

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019461.D
 Acq On : 09 Sep 2024 13:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 01:47:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	669406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	1126255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	959646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	455056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	313377	50.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.120%	
35) Dibromofluoromethane	7.634	113	325982	51.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.109	98	1213541	51.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.407	95	443783	48.866	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	177890	48.497	ug/l	97
3) Chloromethane	2.074	50	262788	47.448	ug/l	97
4) Vinyl Chloride	2.208	62	299139	49.950	ug/l	99
5) Bromomethane	2.604	94	186852	50.794	ug/l	100
6) Chloroethane	2.738	64	198849	50.792	ug/l	99
7) Trichlorofluoromethane	3.067	101	496410	49.726	ug/l	97
8) Diethyl Ether	3.458	74	161192	48.102	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.823	101	304093	49.241	ug/l	97
10) Methyl Iodide	4.006	142	396900	50.128	ug/l	95
11) Tert butyl alcohol	4.866	59	112149	224.037	ug/l	98
12) 1,1-Dichloroethene	3.793	96	293602	49.435	ug/l	89
13) Acrolein	3.659	56	53635	220.895	ug/l	96
14) Allyl chloride	4.384	41	524263	49.224	ug/l #	91
15) Acrylonitrile	5.055	53	343115	237.467	ug/l	100
16) Acetone	3.872	43	364933	247.125	ug/l #	86
17) Carbon Disulfide	4.110	76	836902	52.155	ug/l	98
18) Methyl Acetate	4.384	43	181404	45.266	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	799805	47.548	ug/l	100
20) Methylene Chloride	4.616	84	316089	46.936	ug/l #	86
21) trans-1,2-Dichloroethene	5.116	96	324115	49.789	ug/l	88
22) Diisopropyl ether	6.018	45	1057937	48.371	ug/l	94
23) Vinyl Acetate	5.957	43	3049974	244.143	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	602439	49.087	ug/l	98
25) 2-Butanone	6.890	43	503179	239.579	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	554822	50.117	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	391977	49.570	ug/l	90
28) Bromochloromethane	7.244	49	262095	50.756	ug/l	86
29) Tetrahydrofuran	7.262	42	297442	232.924	ug/l	87
30) Chloroform	7.420	83	614364	49.037	ug/l	99
31) Cyclohexane	7.701	56	530851	47.853	ug/l	93
32) 1,1,1-Trichloroethane	7.615	97	561015	49.958	ug/l	97
36) 1,1-Dichloropropene	7.835	75	442679	50.947	ug/l	97
37) Ethyl Acetate	6.981	43	215190	48.335	ug/l	96
38) Carbon Tetrachloride	7.817	117	493229	50.337	ug/l	99
39) Methylcyclohexane	9.109	83	584329	50.533	ug/l	91
40) Benzene	8.079	78	1334173	49.852	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	114413	44.086	ug/l	90
42) 1,2-Dichloroethane	8.158	62	358158	49.734	ug/l	97
43) Isopropyl Acetate	8.195	43	445561	47.636	ug/l	91
44) Trichloroethene	8.865	130	348574	50.644	ug/l	97
45) 1,2-Dichloropropane	9.140	63	321769	49.179	ug/l	99
46) Dibromomethane	9.231	93	175785	49.130	ug/l	98
47) Bromodichloromethane	9.426	83	472974	49.177	ug/l	98
48) Methyl methacrylate	9.219	41	211714	47.932	ug/l #	85
49) 1,4-Dioxane	9.231	88	38906	923.689	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	1109510	235.784	ug/l	92
52) Toluene	10.170	92	860746	50.008	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	445283	48.568	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	525049	49.182	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	239048	48.381	ug/l	98
56) Ethyl methacrylate	10.438	69	359884	47.948	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	408643	48.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	863557	247.891	ug/l	98
59) 2-Hexanone	10.761	43	820311	237.782	ug/l	90
60) Dibromochloromethane	10.914	129	318573	48.741	ug/l	100
61) 1,2-Dibromoethane	11.017	107	213408	46.355	ug/l	100
64) Tetrachloroethene	10.645	164	294936	49.631	ug/l	93
65) Chlorobenzene	11.444	112	939640	49.777	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	319207	48.840	ug/l	99
67) Ethyl Benzene	11.523	91	1669355	49.771	ug/l	98
68) m/p-Xylenes	11.633	106	1269209	100.075	ug/l	95
69) o-Xylene	11.956	106	610122	49.191	ug/l	95
70) Styrene	11.968	104	1036560	49.499	ug/l	96
71) Bromoform	12.133	173	177914	47.659	ug/l #	98
73) Isopropylbenzene	12.255	105	1618874	49.038	ug/l	100
74) N-amyl acetate	12.072	43	430506	47.949	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	273569	46.687	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	362369	84.959	ug/l #	100
77) Bromobenzene	12.535	156	354665	48.440	ug/l	91
78) n-propylbenzene	12.596	91	1945757	49.726	ug/l	100
79) 2-Chlorotoluene	12.682	91	1117908	49.023	ug/l	96
80) 1,3,5-Trimethylbenzene	12.736	105	1324899	49.366	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	101376	45.628	ug/l	97
82) 4-Chlorotoluene	12.779	91	1141532	48.692	ug/l	97
83) tert-Butylbenzene	12.999	119	1196025	49.226	ug/l	95
84) 1,2,4-Trimethylbenzene	13.047	105	1300597	48.957	ug/l	98
85) sec-Butylbenzene	13.175	105	1755325	49.732	ug/l	100
86) p-Isopropyltoluene	13.291	119	1439825	49.859	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	701584	49.313	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	690036	48.871	ug/l	97
89) n-Butylbenzene	13.620	91	1380884	50.019	ug/l	99
90) Hexachloroethane	13.883	117	291680	48.543	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	616708	48.576	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	43729	44.778	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	375954	48.688	ug/l	97
94) Hexachlorobutadiene	15.023	225	200795	48.677	ug/l	99
95) Naphthalene	15.145	128	721934	46.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	319422	48.362	ug/l	98

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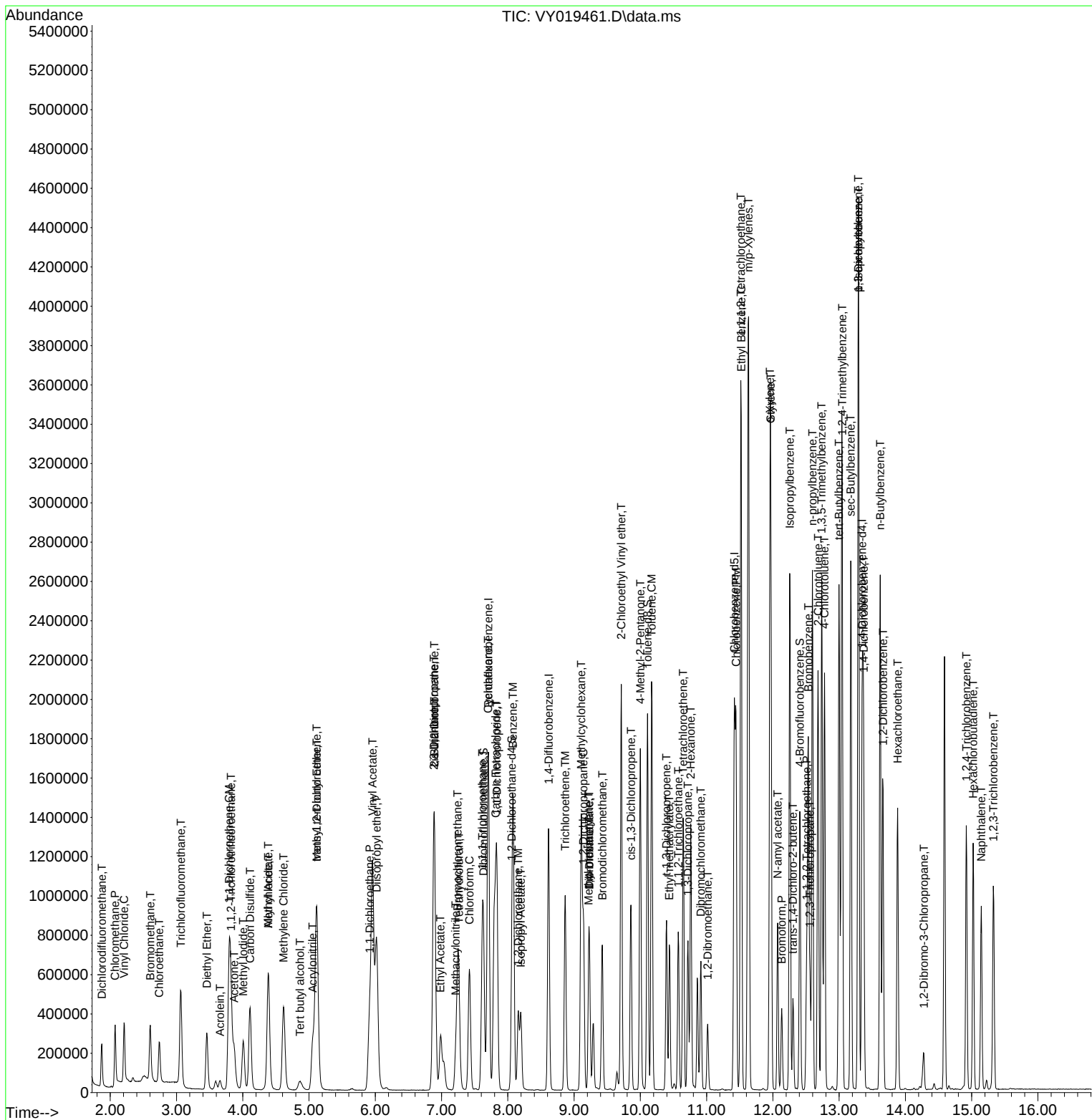
Instrument :
MSVOA_Y
ClientSampleId :

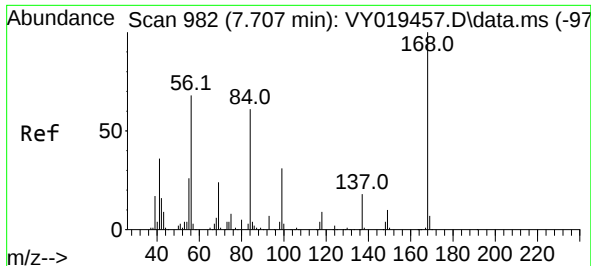
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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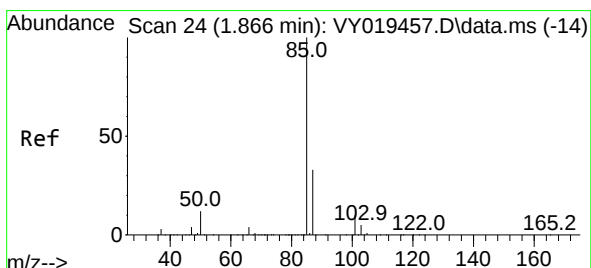
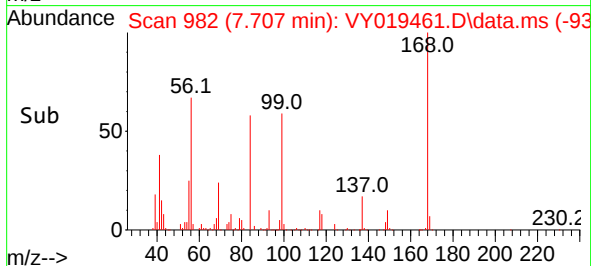
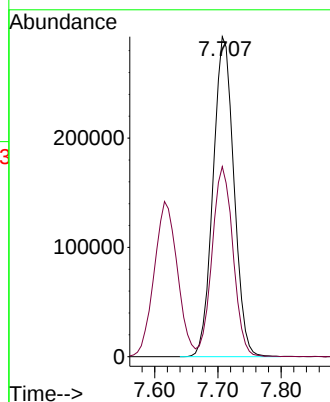
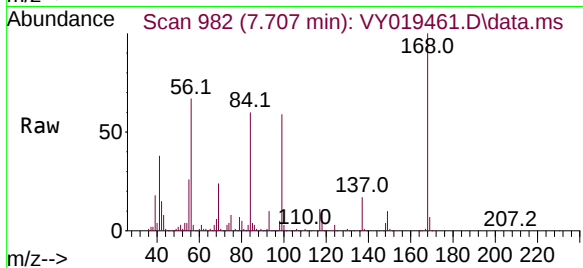




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019461.D
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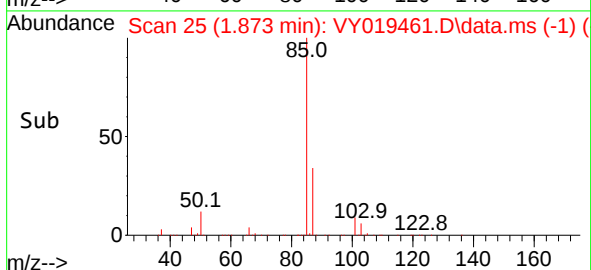
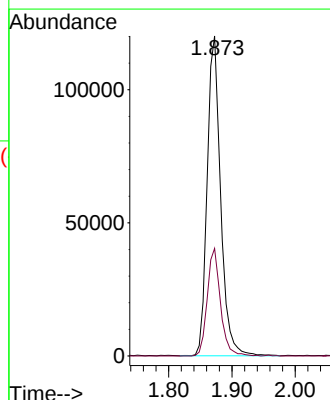
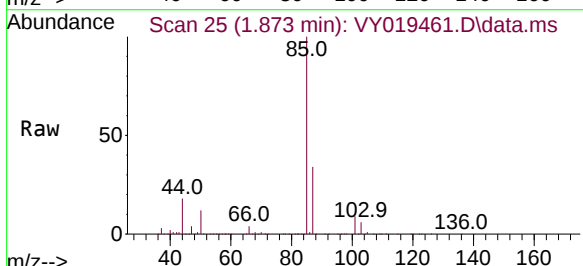
Instrument :
MSVOA_Y
ClientSampleId :

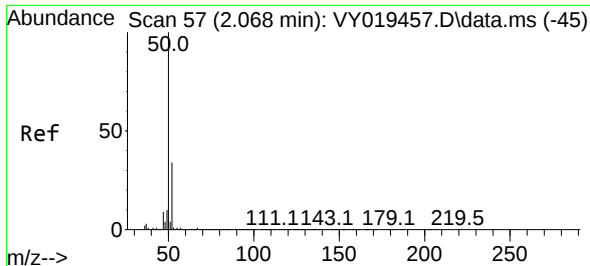
Tgt Ion:168 Resp: 669406
Ion Ratio Lower Upper
168 100
99 59.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 48.497 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 85 Resp: 177890
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

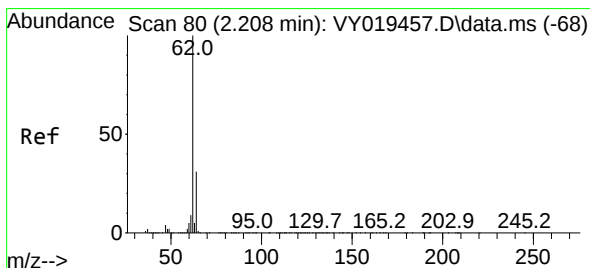
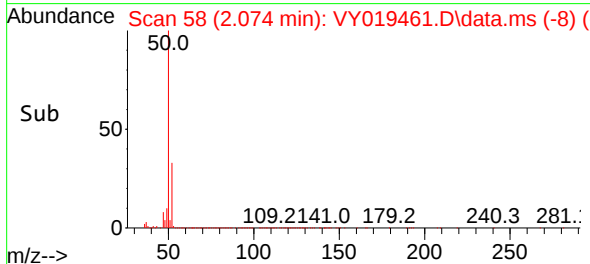
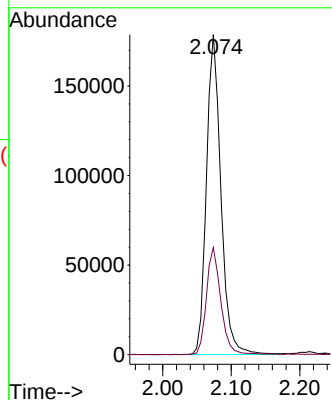
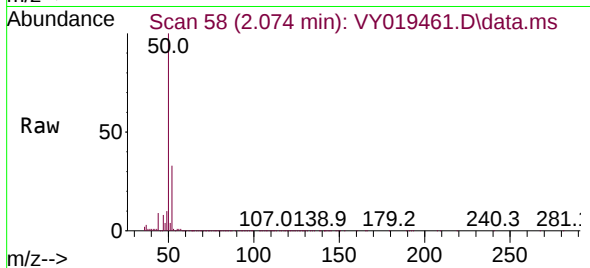




#3
Chloromethane
Concen: 47.448 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

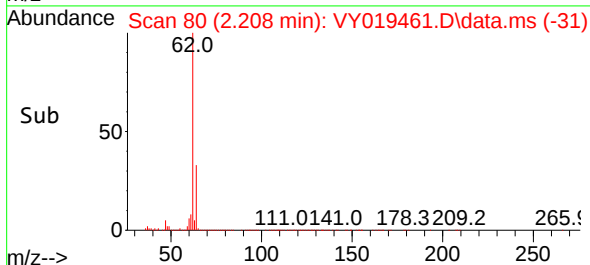
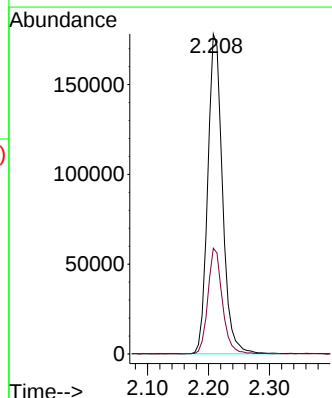
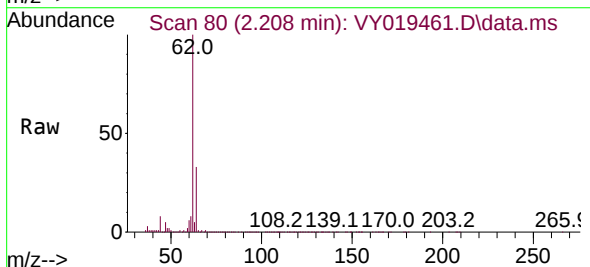
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 262788
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 49.950 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 62 Resp: 299139
Ion Ratio Lower Upper
62 100
64 33.0 26.1 39.1

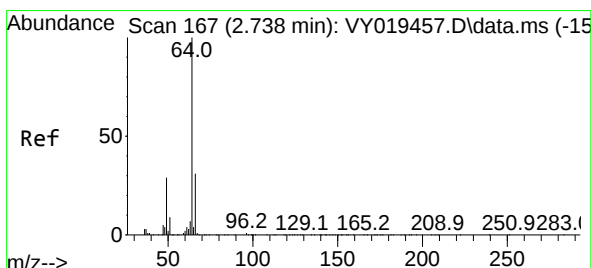
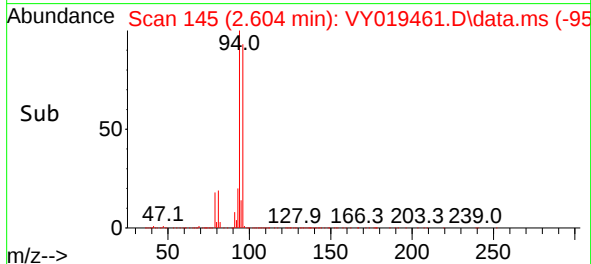
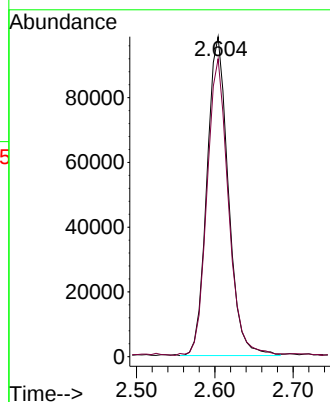
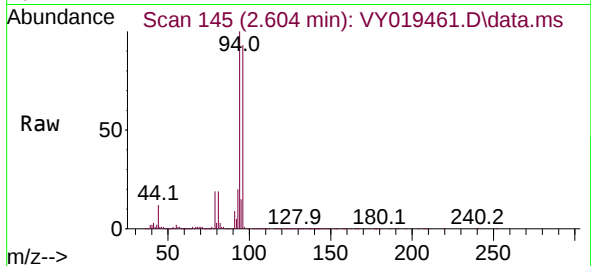




#5
Bromomethane
Concen: 50.794 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

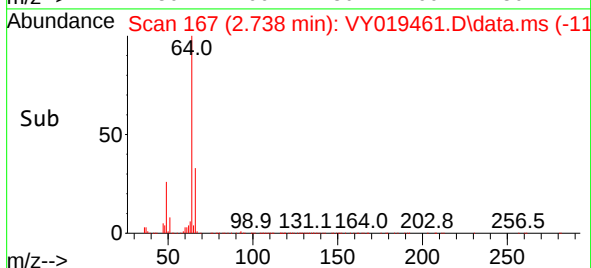
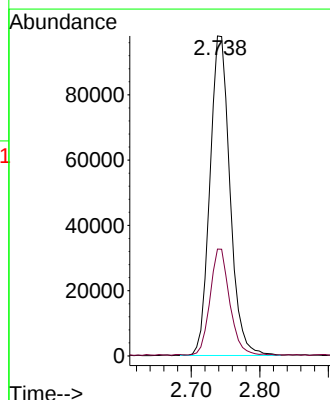
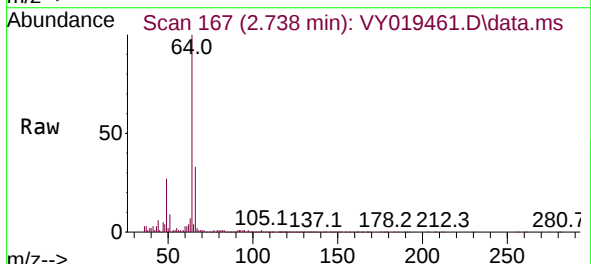
Instrument :
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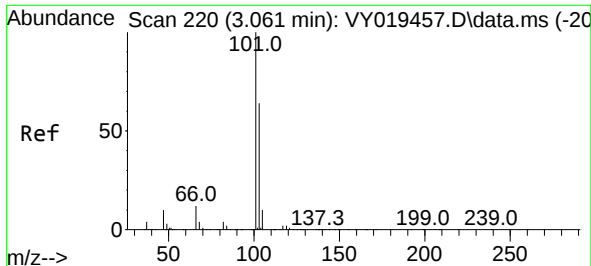
Tgt Ion: 94 Resp: 186852
Ion Ratio Lower Upper
94 100
96 92.5 74.1 111.1



#6
Chloroethane
Concen: 50.792 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 64 Resp: 198849
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

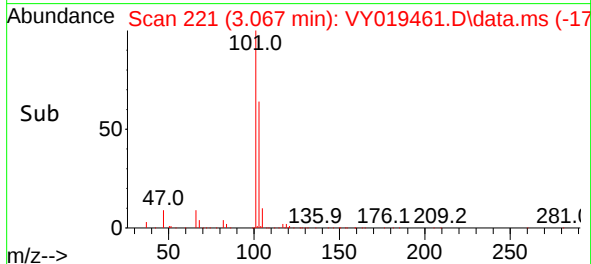
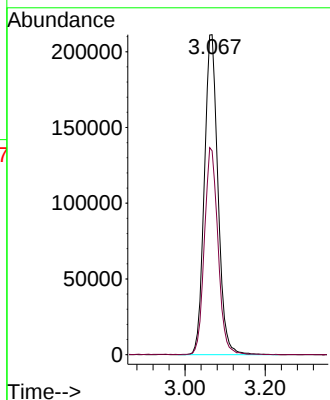
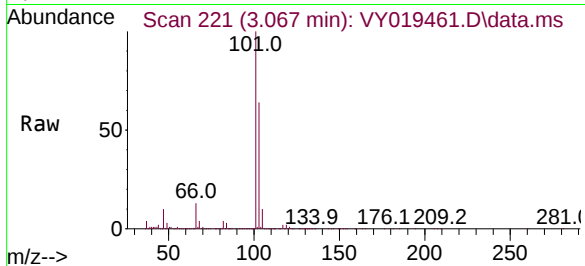




#7
 Trichlorofluoromethane
 Concen: 49.726 ug/l
 RT: 3.067 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

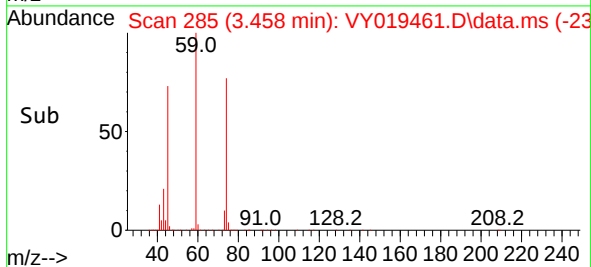
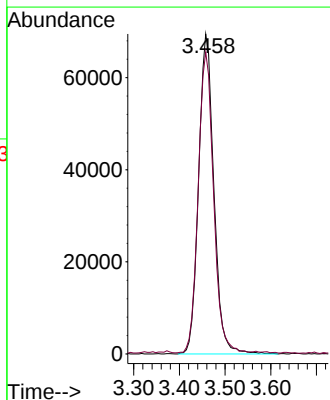
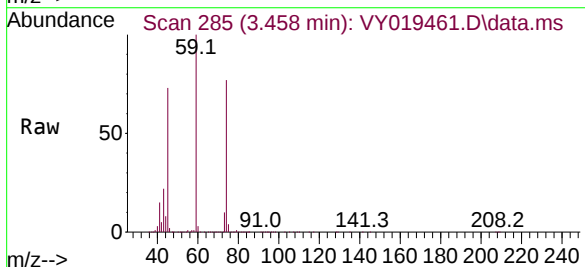
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 496410
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.102 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

