

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019660.D
 Acq On : 23 Sep 2024 11:51
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 24 01:44:01 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	416723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	709663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	596345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	280564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	202658	52.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.040%	
35) Dibromofluoromethane	7.628	113	207848	51.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.109	98	769675	51.717	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.408	95	276817	48.374	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	58962	23.736	ug/l	95
3) Chloromethane	2.074	50	69365	20.119	ug/l	99
4) Vinyl Chloride	2.208	62	83296	22.342	ug/l	97
5) Bromomethane	2.598	94	58585	25.583	ug/l	93
6) Chloroethane	2.739	64	57532	23.606	ug/l	100
7) Trichlorofluoromethane	3.056	101	143673	23.118	ug/l	95
8) Diethyl Ether	3.452	74	42277	20.266	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	85059	22.125	ug/l	97
10) Methyl Iodide	4.001	142	92140	18.693	ug/l	93
11) Tert butyl alcohol	4.860	59	32316	103.701	ug/l	# 80
12) 1,1-Dichloroethene	3.793	96	75527	20.428	ug/l	93
13) Acrolein	3.653	56	15962	97.667	ug/l	94
14) Allyl chloride	4.379	41	127418	19.218	ug/l	# 92
15) Acrylonitrile	5.055	53	89297	99.275	ug/l	98
16) Acetone	3.866	43	93429	101.631	ug/l	# 85
17) Carbon Disulfide	4.104	76	174165	17.435	ug/l	# 95
18) Methyl Acetate	4.385	43	42236	16.930	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	215828	20.611	ug/l	94
20) Methylene Chloride	4.610	84	86712	20.683	ug/l	# 87
21) trans-1,2-Dichloroethene	5.104	96	83476	20.599	ug/l	93
22) Diisopropyl ether	6.012	45	281877	20.703	ug/l	94
23) Vinyl Acetate	5.952	43	785457	100.998	ug/l	94
24) 1,1-Dichloroethane	5.909	63	161969	21.200	ug/l	98
25) 2-Butanone	6.890	43	127392	97.434	ug/l	# 85
26) 2,2-Dichloropropane	6.878	77	148236	21.509	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	104050	21.137	ug/l	88
28) Bromochloromethane	7.244	49	61115	19.012	ug/l	88
29) Tetrahydrofuran	7.262	42	73698	92.706	ug/l	88
30) Chloroform	7.415	83	175441	22.494	ug/l	96
31) Cyclohexane	7.701	56	131737	19.076	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	155055	22.180	ug/l	97
36) 1,1-Dichloropropene	7.835	75	115501	21.096	ug/l	96
37) Ethyl Acetate	6.976	43	56594	20.174	ug/l	96
38) Carbon Tetrachloride	7.817	117	134435	21.774	ug/l	98
39) Methylcyclohexane	9.109	83	145033	19.905	ug/l	91
40) Benzene	8.079	78	354742	21.036	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	31304	19.143	ug/l	89
42) 1,2-Dichloroethane	8.152	62	97968	21.590	ug/l	96
43) Isopropyl Acetate	8.195	43	114613	19.447	ug/l	91
44) Trichloroethene	8.866	130	90793	20.935	ug/l	93
45) 1,2-Dichloropropane	9.140	63	86170	20.902	ug/l	100
46) Dibromomethane	9.231	93	46782	20.751	ug/l	97
47) Bromodichloromethane	9.420	83	132037	21.787	ug/l	95
48) Methyl methacrylate	9.219	41	51071	18.350	ug/l	85
49) 1,4-Dioxane	9.225	88	10165	383.002	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	280273	94.525	ug/l	93
52) Toluene	10.170	92	228109	21.032	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	116391	20.147	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	137013	20.368	ug/l #	92
55) 1,1,2-Trichloroethane	10.573	97	65175	20.934	ug/l	99
56) Ethyl methacrylate	10.438	69	91326	19.310	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	110152	20.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	199180	90.740	ug/l	99
59) 2-Hexanone	10.762	43	197360	90.791	ug/l	91
60) Dibromochloromethane	10.914	129	86696	21.051	ug/l	99
61) 1,2-Dibromoethane	11.012	107	59892	20.646	ug/l	100
64) Tetrachloroethene	10.646	164	78685	21.307	ug/l	96
65) Chlorobenzene	11.444	112	255892	21.814	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	89568	22.053	ug/l	98
67) Ethyl Benzene	11.518	91	455129	21.836	ug/l	100
68) m/p-Xylenes	11.633	106	344974	43.772	ug/l	96
69) o-Xylene	11.957	106	166086	21.548	ug/l	97
70) Styrene	11.969	104	278752	21.421	ug/l	97
71) Bromoform	12.133	173	48246	20.798	ug/l #	97
73) Isopropylbenzene	12.255	105	449685	22.093	ug/l	99
74) N-amyl acetate	12.072	43	102806	18.572	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	75445	20.883	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	94992	36.123	ug/l #	100
77) Bromobenzene	12.536	156	97573	21.615	ug/l	93
78) n-propylbenzene	12.597	91	533703	22.122	ug/l	99
79) 2-Chlorotoluene	12.682	91	305117	21.702	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	366351	22.140	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	25090	18.316	ug/l	91
82) 4-Chlorotoluene	12.780	91	313589	21.695	ug/l	97
83) tert-Butylbenzene	12.999	119	337076	22.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	355883	21.728	ug/l	99
85) sec-Butylbenzene	13.176	105	489850	22.510	ug/l	100
86) p-Isopropyltoluene	13.292	119	400606	22.500	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	192802	21.980	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	189779	21.800	ug/l	97
89) n-Butylbenzene	13.621	91	380013	22.326	ug/l	99
90) Hexachloroethane	13.883	117	80596	21.755	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	167318	21.375	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11727	19.477	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	93737	19.689	ug/l	98
94) Hexachlorobutadiene	15.023	225	55241	21.720	ug/l	97
95) Naphthalene	15.145	128	176822	18.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	80802	19.842	ug/l	98

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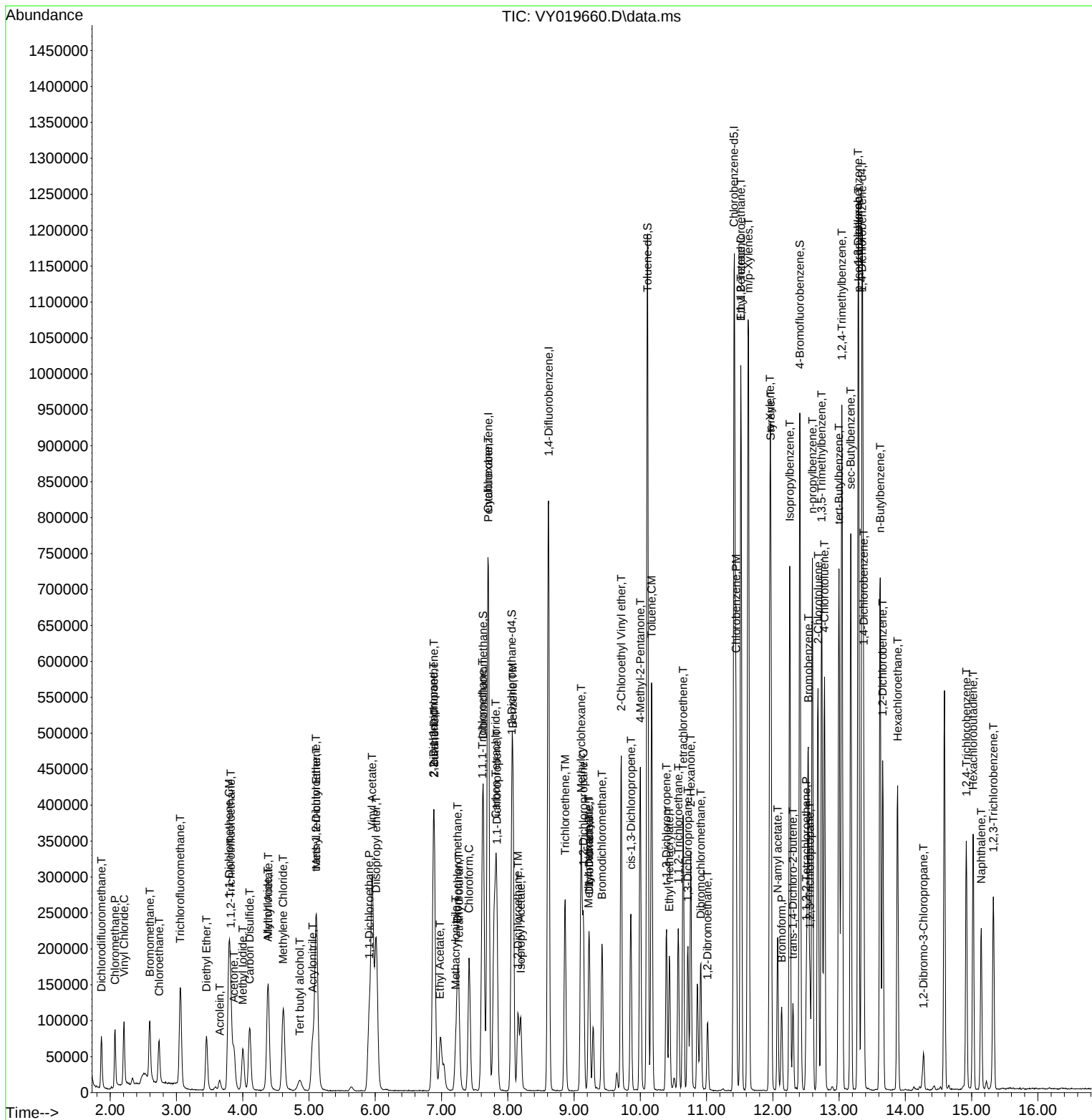
Instrument :
MSVOA_Y
ClientSampleId :

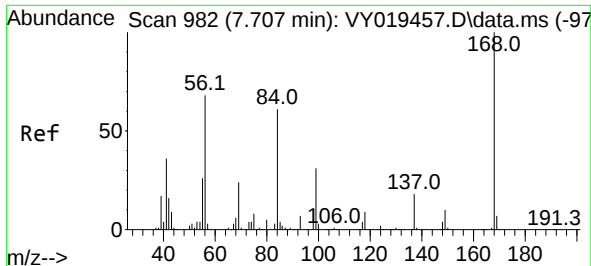
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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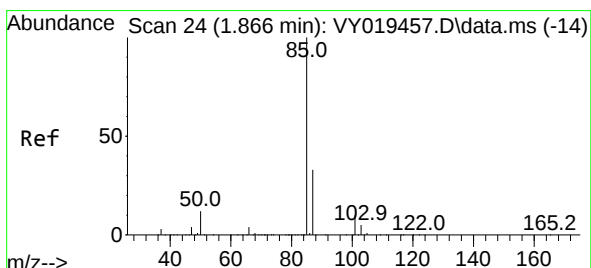
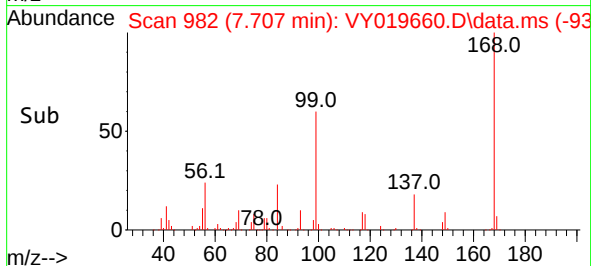
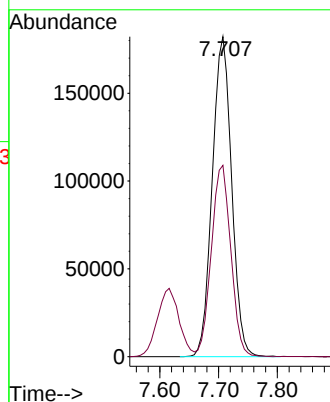
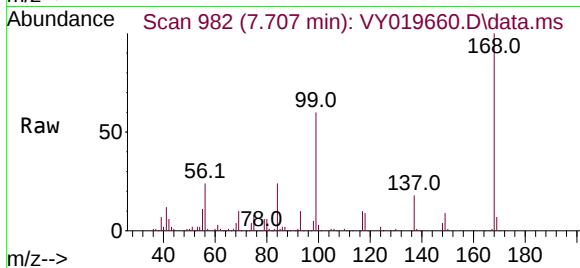




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019660.D
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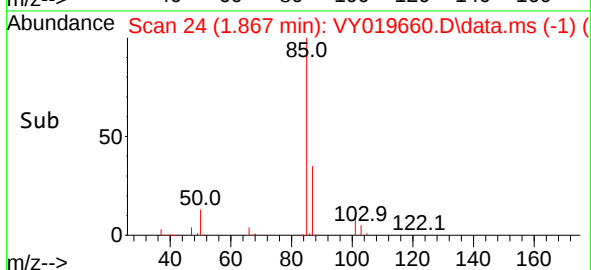
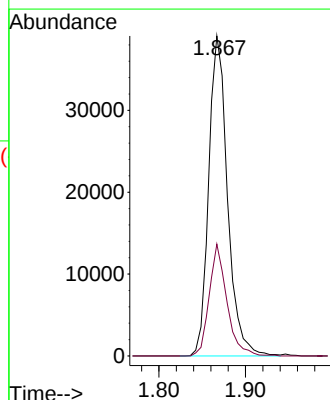
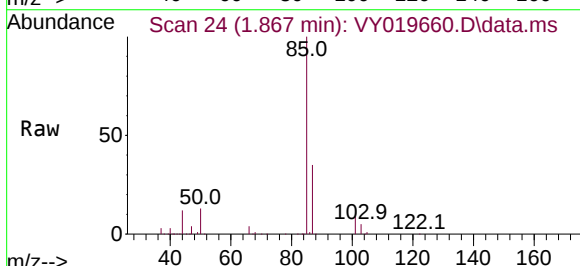
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 416723
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 23.736 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 85 Resp: 58962
Ion Ratio Lower Upper
85 100
87 35.0 16.0 48.0

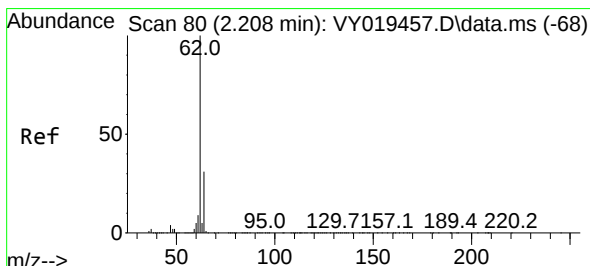
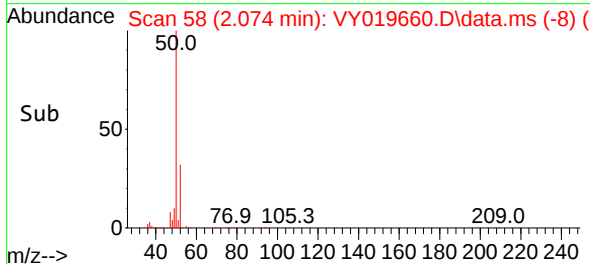
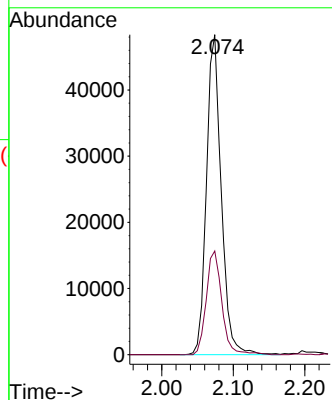
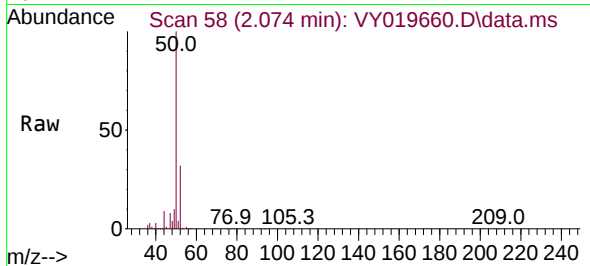




#3
Chloromethane
Concen: 20.119 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

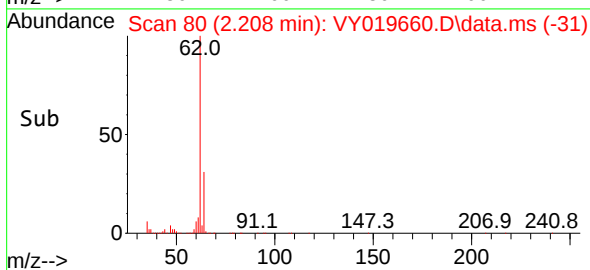
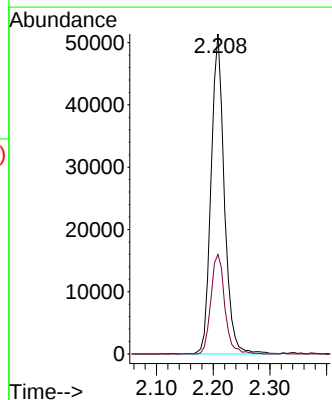
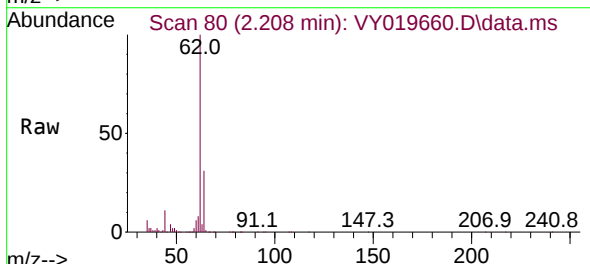
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 69365
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 22.342 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 62 Resp: 83296
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1

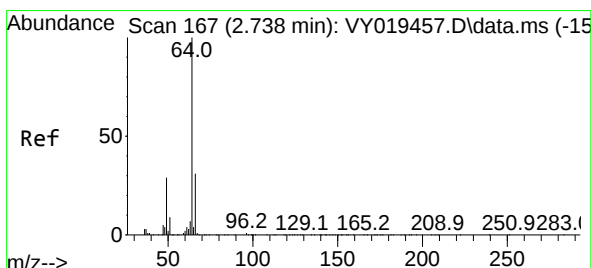
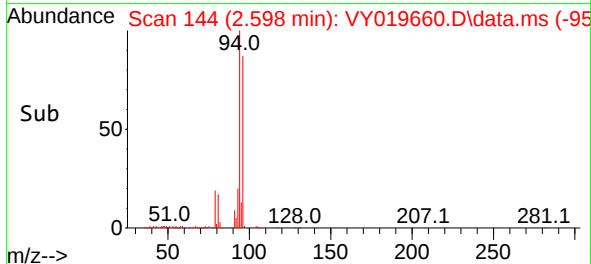
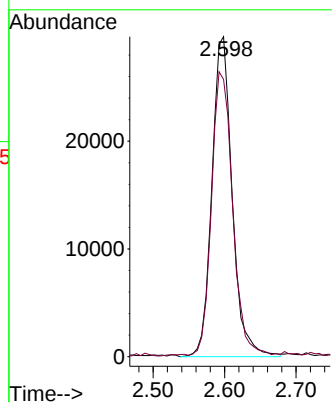
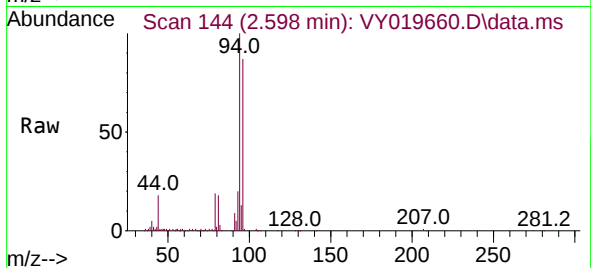




#5
Bromomethane
Concen: 25.583 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

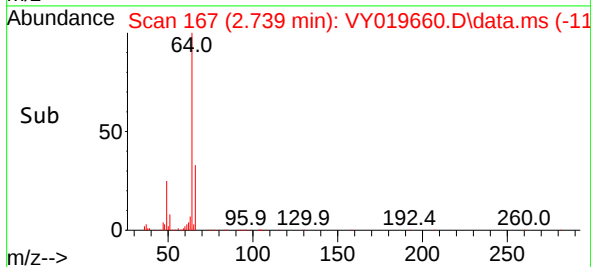
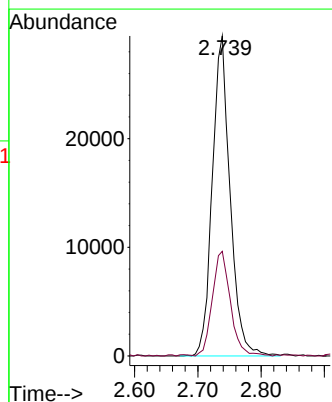
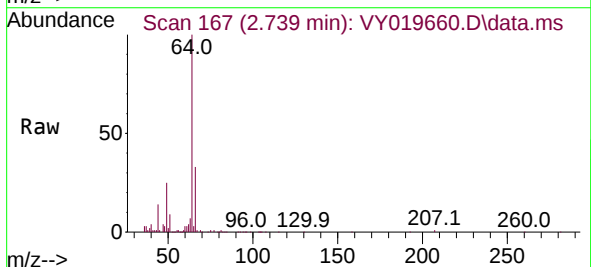
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 58585
Ion Ratio Lower Upper
94 100
96 86.0 74.1 111.1



#6
Chloroethane
Concen: 23.606 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 64 Resp: 57532
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

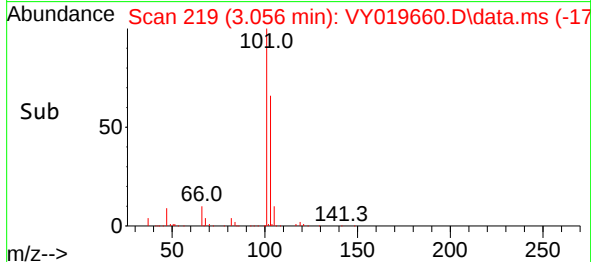
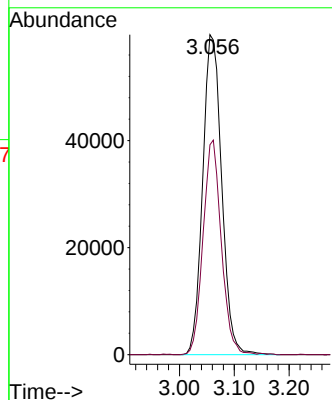
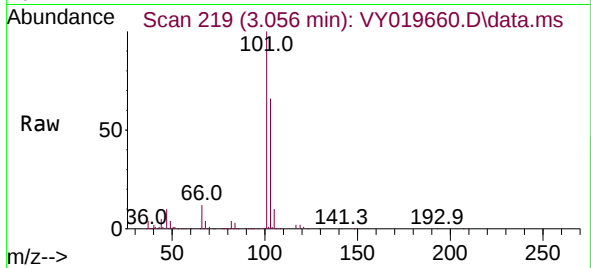




#7
 Trichlorofluoromethane
 Concen: 23.118 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019660.D
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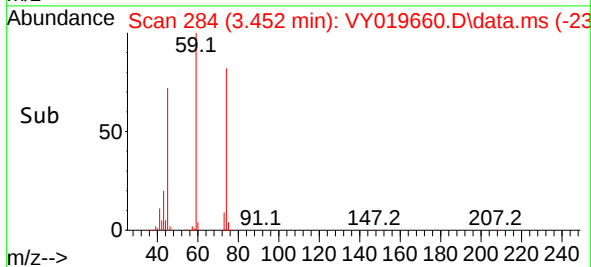
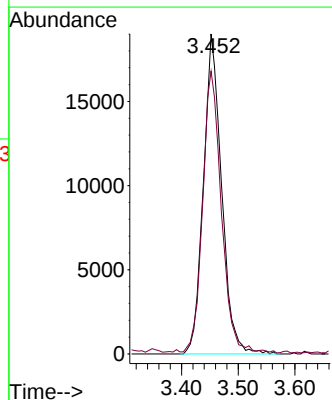
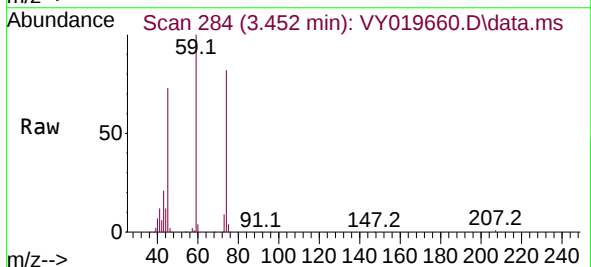
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 143673
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.266 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

Tgt Ion: 74 Resp: 42277
 Ion Ratio Lower Upper
 74 100
 45 88.9 41.3 124.1

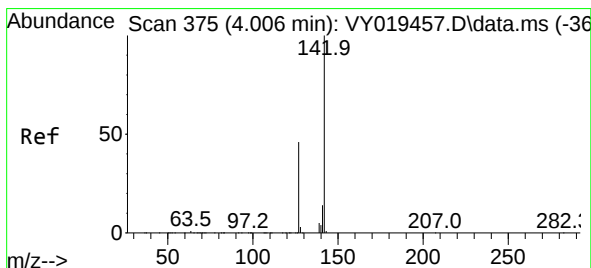
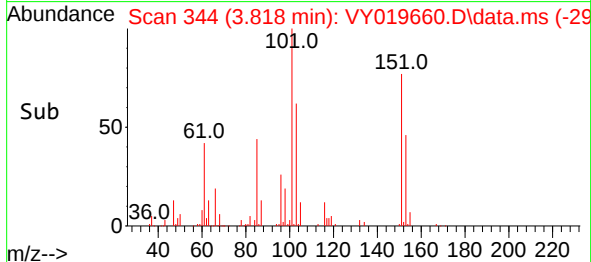
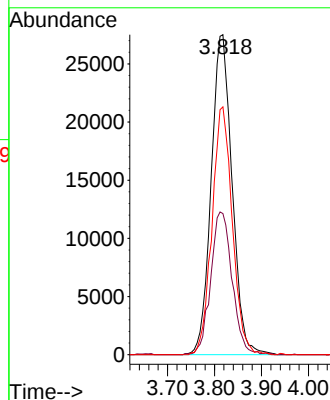
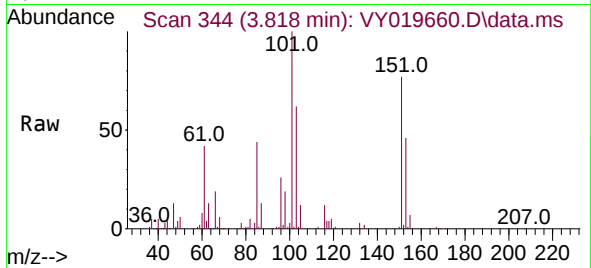




