

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019558.D
 Acq On : 16 Sep 2024 11:10
 Operator : SY/MD
 Sample : VY0916SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:11:44 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	436937	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	738937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	621842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	287388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215739	53.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.640%	
35) Dibromofluoromethane	7.634	113	222861	53.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.109	98	826545	53.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.408	95	289707	48.621	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	60961	23.343	ug/l	100
3) Chloromethane	2.074	50	75371	20.849	ug/l	99
4) Vinyl Chloride	2.208	62	86115	22.030	ug/l	99
5) Bromomethane	2.598	94	59159	24.638	ug/l	97
6) Chloroethane	2.739	64	58208	22.778	ug/l	99
7) Trichlorofluoromethane	3.062	101	142524	21.872	ug/l	95
8) Diethyl Ether	3.452	74	42313	19.345	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	86238	21.394	ug/l	96
10) Methyl Iodide	4.000	142	94341	18.255	ug/l	93
11) Tert butyl alcohol	4.860	59	28309	86.640	ug/l	# 73
12) 1,1-Dichloroethene	3.787	96	76955	19.851	ug/l	87
13) Acrolein	3.653	56	20147	120.669	ug/l	97
14) Allyl chloride	4.378	41	132641	19.080	ug/l	# 93
15) Acrylonitrile	5.055	53	87693	92.982	ug/l	96
16) Acetone	3.872	43	96935	100.567	ug/l	# 86
17) Carbon Disulfide	4.104	76	187870	17.937	ug/l	99
18) Methyl Acetate	4.385	43	42002	16.057	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	215428	19.621	ug/l	99
20) Methylene Chloride	4.616	84	92216	20.978	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	84245	19.827	ug/l	91
22) Diisopropyl ether	6.012	45	287474	20.137	ug/l	90
23) Vinyl Acetate	5.957	43	795555	97.564	ug/l	94
24) 1,1-Dichloroethane	5.909	63	166058	20.729	ug/l	96
25) 2-Butanone	6.884	43	128187	93.506	ug/l	# 86
26) 2,2-Dichloropropane	6.884	77	153849	21.291	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	105516	20.443	ug/l	89
28) Bromochloromethane	7.238	49	65256	19.361	ug/l	86
29) Tetrahydrofuran	7.262	42	74089	88.887	ug/l	88
30) Chloroform	7.421	83	174055	21.284	ug/l	99
31) Cyclohexane	7.701	56	138768	19.164	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	157865	21.537	ug/l	98
36) 1,1-Dichloropropene	7.835	75	116125	20.370	ug/l	97
37) Ethyl Acetate	6.982	43	52754	18.060	ug/l	# 95
38) Carbon Tetrachloride	7.817	117	134001	20.844	ug/l	97
39) Methylcyclohexane	9.109	83	145333	19.156	ug/l	# 91
40) Benzene	8.079	78	359516	20.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	33792	19.846	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	98961	20.945	ug/l	96
43) Isopropyl Acetate	8.195	43	113657	18.521	ug/l #	81
44) Trichloroethene	8.865	130	92267	20.432	ug/l	95
45) 1,2-Dichloropropane	9.140	63	87152	20.302	ug/l	99
46) Dibromomethane	9.231	93	47815	20.369	ug/l	94
47) Bromodichloromethane	9.420	83	131369	20.818	ug/l	97
48) Methyl methacrylate	9.219	41	50684	17.489	ug/l	86
49) 1,4-Dioxane	9.237	88	9932	359.398	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	276958	89.707	ug/l	93
52) Toluene	10.170	92	232613	20.598	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	119129	19.804	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	139575	19.927	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	64624	19.935	ug/l	97
56) Ethyl methacrylate	10.438	69	92800	18.845	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	112243	20.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	210928	92.286	ug/l	97
59) 2-Hexanone	10.761	43	205734	90.894	ug/l	89
60) Dibromochloromethane	10.914	129	86979	20.283	ug/l	98
61) 1,2-Dibromoethane	11.018	107	59504	19.700	ug/l	98
64) Tetrachloroethene	10.646	164	79285	20.589	ug/l	94
65) Chlorobenzene	11.444	112	254557	20.811	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	88827	20.974	ug/l	98
67) Ethyl Benzene	11.517	91	459771	21.154	ug/l	100
68) m/p-Xylenes	11.627	106	344551	41.925	ug/l	95
69) o-Xylene	11.956	106	165296	20.566	ug/l	94
70) Styrene	11.969	104	279258	20.580	ug/l	97
71) Bromoform	12.133	173	47006	19.432	ug/l #	97
73) Isopropylbenzene	12.255	105	452259	21.692	ug/l	99
74) N-amyl acetate	12.072	43	104136	18.365	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	72881	19.694	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	95413	35.421	ug/l #	100
77) Bromobenzene	12.536	156	95641	20.683	ug/l	91
78) n-propylbenzene	12.597	91	536923	21.727	ug/l	99
79) 2-Chlorotoluene	12.682	91	303436	21.070	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	363808	21.464	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	25862	18.431	ug/l	94
82) 4-Chlorotoluene	12.779	91	318152	21.488	ug/l	97
83) tert-Butylbenzene	12.999	119	337325	21.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	360967	21.515	ug/l	97
85) sec-Butylbenzene	13.176	105	491115	22.032	ug/l	99
86) p-Isopropyltoluene	13.291	119	402441	22.066	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	191844	21.351	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	191207	21.443	ug/l	96
89) n-Butylbenzene	13.621	91	383201	21.979	ug/l	99
90) Hexachloroethane	13.883	117	80954	21.333	ug/l	91
91) 1,2-Dichlorobenzene	13.663	146	169147	21.096	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11146	18.072	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	96739	19.837	ug/l	97
94) Hexachlorobutadiene	15.023	225	53678	20.604	ug/l	98
95) Naphthalene	15.145	128	176524	18.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	80125	19.209	ug/l	98

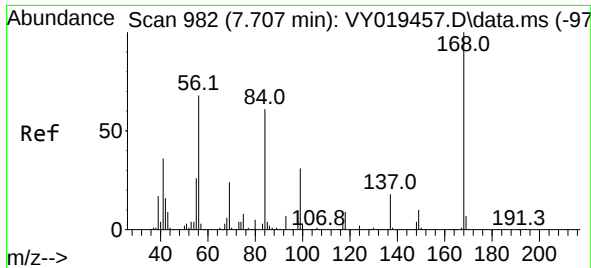
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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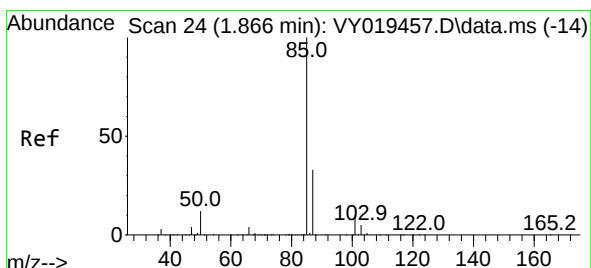
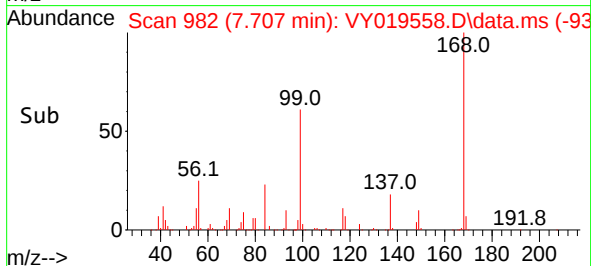
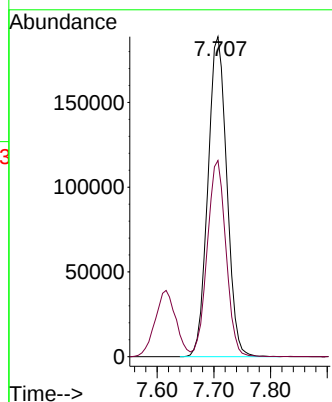
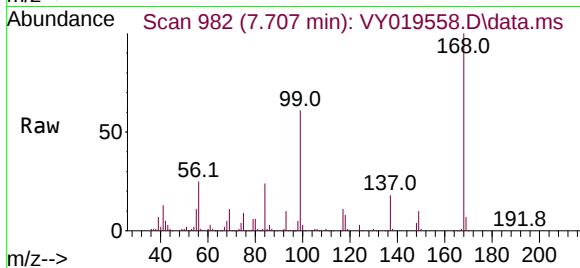
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

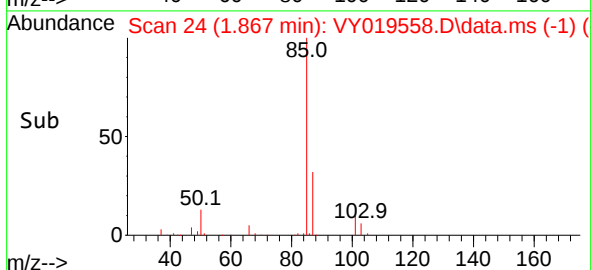
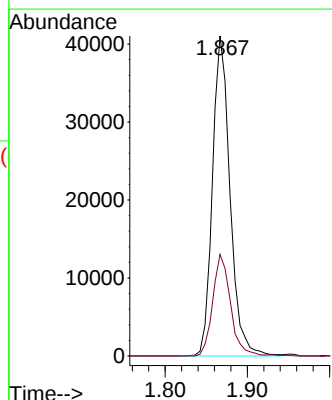
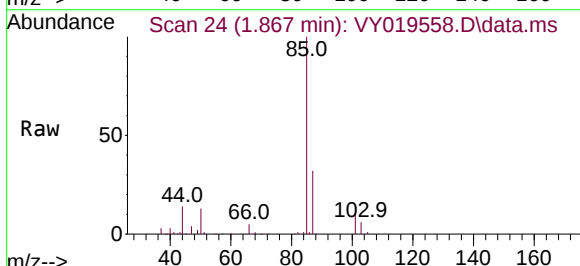
Instrument :
MSVOA_Y
ClientSampleId :

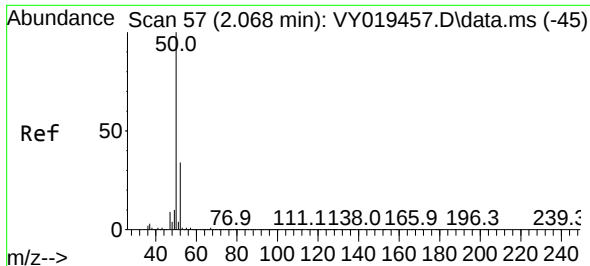
Tgt Ion:168 Resp: 436937
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 23.343 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 85 Resp: 60961
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0

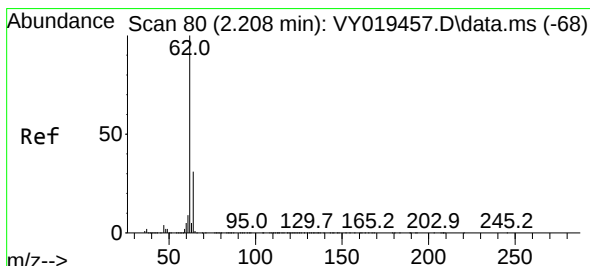
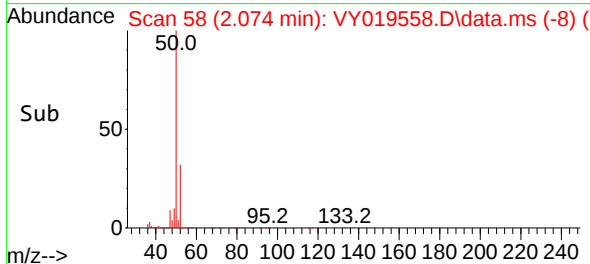
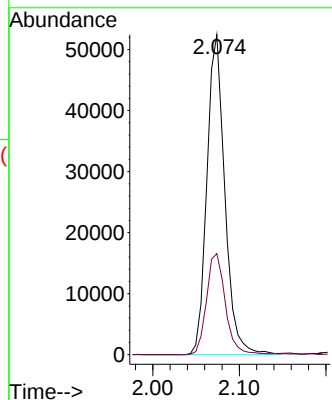
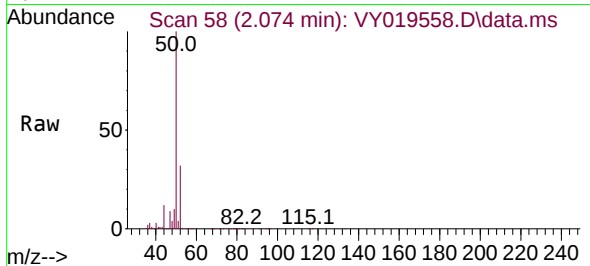




#3
Chloromethane
Concen: 20.849 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

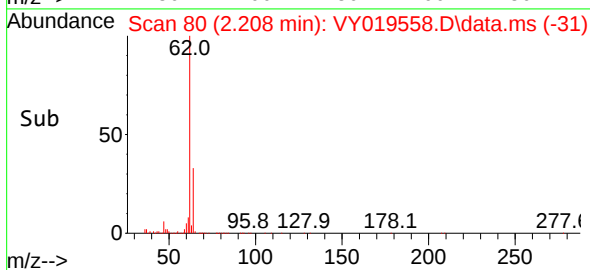
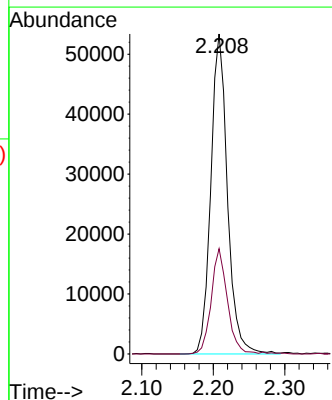
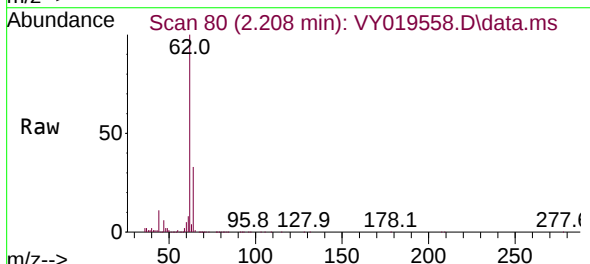
Instrument :
MSVOA_Y
ClientSampleId :

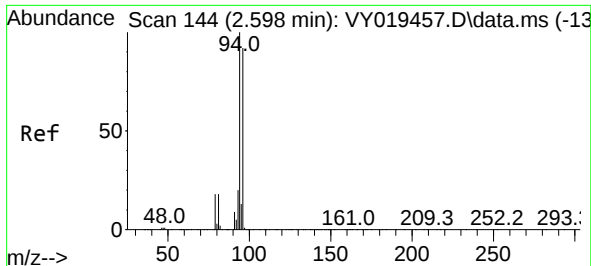
Tgt Ion: 50 Resp: 75371
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 22.030 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 62 Resp: 86115
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

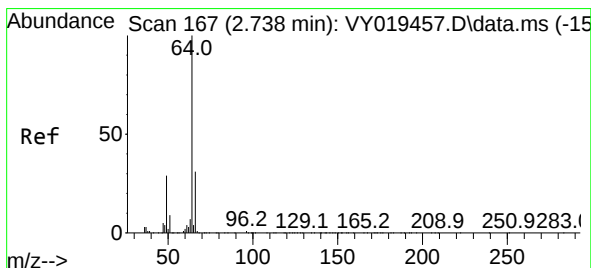
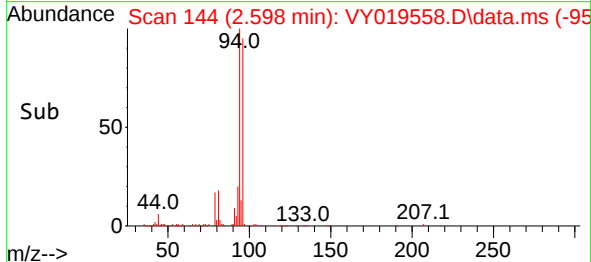
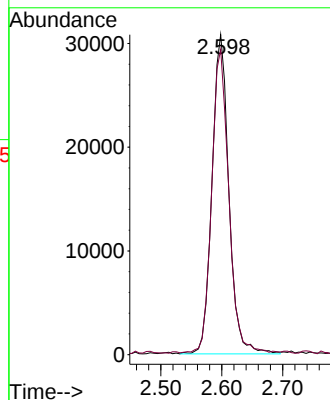
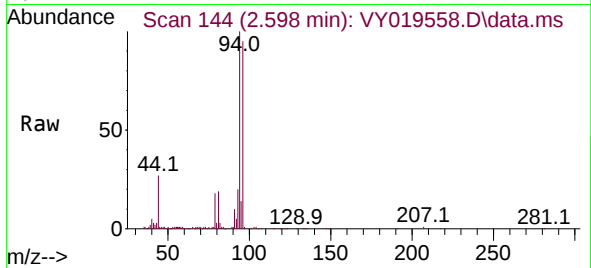




#5
Bromomethane
Concen: 24.638 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

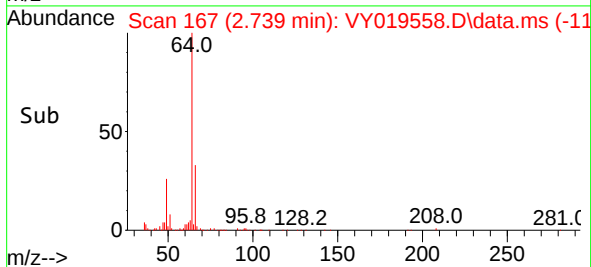
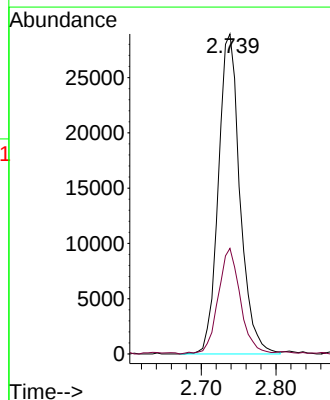
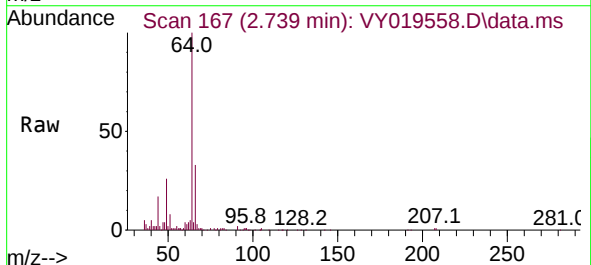
Instrument :
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ClientSampleId :

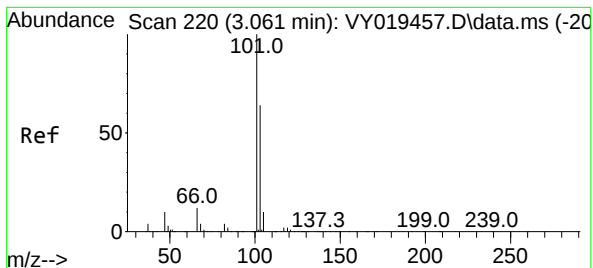
Tgt Ion: 94 Resp: 59159
Ion Ratio Lower Upper
94 100
96 95.0 74.1 111.1



#6
Chloroethane
Concen: 22.778 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 64 Resp: 58208
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1





#7

Trichlorofluoromethane

Concen: 21.872 ug/l

RT: 3.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

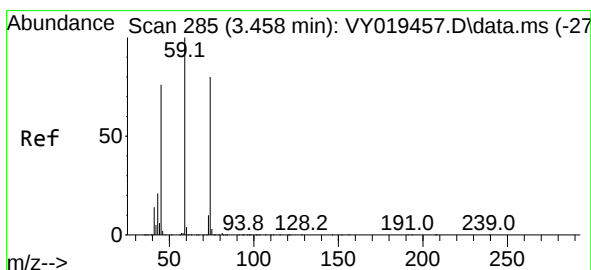
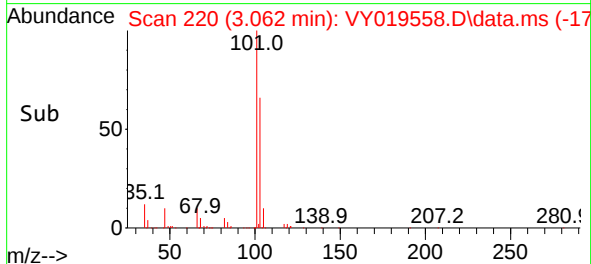
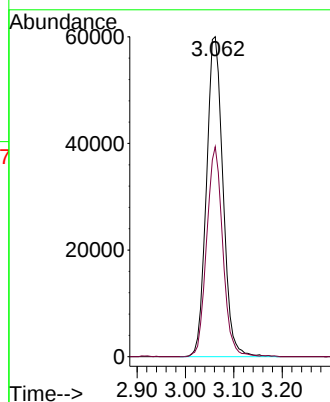
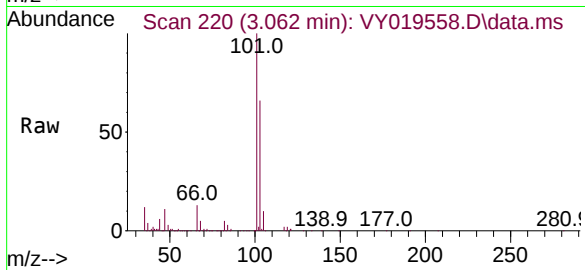
ClientSampleId :

Tgt Ion:101 Resp: 142524

Ion Ratio Lower Upper

101 100

103 65.6 49.3 73.9



#8

Diethyl Ether

Concen: 19.345 ug/l

RT: 3.452 min Scan# 284

Delta R.T. -0.006 min

Lab File: VY019558.D

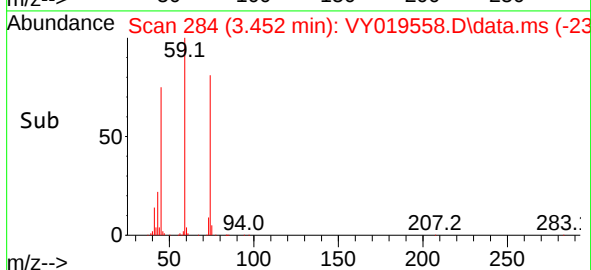
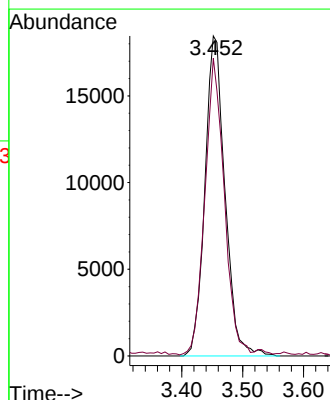
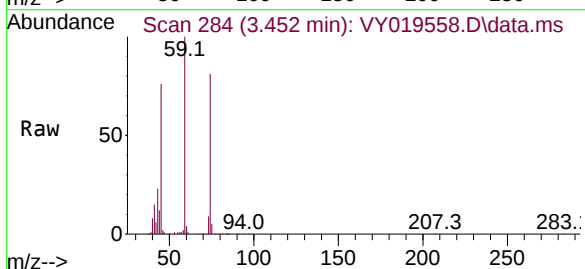
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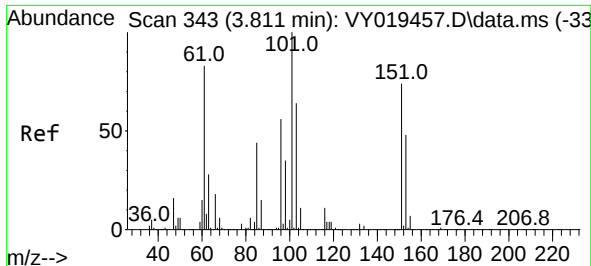
Tgt Ion: 74 Resp: 42313

Ion Ratio Lower Upper

74 100

45 89.2 41.3 124.1

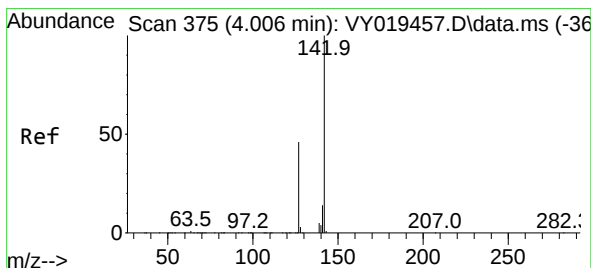
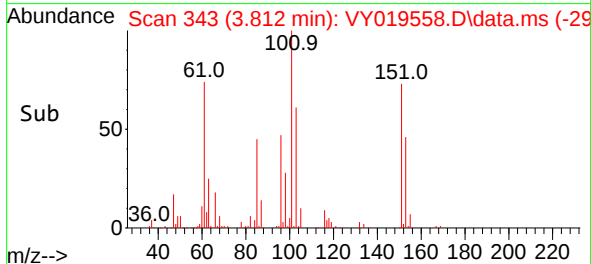
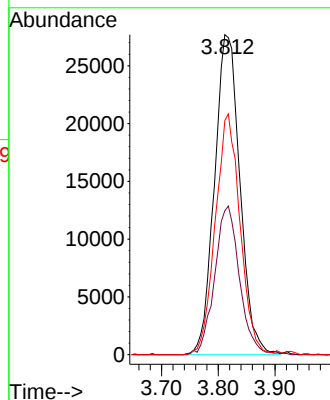
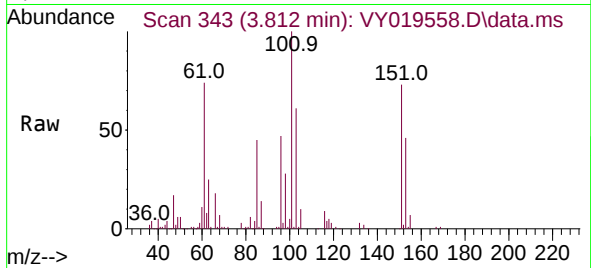