Tgt Ion: 74 Resp: 161192
 Ion Ratio Lower Upper
 74 100
 45 94.6 41.3 124.1

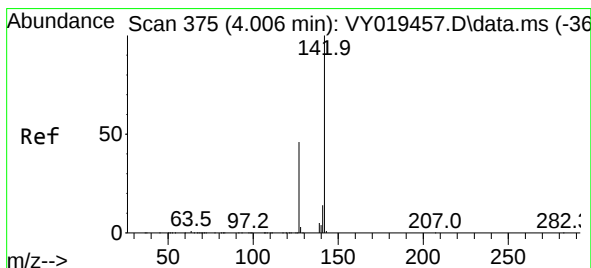
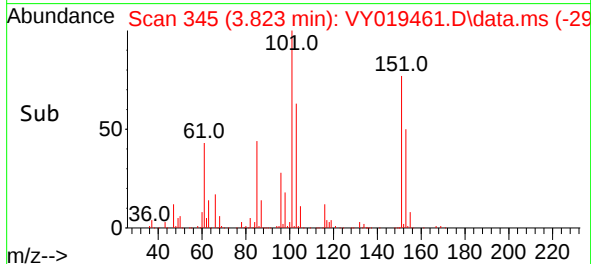
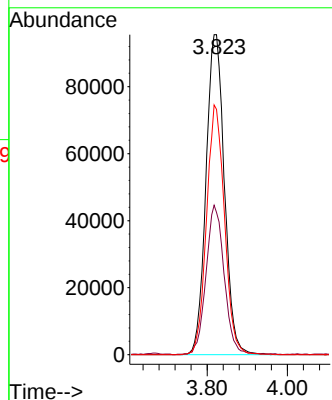
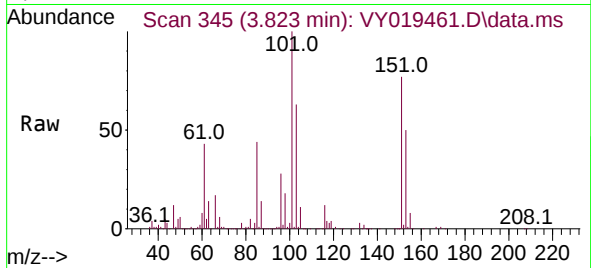




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.241 ug/l
RT: 3.823 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY019461.D
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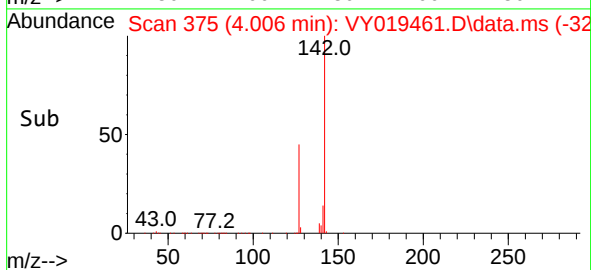
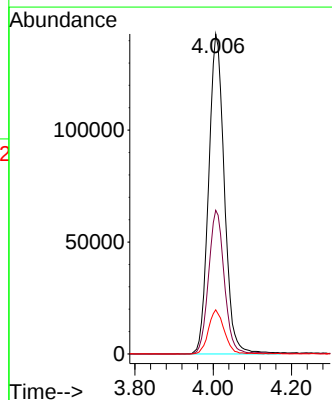
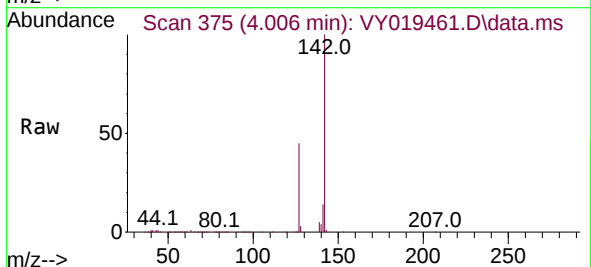
Instrument :
MSVOA_Y
ClientSampleId :

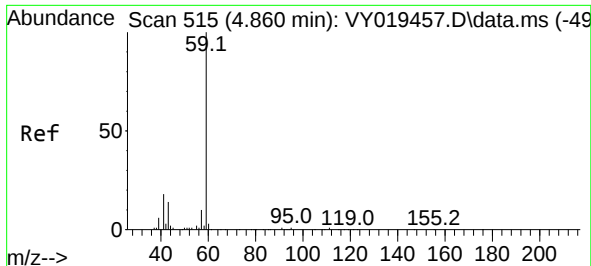
Tgt Ion:101 Resp: 304093
Ion Ratio Lower Upper
101 100
85 46.3 34.5 51.7
151 76.1 61.7 92.5



#10
Methyl Iodide
Concen: 50.128 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion:142 Resp: 396900
Ion Ratio Lower Upper
142 100
127 44.8 32.8 49.2
141 13.9 11.4 17.2

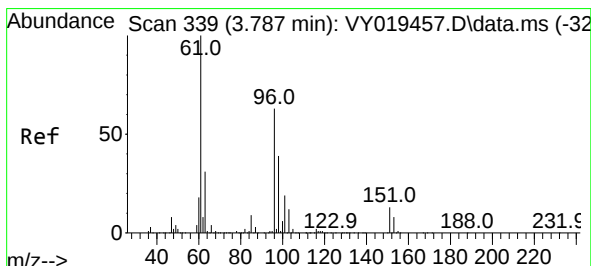
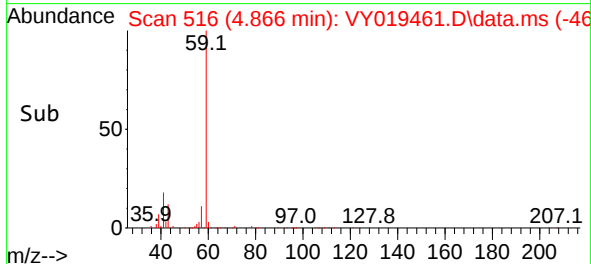
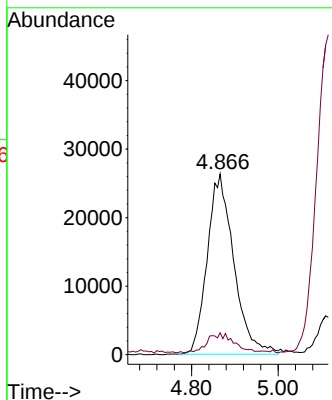
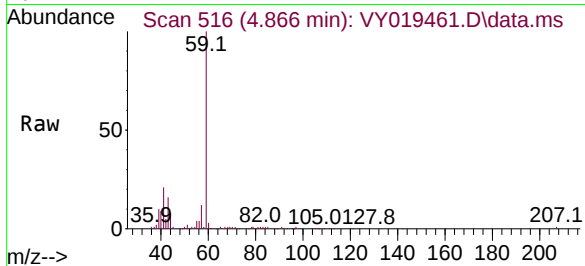




#11
Tert butyl alcohol
Concen: 224.037 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

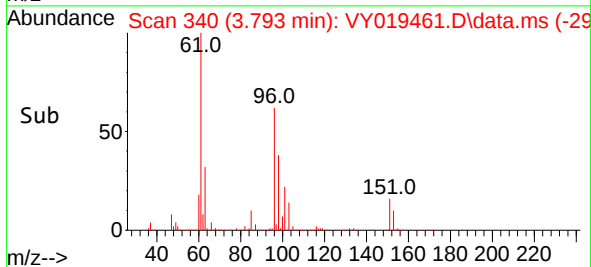
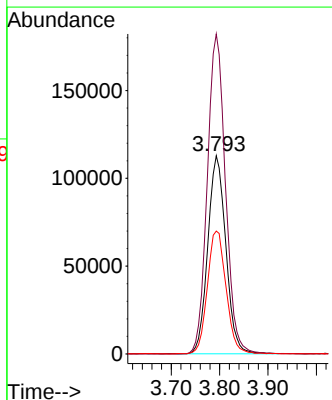
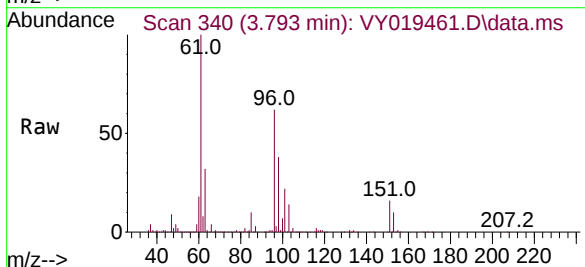
Instrument :
MSVOA_Y
ClientSampleId :

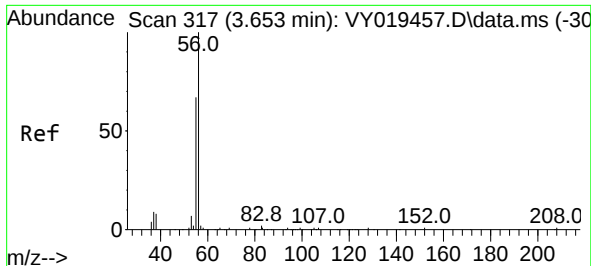
Tgt Ion: 59 Resp: 112149
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6



#12
1,1-Dichloroethene
Concen: 49.435 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 96 Resp: 293602
Ion Ratio Lower Upper
96 100
61 161.5 114.6 171.8
98 61.8 50.8 76.2





#13

Acrolein

Concen: 220.895 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

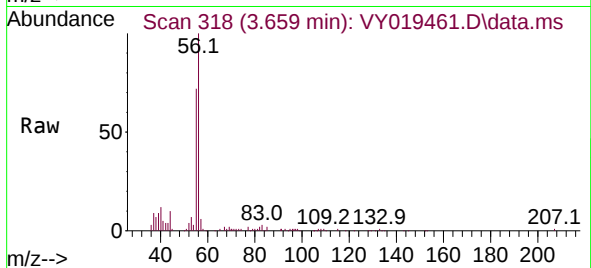
Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

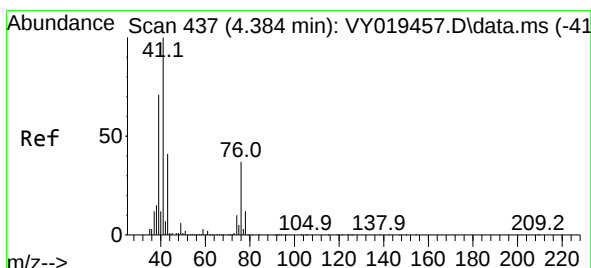
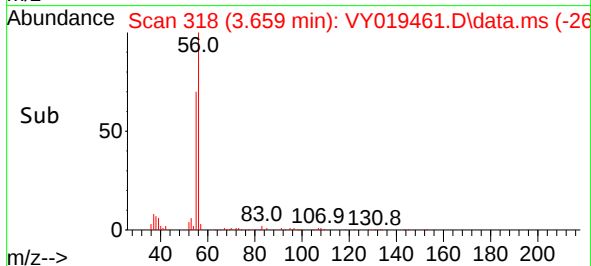
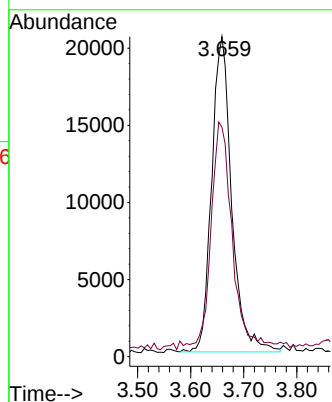


Tgt Ion: 56 Resp: 53635

Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5



#14

Allyl chloride

Concen: 49.224 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

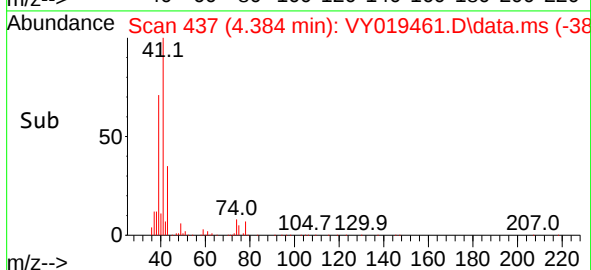
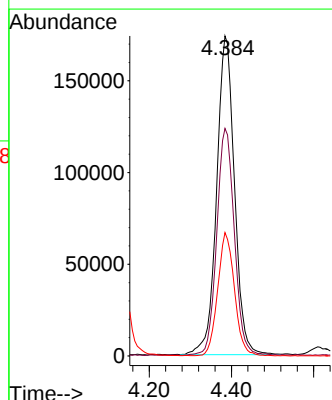
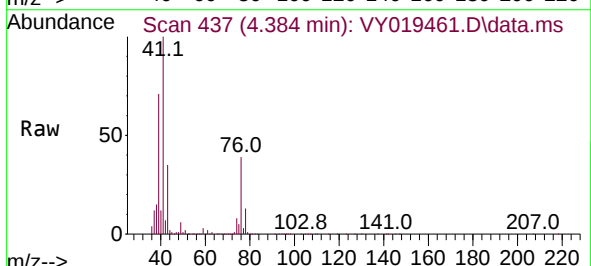
Tgt Ion: 41 Resp: 524263

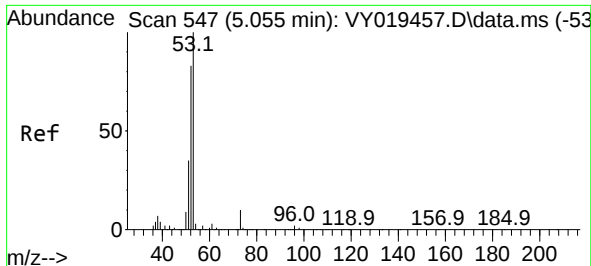
Ion Ratio Lower Upper

41 100

39 70.1 58.3 87.5

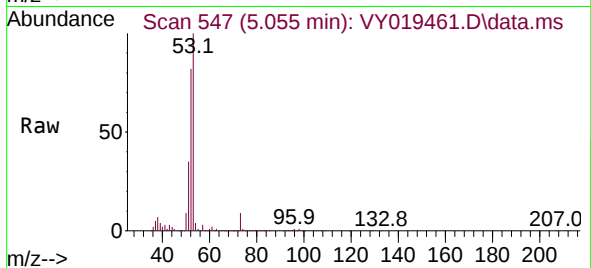
76 36.1 39.0 58.6#



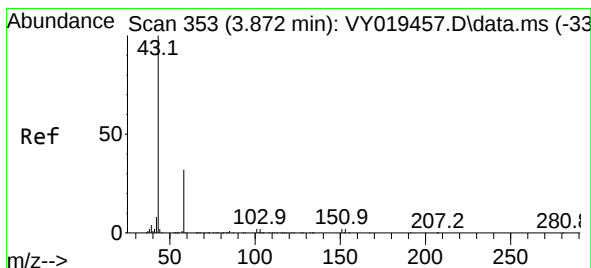
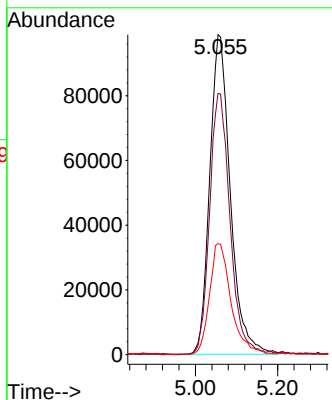
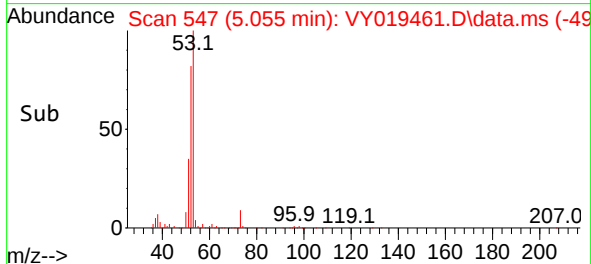


#15
Acrylonitrile
Concen: 237.467 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :

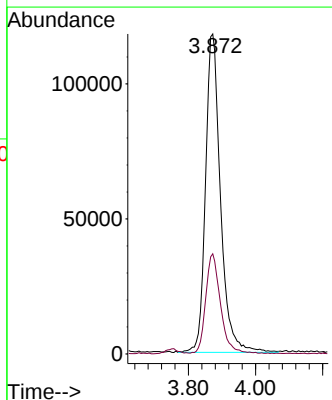
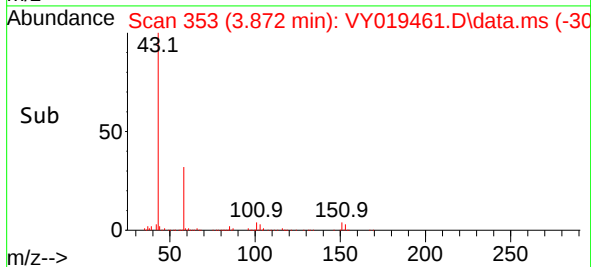
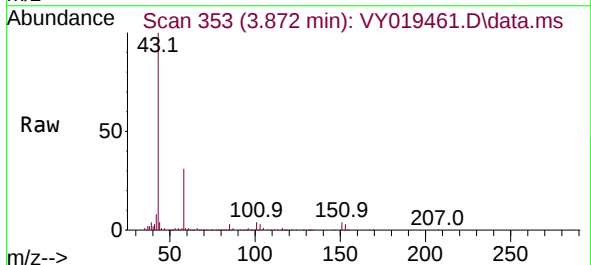


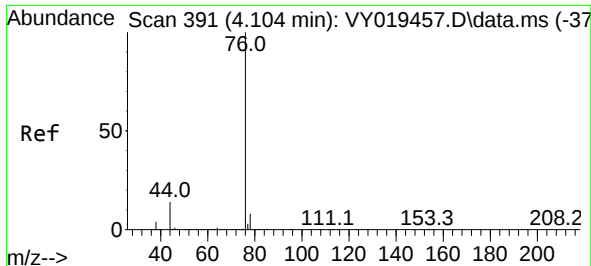
Tgt Ion: 53 Resp: 343115
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 36.2 28.4 42.6



#16
Acetone
Concen: 247.125 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 43 Resp: 364933
Ion Ratio Lower Upper
43 100
58 31.3 31.7 47.5#

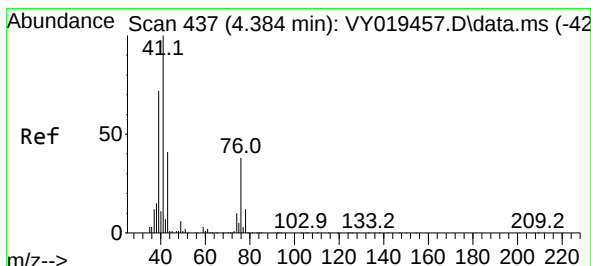
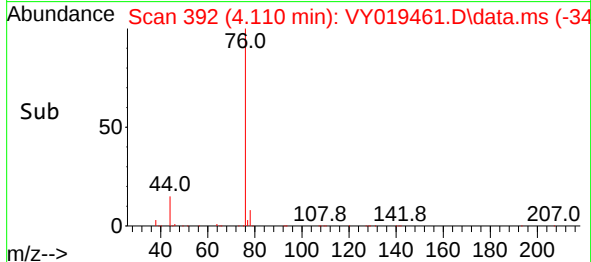
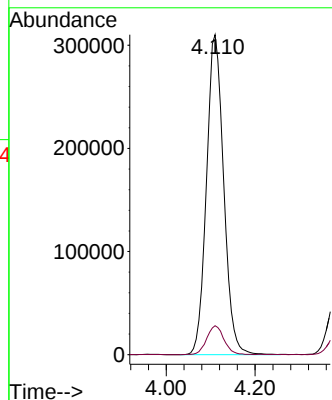
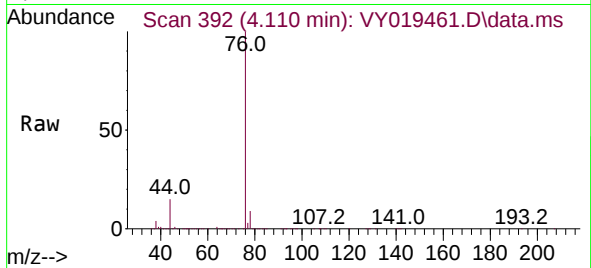




#17
Carbon Disulfide
Concen: 52.155 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

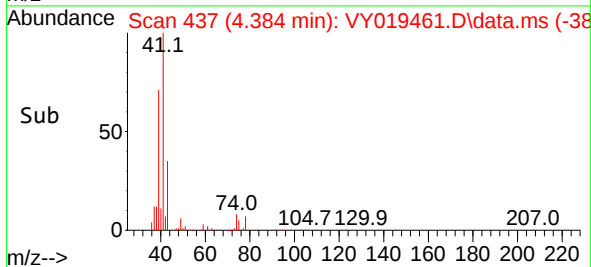
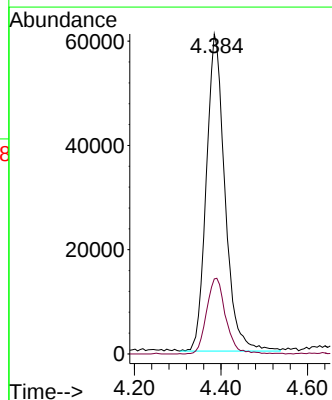
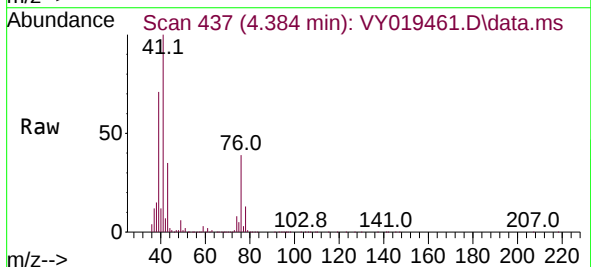
Instrument :
MSVOA_Y
ClientSampleId :

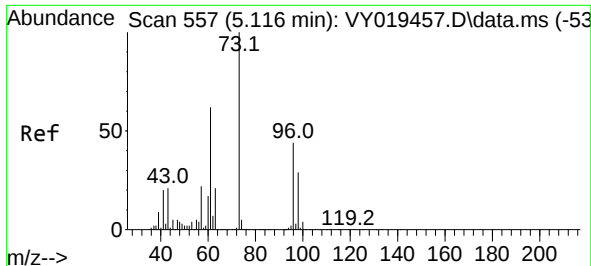
Tgt Ion: 76 Resp: 836902
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 45.266 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 43 Resp: 181404
Ion Ratio Lower Upper
43 100
74 24.6 23.3 34.9

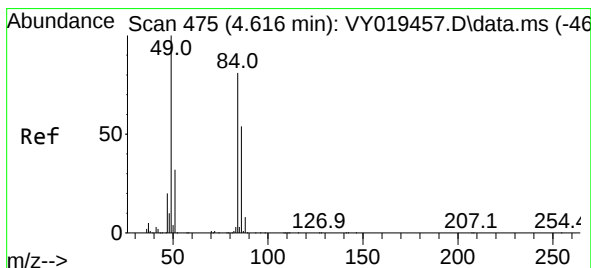
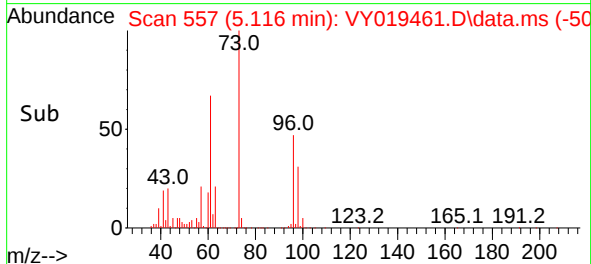
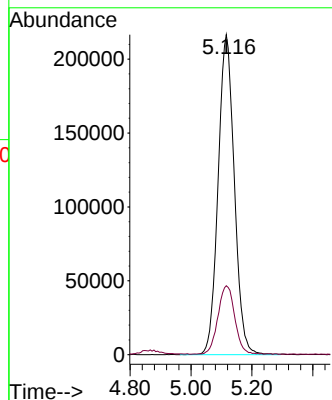
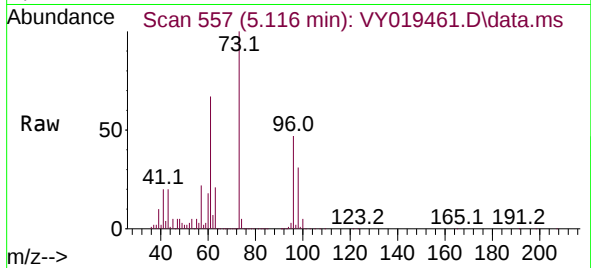




#19
Methyl tert-butyl Ether
Concen: 47.548 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

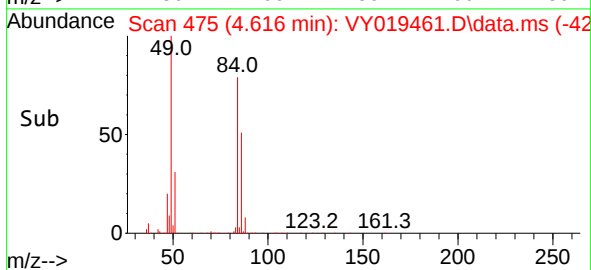
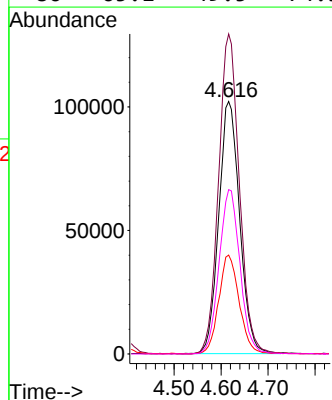
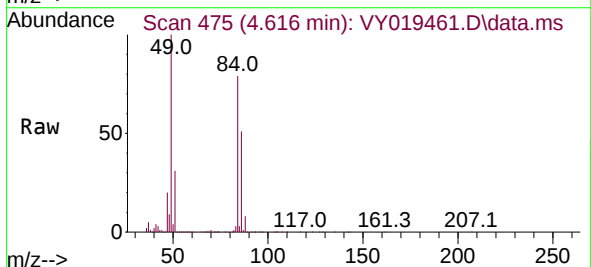
Instrument :
MSVOA_Y
ClientSampleId :

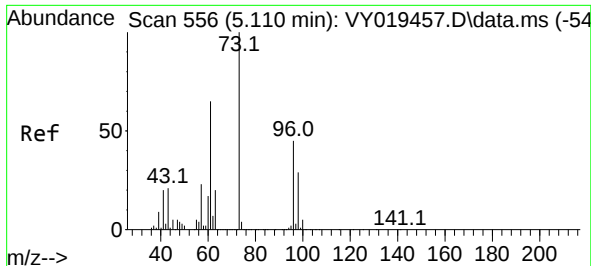
Tgt Ion: 73 Resp: 799805
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 46.936 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 84 Resp: 316089
Ion Ratio Lower Upper
84 100
49 126.8 84.4 126.6#
51 39.1 26.0 39.0#
86 65.1 49.5 74.3