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.125 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

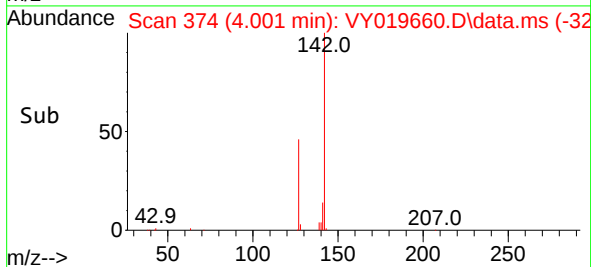
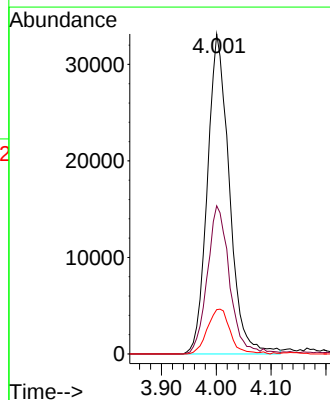
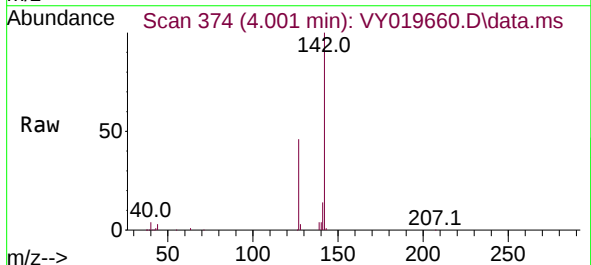
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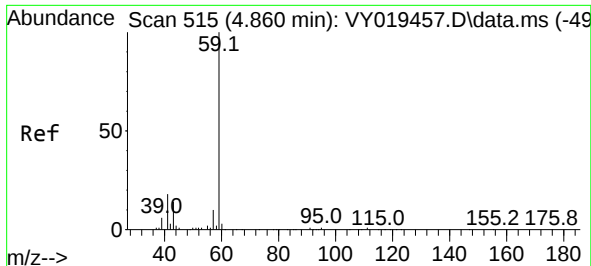
Tgt Ion:101 Resp: 85059
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 75.2 61.7 92.5



#10
Methyl Iodide
Concen: 18.693 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion:142 Resp: 92140
Ion Ratio Lower Upper
142 100
127 47.1 32.8 49.2
141 14.6 11.4 17.2

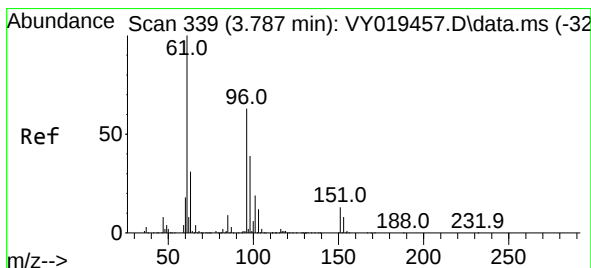
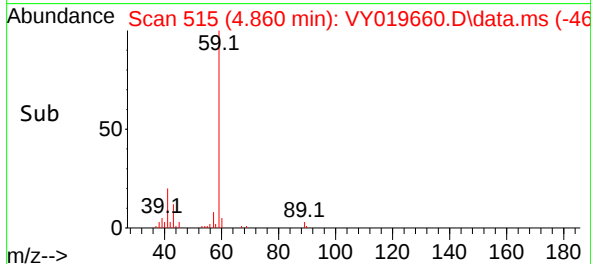
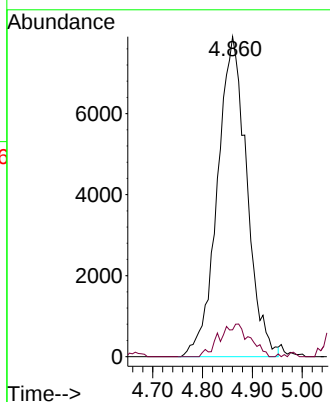
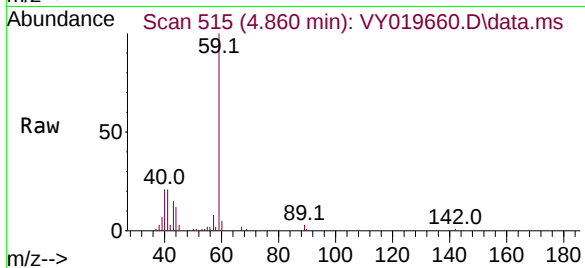




#11
Tert butyl alcohol
Concen: 103.701 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

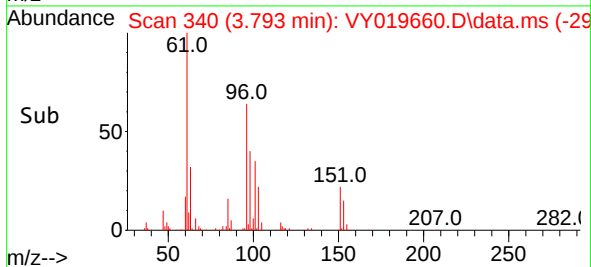
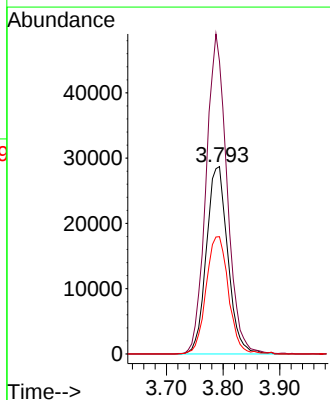
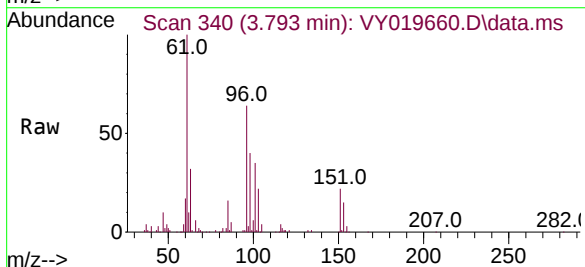
Instrument :
MSVOA_Y
ClientSampleId :

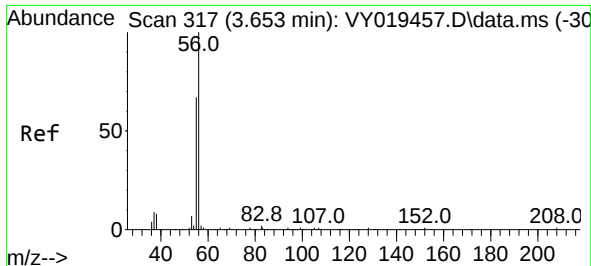
Tgt Ion: 59 Resp: 32316
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.428 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 96 Resp: 75527
Ion Ratio Lower Upper
96 100
61 155.9 114.6 171.8
98 62.6 50.8 76.2

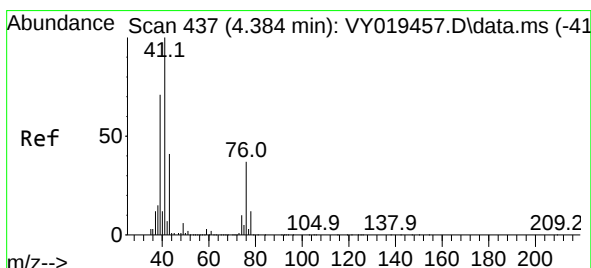
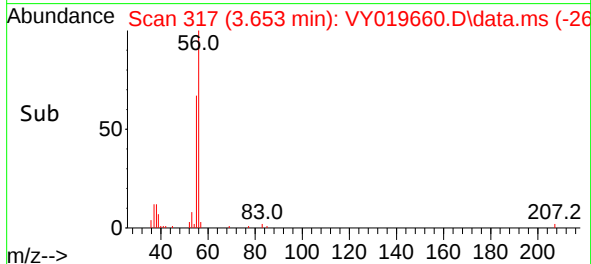
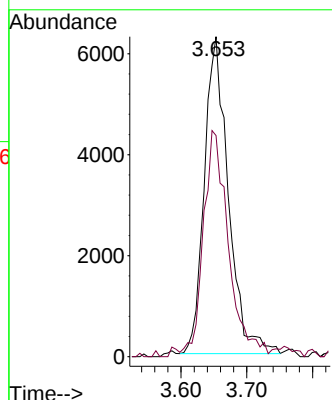
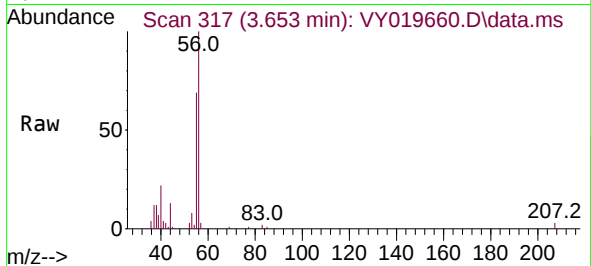




#13
Acrolein
Concen: 97.667 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

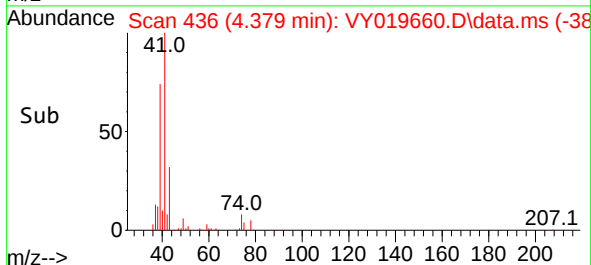
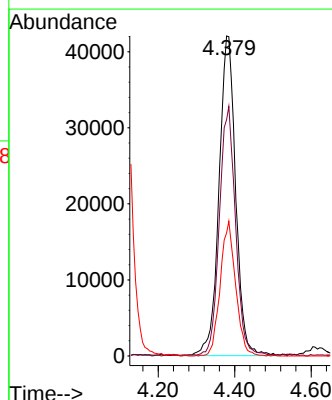
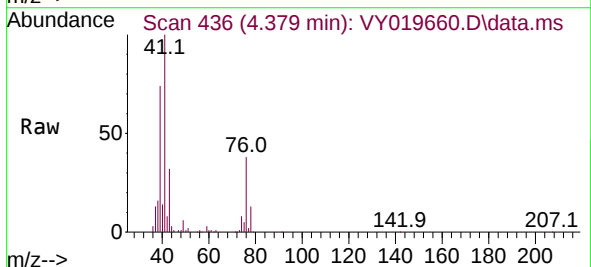
Instrument :
MSVOA_Y
ClientSampleId :

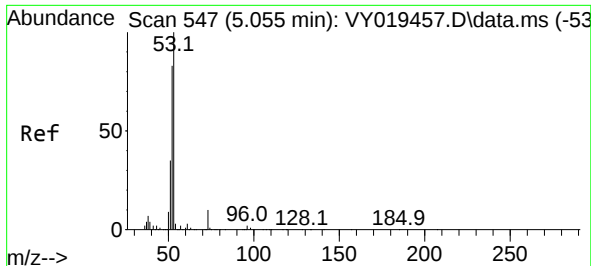
Tgt Ion: 56 Resp: 15962
Ion Ratio Lower Upper
56 100
55 74.7 55.7 83.5



#14
Allyl chloride
Concen: 19.218 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 41 Resp: 127418
Ion Ratio Lower Upper
41 100
39 75.5 58.3 87.5
76 38.9 39.0 58.6#

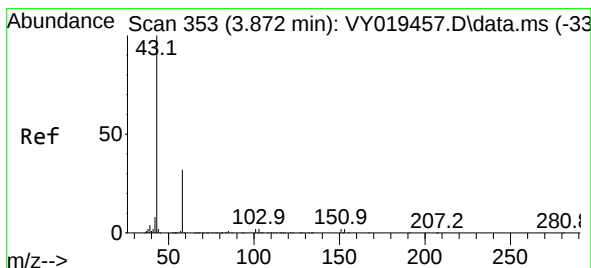
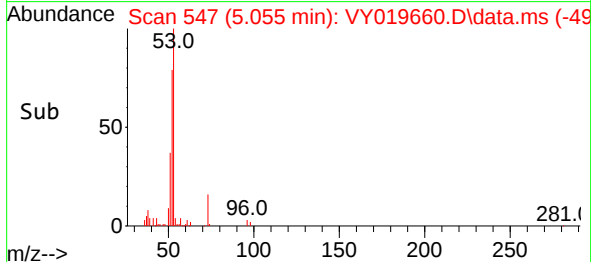
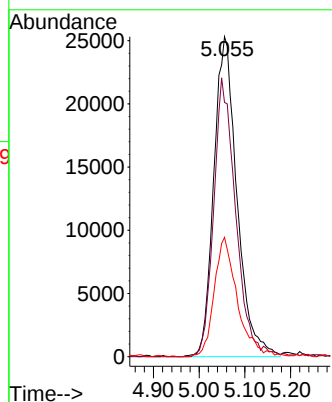
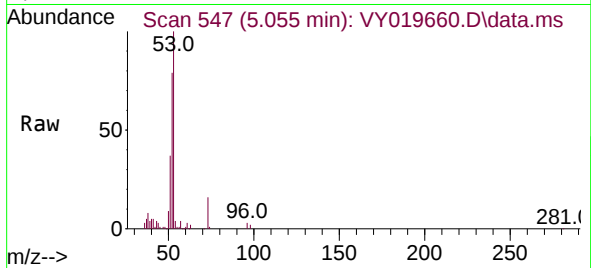




#15
Acrylonitrile
Concen: 99.275 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

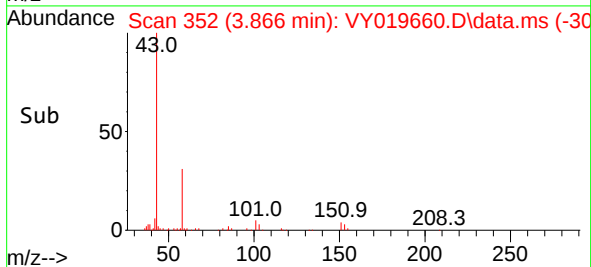
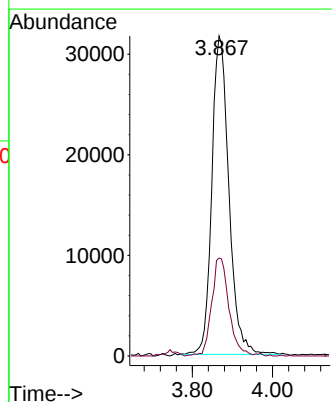
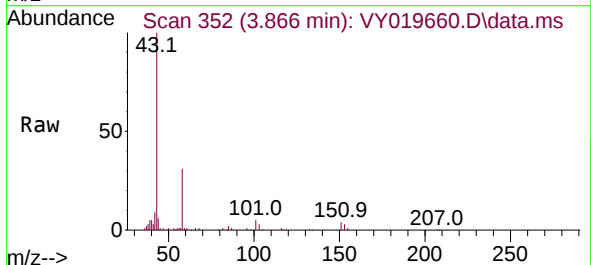
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 89297
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 101.631 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 43 Resp: 93429
Ion Ratio Lower Upper
43 100
58 30.6 31.7 47.5#

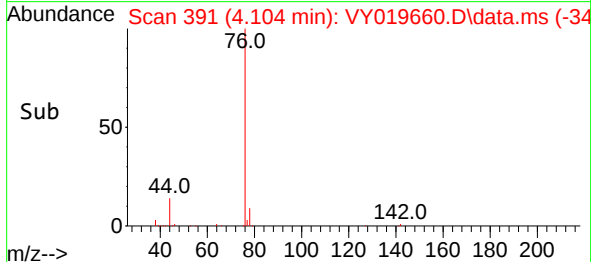
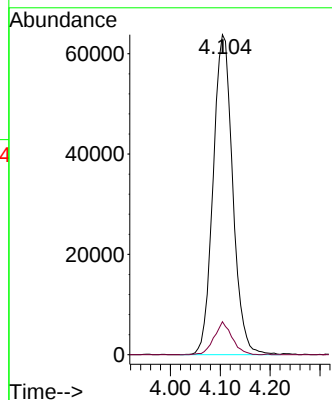
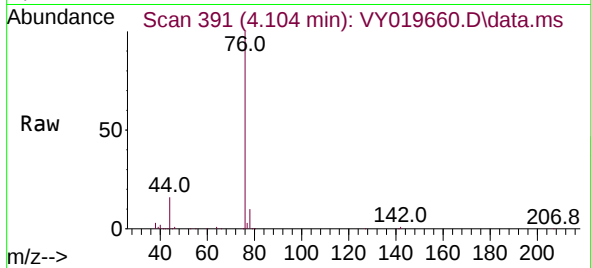




#17
Carbon Disulfide
Concen: 17.435 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

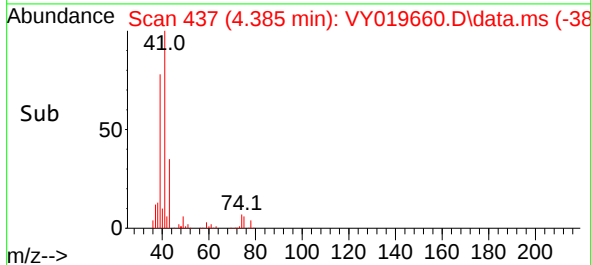
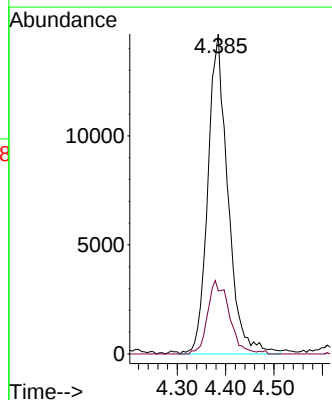
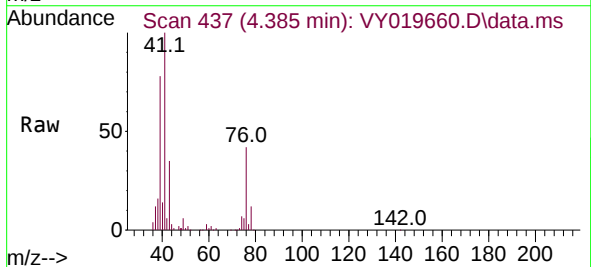
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 174165
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#



#18
Methyl Acetate
Concen: 16.930 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 43 Resp: 42236
Ion Ratio Lower Upper
43 100
74 24.6 23.3 34.9

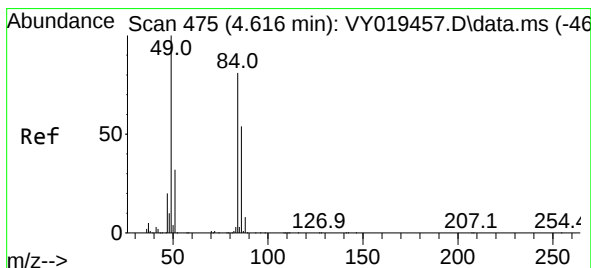
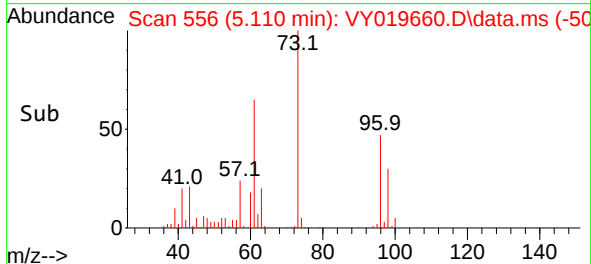
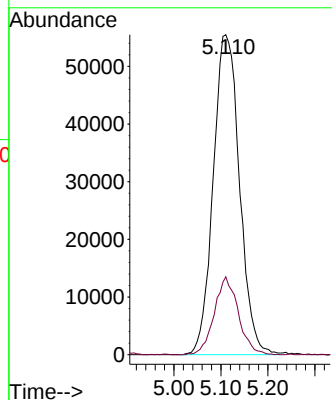
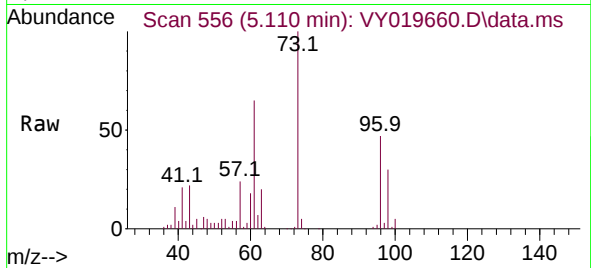




#19
Methyl tert-butyl Ether
Concen: 20.611 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

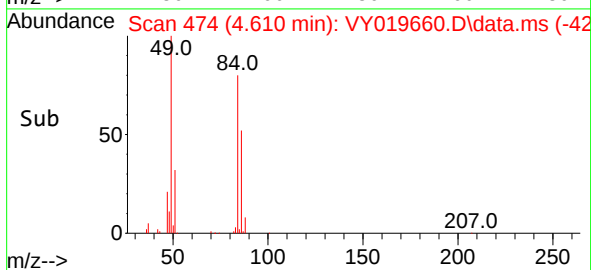
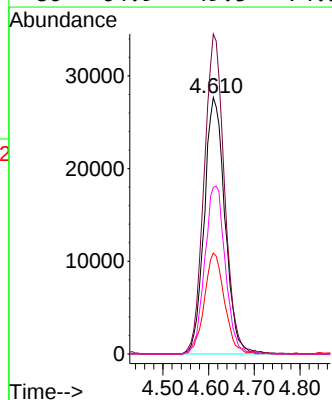
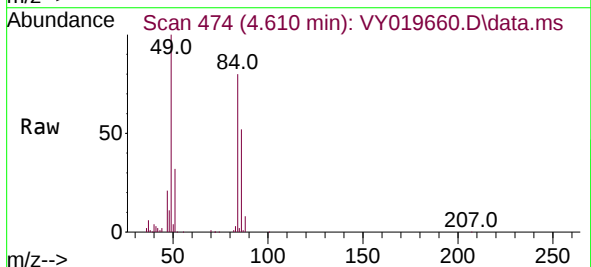
Instrument :
MSVOA_Y
ClientSampleId :

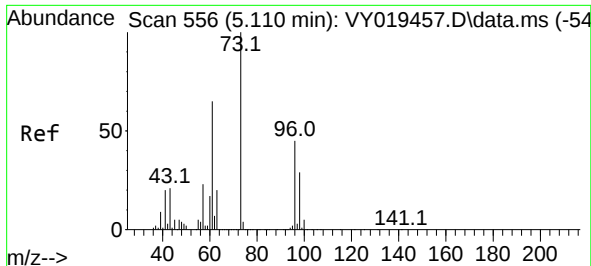
Tgt Ion: 73 Resp: 215828
Ion Ratio Lower Upper
73 100
57 24.4 17.3 25.9



#20
Methylene Chloride
Concen: 20.683 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

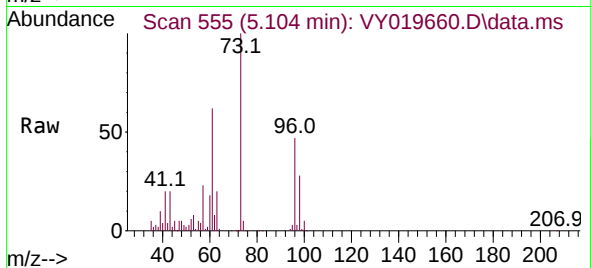
Tgt Ion: 84 Resp: 86712
Ion Ratio Lower Upper
84 100
49 124.7 84.4 126.6
51 39.3 26.0 39.0#
86 64.9 49.5 74.3



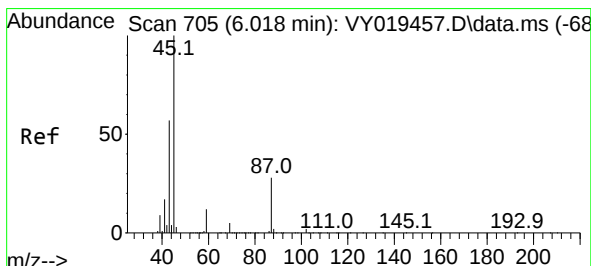
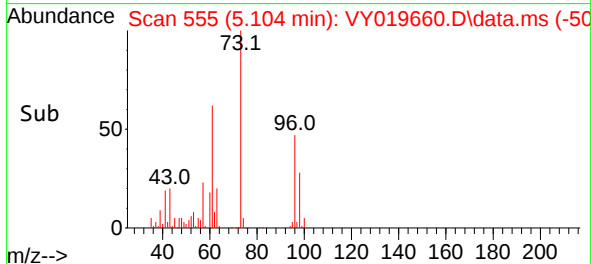
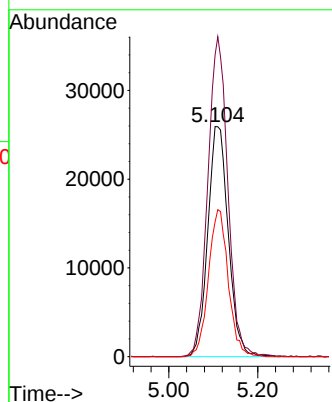


#21
trans-1,2-Dichloroethene
Concen: 20.599 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