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.394 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019558.D
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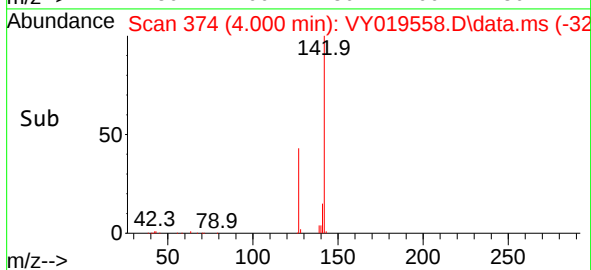
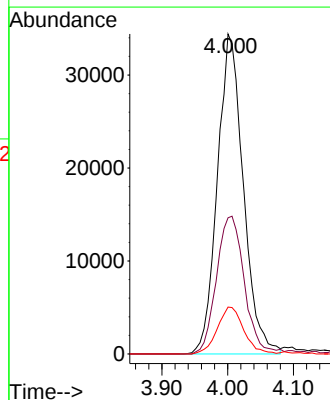
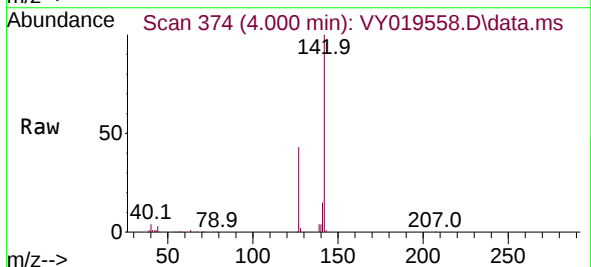
Instrument :
MSVOA_Y
ClientSampleId :

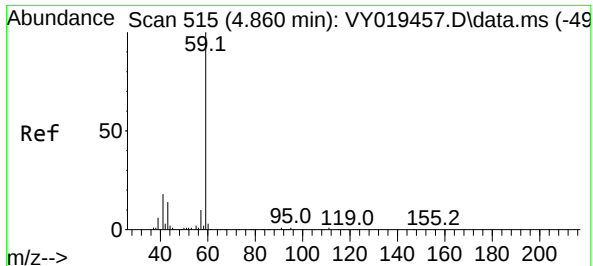
Tgt Ion:101 Resp: 86238
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 73.1 61.7 92.5



#10
Methyl Iodide
Concen: 18.255 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion:142 Resp: 94341
Ion Ratio Lower Upper
142 100
127 46.9 32.8 49.2
141 14.9 11.4 17.2

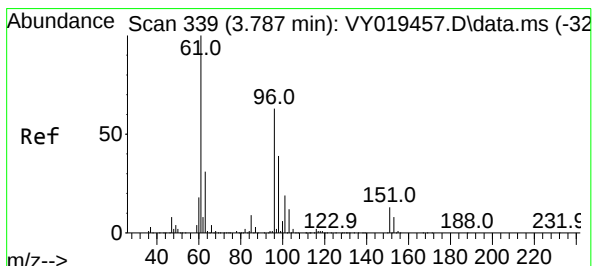
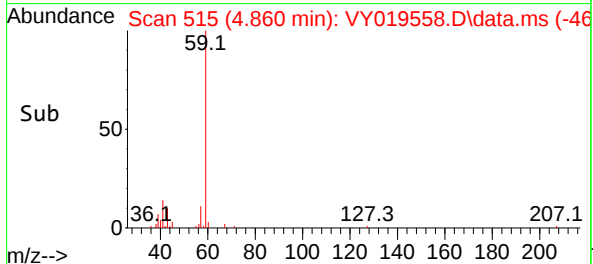
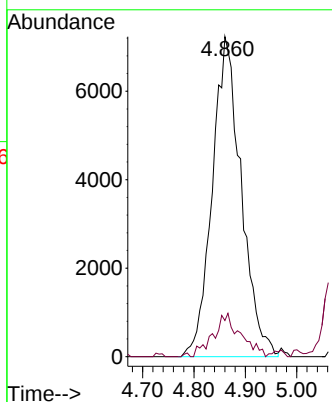
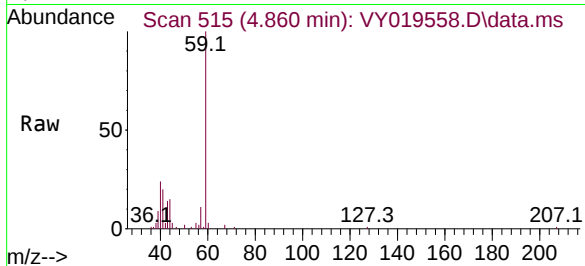




#11
Tert butyl alcohol
Concen: 86.640 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

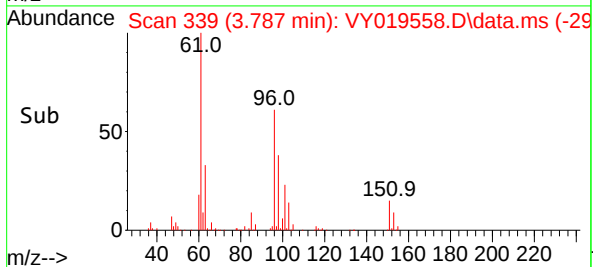
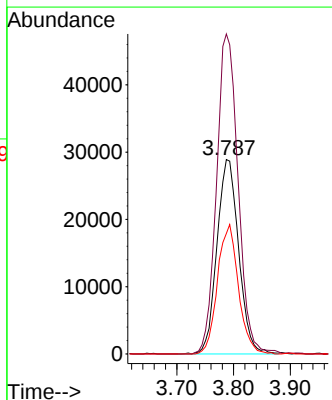
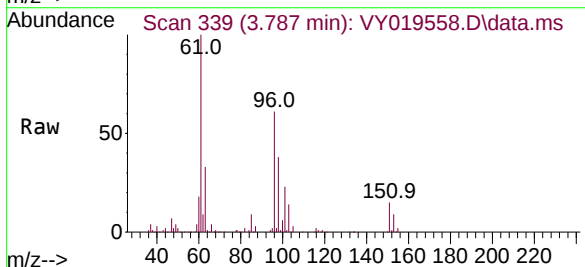
Instrument :
MSVOA_Y
ClientSampleId :

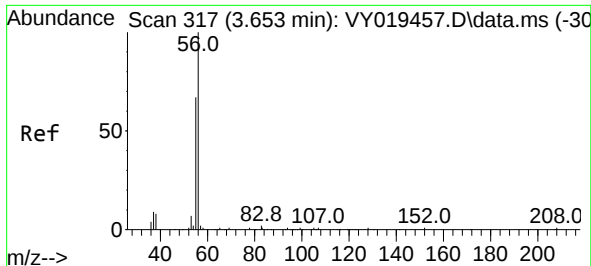
Tgt Ion: 59 Resp: 28309
Ion Ratio Lower Upper
59 100
57 12.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.851 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 96 Resp: 76955
Ion Ratio Lower Upper
96 100
61 164.6 114.6 171.8
98 62.0 50.8 76.2





#13

Acrolein

Concen: 120.669 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

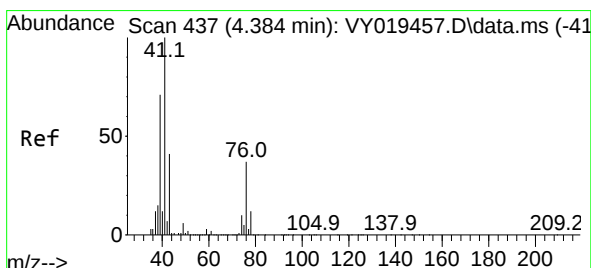
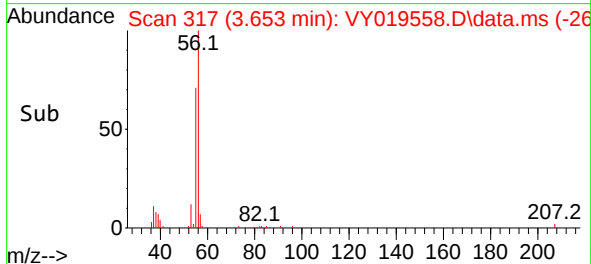
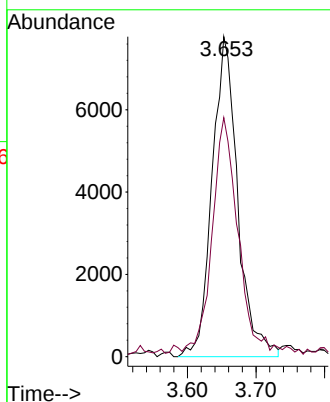
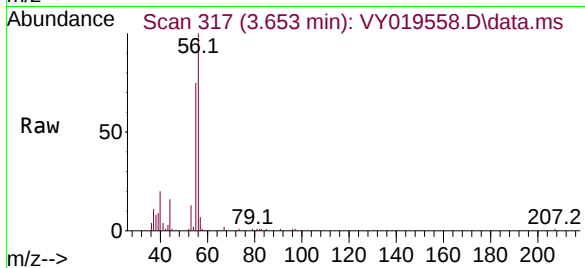
ClientSampleId :

Tgt Ion: 56 Resp: 20147

Ion Ratio Lower Upper

56 100

55 71.7 55.7 83.5



#14

Allyl chloride

Concen: 19.080 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

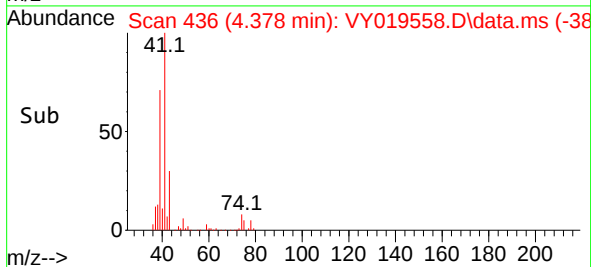
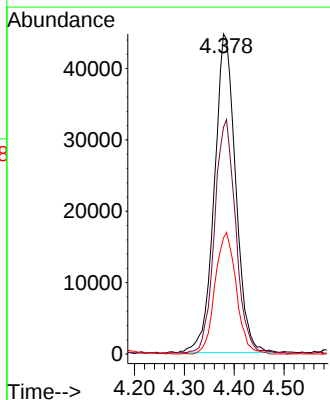
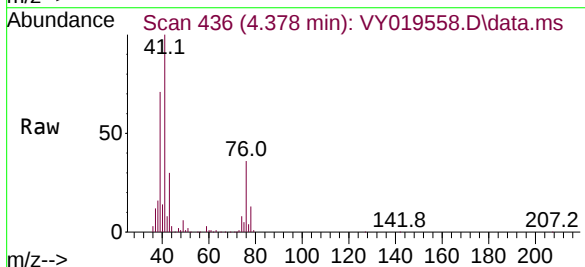
Tgt Ion: 41 Resp: 132641

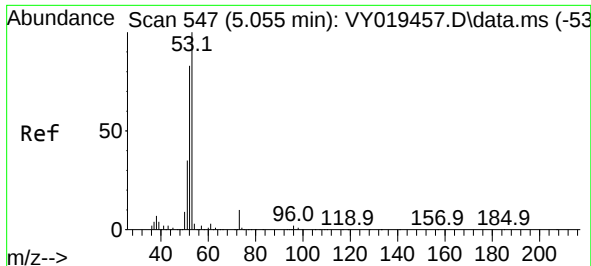
Ion Ratio Lower Upper

41 100

39 73.9 58.3 87.5

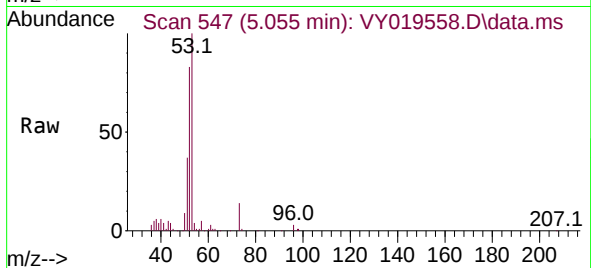
76 38.0 39.0 58.6#



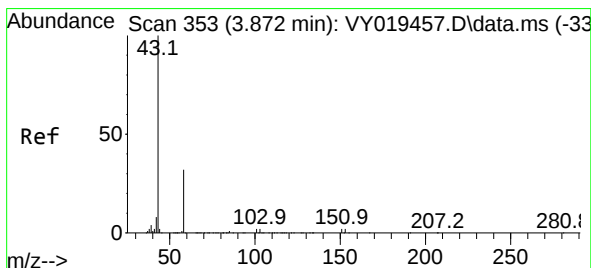
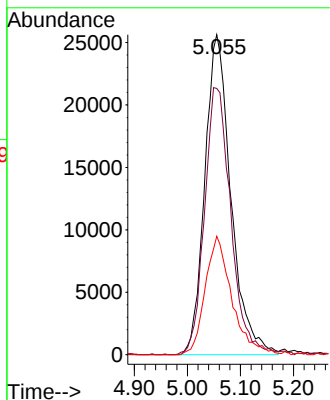
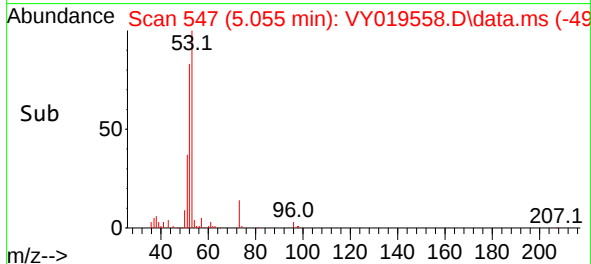


#15
Acrylonitrile
Concen: 92.982 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Instrument :
MSVOA_Y
ClientSampleId :

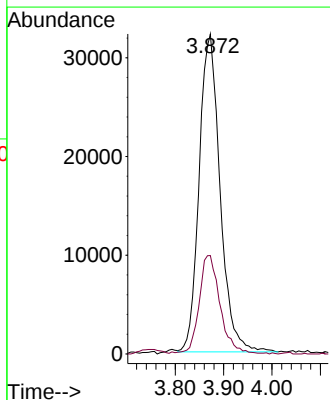
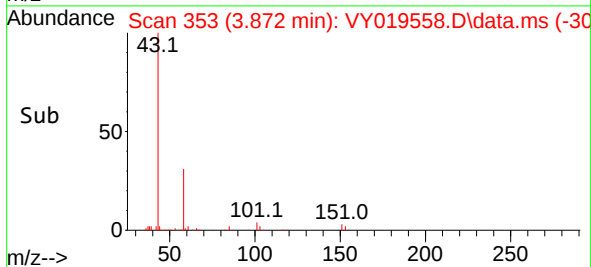
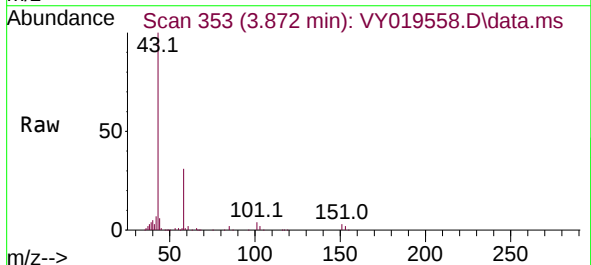


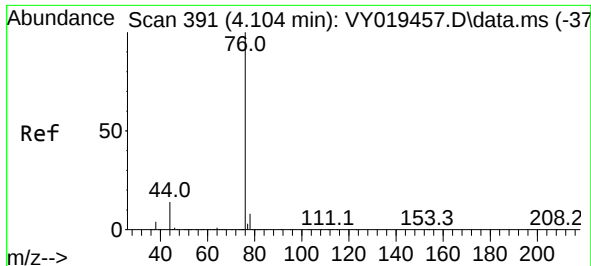
Tgt Ion: 53 Resp: 87693
Ion Ratio Lower Upper
53 100
52 84.1 64.7 97.1
51 37.8 28.4 42.6



#16
Acetone
Concen: 100.567 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

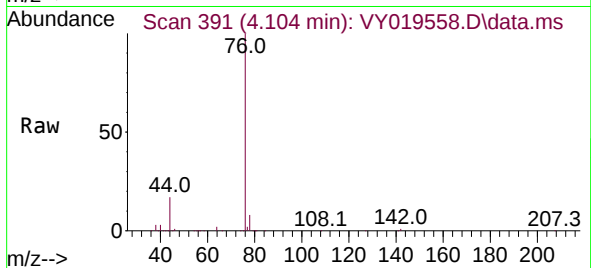
Tgt Ion: 43 Resp: 96935
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#



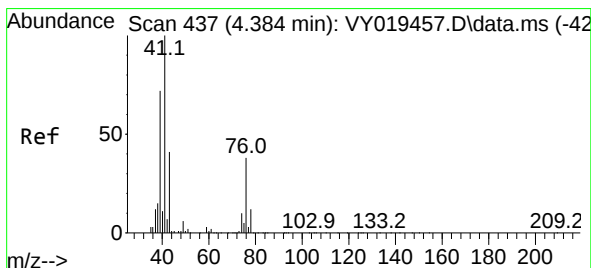
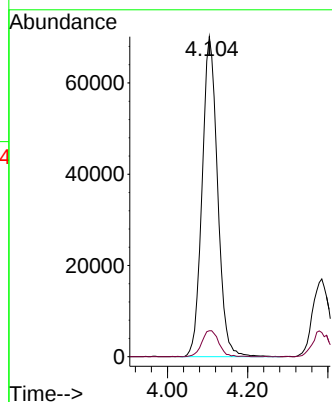
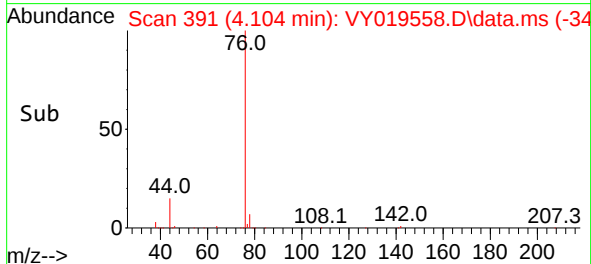


#17
Carbon Disulfide
Concen: 17.937 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Instrument :
MSVOA_Y
ClientSampleId :

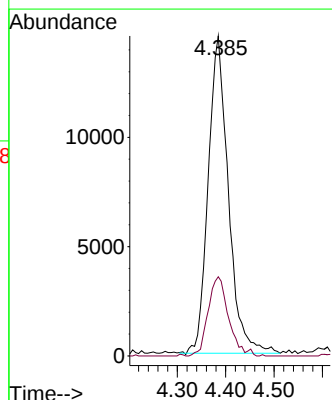
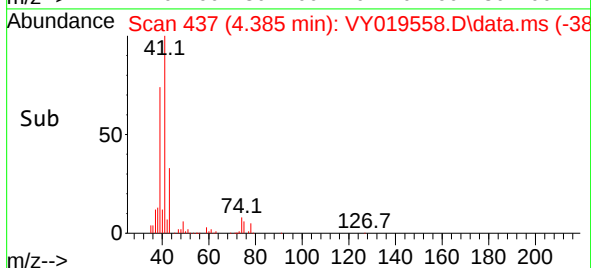
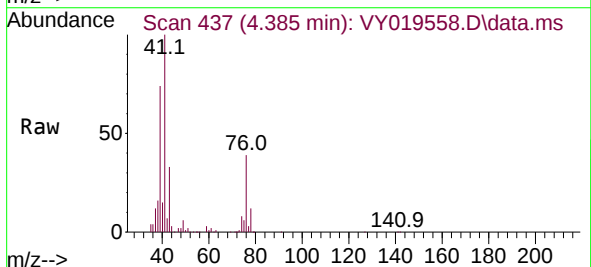


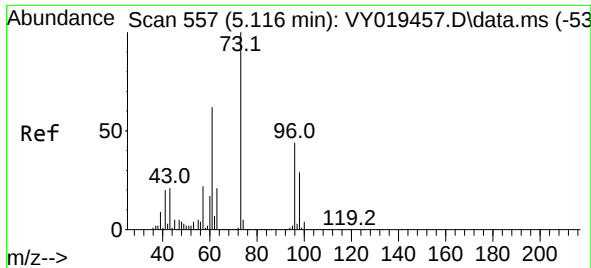
Tgt Ion: 76 Resp: 187870
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 16.057 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 43 Resp: 42002
Ion Ratio Lower Upper
43 100
74 25.3 23.3 34.9

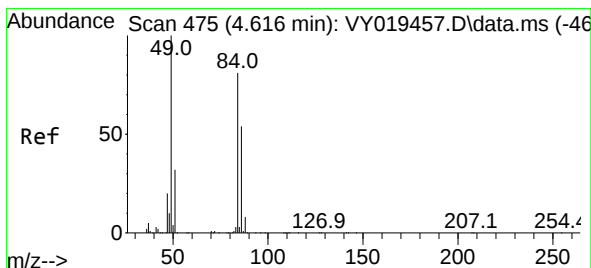
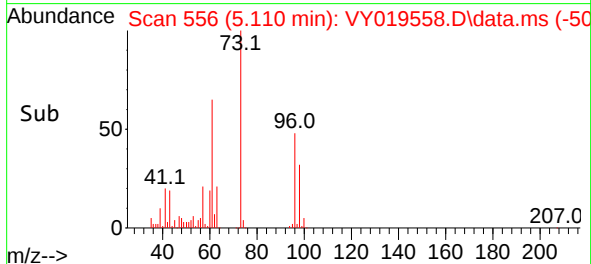
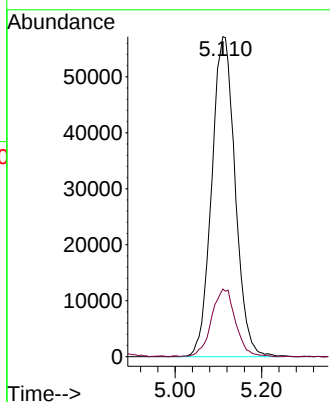
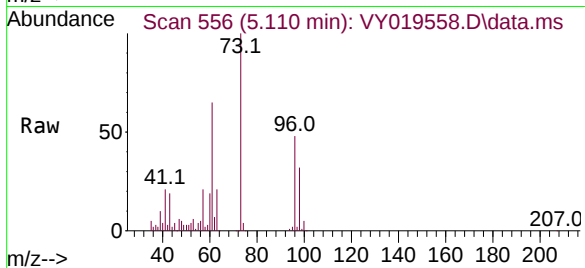




#19
Methyl tert-butyl Ether
Concen: 19.621 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

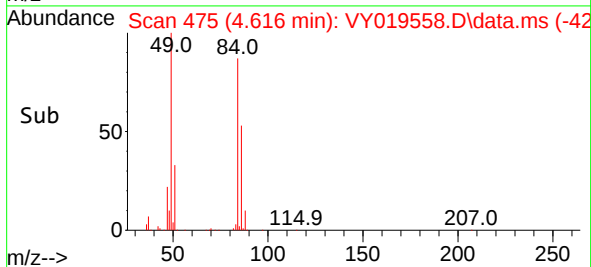
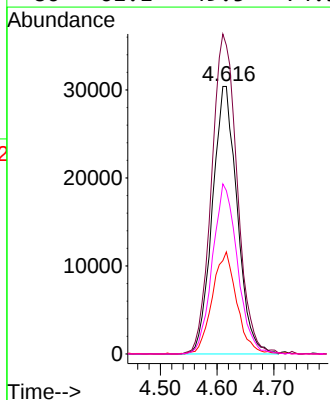
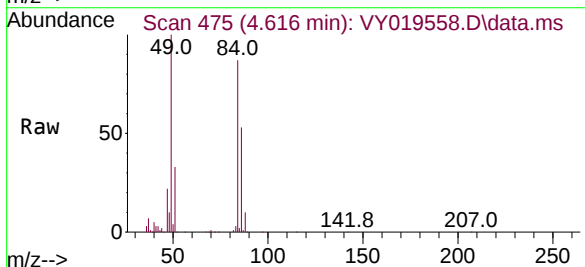
Instrument :
MSVOA_Y
ClientSampleId :

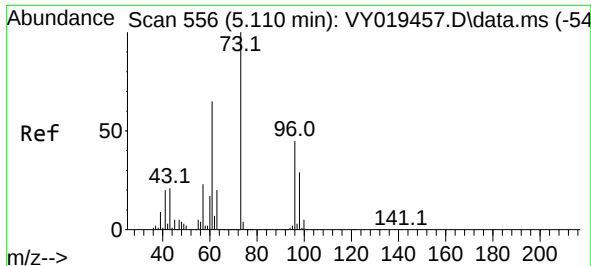
Tgt Ion: 73 Resp: 215428
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 20.978 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 84 Resp: 92216
Ion Ratio Lower Upper
84 100
49 115.3 84.4 126.6
51 38.2 26.0 39.0
86 61.1 49.5 74.3