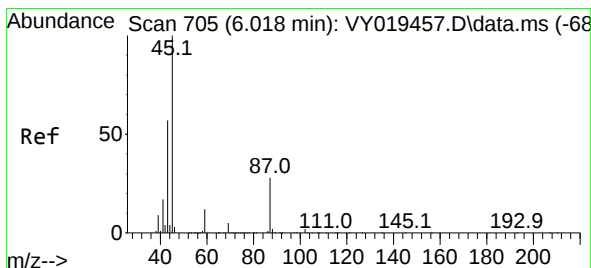
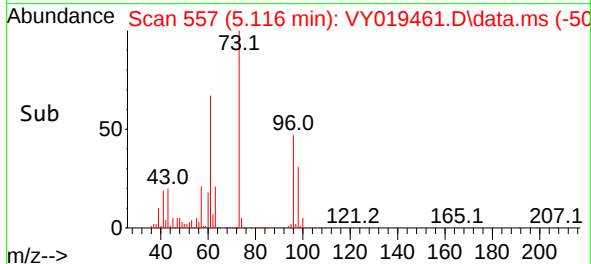
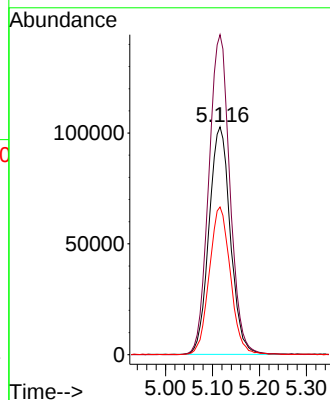
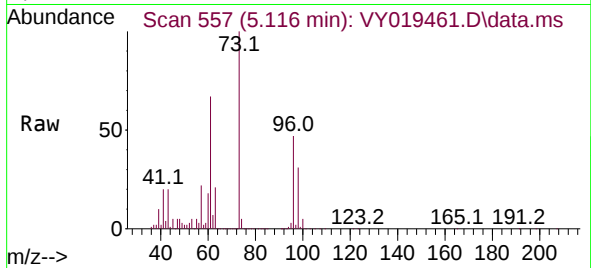




#21
trans-1,2-Dichloroethene
Concen: 49.789 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. 0.006 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

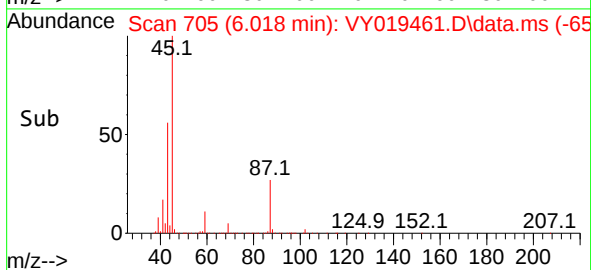
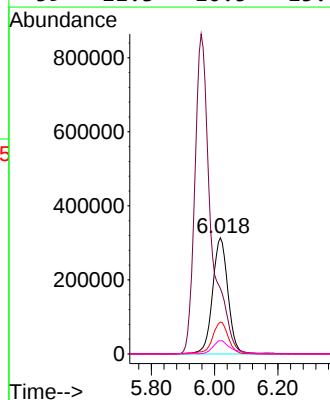
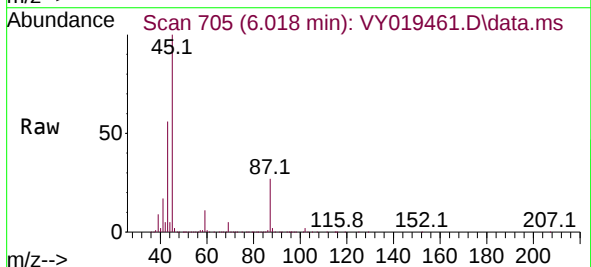
Instrument :
MSVOA_Y
ClientSampleId :

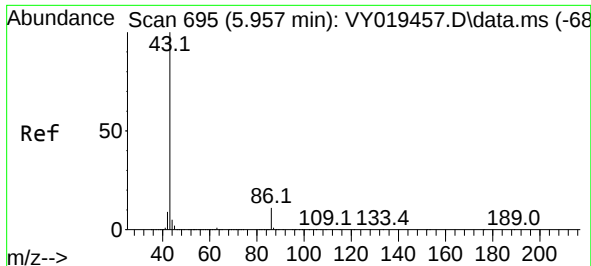
Tgt Ion: 96 Resp: 324115
Ion Ratio Lower Upper
96 100
61 140.6 97.5 146.3
98 64.8 50.5 75.7



#22
Diisopropyl ether
Concen: 48.371 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 45 Resp: 1057937
Ion Ratio Lower Upper
45 100
43 56.1 42.2 63.2
87 27.4 25.0 37.6
59 11.3 10.5 15.7

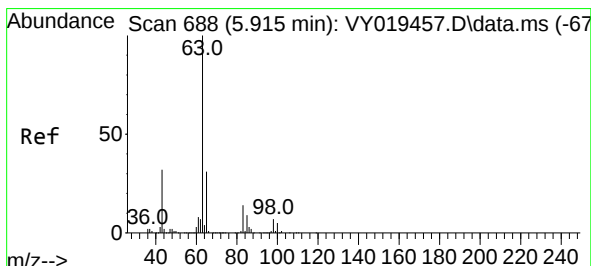
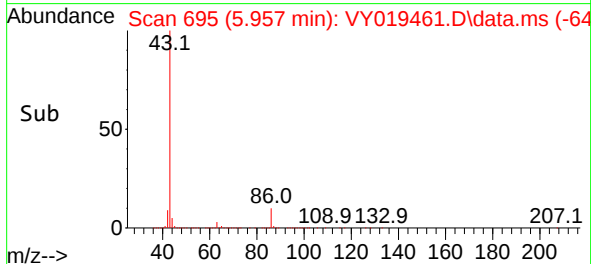
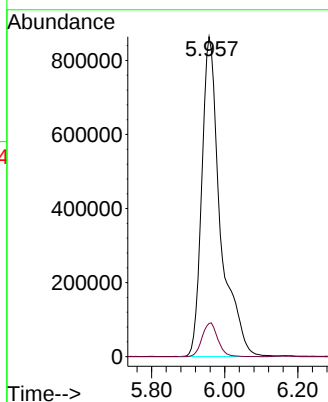
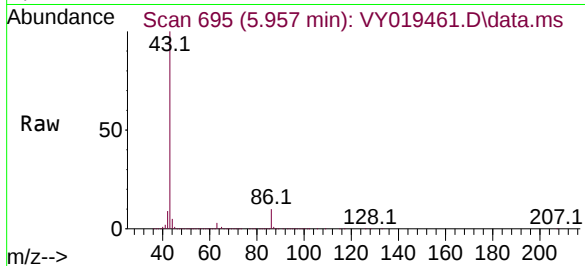




#23
 Vinyl Acetate
 Concen: 244.143 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

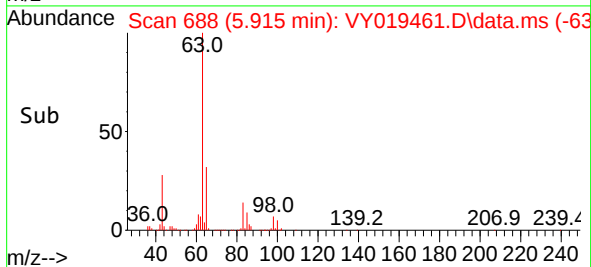
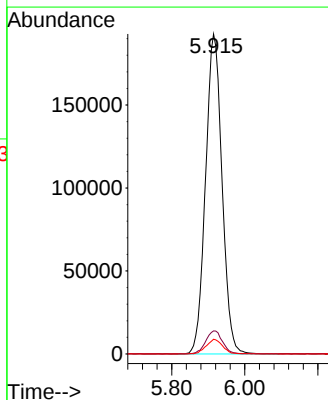
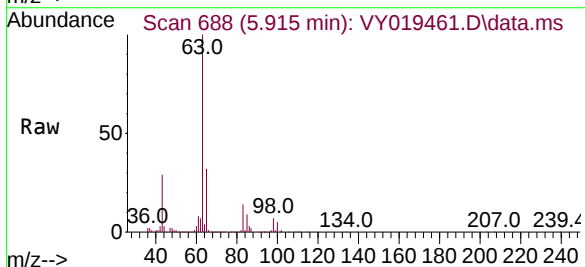
Instrument :
 MSVOA_Y
 ClientSampleId :

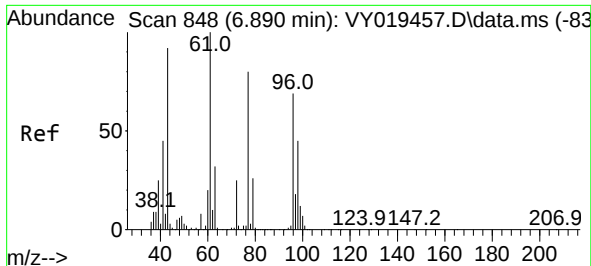
Tgt Ion: 43 Resp: 3049974
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 49.087 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

Tgt Ion: 63 Resp: 602439
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 4.6 2.6 8.0

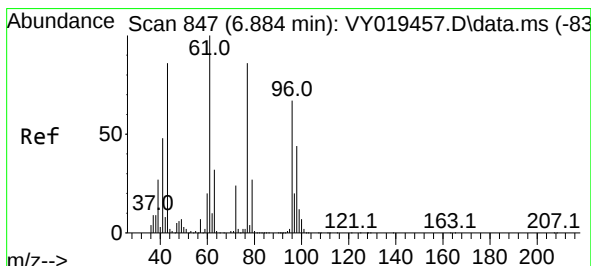
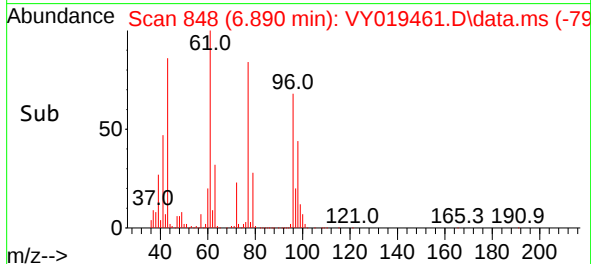
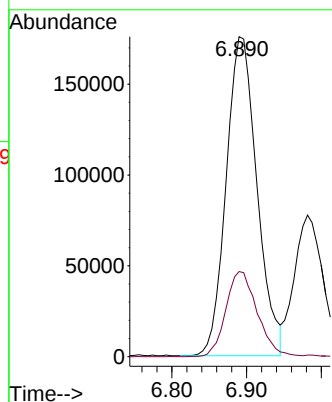
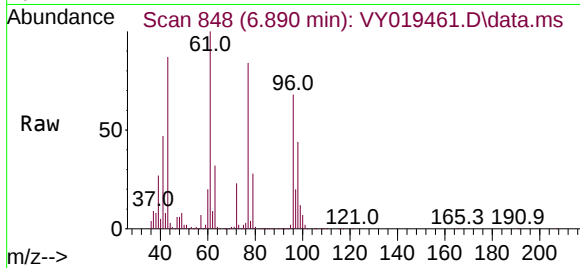




#25
2-Butanone
Concen: 239.579 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

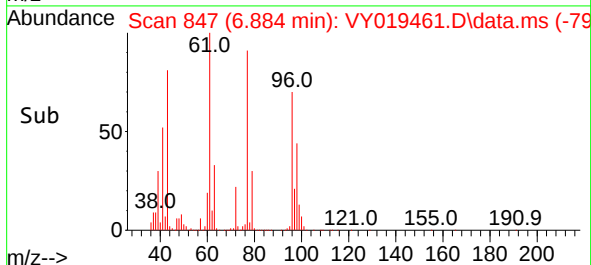
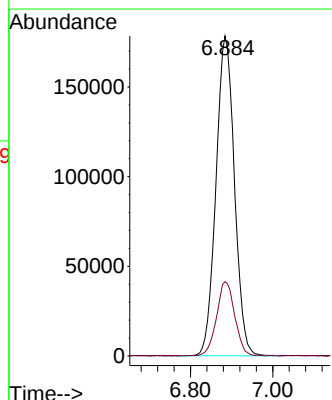
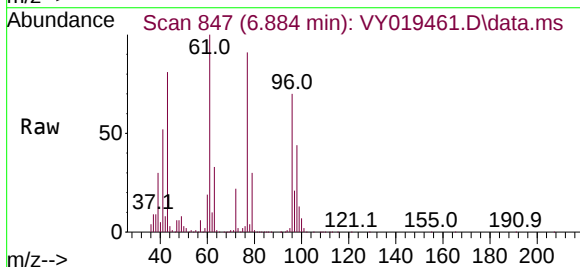
Instrument :
MSVOA_Y
ClientSampleId :

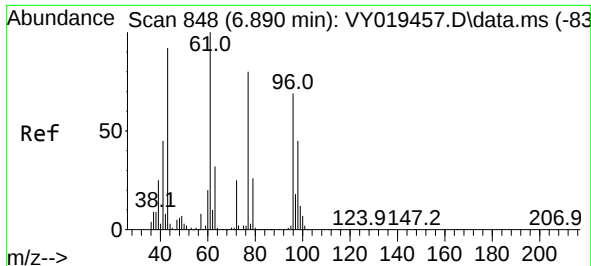
Tgt Ion: 43 Resp: 503179
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 50.117 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

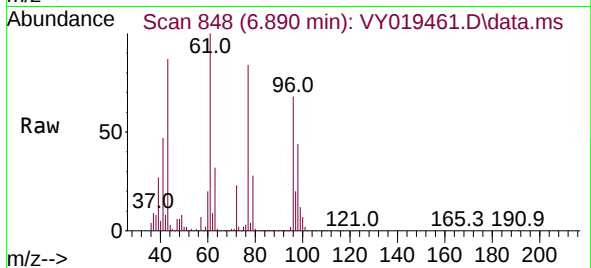
Tgt Ion: 77 Resp: 554822
Ion Ratio Lower Upper
77 100
97 22.8 12.0 36.1



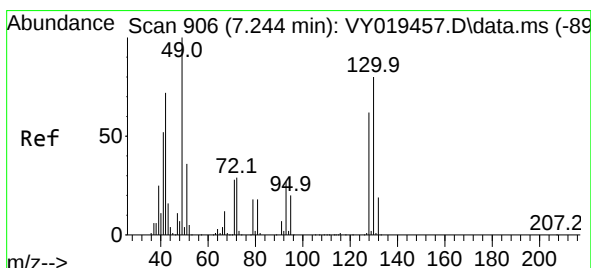
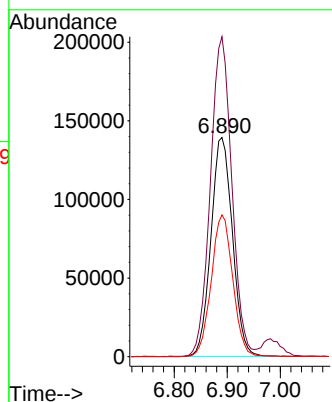
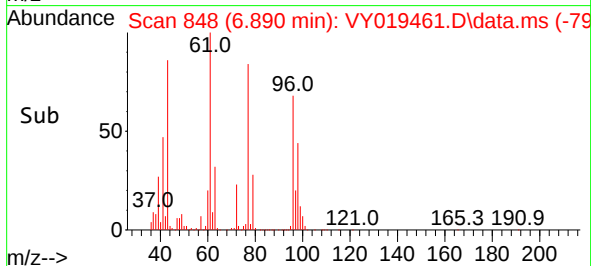


#27
 cis-1,2-Dichloroethene
 Concen: 49.570 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :

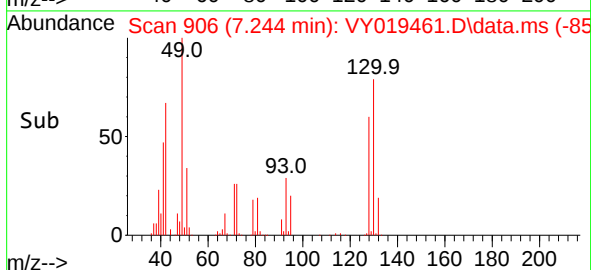
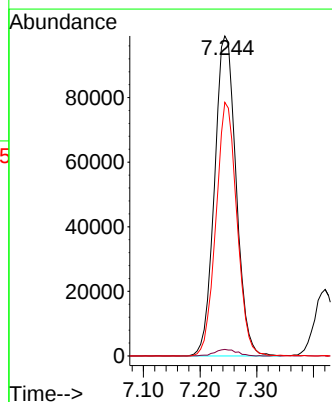
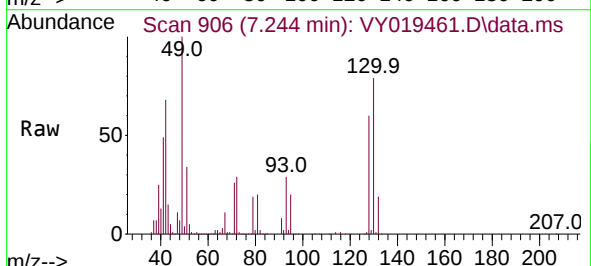


Tgt Ion: 96 Resp: 391977
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 256.2
 98 64.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 50.756 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

Tgt Ion: 49 Resp: 262095
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 76.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 232.924 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

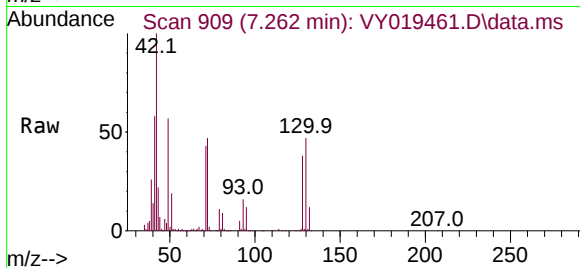
Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

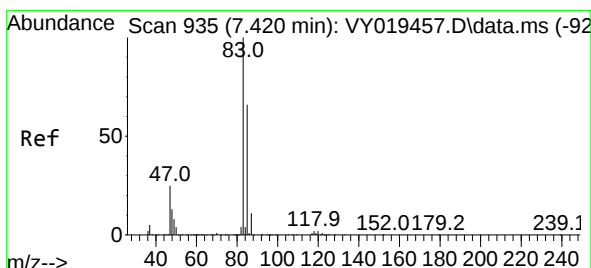
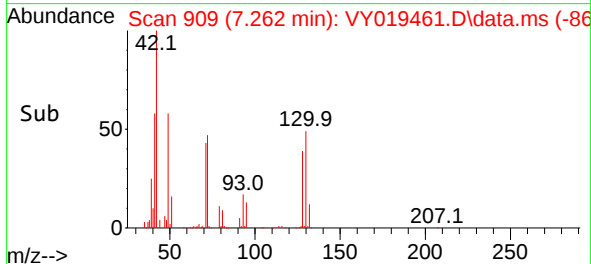
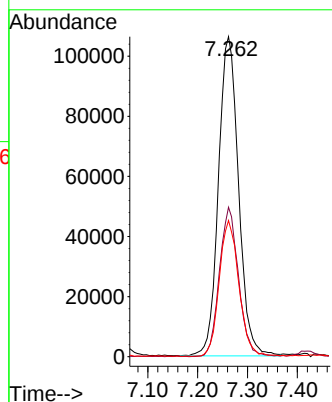
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	297442
Ion Ratio	100	Lower	Upper
42	100		
72	44.6	43.0	64.4
71	41.8	40.8	61.2



#30

Chloroform

Concen: 49.037 ug/l

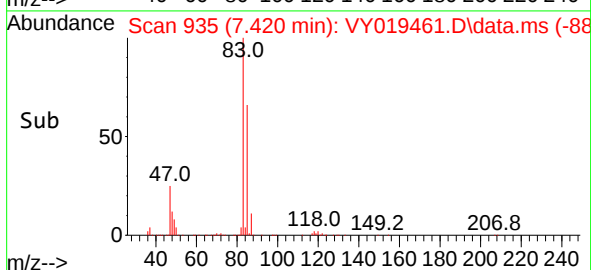
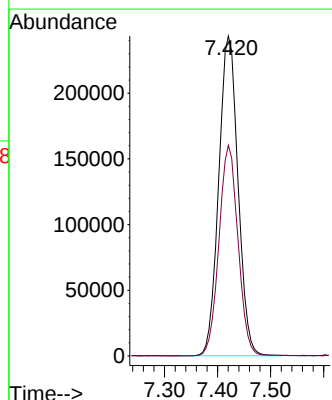
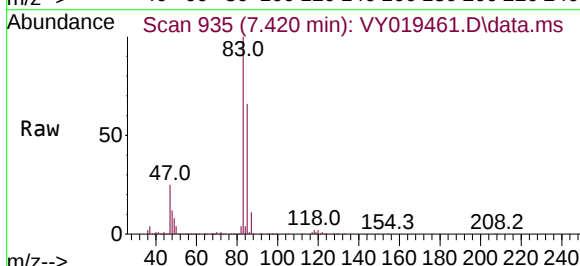
RT: 7.420 min Scan# 935

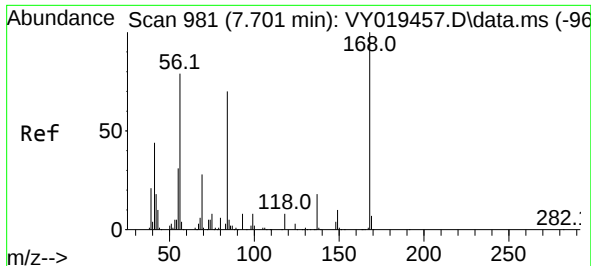
Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Tgt Ion:	83	Resp:	614364
Ion Ratio	100	Lower	Upper
83	100		
85	65.8	52.2	78.4

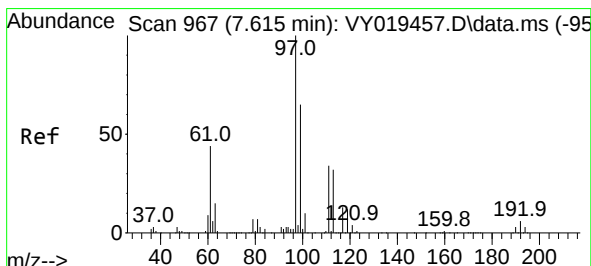
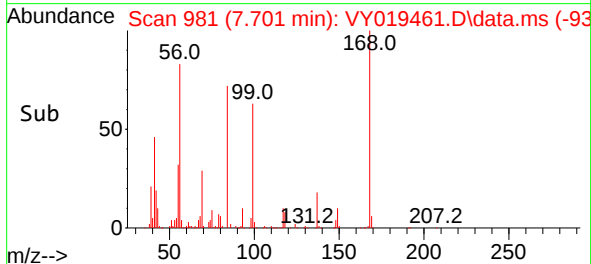
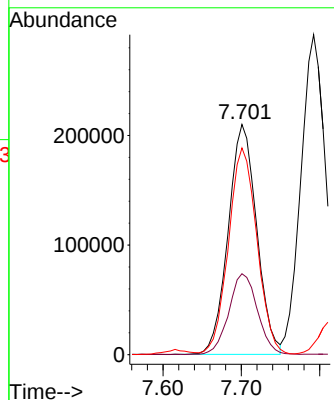
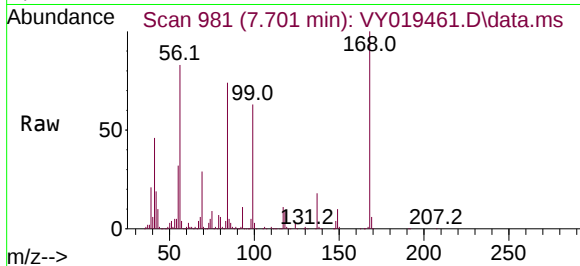




#31
Cyclohexane
Concen: 47.853 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

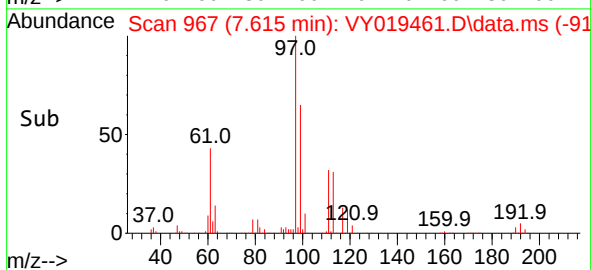
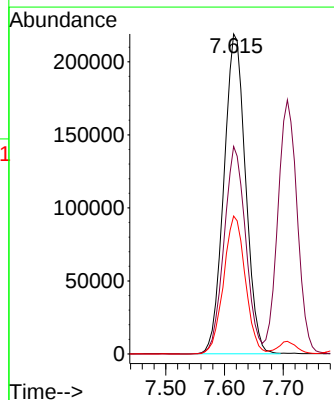
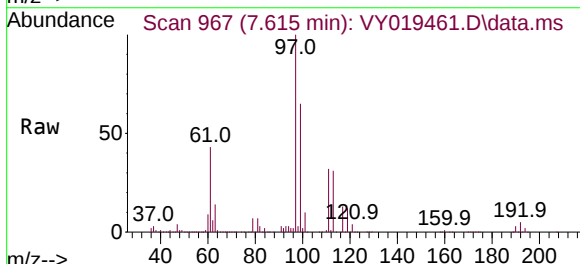
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 530851
Ion Ratio Lower Upper
56 100
69 35.1 28.7 43.1
84 88.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.958 ug/l
RT: 7.615 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 97 Resp: 561015
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 43.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.557 ug/l

RT: 8.060 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

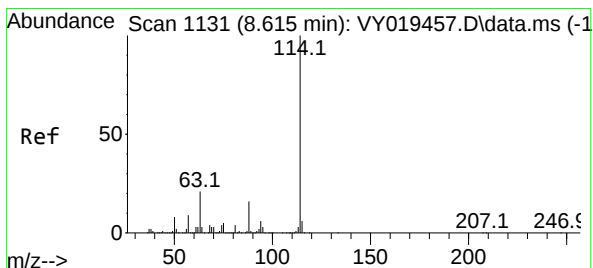
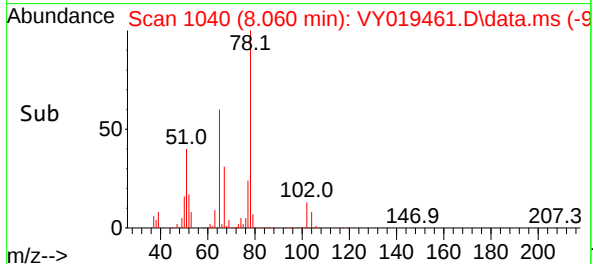
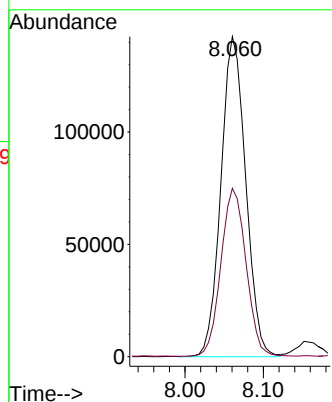
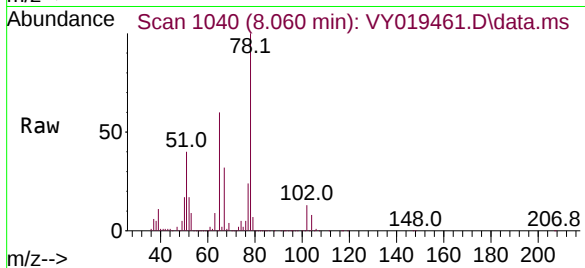
ClientSampleId :

