

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019758.D
 Acq On : 02 Oct 2024 12:36
 Operator : SY/MD
 Sample : VY1002SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 02:44:39 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	305432	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	526776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	441882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	206775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154624	54.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.340%	
35) Dibromofluoromethane	7.634	113	154814	51.834	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.660%	
50) Toluene-d8	10.109	98	552191	49.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.401	95	199464	46.958	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38335	20.551	ug/l	94
3) Chloromethane	2.074	50	42835	16.951	ug/l	99
4) Vinyl Chloride	2.208	62	52529	19.224	ug/l	99
5) Bromomethane	2.598	94	36326	21.643	ug/l	96
6) Chloroethane	2.739	64	38866	21.758	ug/l	94
7) Trichlorofluoromethane	3.062	101	95003	20.857	ug/l	96
8) Diethyl Ether	3.458	74	30976	20.259	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	59693	21.185	ug/l	94
10) Methyl Iodide	4.007	142	57071	15.798	ug/l	93
11) Tert butyl alcohol	4.866	59	33593	147.078	ug/l	# 97
12) 1,1-Dichloroethene	3.793	96	49853	18.397	ug/l	87
13) Acrolein	3.659	56	10519	86.282	ug/l	96
14) Allyl chloride	4.385	41	90787	18.682	ug/l	# 93
15) Acrylonitrile	5.067	53	70320	106.664	ug/l	96
16) Acetone	3.873	43	99541	147.734	ug/l	# 85
17) Carbon Disulfide	4.104	76	92218	12.595	ug/l	99
18) Methyl Acetate	4.391	43	34847	19.058	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	168074	21.899	ug/l	98
20) Methylene Chloride	4.622	84	69228	22.529	ug/l	# 88
21) trans-1,2-Dichloroethene	5.116	96	53490	18.009	ug/l	91
22) Diisopropyl ether	6.018	45	219056	21.951	ug/l	# 87
23) Vinyl Acetate	5.964	43	605045	106.148	ug/l	# 92
24) 1,1-Dichloroethane	5.915	63	120515	21.521	ug/l	96
25) 2-Butanone	6.896	43	124932	130.369	ug/l	# 87
26) 2,2-Dichloropropane	6.884	77	117226	23.208	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	73553	20.386	ug/l	84
28) Bromochloromethane	7.244	49	48636	20.643	ug/l	84
29) Tetrahydrofuran	7.262	42	60295	103.483	ug/l	# 85
30) Chloroform	7.421	83	127695	22.338	ug/l	96
31) Cyclohexane	7.701	56	87277	17.243	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	111631	21.787	ug/l	97
36) 1,1-Dichloropropene	7.835	75	77928	19.175	ug/l	95
37) Ethyl Acetate	6.988	43	43145	20.720	ug/l	98
38) Carbon Tetrachloride	7.817	117	92844	20.258	ug/l	98
39) Methylcyclohexane	9.109	83	92887	17.175	ug/l	91
40) Benzene	8.079	78	247918	19.806	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	22554	18.581	ug/l	88
42) 1,2-Dichloroethane	8.158	62	73494	21.819	ug/l	96
43) Isopropyl Acetate	8.195	43	91809	20.986	ug/l #	89
44) Trichloroethene	8.866	130	62368	19.373	ug/l	91
45) 1,2-Dichloropropane	9.140	63	64778	21.168	ug/l	97
46) Dibromomethane	9.231	93	35220	21.046	ug/l	92
47) Bromodichloromethane	9.426	83	99632	22.148	ug/l	96
48) Methyl methacrylate	9.219	41	40345	19.529	ug/l	84
49) 1,4-Dioxane	9.231	88	7990	405.571	ug/l #	74
51) 4-Methyl-2-Pentanone	9.999	43	234452	106.524	ug/l	91
52) Toluene	10.170	92	160250	19.905	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	87655	20.441	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	100098	20.047	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	49350	21.354	ug/l	96
56) Ethyl methacrylate	10.438	69	70334	20.035	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	84130	21.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	158772	97.444	ug/l	98
59) 2-Hexanone	10.762	43	186941	115.855	ug/l	88
60) Dibromochloromethane	10.908	129	64380	21.059	ug/l	99
61) 1,2-Dibromoethane	11.011	107	44418	20.628	ug/l	99
64) Tetrachloroethene	10.646	164	52256	19.097	ug/l	96
65) Chlorobenzene	11.438	112	182793	21.030	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	66306	22.032	ug/l	97
67) Ethyl Benzene	11.517	91	324168	20.989	ug/l	99
68) m/p-Xylenes	11.627	106	237850	40.729	ug/l	92
69) o-Xylene	11.950	106	118711	20.786	ug/l	92
70) Styrene	11.969	104	199947	20.736	ug/l	95
71) Bromoform	12.127	173	35871	20.868	ug/l #	95
73) Isopropylbenzene	12.249	105	324913	21.660	ug/l	98
74) N-amyl acetate	12.066	43	83469	20.459	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	59090	22.193	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	75068	38.733	ug/l #	100
77) Bromobenzene	12.529	156	68966	20.729	ug/l	88
78) n-propylbenzene	12.590	91	385886	21.703	ug/l	99
79) 2-Chlorotoluene	12.676	91	261242	25.212	ug/l	88
80) 1,3,5-Trimethylbenzene	12.731	105	263560	21.612	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	19009	18.829	ug/l #	87
82) 4-Chlorotoluene	12.773	91	227814	21.386	ug/l	96
83) tert-Butylbenzene	12.993	119	240161	21.753	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	260515	21.581	ug/l	97
85) sec-Butylbenzene	13.170	105	350637	21.862	ug/l	99
86) p-Isopropyltoluene	13.285	119	287558	21.914	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	144697	22.382	ug/l	95
88) 1,4-Dichlorobenzene	13.365	146	140694	21.929	ug/l	96
89) n-Butylbenzene	13.615	91	274018	21.844	ug/l	99
90) Hexachloroethane	13.877	117	56712	20.771	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	128148	22.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9284	20.922	ug/l	78
93) 1,2,4-Trichlorobenzene	14.913	180	70229	20.016	ug/l	98
94) Hexachlorobutadiene	15.017	225	38395	20.484	ug/l	98
95) Naphthalene	15.139	128	132699	18.886	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	59915	19.964	ug/l	98

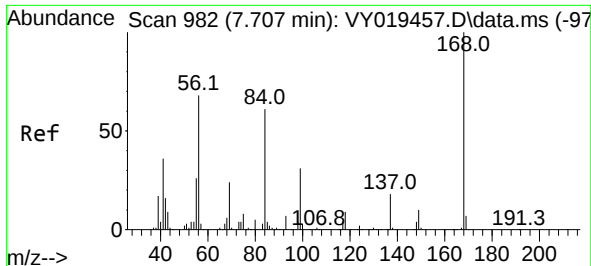
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Response via : Initial Calibration

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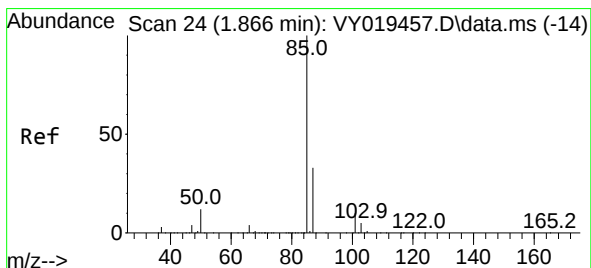
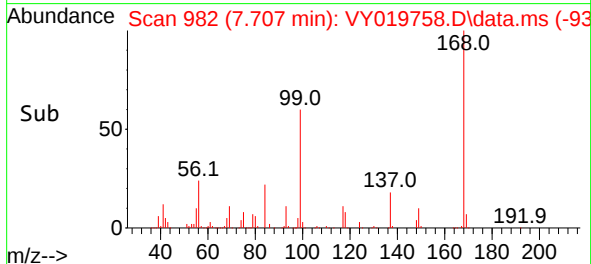
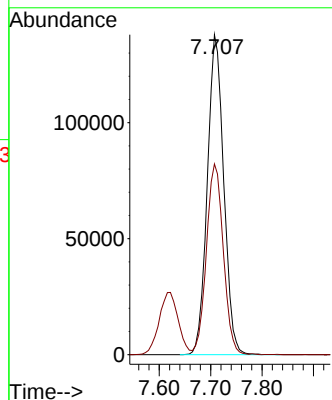
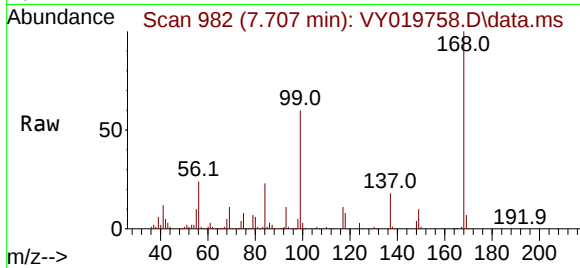
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019758.D
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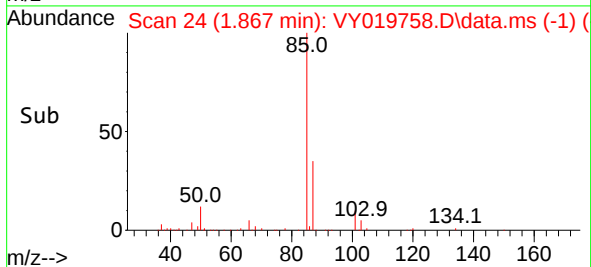
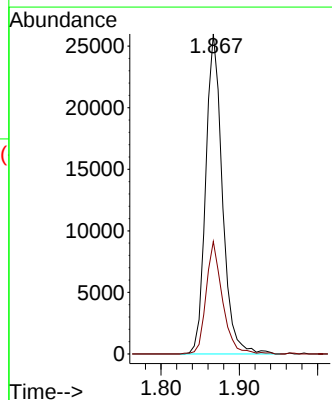
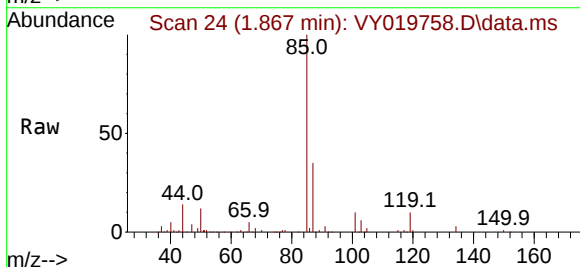
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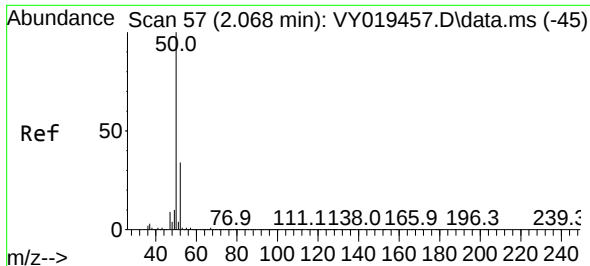
Tgt Ion:168 Resp: 305432
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 20.551 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 85 Resp: 38335
Ion Ratio Lower Upper
85 100
87 35.2 16.0 48.0

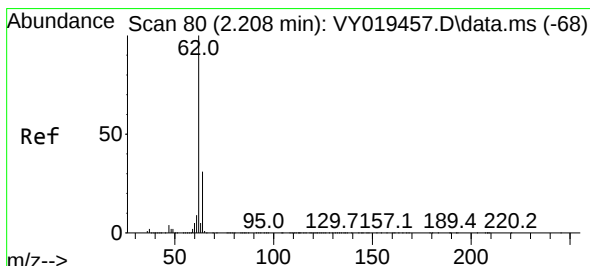
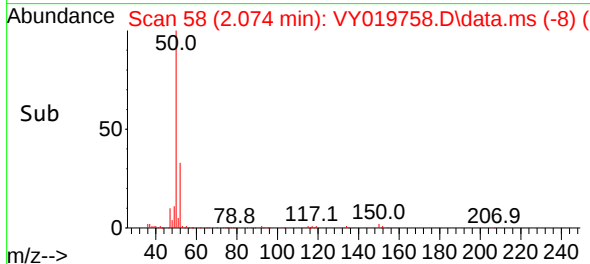
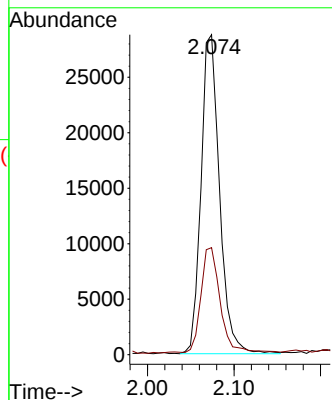
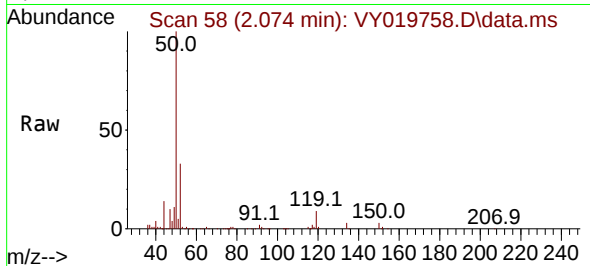




#3
Chloromethane
Concen: 16.951 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

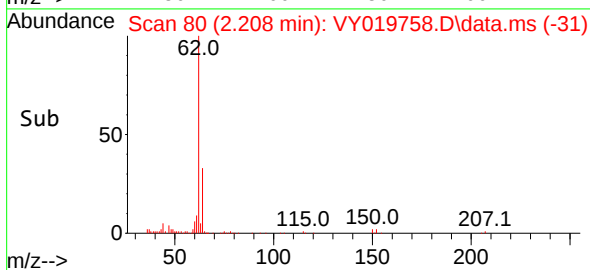
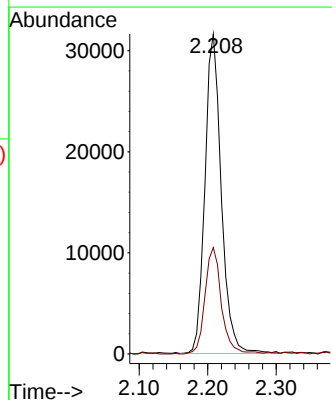
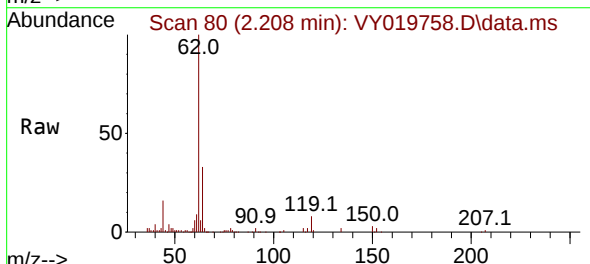
Instrument :
MSVOA_Y
ClientSampleId :

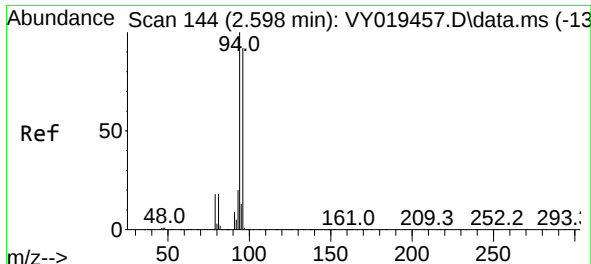
Tgt Ion: 50 Resp: 42835
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 19.224 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 62 Resp: 52529
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1

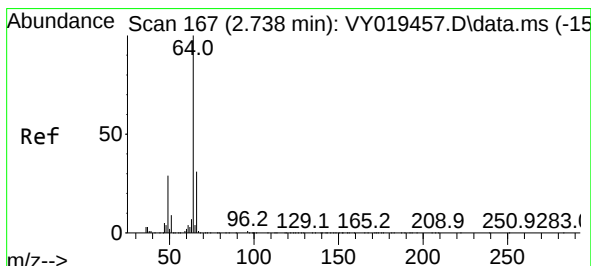
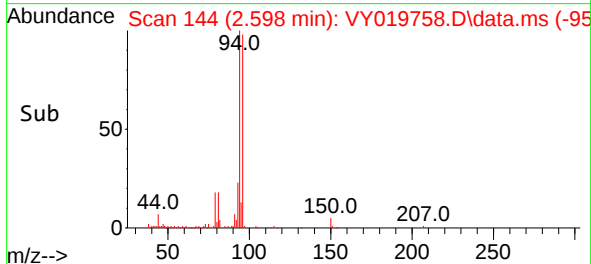
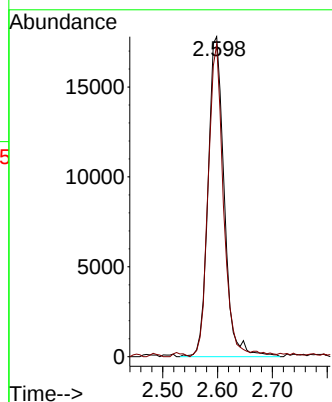
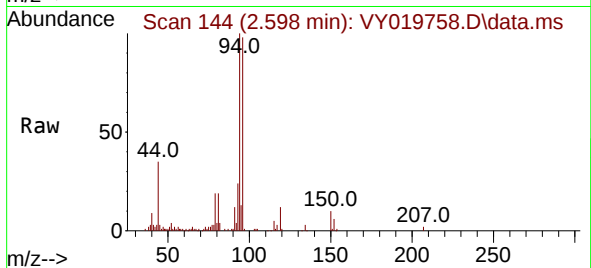




#5
Bromomethane
Concen: 21.643 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

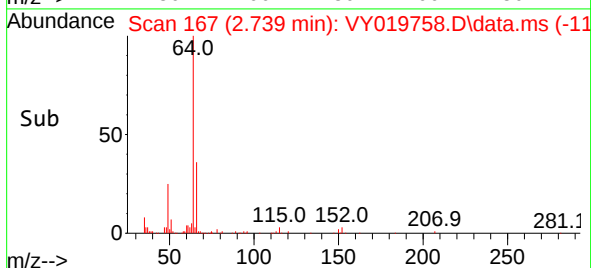
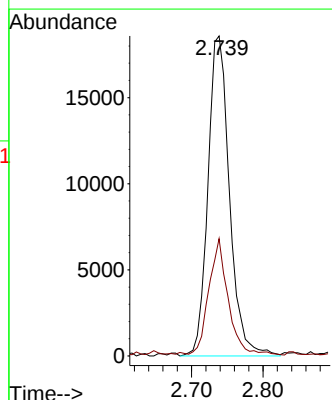
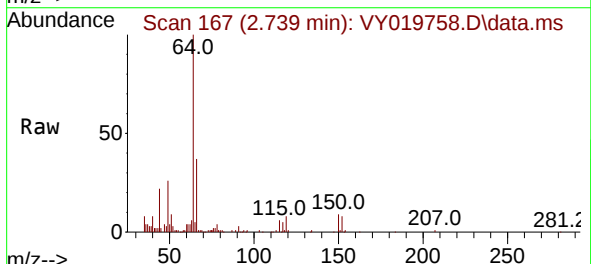
Instrument :
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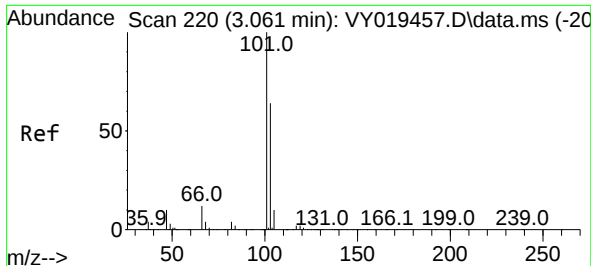
Tgt Ion: 94 Resp: 36326
Ion Ratio Lower Upper
94 100
96 96.7 74.1 111.1



#6
Chloroethane
Concen: 21.758 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 64 Resp: 38866
Ion Ratio Lower Upper
64 100
66 36.2 26.1 39.1

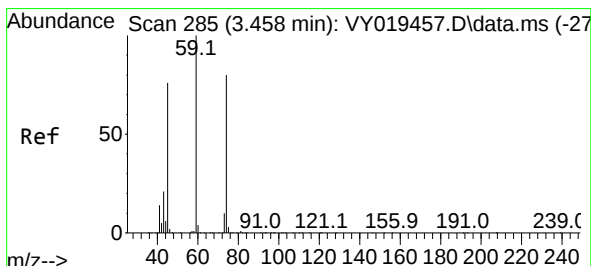
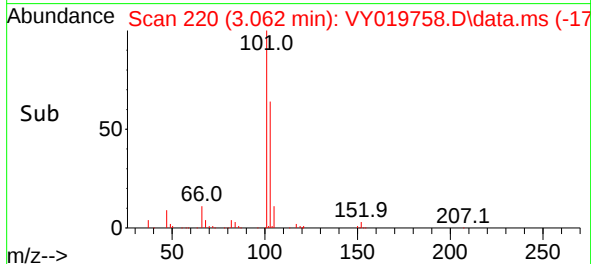
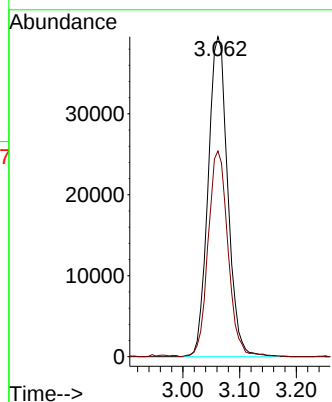
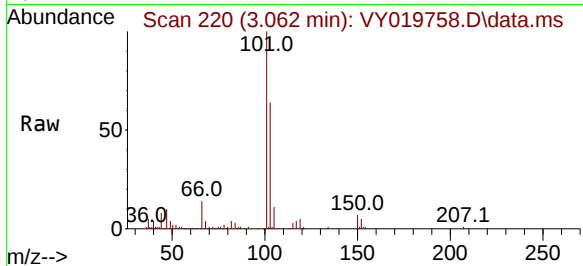




#7
 Trichlorofluoromethane
 Concen: 20.857 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019758.D
 Acq: 02 Oct 2024 12:36

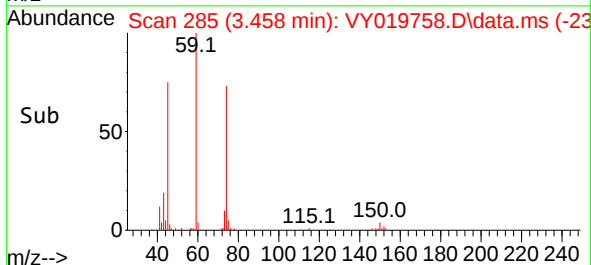
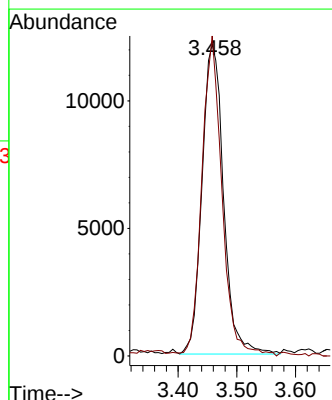
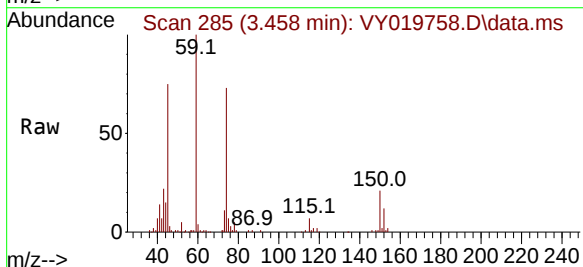
Instrument :
 MSVOA_Y
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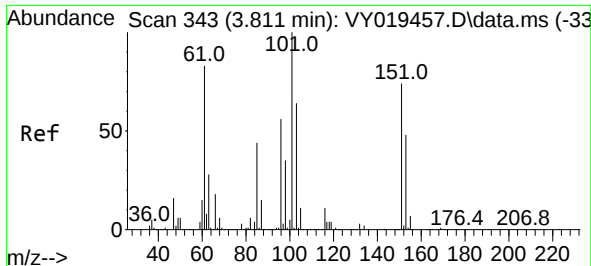
Tgt Ion:101 Resp: 95003
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.259 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019758.D
 Acq: 02 Oct 2024 12:36

Tgt Ion: 74 Resp: 30976
 Ion Ratio Lower Upper
 74 100
 45 96.6 41.3 124.1

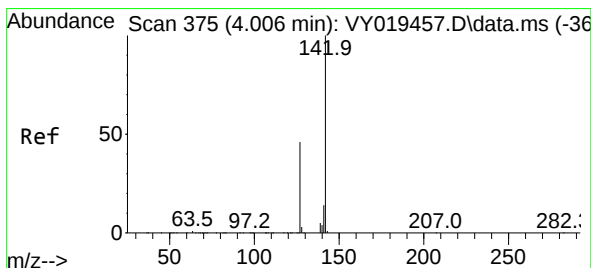
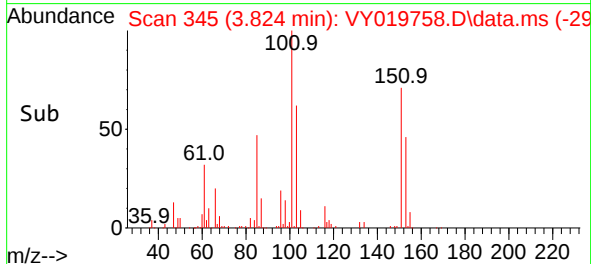
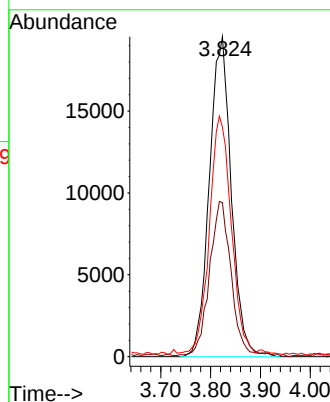
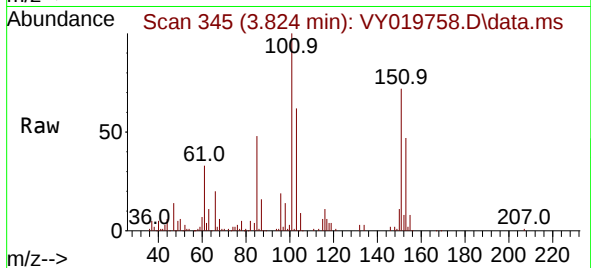