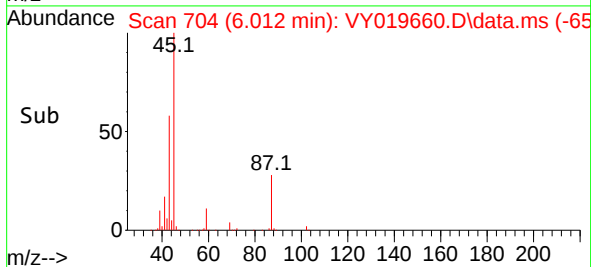
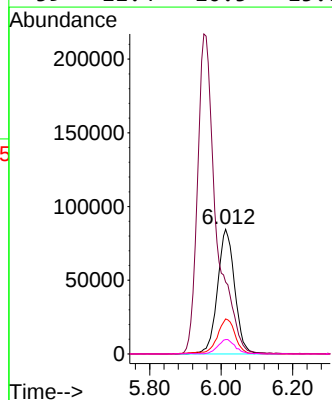
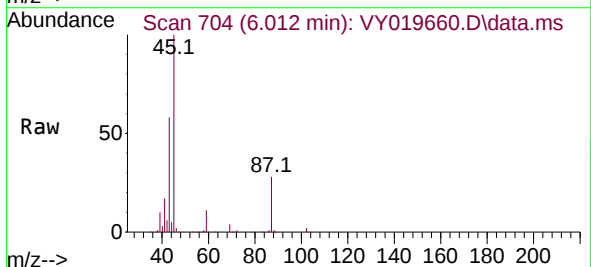


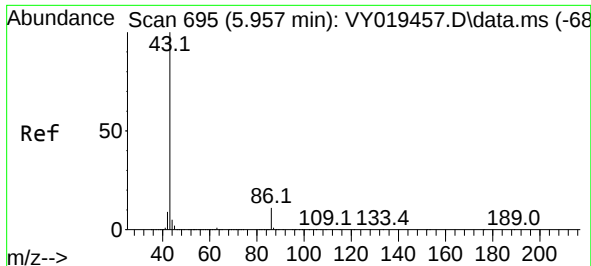
Tgt Ion: 96 Resp: 83476
Ion Ratio Lower Upper
96 100
61 131.1 97.5 146.3
98 58.5 50.5 75.7



#22
Diisopropyl ether
Concen: 20.703 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 45 Resp: 281877
Ion Ratio Lower Upper
45 100
43 57.3 42.2 63.2
87 28.2 25.0 37.6
59 11.4 10.5 15.7

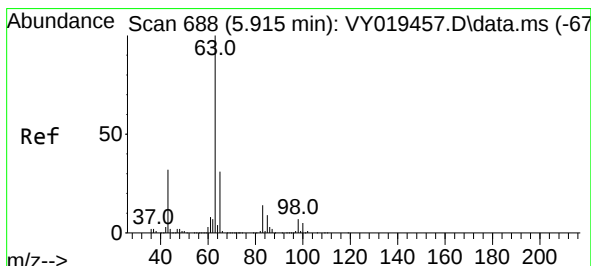
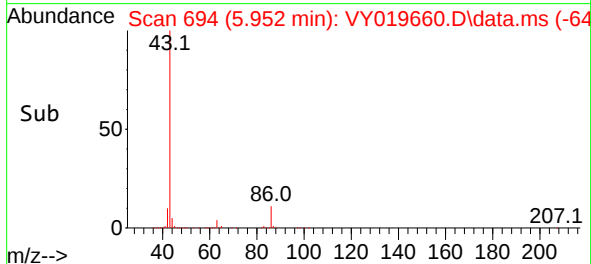
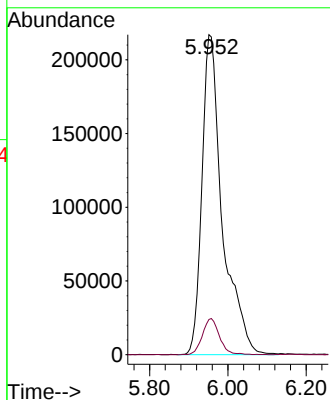
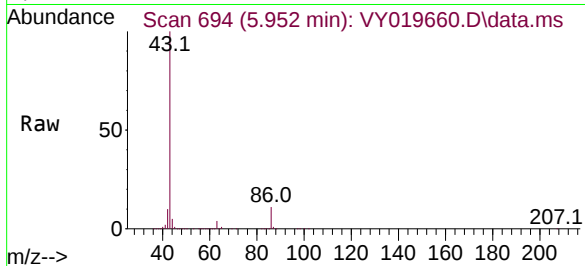




#23
 Vinyl Acetate
 Concen: 100.998 ug/l
 RT: 5.952 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

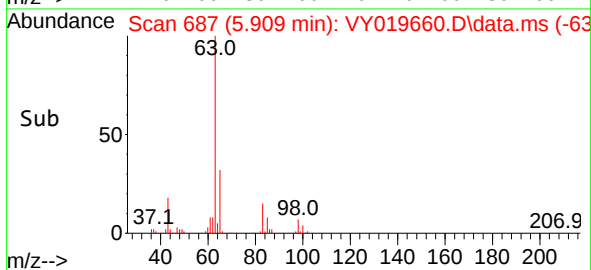
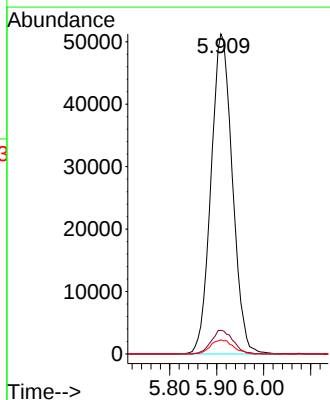
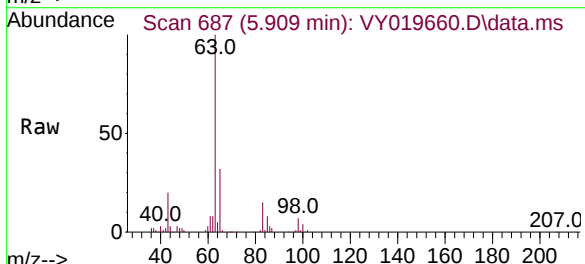
Instrument :
 MSVOA_Y
 ClientSampleId :

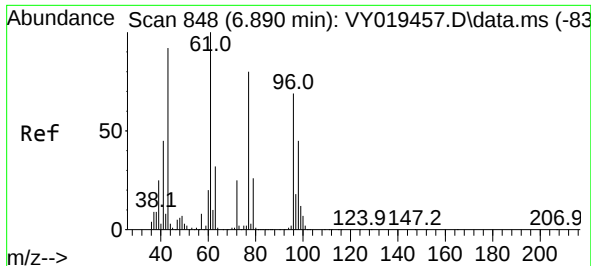
Tgt Ion: 43 Resp: 785457
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.200 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

Tgt Ion: 63 Resp: 161969
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.4 2.6 8.0

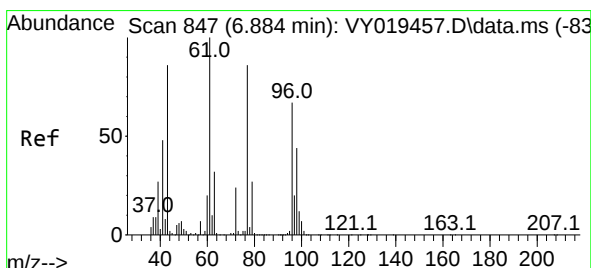
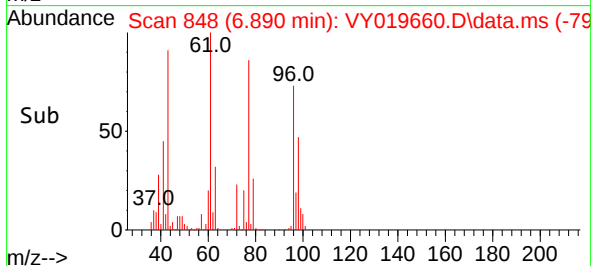
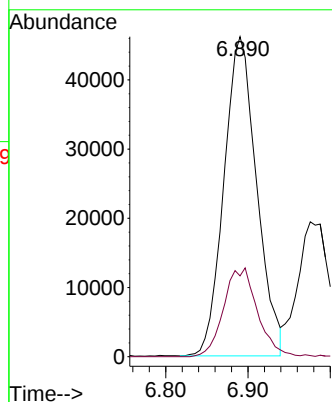
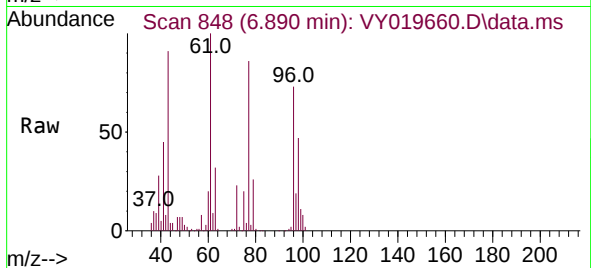




#25
2-Butanone
Concen: 97.434 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

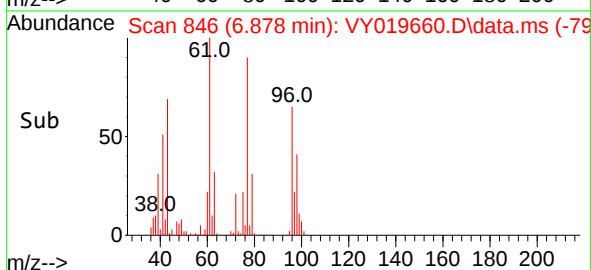
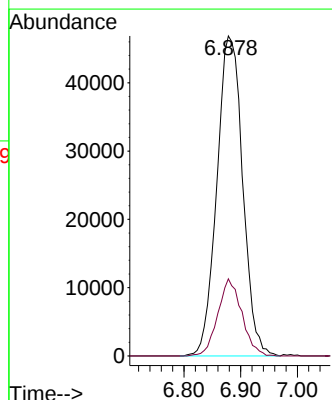
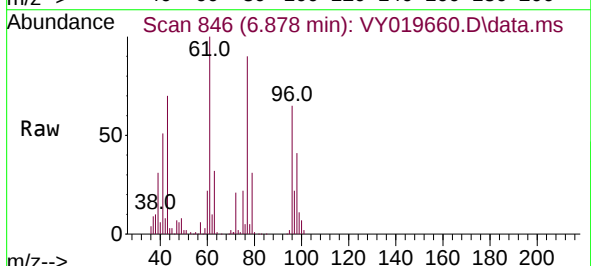
Instrument :
MSVOA_Y
ClientSampleId :

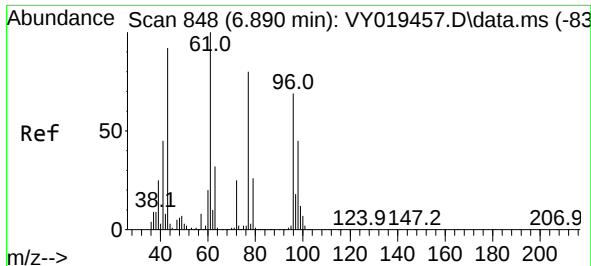
Tgt Ion: 43 Resp: 127392
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.509 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 77 Resp: 148236
Ion Ratio Lower Upper
77 100
97 22.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.137 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

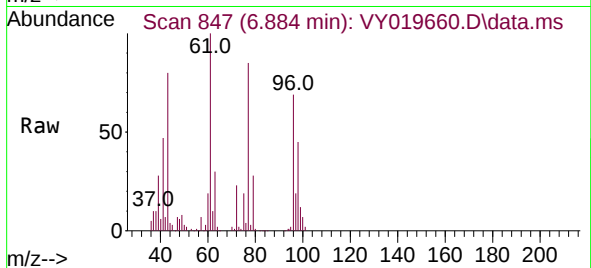
Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :



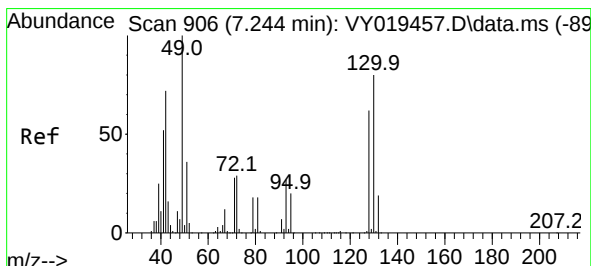
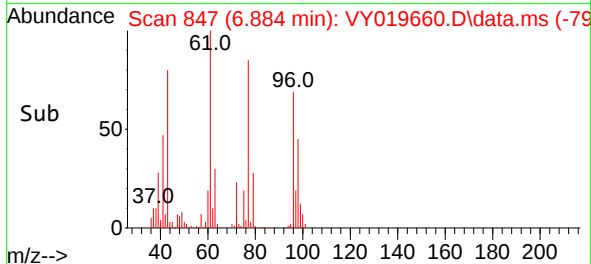
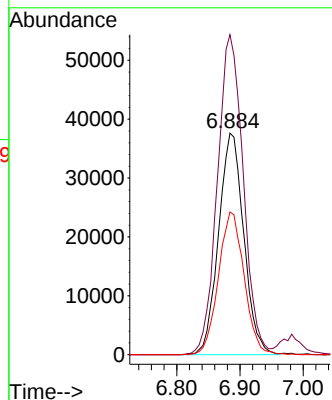
Tgt Ion: 96 Resp: 104050

Ion Ratio Lower Upper

96 100

61 147.7 0.0 256.2

98 65.7 0.0 130.0



#28

Bromochloromethane

Concen: 19.012 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

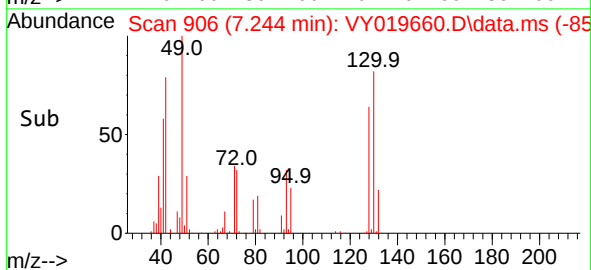
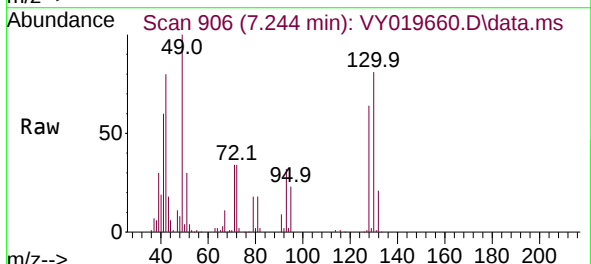
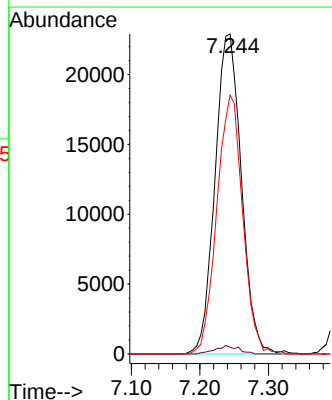
Tgt Ion: 49 Resp: 61115

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 79.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 92.706 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

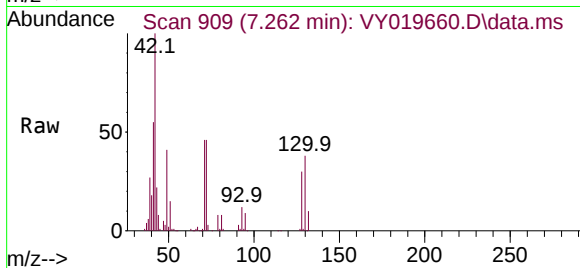
Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

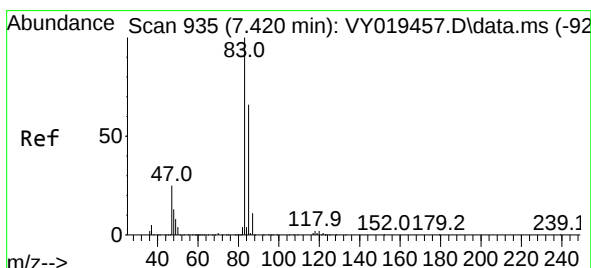
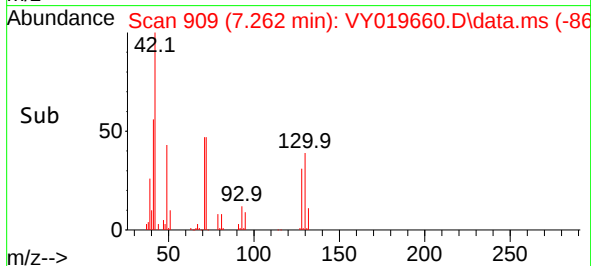
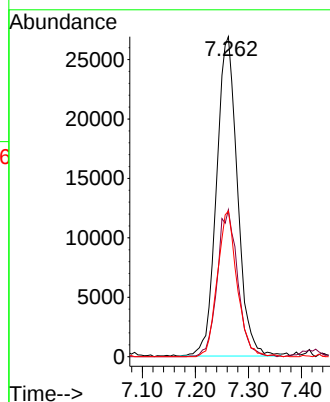
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	73698
Ion	Ratio	Lower	Upper
42	100		
72	45.0	43.0	64.4
71	42.9	40.8	61.2



#30

Chloroform

Concen: 22.494 ug/l

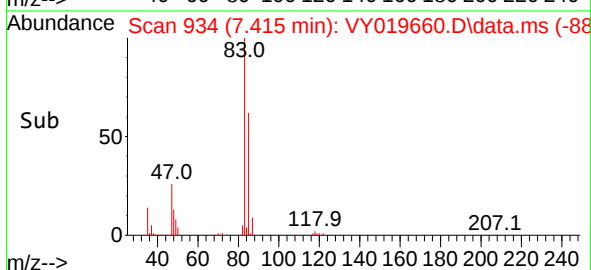
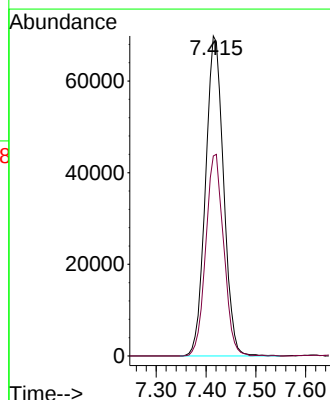
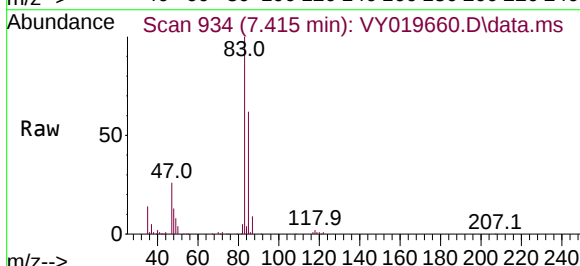
RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

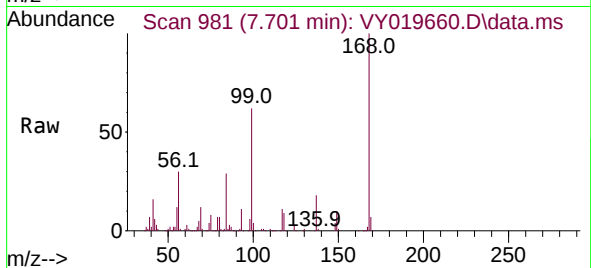
Tgt Ion:	83	Resp:	175441
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.2	78.4



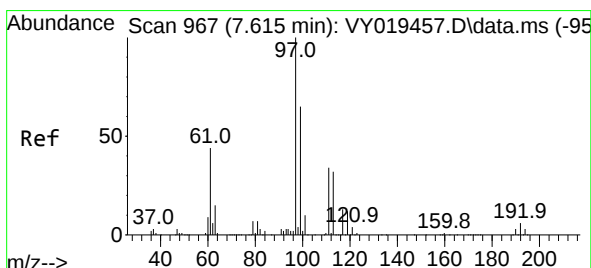
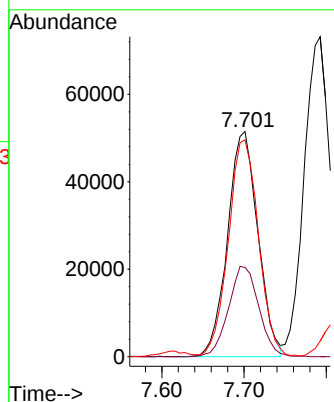
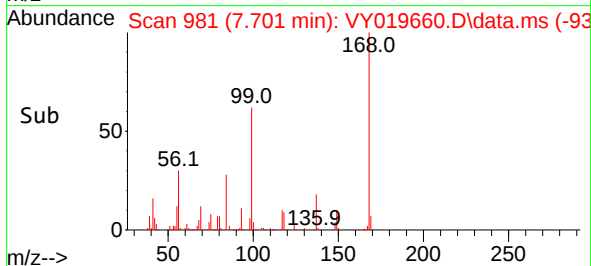


#31
Cyclohexane
Concen: 19.076 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

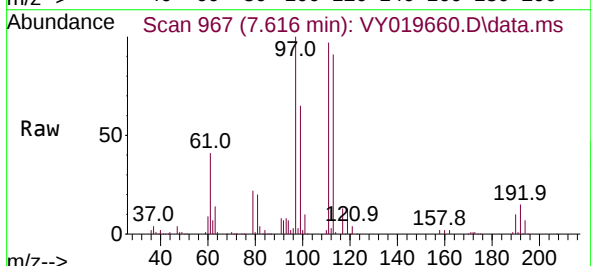
Instrument :
MSVOA_Y
ClientSampleId :



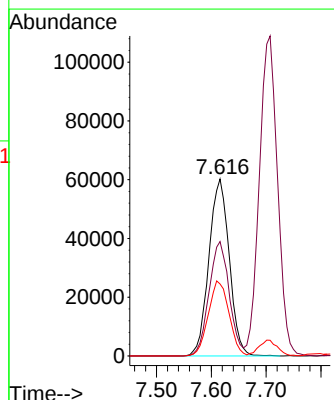
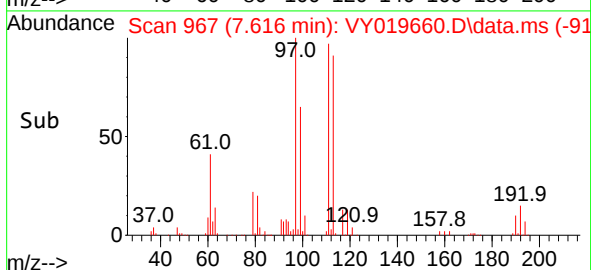
Tgt Ion: 56 Resp: 131737
Ion Ratio Lower Upper
56 100
69 39.6 28.7 43.1
84 94.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.180 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



Tgt Ion: 97 Resp: 155055
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.519 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

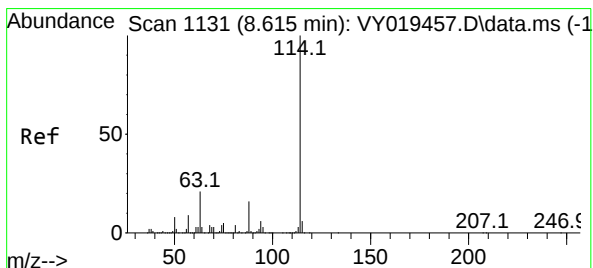
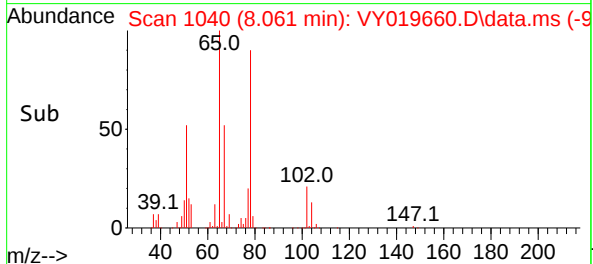
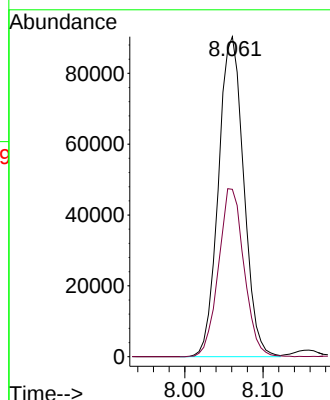
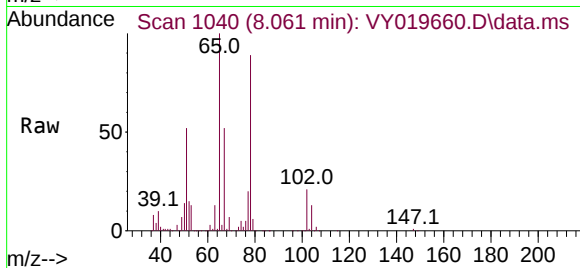
ClientSampleId :

Tgt Ion: 65 Resp: 202658

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

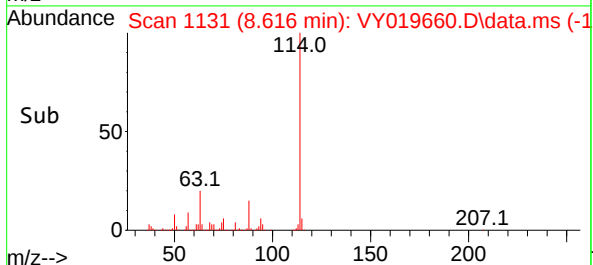
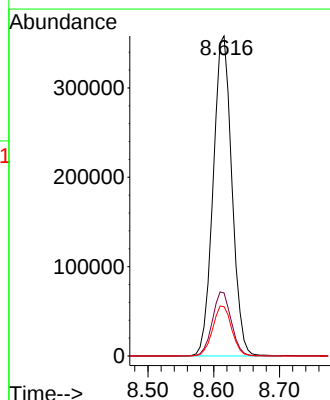
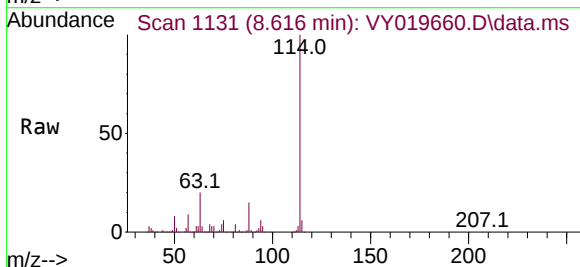
Tgt Ion: 114 Resp: 709663