Tgt Ion: 65 Resp: 313377

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

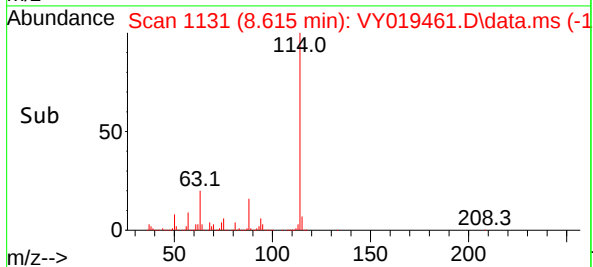
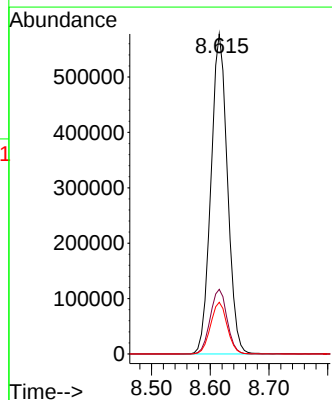
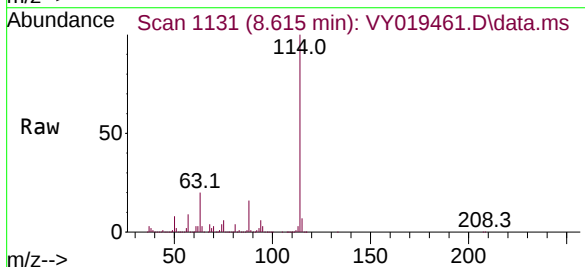
Tgt Ion:114 Resp: 1126255

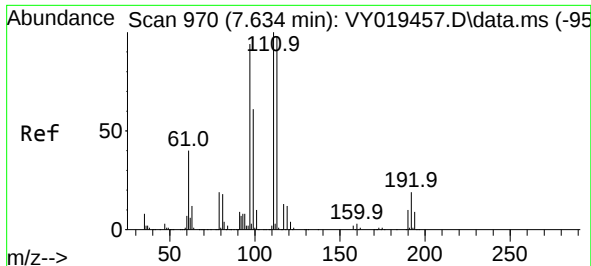
Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

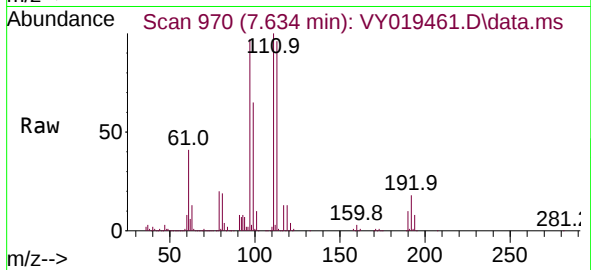
88 16.1 0.0 27.2



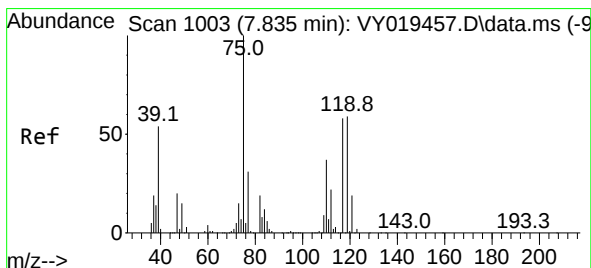
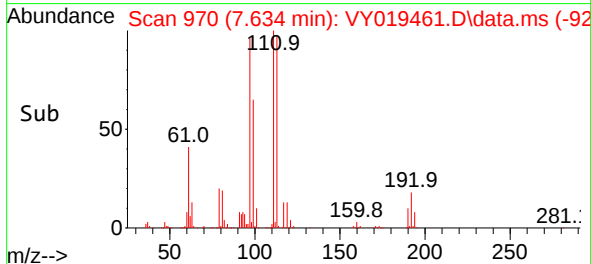
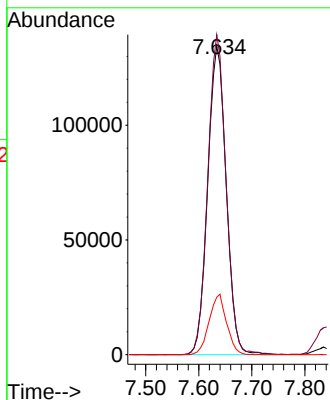


#35
Dibromofluoromethane
Concen: 51.049 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :

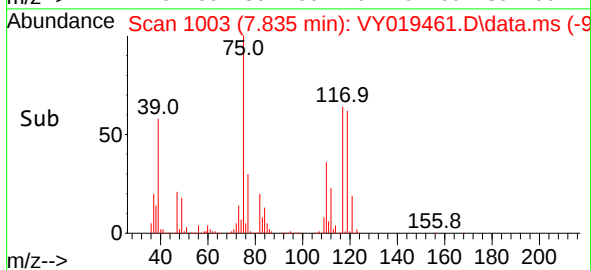
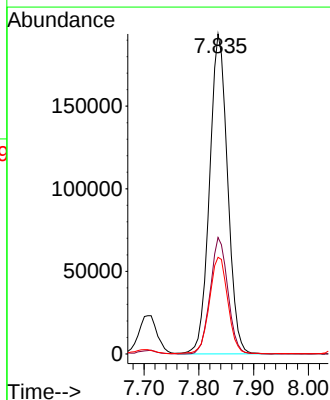
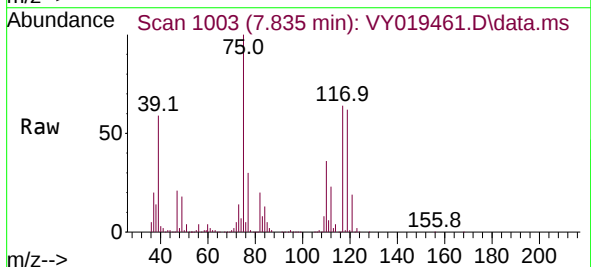


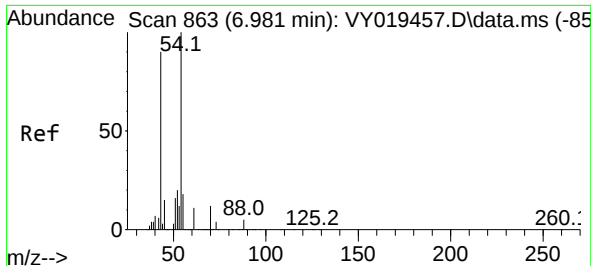
Tgt Ion:113 Resp: 325982
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.947 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 75 Resp: 442679
Ion Ratio Lower Upper
75 100
110 35.6 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 48.335 ug/l

RT: 6.981 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

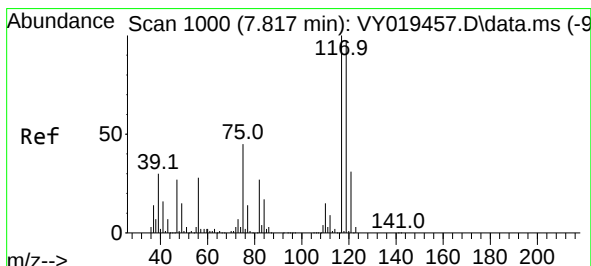
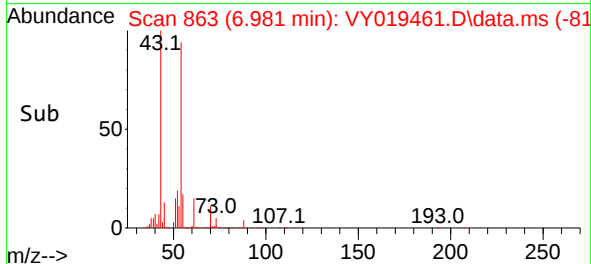
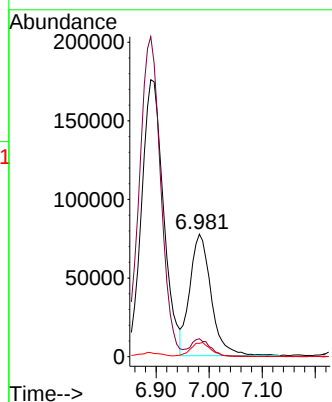
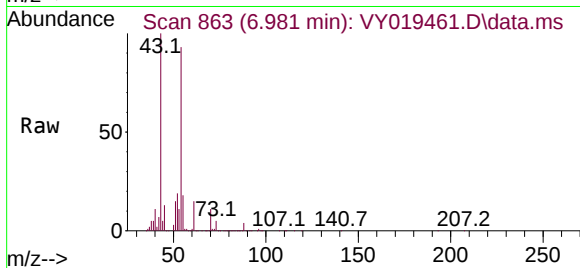
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 215190

Ion	Ratio	Lower	Upper
43	100		
61	13.6	12.6	19.0
70	10.4	7.8	11.8



#38

Carbon Tetrachloride

Concen: 50.337 ug/l

RT: 7.817 min Scan# 1000

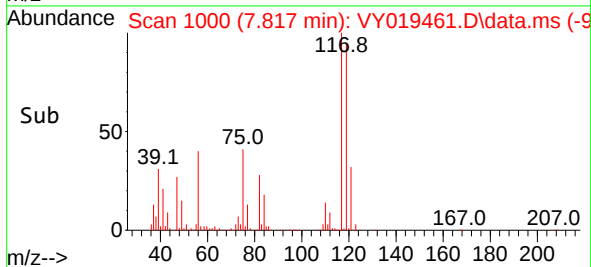
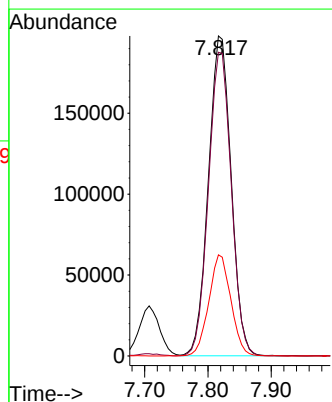
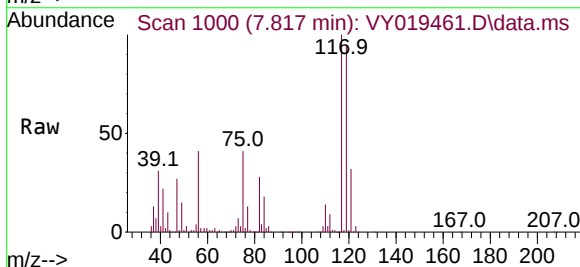
Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Tgt Ion: 117 Resp: 493229

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.6
121	31.6	24.0	36.0





#39

Methylcyclohexane

Concen: 50.533 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

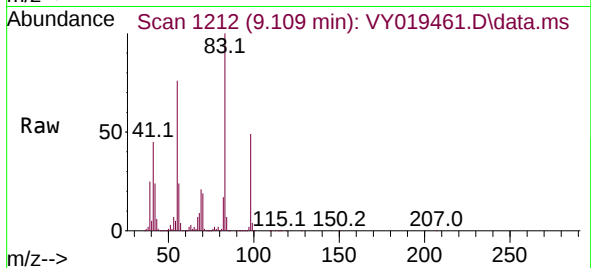
Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :



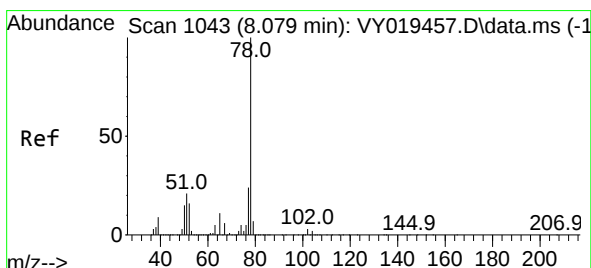
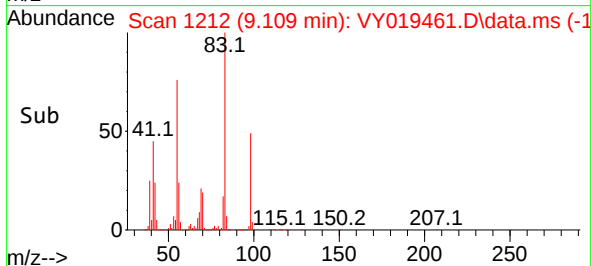
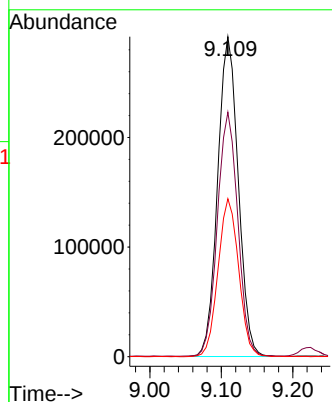
Tgt Ion: 83 Resp: 584329

Ion Ratio Lower Upper

83 100

55 76.3 51.5 77.3

98 49.4 40.5 60.7



#40

Benzene

Concen: 49.852 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019461.D

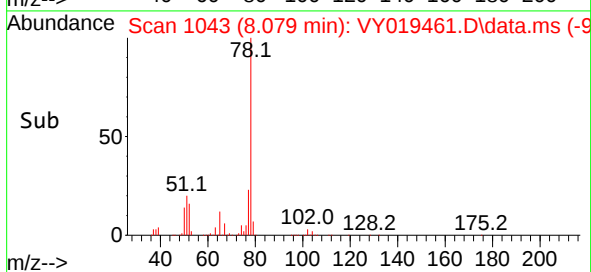
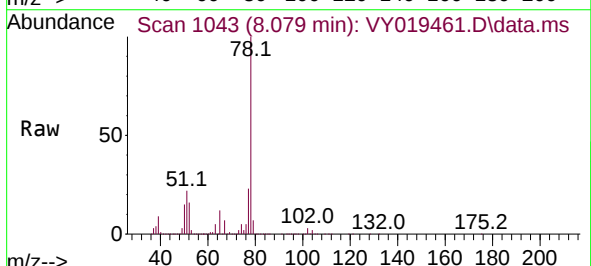
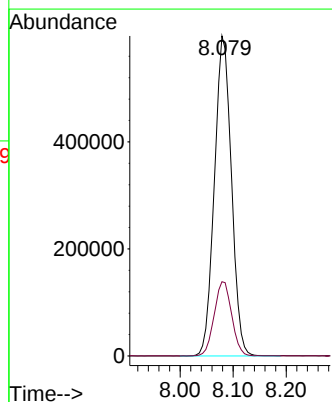
Acq: 09 Sep 2024 13:05

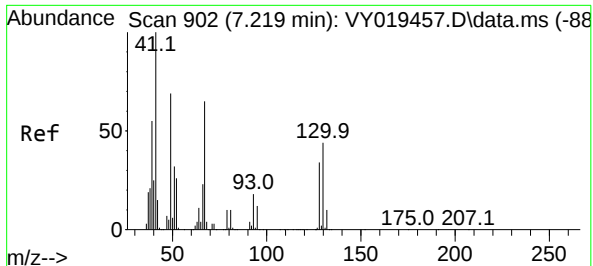
Tgt Ion: 78 Resp: 1334173

Ion Ratio Lower Upper

78 100

77 23.2 19.5 29.3

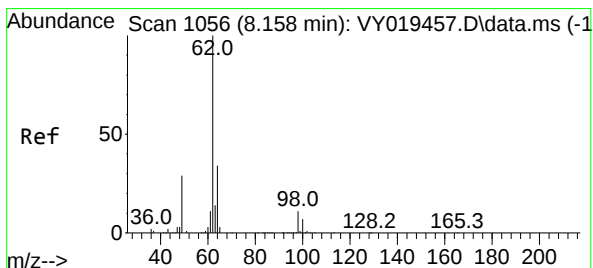
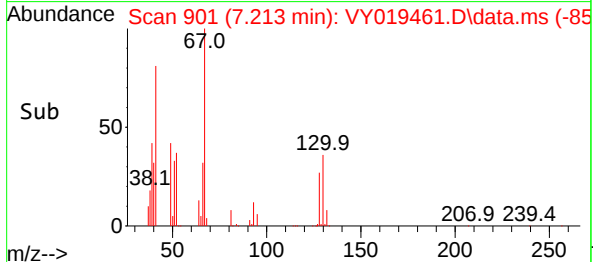
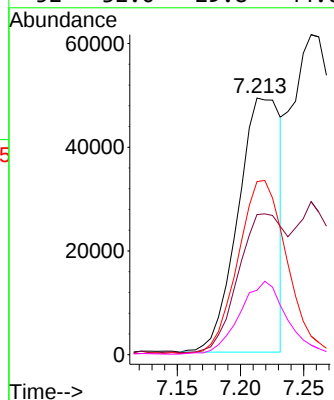
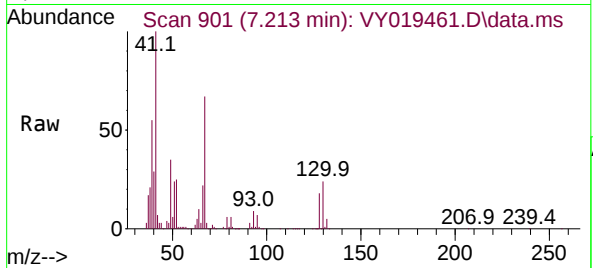




#41
Methacrylonitrile
Concen: 44.086 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

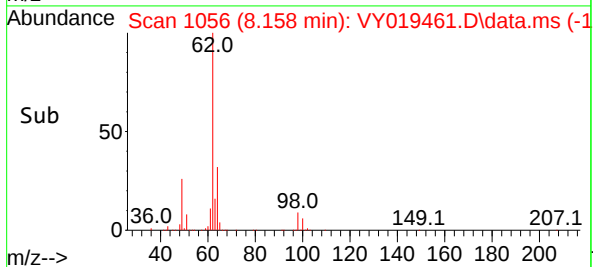
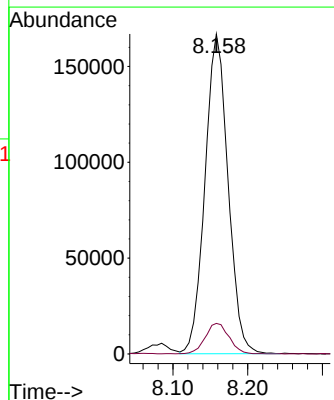
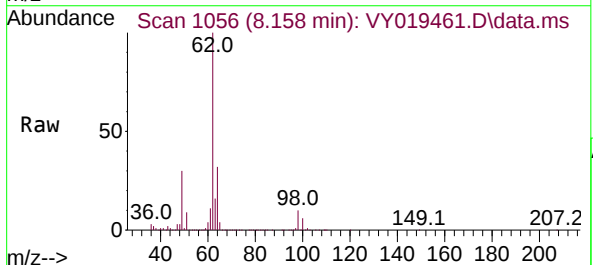
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 114413
Ion Ratio Lower Upper
41 100
39 61.0 48.0 72.0
67 78.9 75.1 112.7
52 32.0 29.8 44.6



#42
1,2-Dichloroethane
Concen: 49.734 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 62 Resp: 358158
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 47.636 ug/l

RT: 8.195 min Scan# 1

Delta R.T. 0.000 min

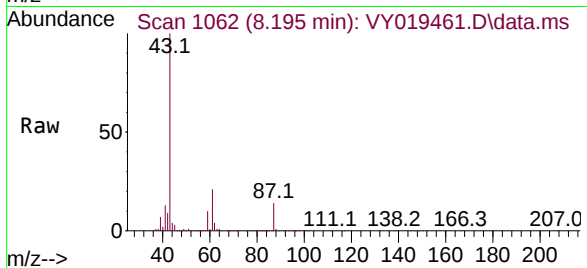
Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

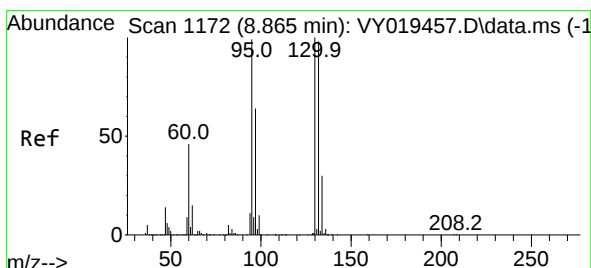
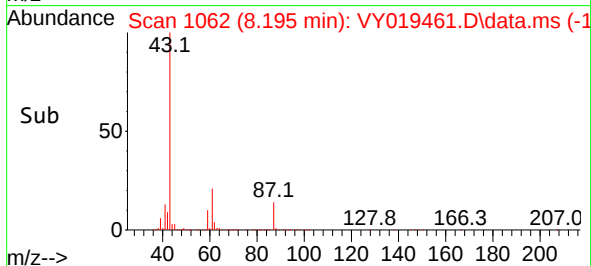
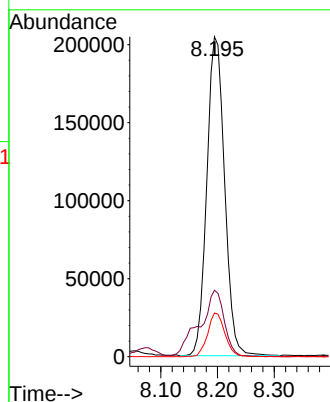
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 445561
Ion Ratio	Lower Upper
43 100	
61 28.9	27.9 41.9
87 13.3	13.1 19.7



#44

Trichloroethene

Concen: 50.644 ug/l

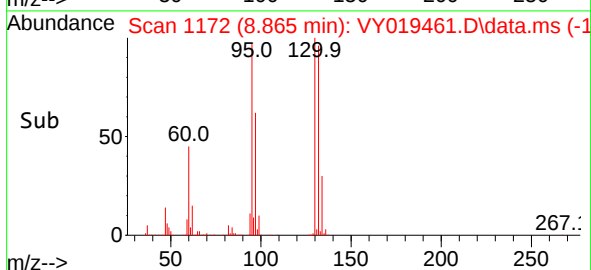
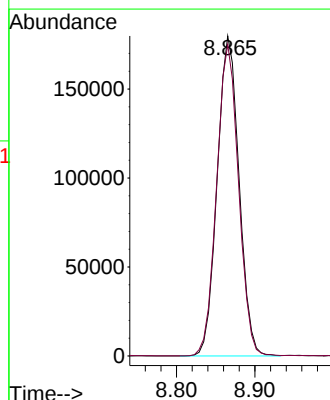
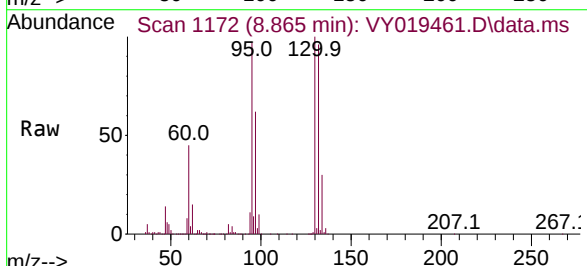
RT: 8.865 min Scan# 1172

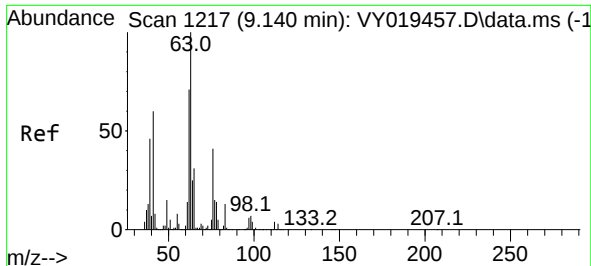
Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Tgt Ion:130	Resp: 348574
Ion Ratio	Lower Upper
130 100	
95 97.3	0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.179 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

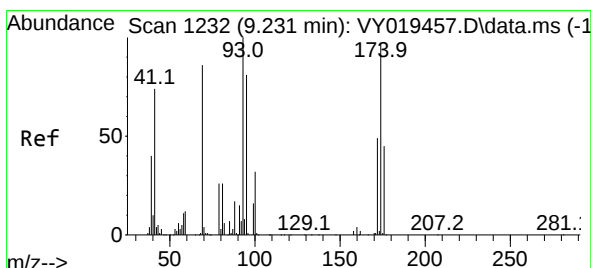
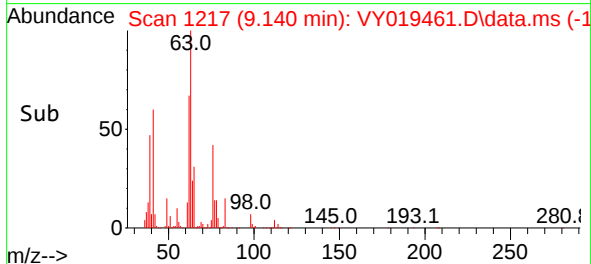
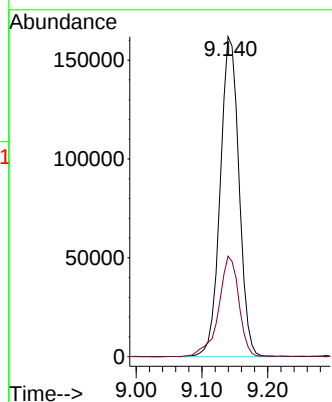
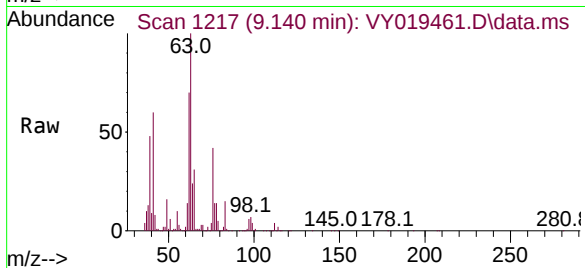
ClientSampleId :