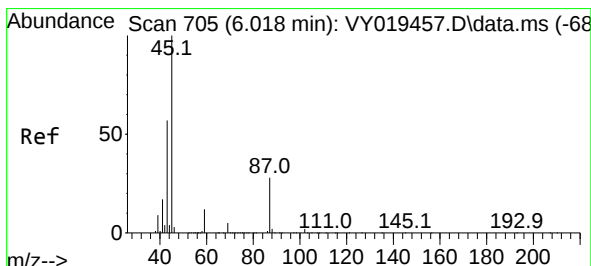
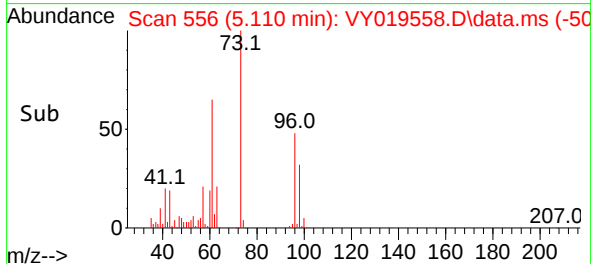
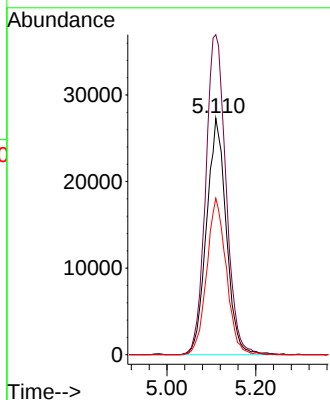
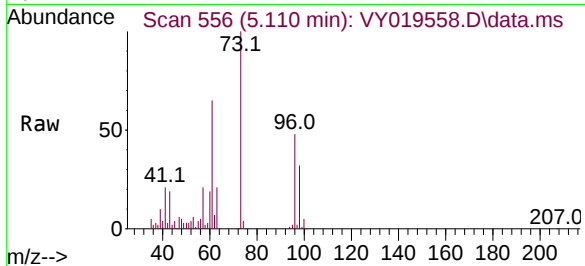




#21
trans-1,2-Dichloroethene
Concen: 19.827 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

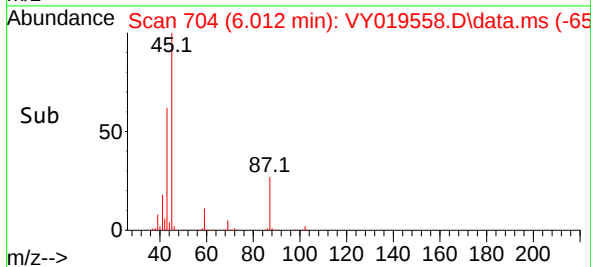
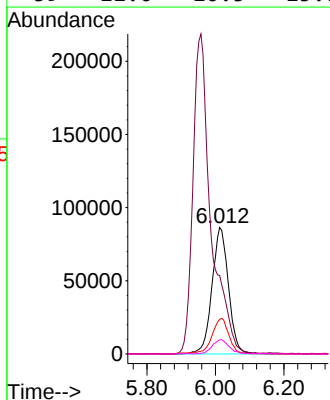
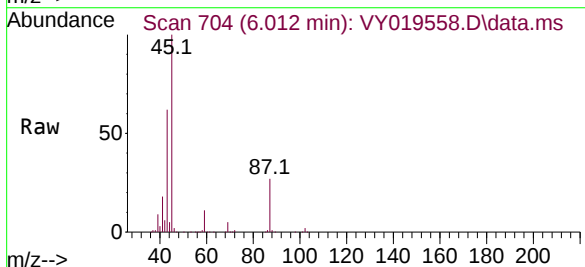
Instrument :
MSVOA_Y
ClientSampleId :

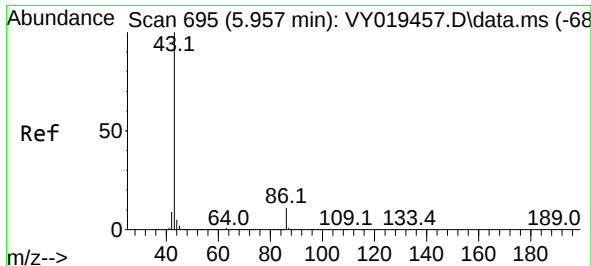
Tgt Ion: 96 Resp: 84245
Ion Ratio Lower Upper
96 100
61 135.3 97.5 146.3
98 66.1 50.5 75.7



#22
Diisopropyl ether
Concen: 20.137 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 45 Resp: 287474
Ion Ratio Lower Upper
45 100
43 61.7 42.2 63.2
87 27.5 25.0 37.6
59 11.0 10.5 15.7

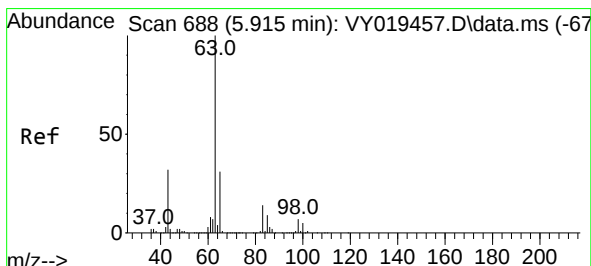
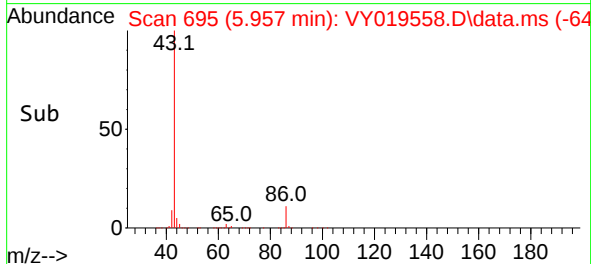
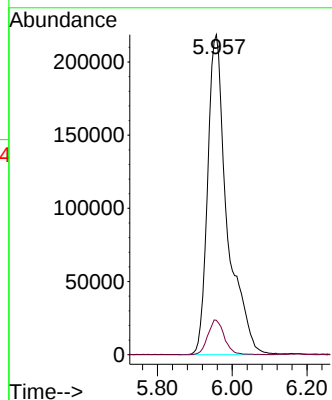
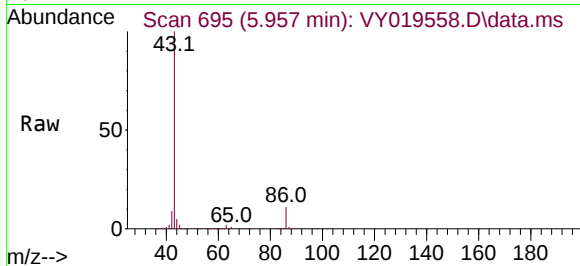




#23
 Vinyl Acetate
 Concen: 97.564 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019558.D
 Acq: 16 Sep 2024 11:10

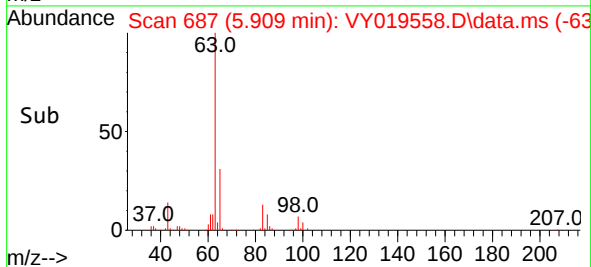
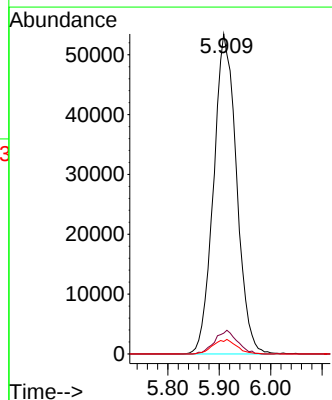
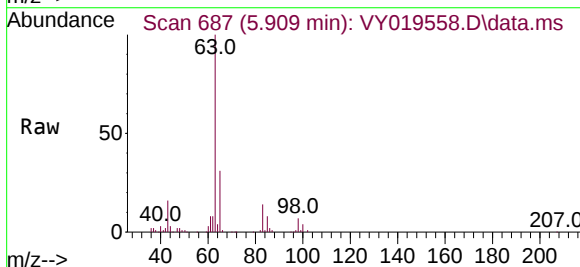
Instrument :
 MSVOA_Y
 ClientSampleId :

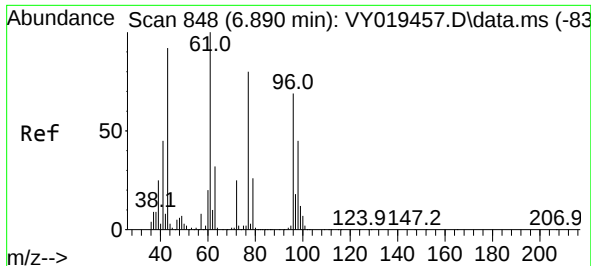
Tgt Ion: 43 Resp: 795555
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.729 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019558.D
 Acq: 16 Sep 2024 11:10

Tgt Ion: 63 Resp: 166058
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 3.9 2.6 8.0





#25

2-Butanone

Concen: 93.506 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

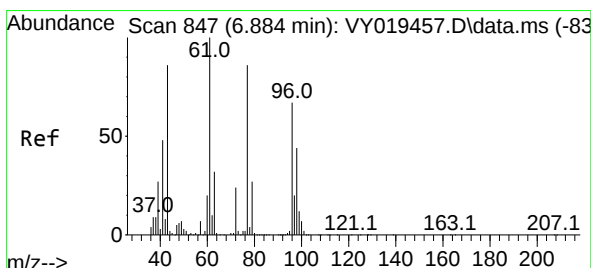
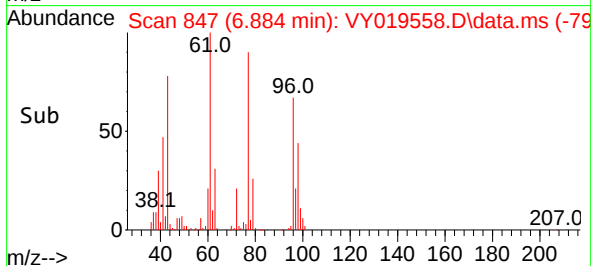
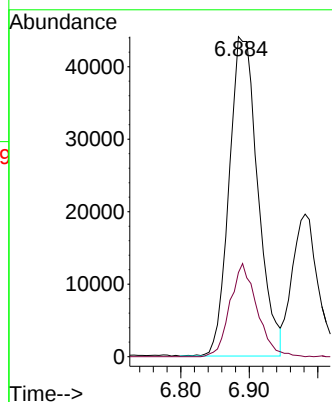
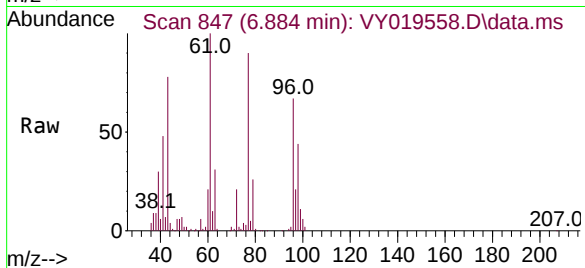
ClientSampleId :

Tgt Ion: 43 Resp: 128187

Ion Ratio Lower Upper

43 100

72 26.3 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.291 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019558.D

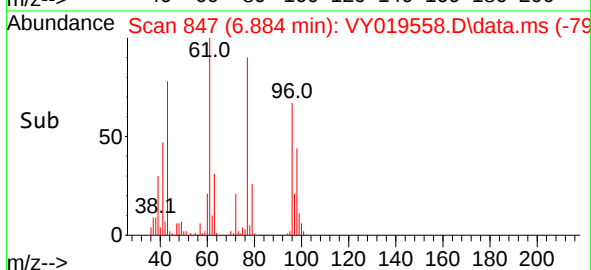
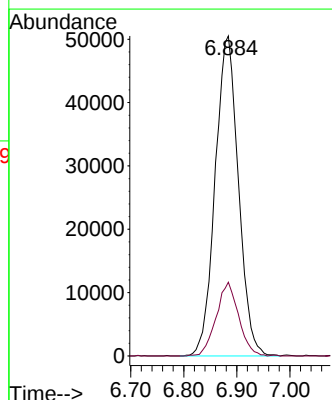
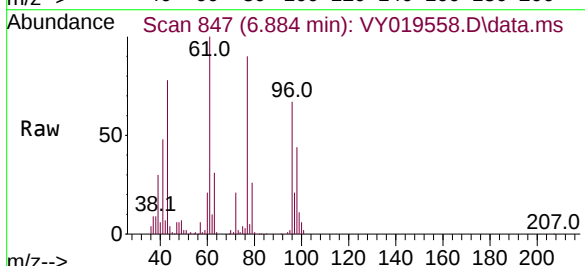
Acq: 16 Sep 2024 11:10

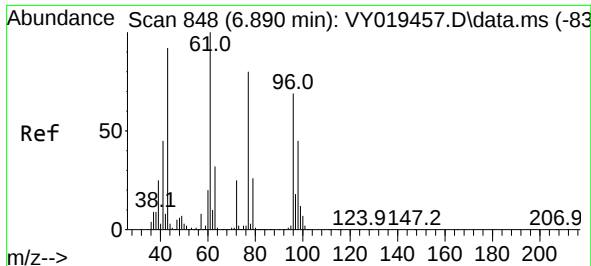
Tgt Ion: 77 Resp: 153849

Ion Ratio Lower Upper

77 100

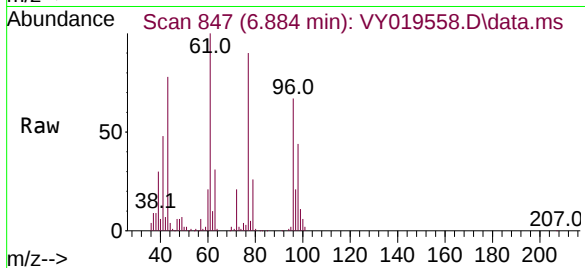
97 22.2 12.0 36.1



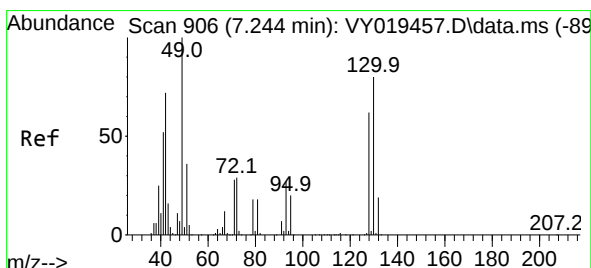
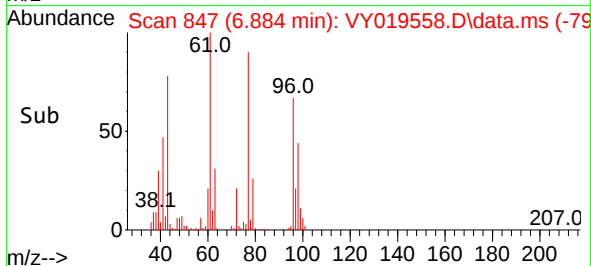
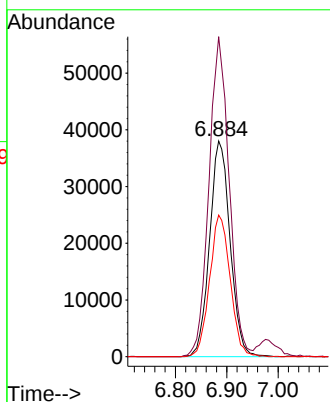


#27
 cis-1,2-Dichloroethene
 Concen: 20.443 ug/l
 RT: 6.884 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY019558.D
 Acq: 16 Sep 2024 11:10

Instrument :
 MSVOA_Y
 ClientSampleId :

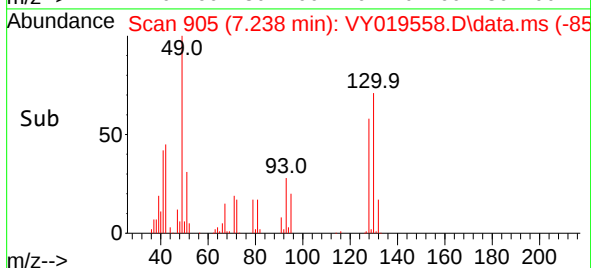
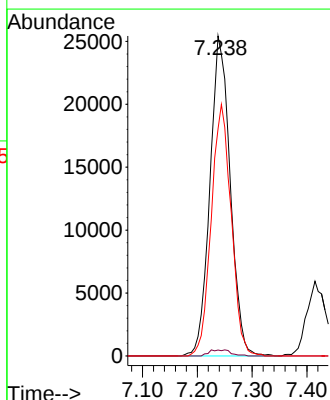
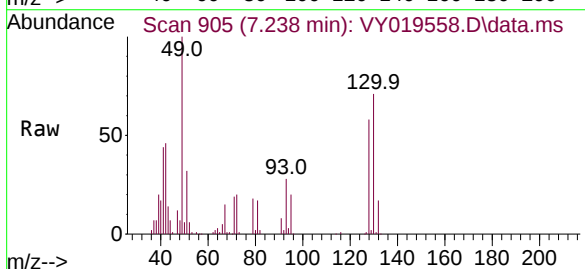


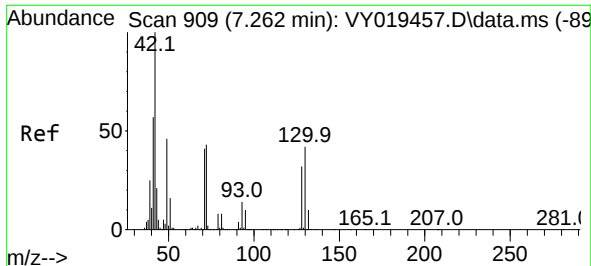
Tgt Ion: 96 Resp: 105516
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 256.2
 98 65.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.361 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019558.D
 Acq: 16 Sep 2024 11:10

Tgt Ion: 49 Resp: 65256
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 77.3 72.7 109.1

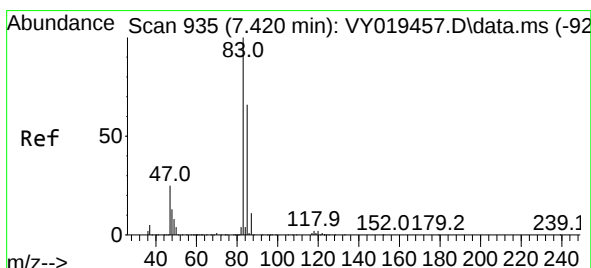
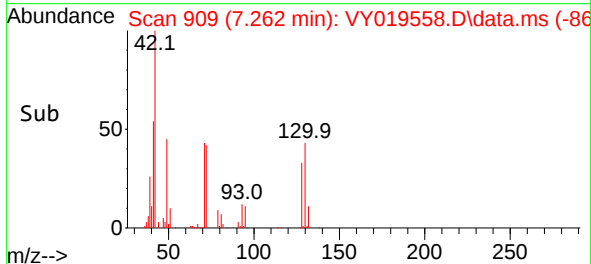
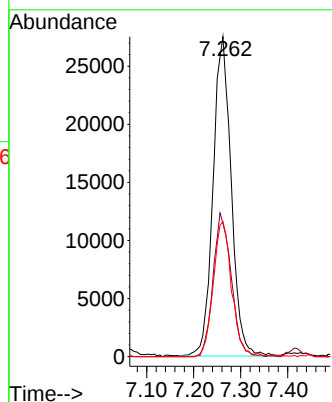
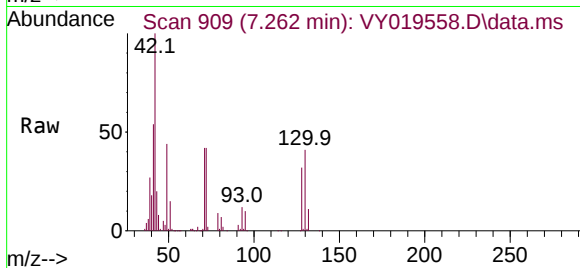




#29
Tetrahydrofuran
Concen: 88.887 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

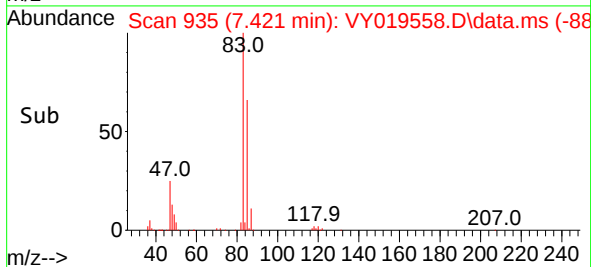
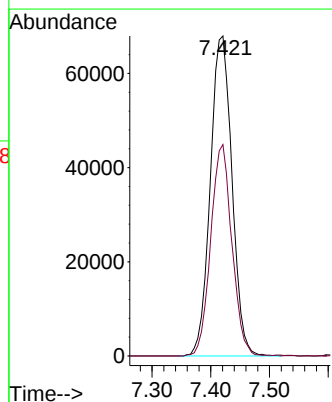
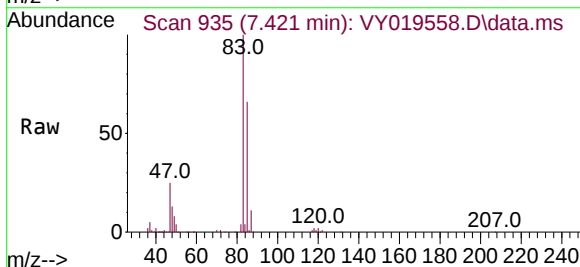
Instrument :
MSVOA_Y
ClientSampleId :

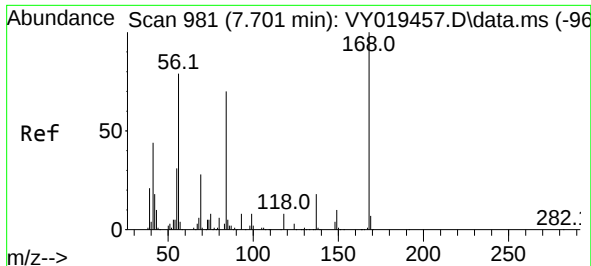
Tgt Ion: 42 Resp: 74089
Ion Ratio Lower Upper
42 100
72 44.9 43.0 64.4
71 42.2 40.8 61.2



#30
Chloroform
Concen: 21.284 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 83 Resp: 174055
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.4

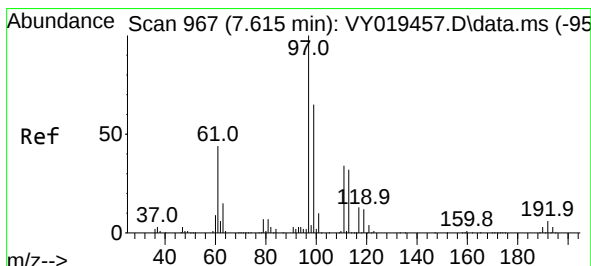
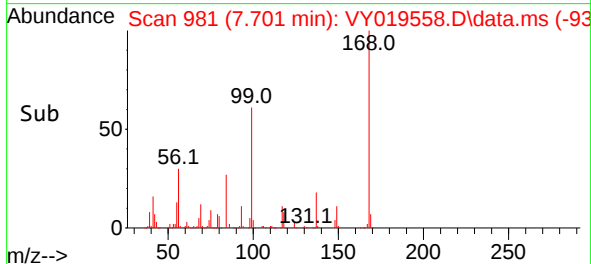
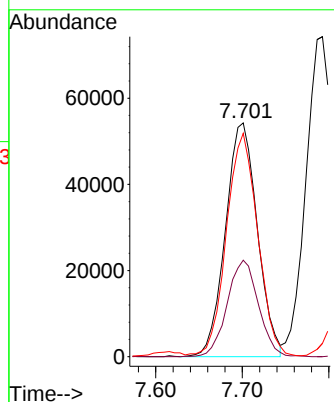
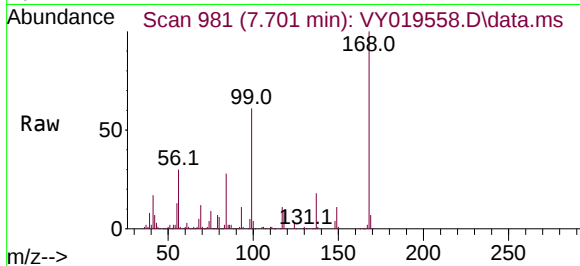




#31
Cyclohexane
Concen: 19.164 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