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

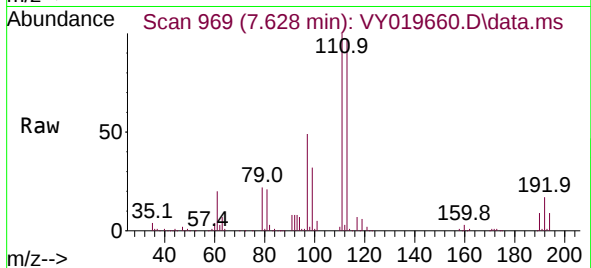
88 15.4 0.0 27.2



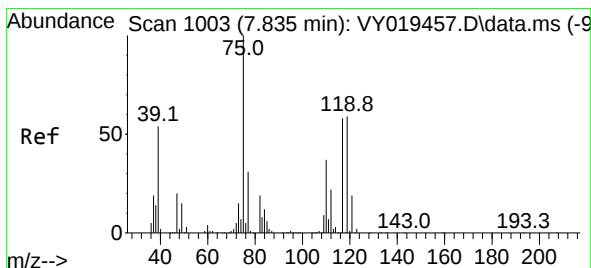
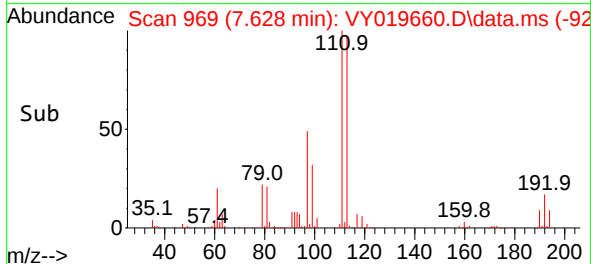
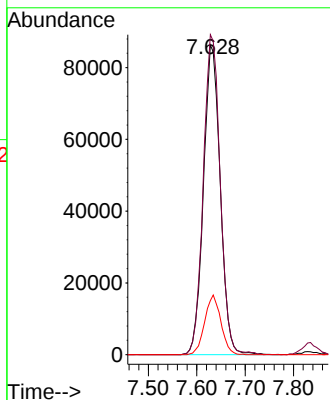


#35
Dibromofluoromethane
Concen: 51.656 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

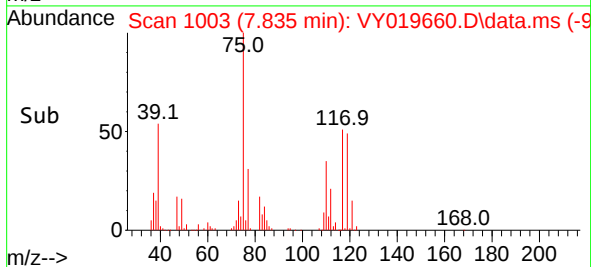
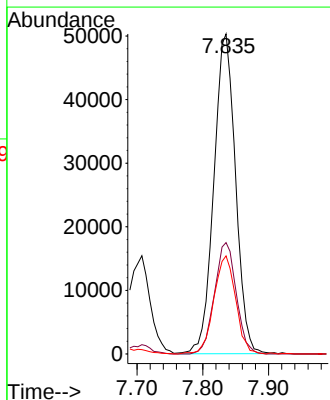
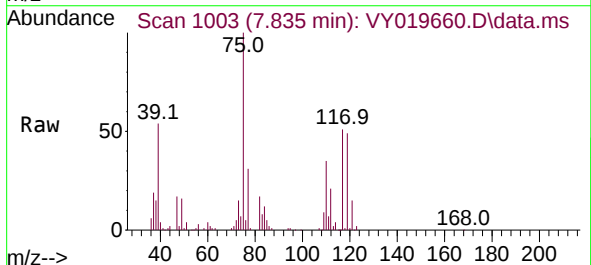


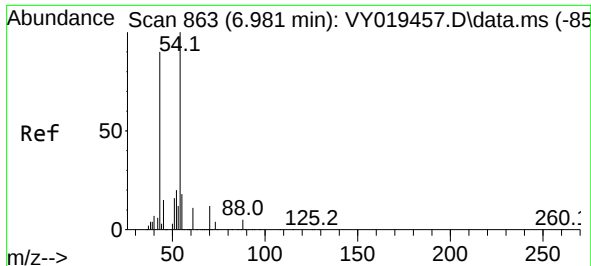
Tgt Ion:113 Resp: 207848
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.096 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 75 Resp: 115501
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 20.174 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

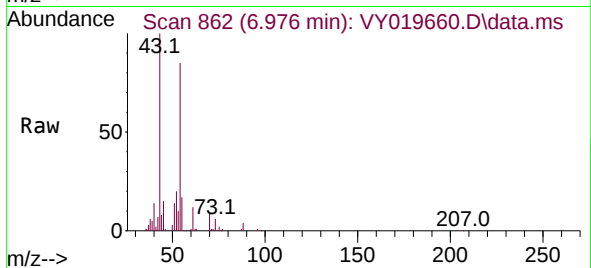
Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :



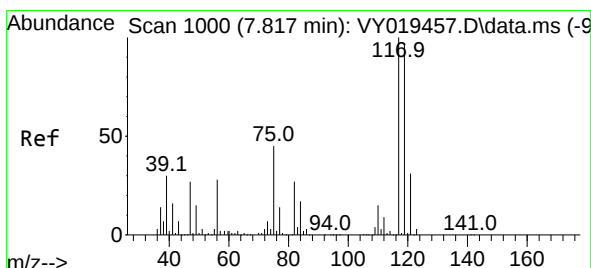
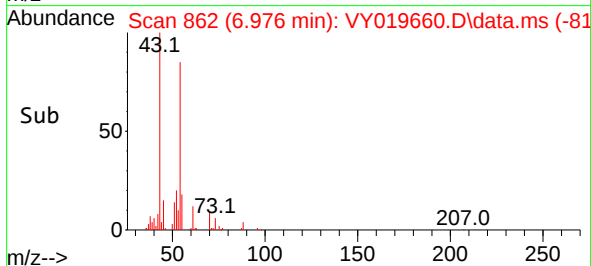
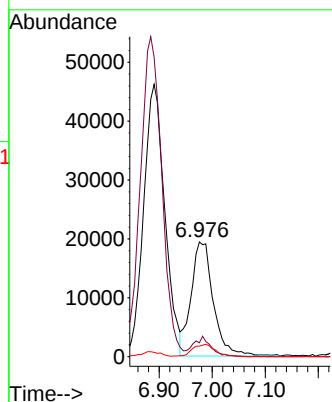
Tgt Ion: 43 Resp: 56594

Ion Ratio Lower Upper

43 100

61 13.8 12.6 19.0

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.774 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

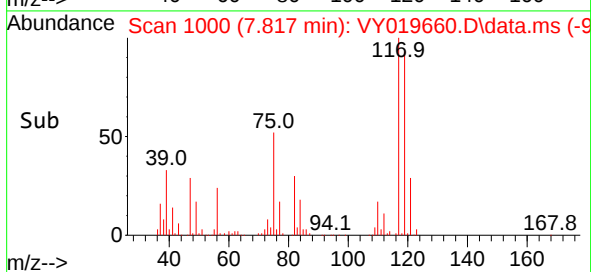
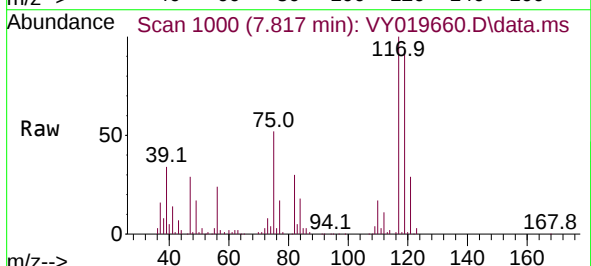
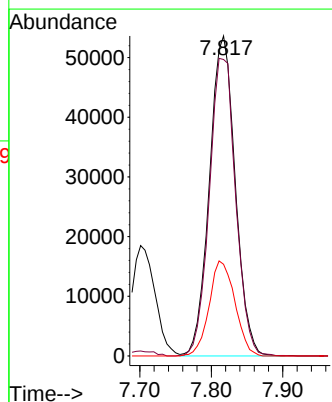
Tgt Ion: 117 Resp: 134435

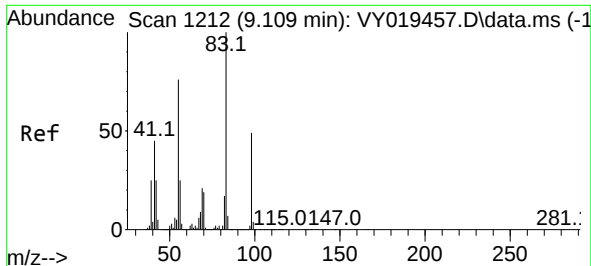
Ion Ratio Lower Upper

117 100

119 92.5 75.8 113.6

121 28.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.905 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

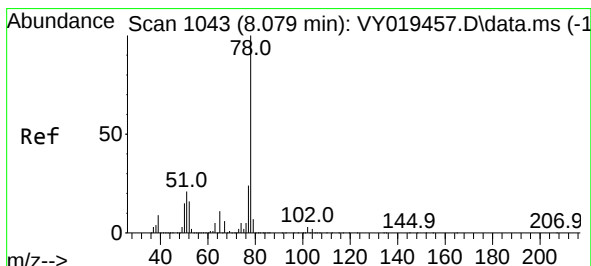
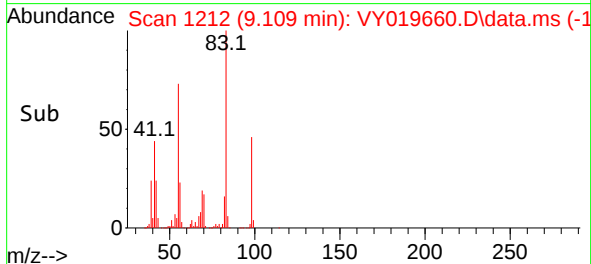
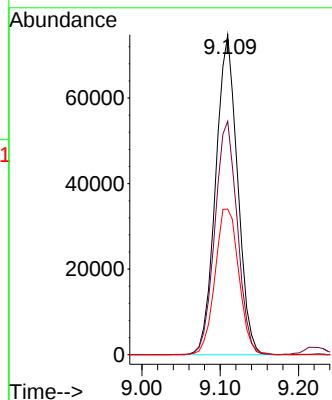
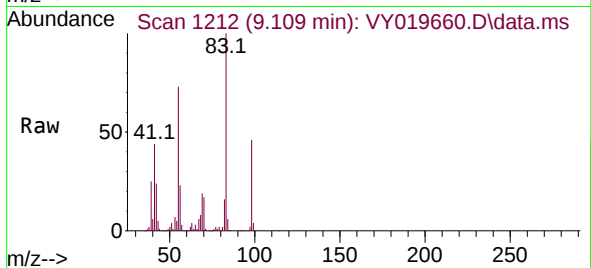
Tgt Ion: 83 Resp: 145033

Ion Ratio Lower Upper

83 100

55 73.0 51.5 77.3

98 45.5 40.5 60.7



#40

Benzene

Concen: 21.036 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019660.D

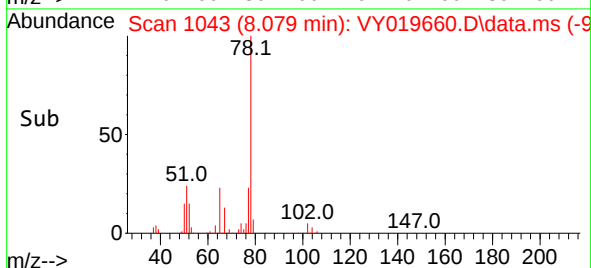
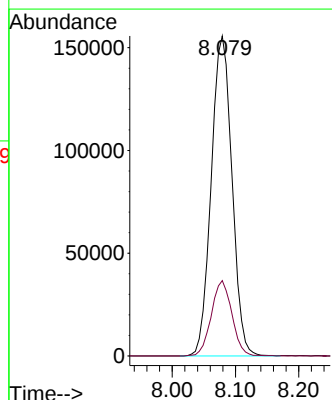
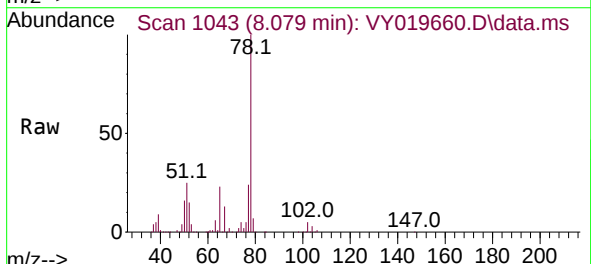
Acq: 23 Sep 2024 11:51

Tgt Ion: 78 Resp: 354742

Ion Ratio Lower Upper

78 100

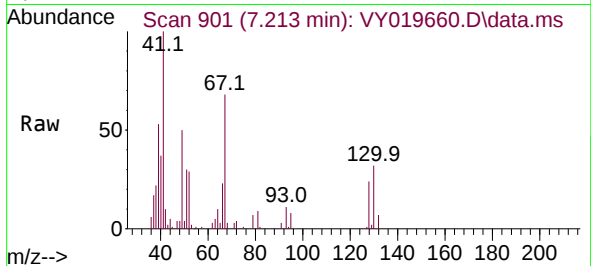
77 23.5 19.5 29.3



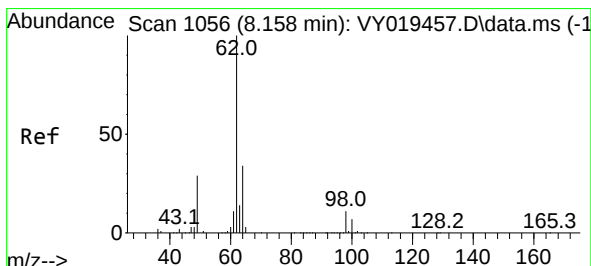
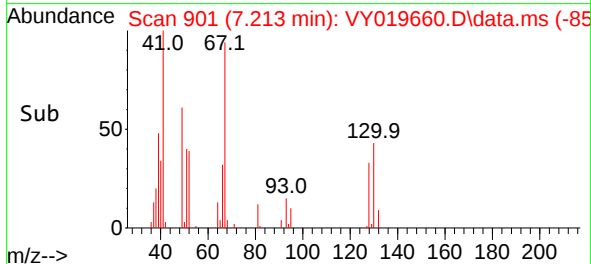
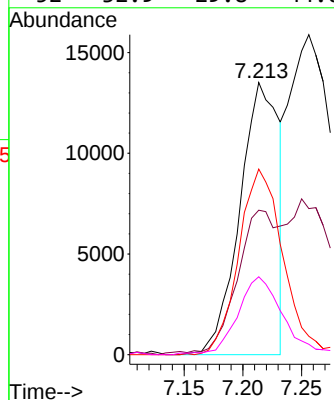


#41
Methacrylonitrile
Concen: 19.143 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

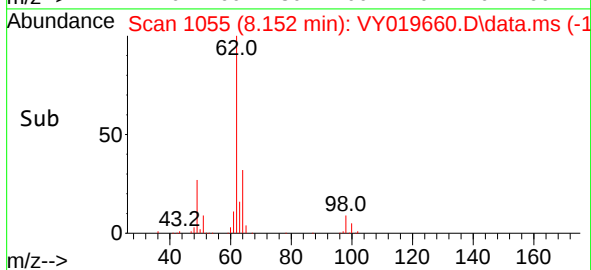
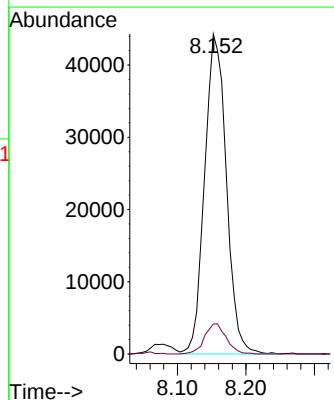
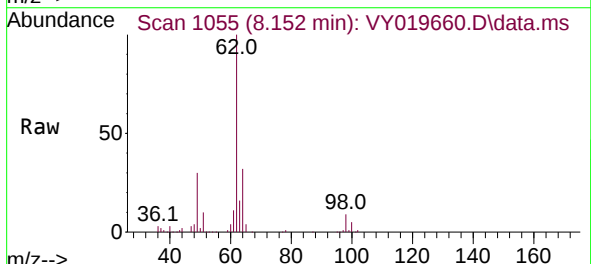


Tgt Ion: 41 Resp: 31304
Ion Ratio Lower Upper
41 100
39 56.9 48.0 72.0
67 77.9 75.1 112.7
52 32.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.590 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 62 Resp: 97968
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0

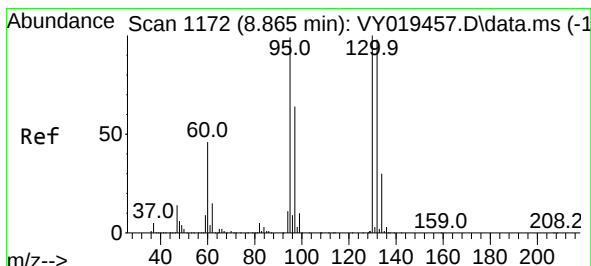
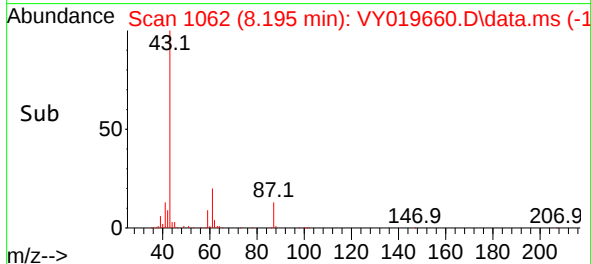
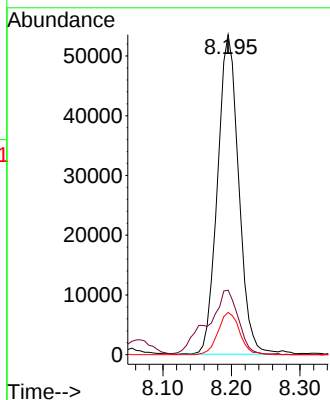
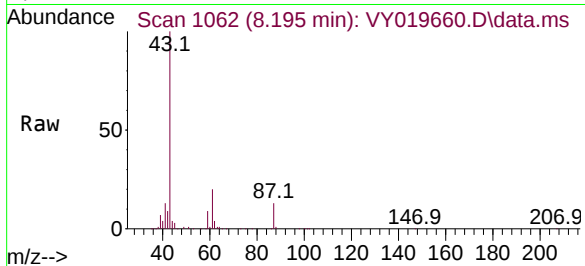




#43
Isopropyl Acetate
Concen: 19.447 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

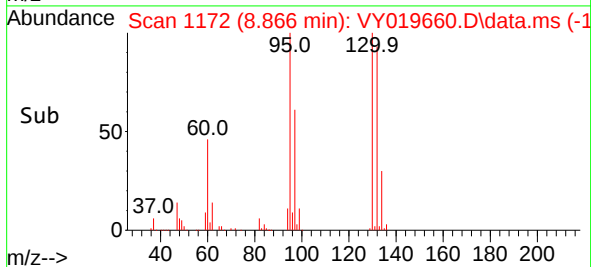
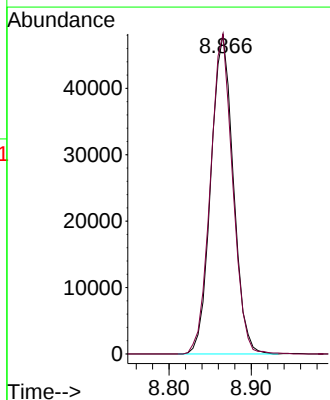
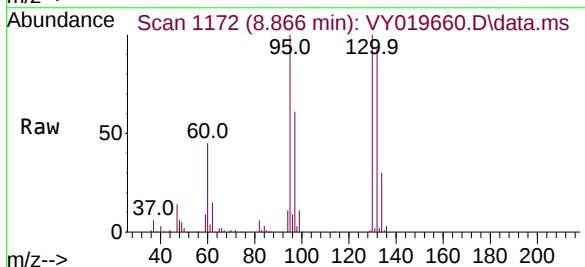
Instrument :
MSVOA_Y
ClientSampleId :

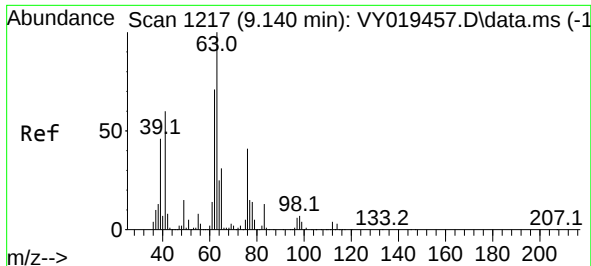
Tgt Ion: 43 Resp: 114613
Ion Ratio Lower Upper
43 100
61 29.0 27.9 41.9
87 13.5 13.1 19.7



#44
Trichloroethene
Concen: 20.935 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion:130 Resp: 90793
Ion Ratio Lower Upper
130 100
95 100.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.902 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

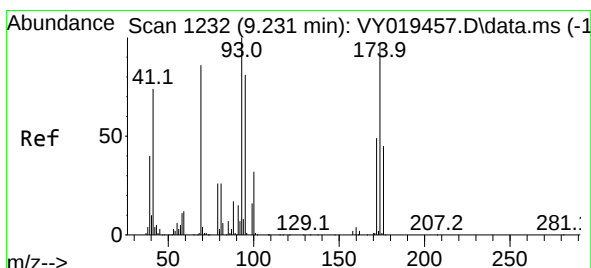
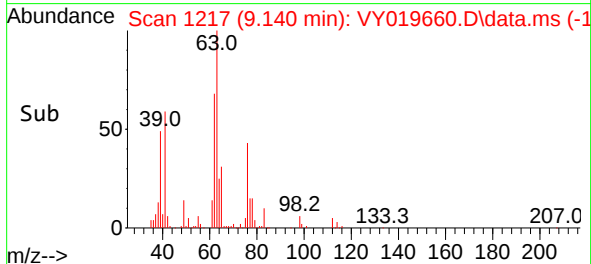
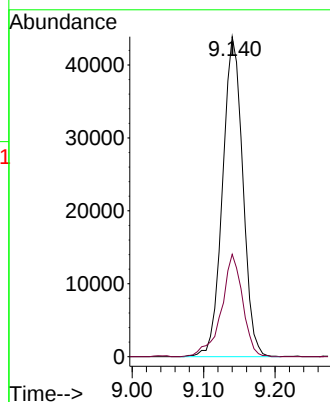
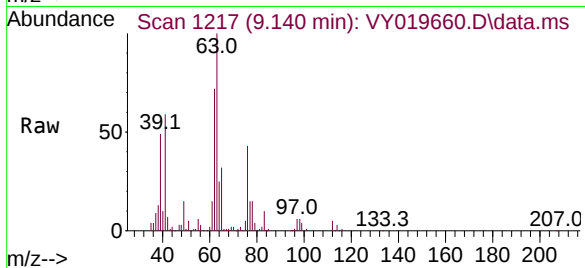
ClientSampleId :

Tgt Ion: 63 Resp: 86170

Ion Ratio Lower Upper

63 100

65 32.0 25.4 38.2



#46

Dibromomethane

Concen: 20.751 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

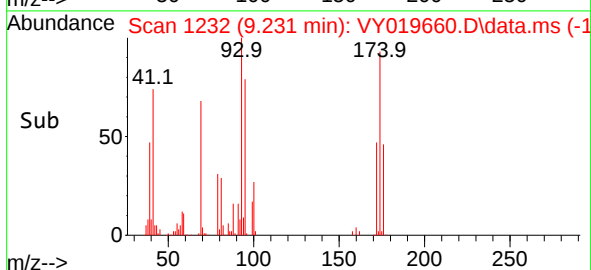
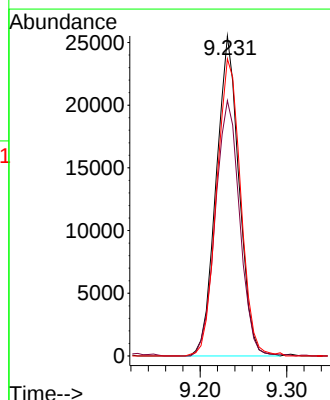
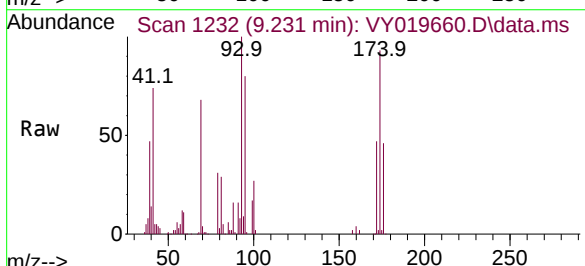
Tgt Ion: 93 Resp: 46782

Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 97.5 80.9 121.3

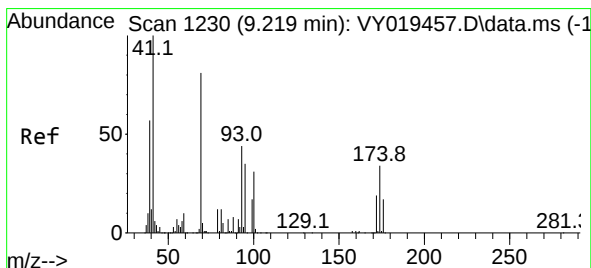
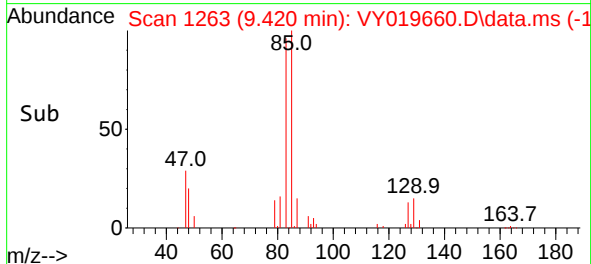
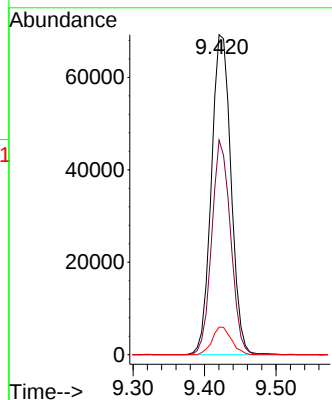
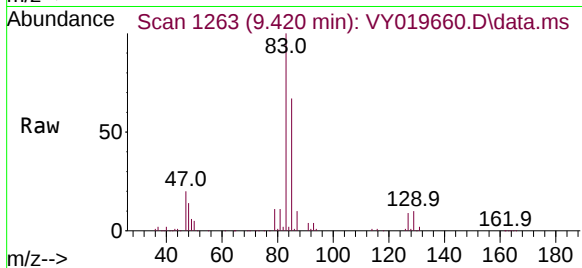




#47
Bromodichloromethane
Concen: 21.787 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

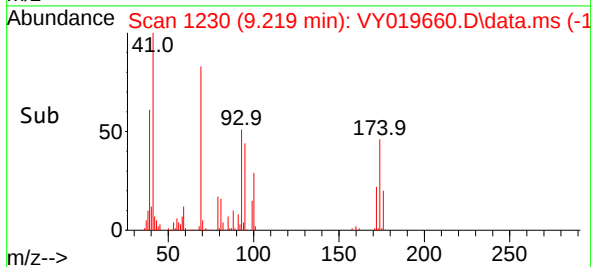
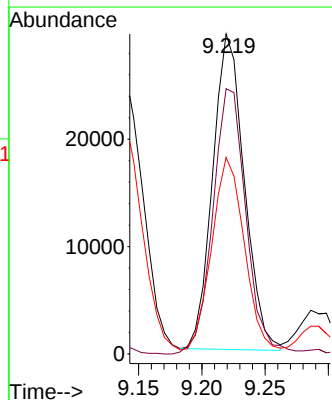
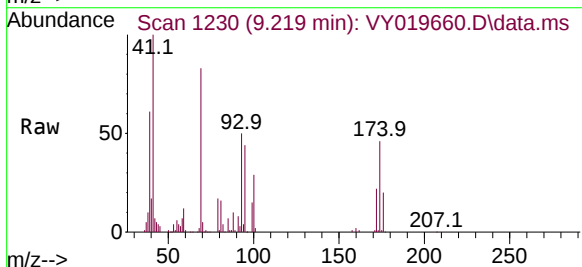
Instrument :
MSVOA_Y
ClientSampleId :

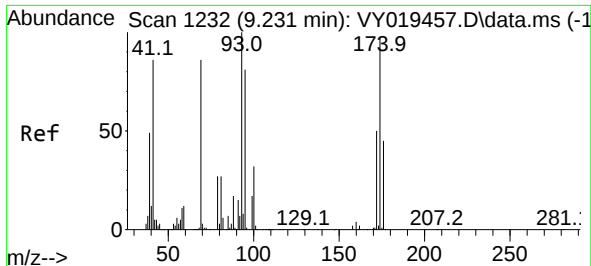
Tgt Ion: 83 Resp: 132037
Ion Ratio Lower Upper
83 100
85 67.0 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 18.350 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 41 Resp: 51071
Ion Ratio Lower Upper
41 100
69 88.2 84.1 126.1
39 62.5 43.6 65.4





#49

1,4-Dioxane

Concen: 383.002 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

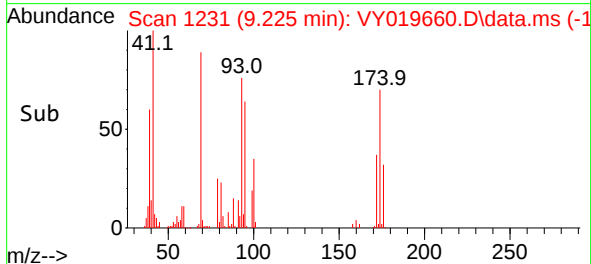
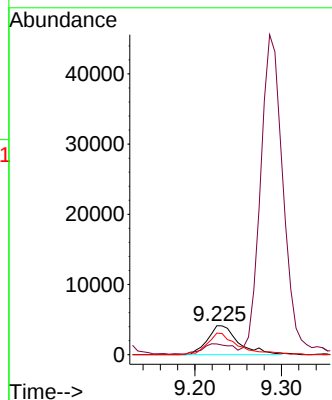
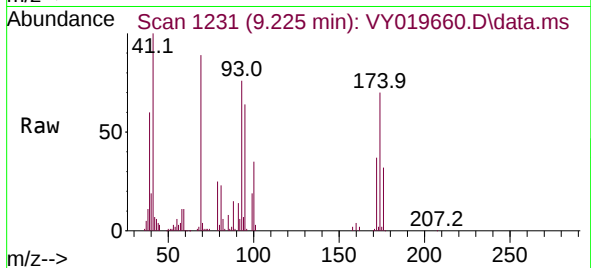
Tgt Ion: 88 Resp: 10165

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0#

58 75.3 49.3 73.9#



#50

Toluene-d8

Concen: 51.717 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019660.D

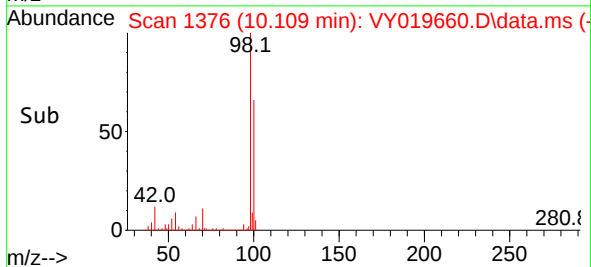
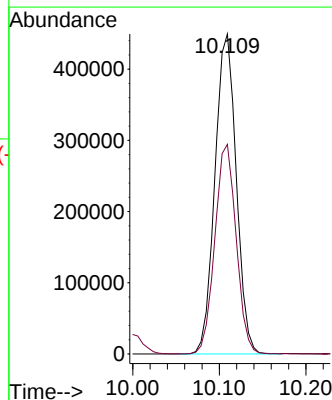
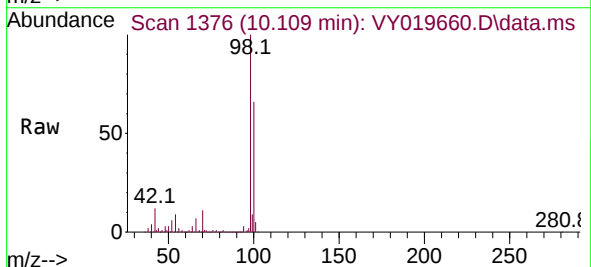
Acq: 23 Sep 2024 11:51

Tgt Ion: 98 Resp: 769675

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 94.525 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

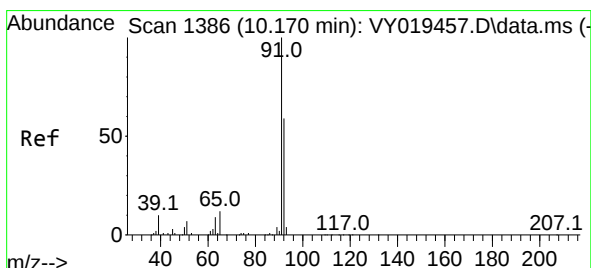
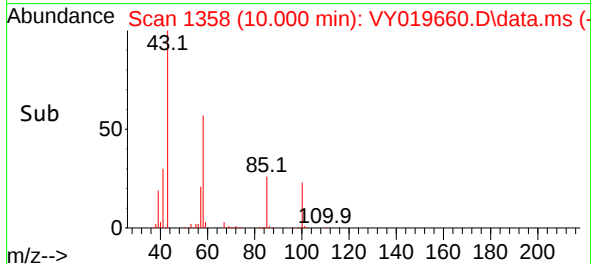
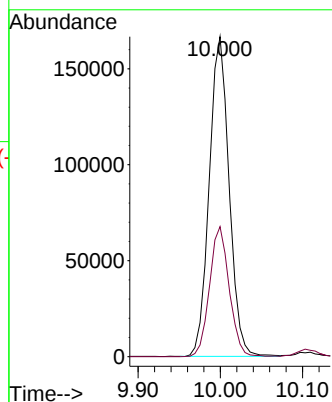
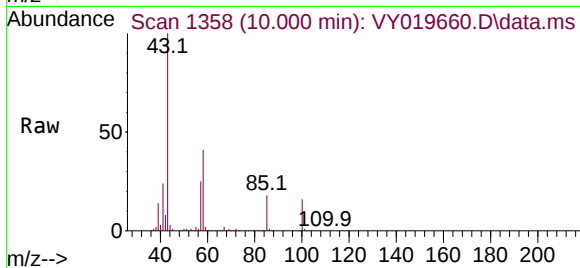
ClientSampleId :

Tgt Ion: 43 Resp: 280273

Ion Ratio Lower Upper

43 100

58 40.3 35.7 53.5



#52

Toluene

Concen: 21.032 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019660.D

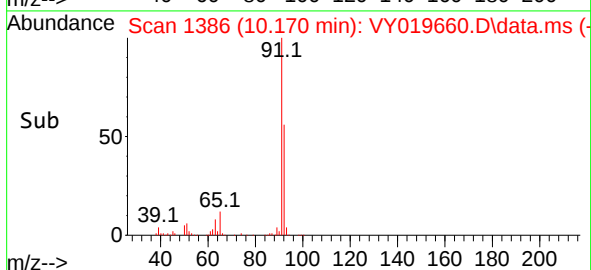
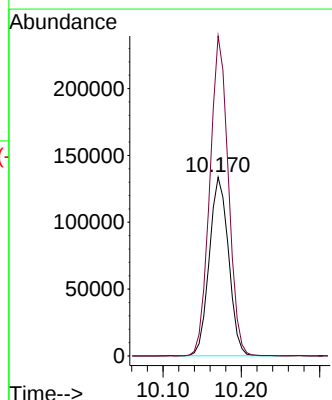
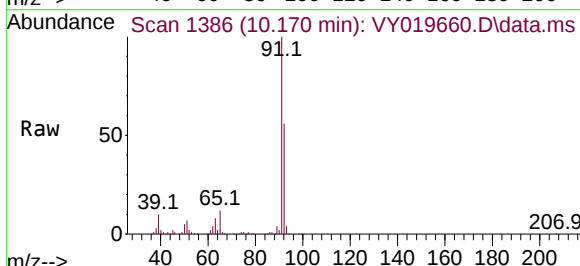
Acq: 23 Sep 2024 11:51

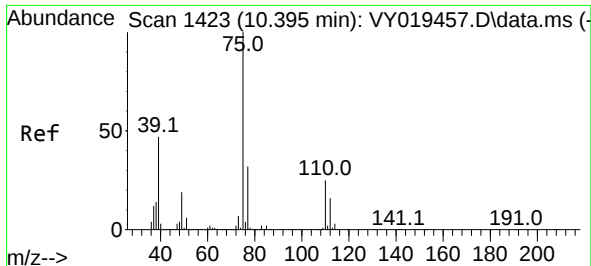
Tgt Ion: 92 Resp: 228109

Ion Ratio Lower Upper

92 100

91 172.9 139.0 208.6

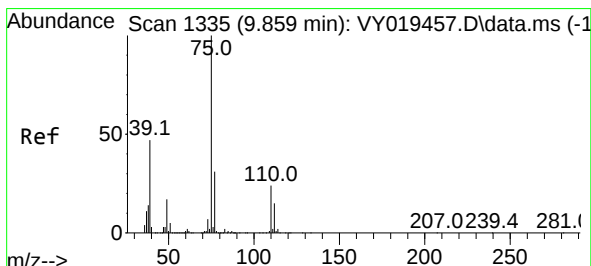
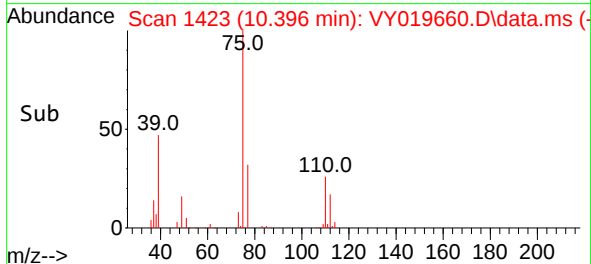
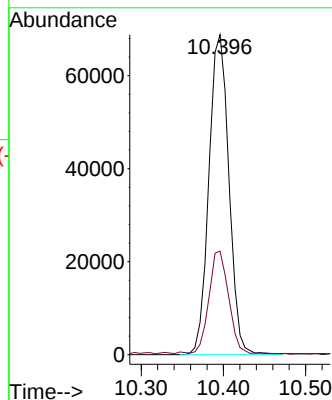
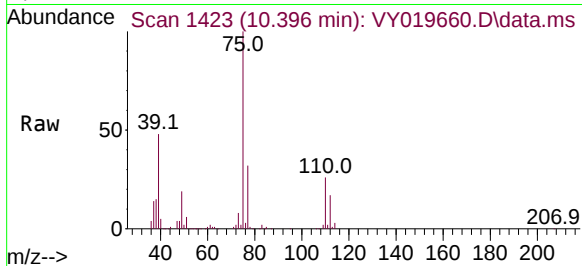




#53
t-1,3-Dichloropropene
Concen: 20.147 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

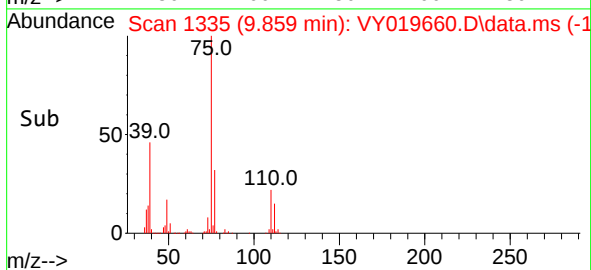
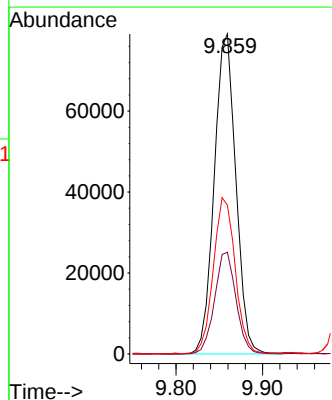
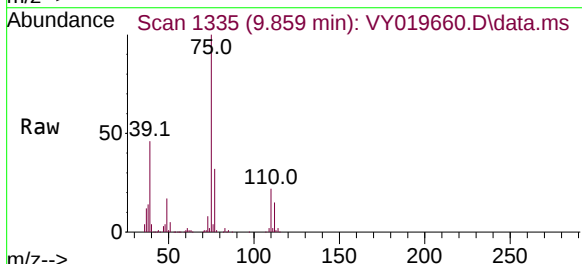
Instrument :
MSVOA_Y
ClientSampleId :

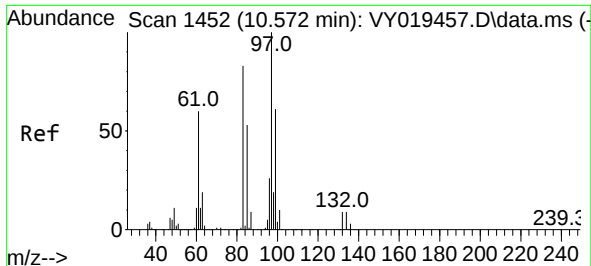
Tgt Ion: 75 Resp: 116391
Ion Ratio Lower Upper
75 100
77 32.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.368 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 75 Resp: 137013
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 46.4 29.8 44.6#

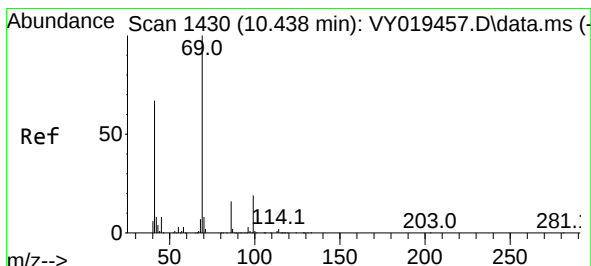
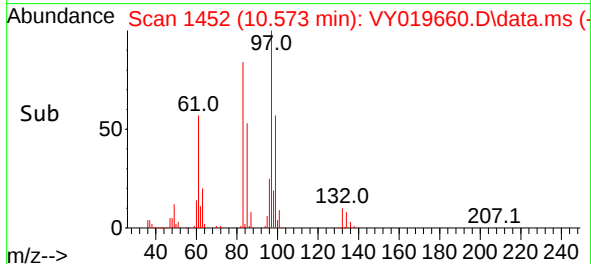
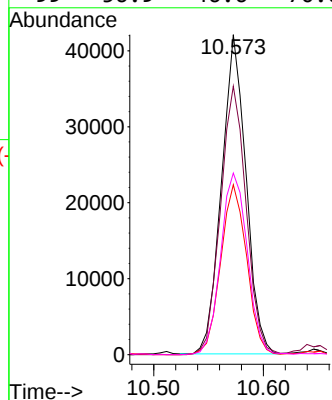
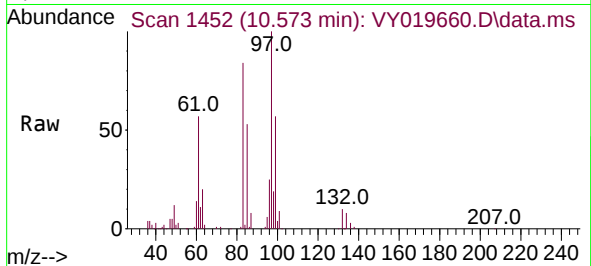




#55
1,1,2-Trichloroethane
Concen: 20.934 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

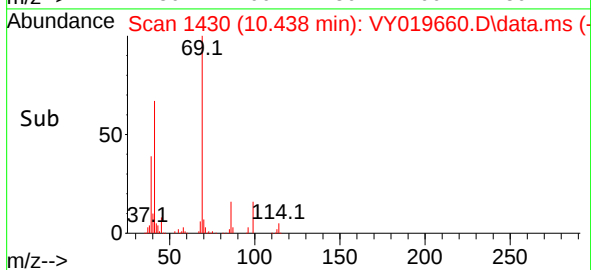
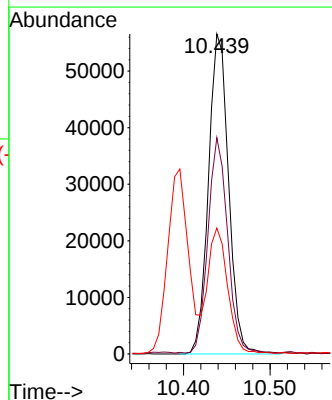
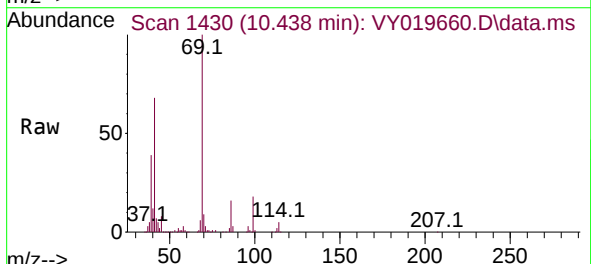
Instrument :
MSVOA_Y
ClientSampleId :

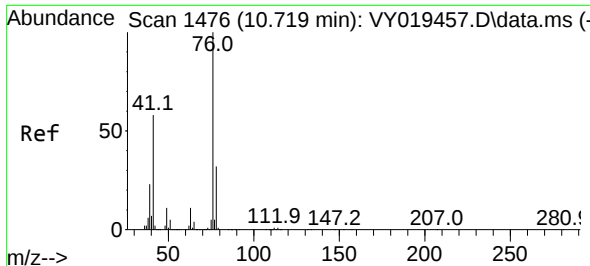
Tgt Ion: 97	Resp: 65175
Ion Ratio	Lower Upper
97 100	
83 84.1	67.5 101.3
85 53.2	42.9 64.3
99 56.9	46.6 70.0



#56
Ethyl methacrylate
Concen: 19.310 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 69	Resp: 91326
Ion Ratio	Lower Upper
69 100	
41 65.5	42.3 63.5#
39 37.9	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.583 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

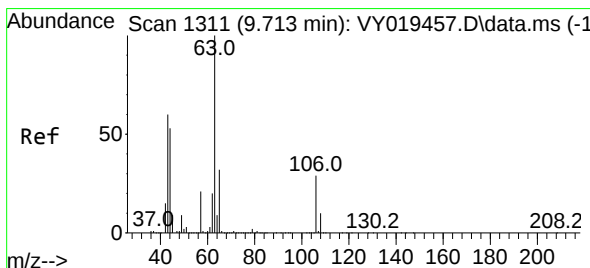
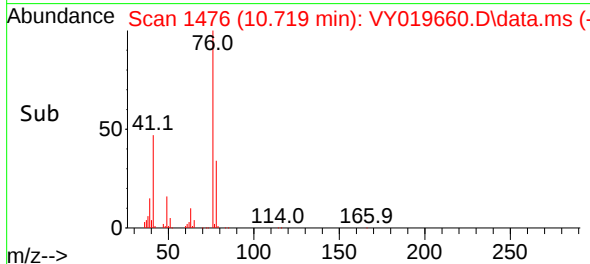
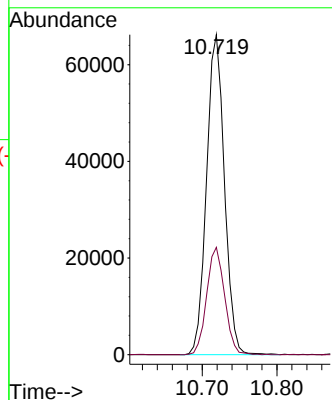
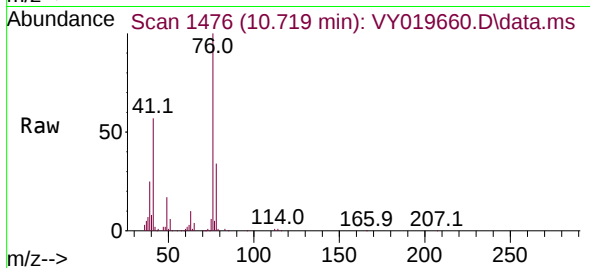
ClientSampleId :

Tgt Ion: 76 Resp: 110152

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 90.740 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019660.D

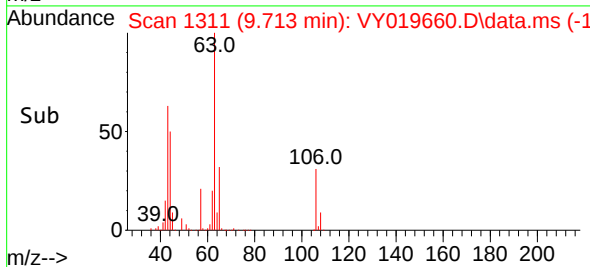
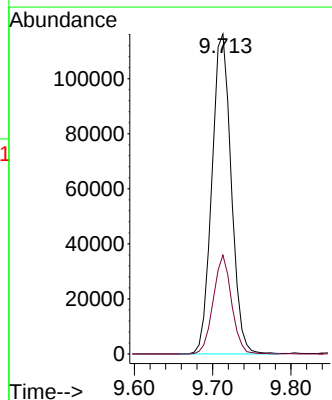
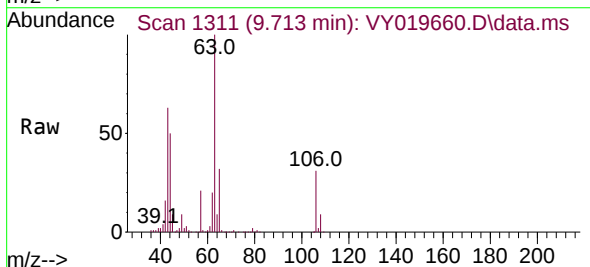
Acq: 23 Sep 2024 11:51

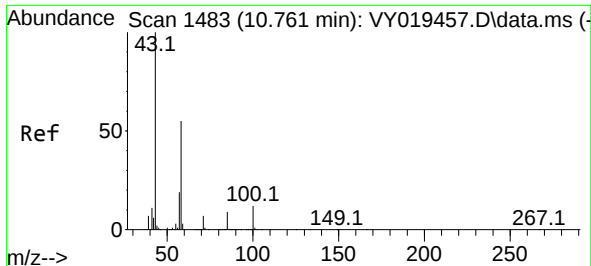
Tgt Ion: 63 Resp: 199180

Ion Ratio Lower Upper

63 100

106 29.2 23.7 35.5





#59

2-Hexanone

Concen: 90.791 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

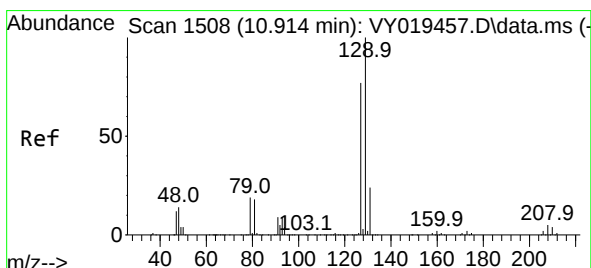
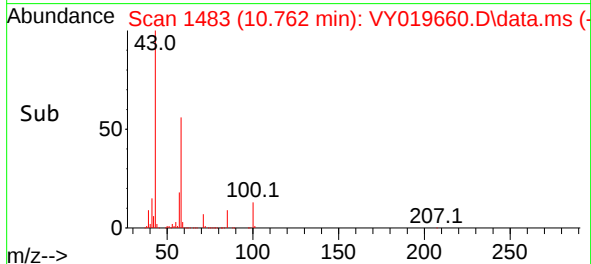
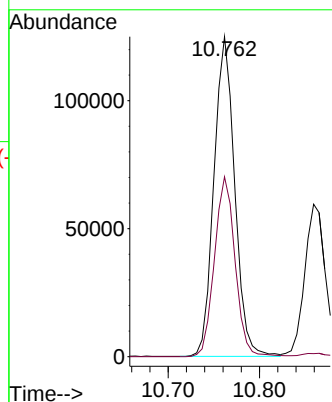
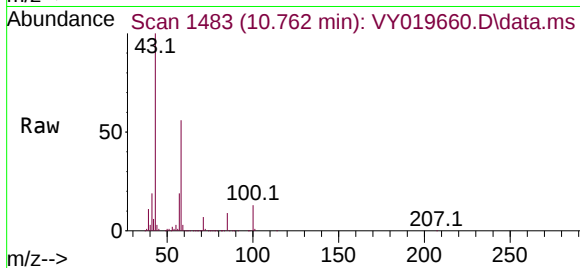
ClientSampleId :