Tgt Ion: 63 Resp: 321769

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2



#46

Dibromomethane

Concen: 49.130 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

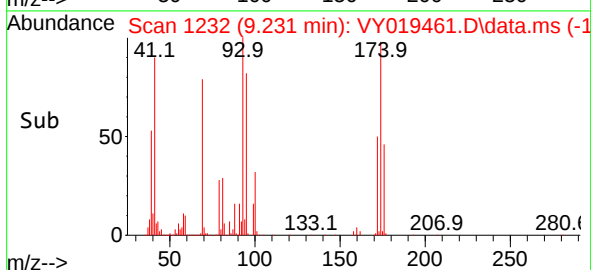
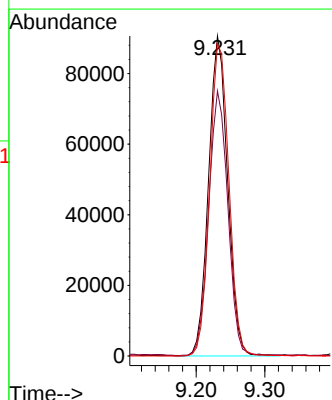
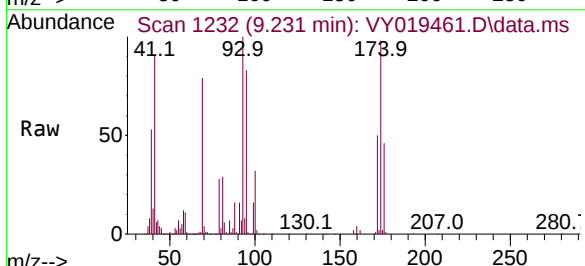
Tgt Ion: 93 Resp: 175785

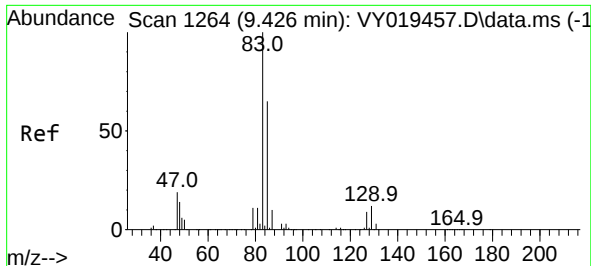
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 97.8 80.9 121.3

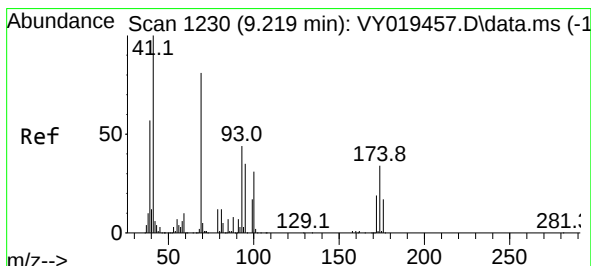
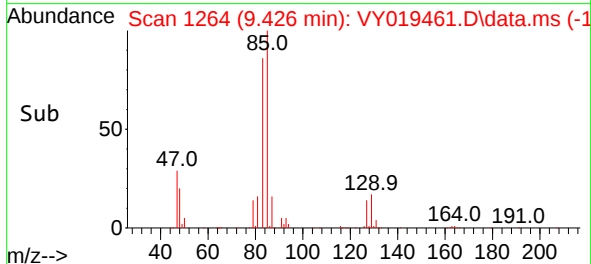
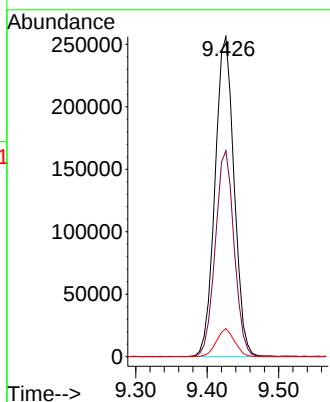
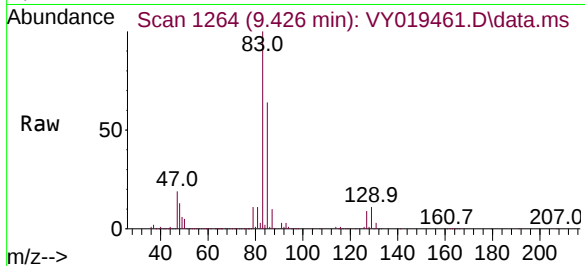




#47
 Bromodichloromethane
 Concen: 49.177 ug/l
 RT: 9.426 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

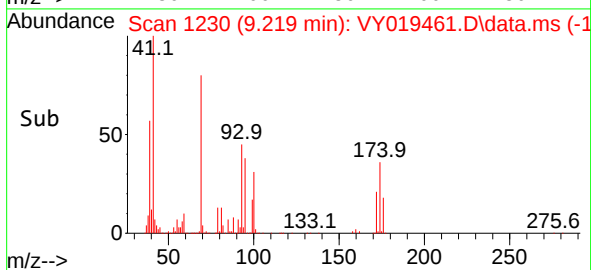
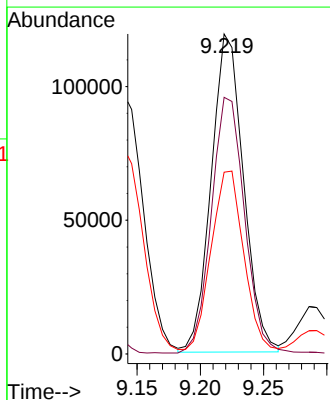
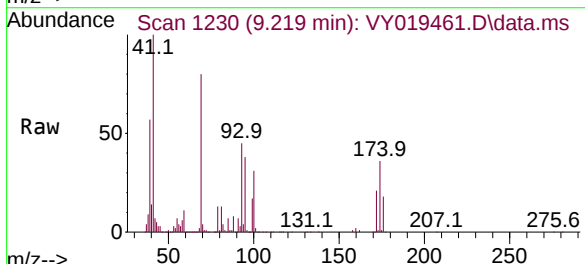
Instrument :
 MSVOA_Y
 ClientSampleId :

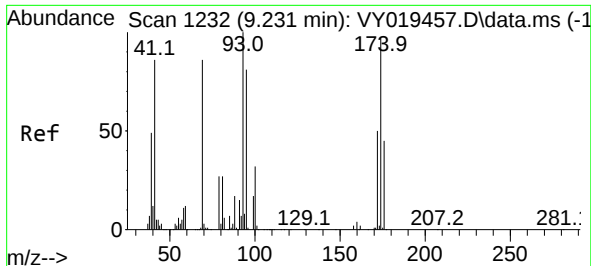
Tgt Ion: 83 Resp: 472974
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.1 75.1
 127 8.8 7.4 11.0



#48
 Methyl methacrylate
 Concen: 47.932 ug/l
 RT: 9.219 min Scan# 1230
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

Tgt Ion: 41 Resp: 211714
 Ion Ratio Lower Upper
 41 100
 69 82.7 84.1 126.1#
 39 56.4 43.6 65.4





#49

1,4-Dioxane

Concen: 923.689 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

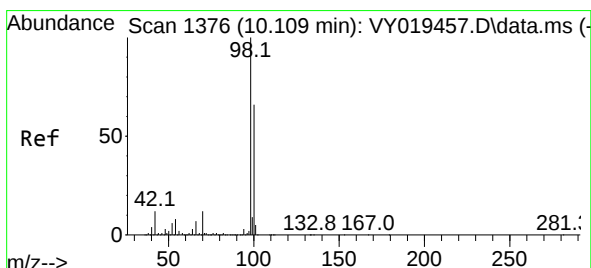
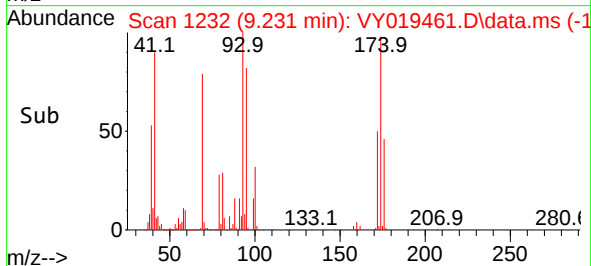
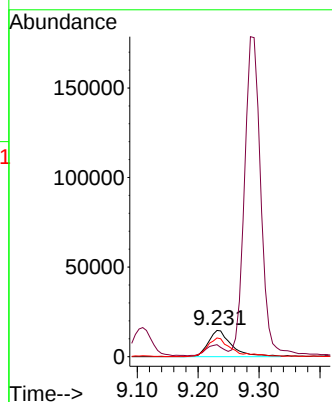
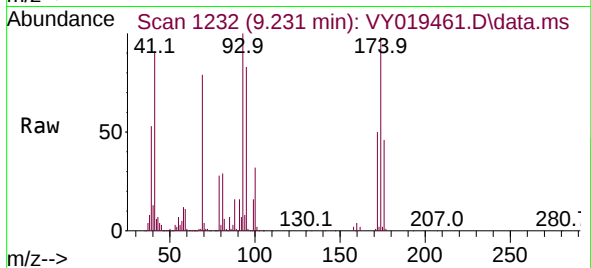
Tgt Ion: 88 Resp: 38906

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 73.4 49.3 73.9



#50

Toluene-d8

Concen: 51.380 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019461.D

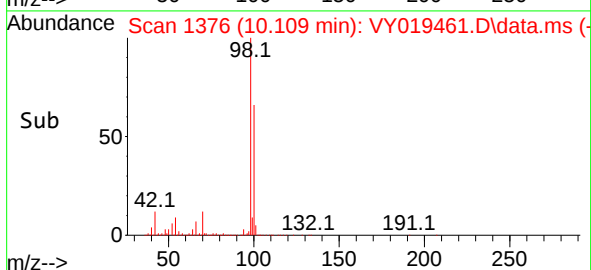
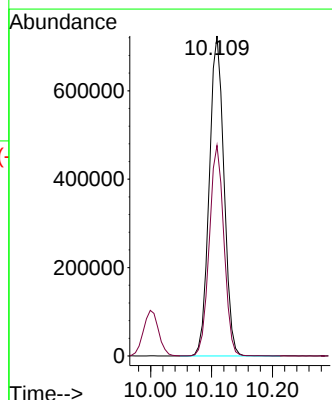
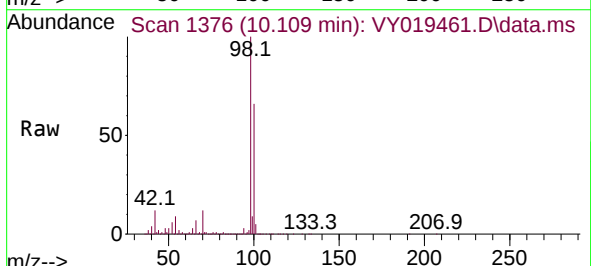
Acq: 09 Sep 2024 13:05

Tgt Ion: 98 Resp: 1213541

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 235.784 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

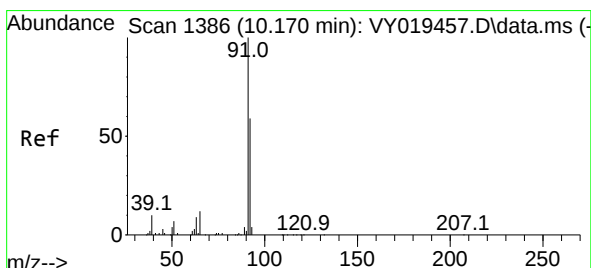
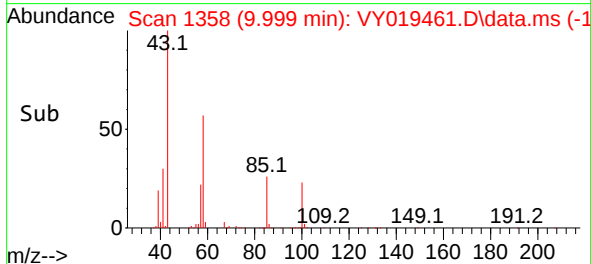
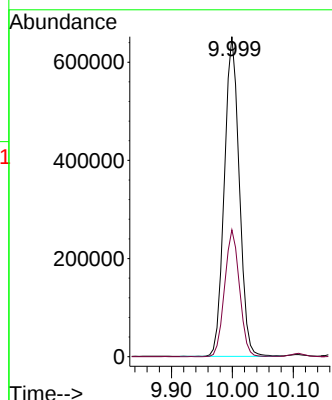
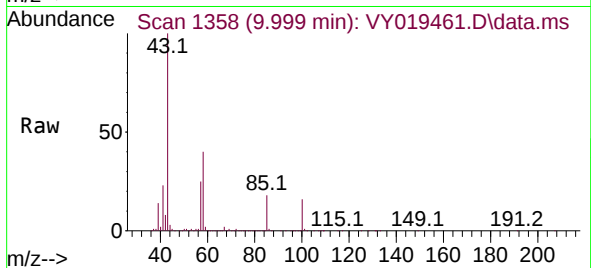
ClientSampleId :

Tgt Ion: 43 Resp: 1109510

Ion Ratio Lower Upper

43 100

58 39.4 35.7 53.5



#52

Toluene

Concen: 50.008 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019461.D

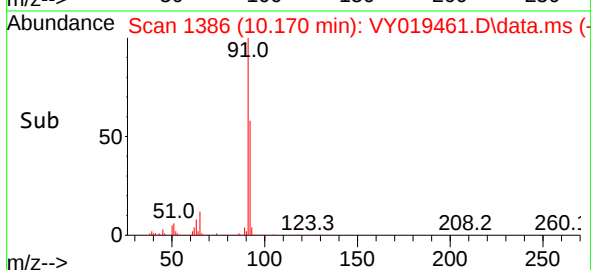
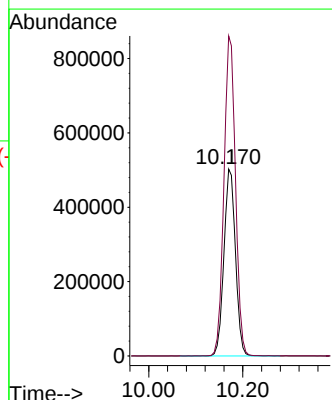
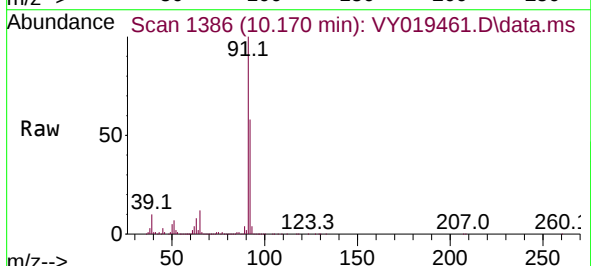
Acq: 09 Sep 2024 13:05

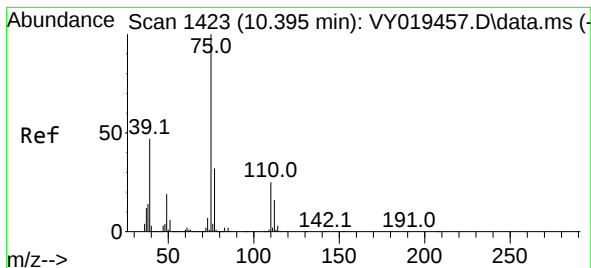
Tgt Ion: 92 Resp: 860746

Ion Ratio Lower Upper

92 100

91 171.2 139.0 208.6

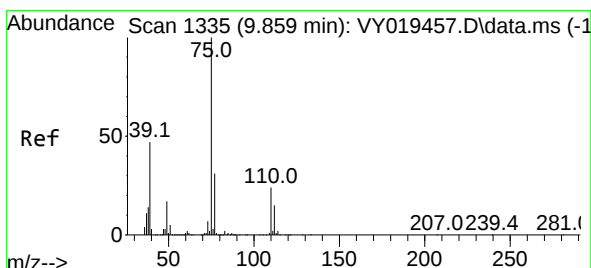
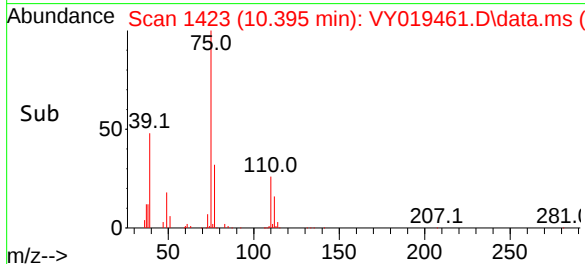
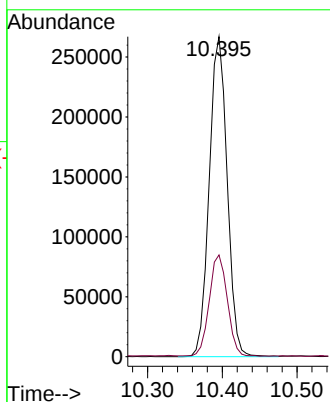
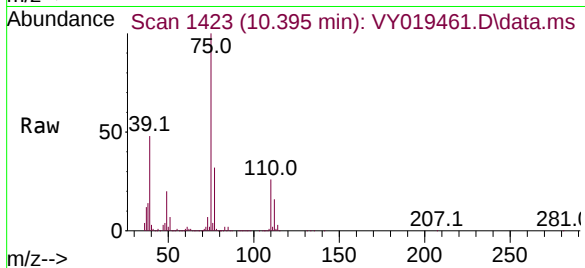




#53
 t-1,3-Dichloropropene
 Concen: 48.568 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

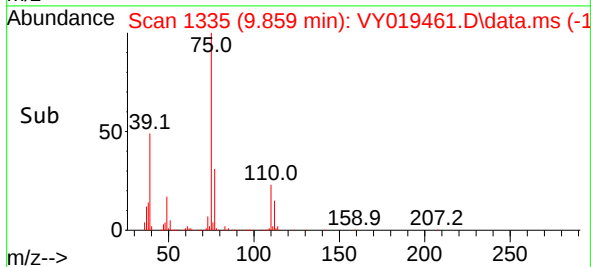
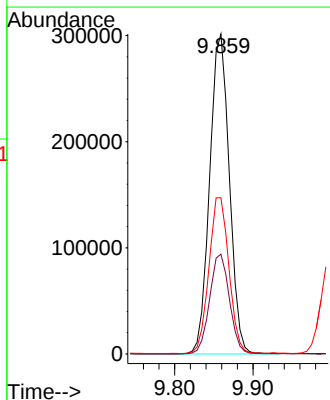
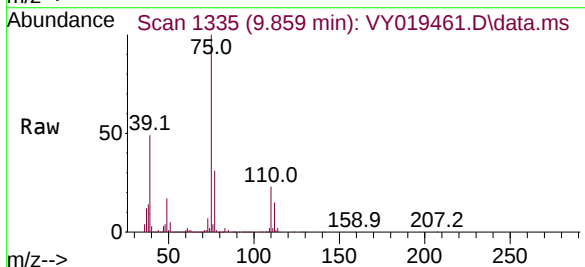
Instrument :
 MSVOA_Y
 ClientSampleId :

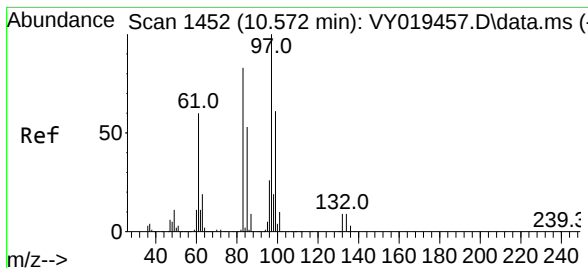
Tgt Ion: 75 Resp: 445283
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 49.182 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019461.D
 Acq: 09 Sep 2024 13:05

Tgt Ion: 75 Resp: 525049
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 48.6 29.8 44.6#



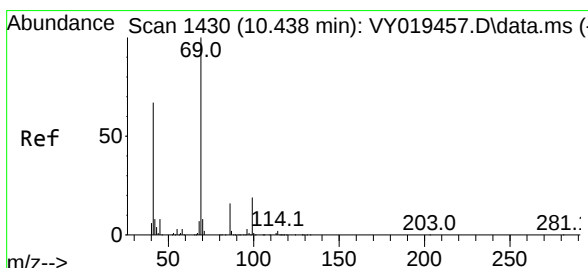
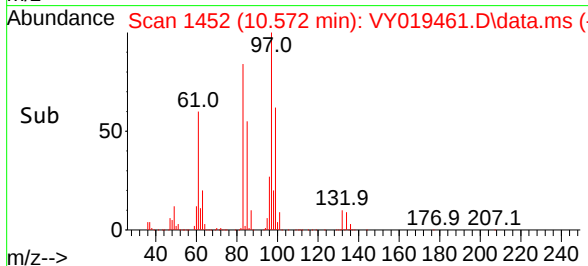
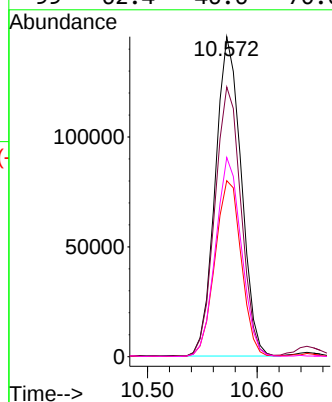
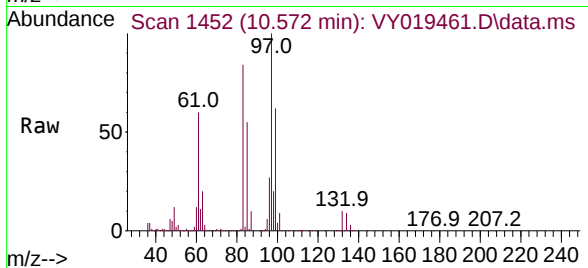


#55
1,1,2-Trichloroethane
Concen: 48.381 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 239048

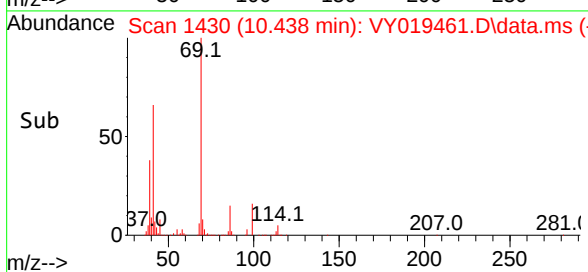
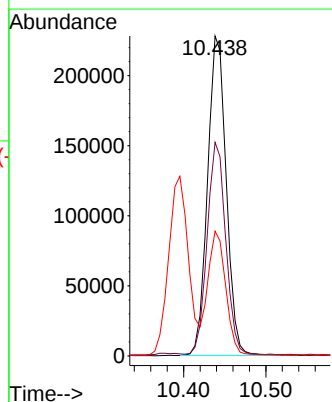
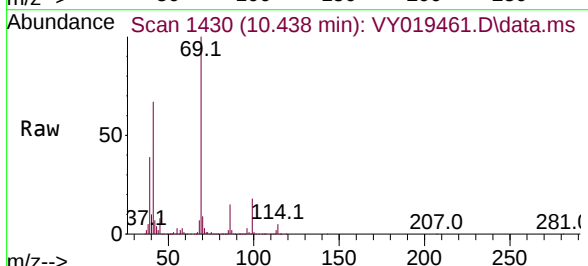
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.5	101.3
85	55.0	42.9	64.3
99	62.4	46.6	70.0

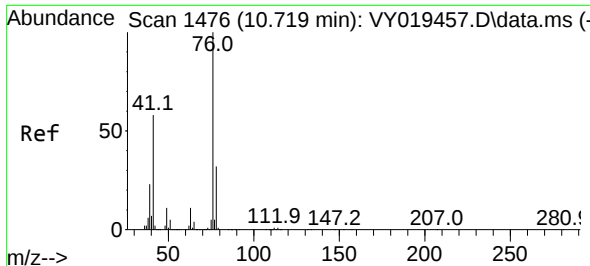


#56
Ethyl methacrylate
Concen: 47.948 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 69 Resp: 359884

Ion	Ratio	Lower	Upper
69	100		
41	66.0	42.3	63.5#
39	37.2	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 48.114 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

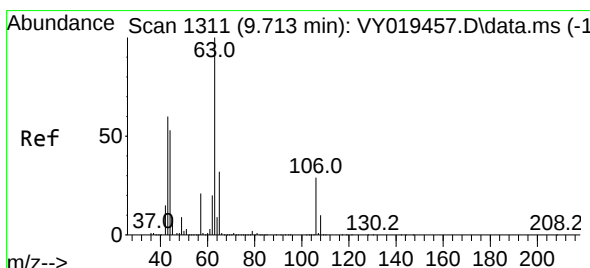
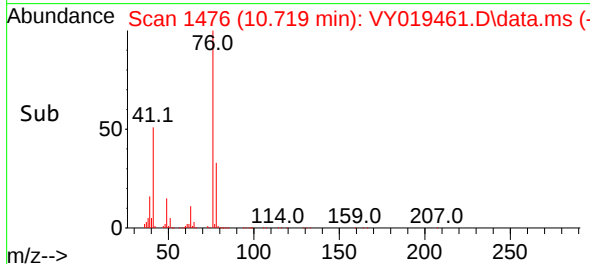
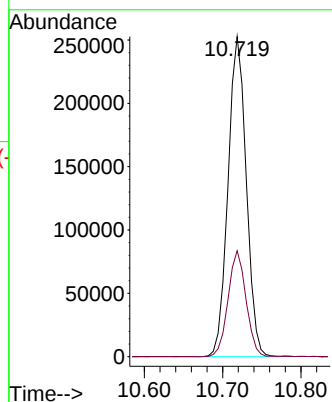
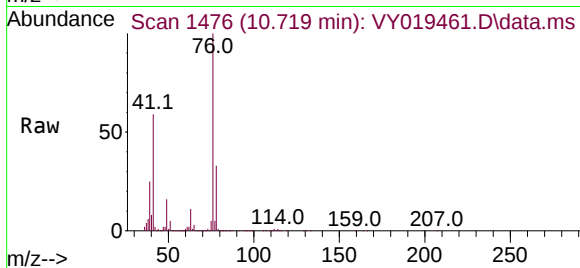
ClientSampleId :

Tgt Ion: 76 Resp: 408643

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.891 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019461.D