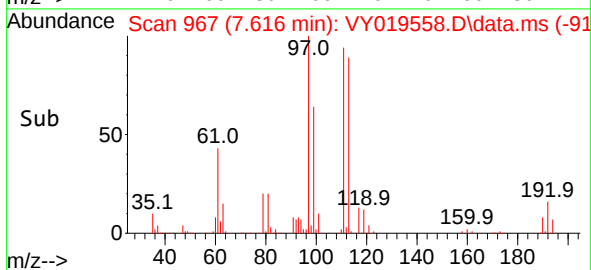
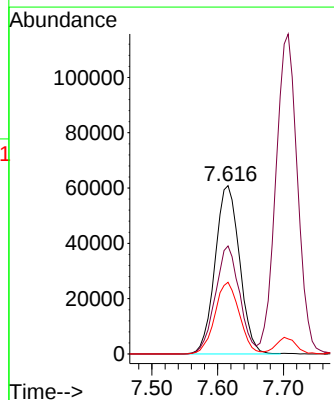
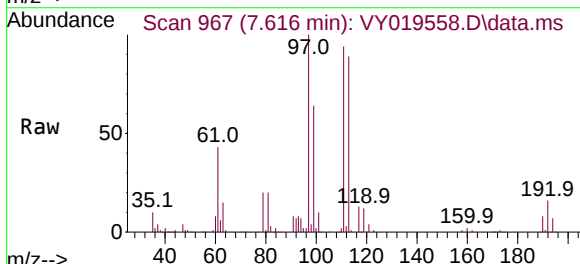
Instrument :
MSVOA_Y
ClientSampleId :

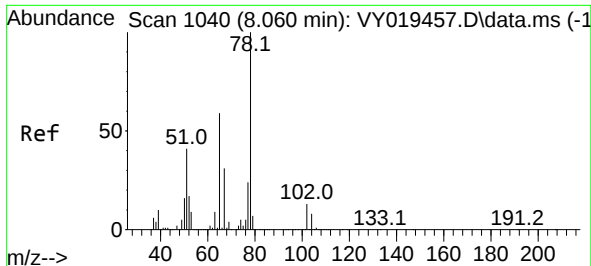
Tgt Ion: 56 Resp: 138768
Ion Ratio Lower Upper
56 100
69 41.3 28.7 43.1
84 93.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.537 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 97 Resp: 157865
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 42.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.322 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

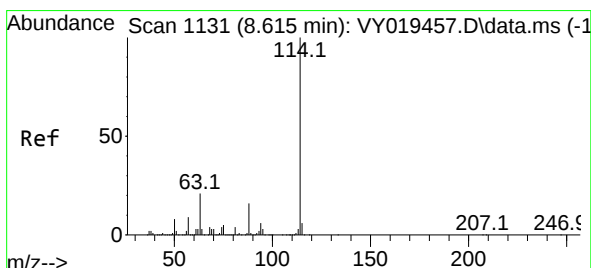
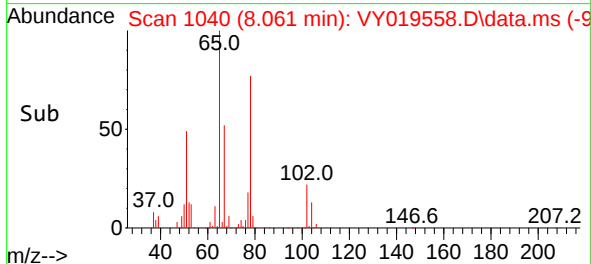
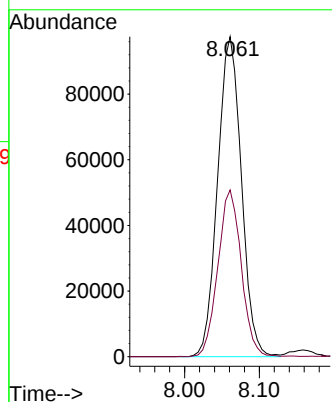
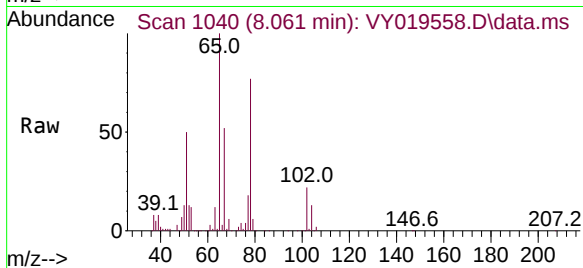
ClientSampleId :

Tgt Ion: 65 Resp: 215739

Ion Ratio Lower Upper

65 100

67 51.2 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: VY019558.D

Acq: 16 Sep 2024 11:10

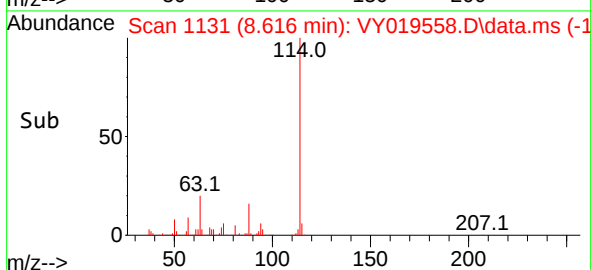
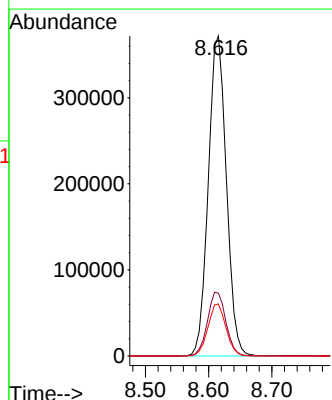
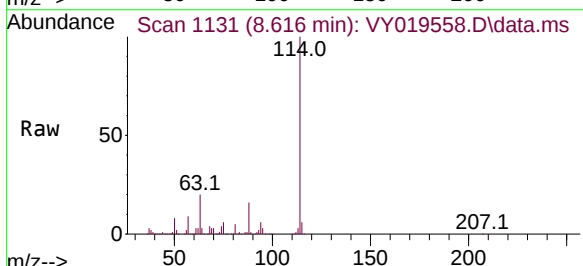
Tgt Ion: 114 Resp: 738937

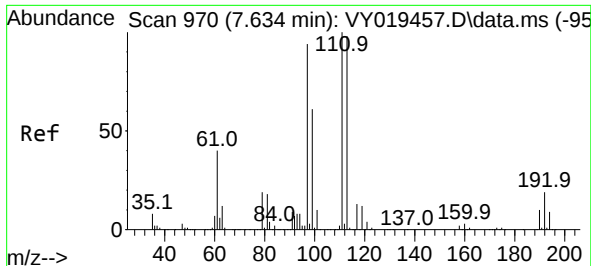
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

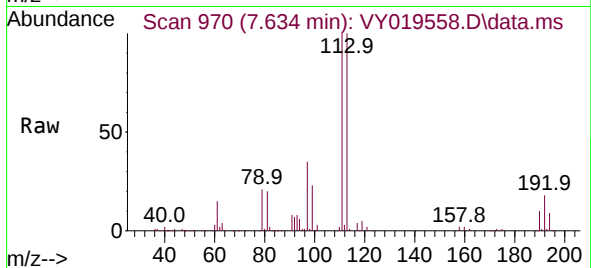
88 16.3 0.0 27.2



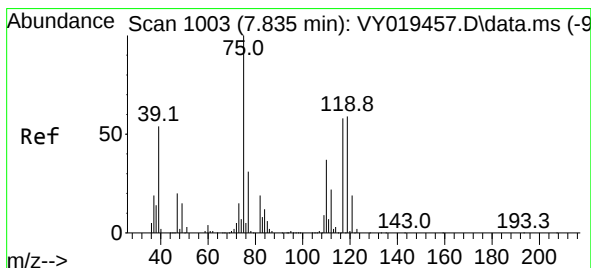
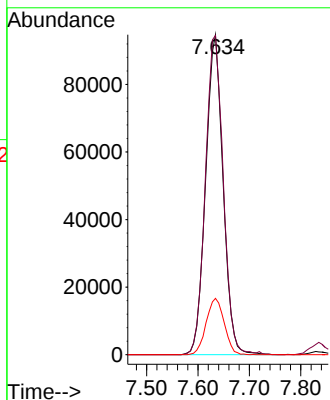
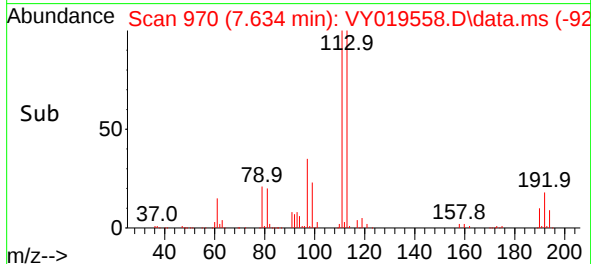


#35
Dibromofluoromethane
Concen: 53.193 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

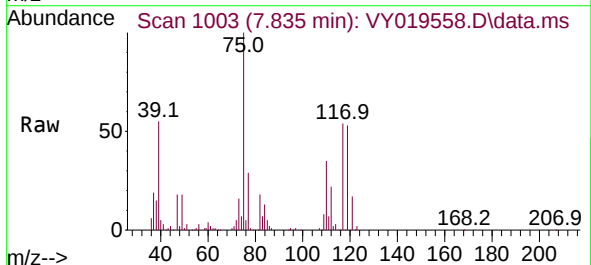
Instrument :
MSVOA_Y
ClientSampleId :



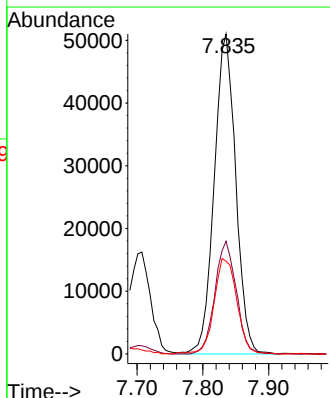
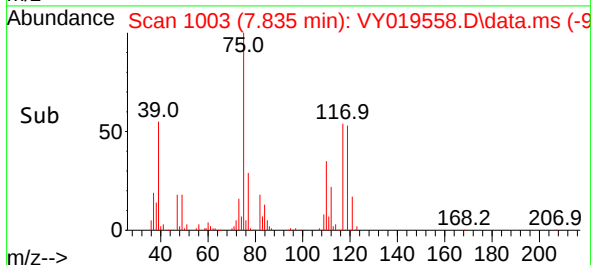
Tgt Ion:113 Resp: 222861
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.2 15.9 23.9

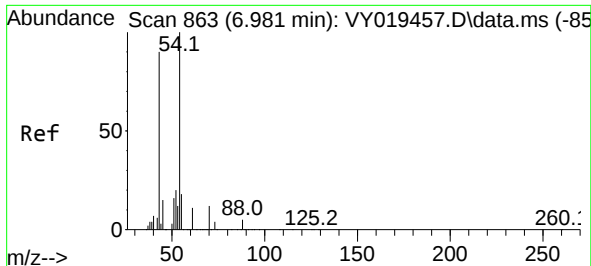


#36
1,1-Dichloropropene
Concen: 20.370 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10



Tgt Ion: 75 Resp: 116125
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 18.060 ug/l

RT: 6.982 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

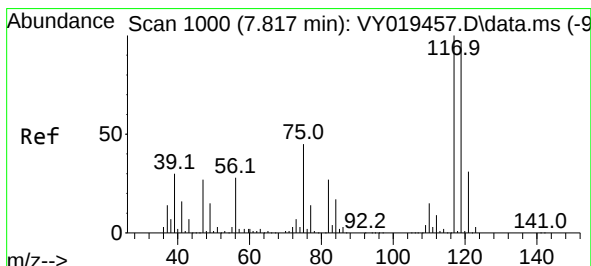
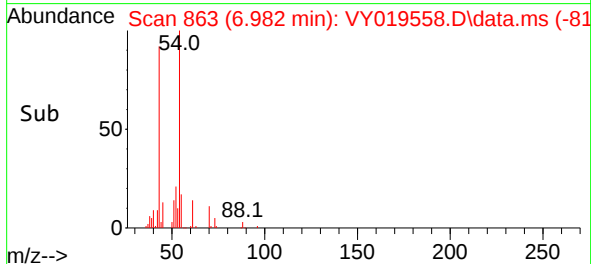
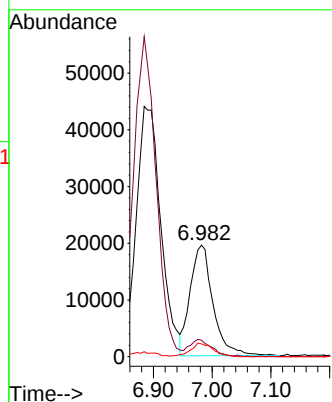
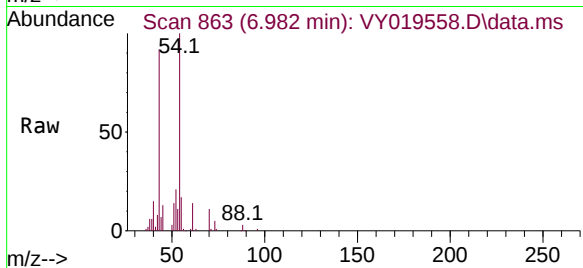
Tgt Ion: 43 Resp: 52754

Ion Ratio Lower Upper

43 100

61 13.8 12.6 19.0

70 12.2 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 20.844 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

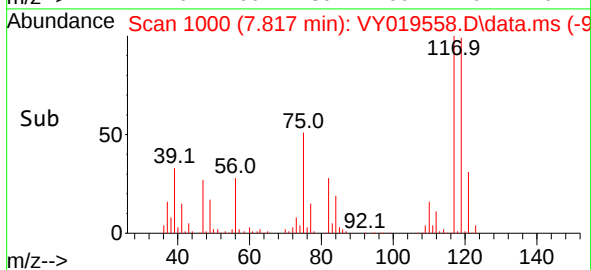
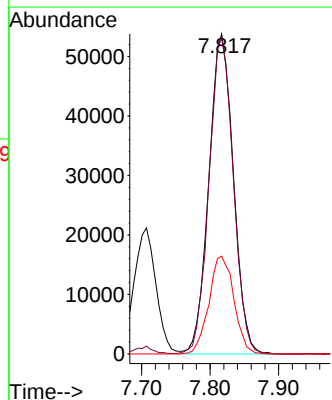
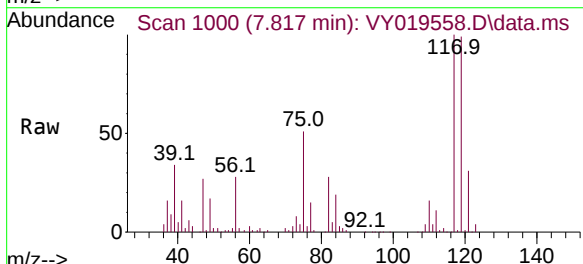
Tgt Ion: 117 Resp: 134001

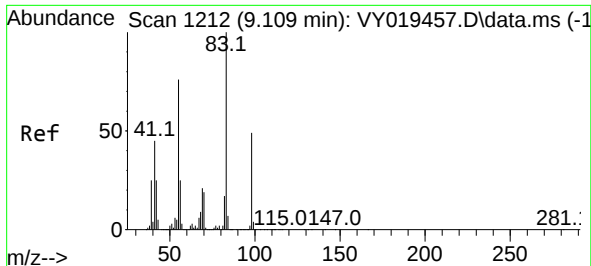
Ion Ratio Lower Upper

117 100

119 98.7 75.8 113.6

121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.156 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

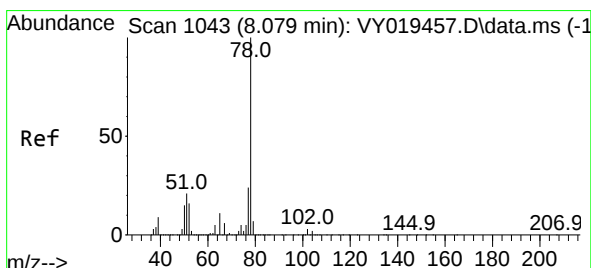
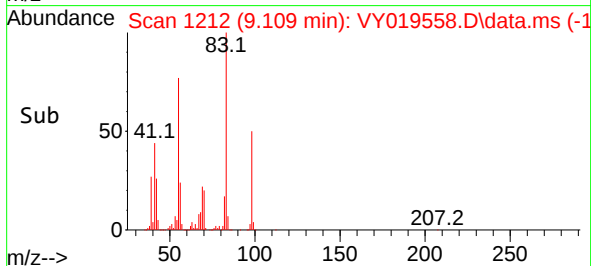
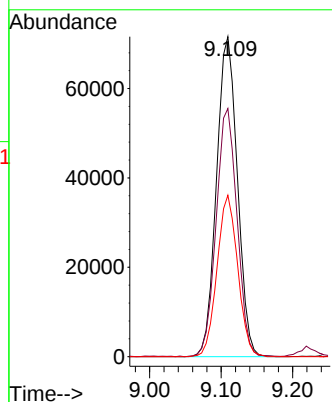
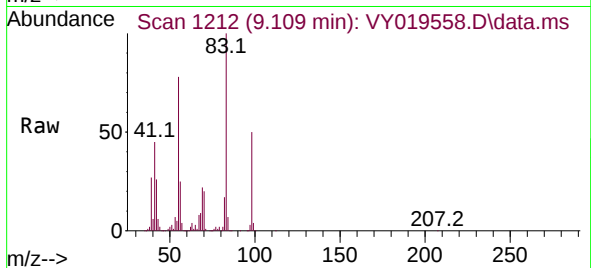
Tgt Ion: 83 Resp: 145333

Ion Ratio Lower Upper

83 100

55 77.4 51.5 77.3#

98 50.4 40.5 60.7



#40

Benzene

Concen: 20.475 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019558.D

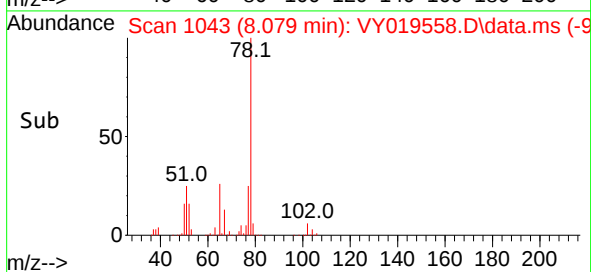
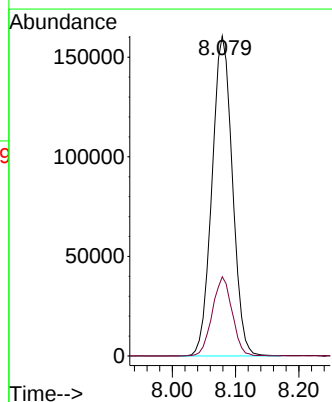
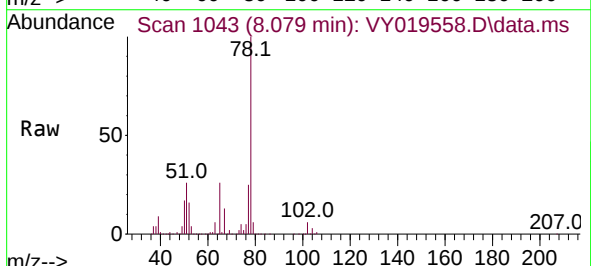
Acq: 16 Sep 2024 11:10

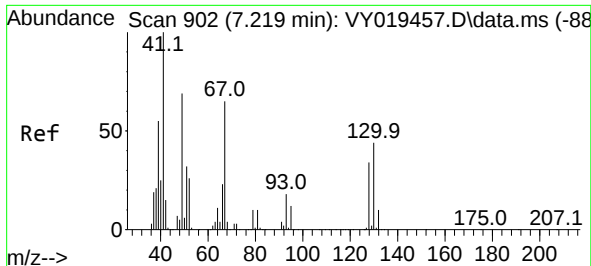
Tgt Ion: 78 Resp: 359516

Ion Ratio Lower Upper

78 100

77 24.7 19.5 29.3

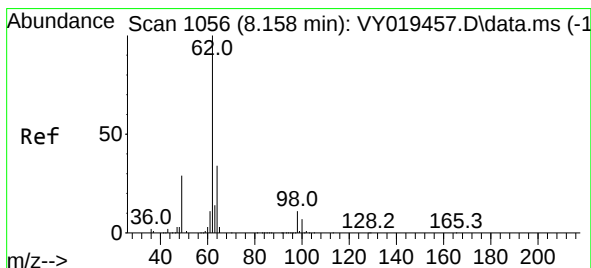
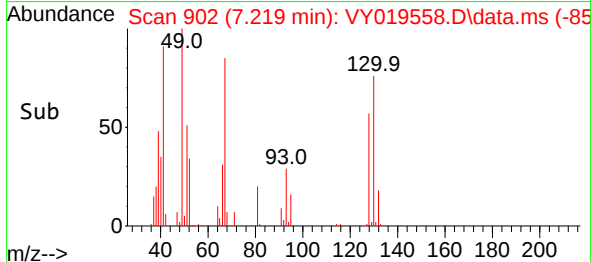
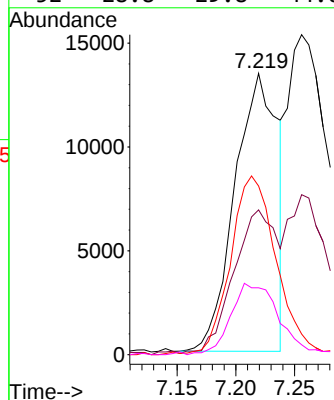
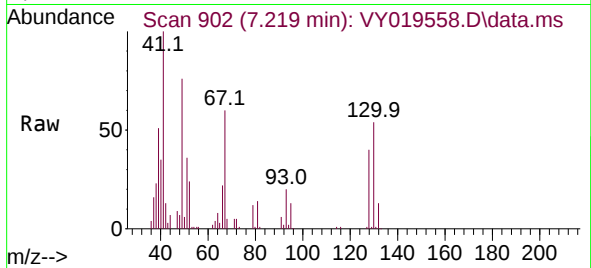




#41
Methacrylonitrile
Concen: 19.846 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

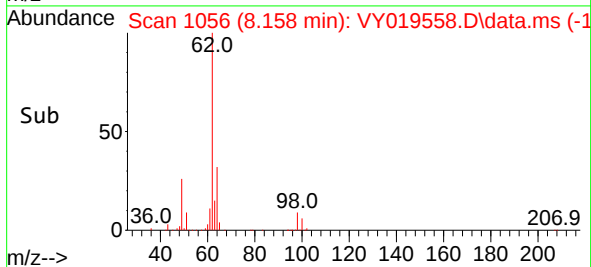
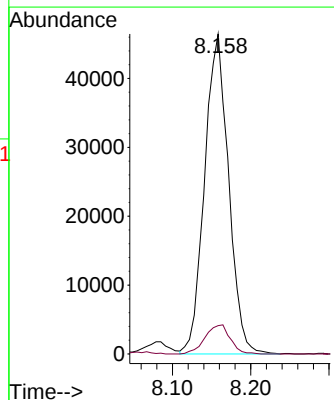
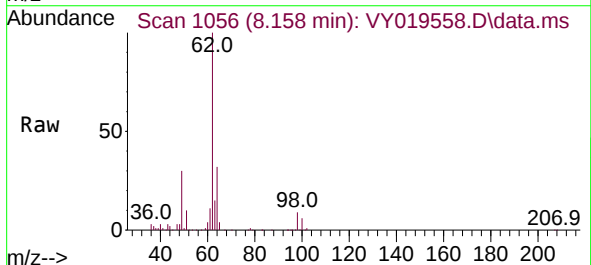
Instrument :
MSVOA_Y
ClientSampleId :

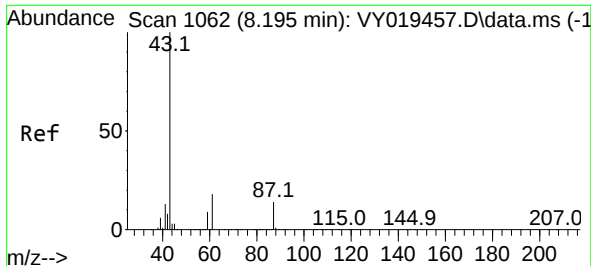
Tgt Ion: 41 Resp: 33792
Ion Ratio Lower Upper
41 100
39 52.4 48.0 72.0
67 67.4 75.1 112.7#
52 28.8 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.945 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 62 Resp: 98961
Ion Ratio Lower Upper
62 100
98 9.5 0.0 22.0

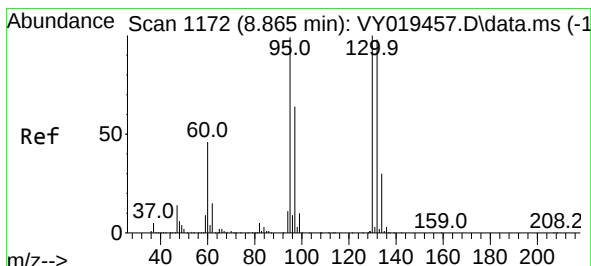
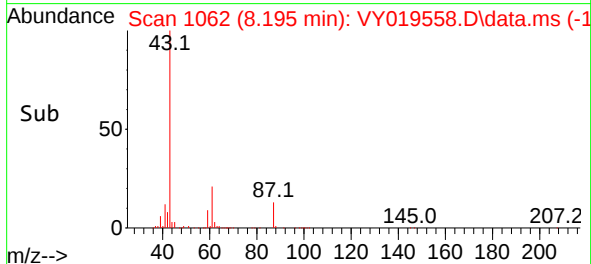
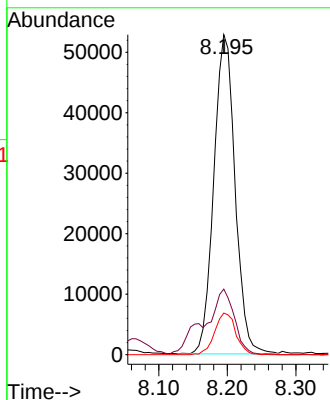
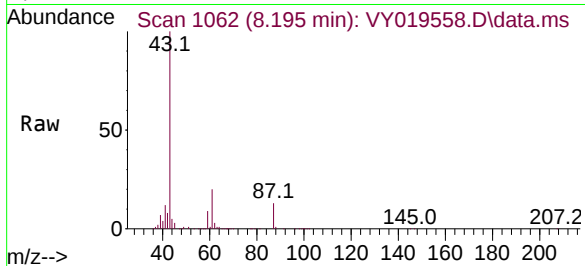