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.185 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY019758.D
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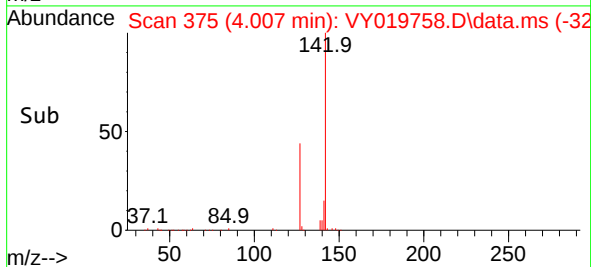
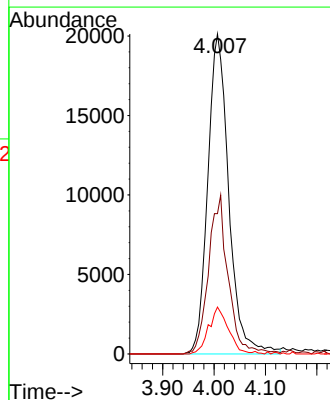
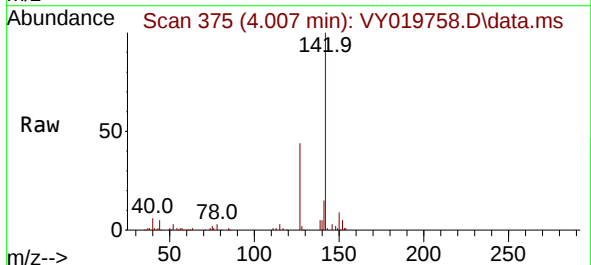
Instrument :
MSVOA_Y
ClientSampleId :

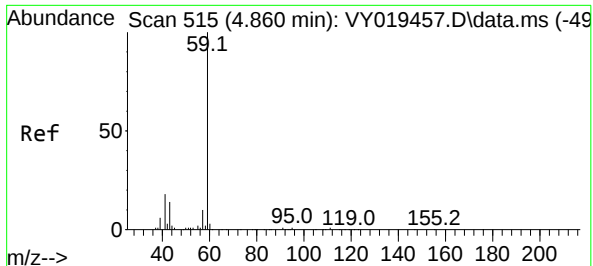
Tgt Ion:101 Resp: 59693
Ion Ratio Lower Upper
101 100
85 48.8 34.5 51.7
151 73.2 61.7 92.5



#10
Methyl Iodide
Concen: 15.798 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion:142 Resp: 57071
Ion Ratio Lower Upper
142 100
127 46.7 32.8 49.2
141 13.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 147.078 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

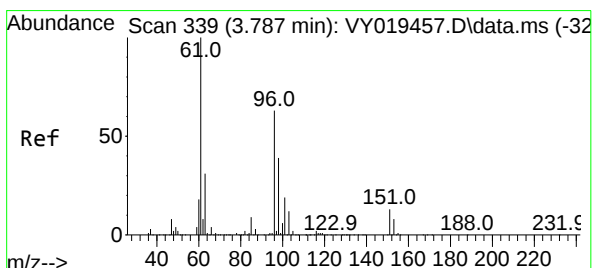
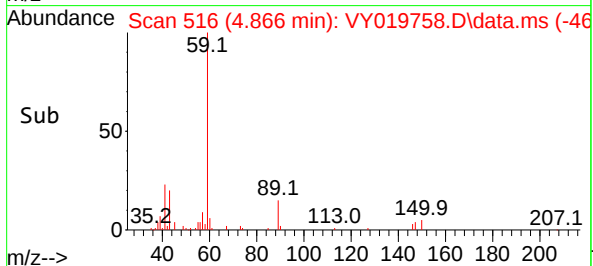
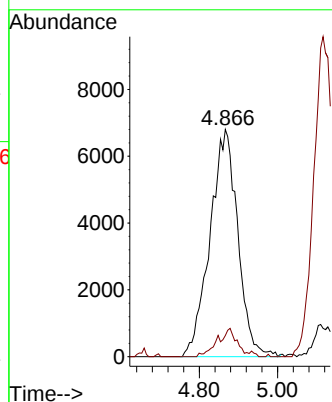
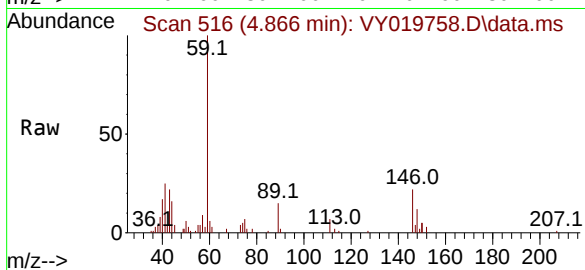
ClientSampleId :

Tgt Ion: 59 Resp: 33593

Ion Ratio Lower Upper

59 100

57 4.8 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.397 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

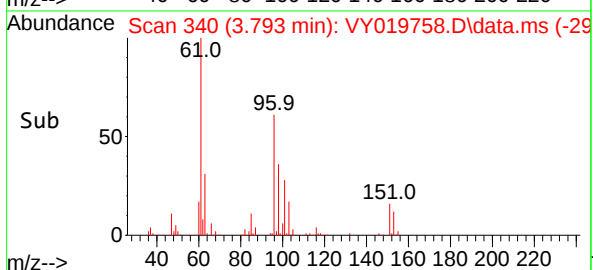
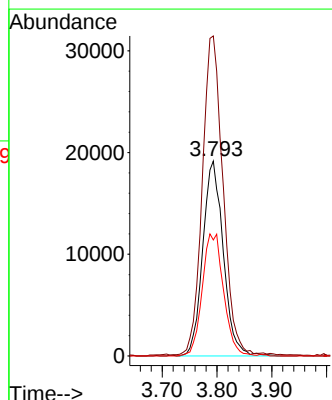
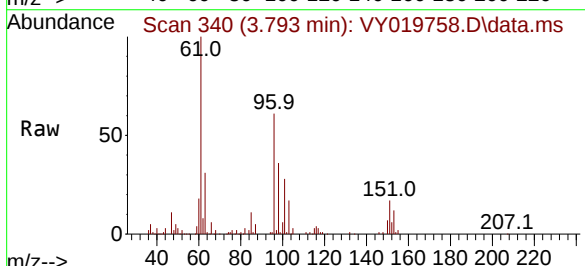
Tgt Ion: 96 Resp: 49853

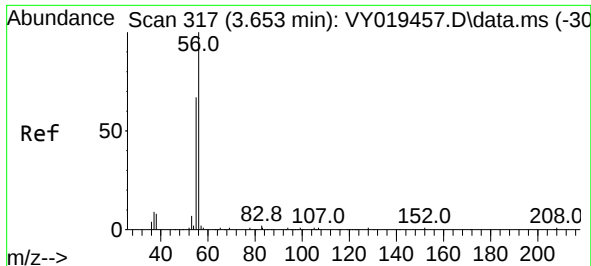
Ion Ratio Lower Upper

96 100

61 163.4 114.6 171.8

98 59.6 50.8 76.2

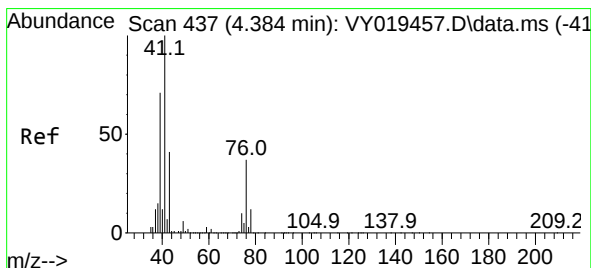
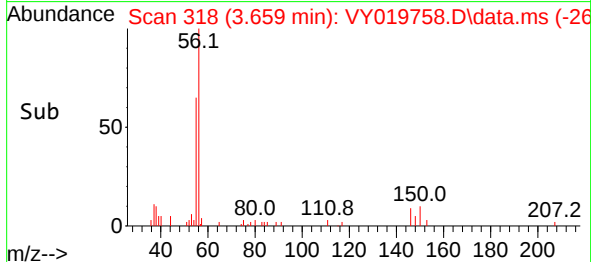
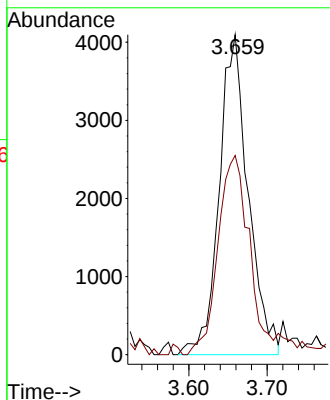
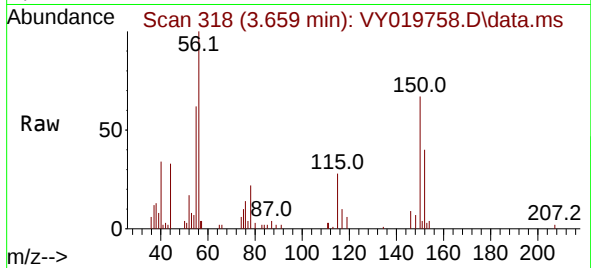




#13
Acrolein
Concen: 86.282 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

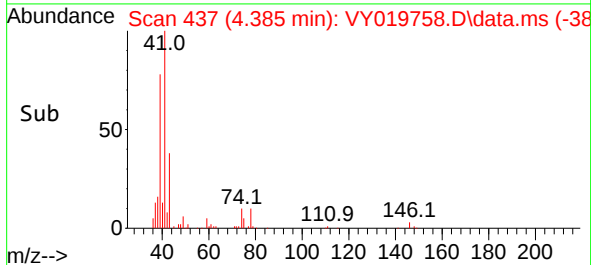
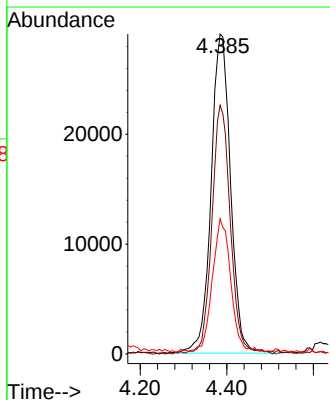
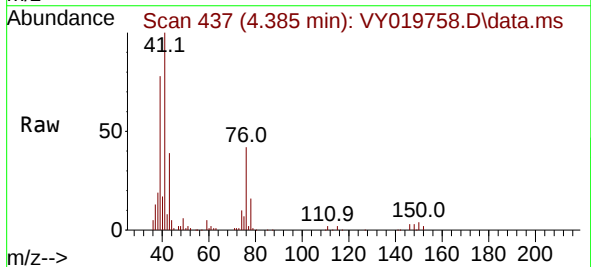
Instrument :
MSVOA_Y
ClientSampleId :

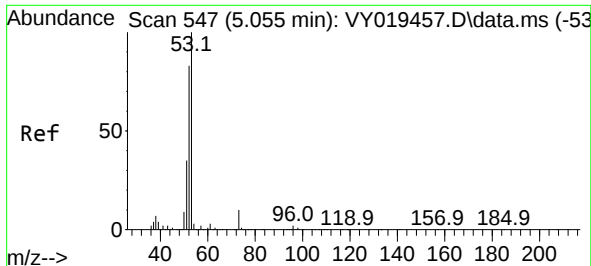
Tgt Ion: 56 Resp: 10519
Ion Ratio Lower Upper
56 100
55 66.5 55.7 83.5



#14
Allyl chloride
Concen: 18.682 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 41 Resp: 90787
Ion Ratio Lower Upper
41 100
39 74.1 58.3 87.5
76 38.4 39.0 58.6#

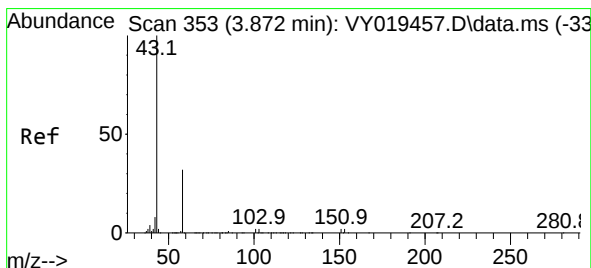
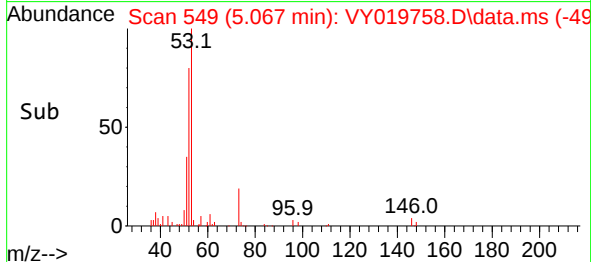
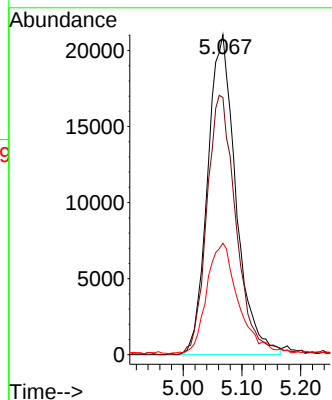
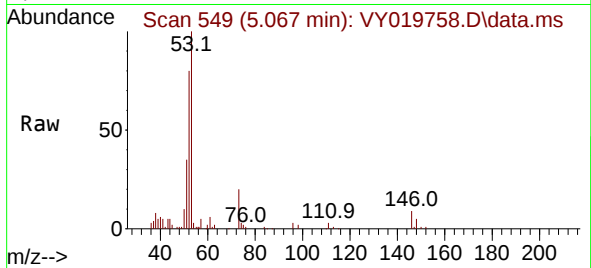




#15
Acrylonitrile
Concen: 106.664 ug/l
RT: 5.067 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

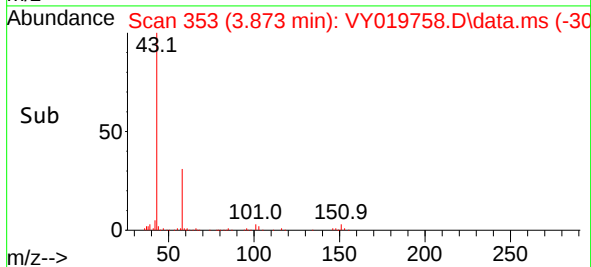
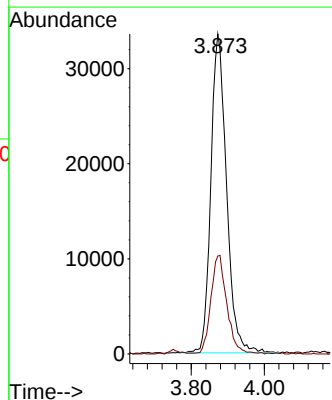
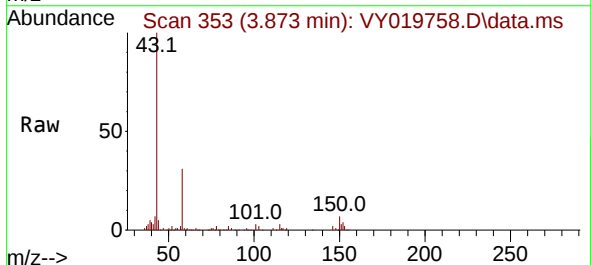
Instrument :
MSVOA_Y
ClientSampleId :

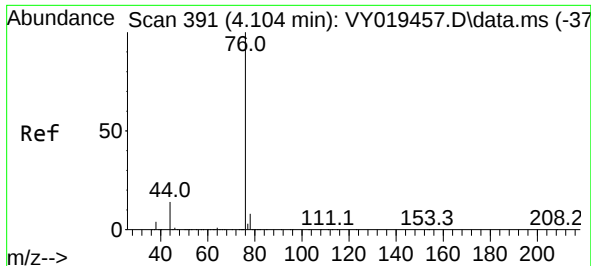
Tgt Ion: 53 Resp: 70320
Ion Ratio Lower Upper
53 100
52 84.0 64.7 97.1
51 38.7 28.4 42.6



#16
Acetone
Concen: 147.734 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 43 Resp: 99541
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#

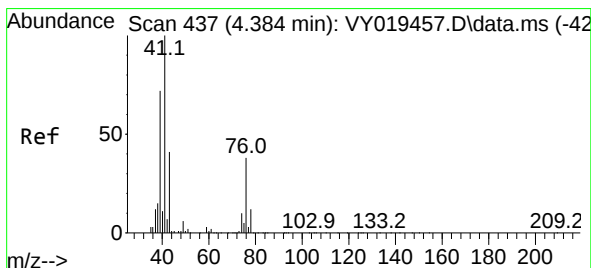
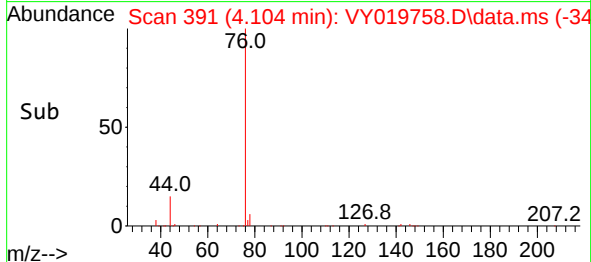
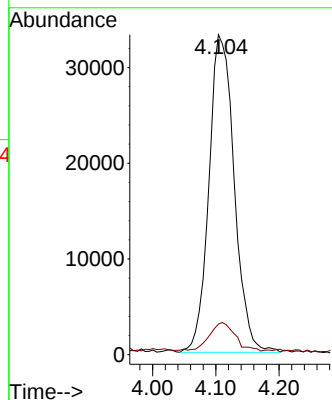
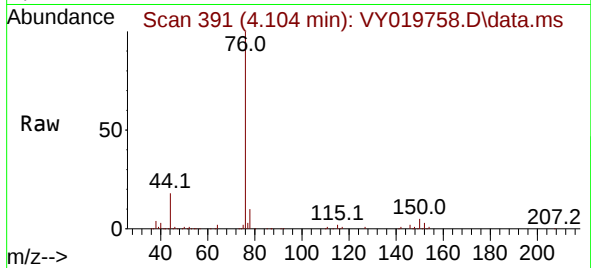




#17
Carbon Disulfide
Concen: 12.595 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

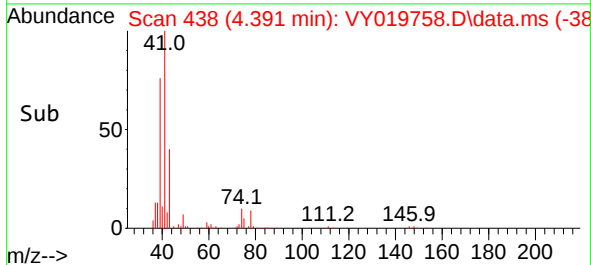
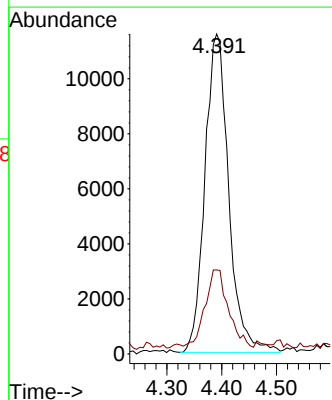
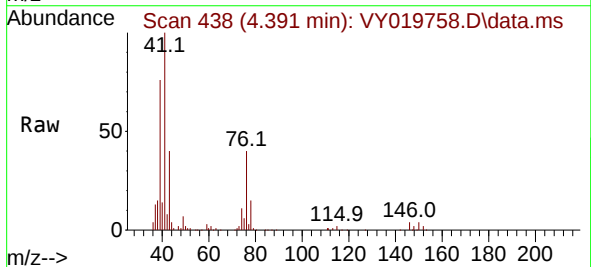
Instrument :
MSVOA_Y
ClientSampleId :

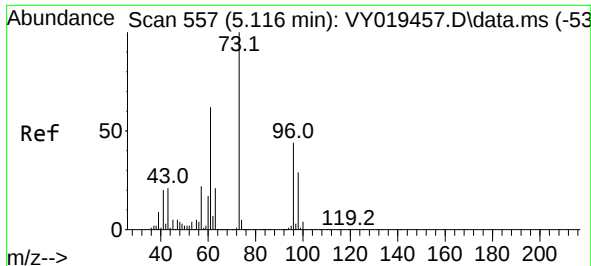
Tgt Ion: 76 Resp: 92218
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 19.058 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 43 Resp: 34847
Ion Ratio Lower Upper
43 100
74 24.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 21.899 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

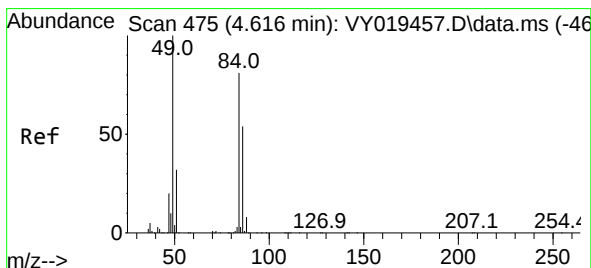
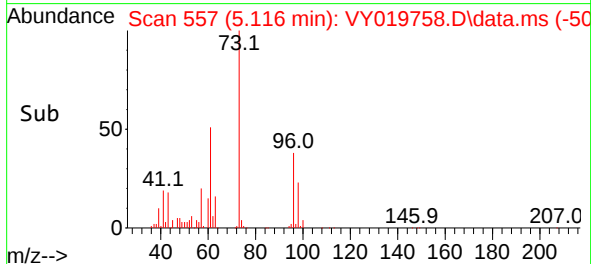
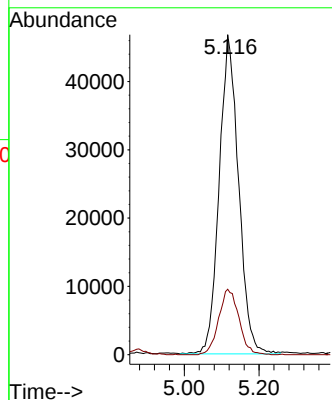
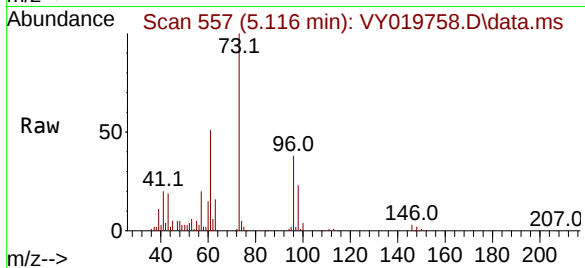
ClientSampleId :

Tgt Ion: 73 Resp: 168074

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 22.529 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Tgt Ion: 84 Resp: 69228

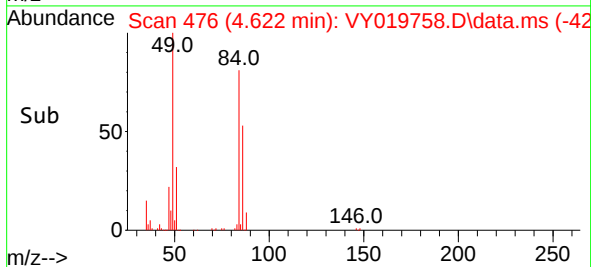
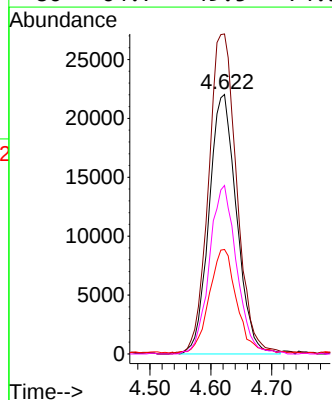
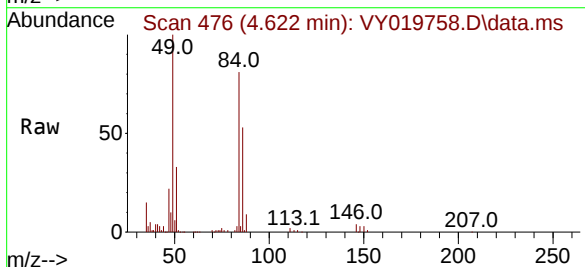
Ion Ratio Lower Upper

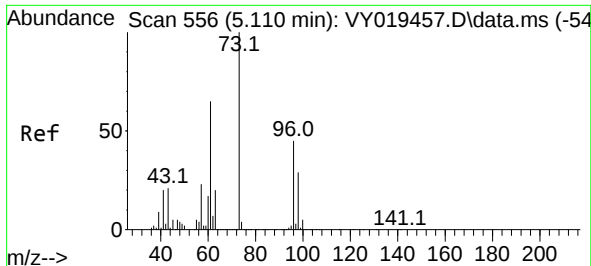
84 100

49 122.6 84.4 126.6

51 39.4 26.0 39.0#

86 64.7 49.5 74.3

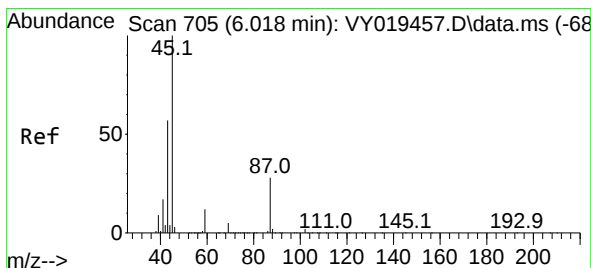
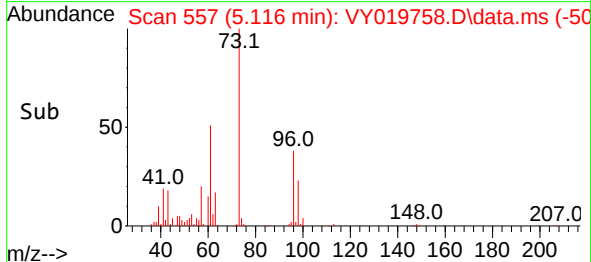
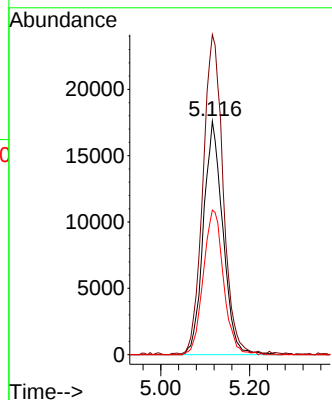
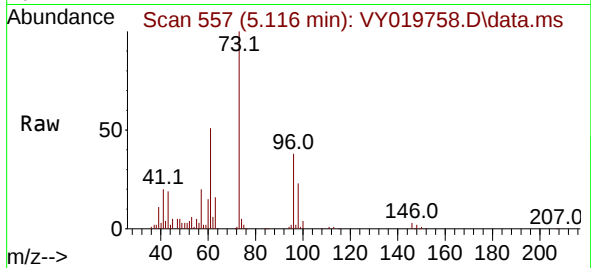




#21
trans-1,2-Dichloroethene
Concen: 18.009 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

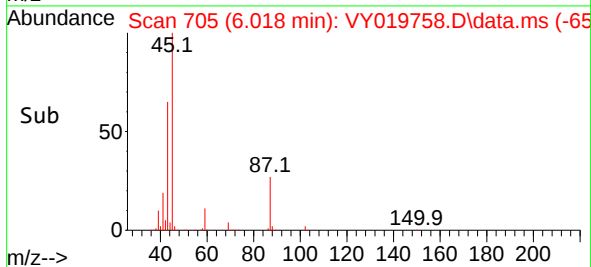
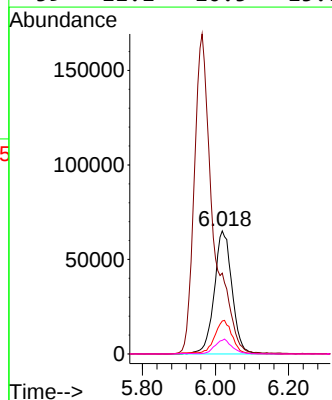
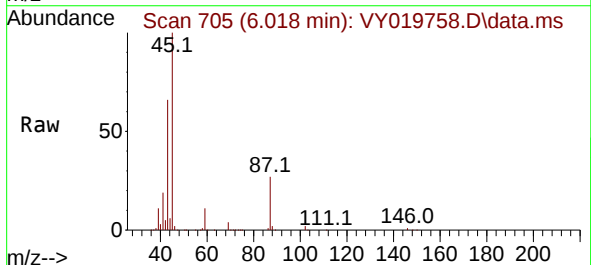
Instrument :
MSVOA_Y
ClientSampleId :