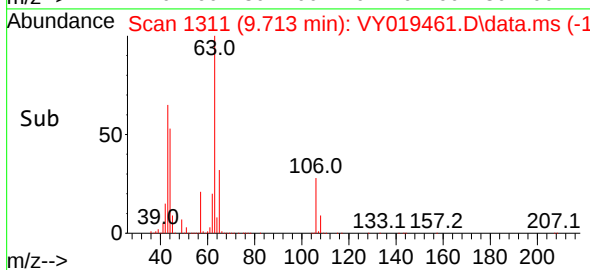
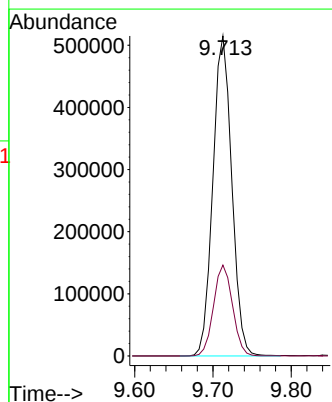
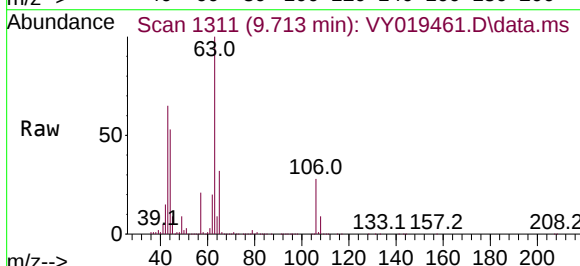
Acq: 09 Sep 2024 13:05

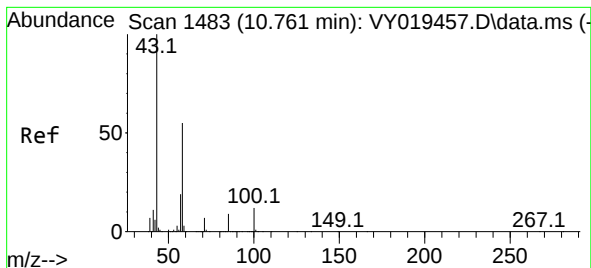
Tgt Ion: 63 Resp: 863557

Ion Ratio Lower Upper

63 100

106 28.6 23.7 35.5

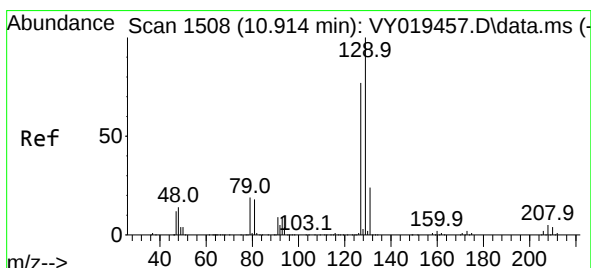
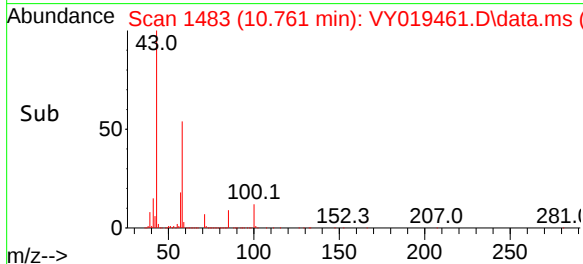
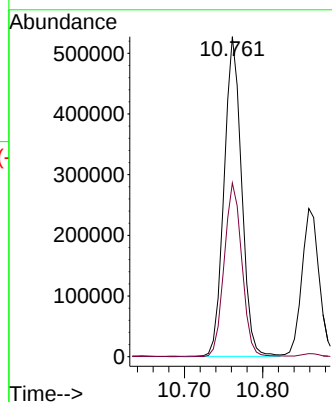
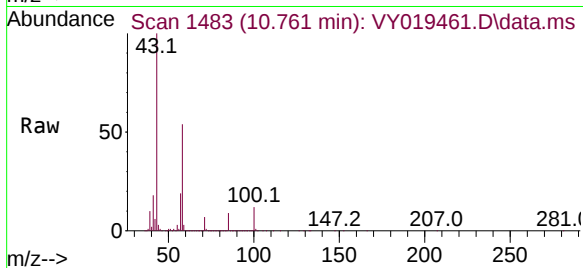




#59
2-Hexanone
Concen: 237.782 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

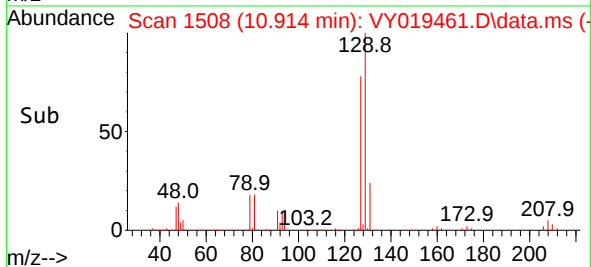
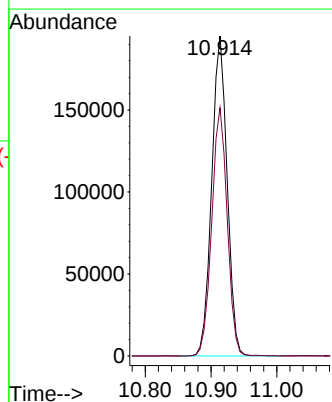
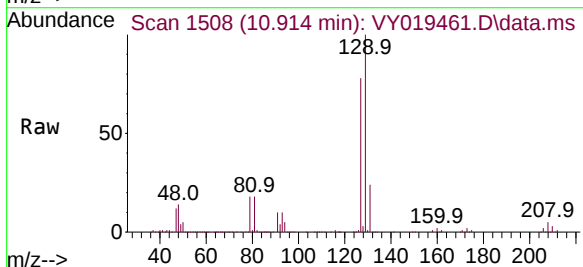
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 820311
Ion Ratio Lower Upper
43 100
58 54.8 31.4 94.0



#60
Dibromochloromethane
Concen: 48.741 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 129 Resp: 318573
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

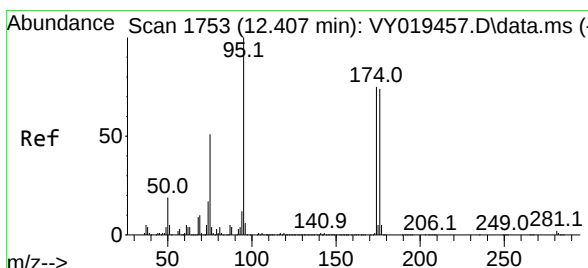
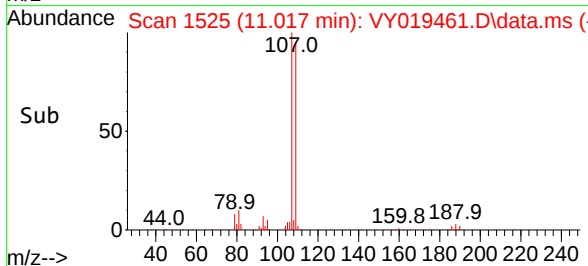
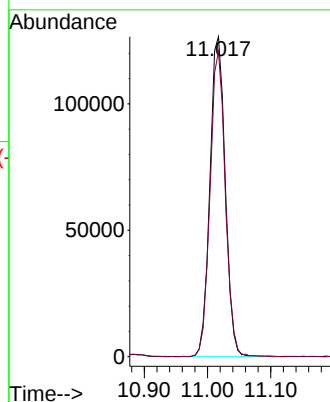
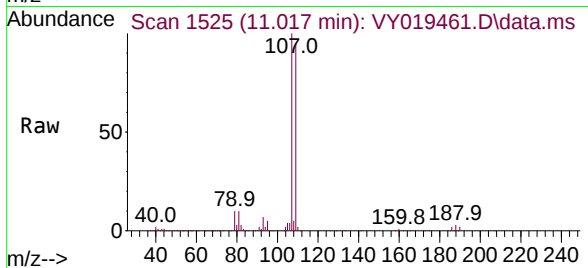




#61
1,2-Dibromoethane
Concen: 46.355 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

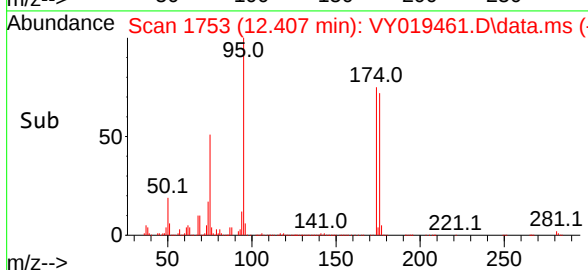
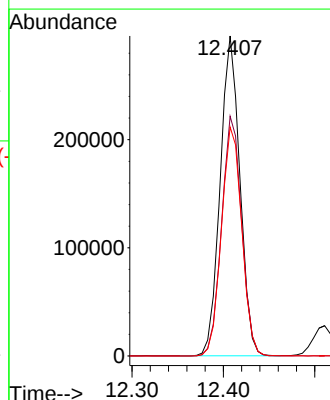
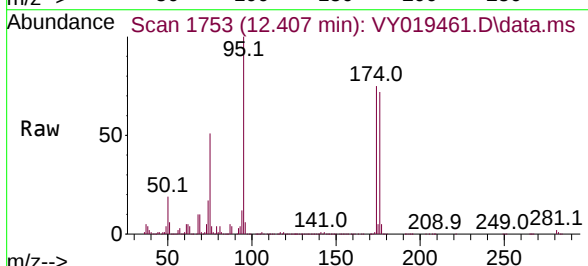
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 213408
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.866 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 95 Resp: 443783
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

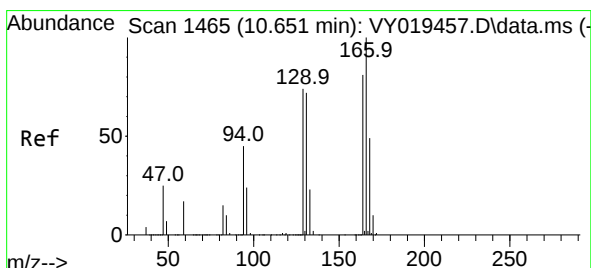
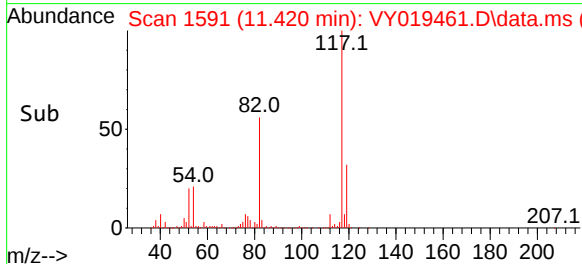
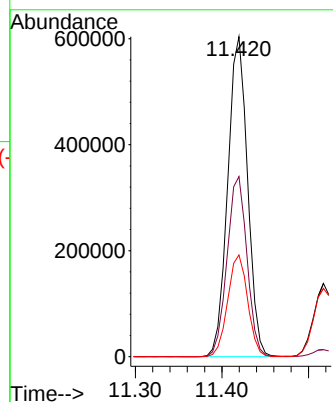
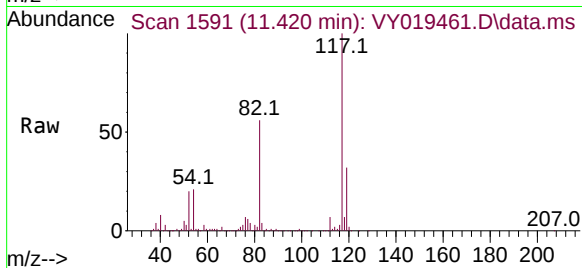
Tgt Ion:117 Resp: 959646

Ion Ratio Lower Upper

117 100

82 56.3 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 49.631 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Tgt Ion:164 Resp: 294936

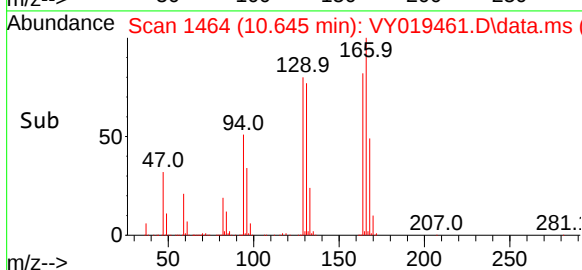
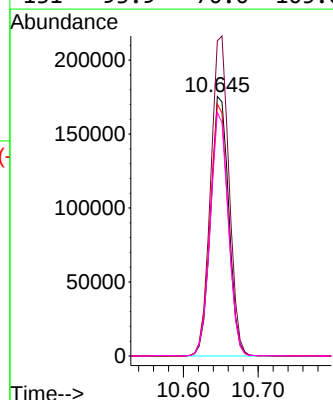
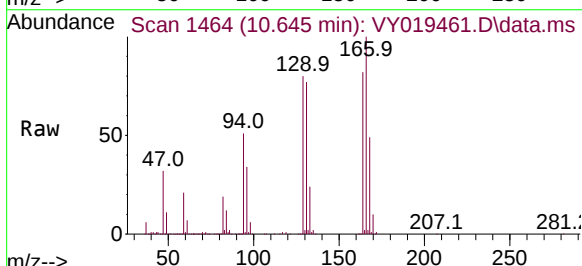
Ion Ratio Lower Upper

164 100

166 121.5 102.6 154.0

129 97.1 72.0 108.0

131 93.9 70.0 105.0

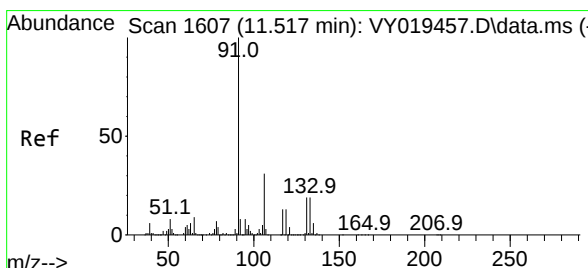
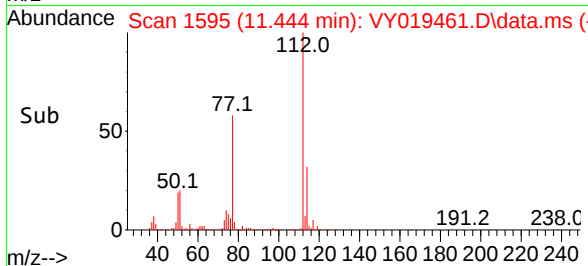
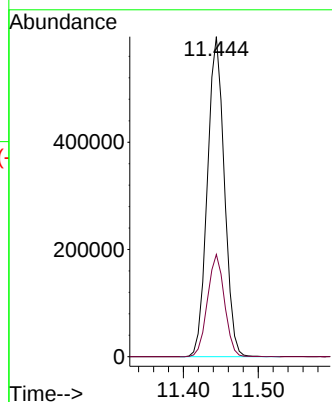
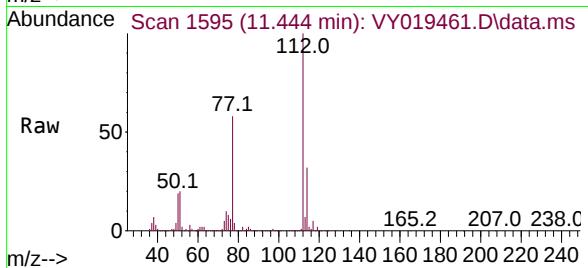




#65
Chlorobenzene
Concen: 49.777 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

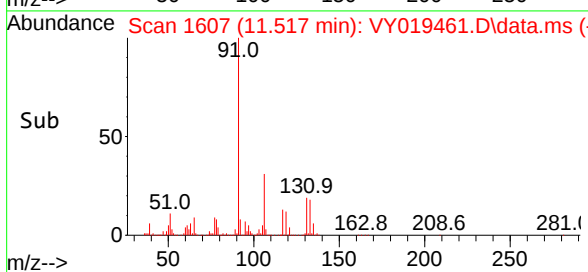
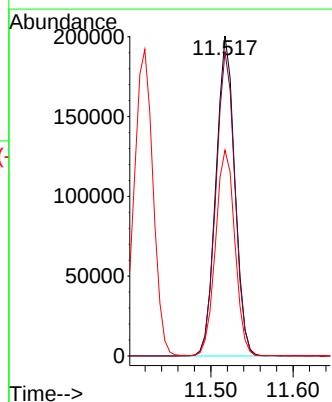
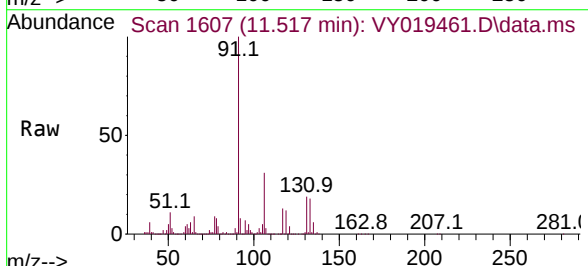
Instrument :
MSVOA_Y
ClientSampleId :

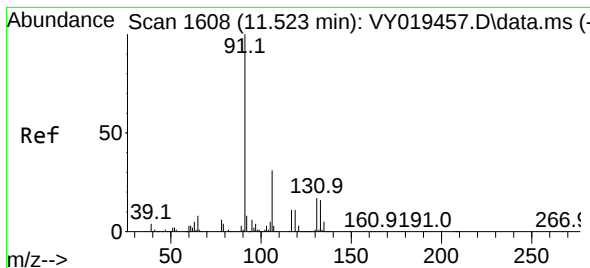
Tgt Ion:112 Resp: 939640
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.840 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion:131 Resp: 319207
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 66.3 34.1 102.2

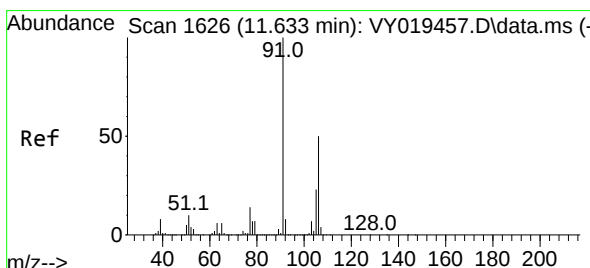
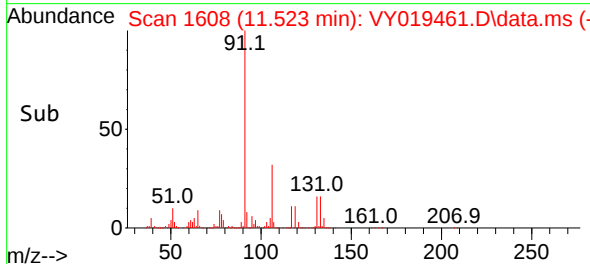
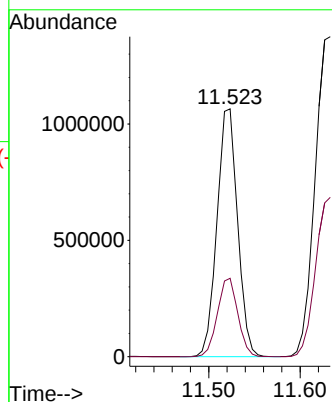
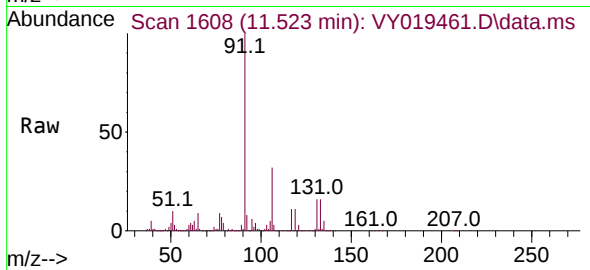




#67
Ethyl Benzene
Concen: 49.771 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

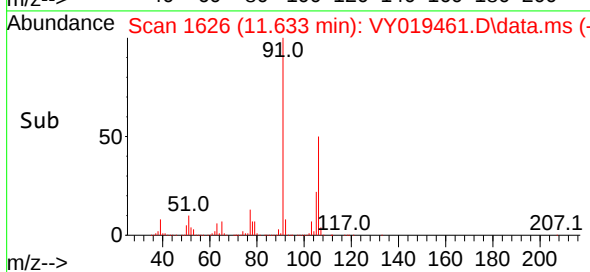
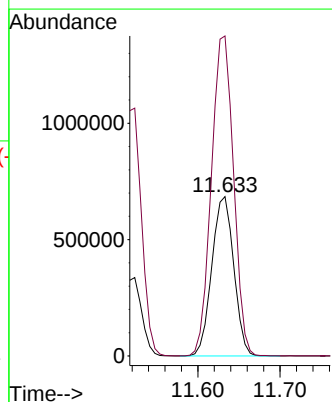
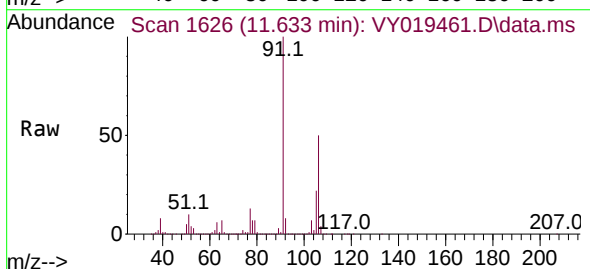
Instrument :
MSVOA_Y
ClientSampleId :

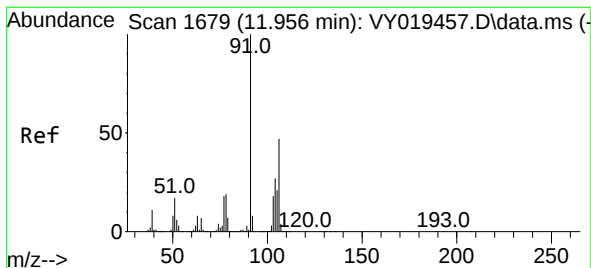
Tgt Ion: 91 Resp: 1669355
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 100.075 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 106 Resp: 1269209
Ion Ratio Lower Upper
106 100
91 203.2 156.0 234.0





#69

o-Xylene

Concen: 49.191 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

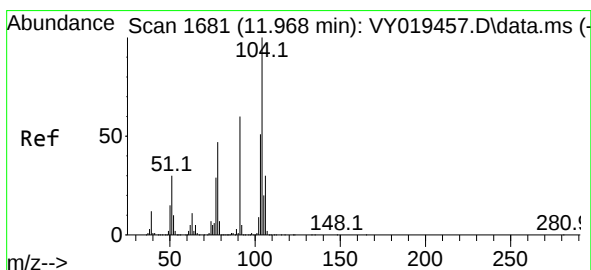
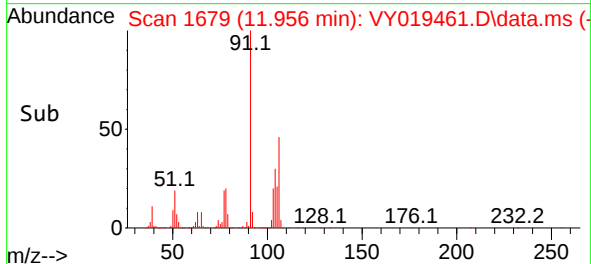
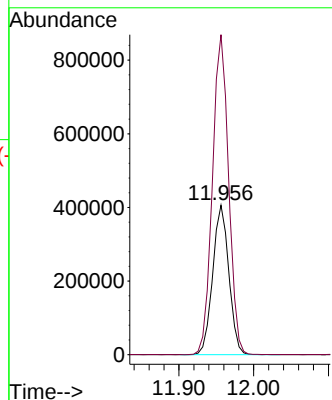
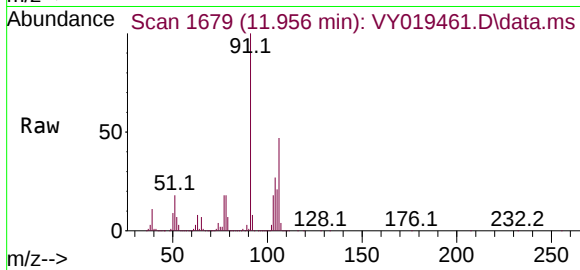
ClientSampleId :

Tgt Ion:106 Resp: 610122

Ion Ratio Lower Upper

106 100

91 214.6 103.6 310.8



#70

Styrene

Concen: 49.499 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

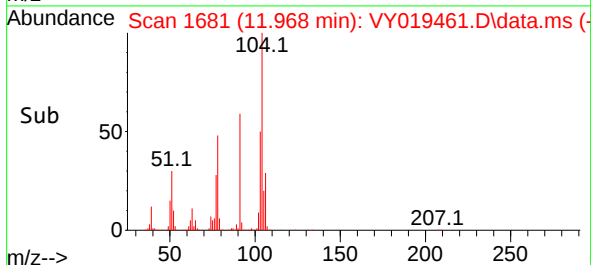
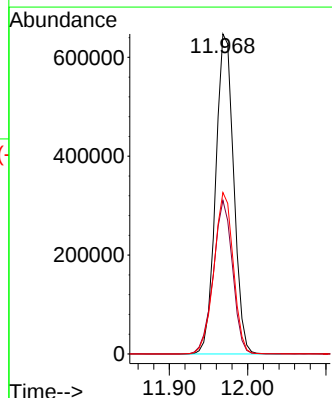
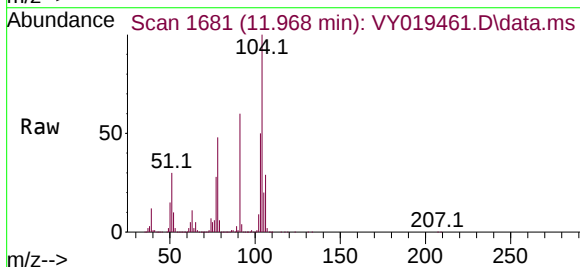
Tgt Ion:104 Resp: 1036560

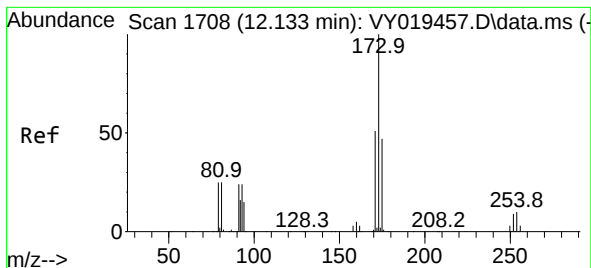
Ion Ratio Lower Upper

104 100

78 50.9 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 47.659 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