#43
Isopropyl Acetate
Concen: 18.521 ug/l
RT: 8.195 min Scan# 11657
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

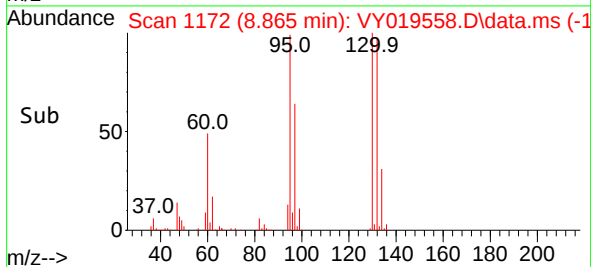
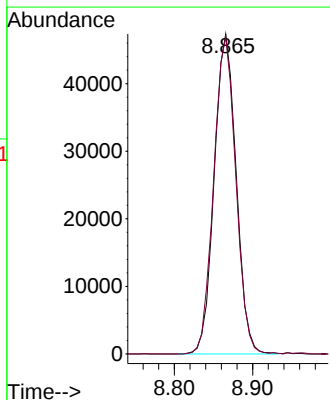
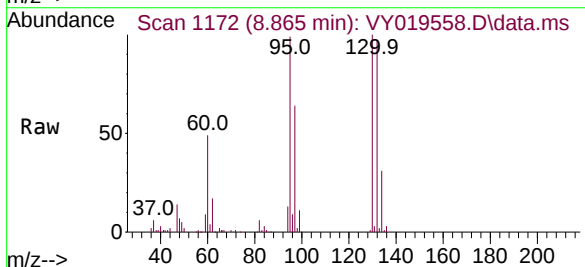
Instrument :
MSVOA_Y
ClientSampleId :

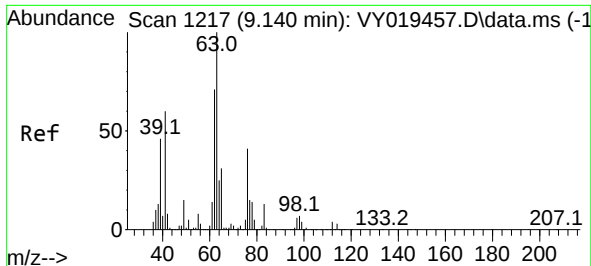
Tgt Ion: 43 Resp: 113657
Ion Ratio Lower Upper
43 100
61 21.3 27.9 41.9#
87 12.9 13.1 19.7#



#44
Trichloroethene
Concen: 20.432 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion:130 Resp: 92267
Ion Ratio Lower Upper
130 100
95 99.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.302 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

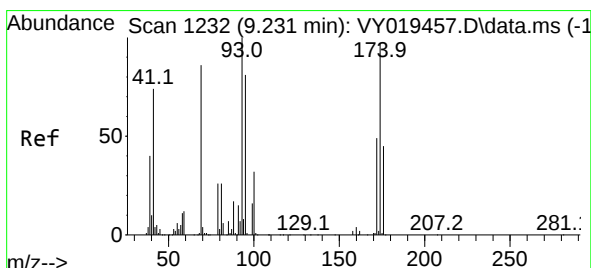
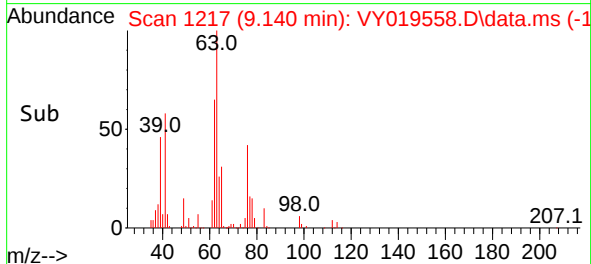
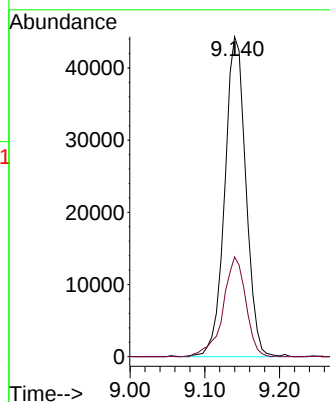
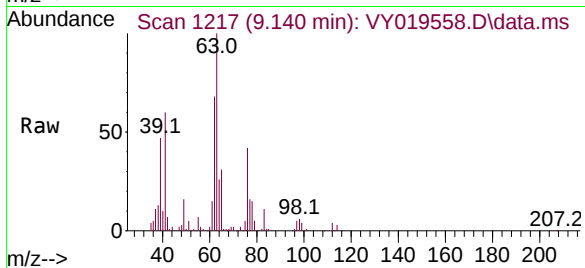
ClientSampleId :

Tgt Ion: 63 Resp: 87152

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 20.369 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

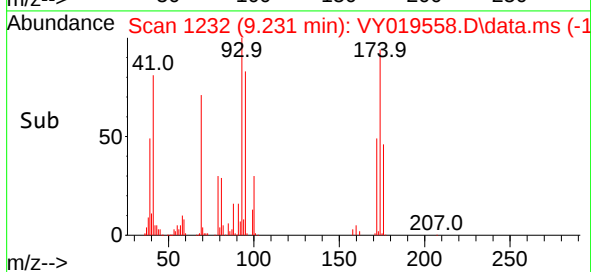
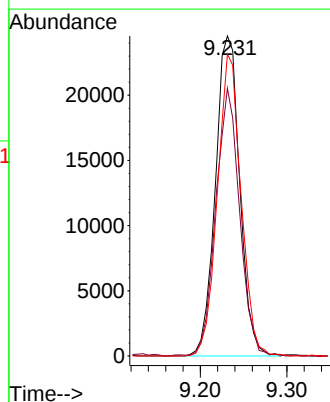
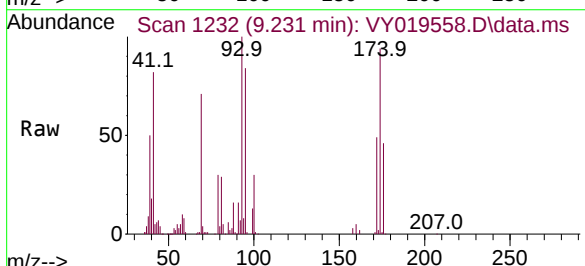
Tgt Ion: 93 Resp: 47815

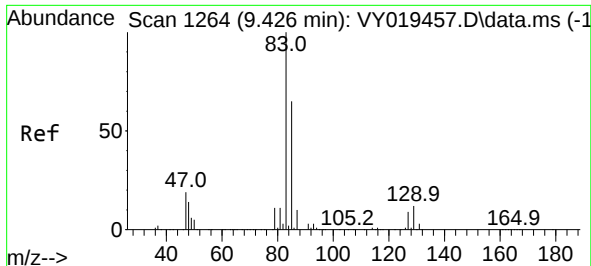
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 91.5 80.9 121.3





#47

Bromodichloromethane

Concen: 20.818 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

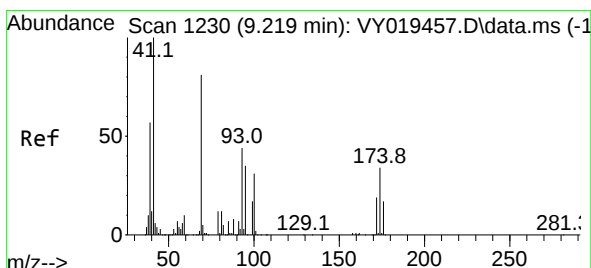
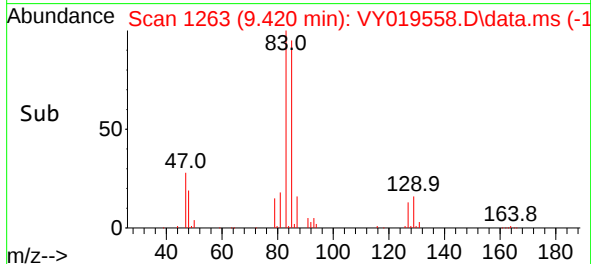
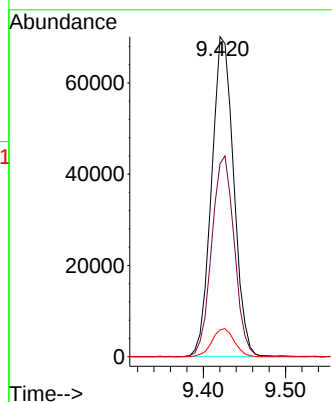
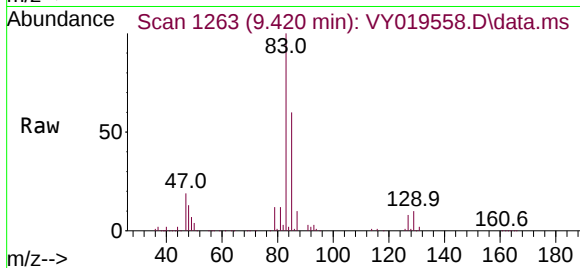
Tgt Ion: 83 Resp: 131369

Ion Ratio Lower Upper

83 100

85 60.3 50.1 75.1

127 8.4 7.4 11.0



#48

Methyl methacrylate

Concen: 17.489 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

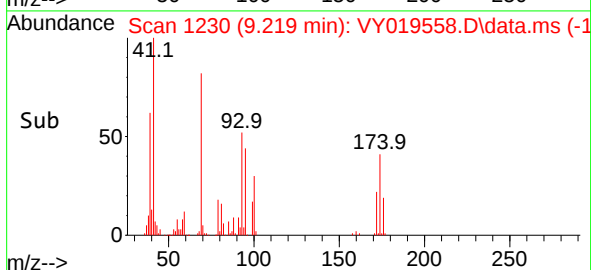
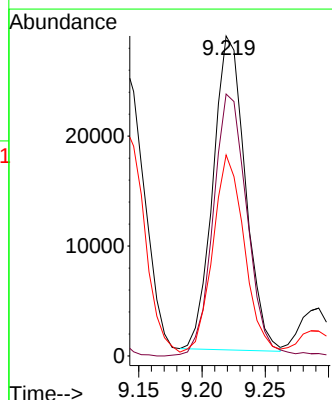
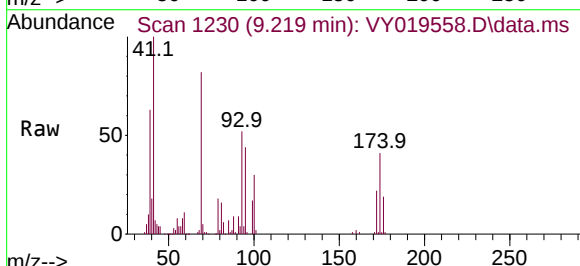
Tgt Ion: 41 Resp: 50684

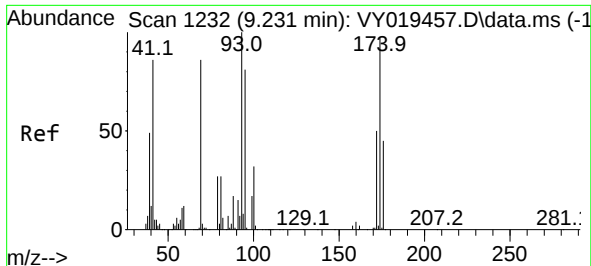
Ion Ratio Lower Upper

41 100

69 87.9 84.1 126.1

39 61.3 43.6 65.4





#49

1,4-Dioxane

Concen: 359.398 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

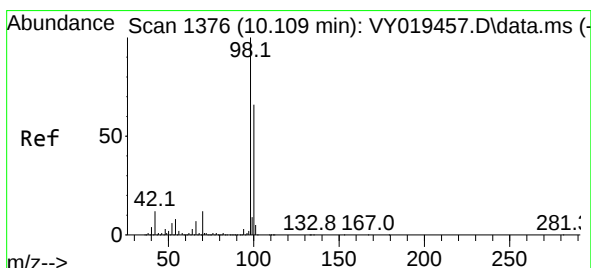
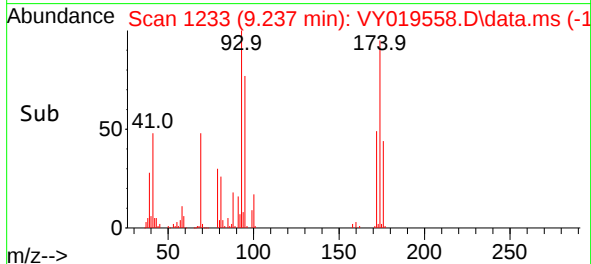
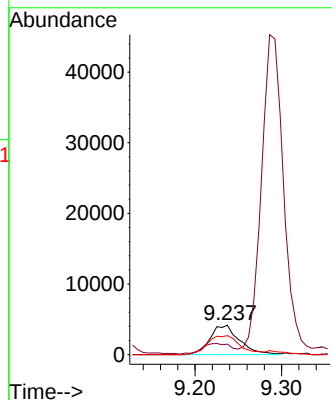
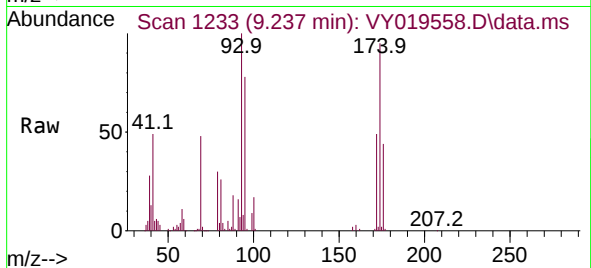
Tgt Ion: 88 Resp: 9932

Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0#

58 71.6 49.3 73.9



#50

Toluene-d8

Concen: 53.338 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019558.D

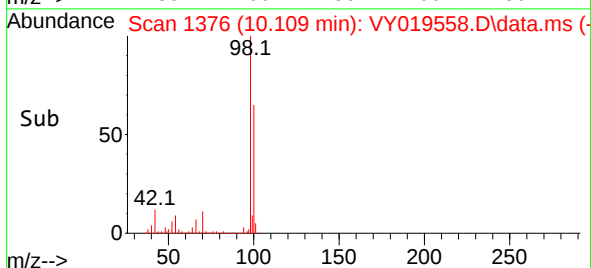
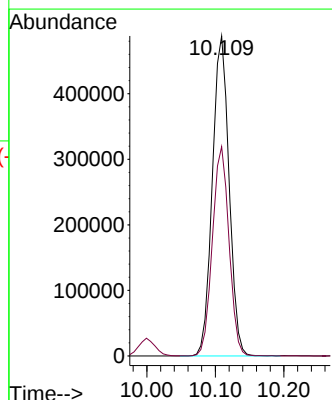
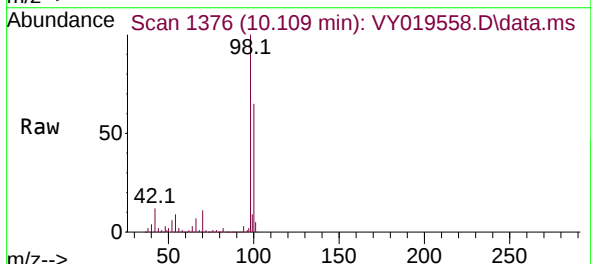
Acq: 16 Sep 2024 11:10

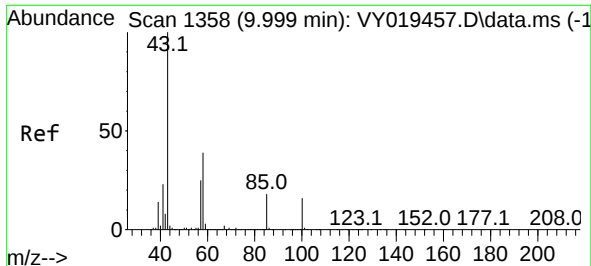
Tgt Ion: 98 Resp: 826545

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 89.707 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

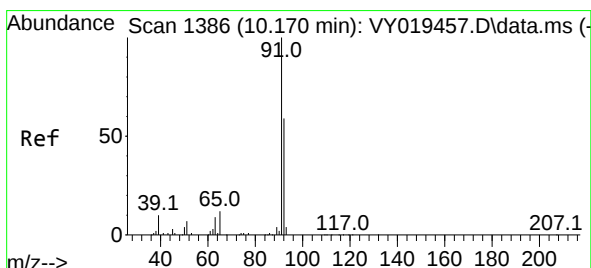
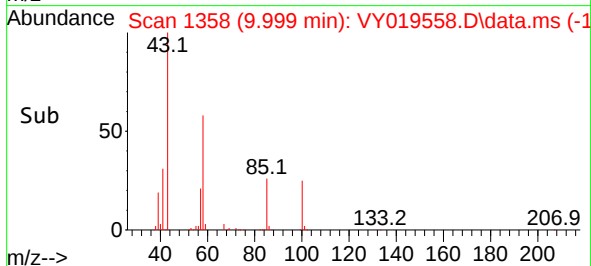
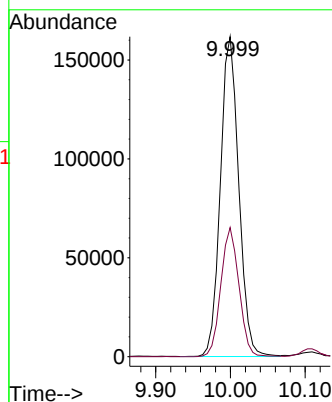
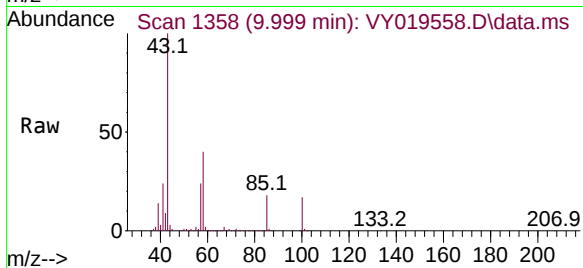
ClientSampleId :

Tgt Ion: 43 Resp: 276958

Ion Ratio Lower Upper

43 100

58 39.9 35.7 53.5



#52

Toluene

Concen: 20.598 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019558.D

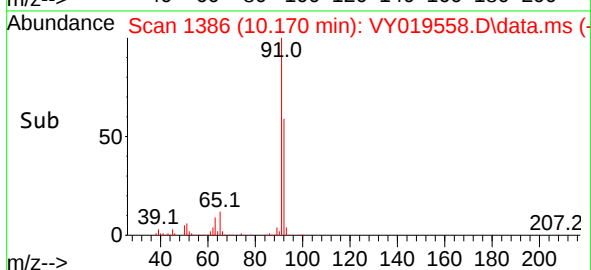
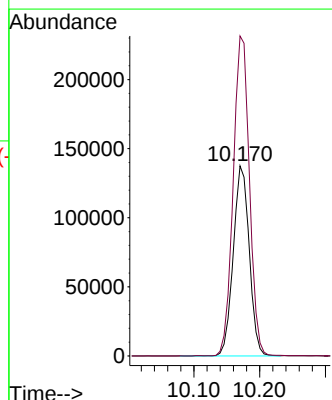
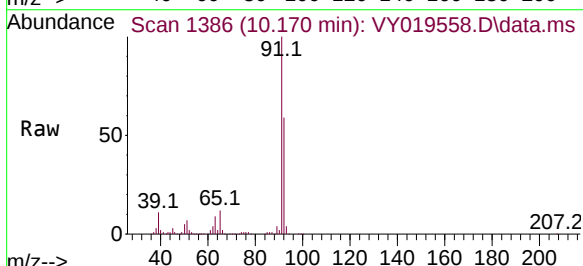
Acq: 16 Sep 2024 11:10

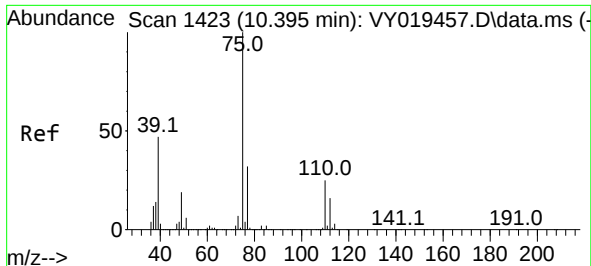
Tgt Ion: 92 Resp: 232613

Ion Ratio Lower Upper

92 100

91 170.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.804 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

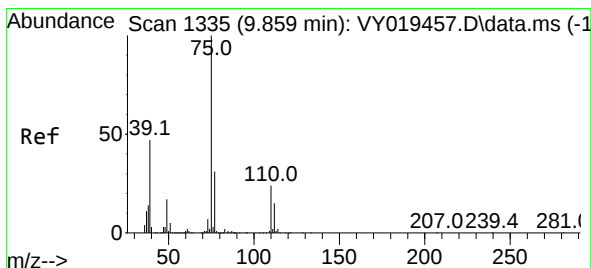
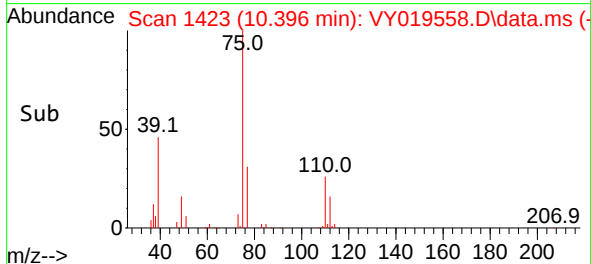
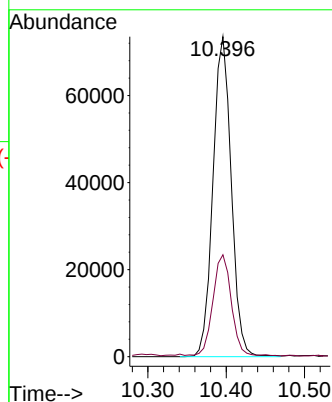
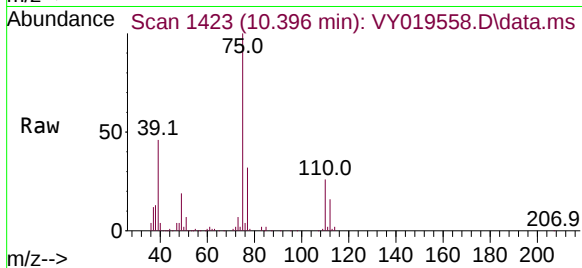
ClientSampleId :

Tgt Ion: 75 Resp: 119129

Ion Ratio Lower Upper

75 100

77 31.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.927 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

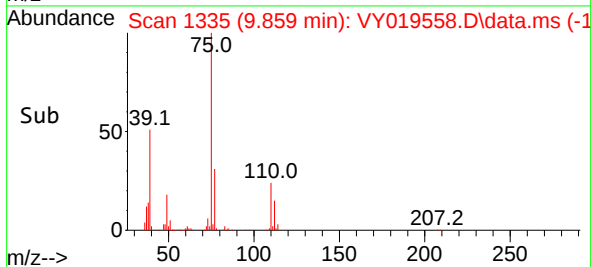
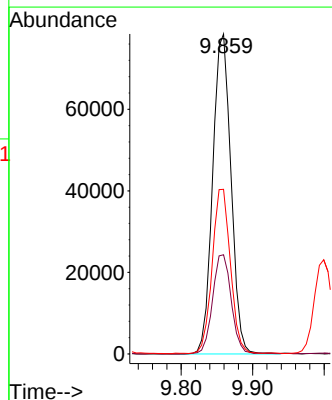
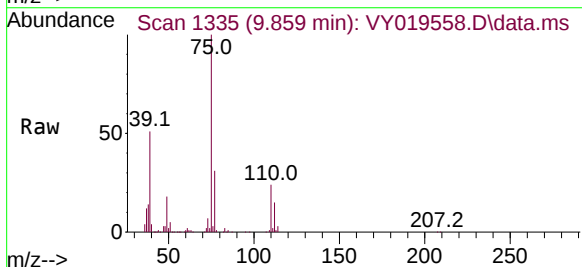
Tgt Ion: 75 Resp: 139575

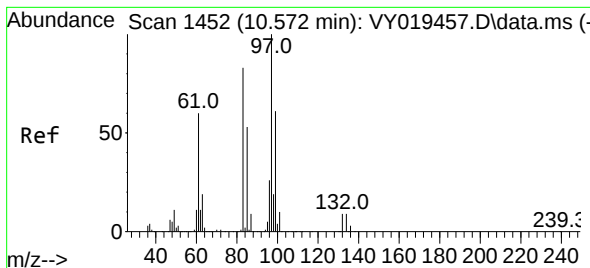
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 51.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 19.935 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