Tgt Ion: 43 Resp: 197360

Ion Ratio Lower Upper

43 100

58 55.8 31.4 94.0



#60

Dibromochloromethane

Concen: 21.051 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019660.D

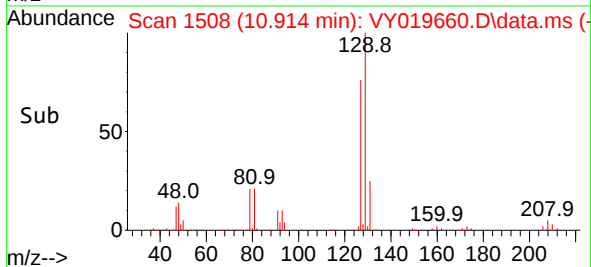
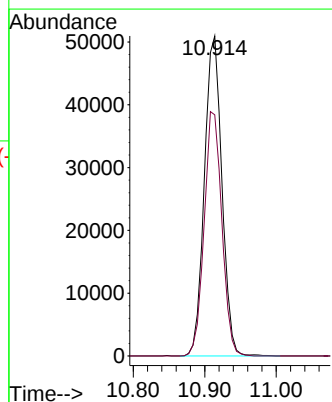
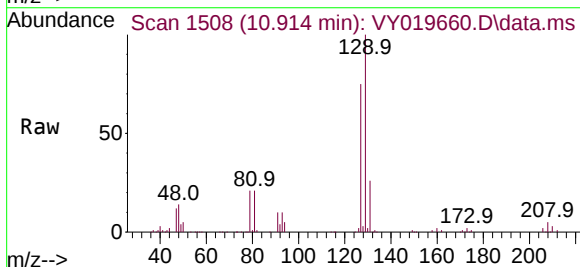
Acq: 23 Sep 2024 11:51

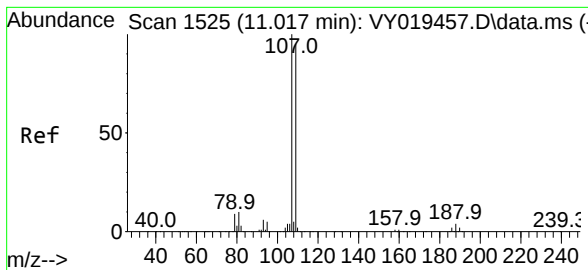
Tgt Ion: 129 Resp: 86696

Ion Ratio Lower Upper

129 100

127 77.2 39.0 117.0

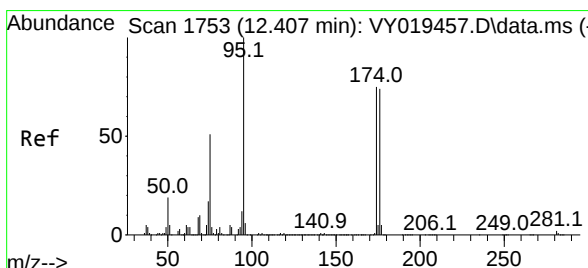
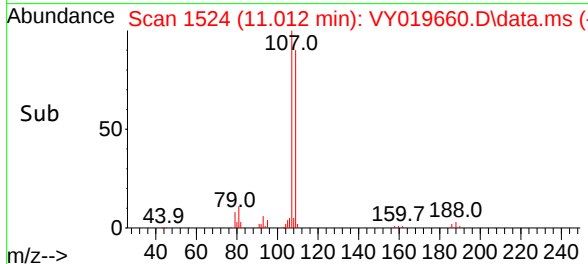
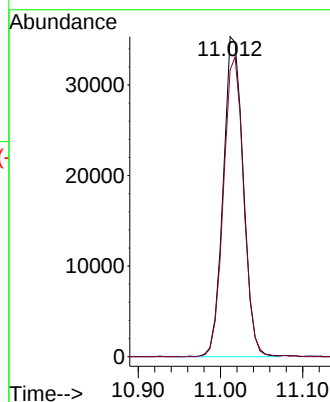
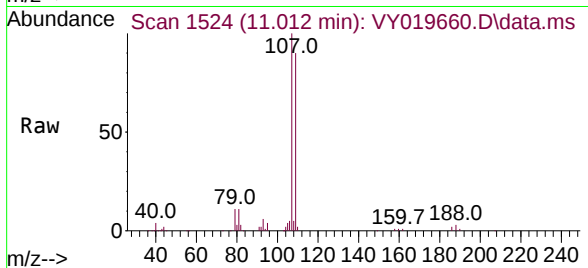




#61
1,2-Dibromoethane
Concen: 20.646 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

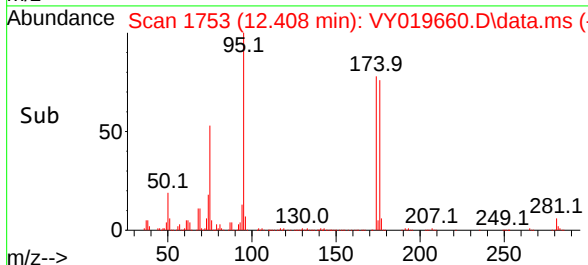
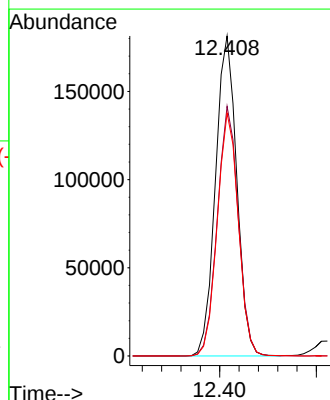
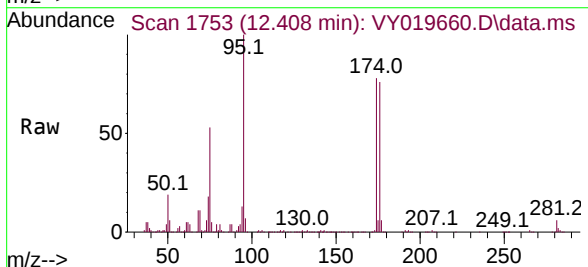
Instrument :
MSVOA_Y
ClientSampleId :

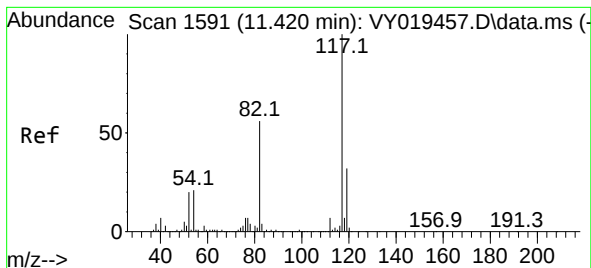
Tgt Ion:107 Resp: 59892
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.374 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 95 Resp: 276817
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 75.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

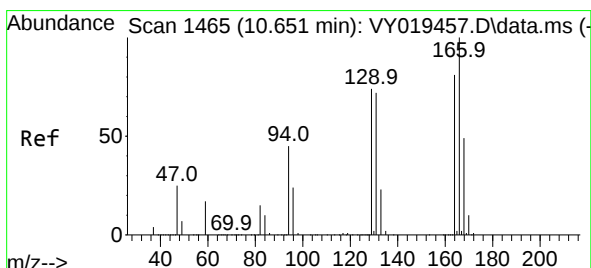
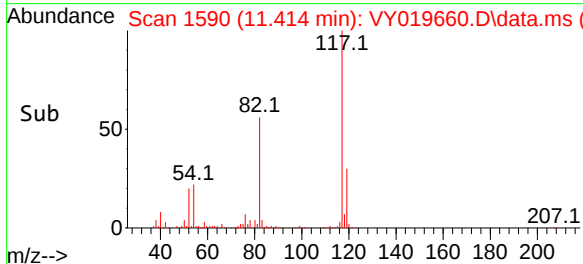
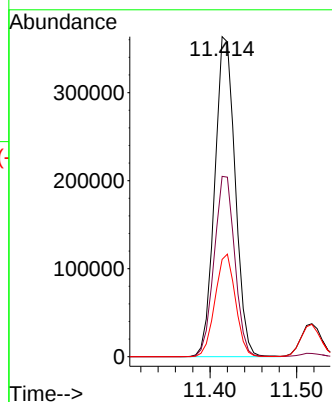
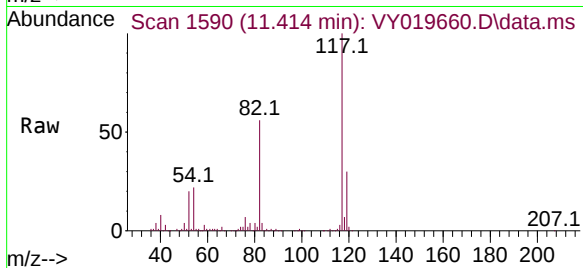
Tgt Ion:117 Resp: 596345

Ion Ratio Lower Upper

117 100

82 56.4 42.4 63.6

119 30.4 25.9 38.9



#64

Tetrachloroethene

Concen: 21.307 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Tgt Ion:164 Resp: 78685

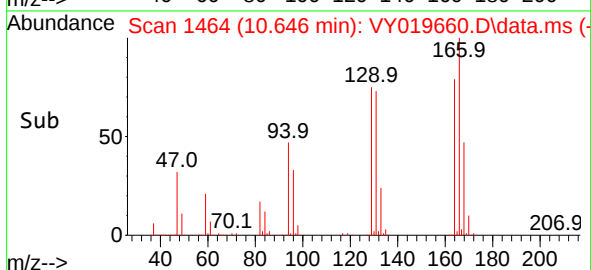
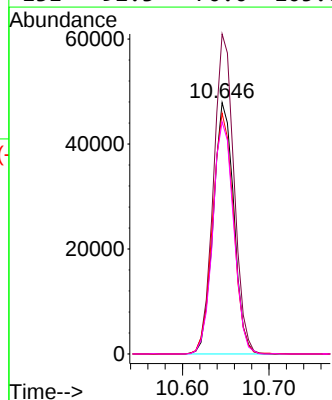
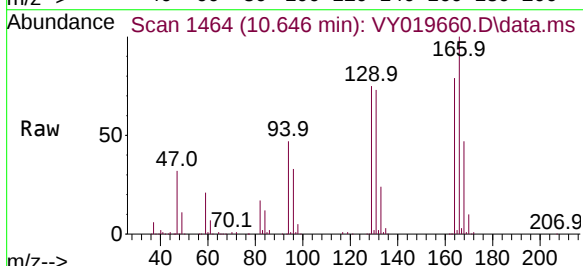
Ion Ratio Lower Upper

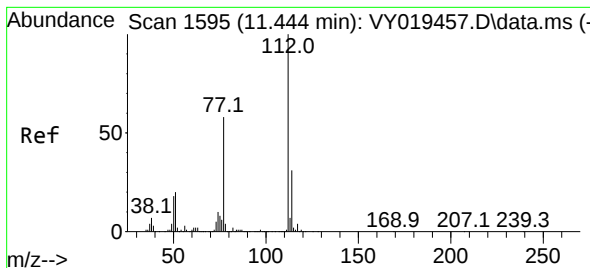
164 100

166 127.3 102.6 154.0

129 95.7 72.0 108.0

131 92.3 70.0 105.0





#65

Chlorobenzene

Concen: 21.814 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

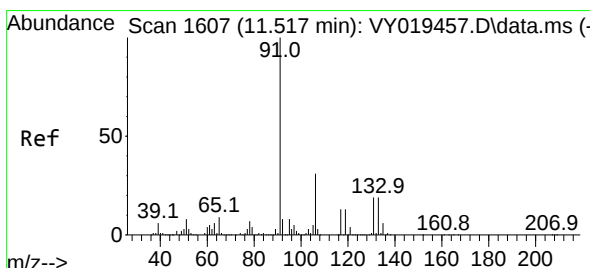
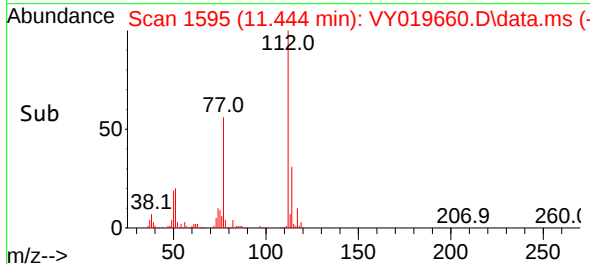
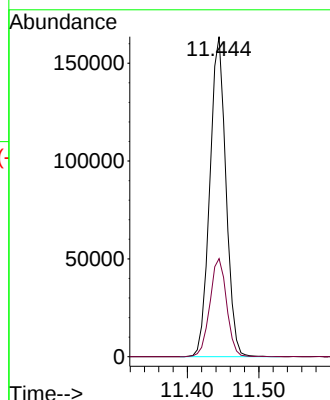
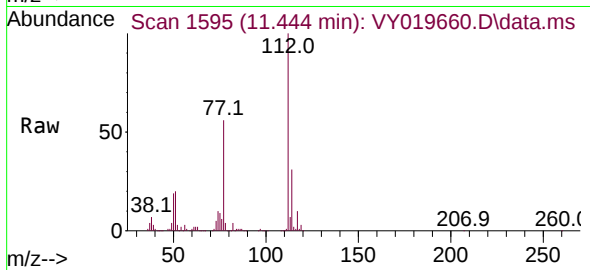
ClientSampleId :

Tgt Ion:112 Resp: 255892

Ion Ratio Lower Upper

112 100

114 30.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.053 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

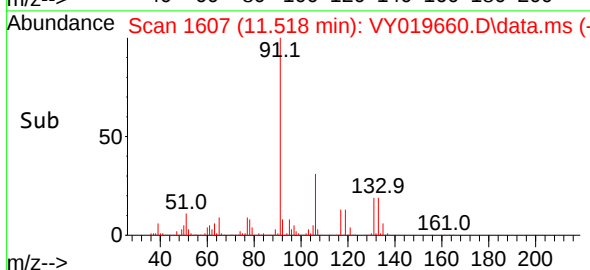
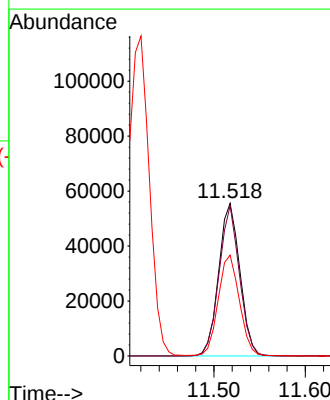
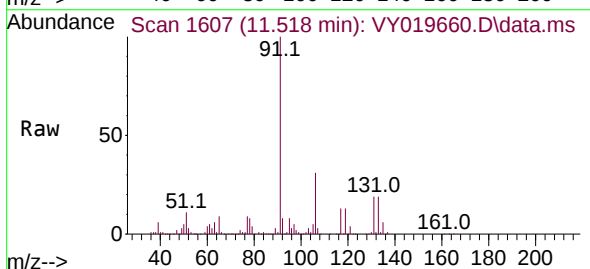
Tgt Ion:131 Resp: 89568

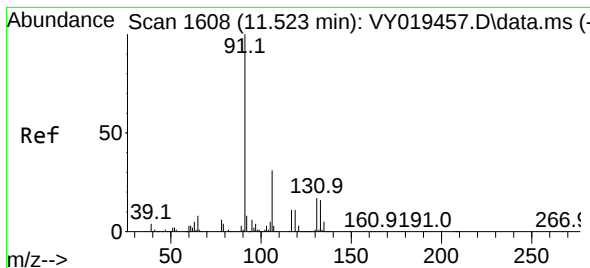
Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 21.836 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

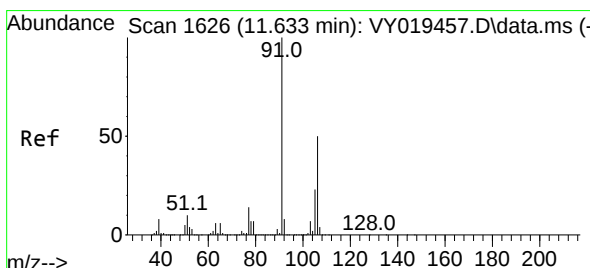
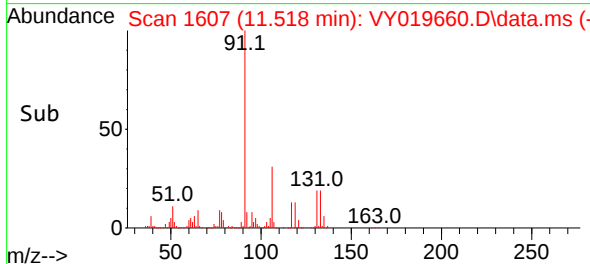
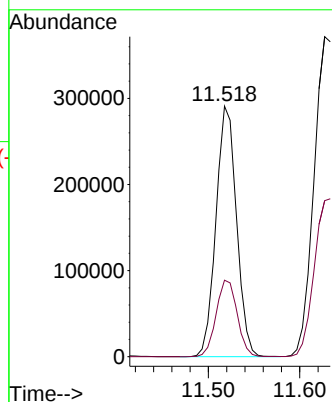
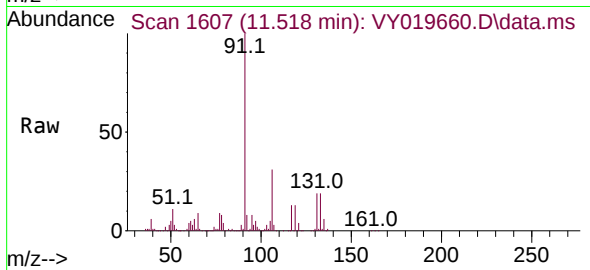
ClientSampleId :

Tgt Ion: 91 Resp: 455129

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 43.772 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY019660.D

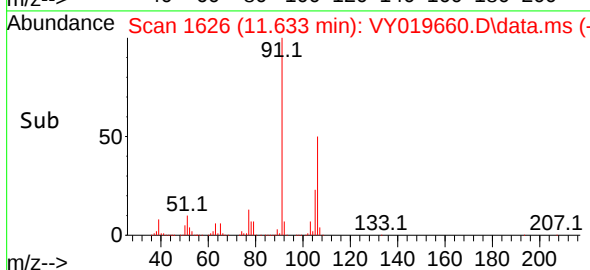
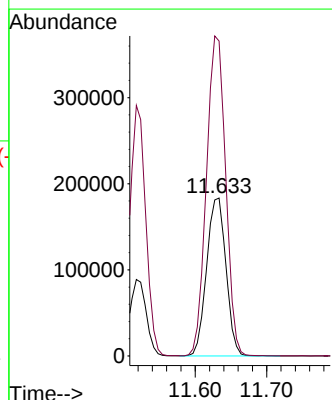
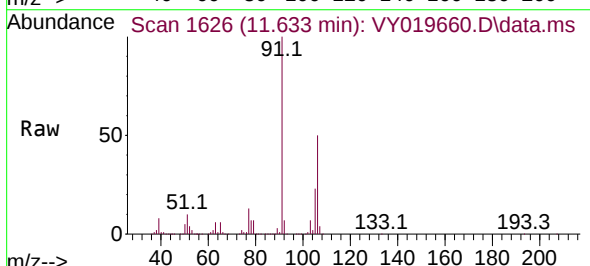
Acq: 23 Sep 2024 11:51

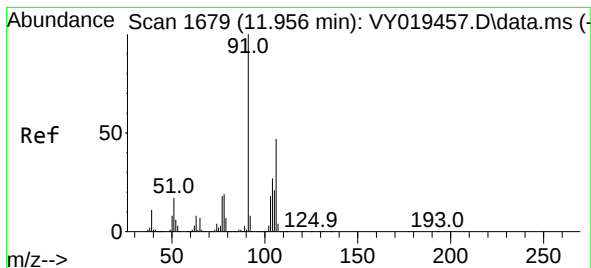
Tgt Ion:106 Resp: 344974

Ion Ratio Lower Upper

106 100

91 201.6 156.0 234.0

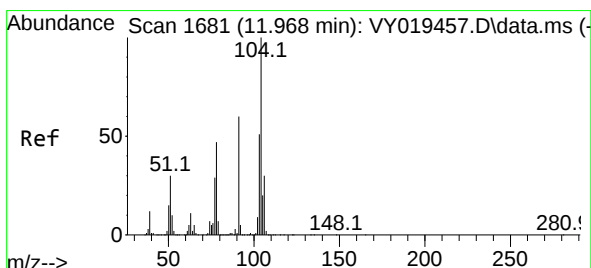
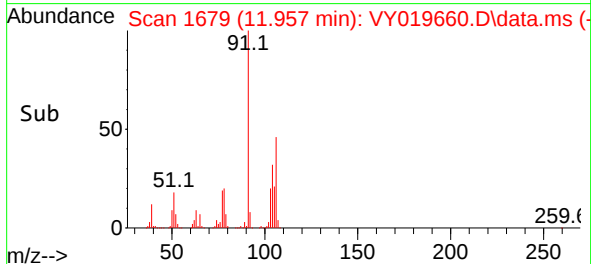
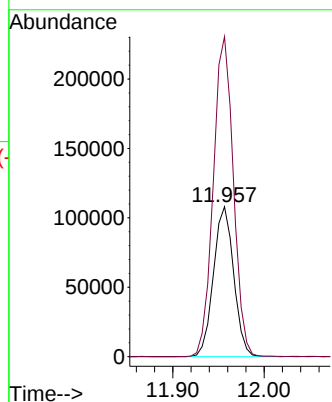
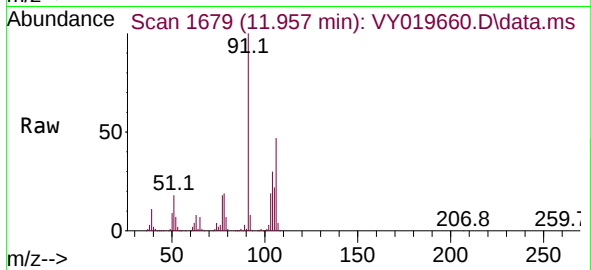




#69
o-Xylene
Concen: 21.548 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

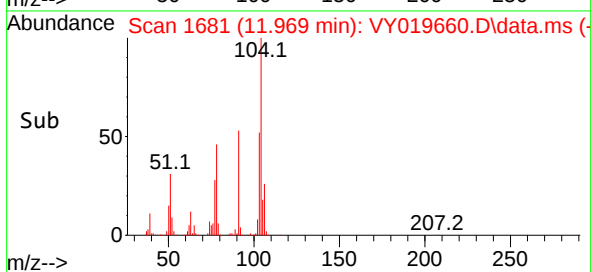
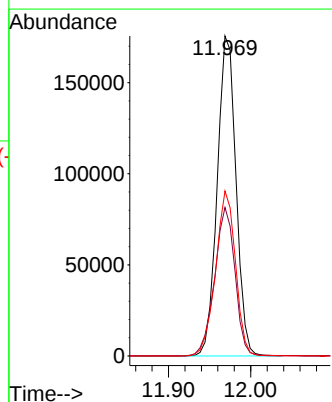
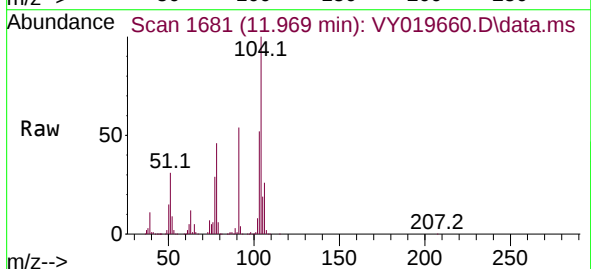
Instrument :
MSVOA_Y
ClientSampleId :

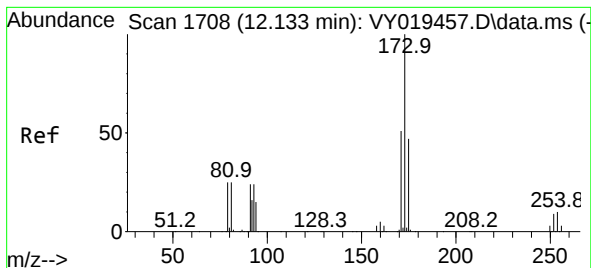
Tgt Ion:106 Resp: 166086
Ion Ratio Lower Upper
106 100
91 212.4 103.6 310.8



#70
Styrene
Concen: 21.421 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion:104 Resp: 278752
Ion Ratio Lower Upper
104 100
78 50.4 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 20.798 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019660.D