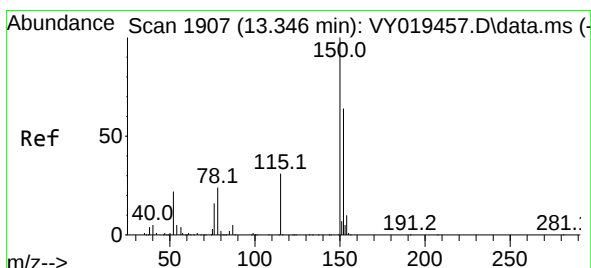
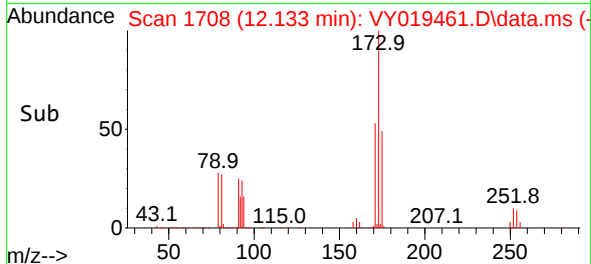
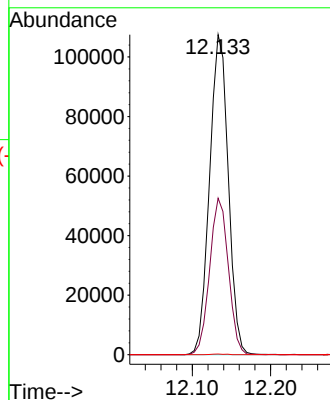
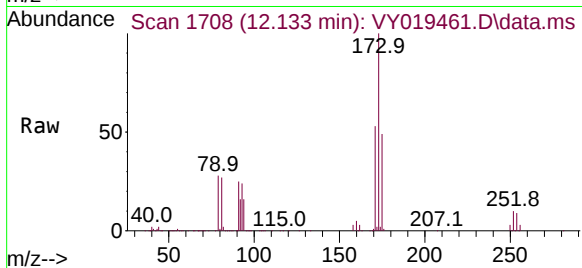
Tgt Ion:173 Resp: 177914

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

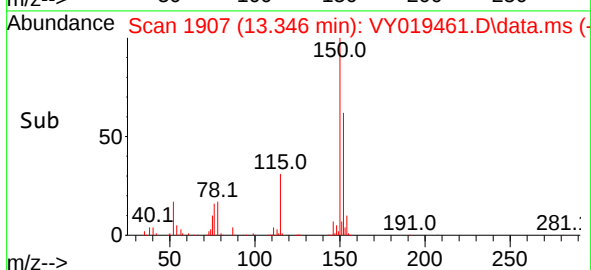
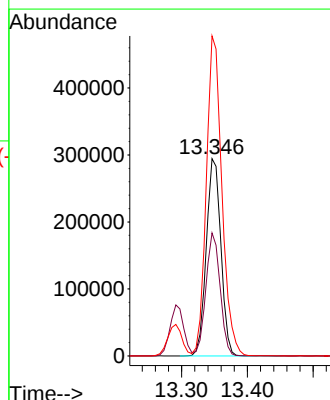
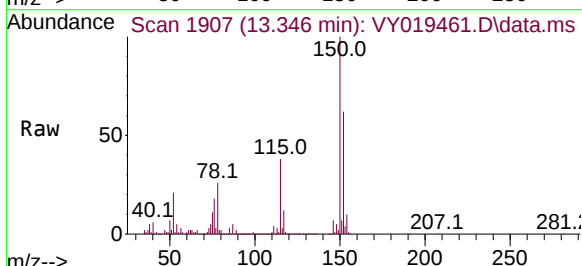
Tgt Ion:152 Resp: 455056

Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 173.0 0.0 345.6





#73

Isopropylbenzene

Concen: 49.038 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

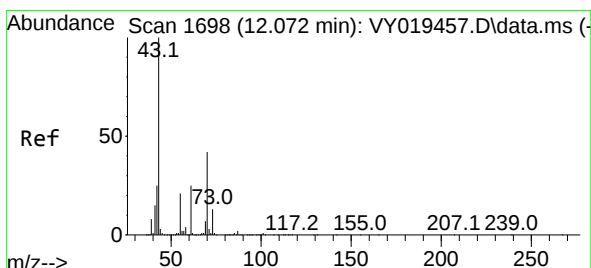
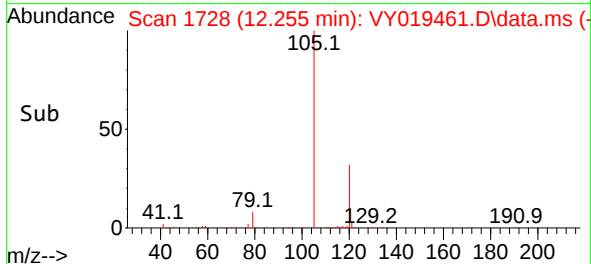
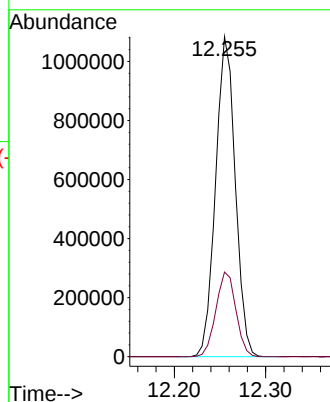
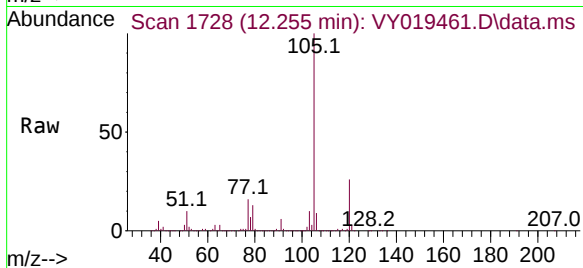
ClientSampleId :

Tgt Ion:105 Resp: 1618874

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 47.949 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Tgt Ion: 43 Resp: 430506

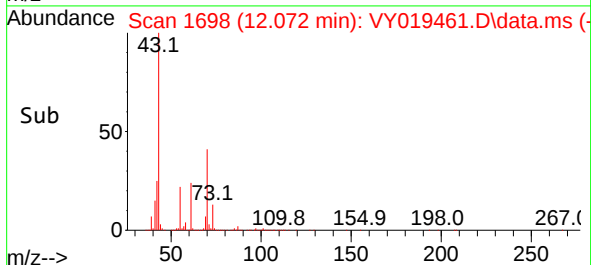
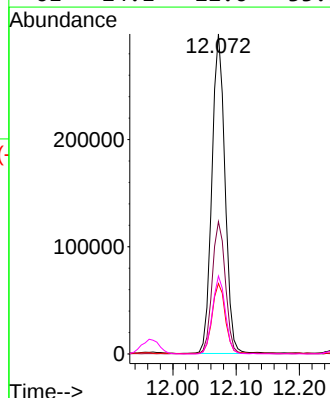
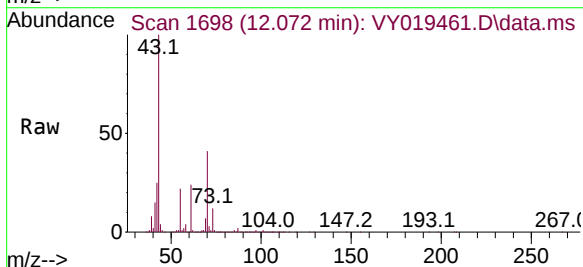
Ion Ratio Lower Upper

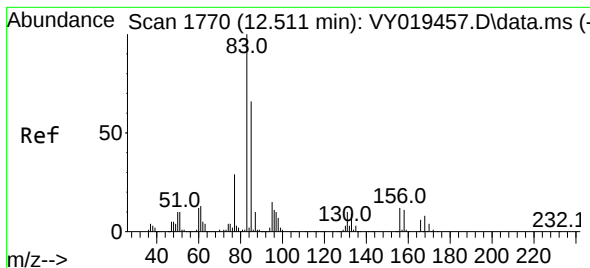
43 100

70 41.8 41.4 62.2

55 21.9 23.3 34.9#

61 24.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.687 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

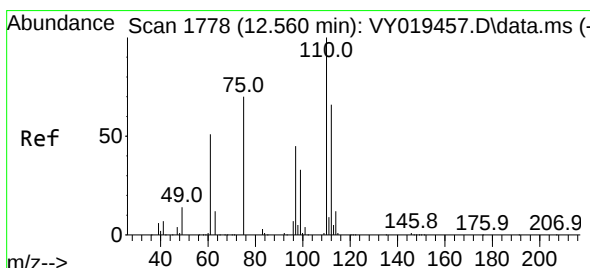
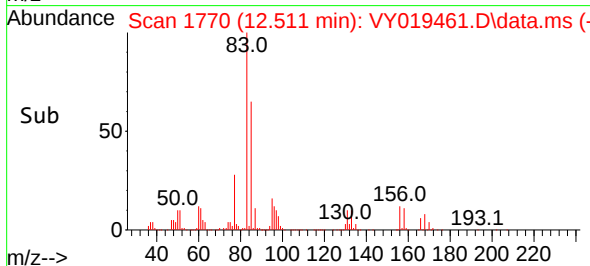
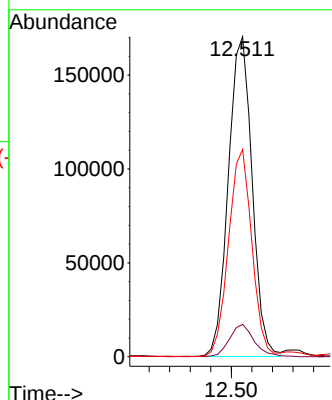
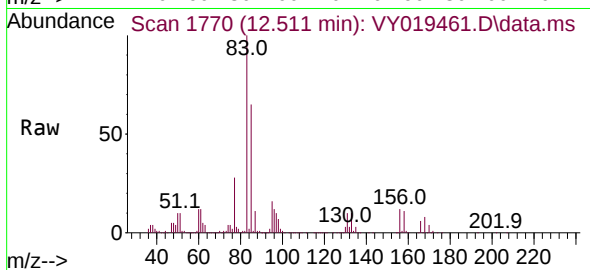
Tgt Ion: 83 Resp: 273569

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 84.959 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019461.D

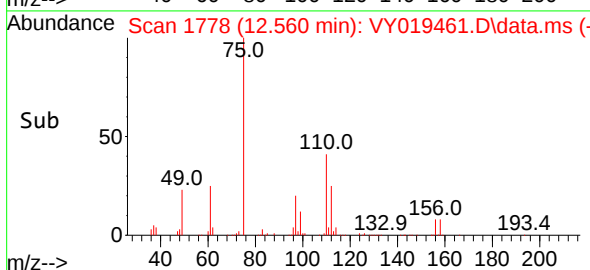
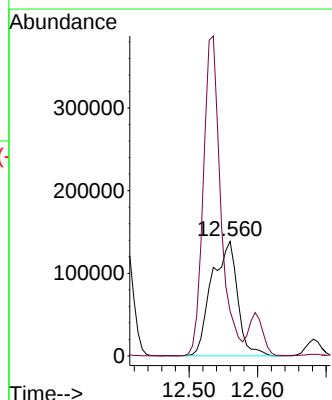
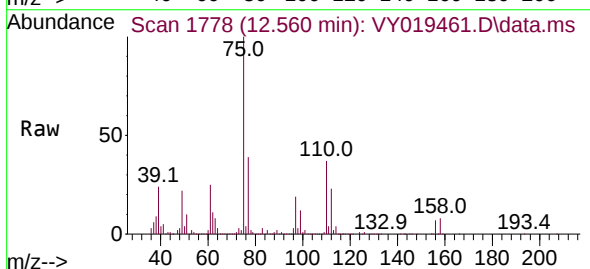
Acq: 09 Sep 2024 13:05

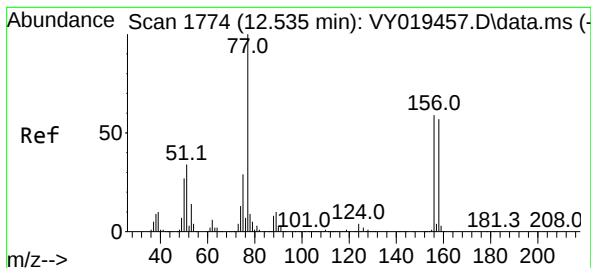
Tgt Ion: 75 Resp: 362369

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.440 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

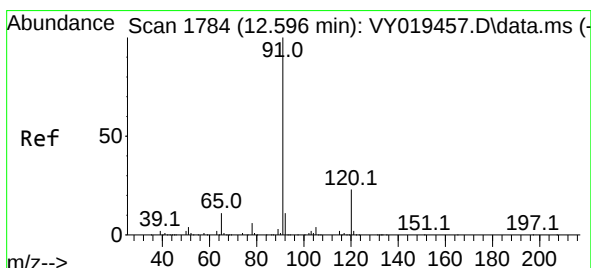
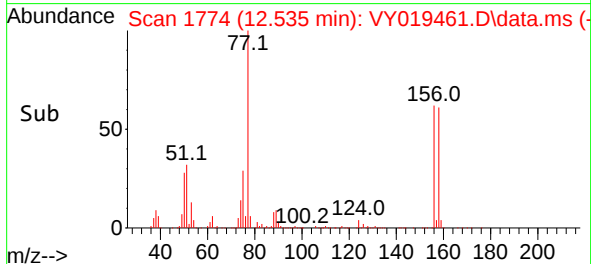
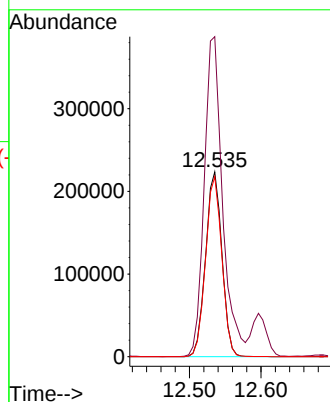
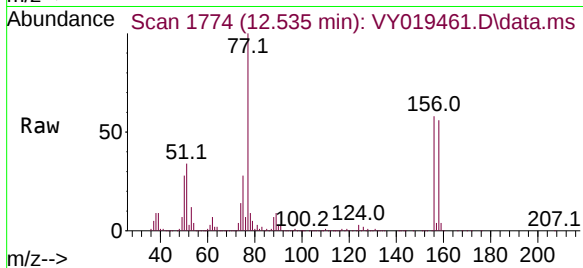
Tgt Ion:156 Resp: 354665

Ion Ratio Lower Upper

156 100

77 194.2 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 49.726 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019461.D

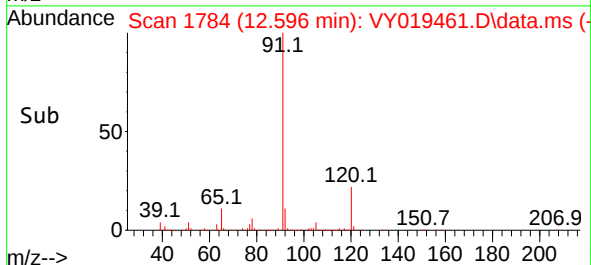
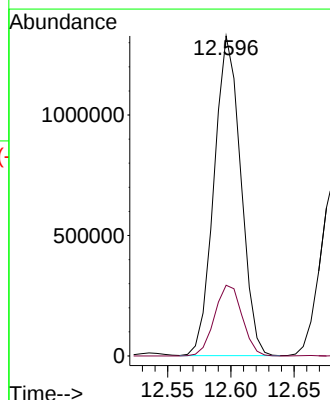
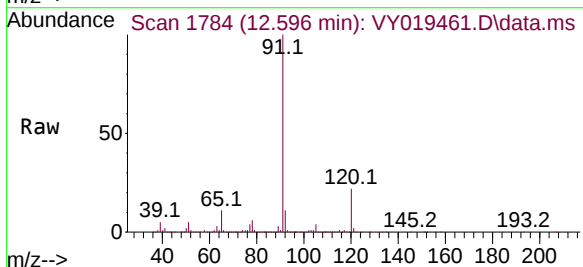
Acq: 09 Sep 2024 13:05

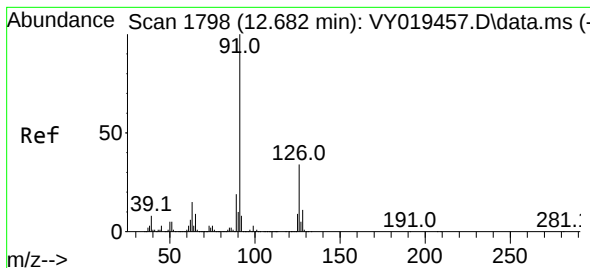
Tgt Ion: 91 Resp: 1945757

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.023 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

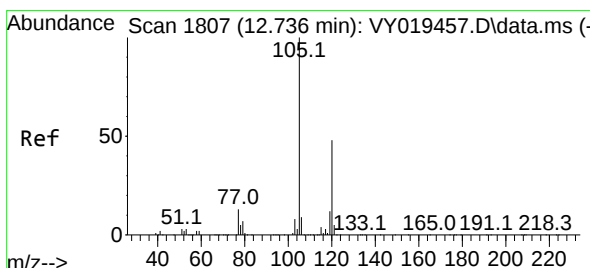
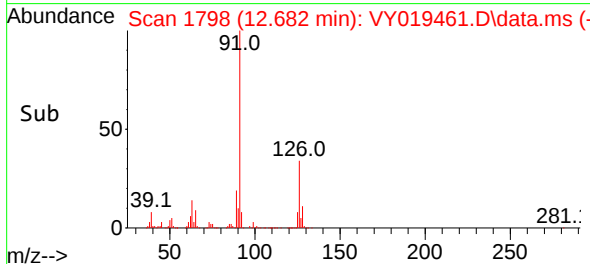
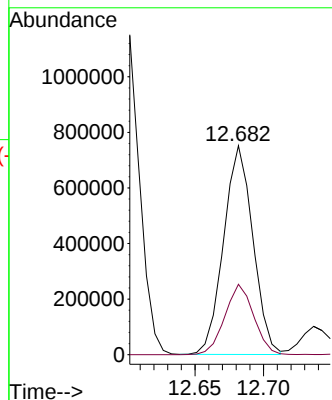
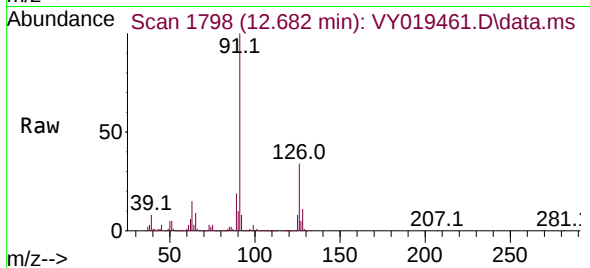
ClientSampleId :

Tgt Ion: 91 Resp: 1117908

Ion Ratio Lower Upper

91 100

126 33.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.366 ug/l

RT: 12.736 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019461.D

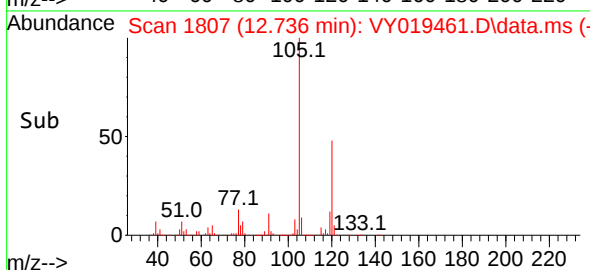
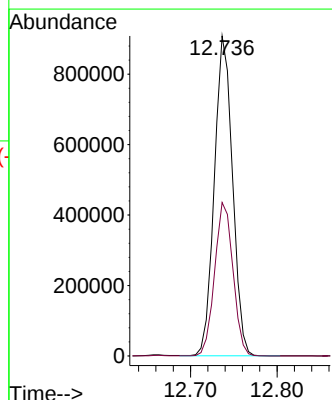
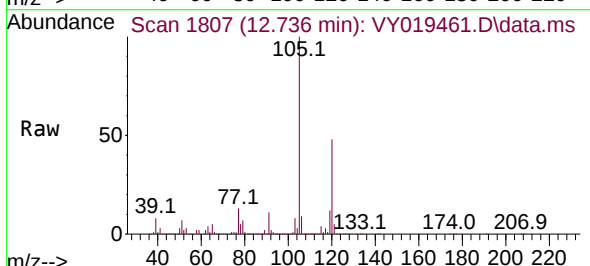
Acq: 09 Sep 2024 13:05

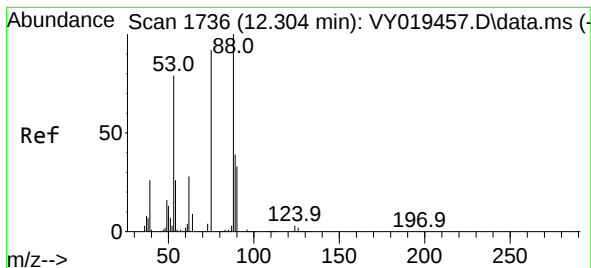
Tgt Ion:105 Resp: 1324899

Ion Ratio Lower Upper

105 100

120 48.4 25.1 75.2

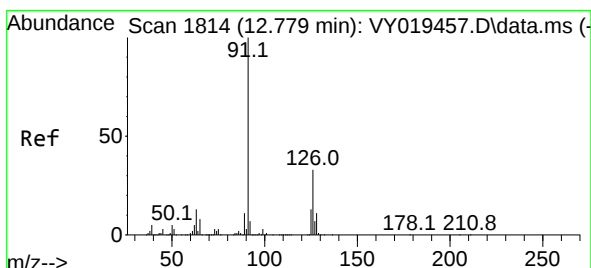
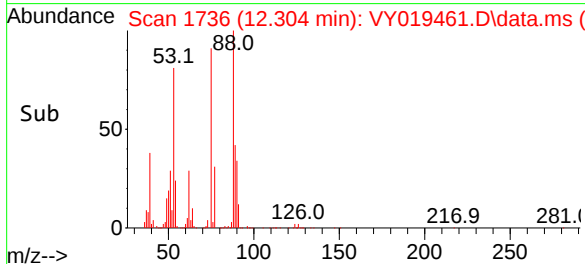
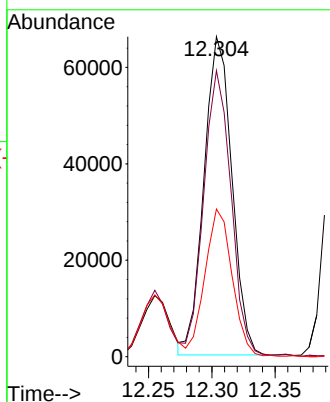
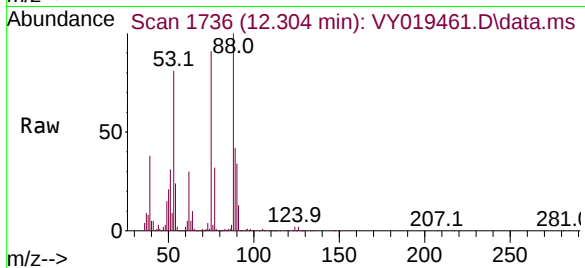




#81
trans-1,4-Dichloro-2-butene
Concen: 45.628 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

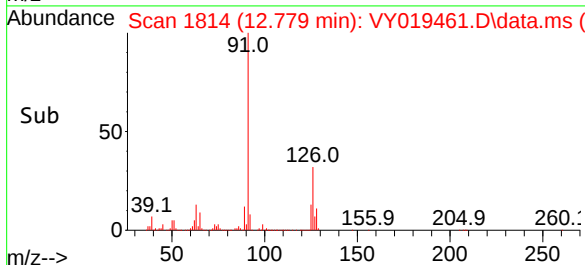
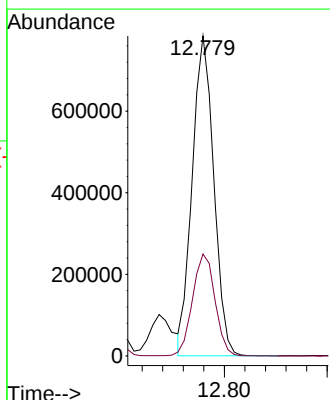
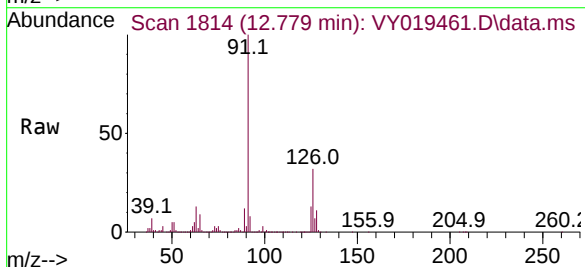
Instrument :
MSVOA_Y
ClientSampleId :

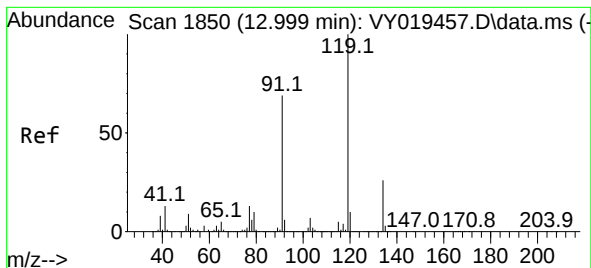
Tgt Ion: 75 Resp: 101376
Ion Ratio Lower Upper
75 100
53 87.7 66.8 100.2
89 45.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.692 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019461.D
Acq: 09 Sep 2024 13:05

Tgt Ion: 91 Resp: 1141532
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.226 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

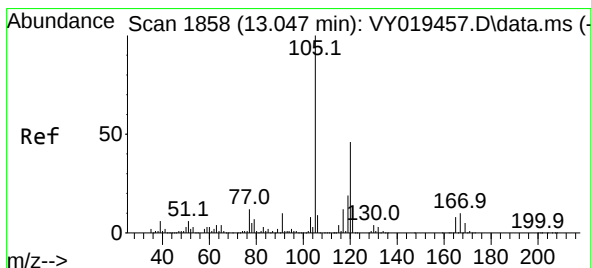
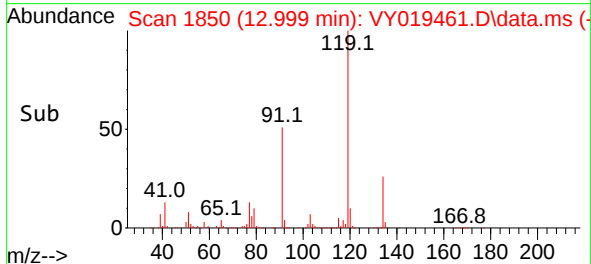
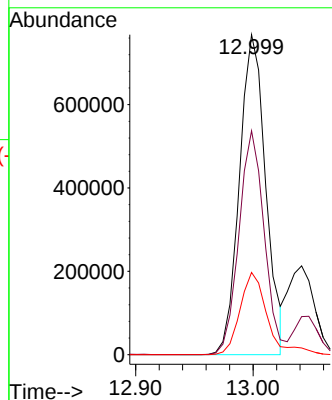
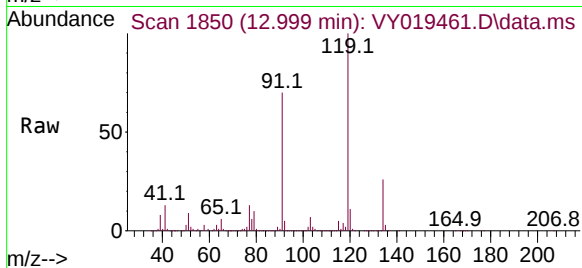
Tgt Ion:119 Resp: 1196025