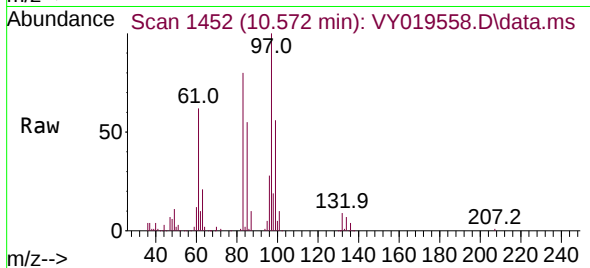
Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 64624

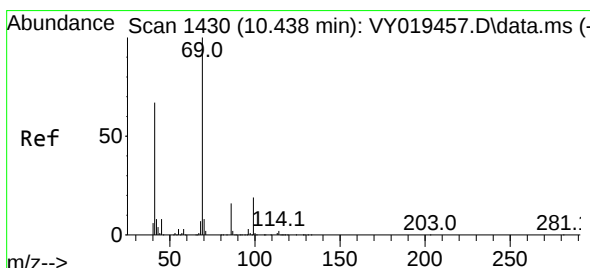
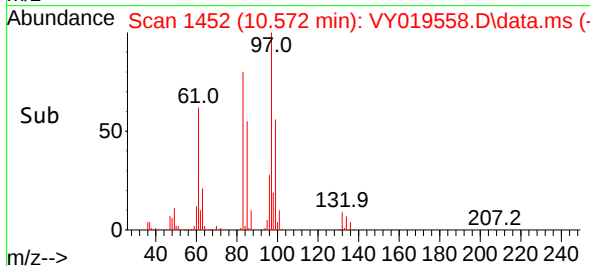
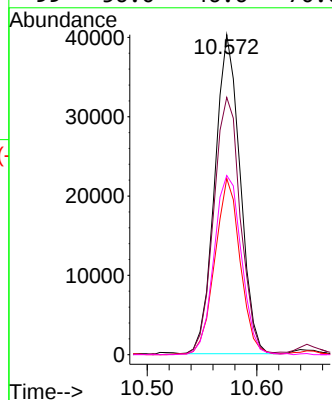
Ion Ratio Lower Upper

97 100

83 80.3 67.5 101.3

85 55.0 42.9 64.3

99 56.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.845 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

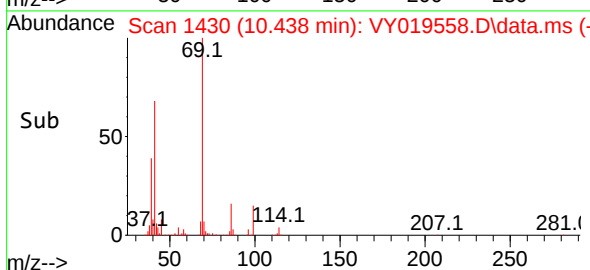
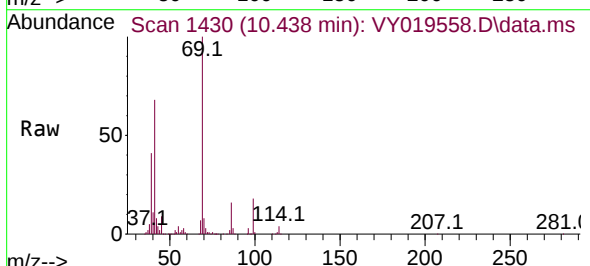
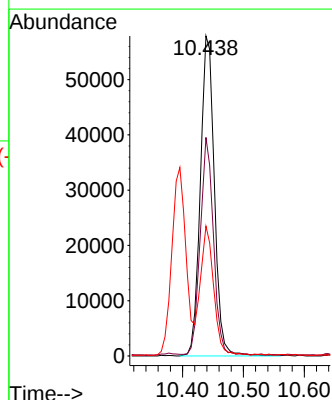
Tgt Ion: 69 Resp: 92800

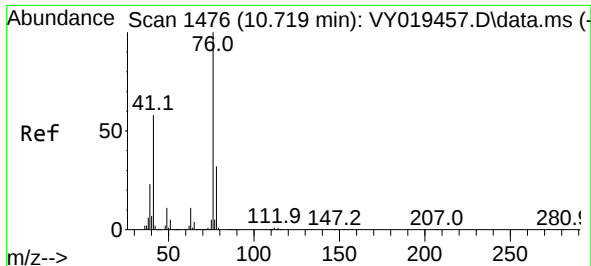
Ion Ratio Lower Upper

69 100

41 63.8 42.3 63.5#

39 37.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.143 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

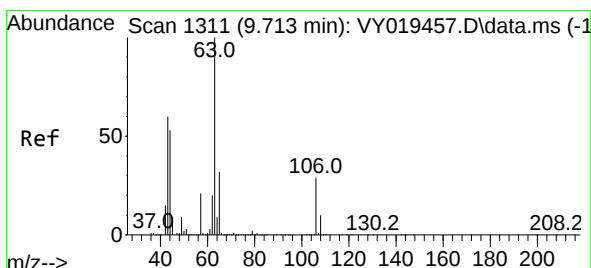
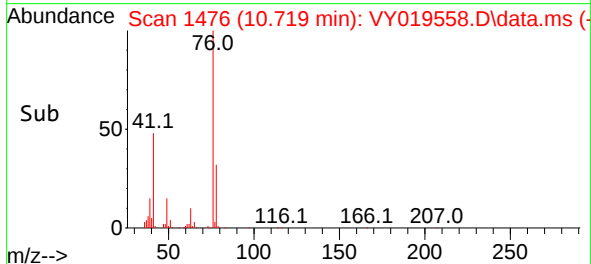
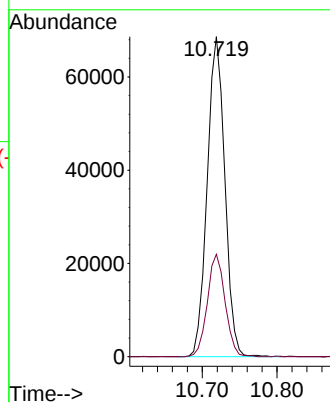
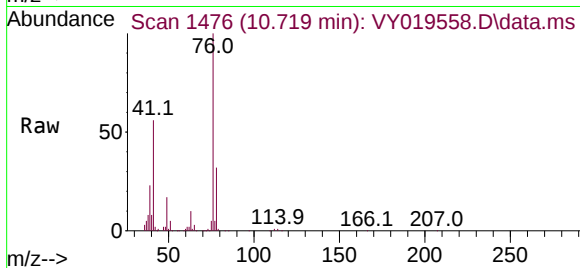
ClientSampleId :

Tgt Ion: 76 Resp: 112243

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.286 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019558.D

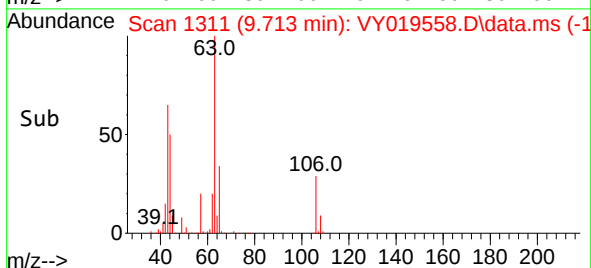
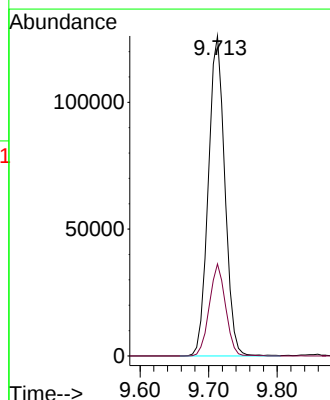
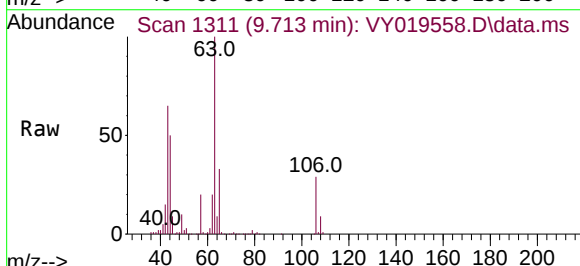
Acq: 16 Sep 2024 11:10

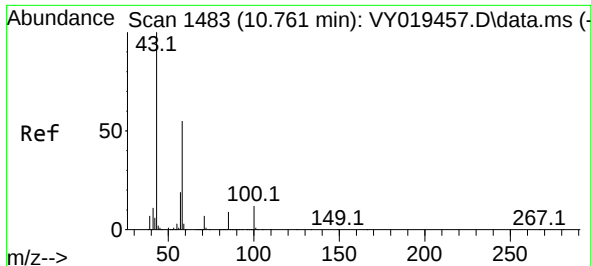
Tgt Ion: 63 Resp: 210928

Ion Ratio Lower Upper

63 100

106 28.2 23.7 35.5

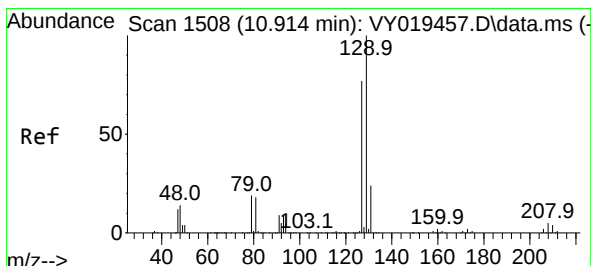
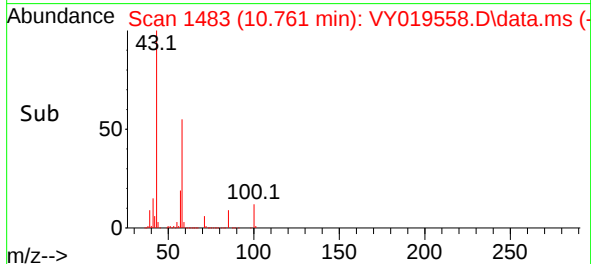
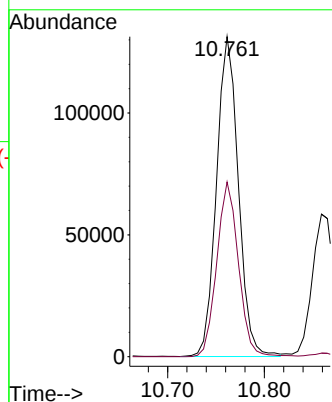
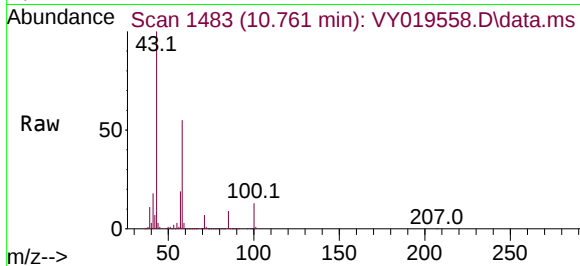




#59
2-Hexanone
Concen: 90.894 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

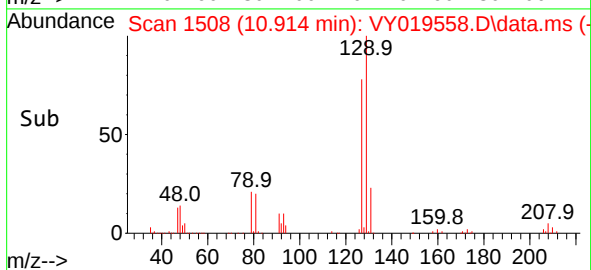
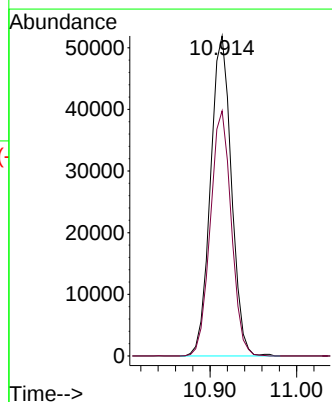
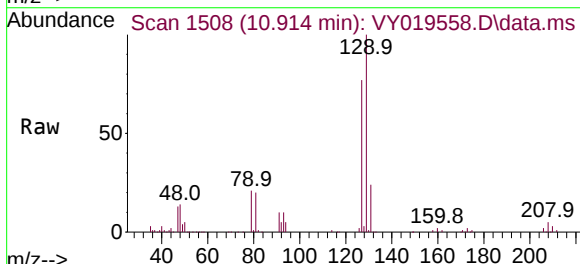
Instrument :
MSVOA_Y
ClientSampleId :

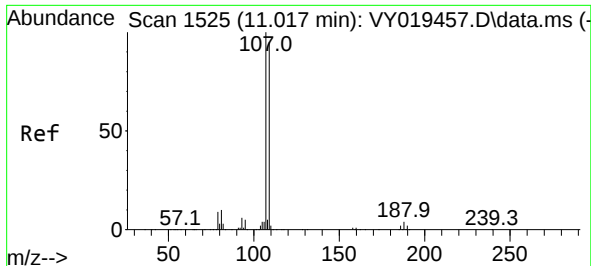
Tgt Ion: 43 Resp: 205734
Ion Ratio Lower Upper
43 100
58 54.3 31.4 94.0



#60
Dibromochloromethane
Concen: 20.283 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 129 Resp: 86979
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

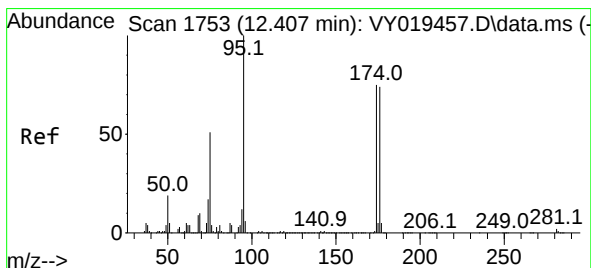
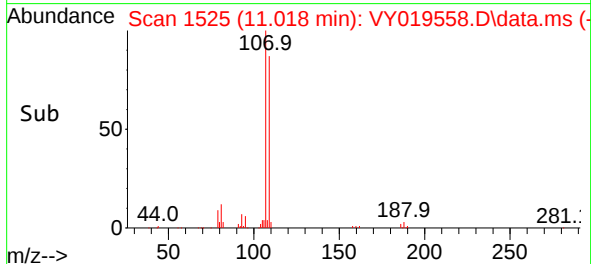
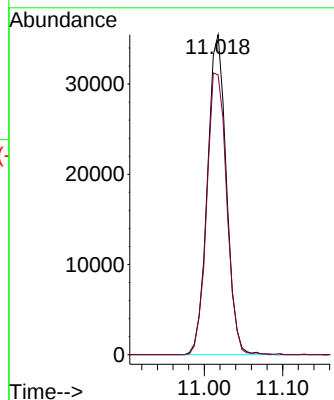
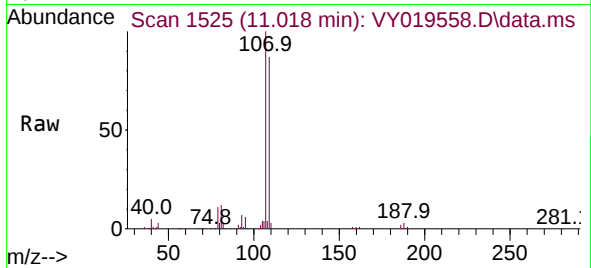




#61
1,2-Dibromoethane
Concen: 19.700 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

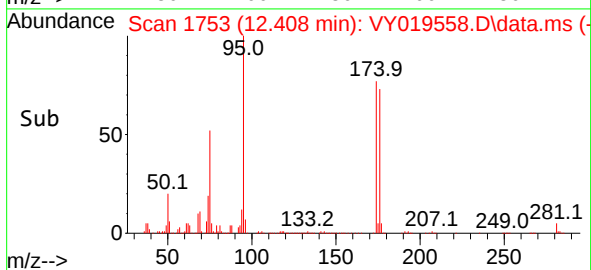
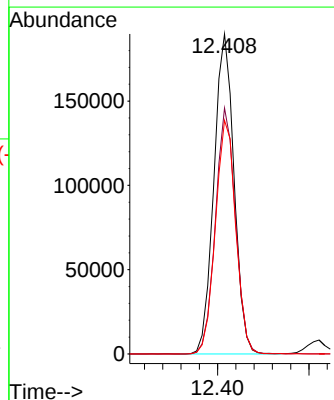
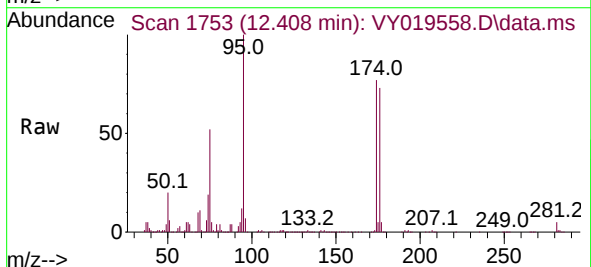
Instrument :
MSVOA_Y
ClientSampleId :

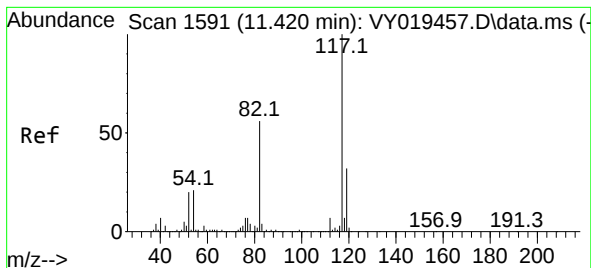
Tgt Ion:107 Resp: 59504
Ion Ratio Lower Upper
107 100
109 92.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.621 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 95 Resp: 289707
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 73.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

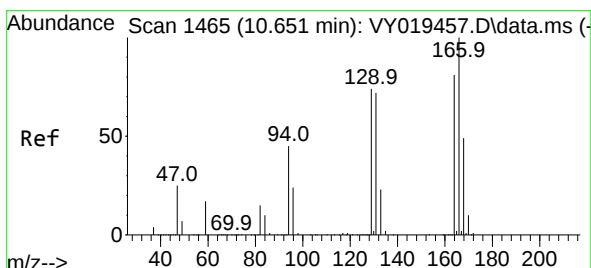
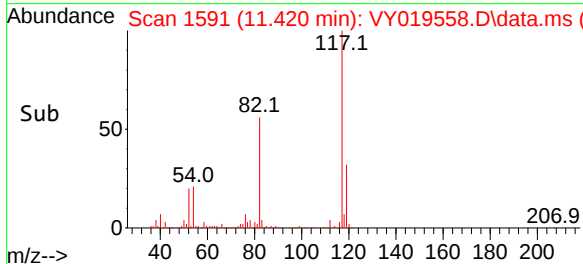
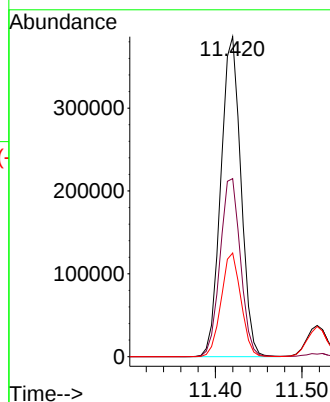
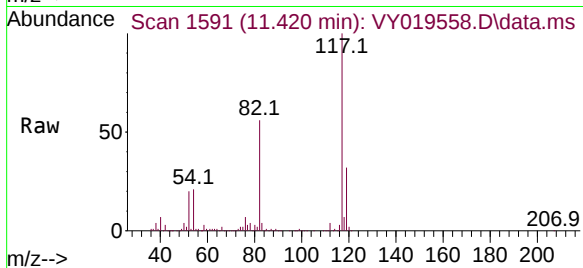
Tgt Ion:117 Resp: 621842

Ion Ratio Lower Upper

117 100

82 55.6 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 20.589 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Tgt Ion:164 Resp: 79285

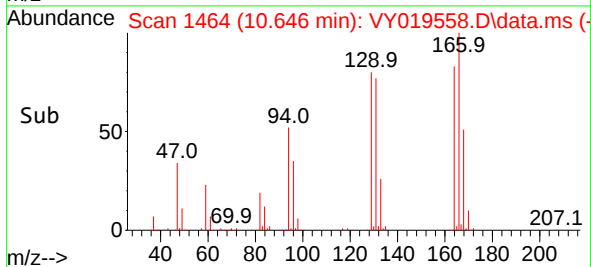
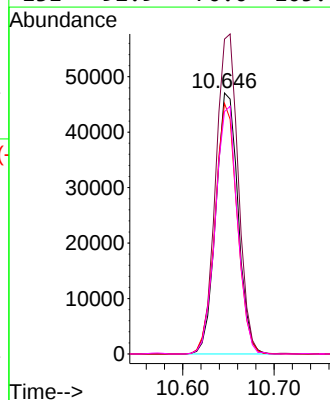
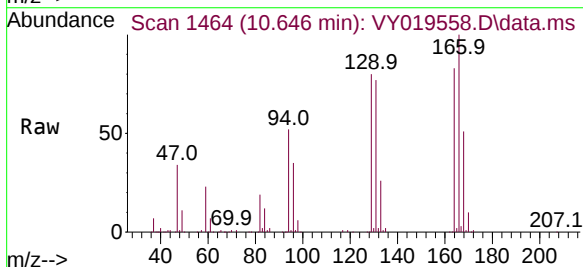
Ion Ratio Lower Upper

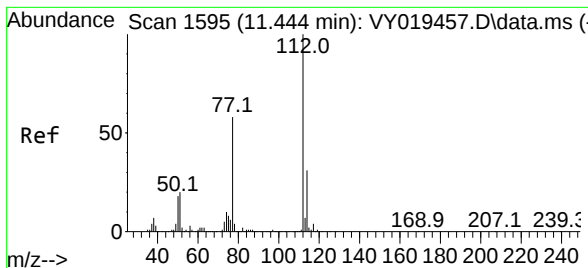
164 100

166 120.7 102.6 154.0

129 96.0 72.0 108.0

131 92.9 70.0 105.0





#65

Chlorobenzene

Concen: 20.811 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

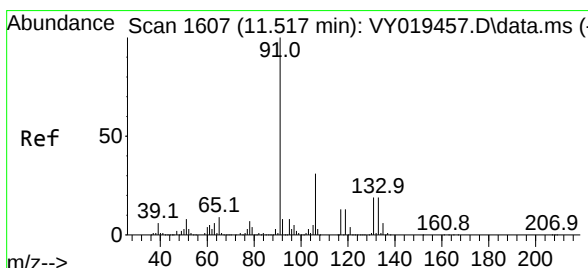
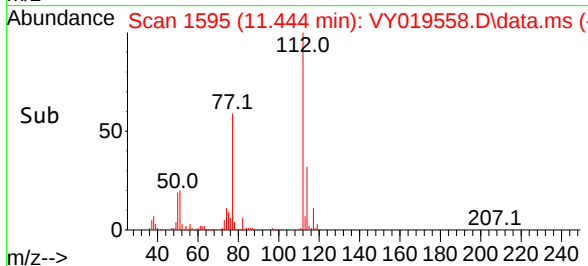
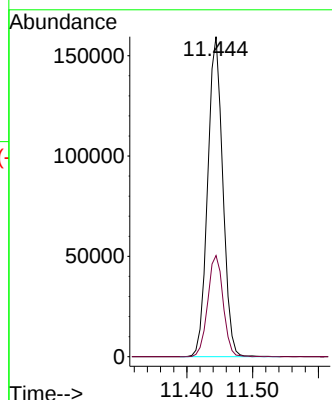
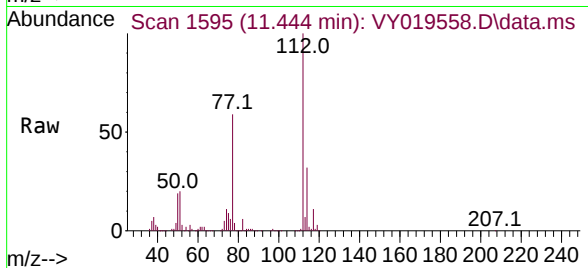
ClientSampleId :

Tgt Ion:112 Resp: 254557

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.974 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

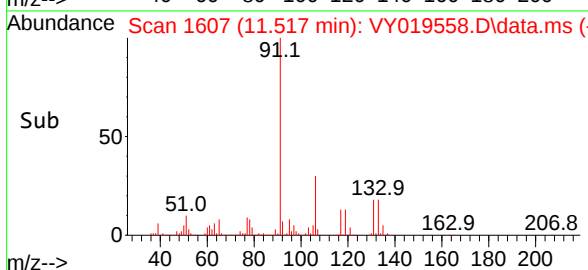
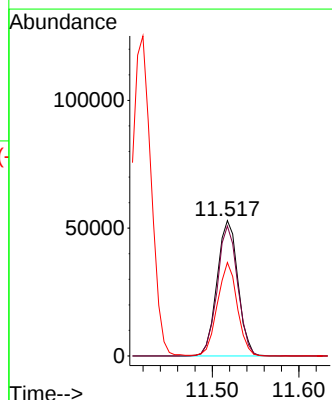
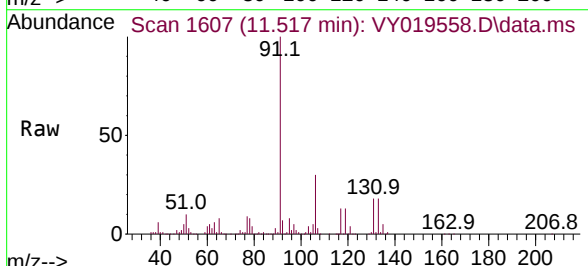
Tgt Ion:131 Resp: 88827