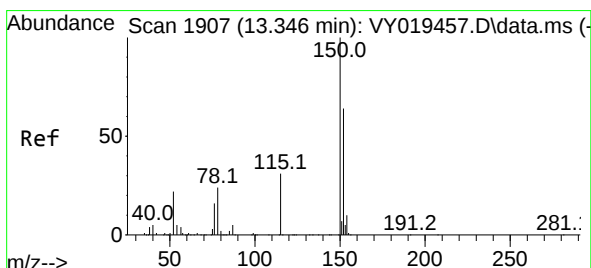
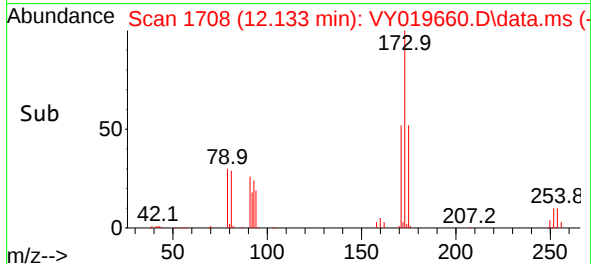
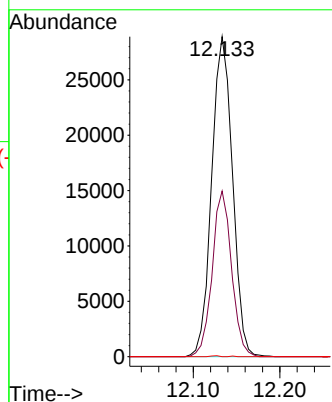
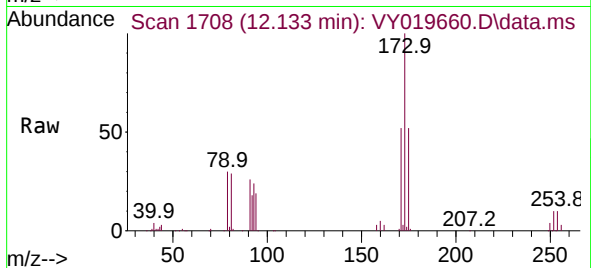
Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	48246
Ion Ratio	Lower	Upper
173	100	
175	48.2	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

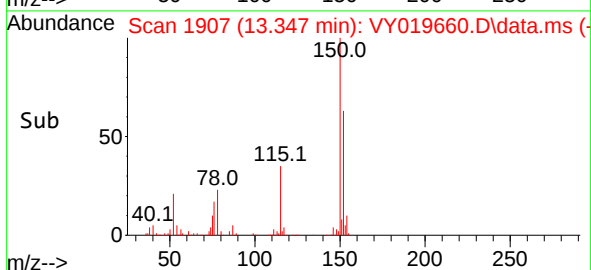
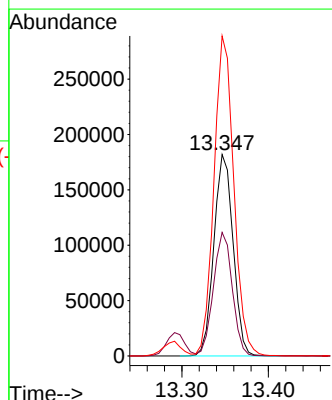
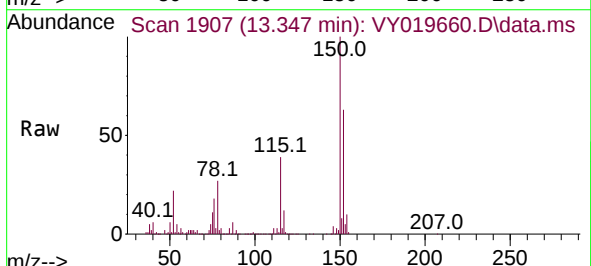
RT: 13.347 min Scan# 1907

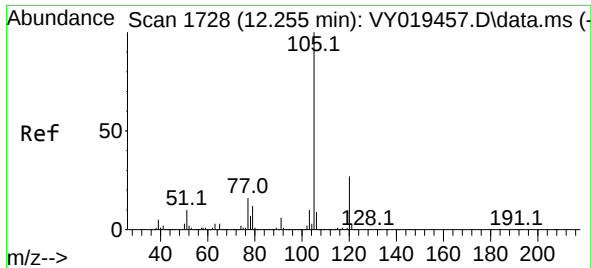
Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Tgt Ion:152	Resp:	280564
Ion Ratio	Lower	Upper
152	100	
115	60.4	28.2 84.7
150	163.9	0.0 345.6

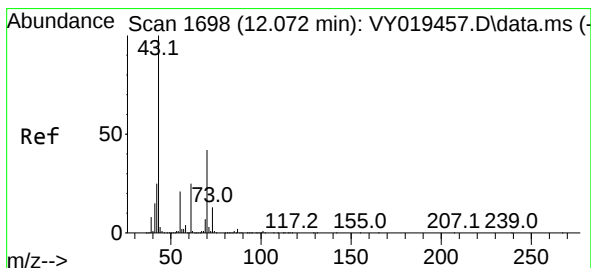
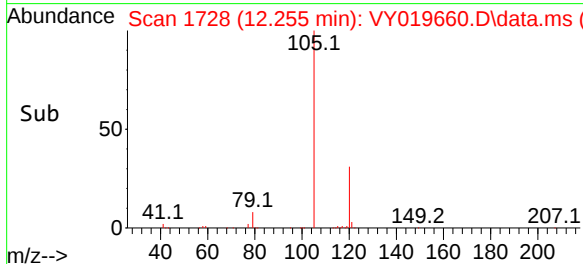
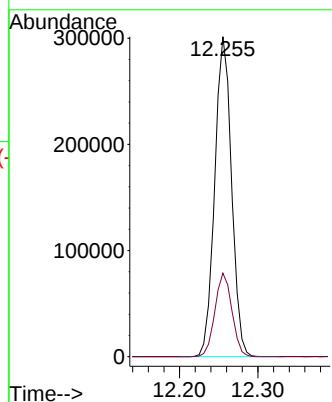
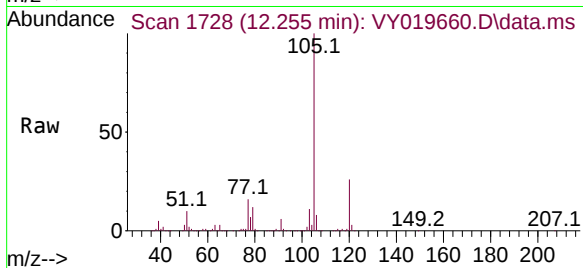




#73
Isopropylbenzene
Concen: 22.093 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

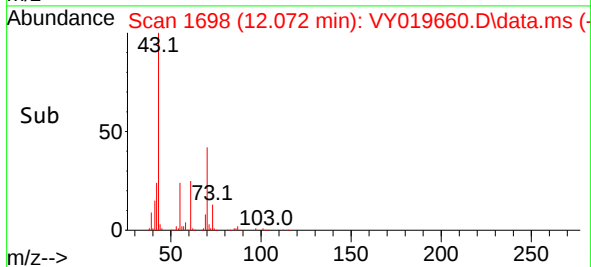
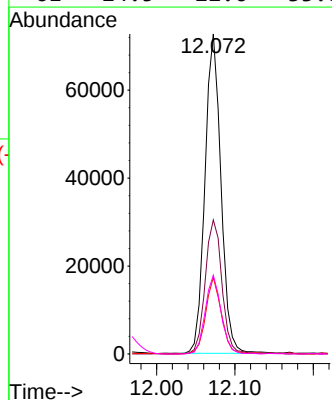
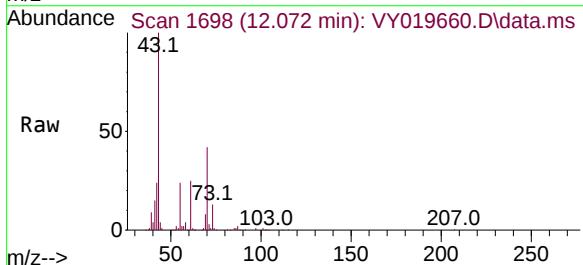
Instrument :
MSVOA_Y
ClientSampleId :

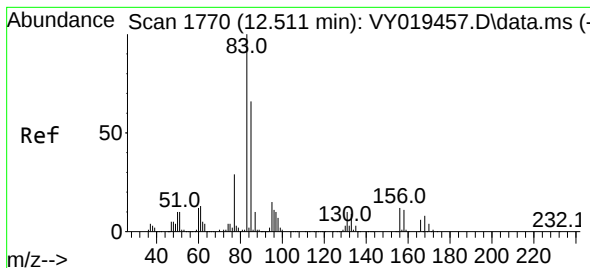
Tgt Ion:105 Resp: 449685
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 18.572 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 43 Resp: 102806
Ion Ratio Lower Upper
43 100
70 43.9 41.4 62.2
55 23.5 23.3 34.9
61 24.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.883 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

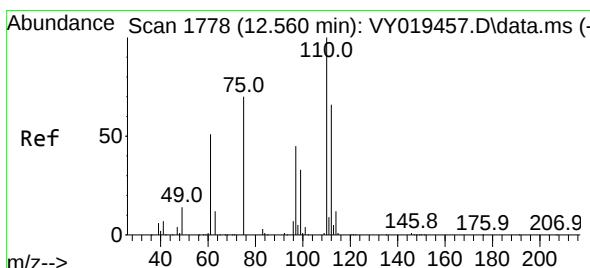
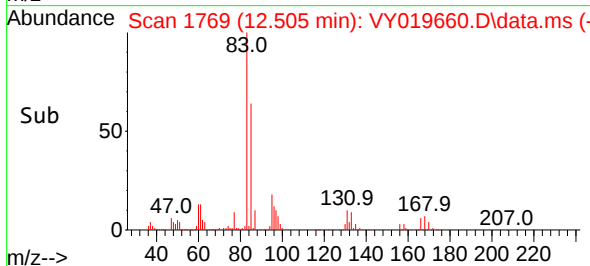
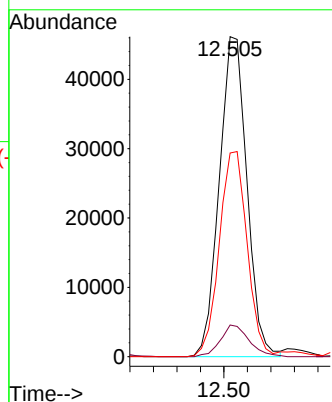
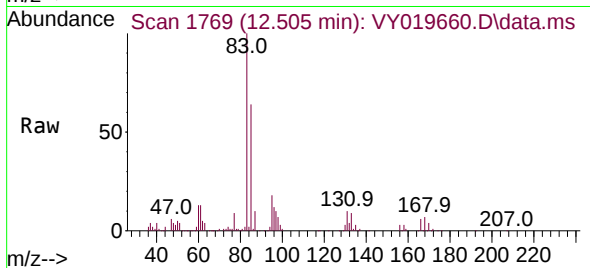
Tgt Ion: 83 Resp: 75445

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.123 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019660.D

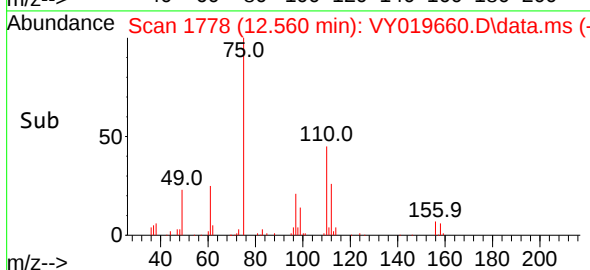
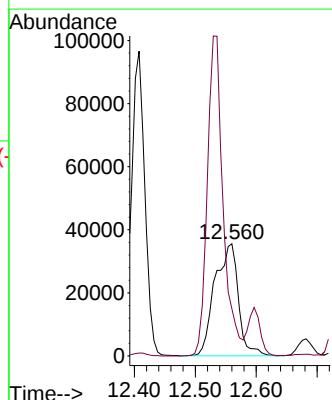
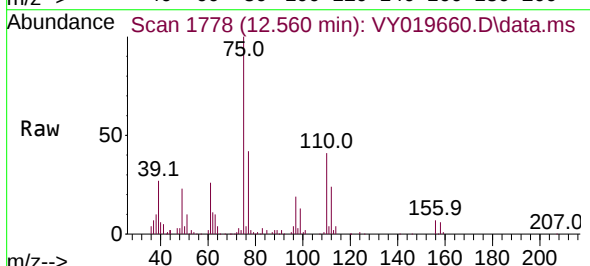
Acq: 23 Sep 2024 11:51

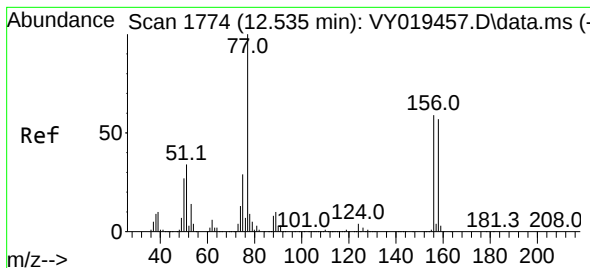
Tgt Ion: 75 Resp: 94992

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.615 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

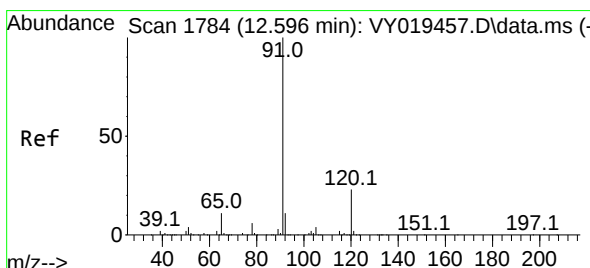
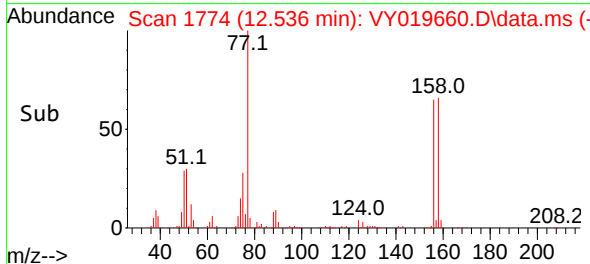
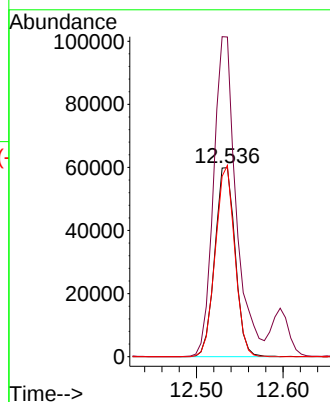
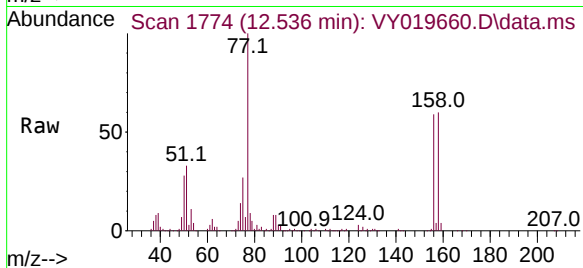
Tgt Ion:156 Resp: 97573

Ion Ratio Lower Upper

156 100

77 188.6 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 22.122 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019660.D

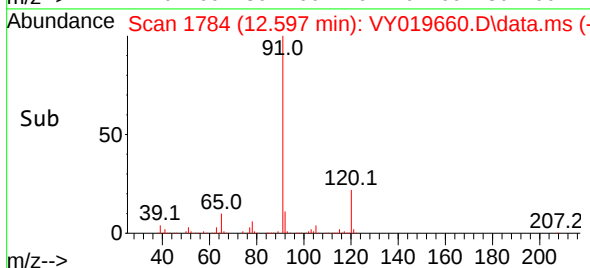
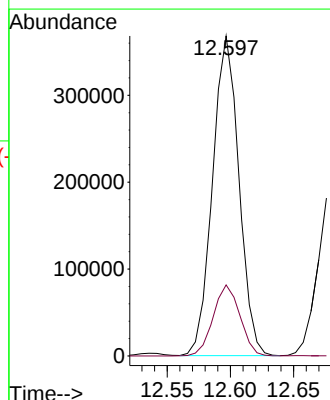
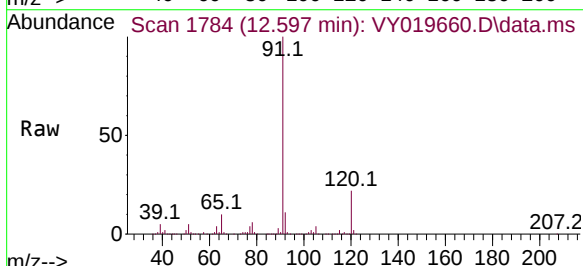
Acq: 23 Sep 2024 11:51

Tgt Ion: 91 Resp: 533703

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

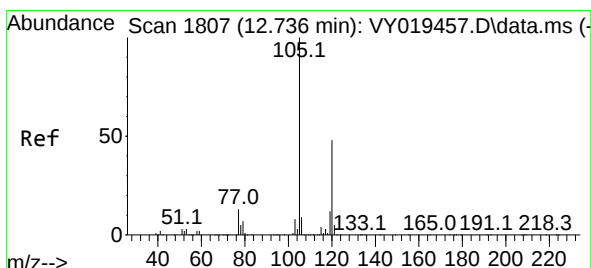
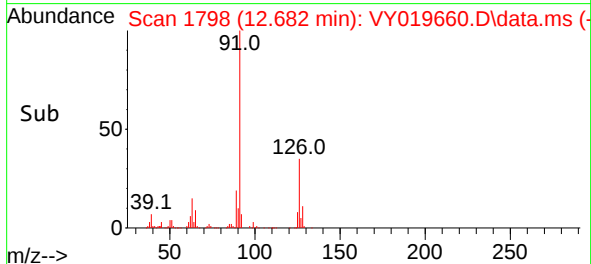
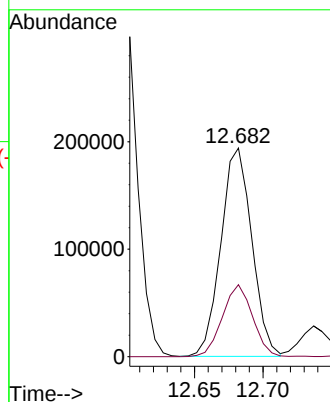
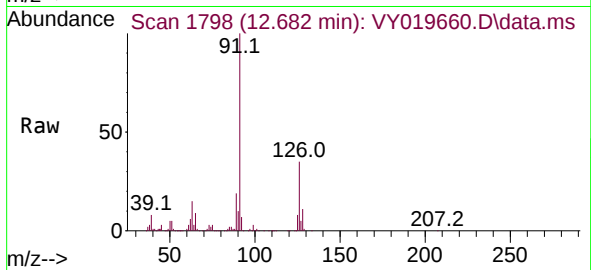




#79
2-Chlorotoluene
Concen: 21.702 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

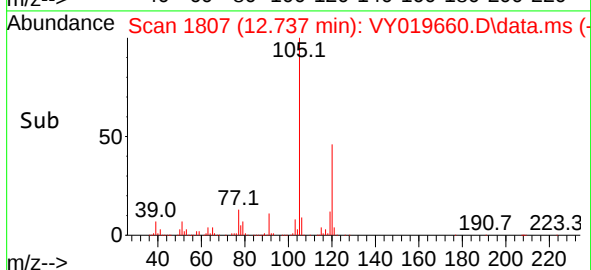
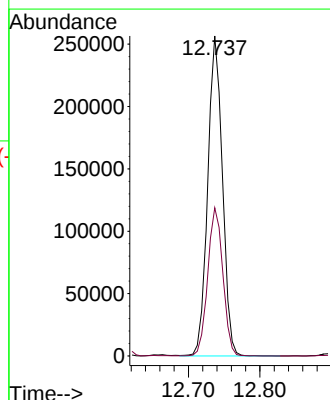
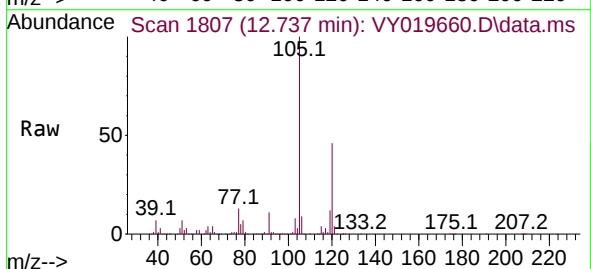
Instrument :
MSVOA_Y
ClientSampleId :

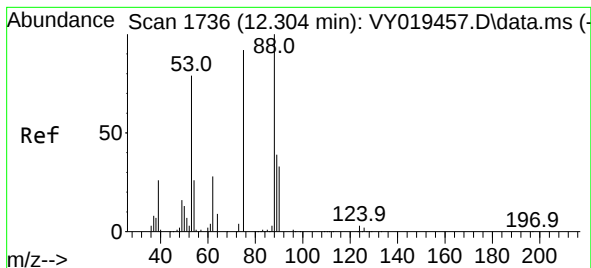
Tgt Ion: 91 Resp: 305117
Ion Ratio Lower Upper
91 100
126 33.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.140 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 105 Resp: 366351
Ion Ratio Lower Upper
105 100
120 47.7 25.1 75.2

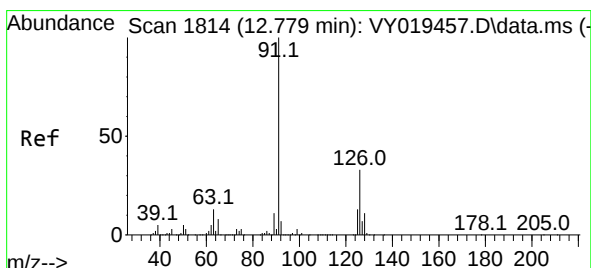
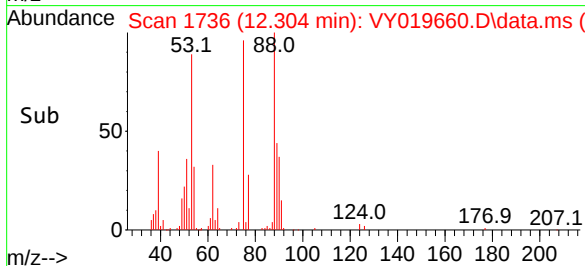
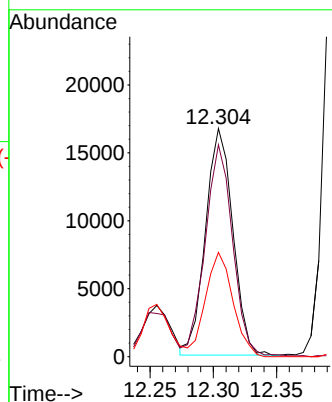
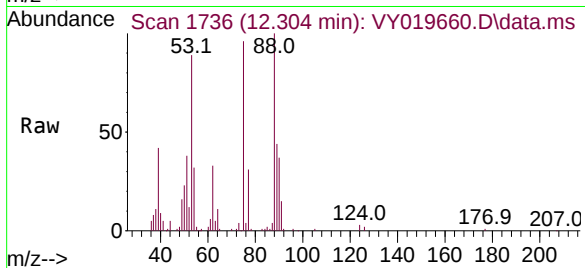




#81
trans-1,4-Dichloro-2-butene
Concen: 18.316 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

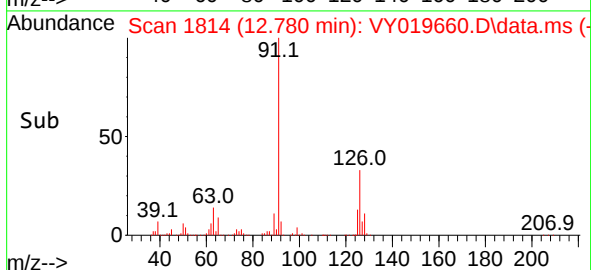
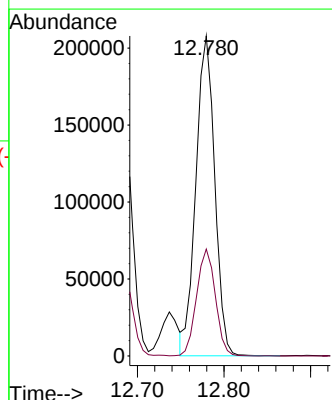
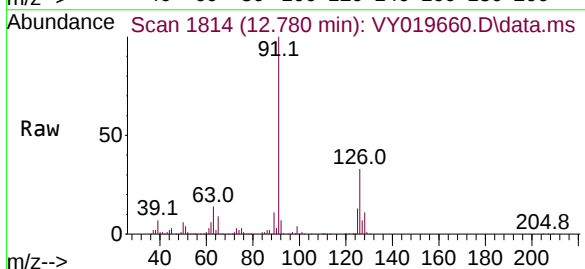
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 25090
Ion Ratio Lower Upper
75 100
53 94.6 66.8 100.2
89 45.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.695 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 91 Resp: 313589
Ion Ratio Lower Upper
91 100
126 33.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.502 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

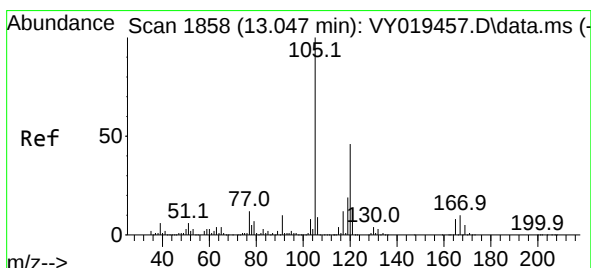
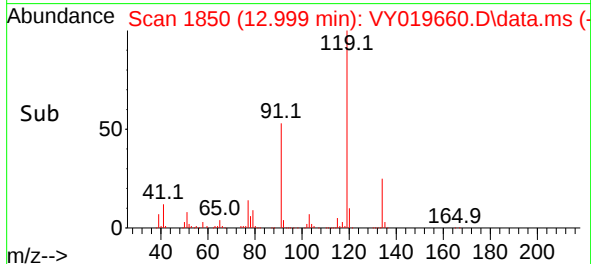
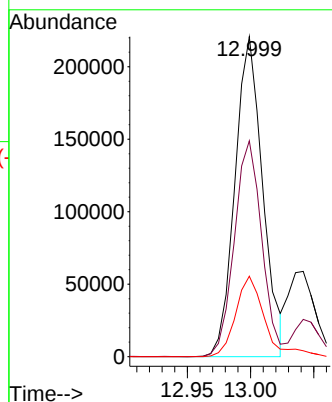
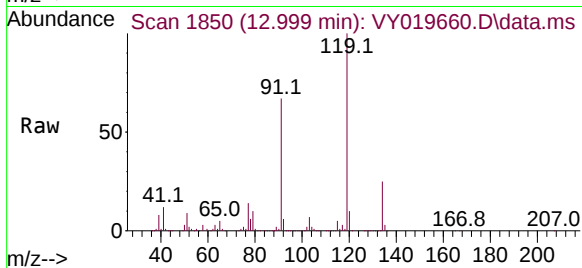
Tgt Ion:119 Resp: 337076