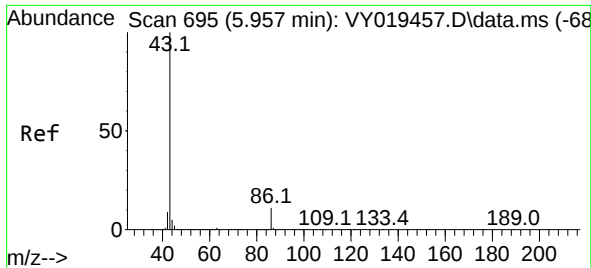
Tgt Ion: 96 Resp: 53490
Ion Ratio Lower Upper
96 100
61 136.8 97.5 146.3
98 62.0 50.5 75.7



#22
Diisopropyl ether
Concen: 21.951 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 45 Resp: 219056
Ion Ratio Lower Upper
45 100
43 64.9 42.2 63.2#
87 26.8 25.0 37.6
59 11.1 10.5 15.7

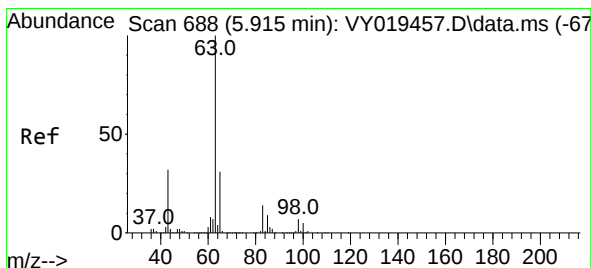
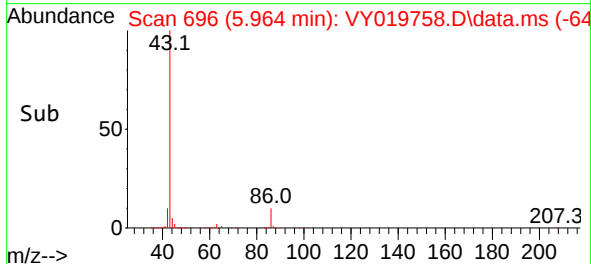
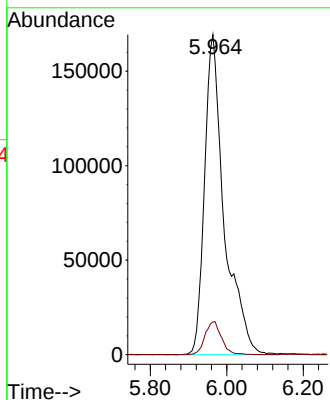
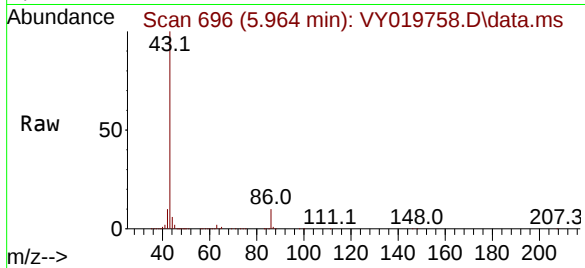




#23
 Vinyl Acetate
 Concen: 106.148 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY019758.D
 Acq: 02 Oct 2024 12:36

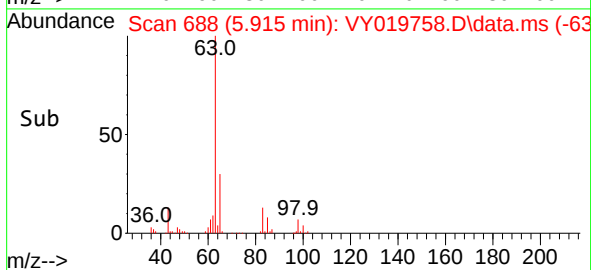
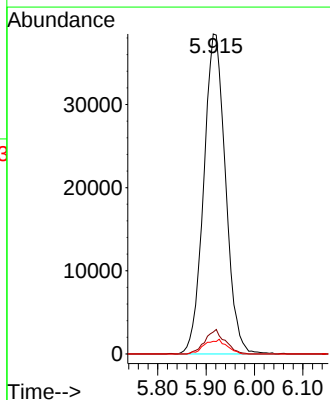
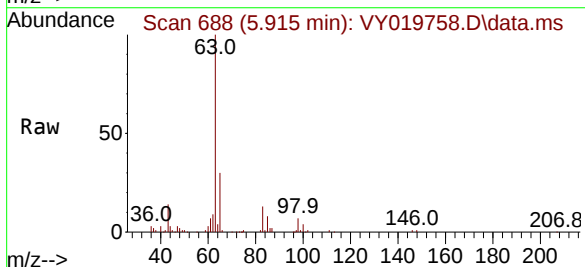
Instrument :
 MSVOA_Y
 ClientSampleId :

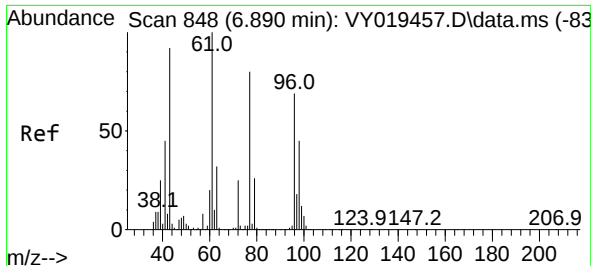
Tgt Ion: 43 Resp: 605045
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.521 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019758.D
 Acq: 02 Oct 2024 12:36

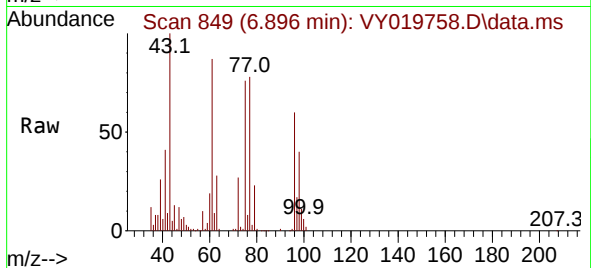
Tgt Ion: 63 Resp: 120515
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.0 2.6 8.0



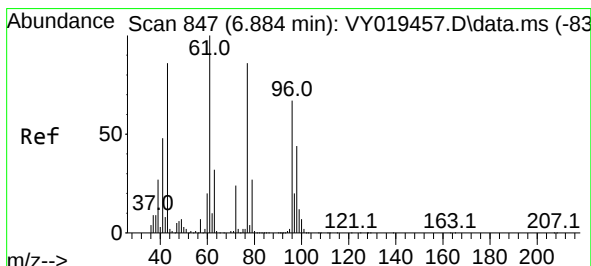
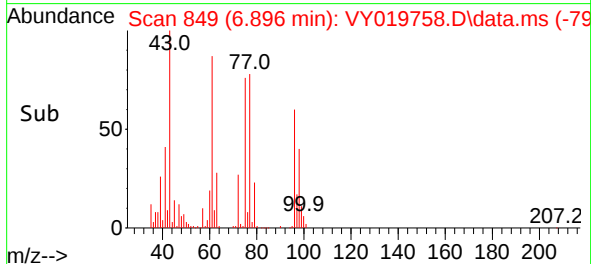
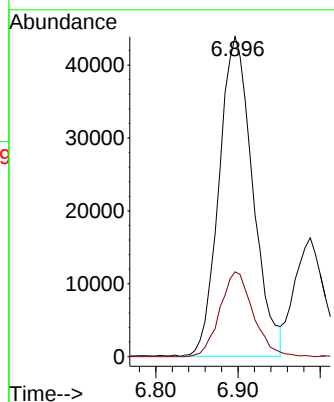


#25
2-Butanone
Concen: 130.369 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Instrument :
MSVOA_Y
ClientSampleId :

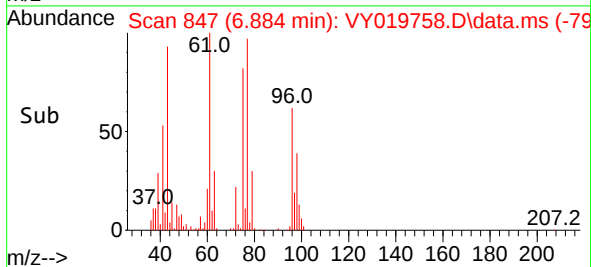
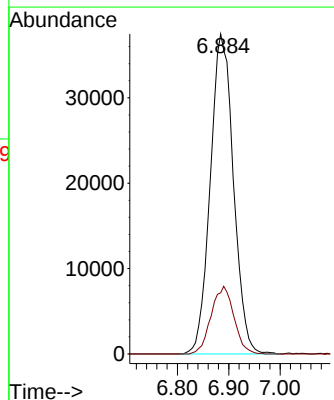
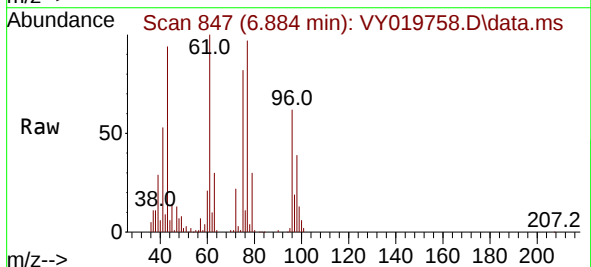


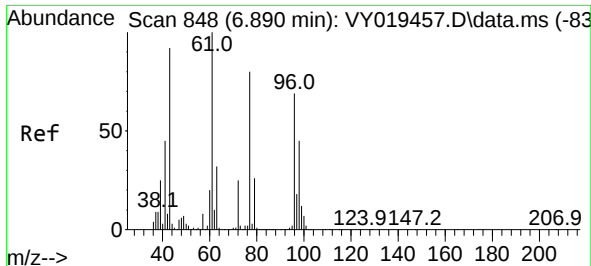
Tgt Ion: 43 Resp: 124932
Ion Ratio Lower Upper
43 100
72 26.5 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 23.208 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 77 Resp: 117226
Ion Ratio Lower Upper
77 100
97 20.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.386 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

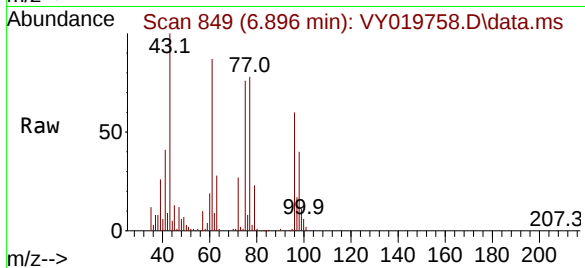
Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :



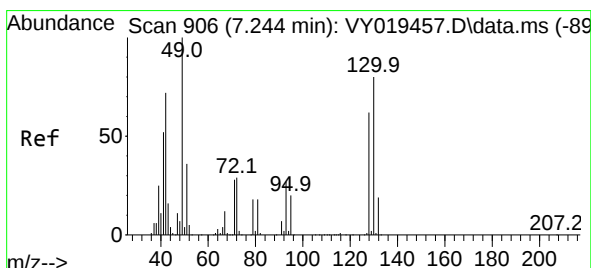
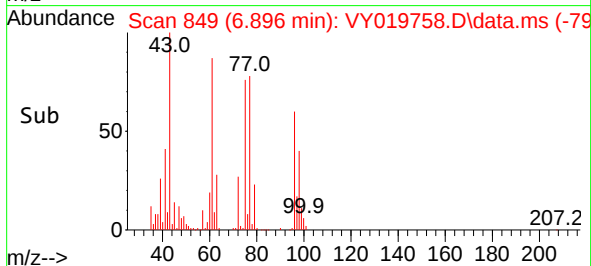
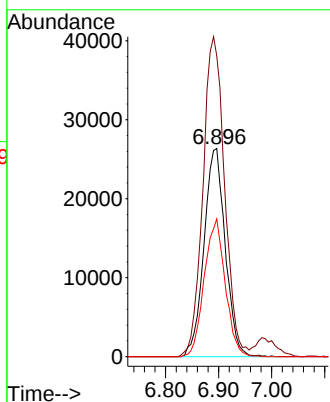
Tgt Ion: 96 Resp: 73553

Ion Ratio Lower Upper

96 100

61 156.3 0.0 256.2

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 20.643 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

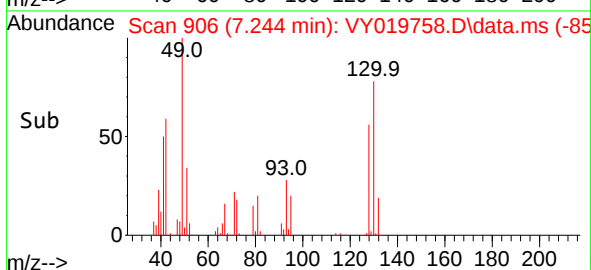
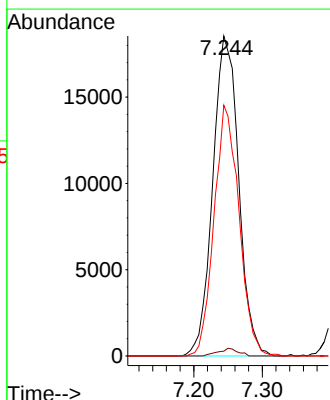
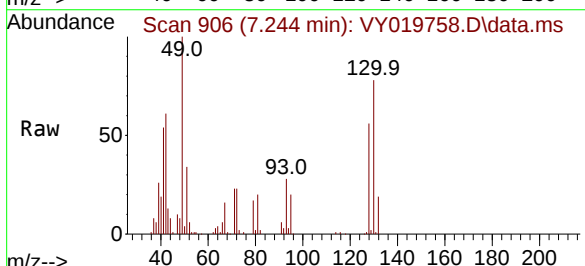
Tgt Ion: 49 Resp: 48636

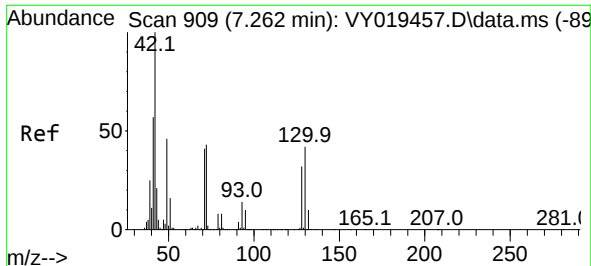
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 75.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 103.483 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

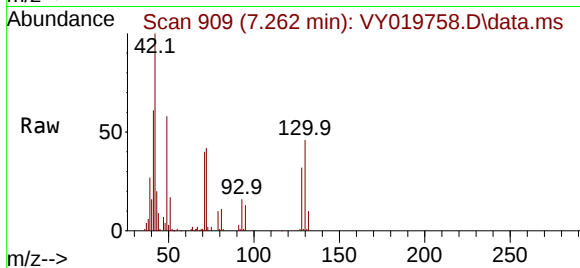
Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

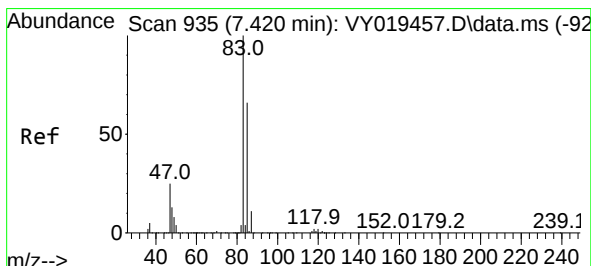
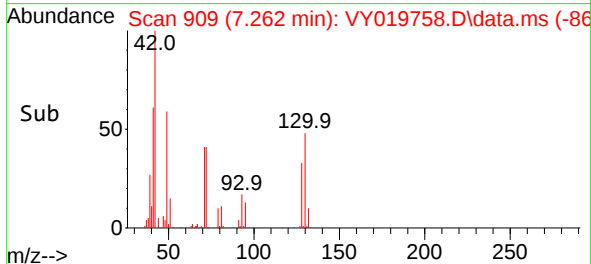
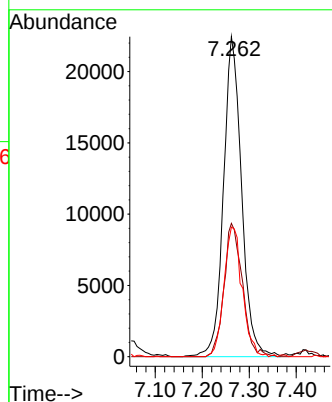
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	60295
Ion	Ratio	Lower	Upper
42	100		
72	42.3	43.0	64.4#
71	40.8	40.8	61.2#



#30

Chloroform

Concen: 22.338 ug/l

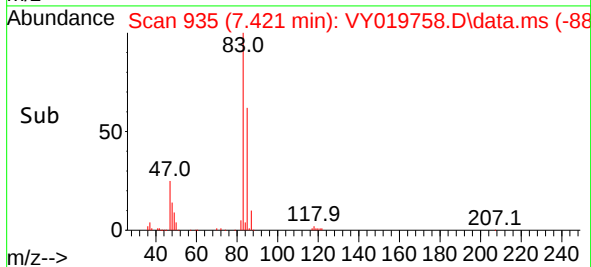
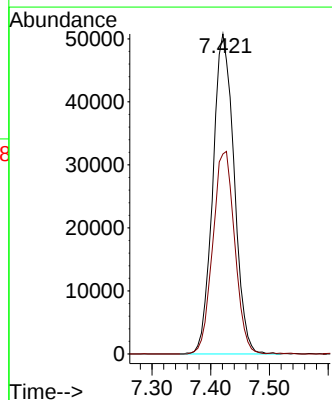
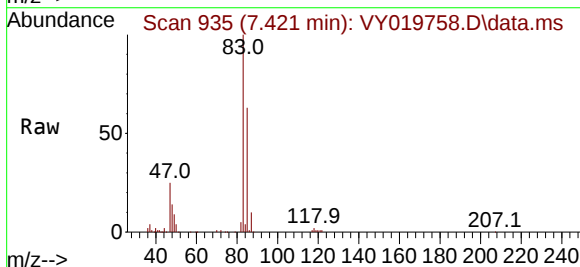
RT: 7.421 min Scan# 935

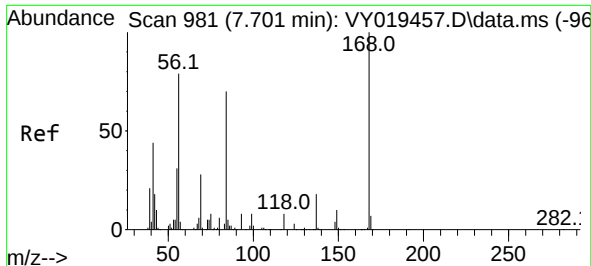
Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

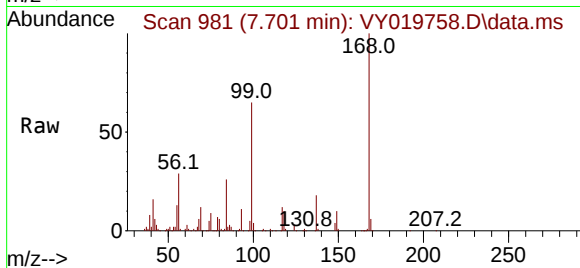
Tgt Ion:	83	Resp:	127695
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.2	78.4



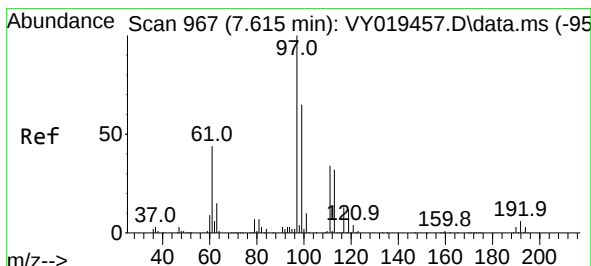
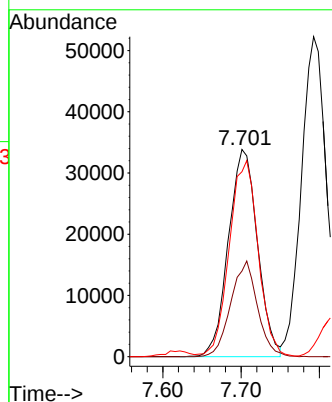
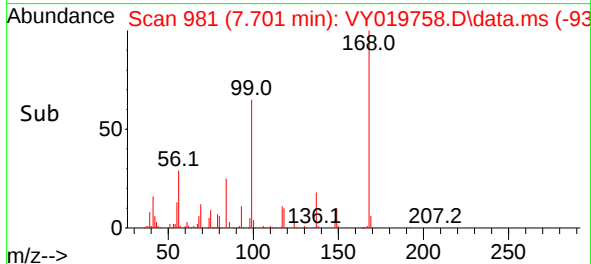


#31
Cyclohexane
Concen: 17.243 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Instrument :
MSVOA_Y
ClientSampleId :

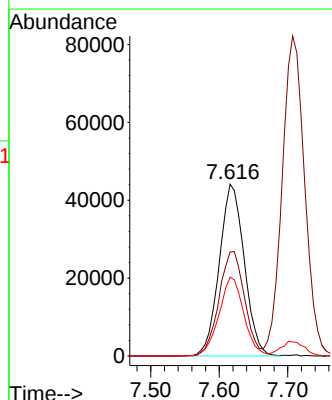
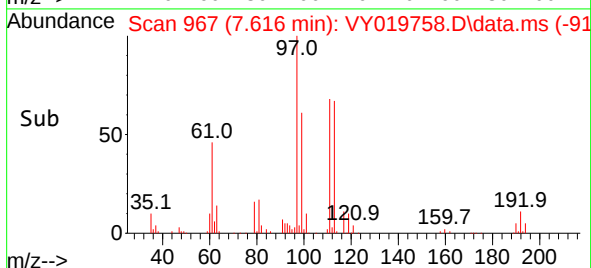
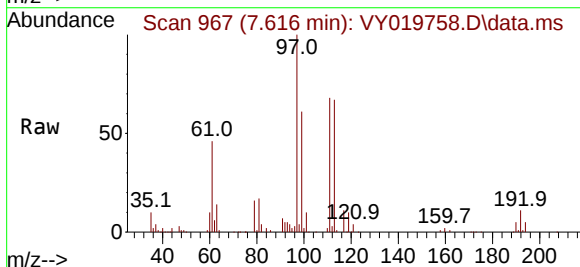


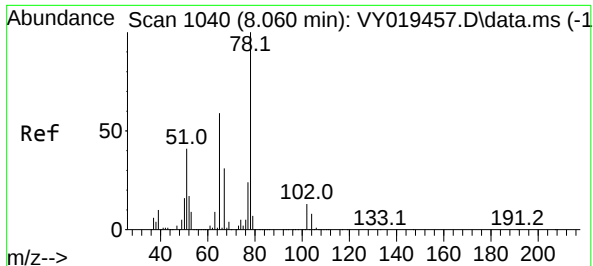
Tgt Ion: 56 Resp: 87277
Ion Ratio Lower Upper
56 100
69 41.3 28.7 43.1
84 86.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.787 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 97 Resp: 111631
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 45.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.672 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

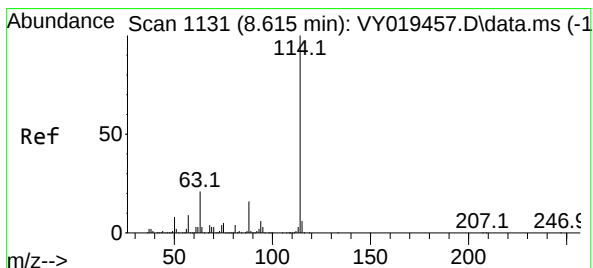
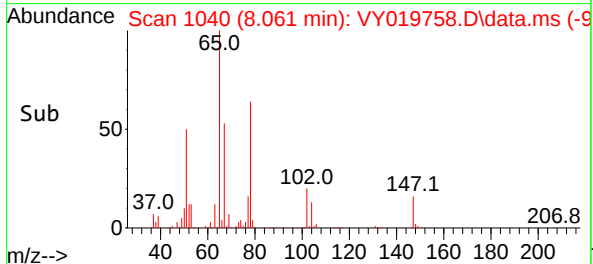
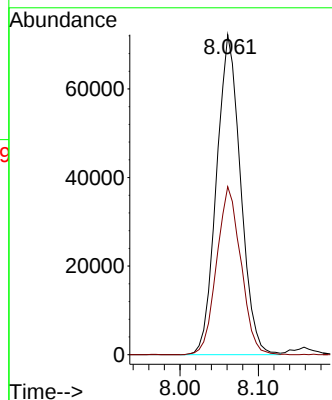
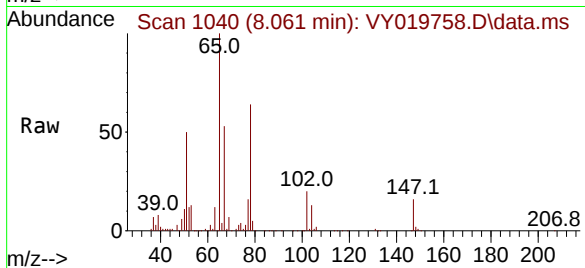
ClientSampleId :

Tgt Ion: 65 Resp: 154624

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019758.D

Acq: 02 Oct 2024 12:36

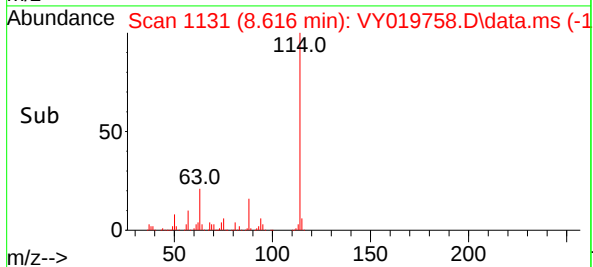
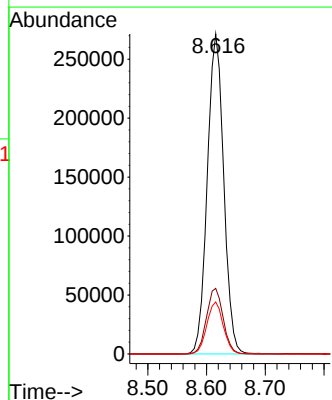
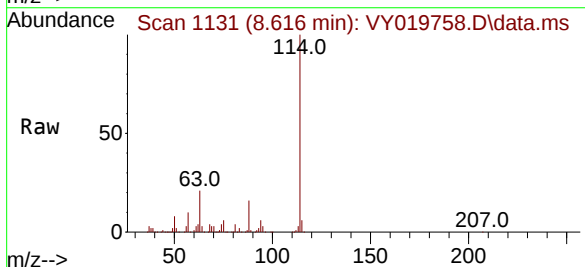
Tgt Ion: 114 Resp: 526776

