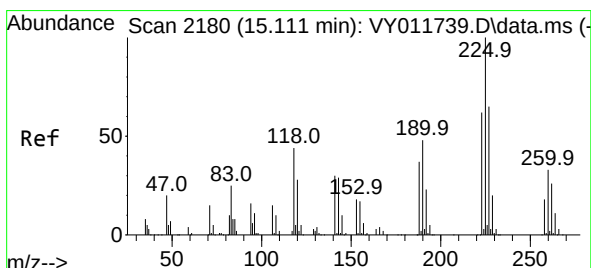
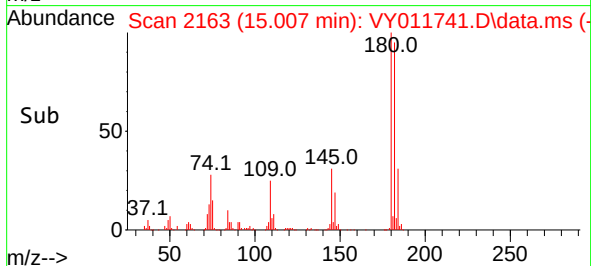
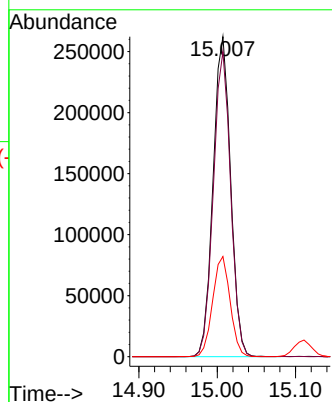
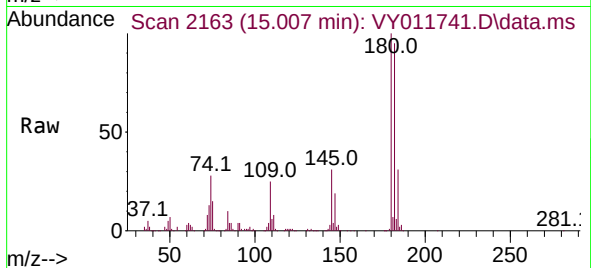
Tgt Ion:180 Resp: 407340

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.3

145 31.3 15.4 46.4



#94

Hexachlorobutadiene

Concen: 138.909 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

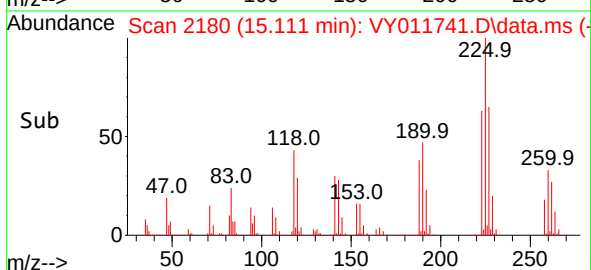
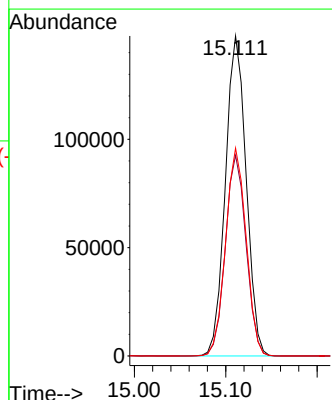
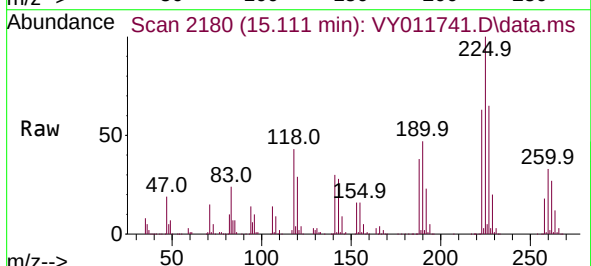
Tgt Ion:225 Resp: 233515

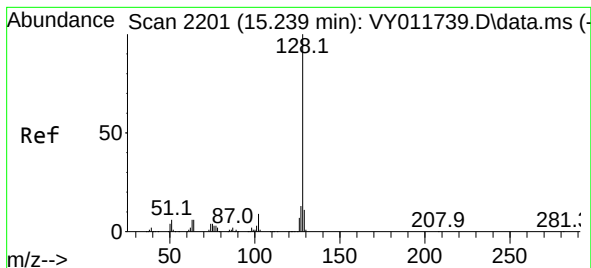
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.2

227 64.2 32.6 97.8





#95

Naphthalene

Concen: 170.606 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

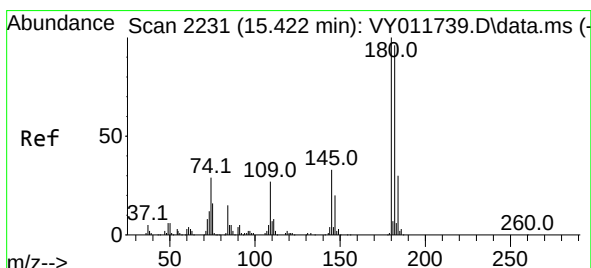
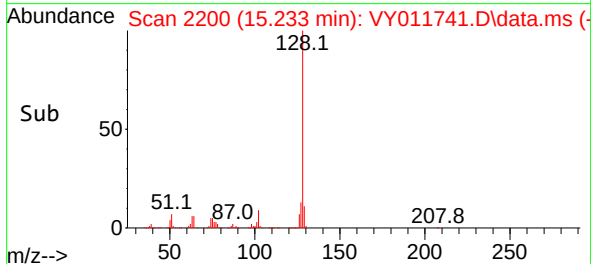
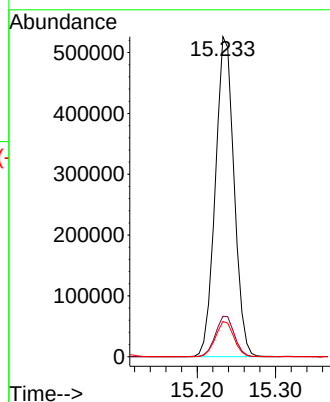
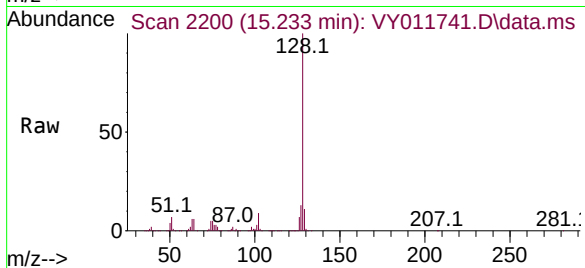
Tgt Ion:128 Resp: 874255

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 154.350 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011741.D

Acq: 09 Dec 2022 12:45

Tgt Ion:180 Resp: 352744

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 33.1 16.1 48.2