Ion Ratio Lower Upper

119 100

91 66.4 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.728 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019660.D

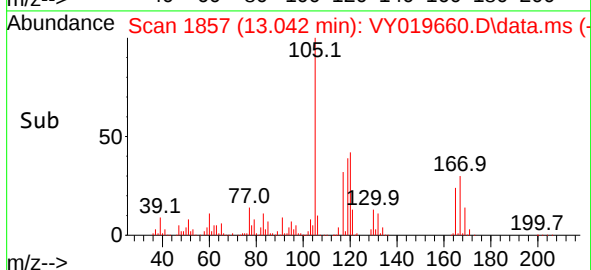
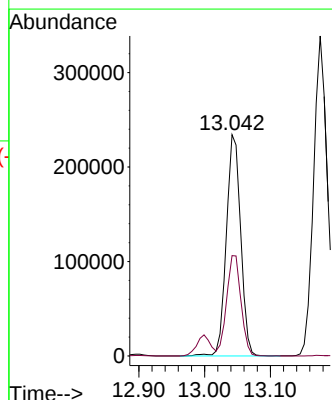
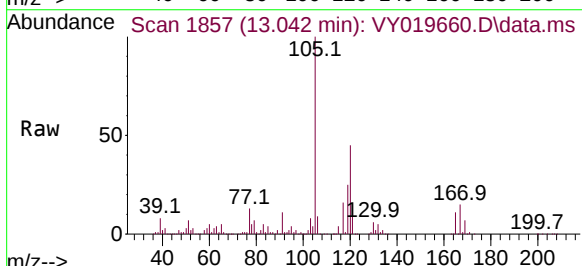
Acq: 23 Sep 2024 11:51

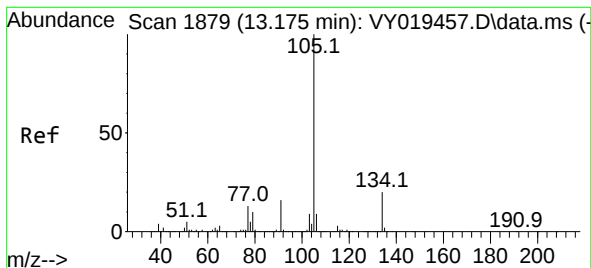
Tgt Ion:105 Resp: 355883

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.510 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

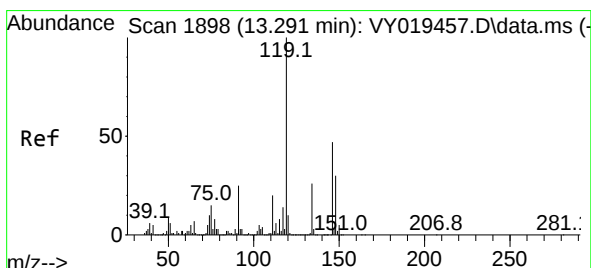
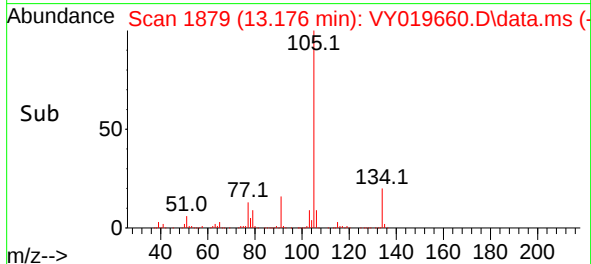
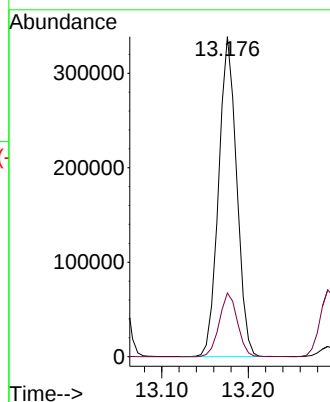
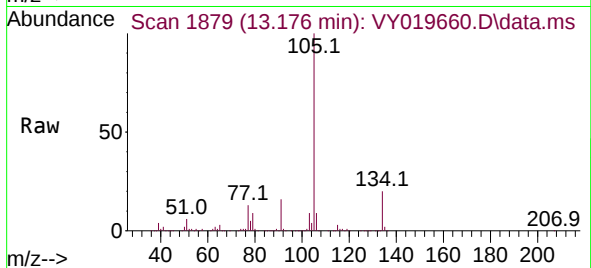
ClientSampleId :

Tgt Ion:105 Resp: 489850

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.500 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

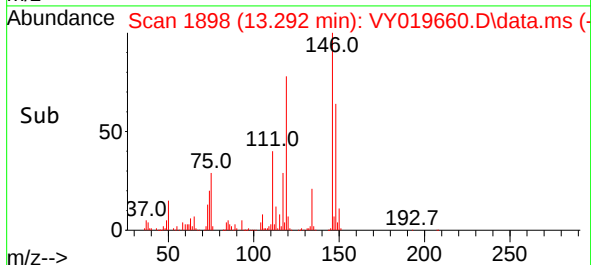
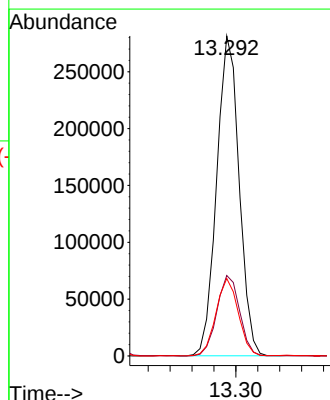
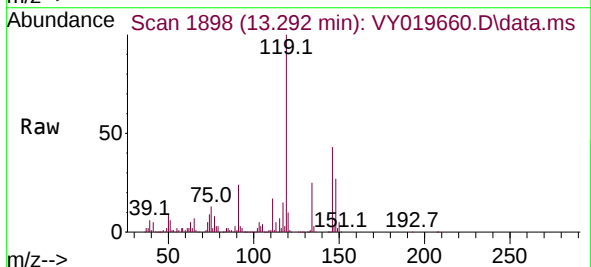
Tgt Ion:119 Resp: 400606

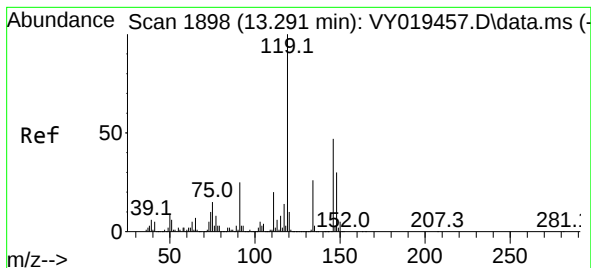
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 24.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.980 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

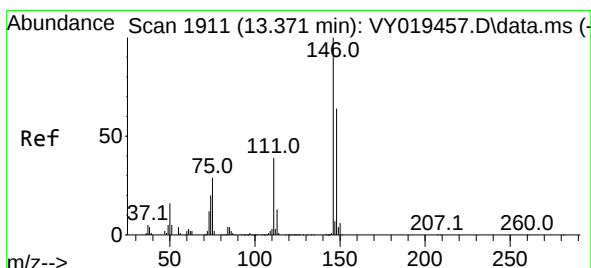
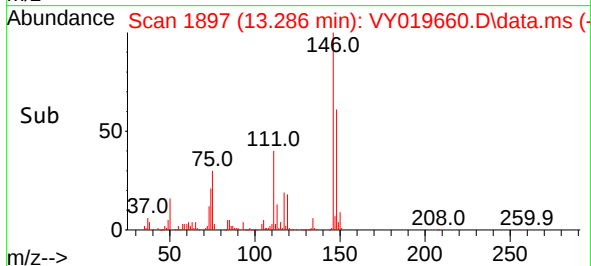
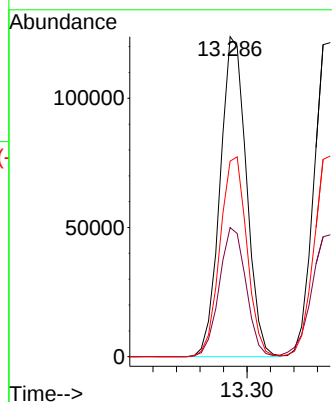
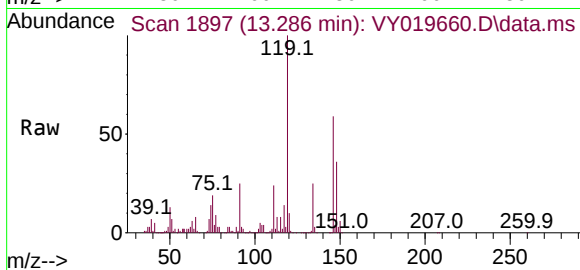
Tgt Ion:146 Resp: 192802

Ion Ratio Lower Upper

146 100

111 40.9 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.800 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

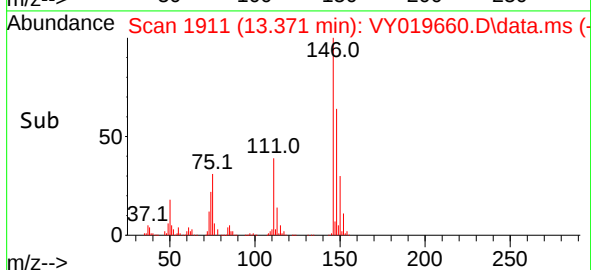
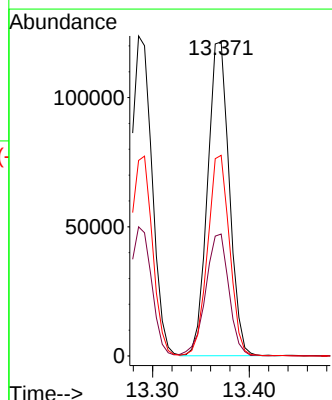
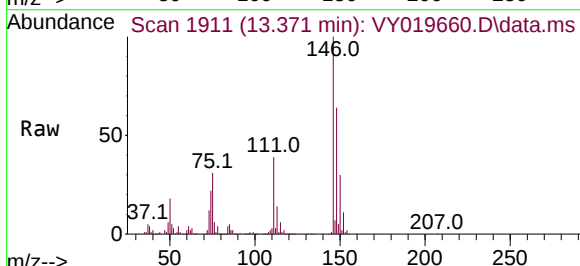
Tgt Ion:146 Resp: 189779

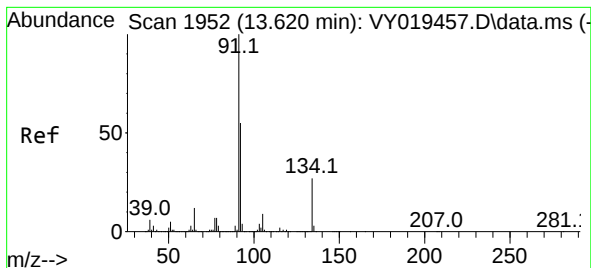
Ion Ratio Lower Upper

146 100

111 41.5 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 22.326 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

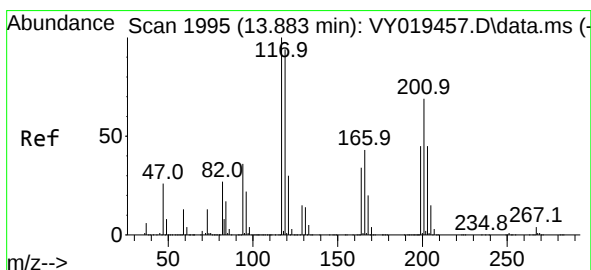
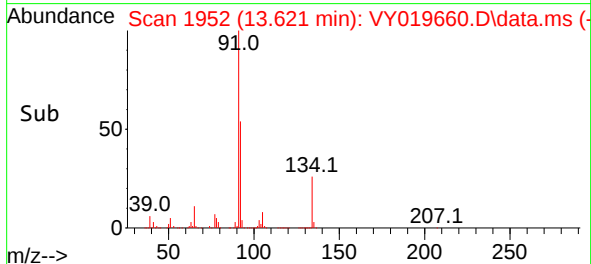
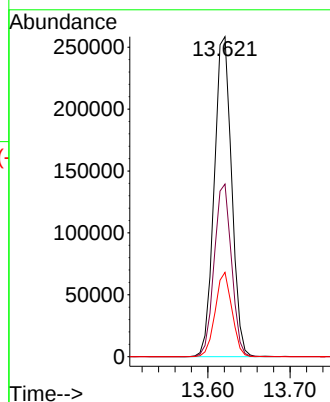
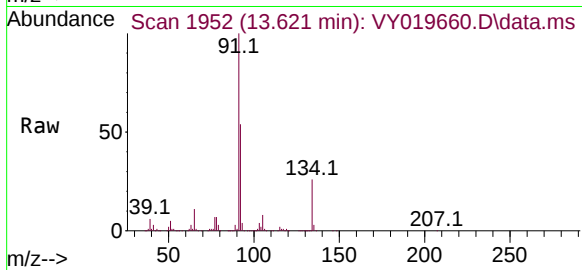
Tgt Ion: 91 Resp: 380013

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 21.755 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019660.D

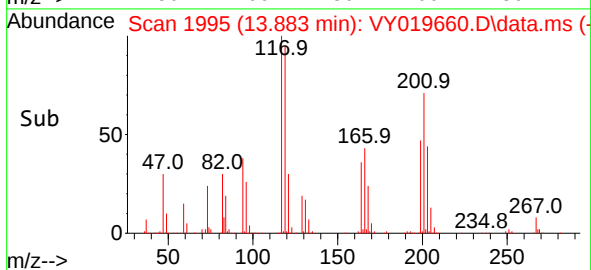
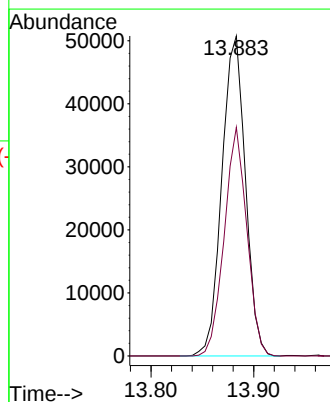
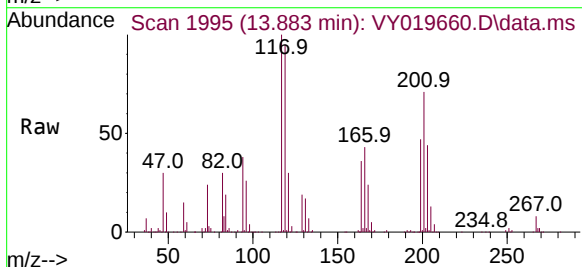
Acq: 23 Sep 2024 11:51

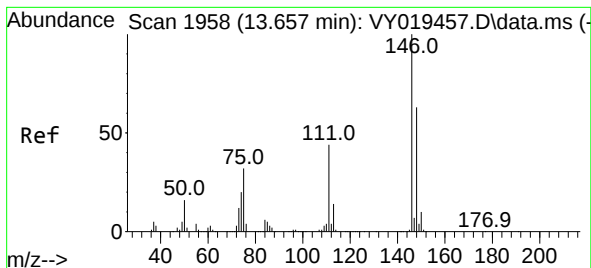
Tgt Ion: 117 Resp: 80596

Ion Ratio Lower Upper

117 100

201 68.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.375 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

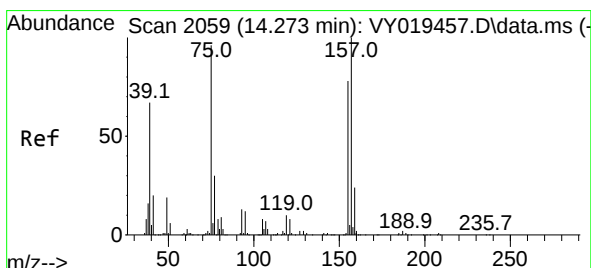
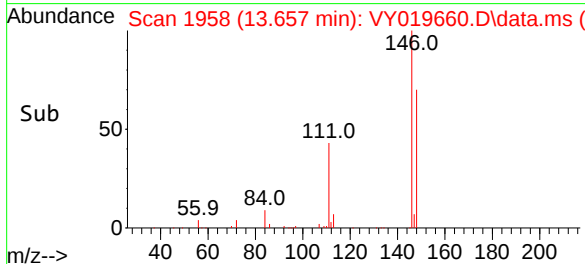
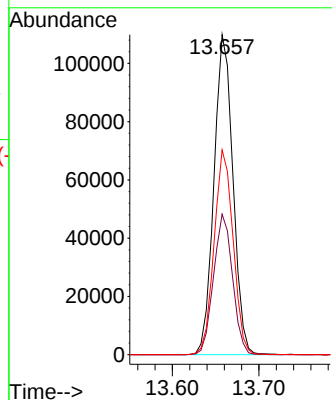
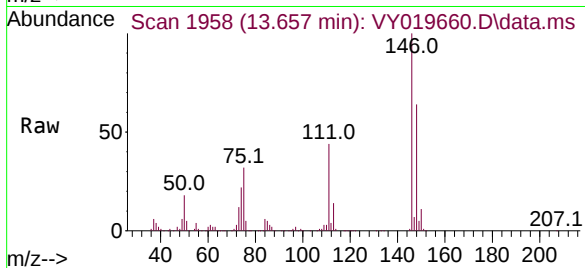
Tgt Ion:146 Resp: 167318

Ion Ratio Lower Upper

146 100

111 43.8 19.9 59.7

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.477 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

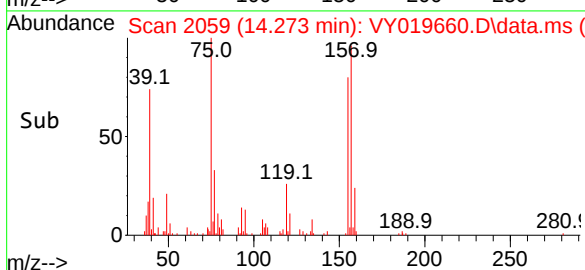
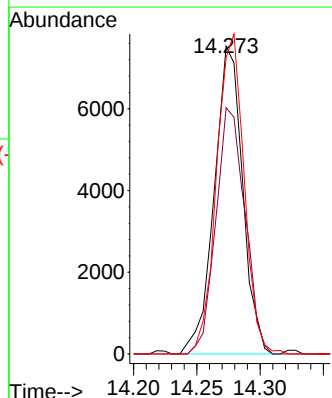
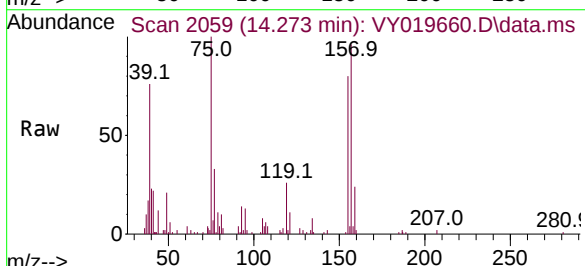
Tgt Ion: 75 Resp: 11727

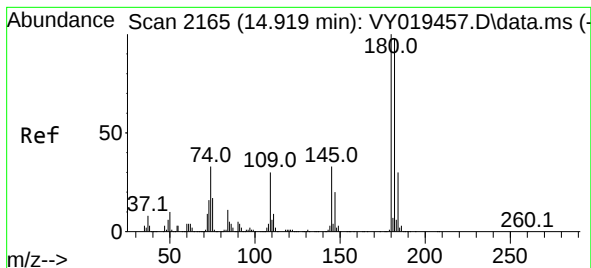
Ion Ratio Lower Upper

75 100

155 82.0 48.6 145.8

157 100.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.689 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

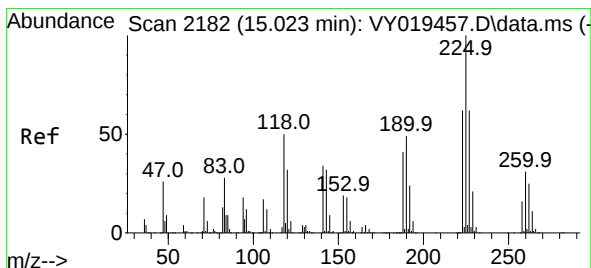
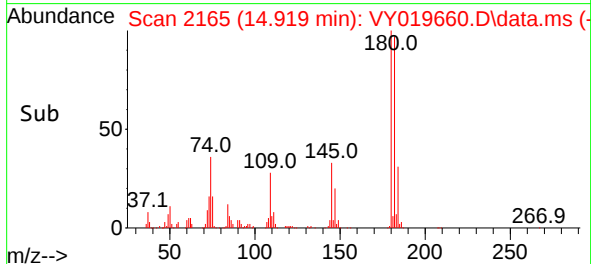
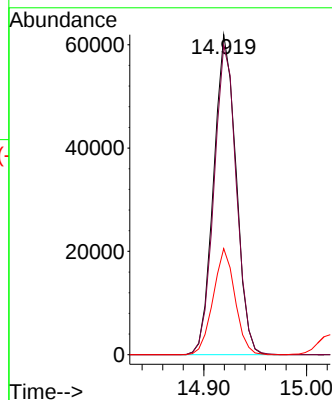
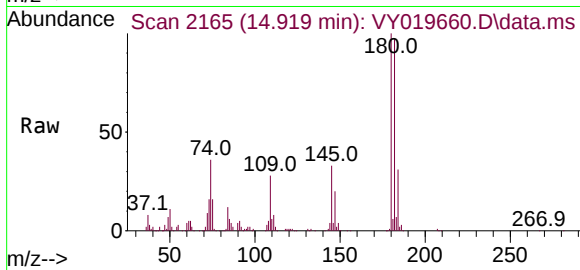
Tgt Ion:180 Resp: 93737

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.720 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

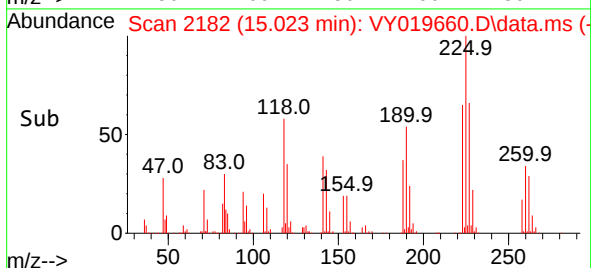
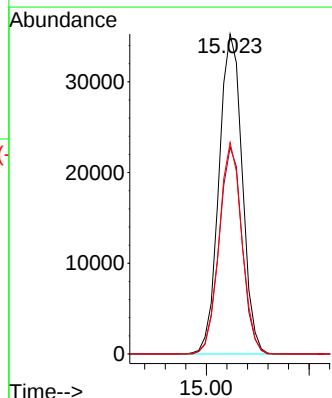
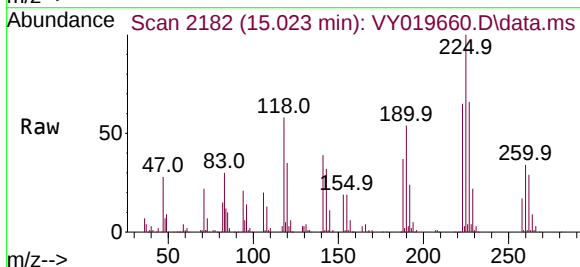
Tgt Ion:225 Resp: 55241

Ion Ratio Lower Upper

225 100

223 64.0 30.4 91.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 18.547 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

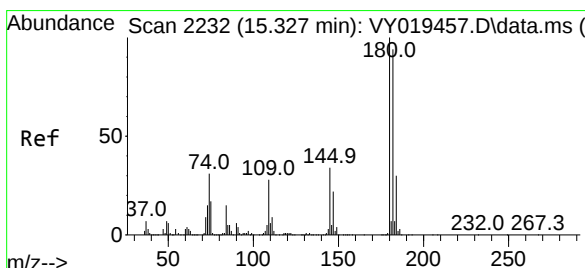
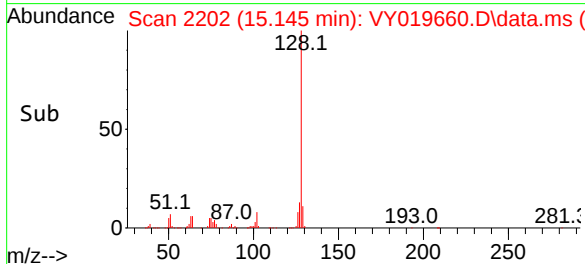
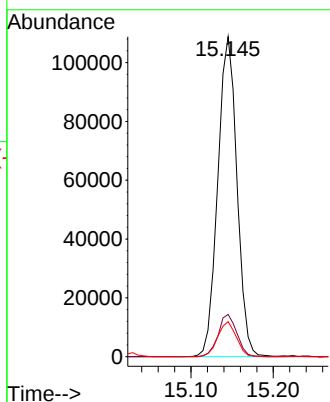
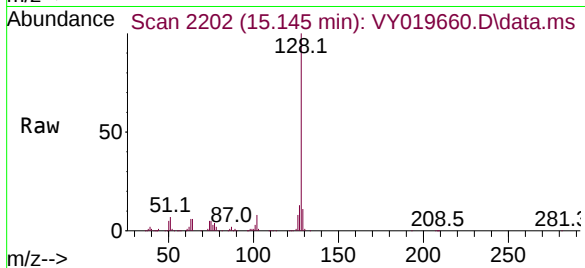
Tgt Ion:128 Resp: 176822

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.842 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Tgt Ion:180 Resp: 80802

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 33.6 15.4 46.1