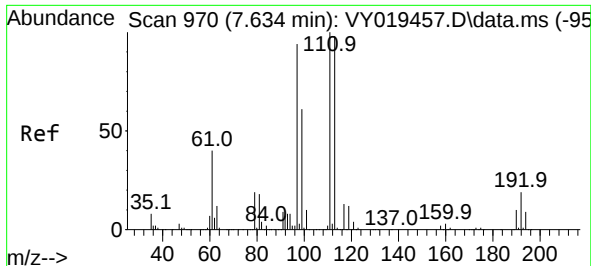
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

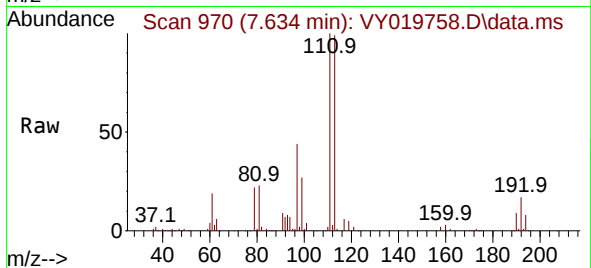
88 16.3 0.0 27.2



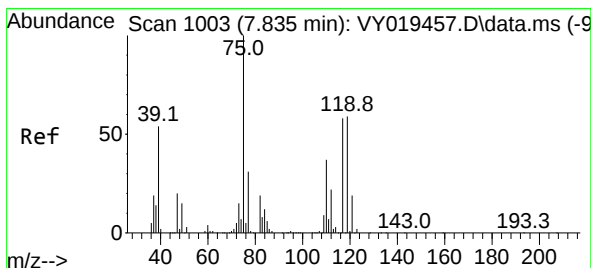
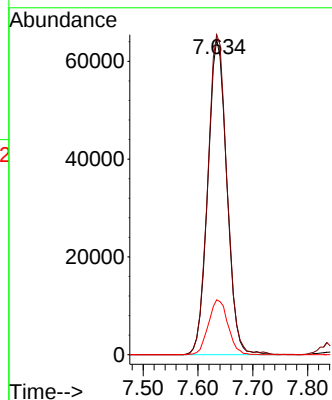
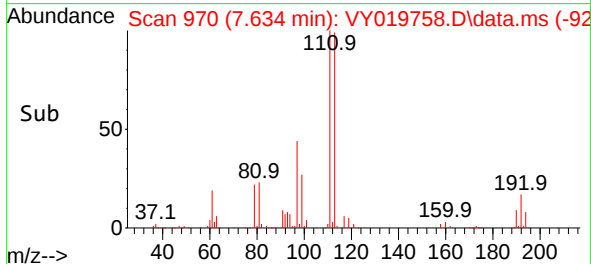


#35
Dibromofluoromethane
Concen: 51.834 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

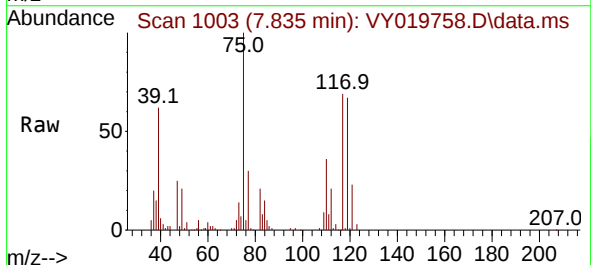
Instrument :
MSVOA_Y
ClientSampleId :



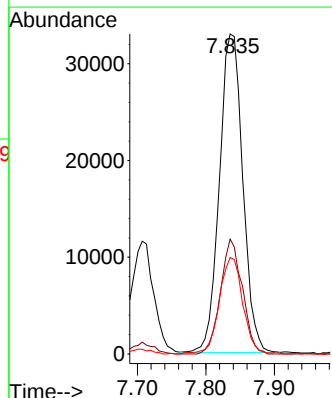
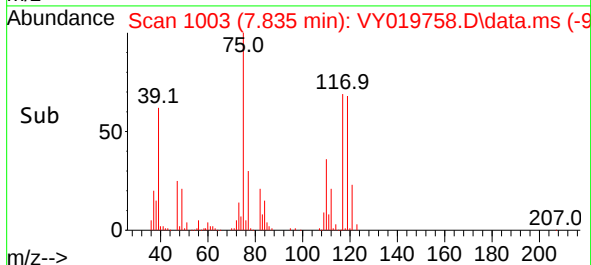
Tgt Ion:113 Resp: 154814
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.9 15.9 23.9

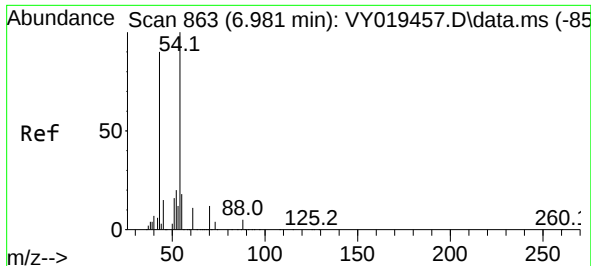


#36
1,1-Dichloropropene
Concen: 19.175 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36



Tgt Ion: 75 Resp: 77928
Ion Ratio Lower Upper
75 100
110 33.7 19.0 57.0
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 20.720 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

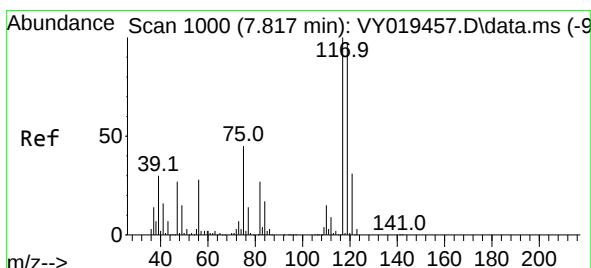
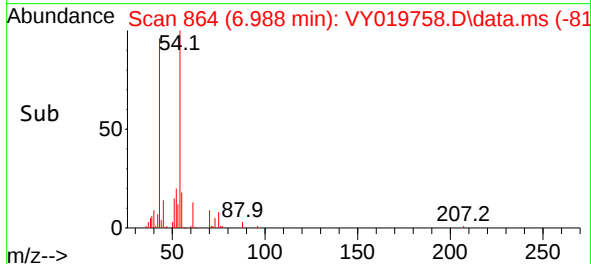
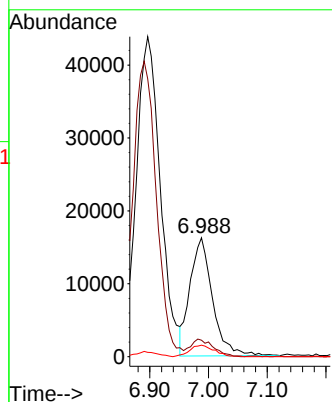
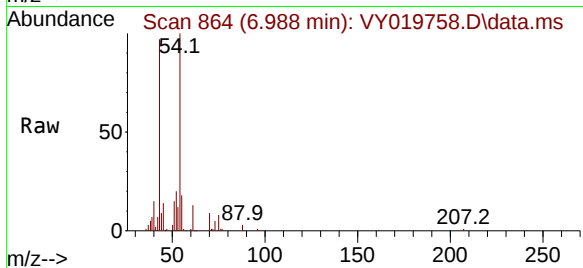
Tgt Ion: 43 Resp: 43145

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.258 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

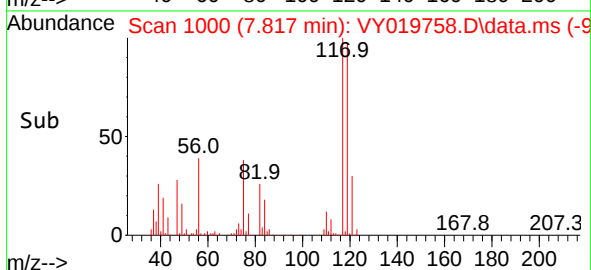
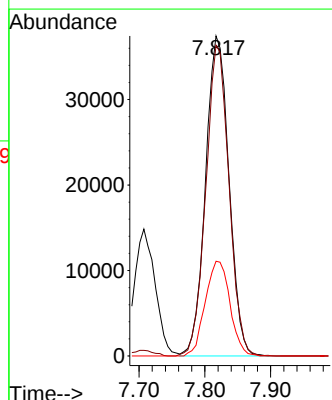
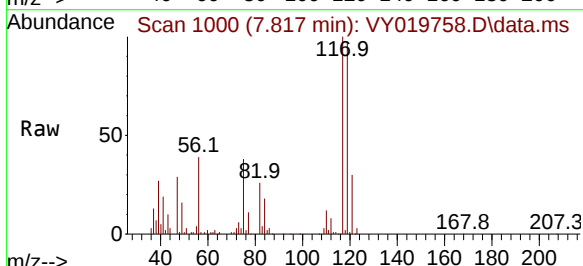
Tgt Ion: 117 Resp: 92844

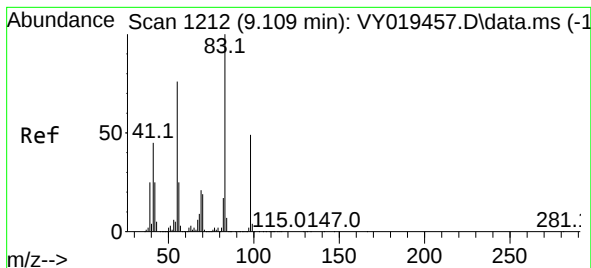
Ion Ratio Lower Upper

117 100

119 97.1 75.8 113.6

121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 17.175 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

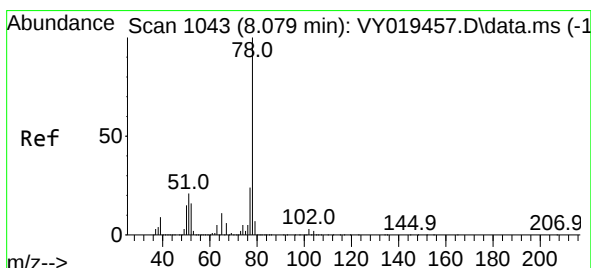
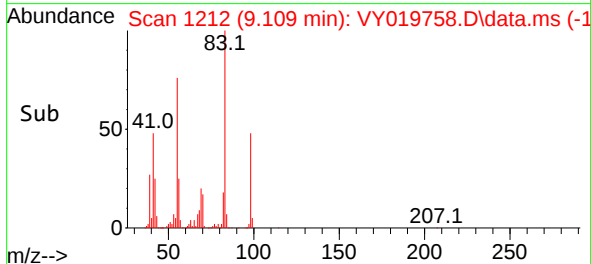
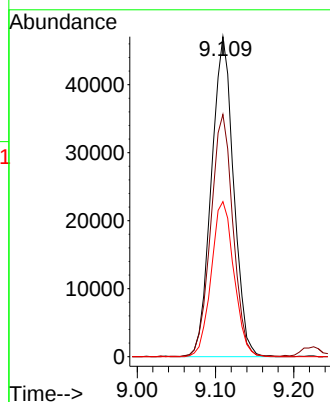
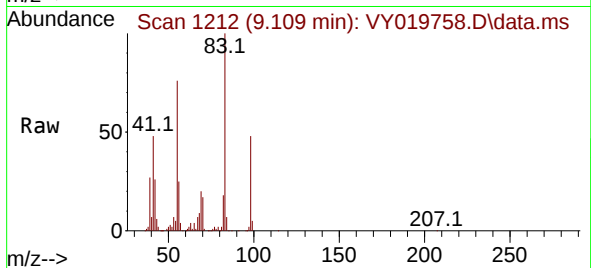
Tgt Ion: 83 Resp: 92887

Ion Ratio Lower Upper

83 100

55 75.6 51.5 77.3

98 48.4 40.5 60.7



#40

Benzene

Concen: 19.806 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019758.D

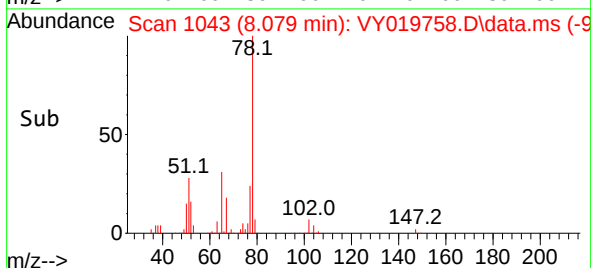
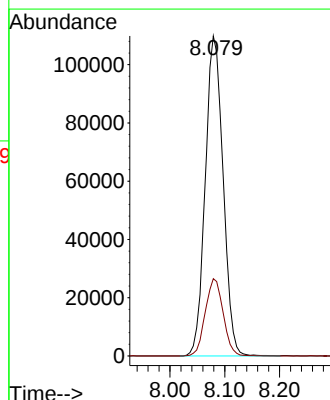
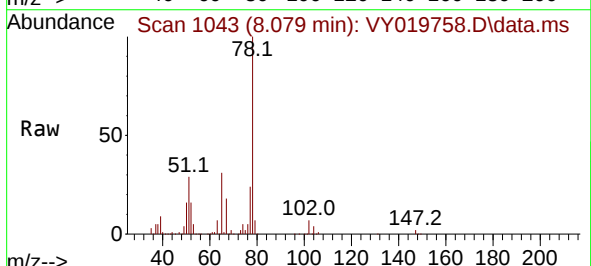
Acq: 02 Oct 2024 12:36

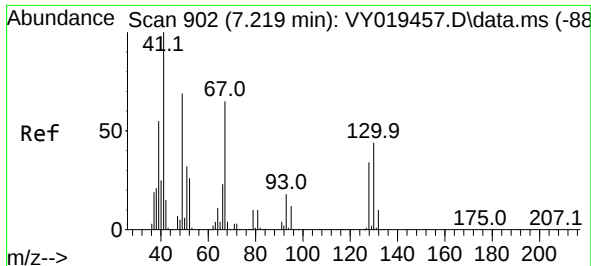
Tgt Ion: 78 Resp: 247918

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

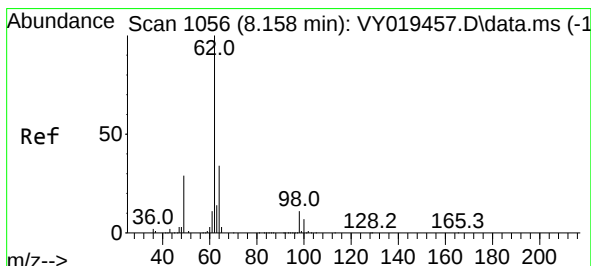
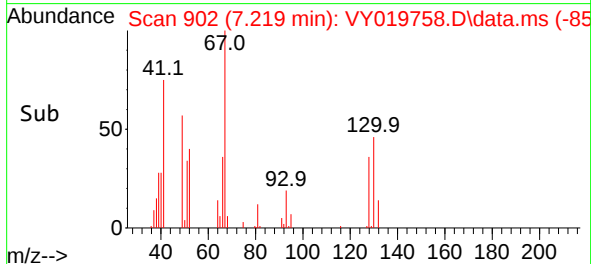
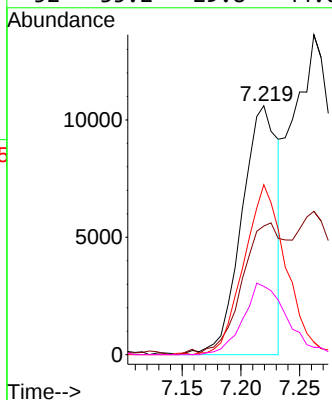
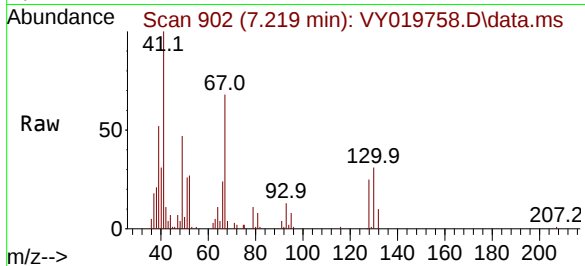




#41
Methacrylonitrile
Concen: 18.581 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

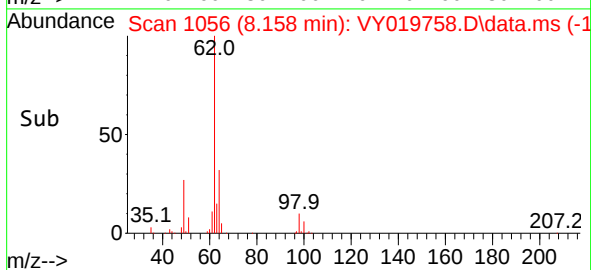
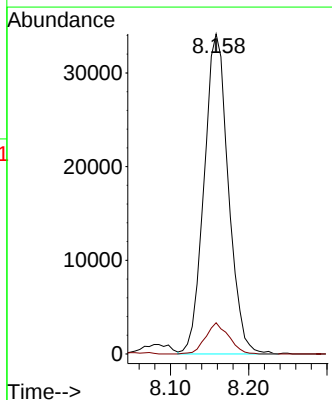
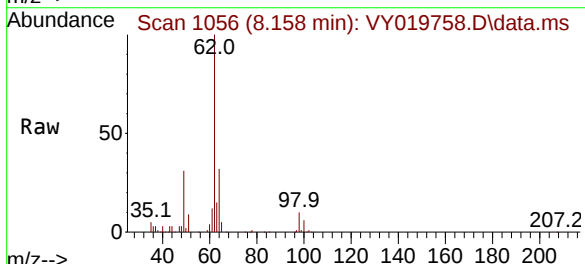
Instrument :
MSVOA_Y
ClientSampleId :

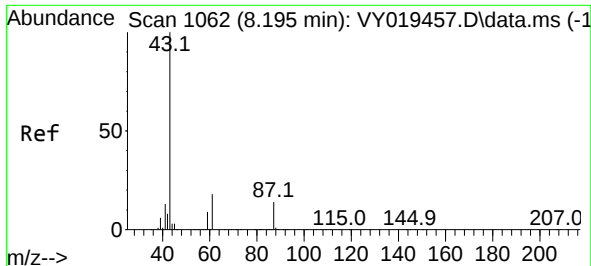
Tgt Ion:	41	Resp:	22554
Ion	Ratio	Lower	Upper
41	100		
39	70.1	48.0	72.0
67	80.5	75.1	112.7
52	35.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.819 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion:	62	Resp:	73494
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	22.0

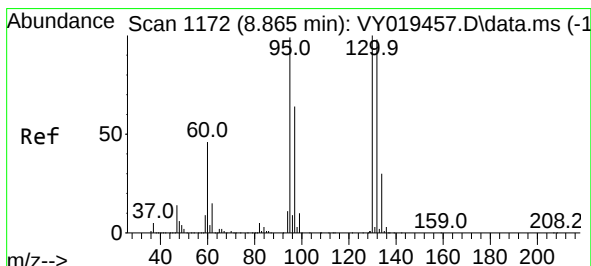
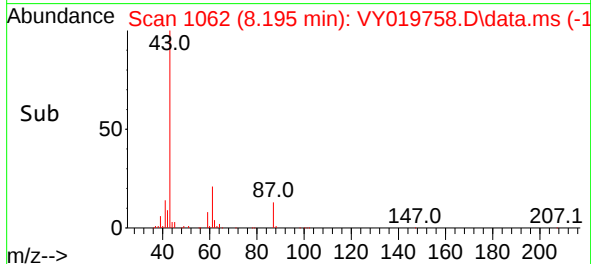
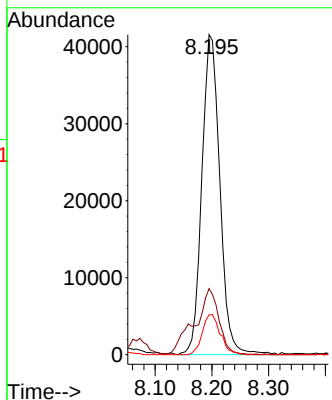
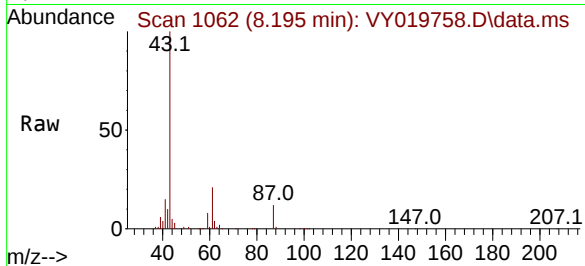




#43
Isopropyl Acetate
Concen: 20.986 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

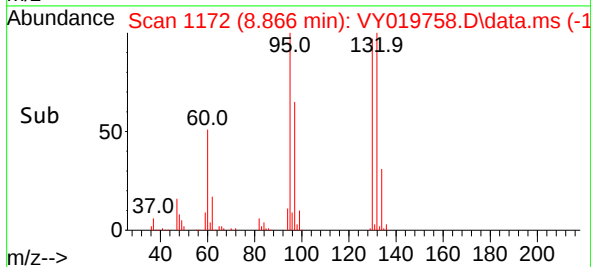
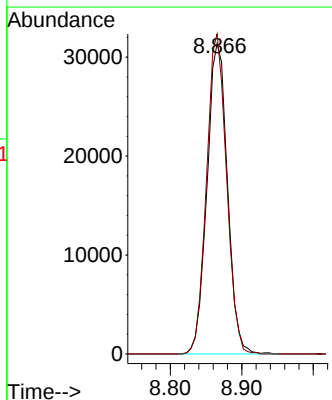
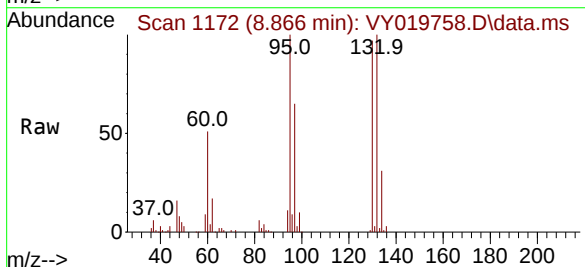
Instrument :
MSVOA_Y
ClientSampleId :

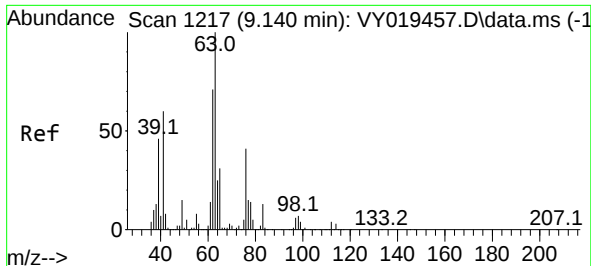
Tgt Ion: 43 Resp: 91809
Ion Ratio Lower Upper
43 100
61 27.9 27.9 41.9#
87 12.5 13.1 19.7#



#44
Trichloroethene
Concen: 19.373 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion:130 Resp: 62368
Ion Ratio Lower Upper
130 100
95 103.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.168 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

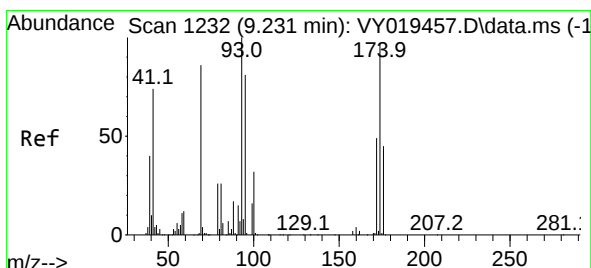
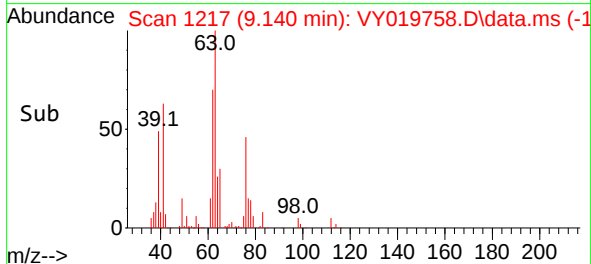
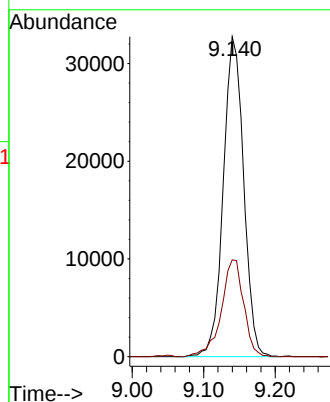
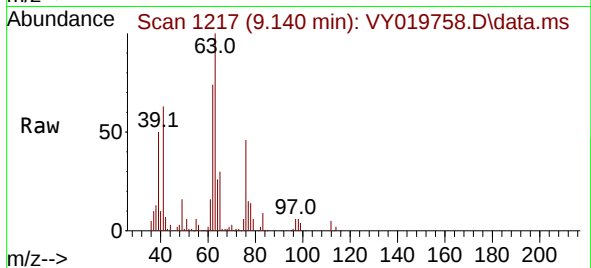
ClientSampleId :

Tgt Ion: 63 Resp: 64778

Ion Ratio Lower Upper

63 100

65 30.2 25.4 38.2



#46

Dibromomethane

Concen: 21.046 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

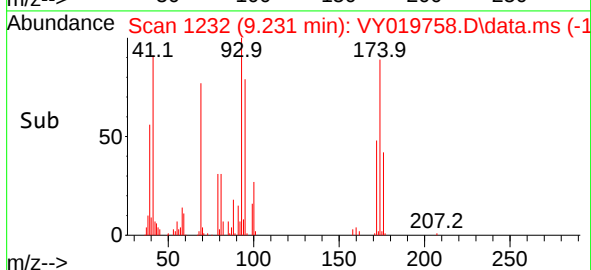
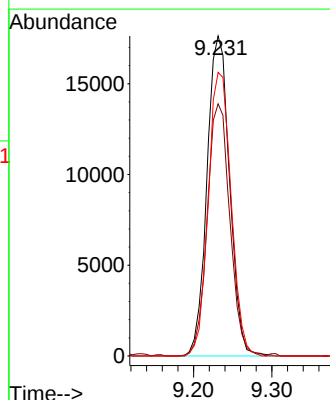
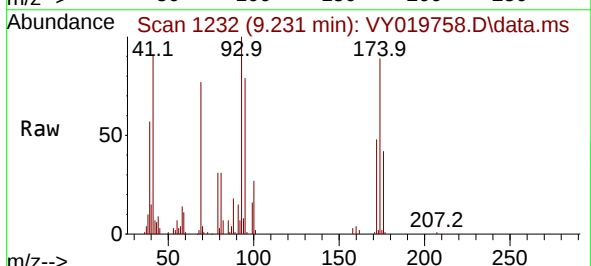
Tgt Ion: 93 Resp: 35220