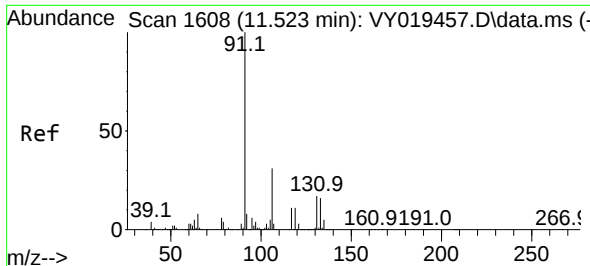
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.3

119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 21.154 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

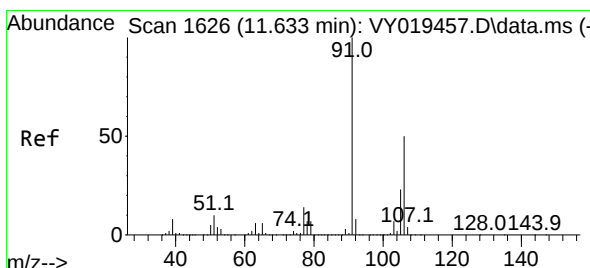
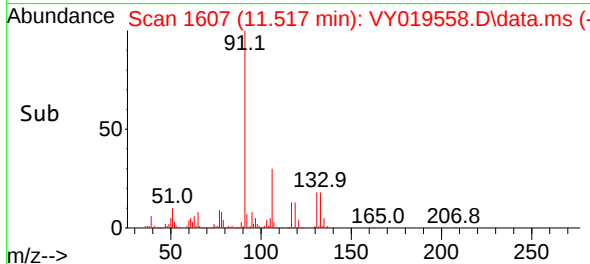
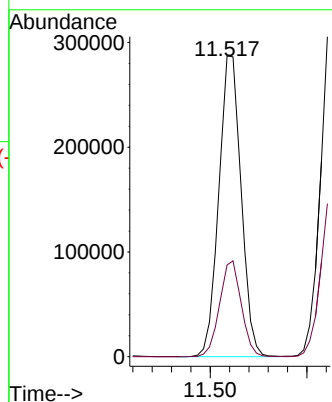
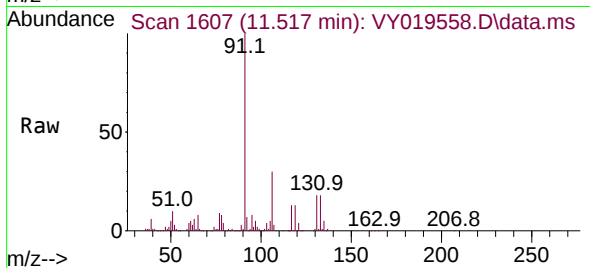
ClientSampleId :

Tgt Ion: 91 Resp: 459771

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 41.925 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019558.D

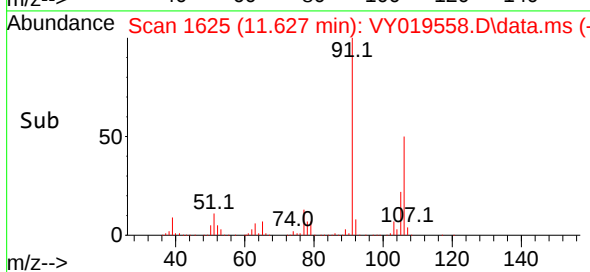
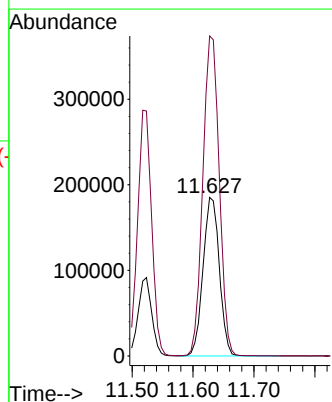
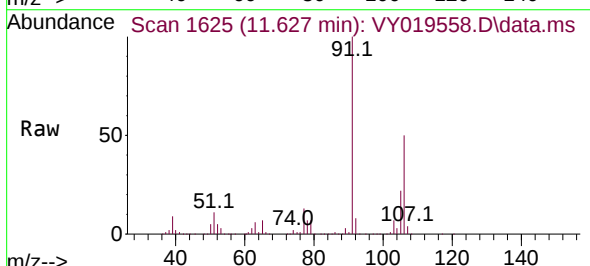
Acq: 16 Sep 2024 11:10

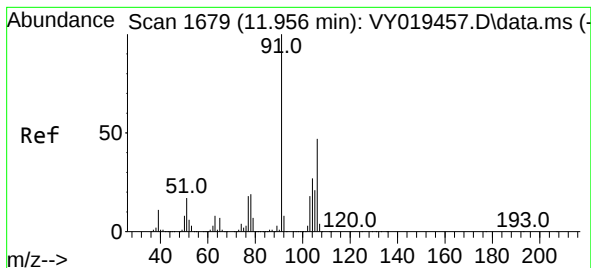
Tgt Ion:106 Resp: 344551

Ion Ratio Lower Upper

106 100

91 203.0 156.0 234.0





#69

o-Xylene

Concen: 20.566 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

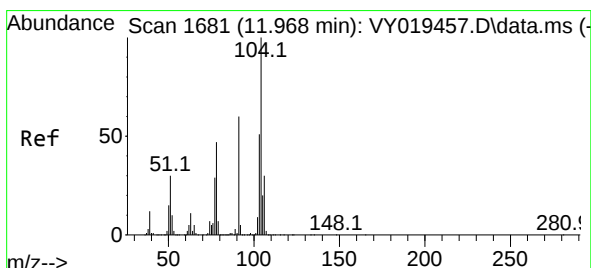
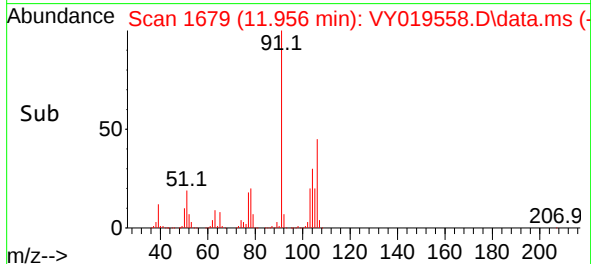
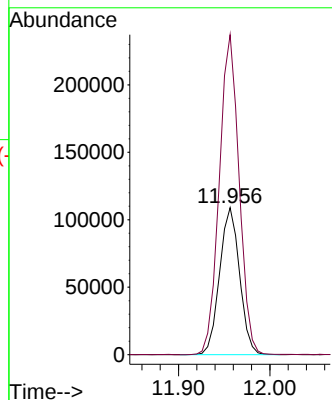
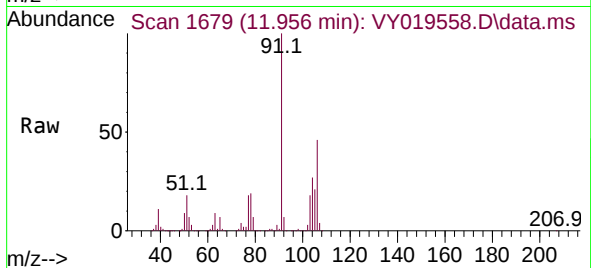
ClientSampleId :

Tgt Ion:106 Resp: 165296

Ion Ratio Lower Upper

106 100

91 216.6 103.6 310.8



#70

Styrene

Concen: 20.580 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

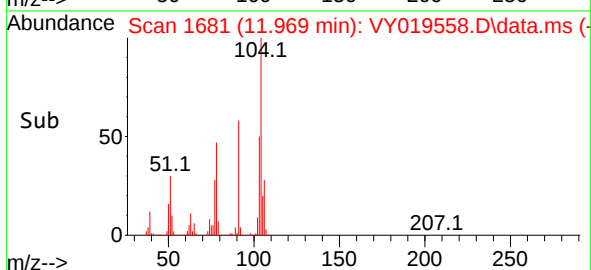
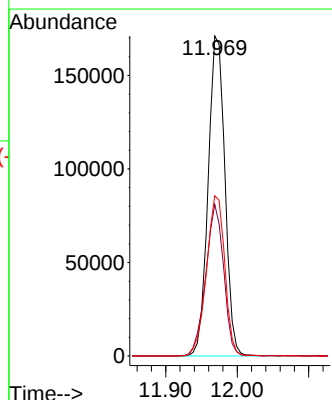
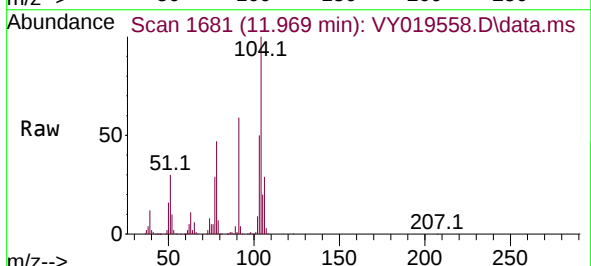
Tgt Ion:104 Resp: 279258

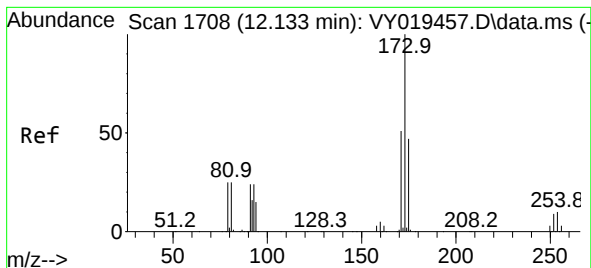
Ion Ratio Lower Upper

104 100

78 50.5 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 19.432 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019558.D

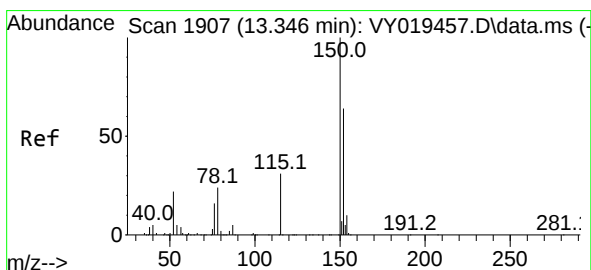
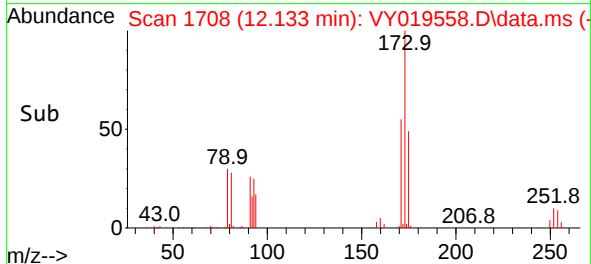
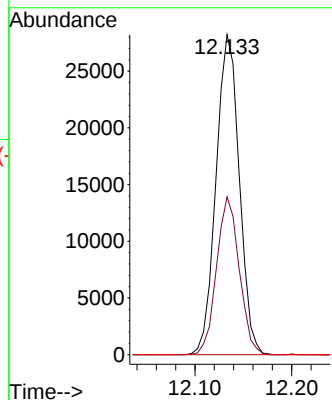
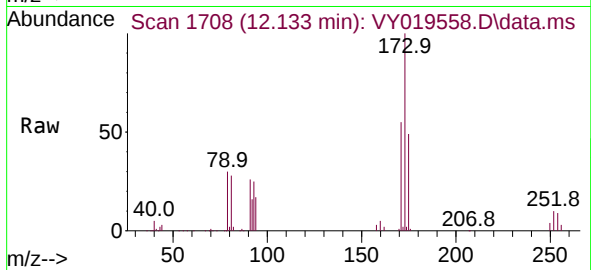
Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	47006
Ion Ratio	Lower	Upper	
173	100		
175	48.1	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

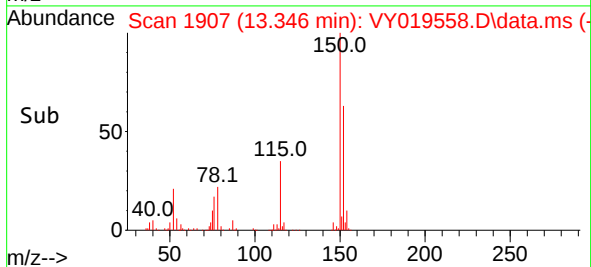
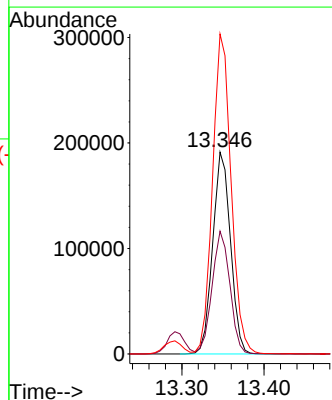
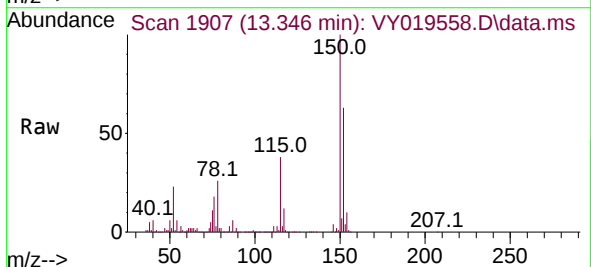
RT: 13.346 min Scan# 1907

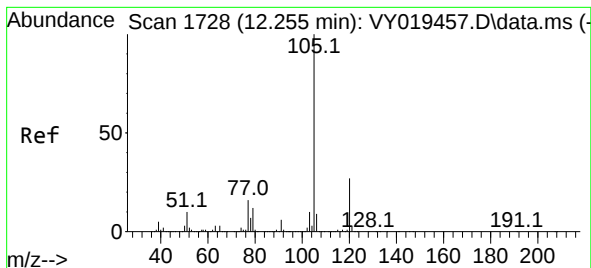
Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Tgt Ion:	152	Resp:	287388
Ion Ratio	Lower	Upper	
152	100		
115	61.0	28.2	84.7
150	165.6	0.0	345.6





#73

Isopropylbenzene

Concen: 21.692 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

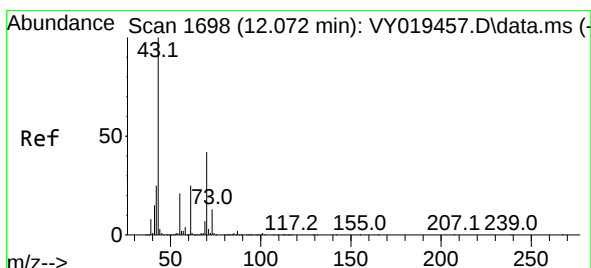
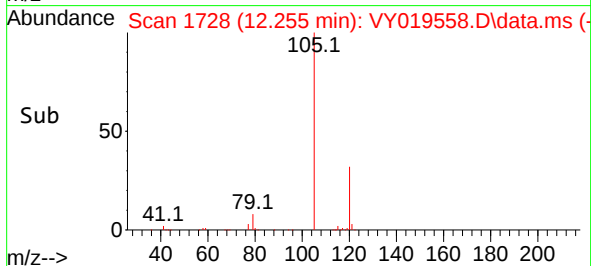
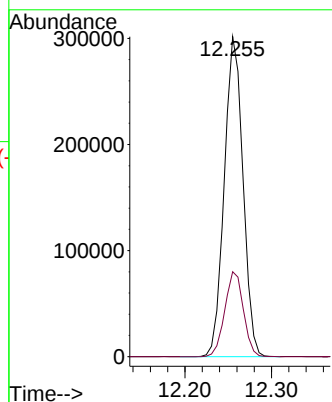
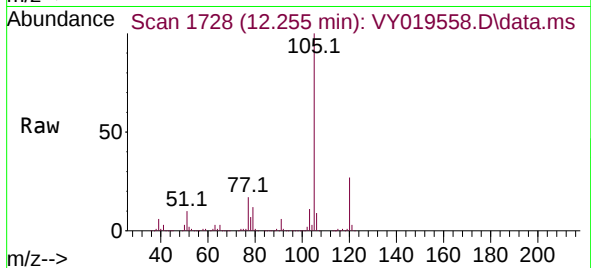
ClientSampleId :

Tgt Ion:105 Resp: 452259

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 18.365 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Tgt Ion: 43 Resp: 104136

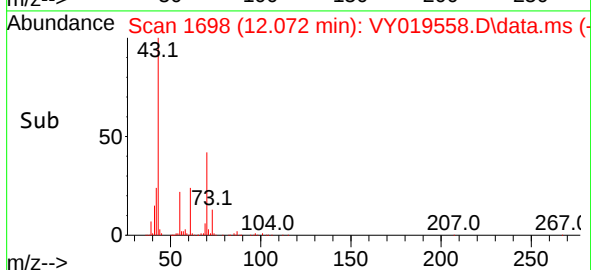
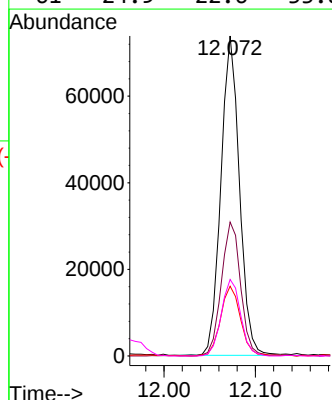
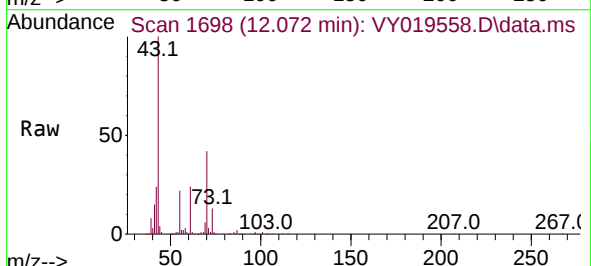
Ion Ratio Lower Upper

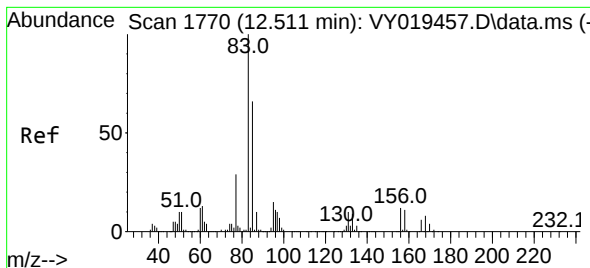
43 100

70 43.7 41.4 62.2

55 23.7 23.3 34.9

61 24.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.694 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

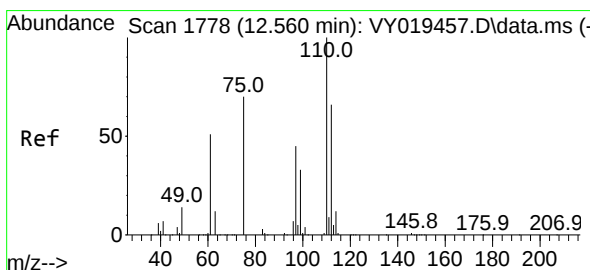
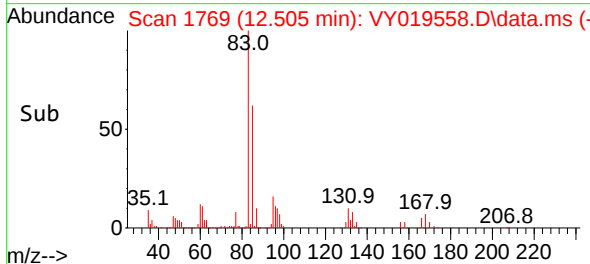
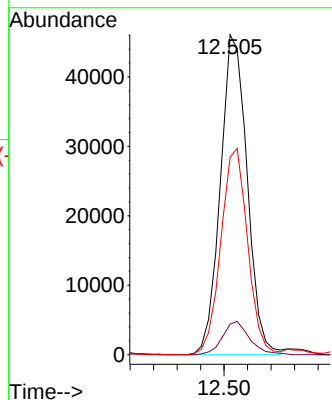
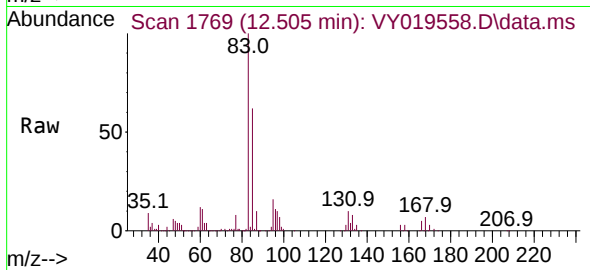
Tgt Ion: 83 Resp: 72881

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.421 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019558.D

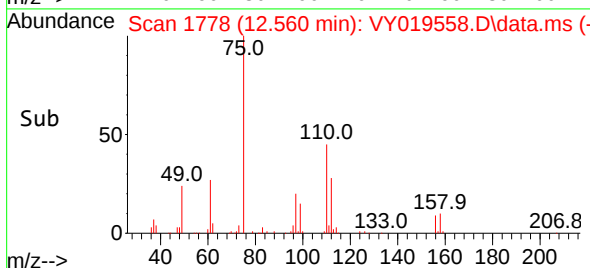
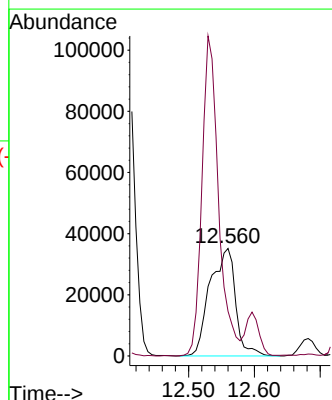
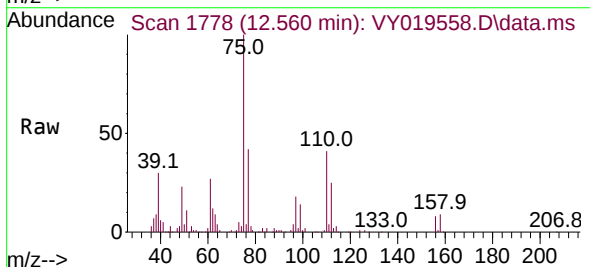
Acq: 16 Sep 2024 11:10

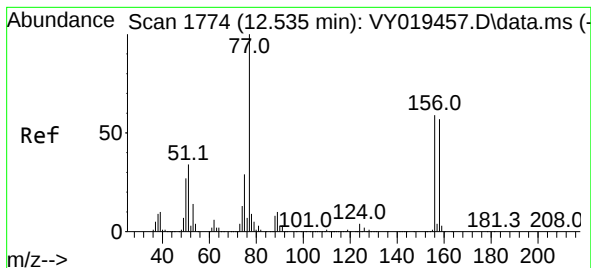
Tgt Ion: 75 Resp: 95413

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.683 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019558.D

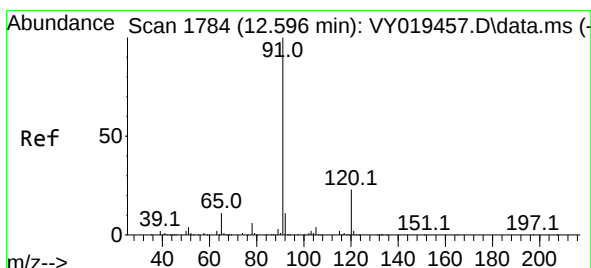
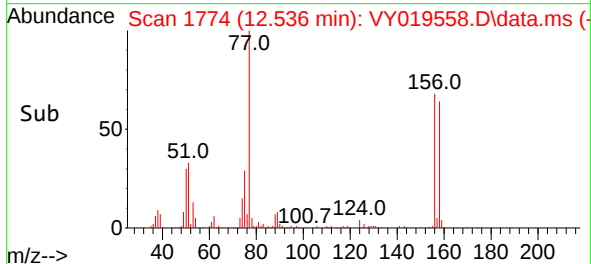
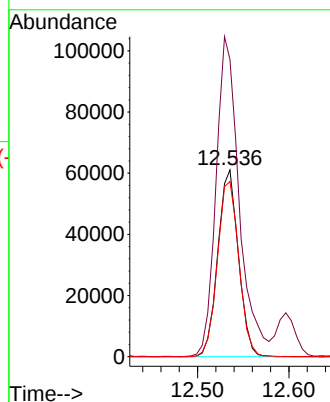
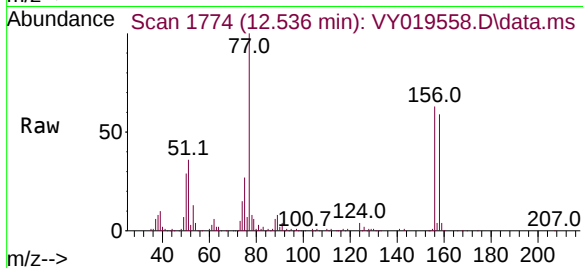
Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	95641
Ion Ratio	Lower	Upper	
156	100		
77	193.3	87.1	261.3
158	98.0	48.6	145.9