Ion Ratio Lower Upper

119 100

91 67.5 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.957 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019461.D

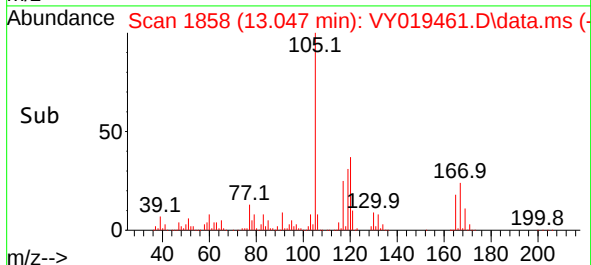
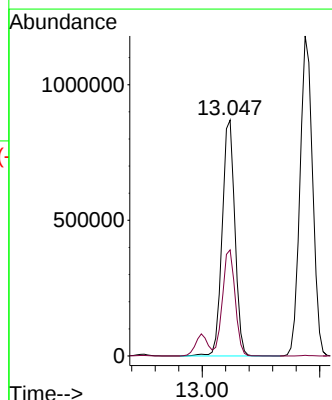
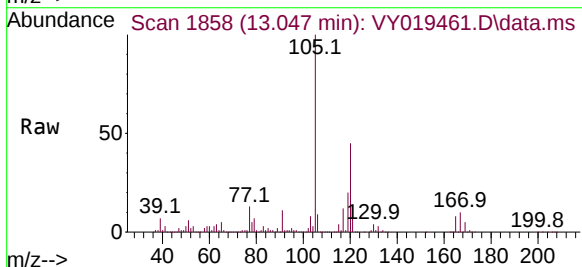
Acq: 09 Sep 2024 13:05

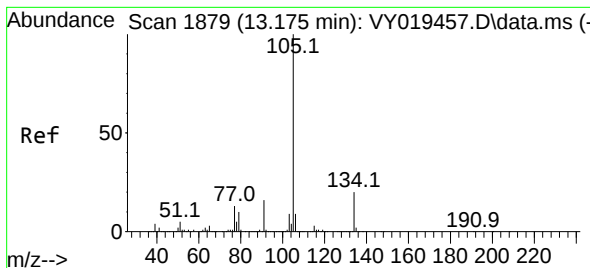
Tgt Ion:105 Resp: 1300597

Ion Ratio Lower Upper

105 100

120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.732 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

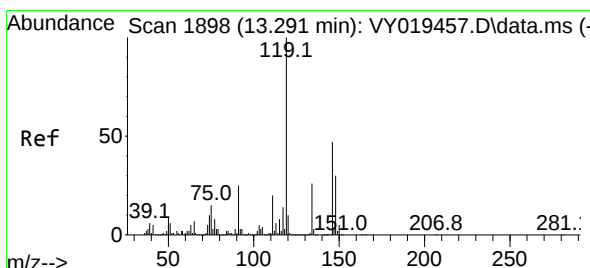
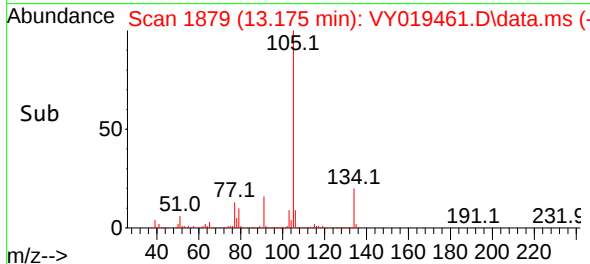
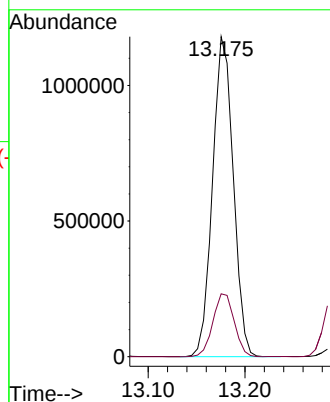
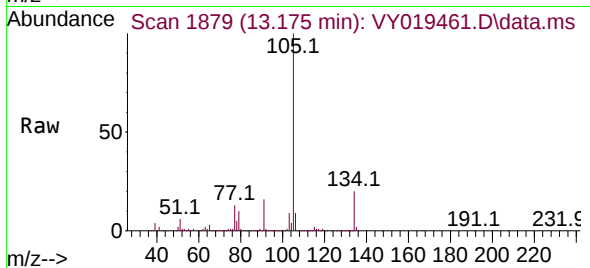
ClientSampleId :

Tgt Ion:105 Resp: 1755325

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.859 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

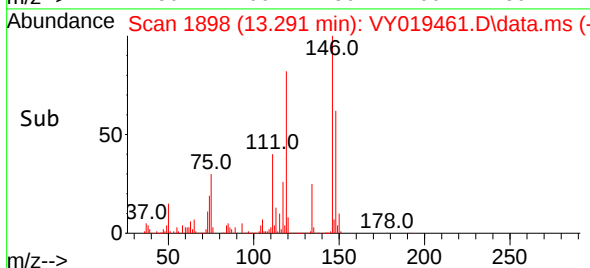
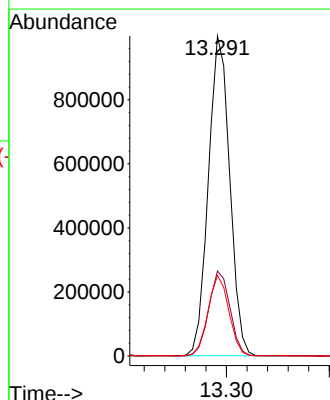
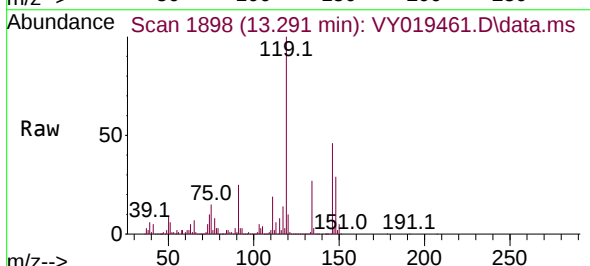
Tgt Ion:119 Resp: 1439825

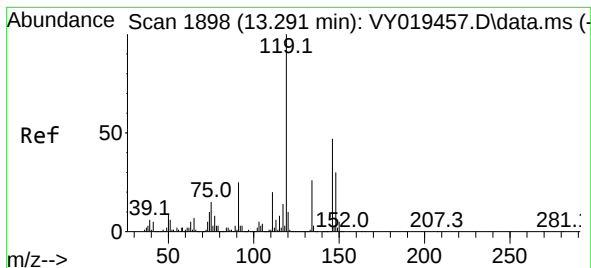
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.313 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

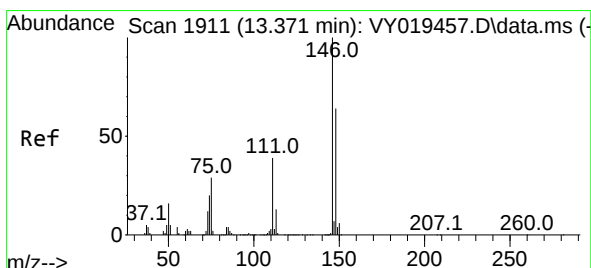
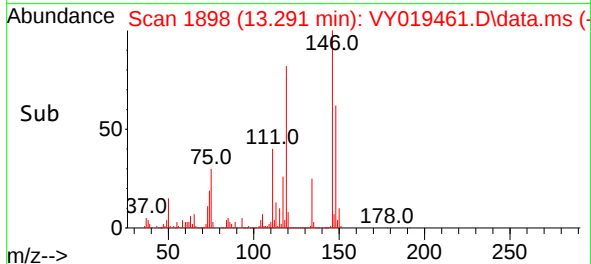
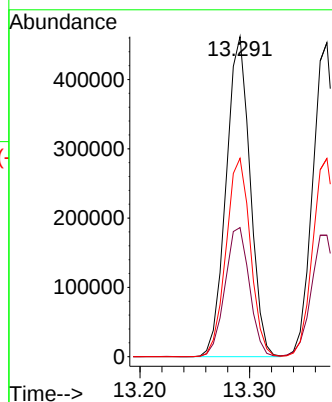
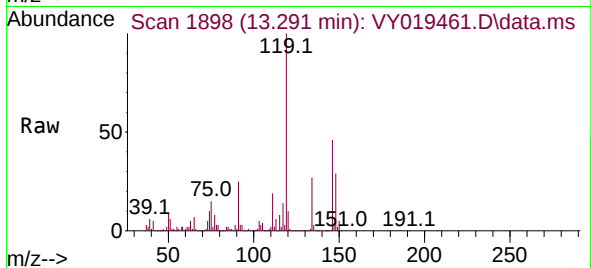
Tgt Ion:146 Resp: 701584

Ion Ratio Lower Upper

146 100

111 41.1 19.0 57.0

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.871 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

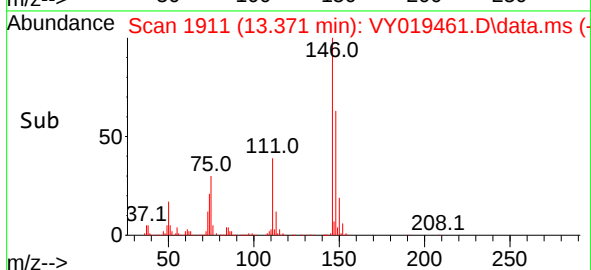
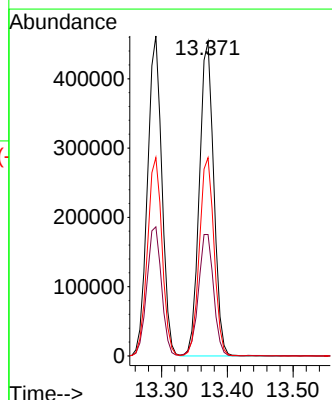
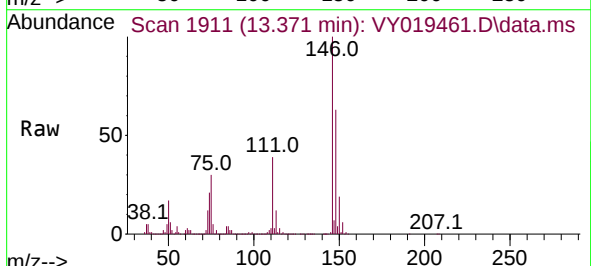
Tgt Ion:146 Resp: 690036

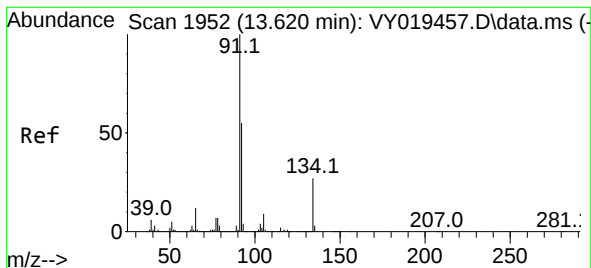
Ion Ratio Lower Upper

146 100

111 40.3 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 50.019 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

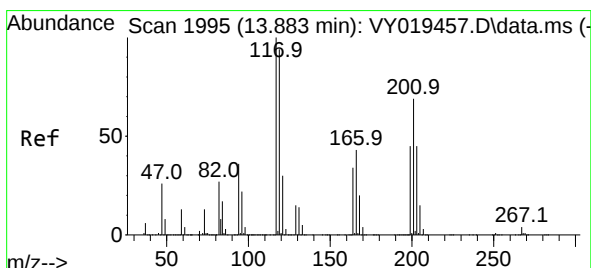
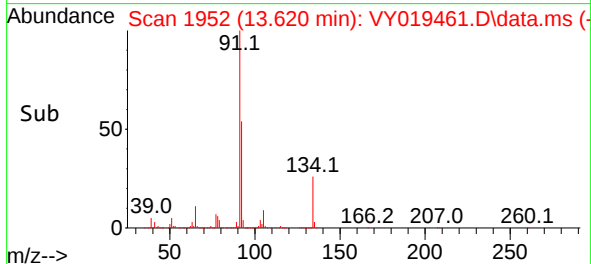
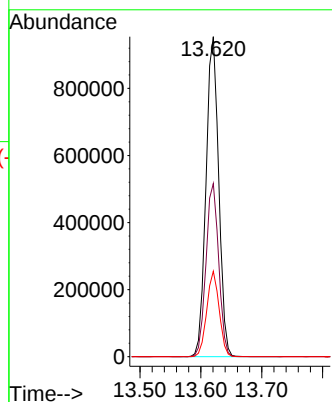
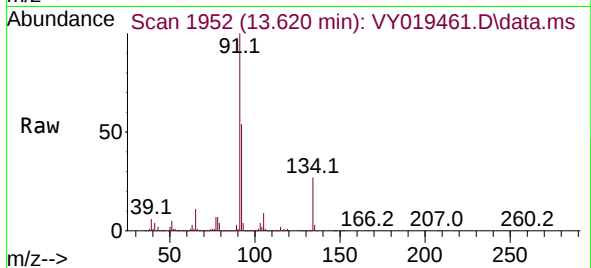
Tgt Ion: 91 Resp: 1380884

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.7

134 26.1 12.9 38.7



#90

Hexachloroethane

Concen: 48.543 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019461.D

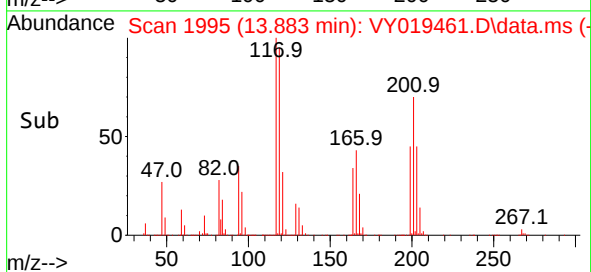
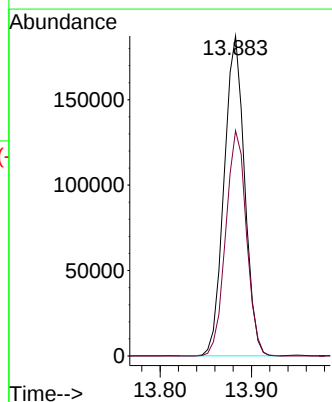
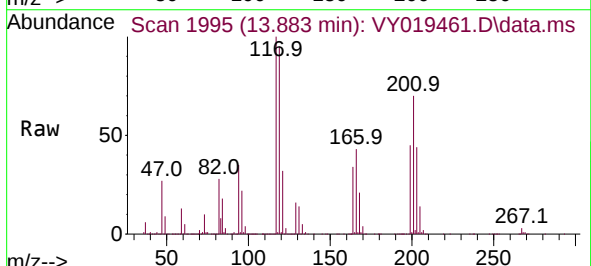
Acq: 09 Sep 2024 13:05

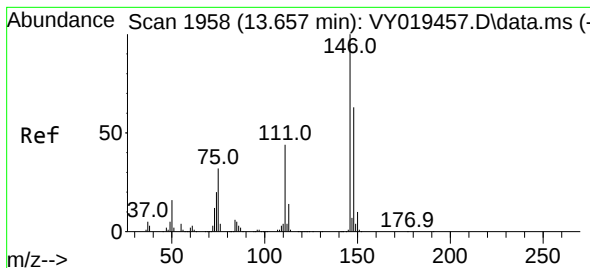
Tgt Ion: 117 Resp: 291680

Ion Ratio Lower Upper

117 100

201 71.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 48.576 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

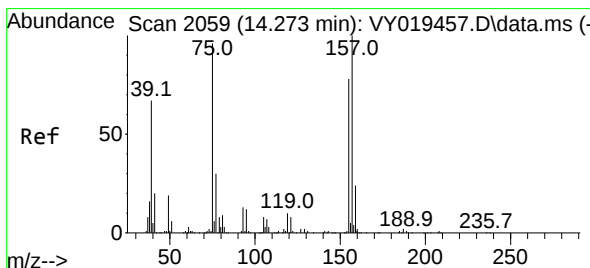
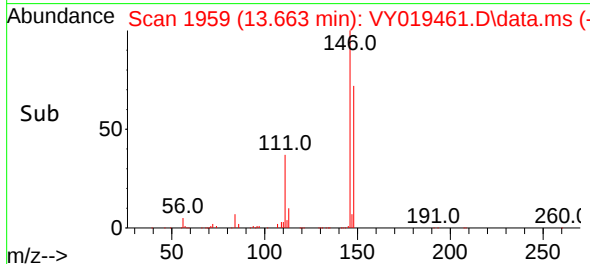
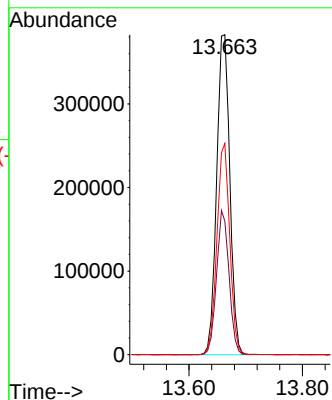
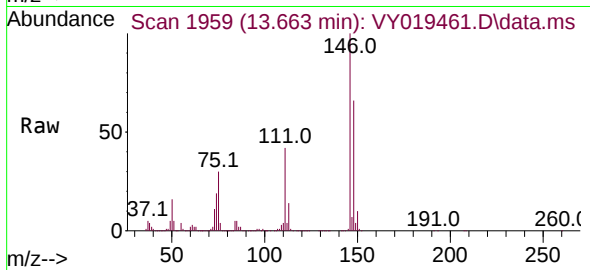
Tgt Ion:146 Resp: 616708

Ion Ratio Lower Upper

146 100

111 42.7 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.778 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

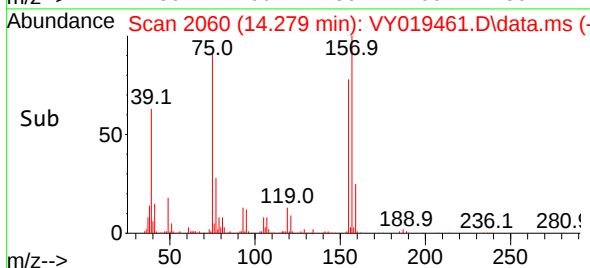
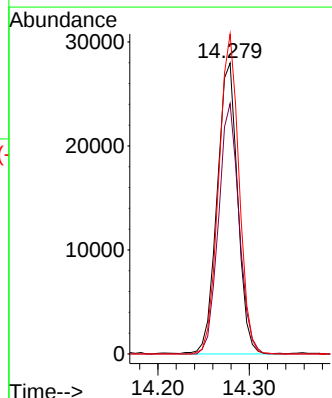
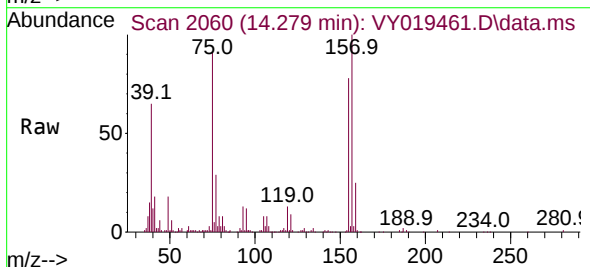
Tgt Ion: 75 Resp: 43729

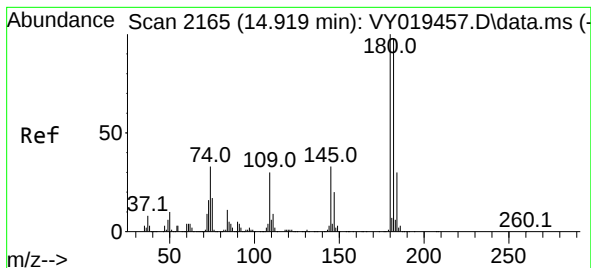
Ion Ratio Lower Upper

75 100

155 85.4 48.6 145.8

157 108.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.688 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

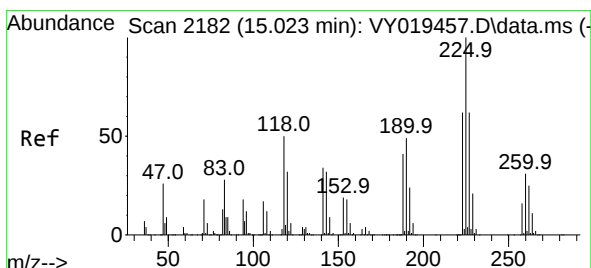
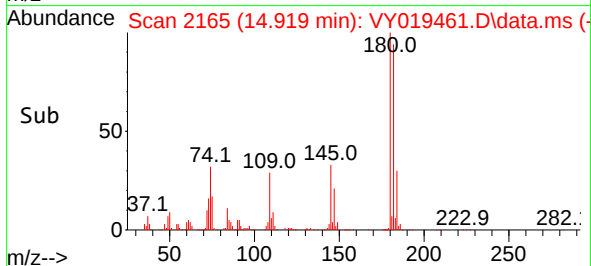
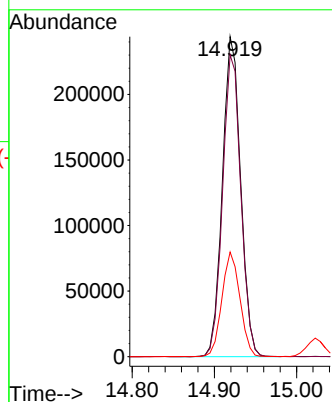
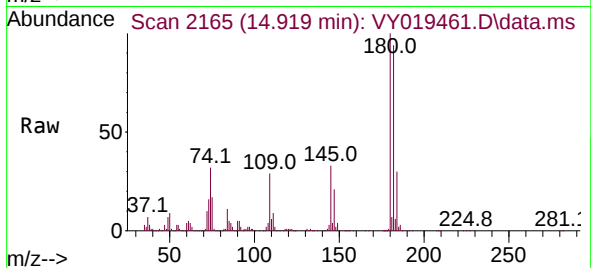
Tgt Ion:180 Resp: 375954

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.677 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

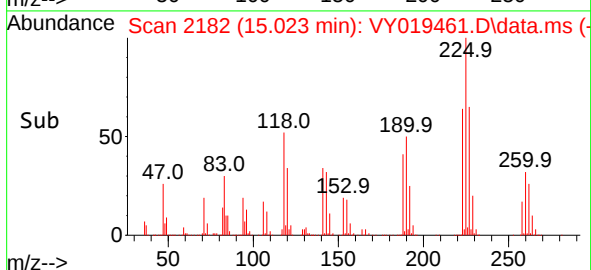
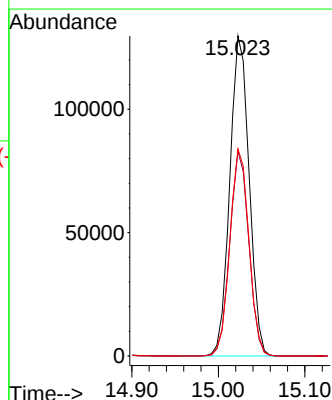
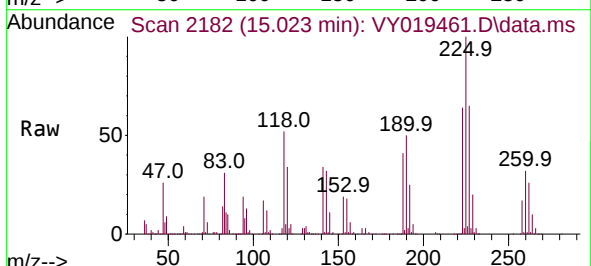
Tgt Ion:225 Resp: 200795

Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 46.687 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

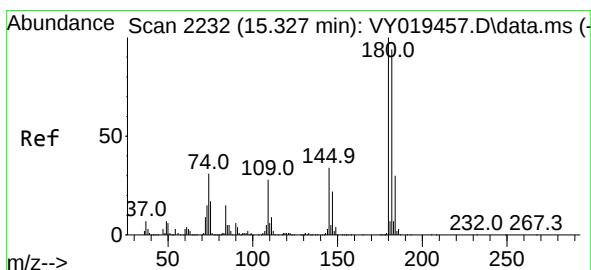
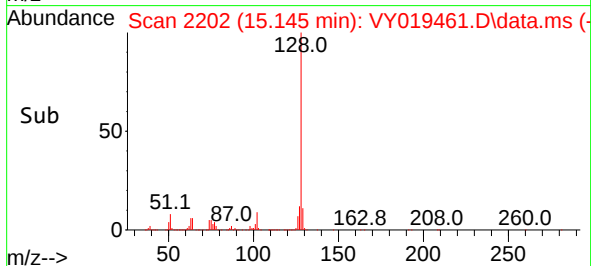
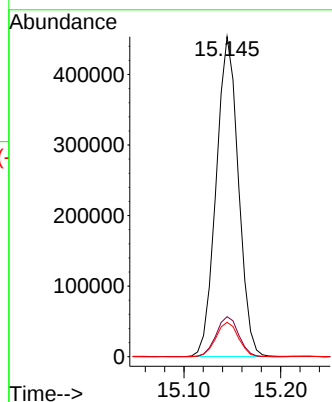
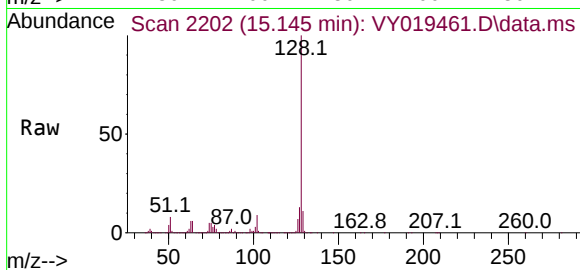
Tgt Ion:128 Resp: 721934

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.362 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019461.D

Acq: 09 Sep 2024 13:05

Tgt Ion:180 Resp: 319422

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 33.6 15.4 46.1