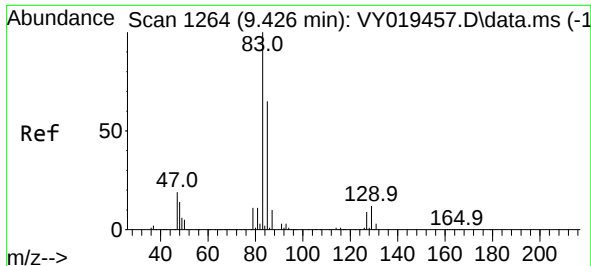
Ion Ratio Lower Upper

93 100

95 79.2 66.2 99.4

174 89.6 80.9 121.3

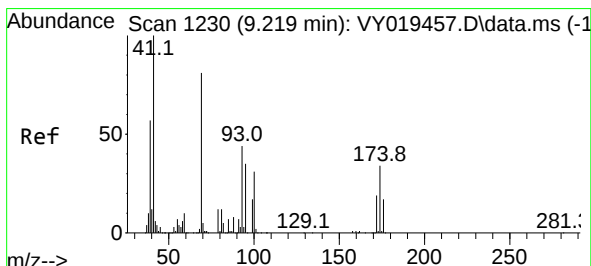
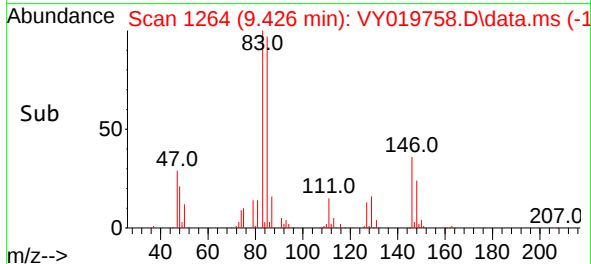
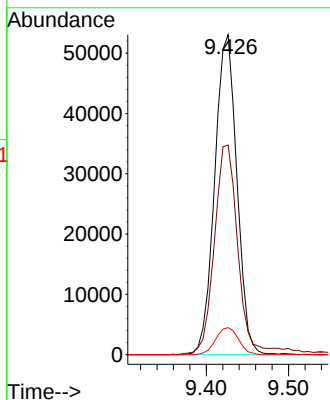
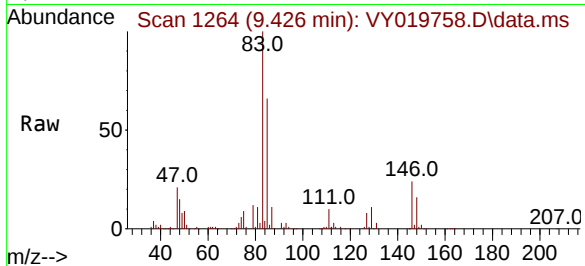




#47
Bromodichloromethane
Concen: 22.148 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

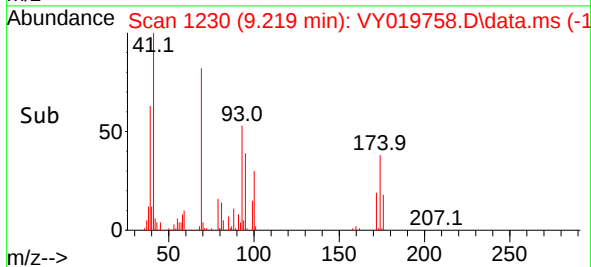
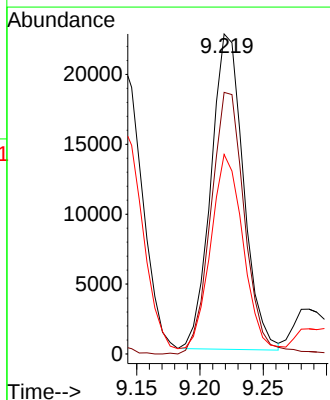
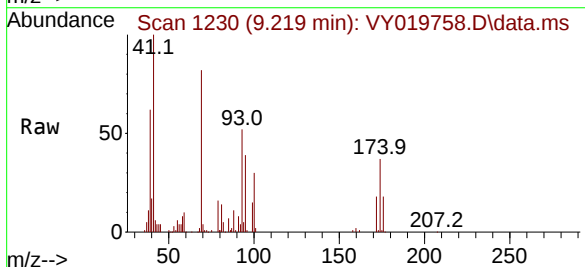
Instrument :
MSVOA_Y
ClientSampleId :

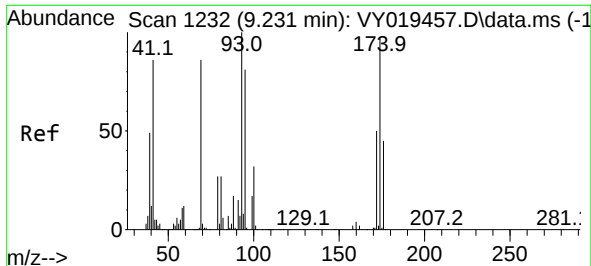
Tgt Ion: 83 Resp: 99632
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 19.529 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 41 Resp: 40345
Ion Ratio Lower Upper
41 100
69 86.2 84.1 126.1
39 63.1 43.6 65.4





#49

1,4-Dioxane

Concen: 405.571 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

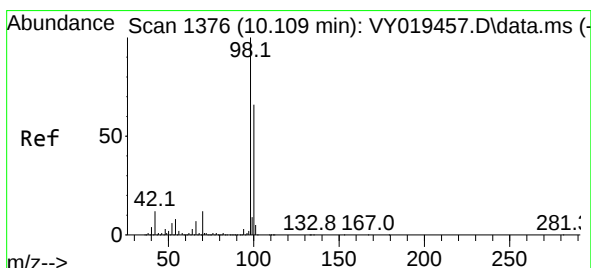
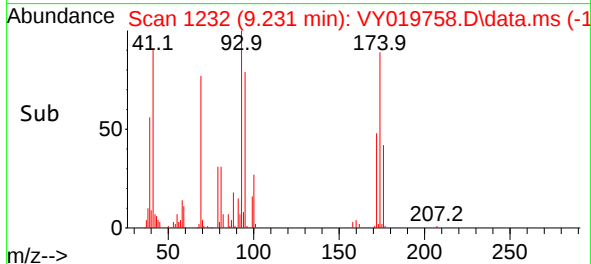
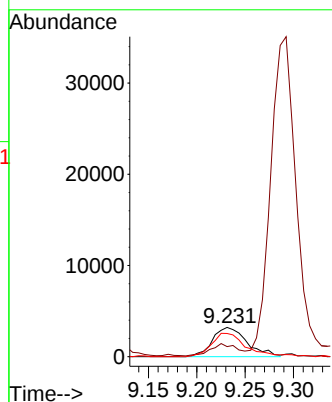
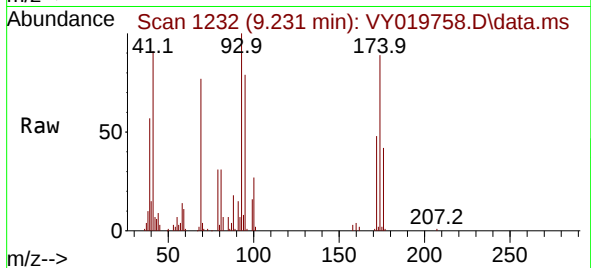
Tgt Ion: 88 Resp: 7990

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 81.4 49.3 73.9#



#50

Toluene-d8

Concen: 49.985 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019758.D

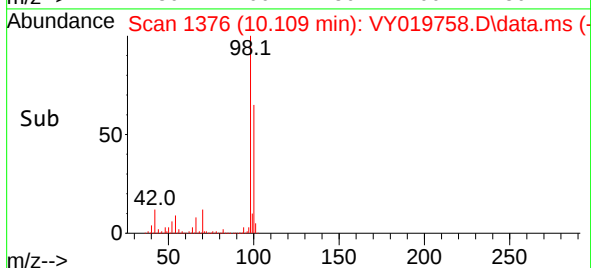
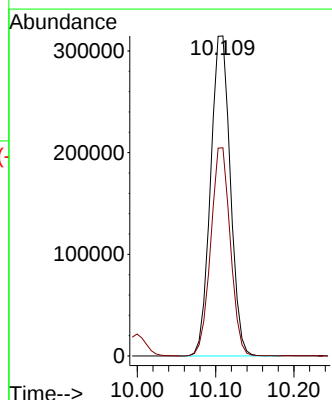
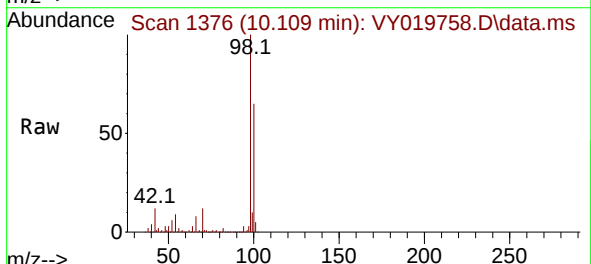
Acq: 02 Oct 2024 12:36

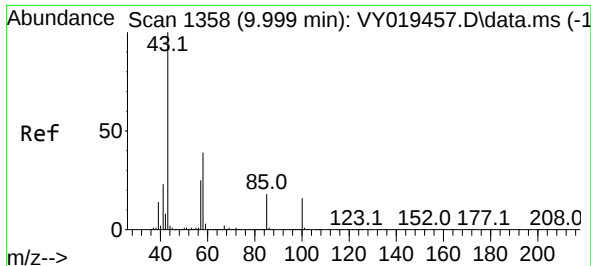
Tgt Ion: 98 Resp: 552191

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 106.524 ug/l

RT: 9.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

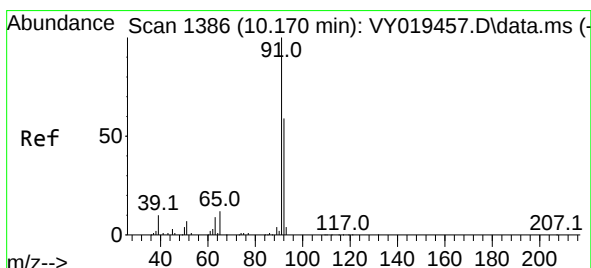
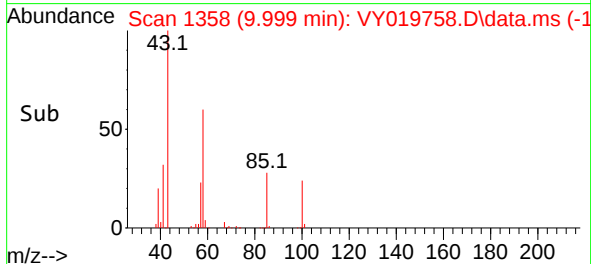
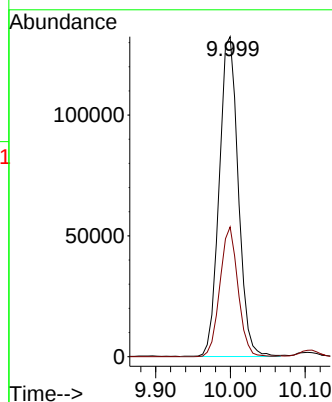
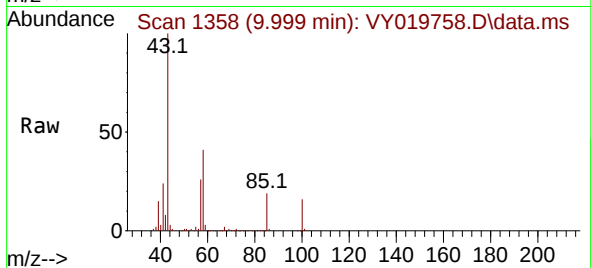
ClientSampleId :

Tgt Ion: 43 Resp: 234452

Ion Ratio Lower Upper

43 100

58 38.7 35.7 53.5



#52

Toluene

Concen: 19.905 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019758.D

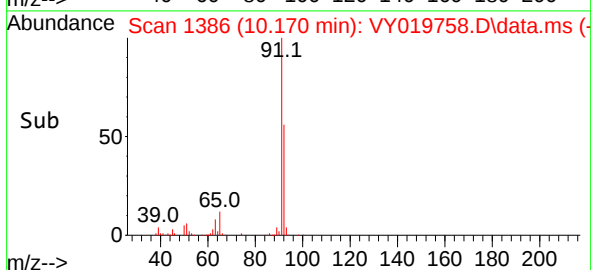
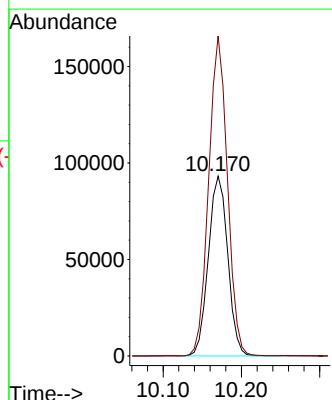
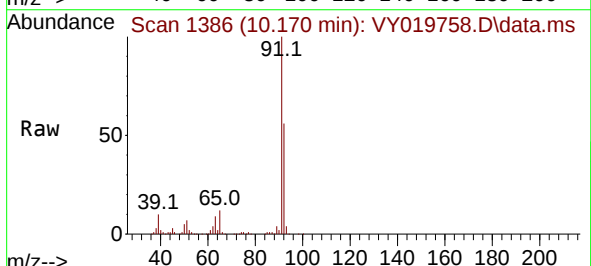
Acq: 02 Oct 2024 12:36

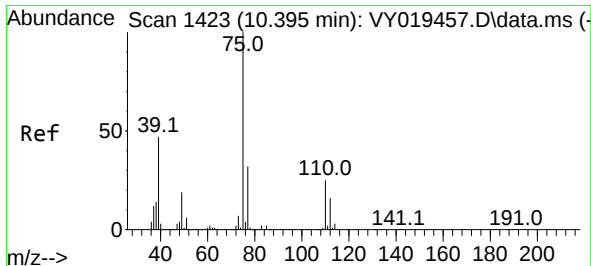
Tgt Ion: 92 Resp: 160250

Ion Ratio Lower Upper

92 100

91 171.7 139.0 208.6

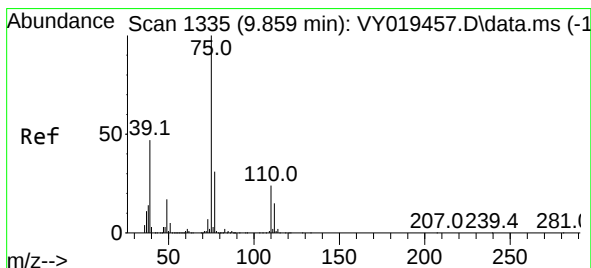
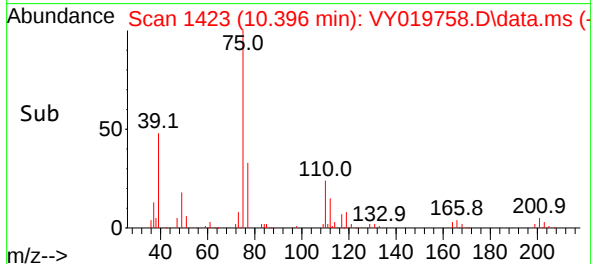
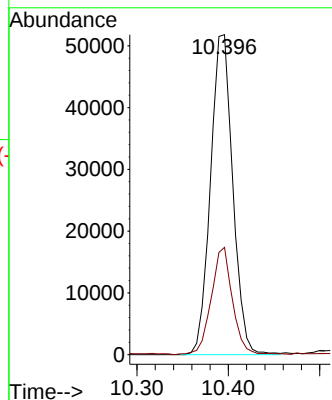
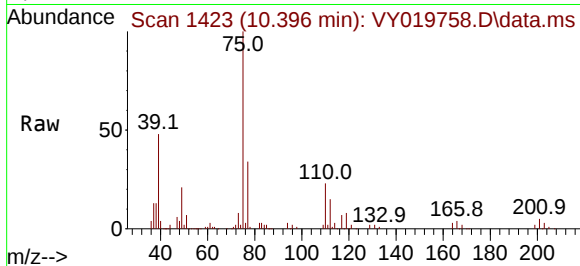




#53
t-1,3-Dichloropropene
Concen: 20.441 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

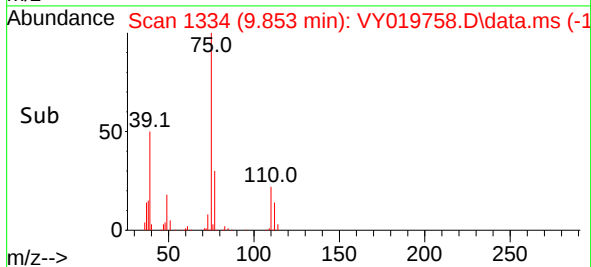
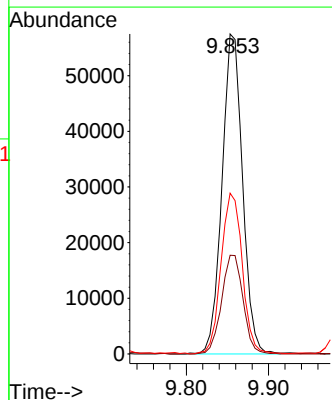
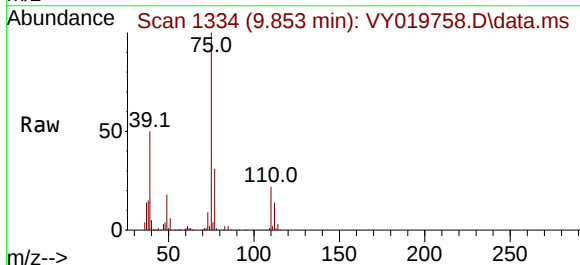
Instrument :
MSVOA_Y
ClientSampleId :

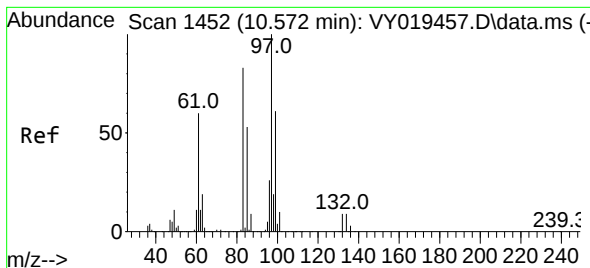
Tgt Ion: 75 Resp: 87655
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.047 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 75 Resp: 100098
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 50.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.354 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 49350

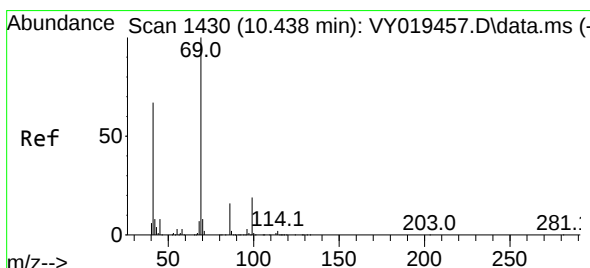
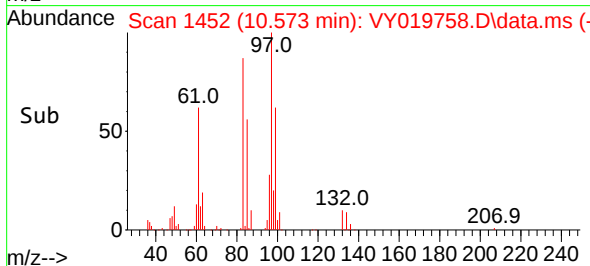
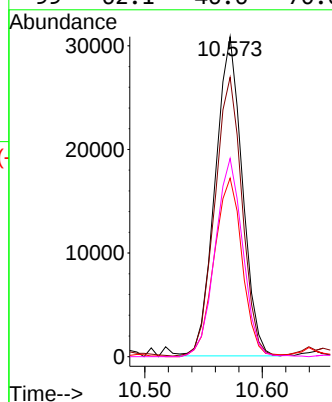
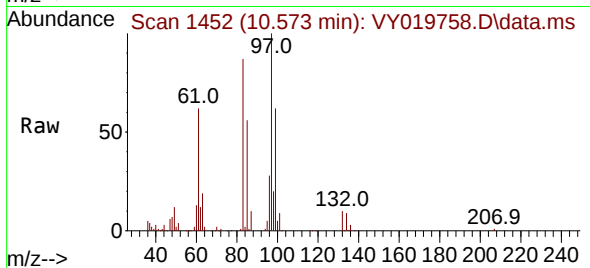
Ion Ratio Lower Upper

97 100

83 87.0 67.5 101.3

85 55.9 42.9 64.3

99 62.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.035 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

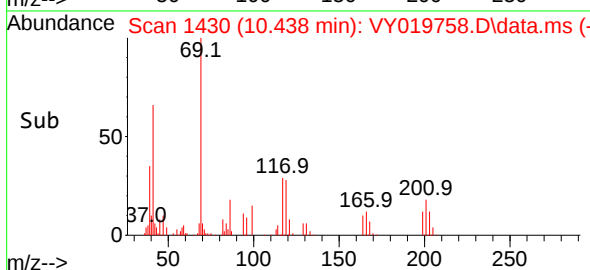
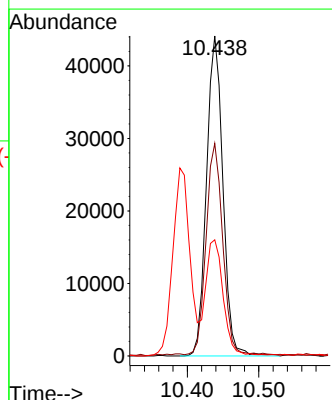
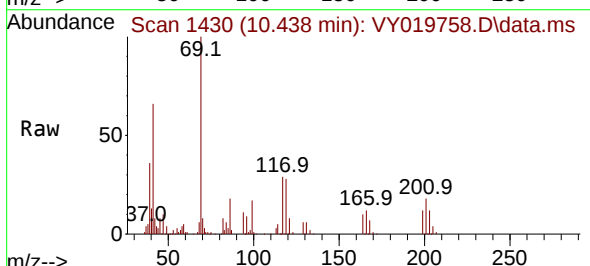
Tgt Ion: 69 Resp: 70334

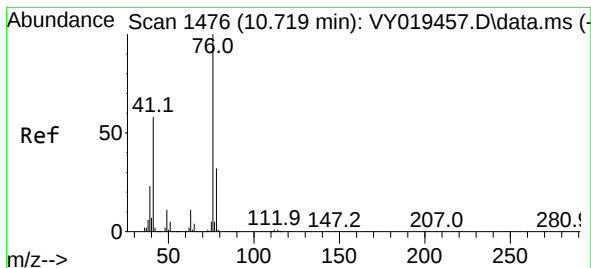
Ion Ratio Lower Upper

69 100

41 68.6 42.3 63.5#

39 39.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.178 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

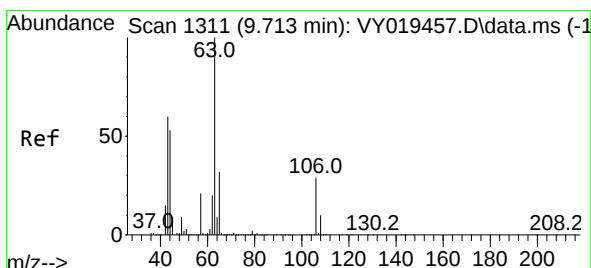
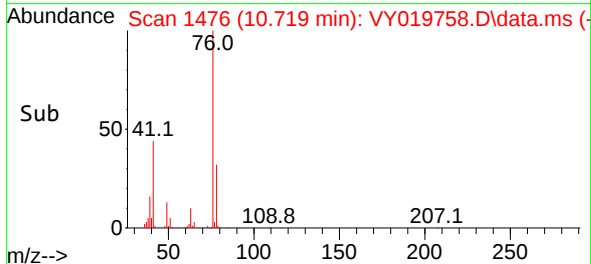
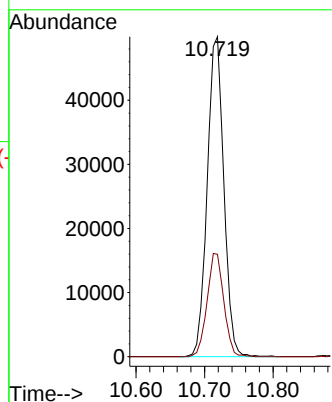
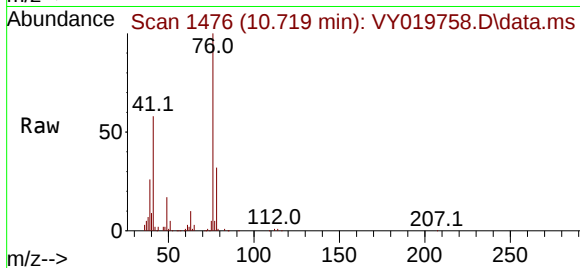
ClientSampleId :

Tgt Ion: 76 Resp: 84130

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.444 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019758.D

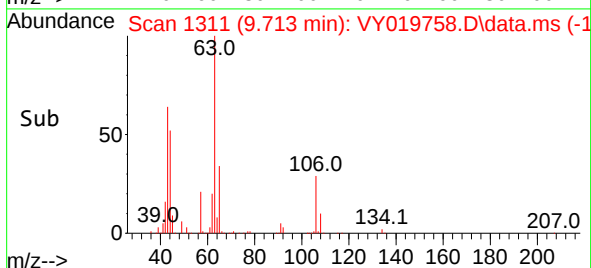
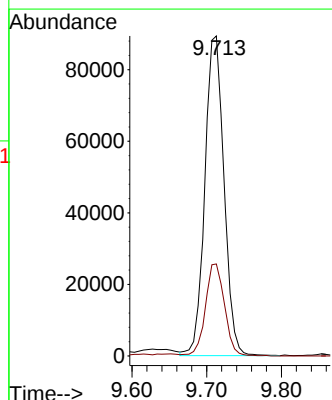
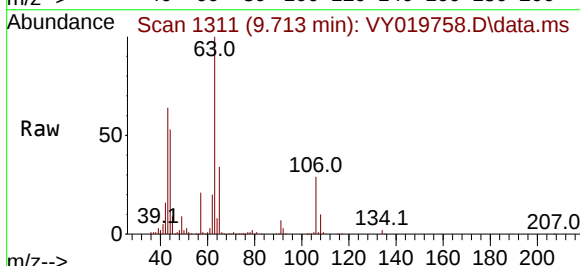
Acq: 02 Oct 2024 12:36

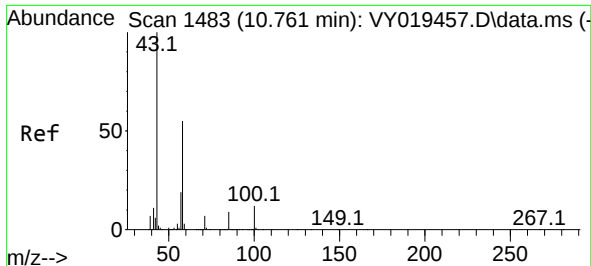
Tgt Ion: 63 Resp: 158772

Ion Ratio Lower Upper

63 100

106 28.8 23.7 35.5

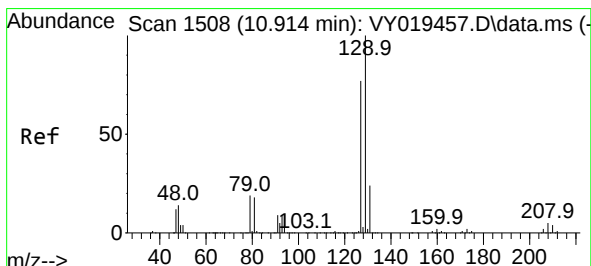
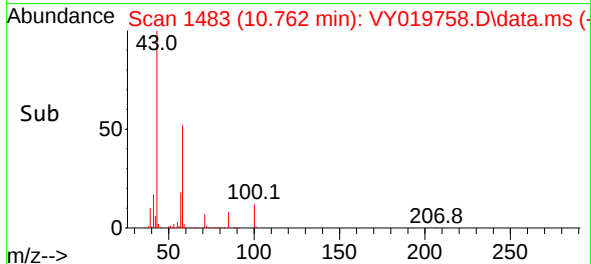
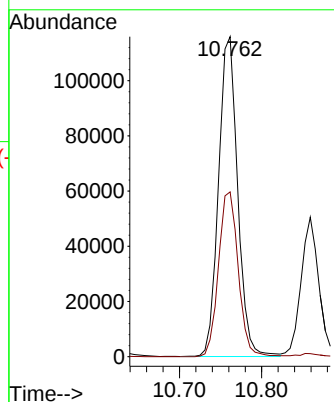
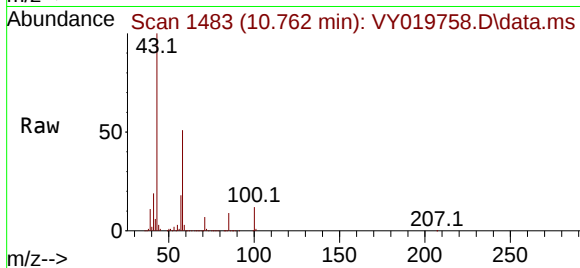




#59
2-Hexanone
Concen: 115.855 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

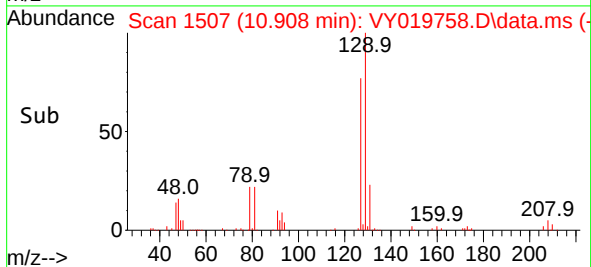
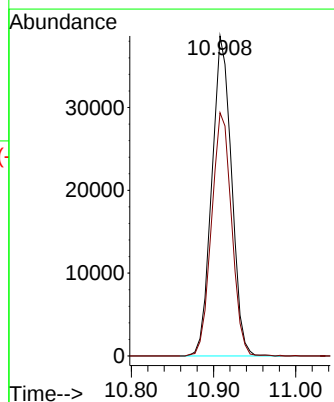
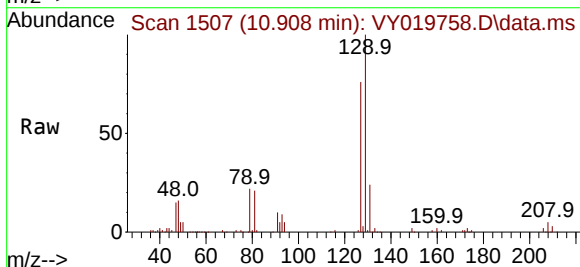
Instrument :
MSVOA_Y
ClientSampleId :

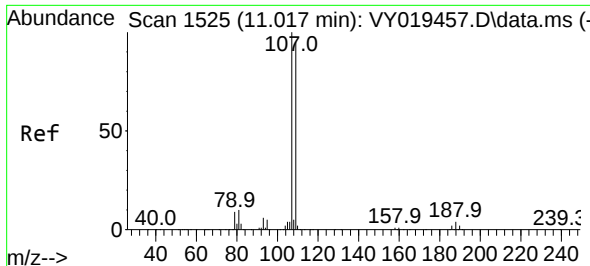
Tgt Ion: 43 Resp: 186941
Ion Ratio Lower Upper
43 100
58 53.3 31.4 94.0



#60
Dibromochloromethane
Concen: 21.059 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 129 Resp: 64380
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

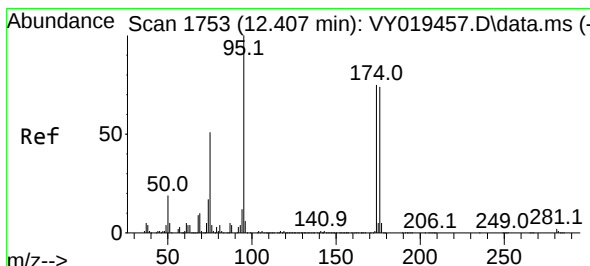
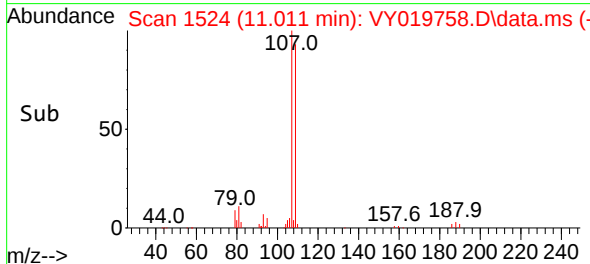
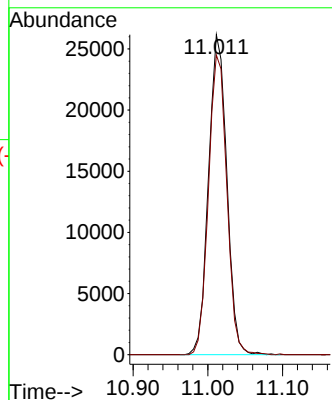
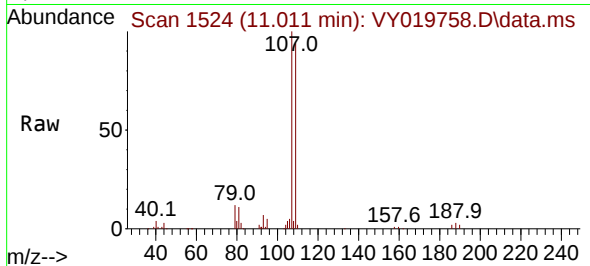




#61
1,2-Dibromoethane
Concen: 20.628 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

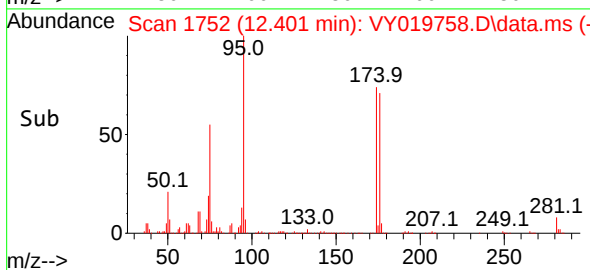
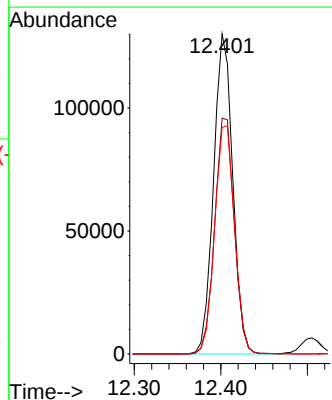
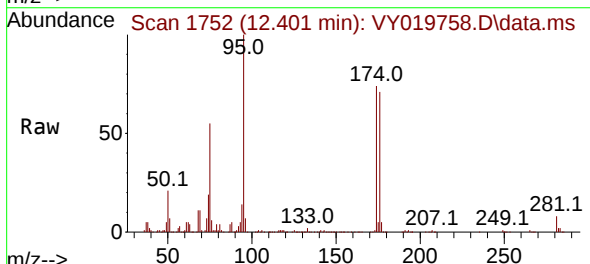
Instrument :
MSVOA_Y
ClientSampleId :

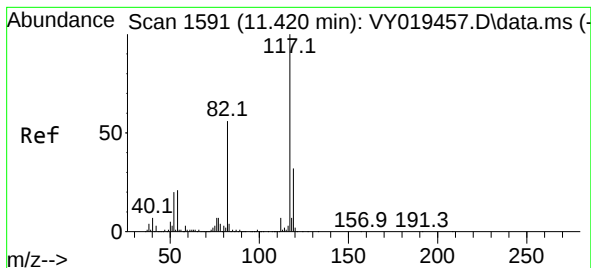
Tgt Ion:107 Resp: 44418
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.958 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 95 Resp: 199464
Ion Ratio Lower Upper
95 100
174 75.5 0.0 175.6
176 74.4 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: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

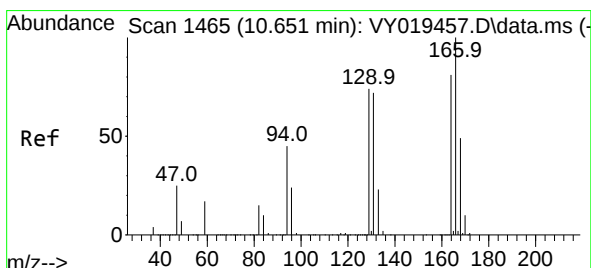
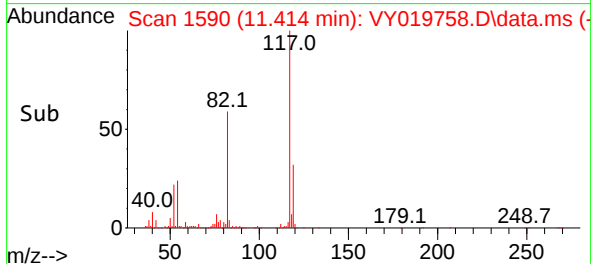
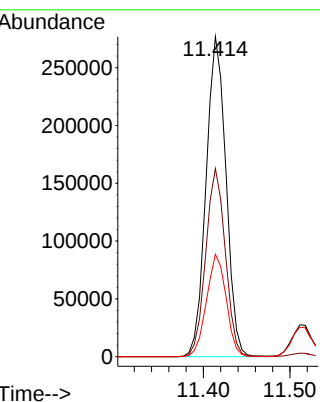
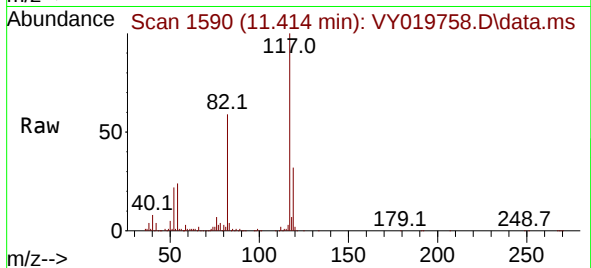
Tgt Ion:117 Resp: 441882

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 19.097 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Tgt Ion:164 Resp: 52256

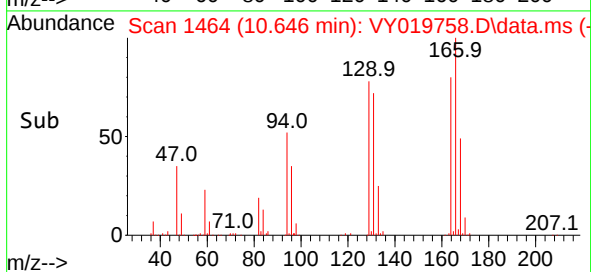
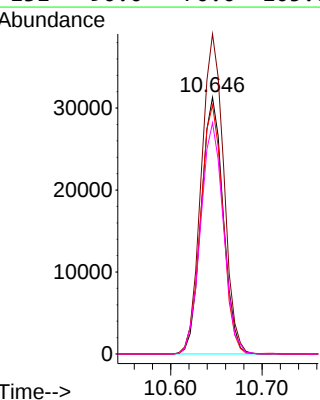
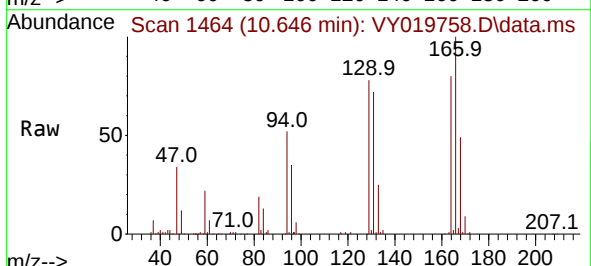
Ion Ratio Lower Upper

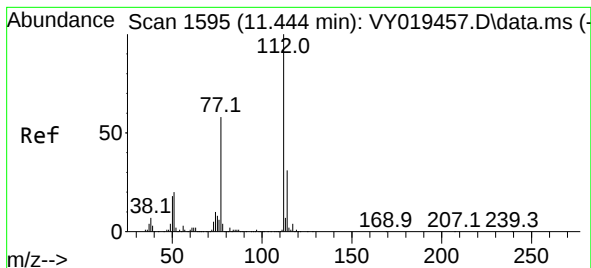
164 100

166 124.7 102.6 154.0

129 97.0 72.0 108.0

131 90.0 70.0 105.0





#65

Chlorobenzene

Concen: 21.030 ug/l

RT: 11.438 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

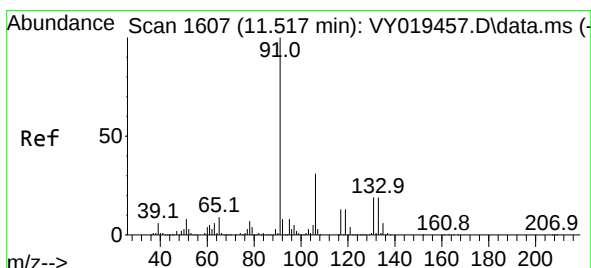
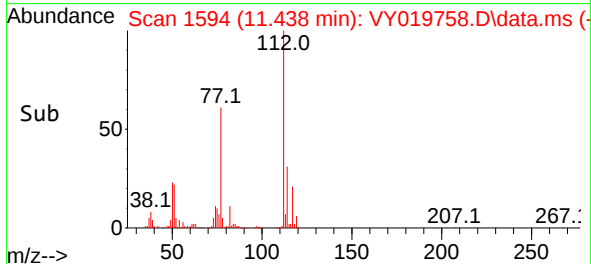
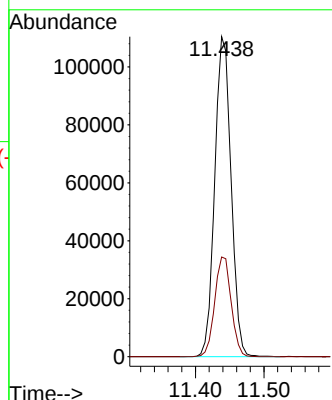
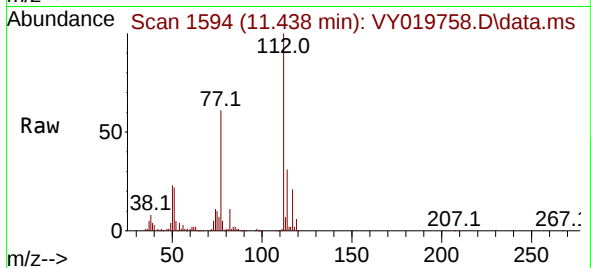
ClientSampleId :

Tgt Ion:112 Resp: 182793

Ion Ratio Lower Upper

112 100

114 31.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.032 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

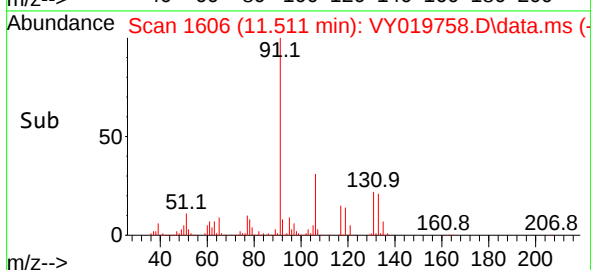
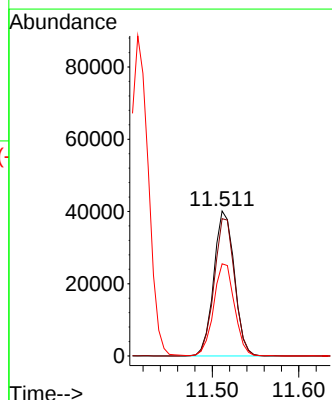
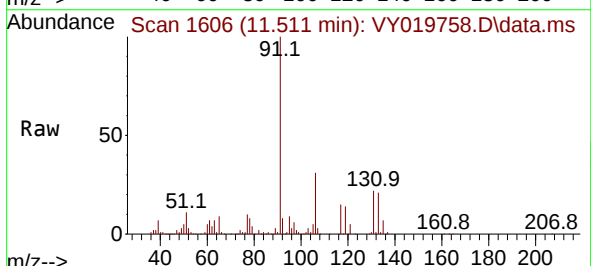
Tgt Ion:131 Resp: 66306

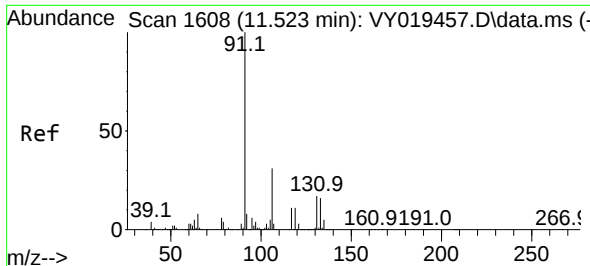
Ion Ratio Lower Upper

131 100

133 94.4 47.8 143.3

119 64.4 34.1 102.2





#67

Ethyl Benzene

Concen: 20.989 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

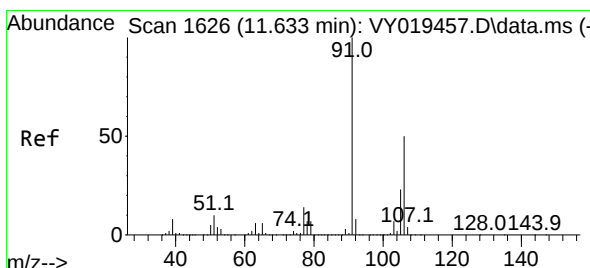
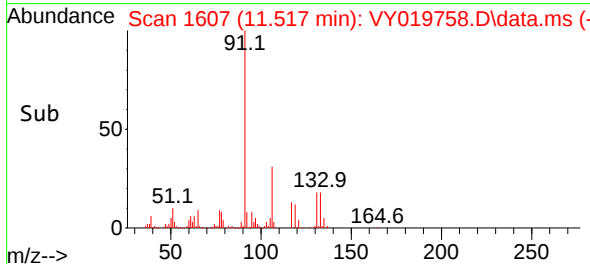
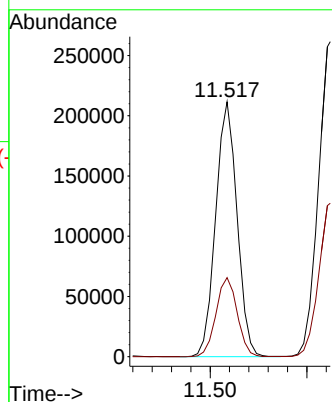
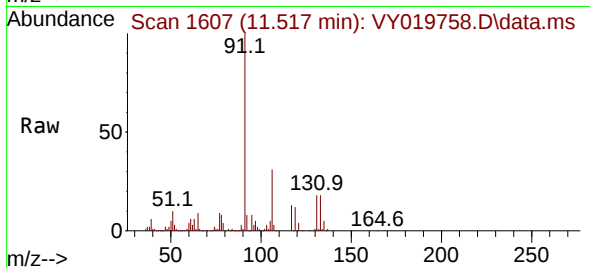
ClientSampleId :

Tgt Ion: 91 Resp: 324168

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 40.729 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019758.D

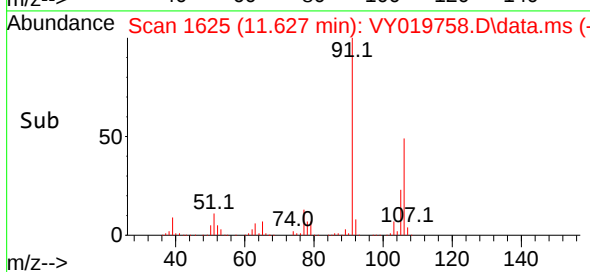
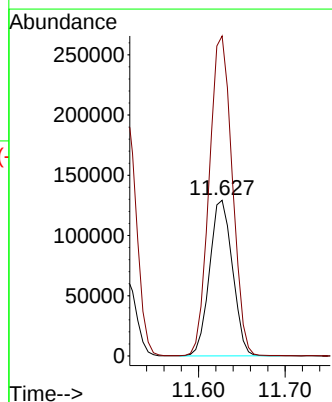
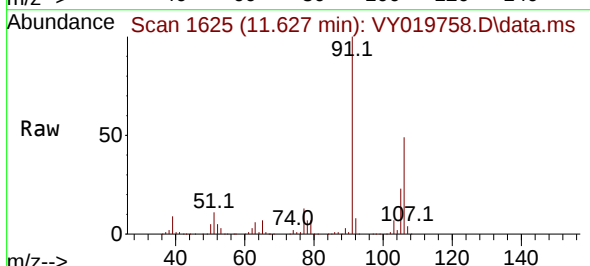
Acq: 02 Oct 2024 12:36

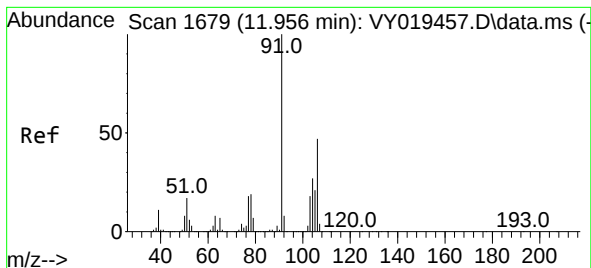
Tgt Ion:106 Resp: 237850

Ion Ratio Lower Upper

106 100

91 206.3 156.0 234.0





#69

o-Xylene

Concen: 20.786 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

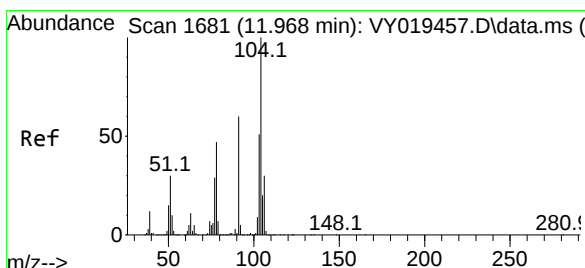
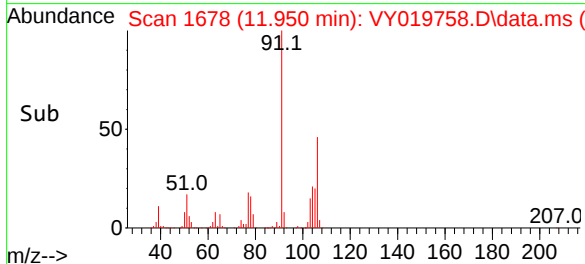
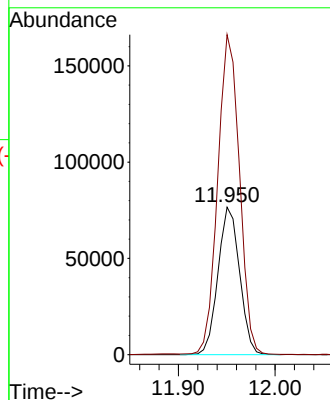
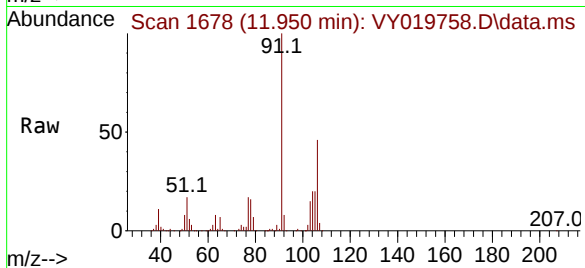
ClientSampleId :

Tgt Ion:106 Resp: 118711

Ion Ratio Lower Upper

106 100

91 219.2 103.6 310.8



#70

Styrene

Concen: 20.736 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

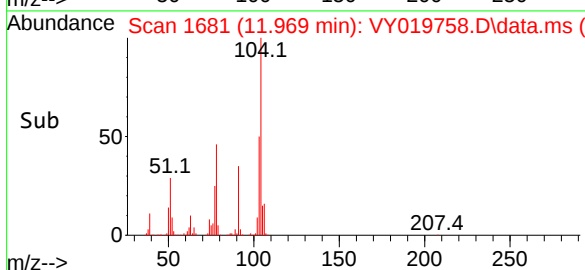
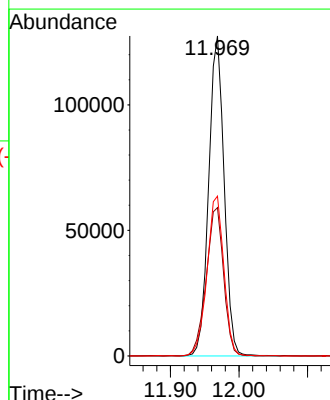
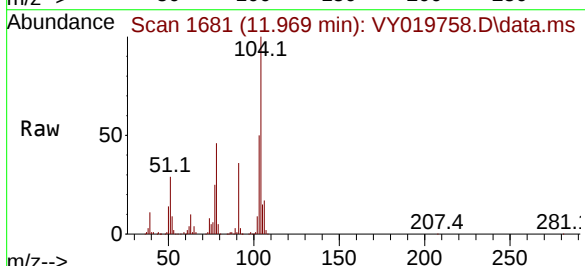
Tgt Ion:104 Resp: 199947

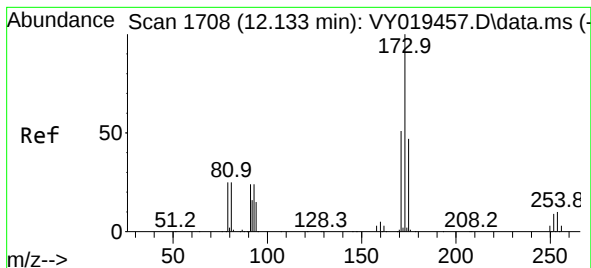
Ion Ratio Lower Upper

104 100

78 52.3 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 20.868 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019758.D

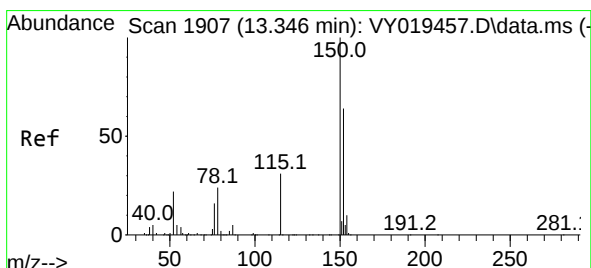
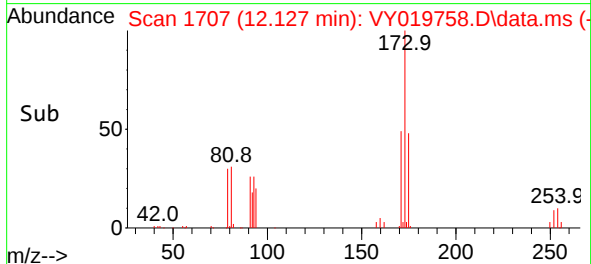
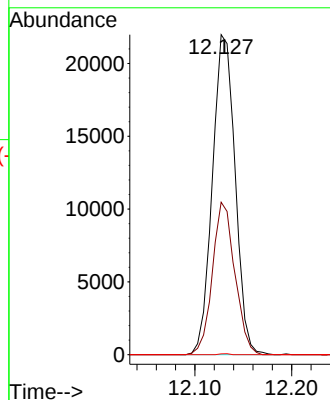
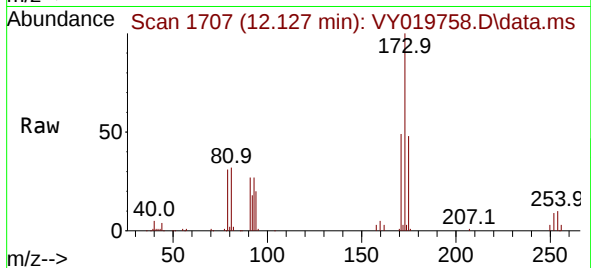
Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	35871
Ion Ratio	Lower	Upper	
173	100		
175	47.0	25.1	75.3
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

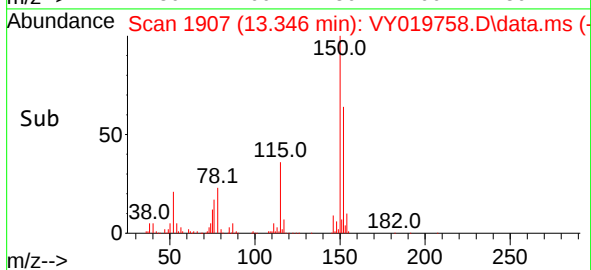
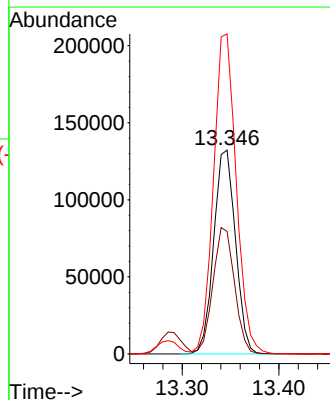
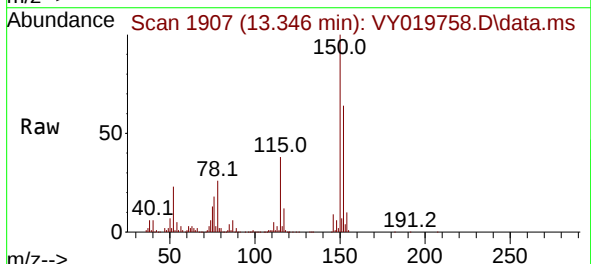
RT: 13.346 min Scan# 1907

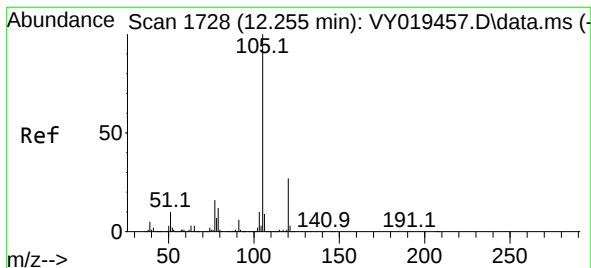
Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Tgt Ion:	152	Resp:	206775
Ion Ratio	Lower	Upper	
152	100		
115	61.8	28.2	84.7
150	163.9	0.0	345.6





#73

Isopropylbenzene

Concen: 21.660 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

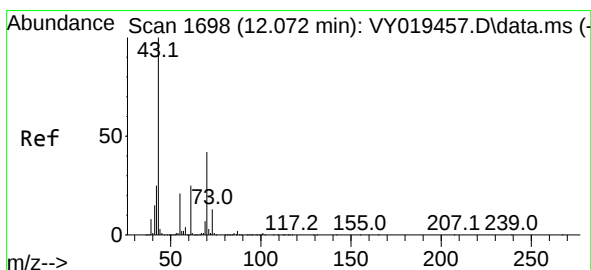
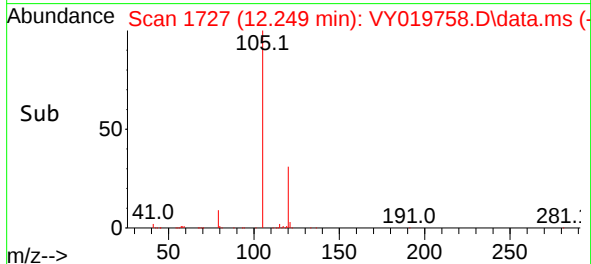
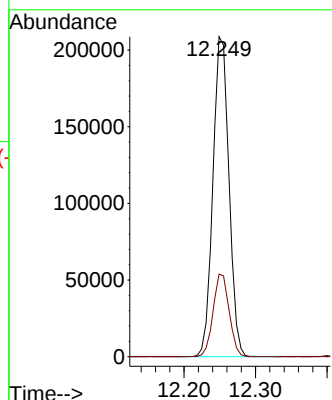
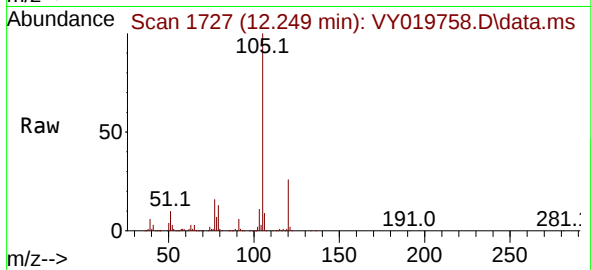
ClientSampleId :

Tgt Ion:105 Resp: 324913

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 20.459 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Tgt Ion: 43 Resp: 83469

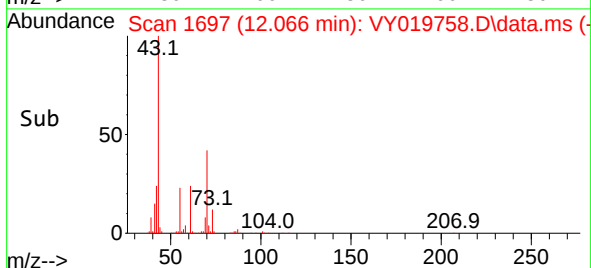
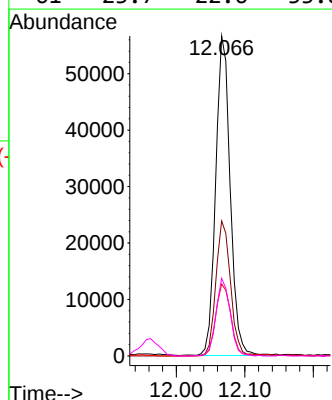
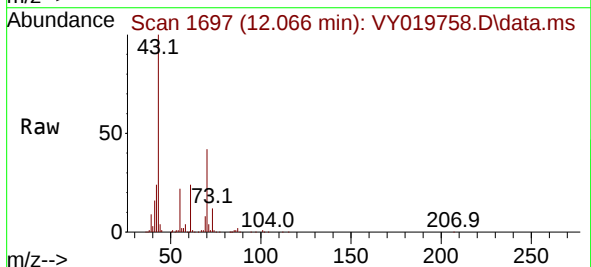
Ion Ratio Lower Upper

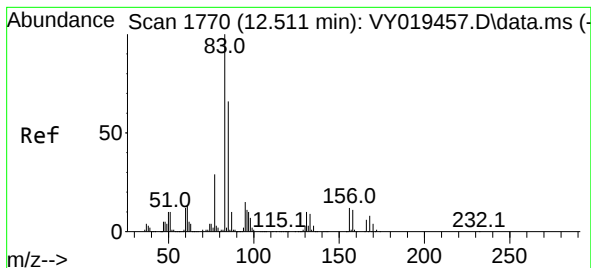
43 100

70 42.9 41.4 62.2

55 23.8 23.3 34.9

61 23.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.193 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

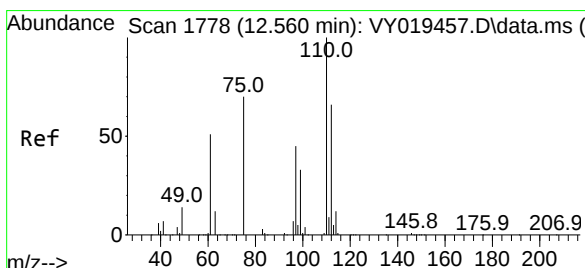
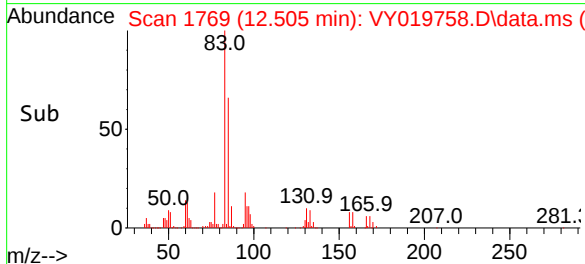
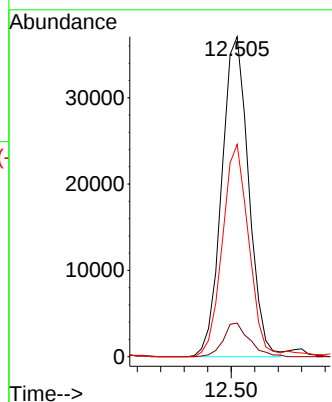
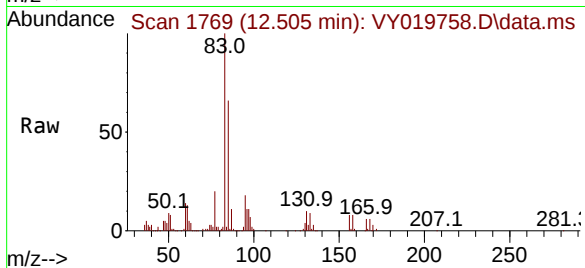
Tgt Ion: 83 Resp: 59090

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.733 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019758.D

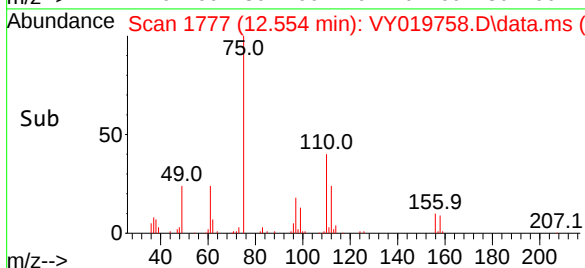
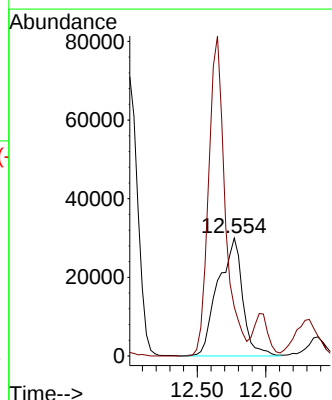
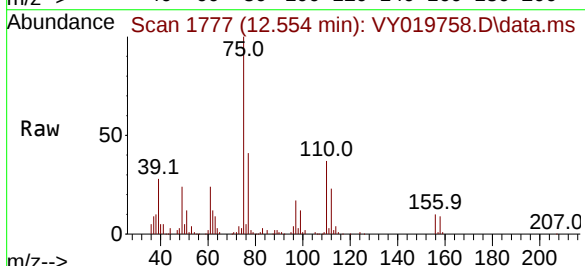
Acq: 02 Oct 2024 12:36

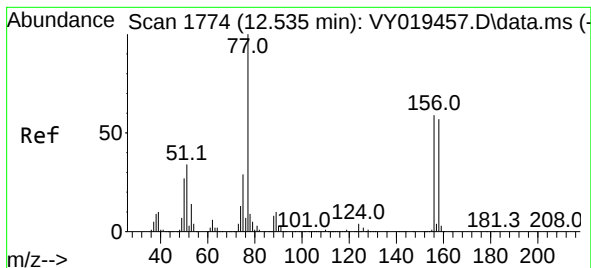
Tgt Ion: 75 Resp: 75068

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.729 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019758.D

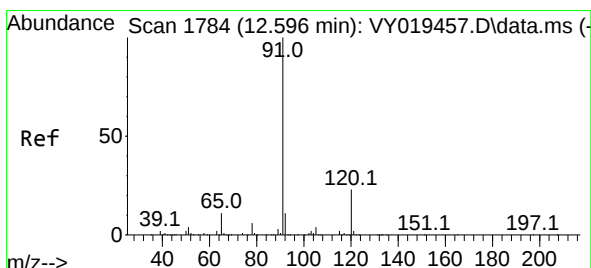
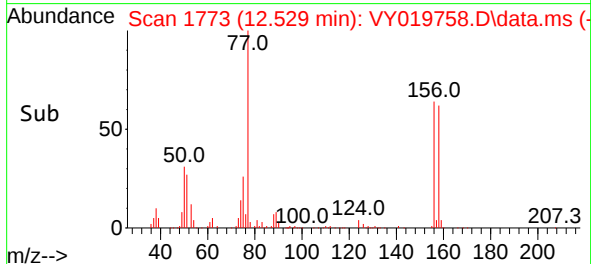
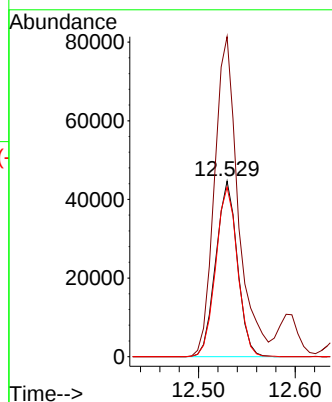
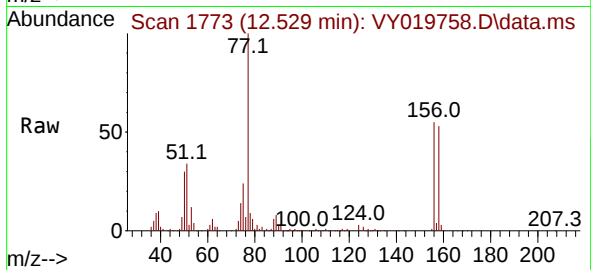
Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	68966
Ion Ratio	Lower	Upper	
156	100		
77	200.6	87.1	261.3
158	97.5	48.6	145.9



#78

n-propylbenzene

Concen: 21.703 ug/l

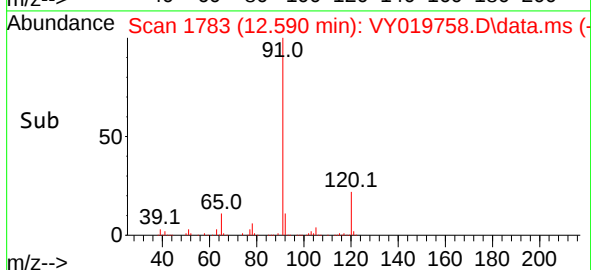
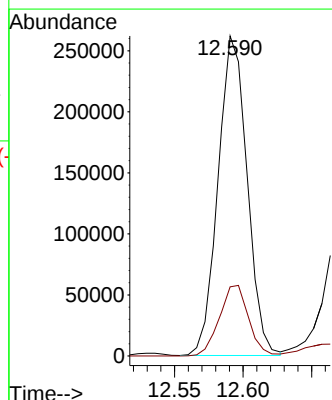
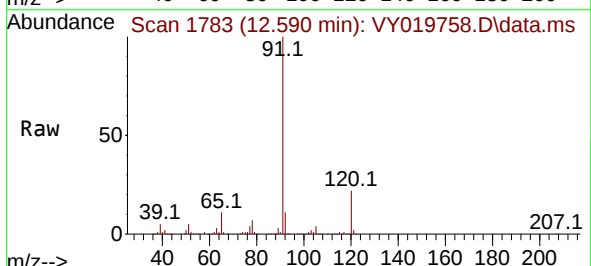
RT: 12.590 min Scan# 1783

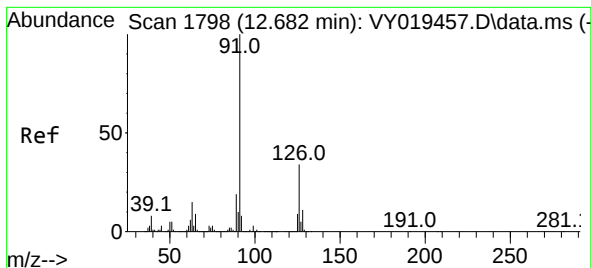
Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Tgt Ion:	91	Resp:	385886
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4

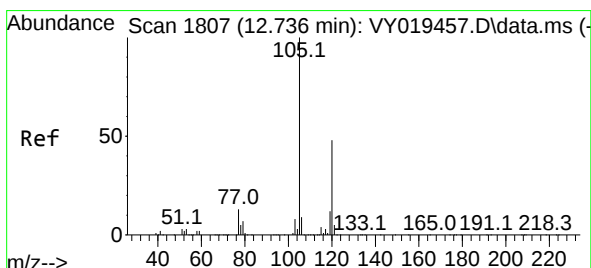
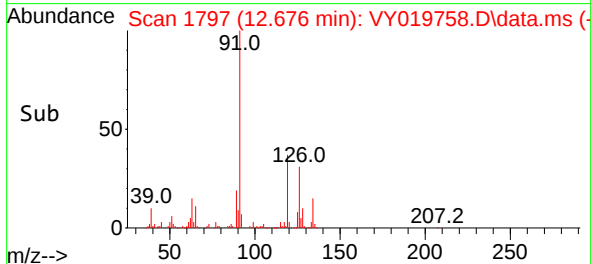
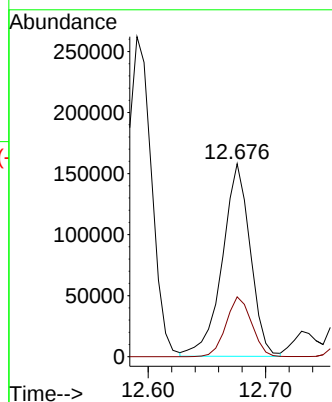
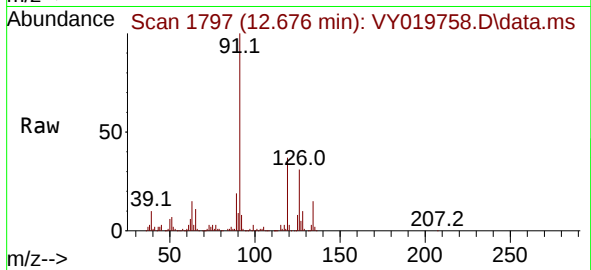




#79
2-Chlorotoluene
Concen: 25.212 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

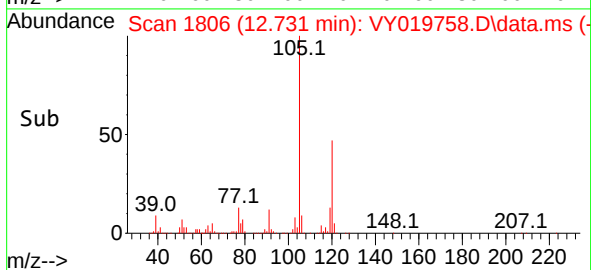
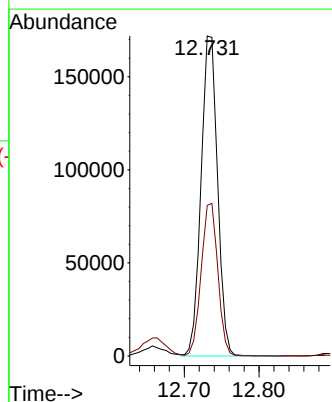
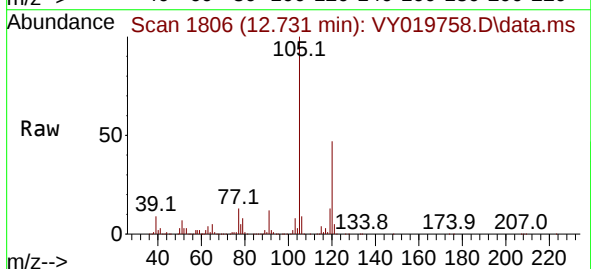
Instrument :
MSVOA_Y
ClientSampleId :

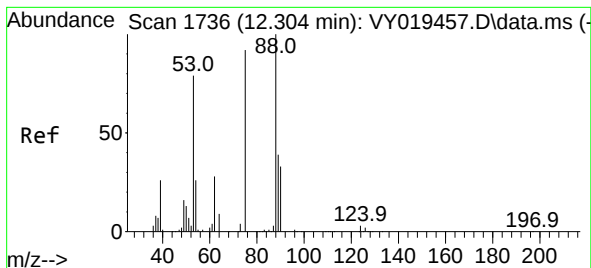
Tgt Ion: 91 Resp: 261242
Ion Ratio Lower Upper
91 100
126 28.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.612 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 105 Resp: 263560
Ion Ratio Lower Upper
105 100
120 48.0 25.1 75.2

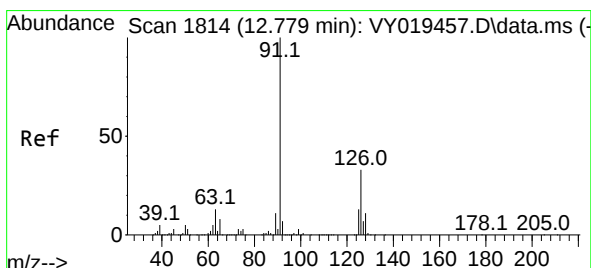
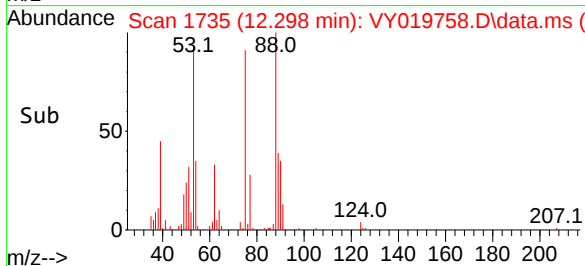
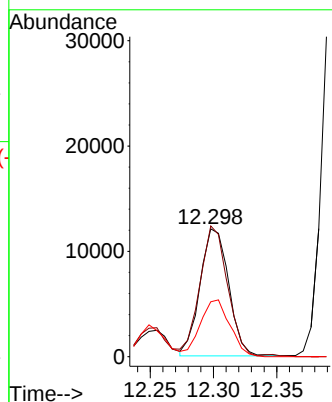
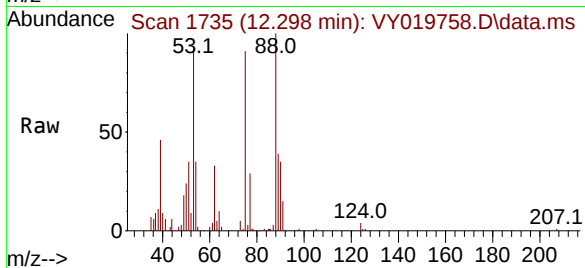




#81
trans-1,4-Dichloro-2-butene
Concen: 18.829 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

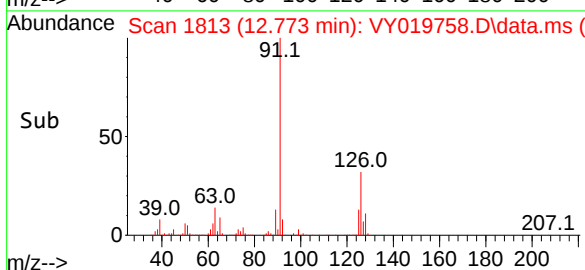
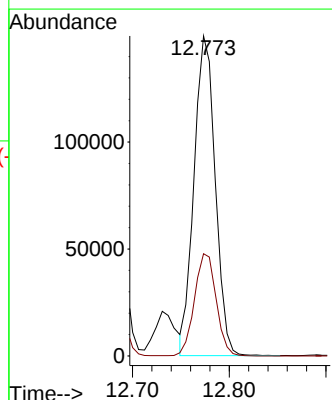
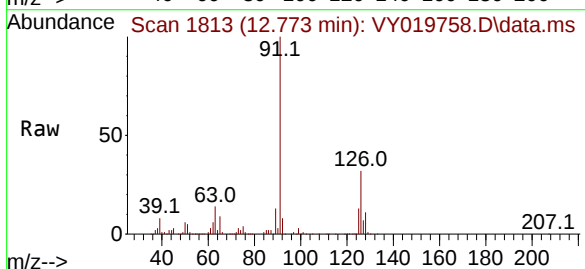
Instrument :
MSVOA_Y
ClientSampleId :

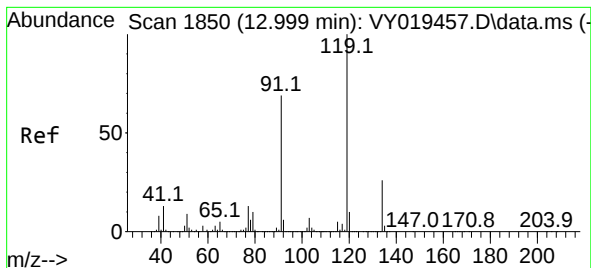
Tgt Ion: 75 Resp: 19009
Ion Ratio Lower Upper
75 100
53 100.6 66.8 100.2#
89 46.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.386 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019758.D
Acq: 02 Oct 2024 12:36

Tgt Ion: 91 Resp: 227814
Ion Ratio Lower Upper
91 100
126 32.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.753 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

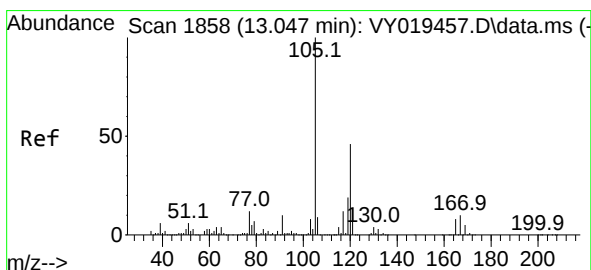
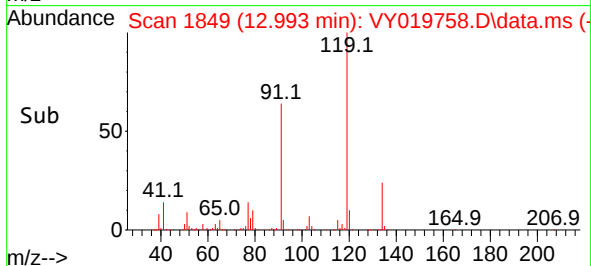
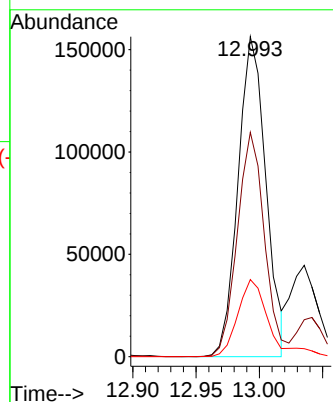
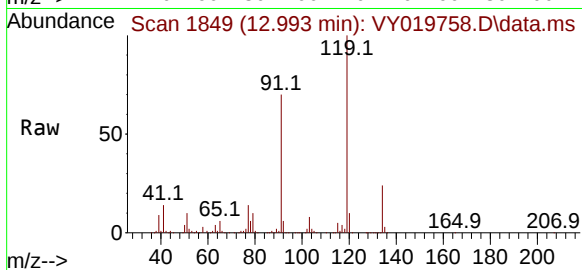
Tgt Ion:119 Resp: 240161

Ion Ratio Lower Upper

119 100

91 68.6 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.581 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019758.D

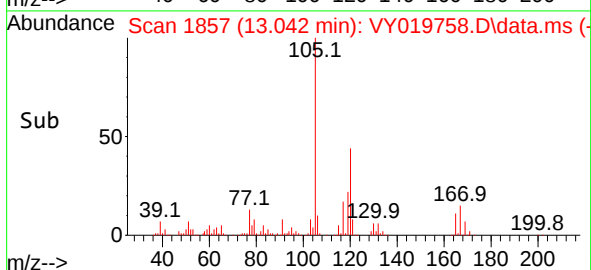
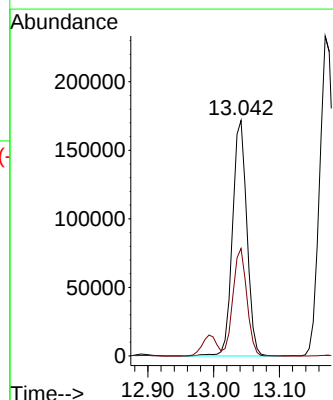
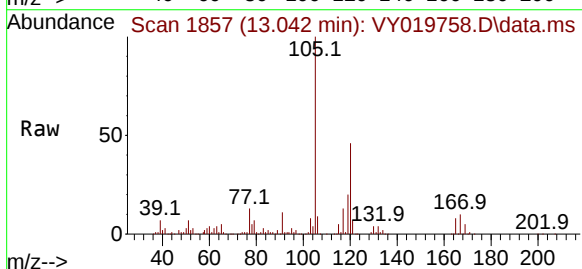
Acq: 02 Oct 2024 12:36

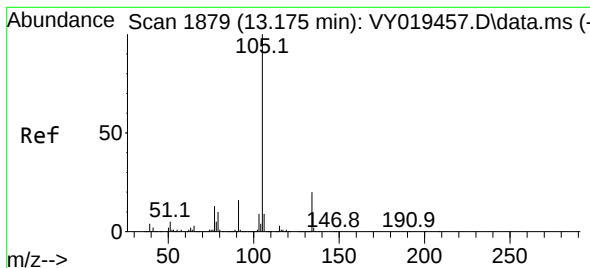
Tgt Ion:105 Resp: 260515

Ion Ratio Lower Upper

105 100

120 44.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.862 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

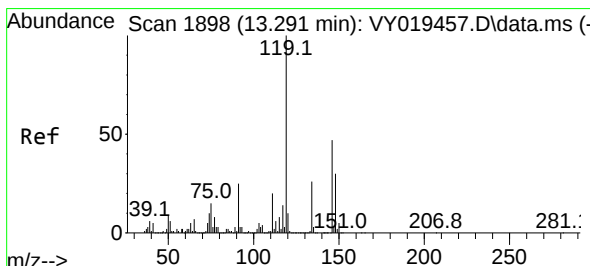
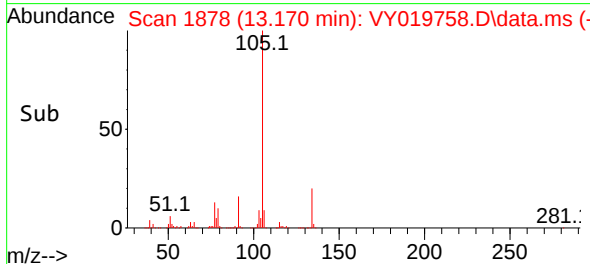
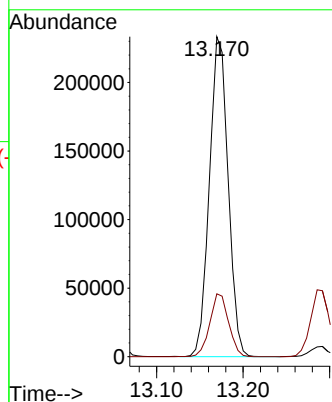
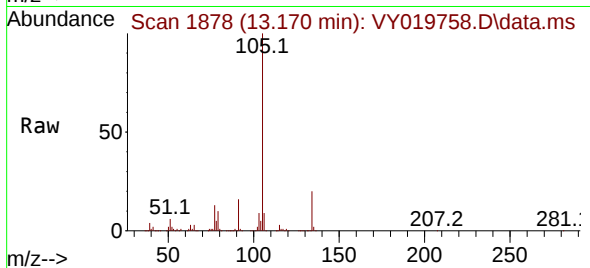
ClientSampleId :

Tgt Ion:105 Resp: 350637

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.914 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

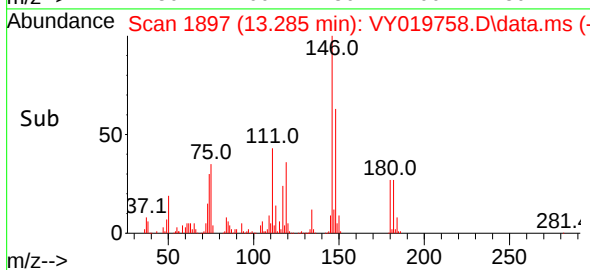
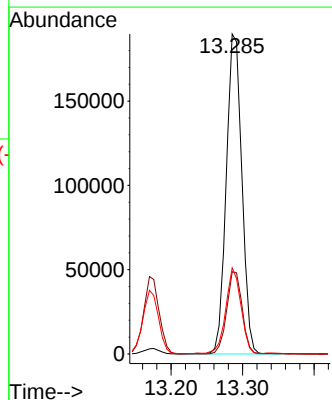
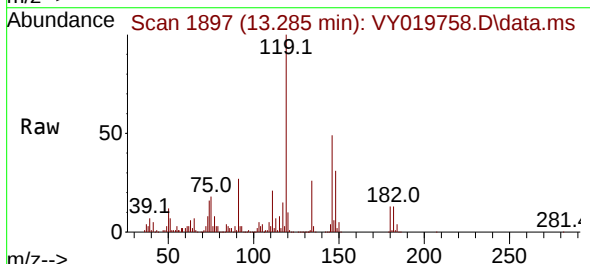
Tgt Ion:119 Resp: 287558

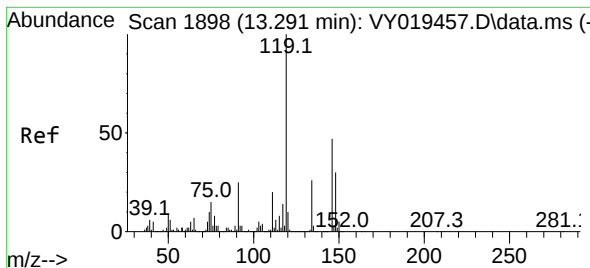
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 26.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.382 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

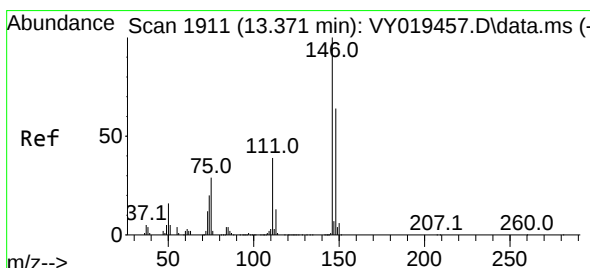
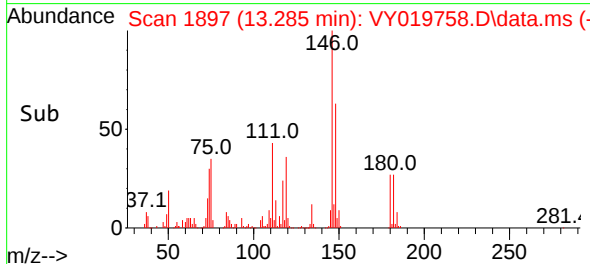
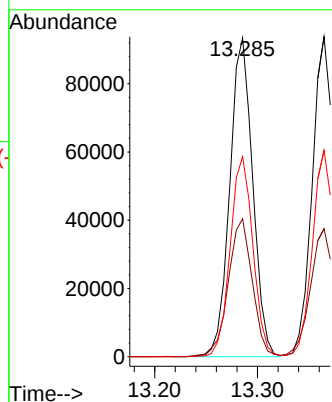
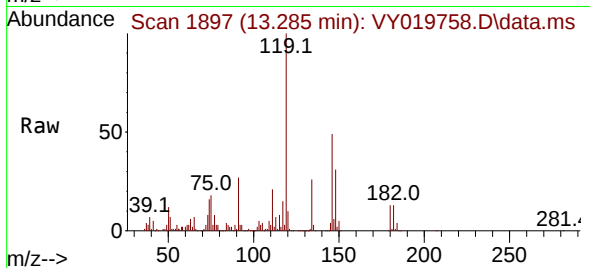
Tgt Ion:146 Resp: 144697

Ion Ratio Lower Upper

146 100

111 45.4 19.0 57.0

148 62.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.929 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

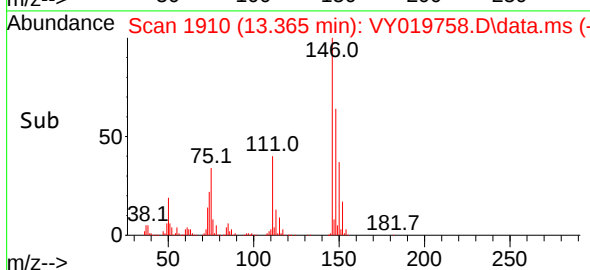
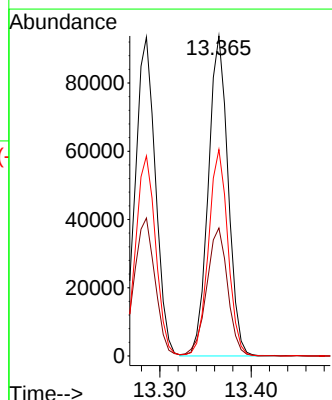
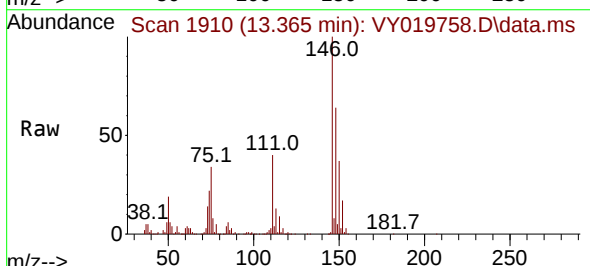
Tgt Ion:146 Resp: 140694

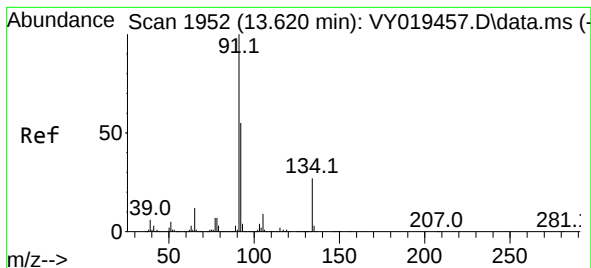
Ion Ratio Lower Upper

146 100

111 42.4 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 21.844 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

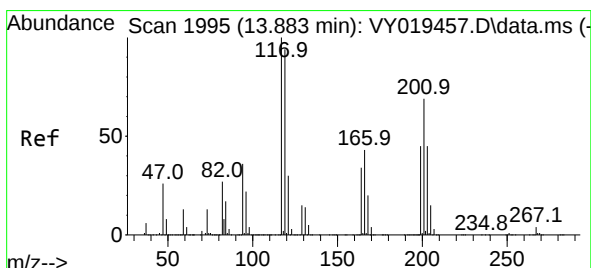
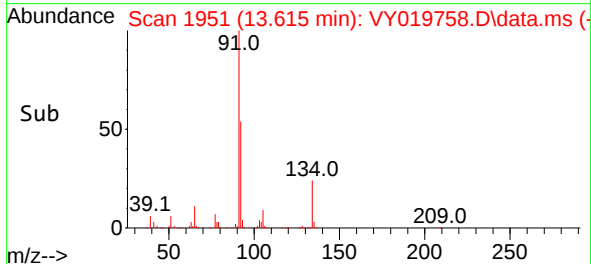
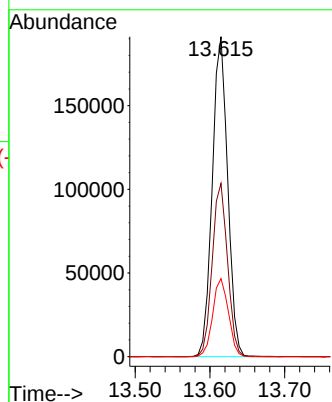
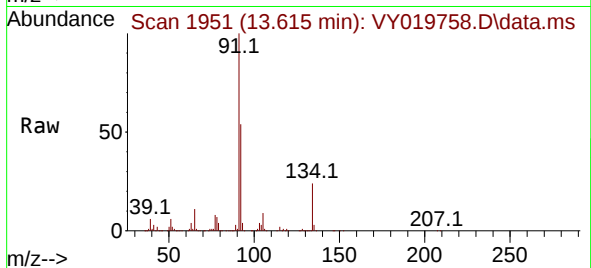
Tgt Ion: 91 Resp: 274018

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 24.8 12.9 38.7



#90

Hexachloroethane

Concen: 20.771 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019758.D

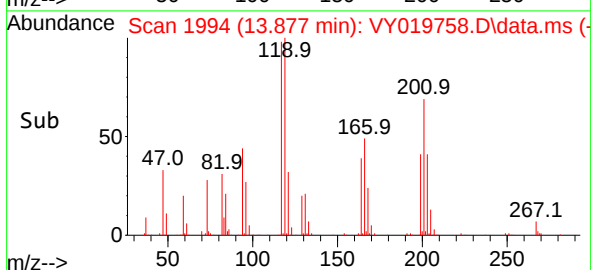
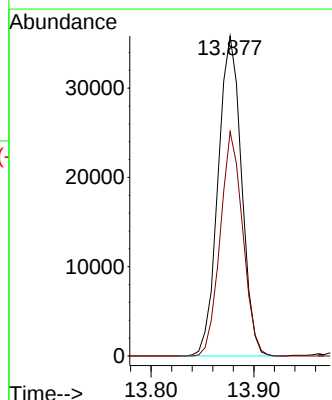
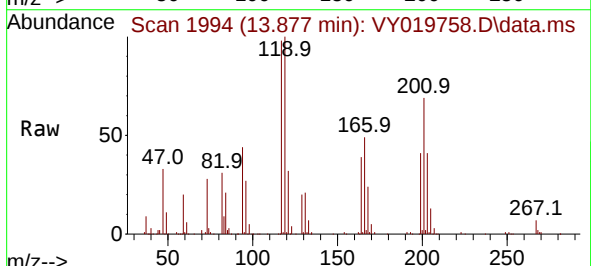
Acq: 02 Oct 2024 12:36

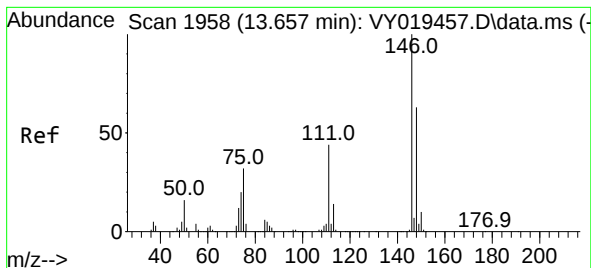
Tgt Ion: 117 Resp: 56712

Ion Ratio Lower Upper

117 100

201 67.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 22.214 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

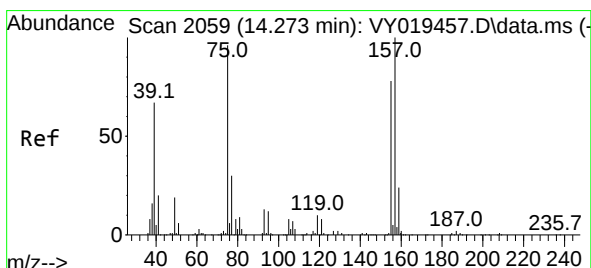
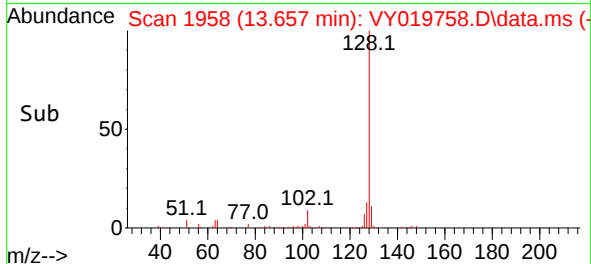
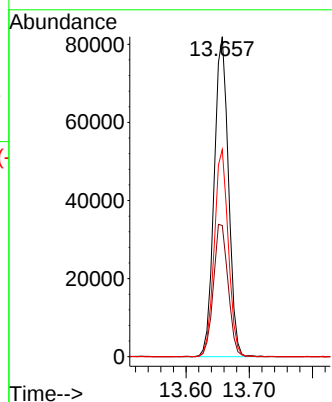
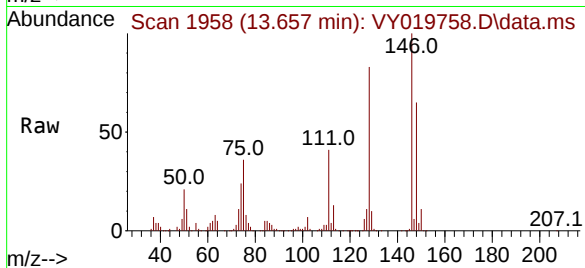
Tgt Ion:146 Resp: 128148

Ion Ratio Lower Upper

146 100

111 42.5 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.922 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

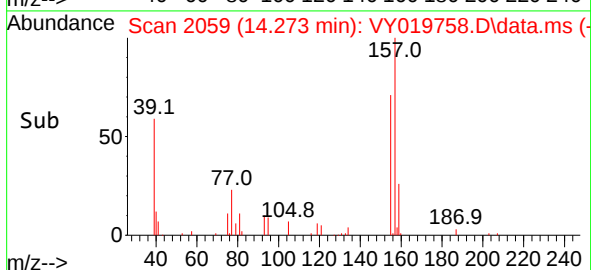
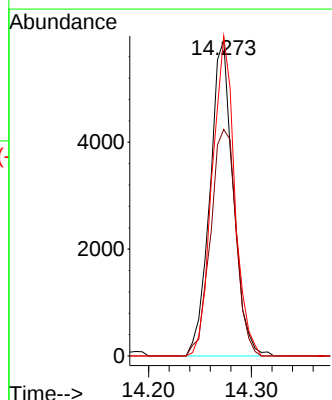
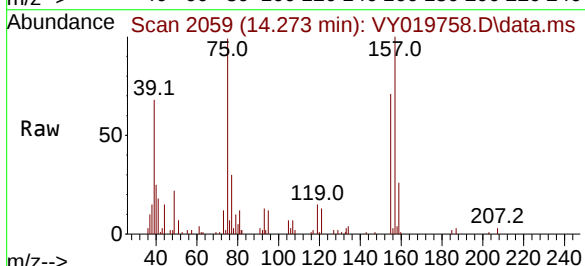
Tgt Ion: 75 Resp: 9284

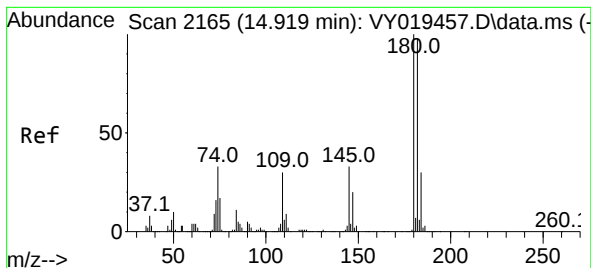
Ion Ratio Lower Upper

75 100

155 78.6 48.6 145.8

157 97.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.016 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

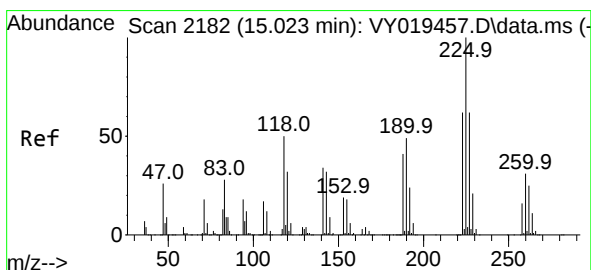
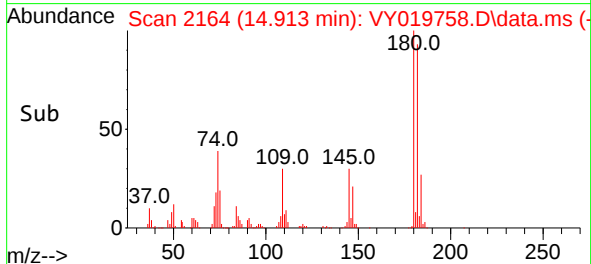
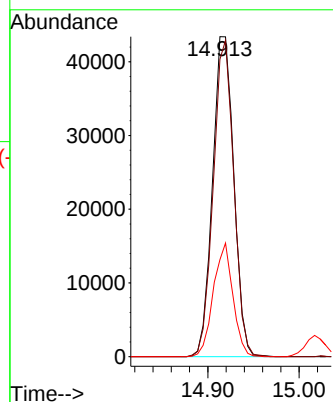
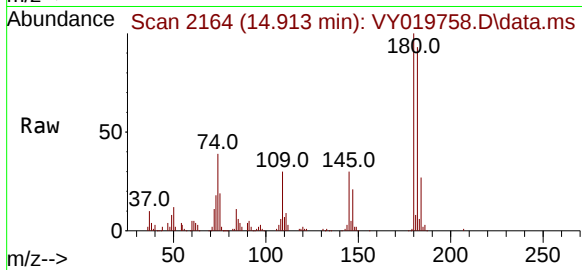
Tgt Ion:180 Resp: 70229

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 32.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.484 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

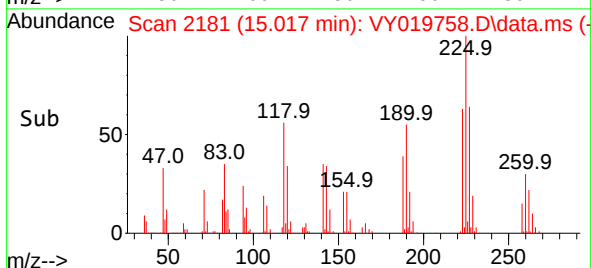
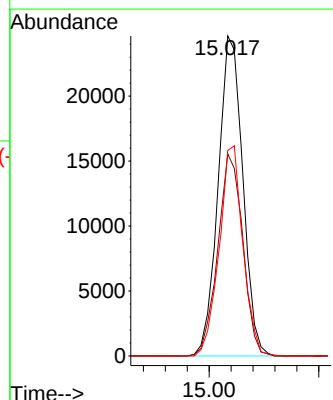
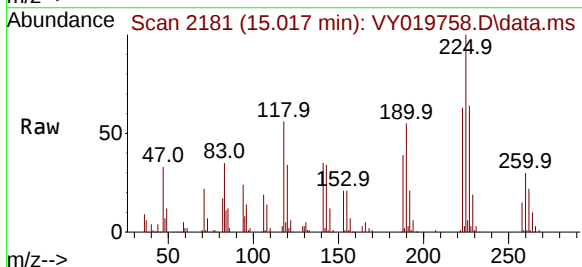
Tgt Ion:225 Resp: 38395

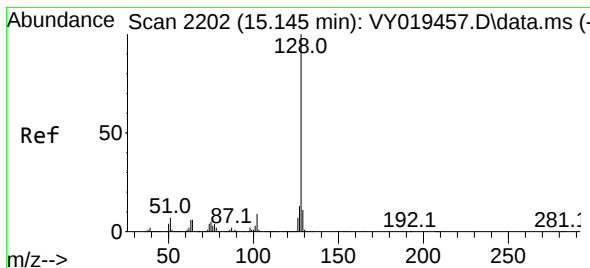
Ion Ratio Lower Upper

225 100

223 64.0 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 18.886 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

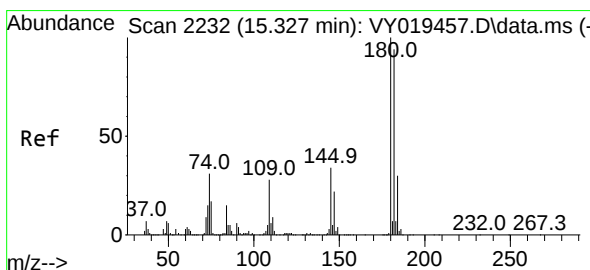
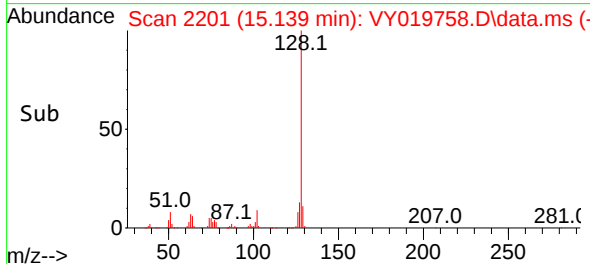
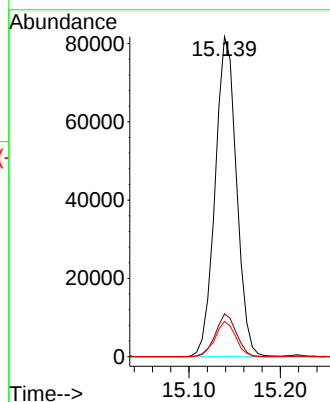
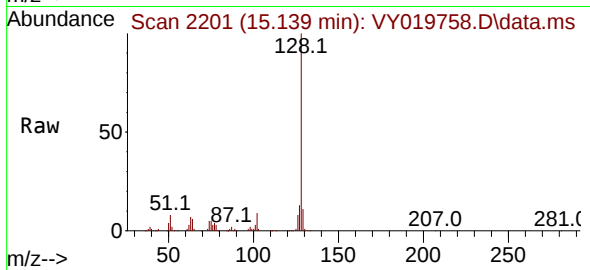
Tgt Ion:128 Resp: 132699

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.964 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019758.D

Acq: 02 Oct 2024 12:36

Tgt Ion:180 Resp: 59915

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 34.4 15.4 46.1