#78

n-propylbenzene

Concen: 21.727 ug/l

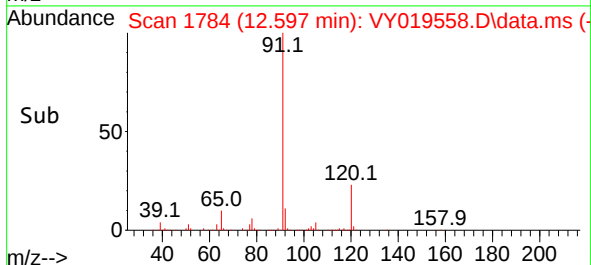
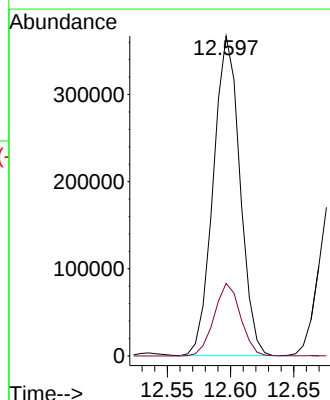
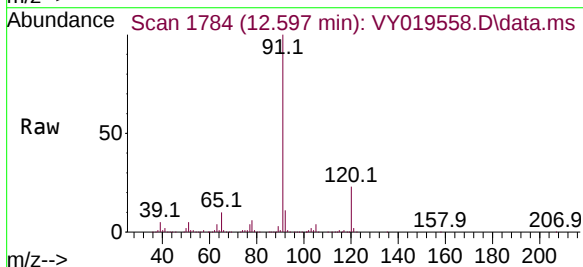
RT: 12.597 min Scan# 1784

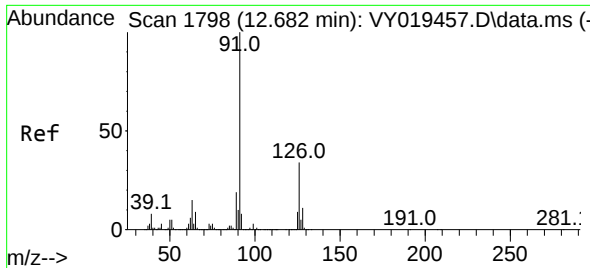
Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Tgt Ion:	91	Resp:	536923
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4

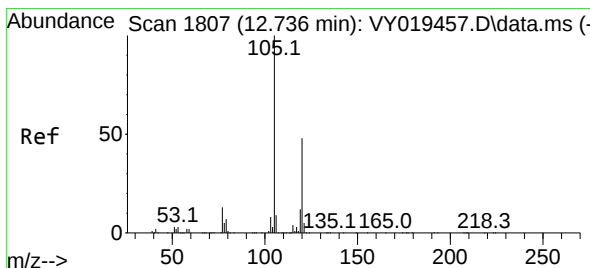
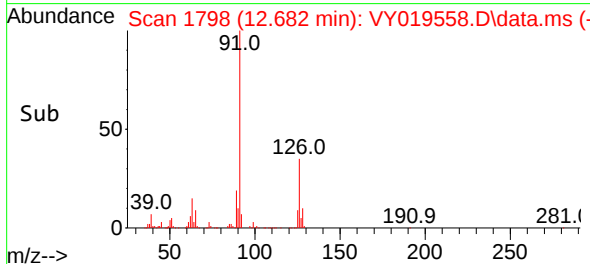
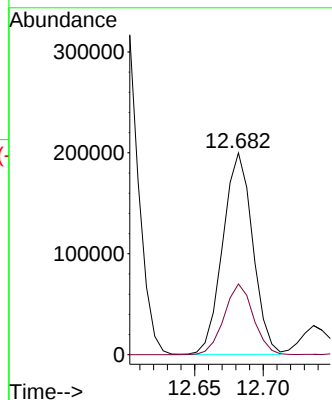
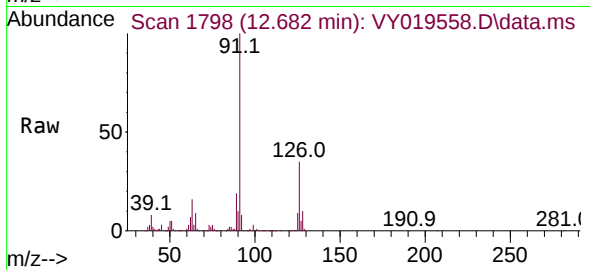




#79
2-Chlorotoluene
Concen: 21.070 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

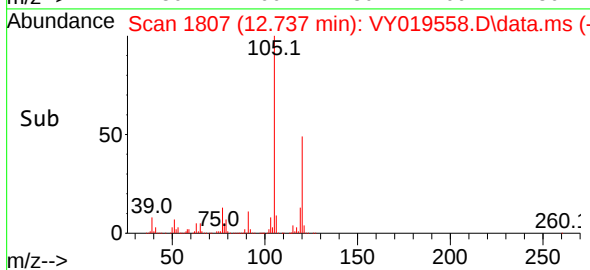
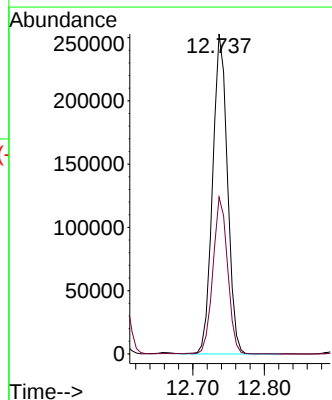
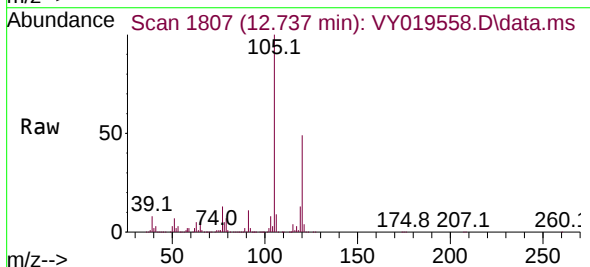
Instrument :
MSVOA_Y
ClientSampleId :

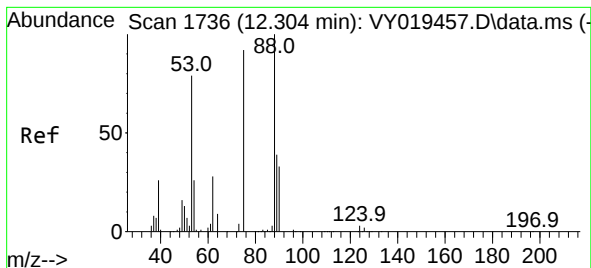
Tgt Ion: 91 Resp: 303436
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.464 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 105 Resp: 363808
Ion Ratio Lower Upper
105 100
120 48.4 25.1 75.2

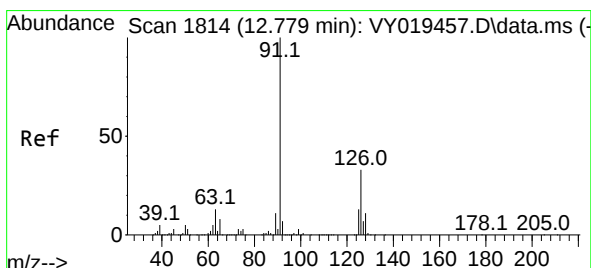
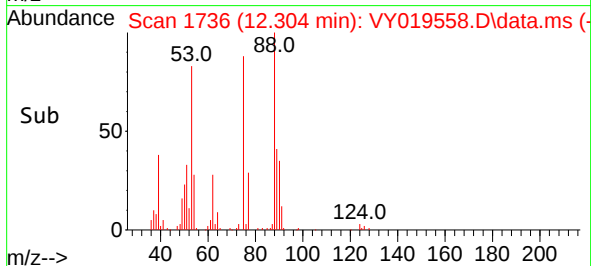
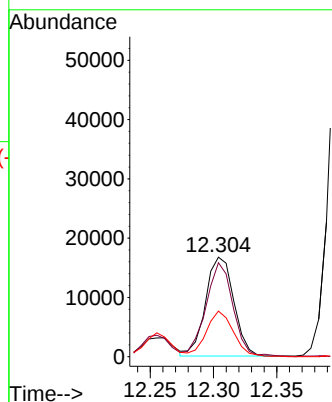
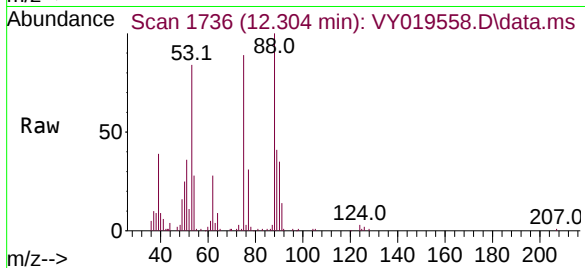




#81
trans-1,4-Dichloro-2-butene
Concen: 18.431 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

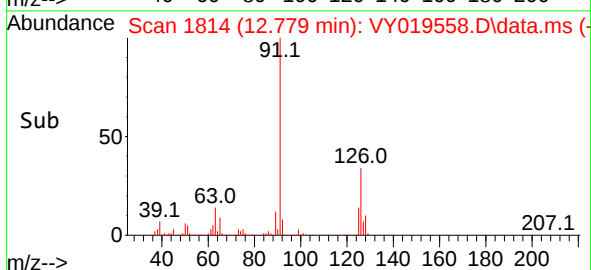
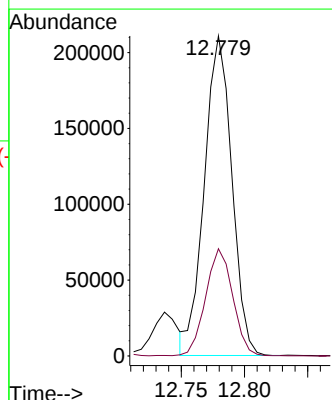
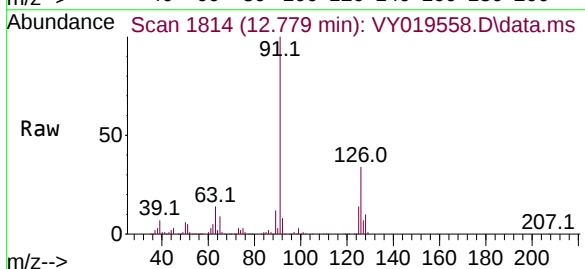
Instrument :
MSVOA_Y
ClientSampleId :

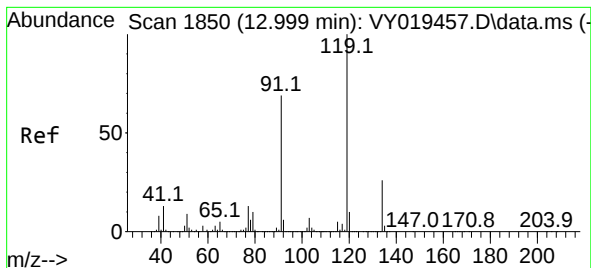
Tgt Ion: 75 Resp: 25862
Ion Ratio Lower Upper
75 100
53 91.9 66.8 100.2
89 44.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.488 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019558.D
Acq: 16 Sep 2024 11:10

Tgt Ion: 91 Resp: 318152
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.984 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

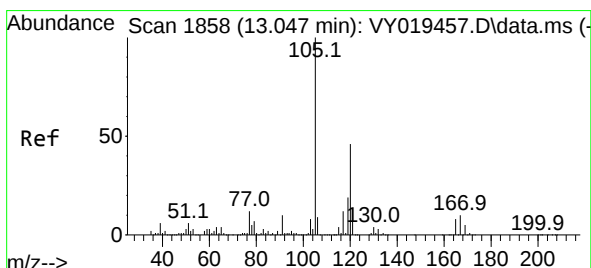
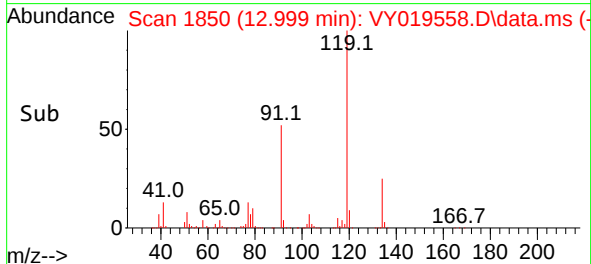
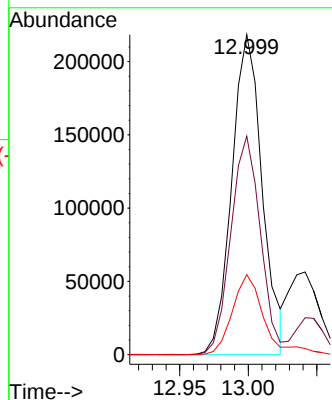
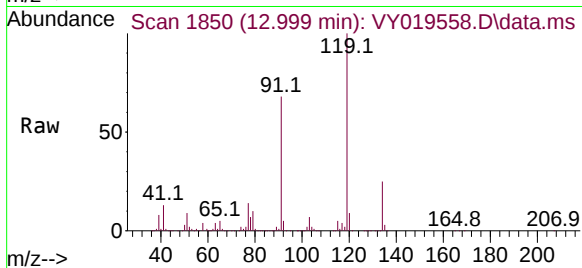
Tgt Ion:119 Resp: 337325

Ion Ratio Lower Upper

119 100

91 66.2 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.515 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019558.D

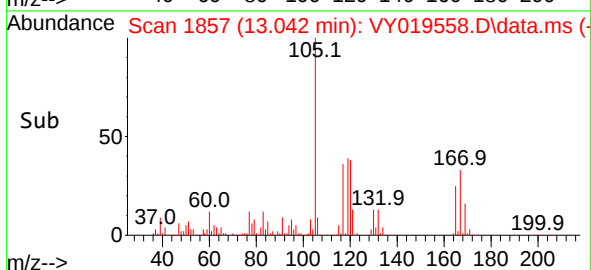
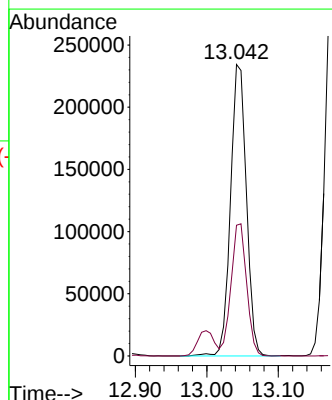
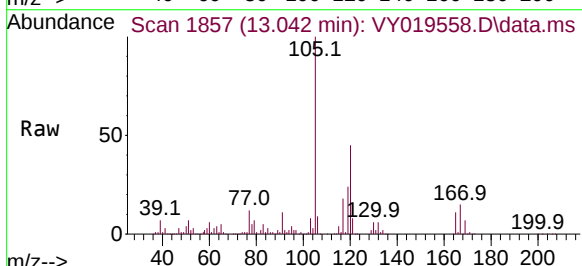
Acq: 16 Sep 2024 11:10

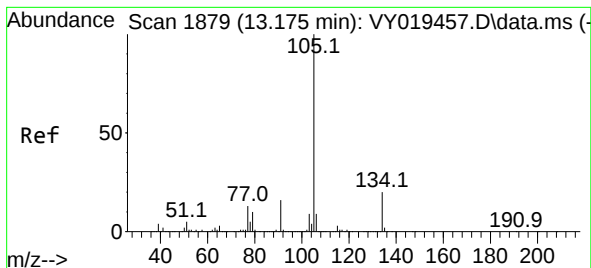
Tgt Ion:105 Resp: 360967

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.032 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

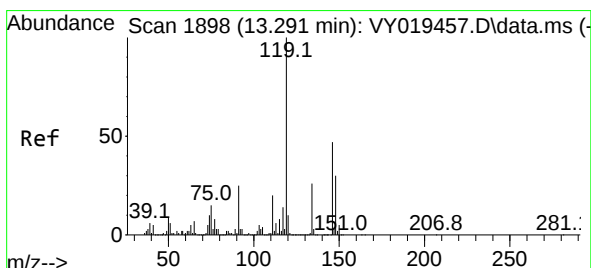
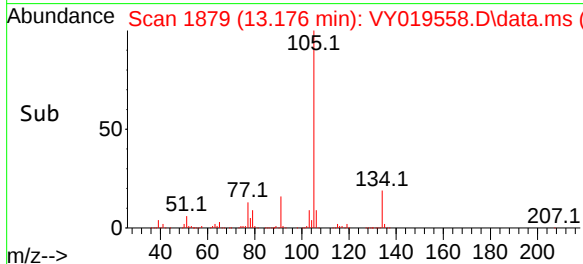
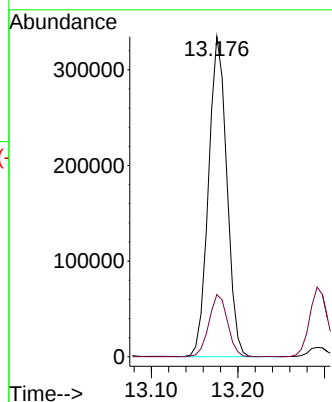
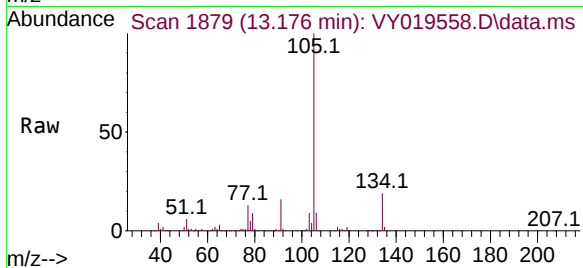
ClientSampleId :

Tgt Ion:105 Resp: 491115

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.066 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

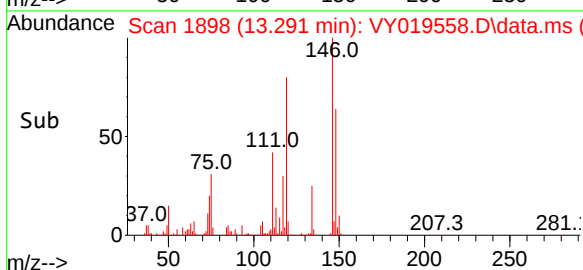
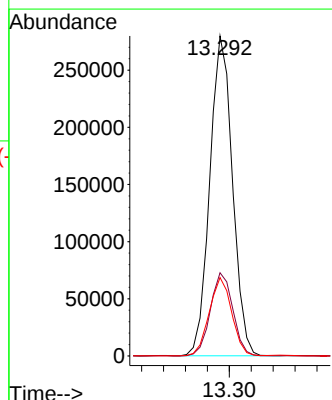
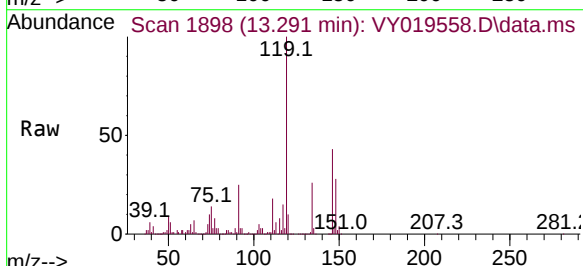
Tgt Ion:119 Resp: 402441

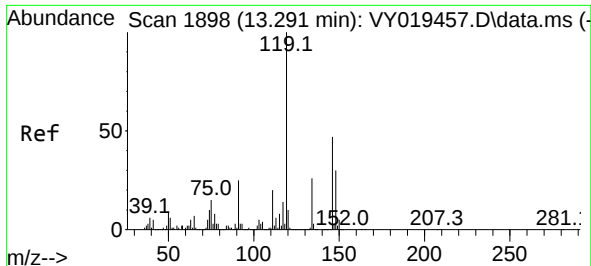
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.351 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

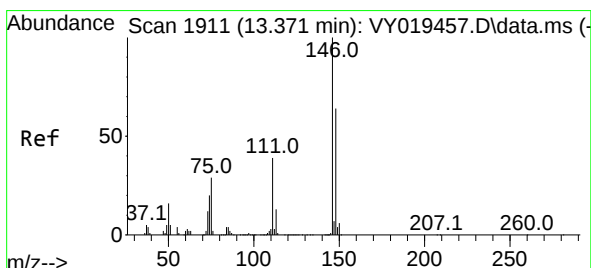
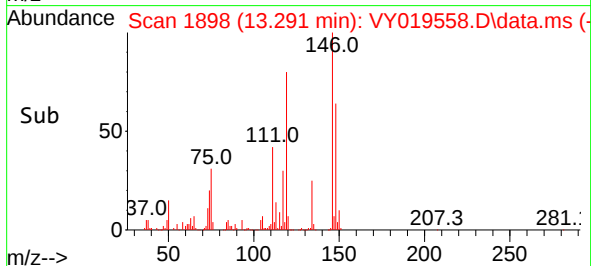
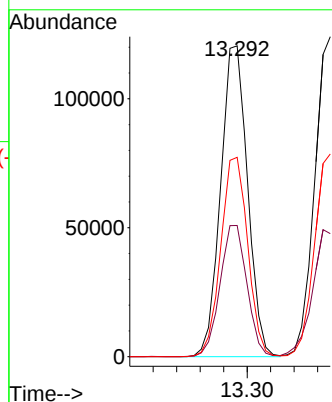
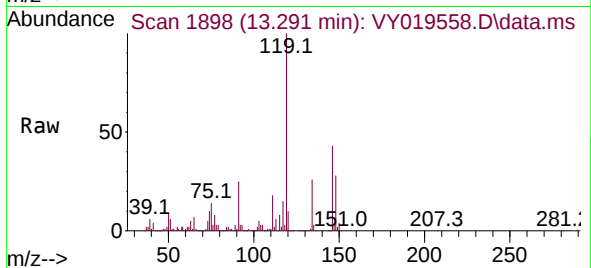
Tgt Ion:146 Resp: 191844

Ion Ratio Lower Upper

146 100

111 42.2 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.443 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

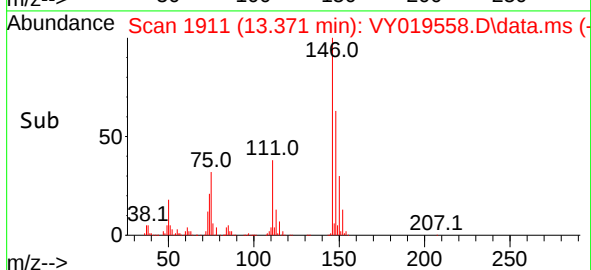
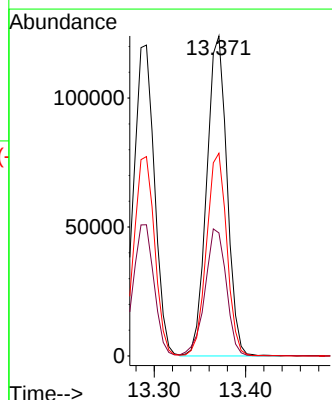
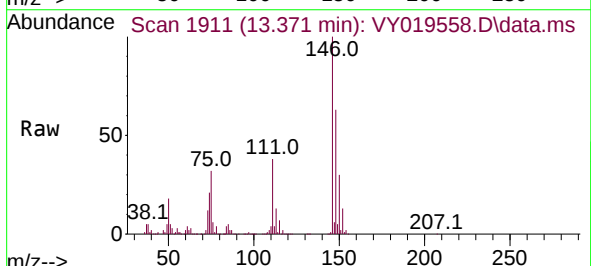
Tgt Ion:146 Resp: 191207

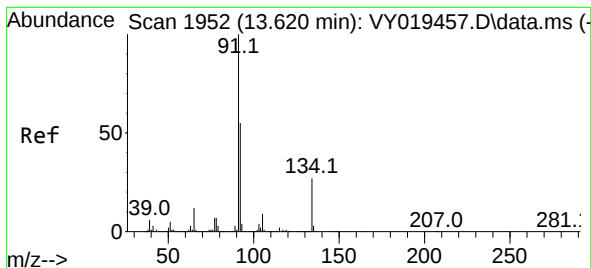
Ion Ratio Lower Upper

146 100

111 41.4 18.4 55.4

148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 21.979 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

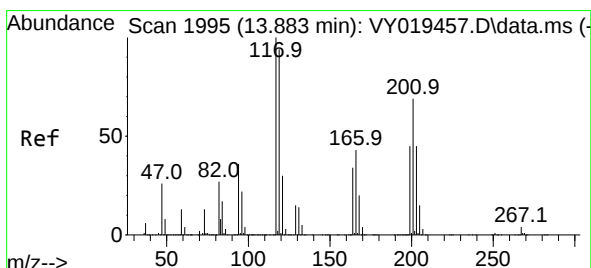
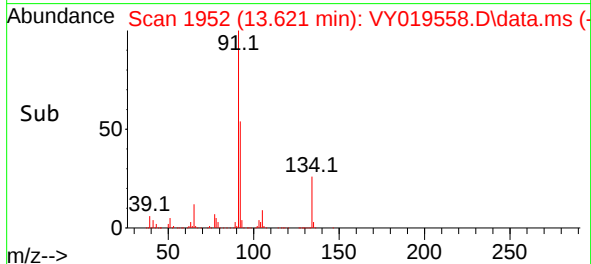
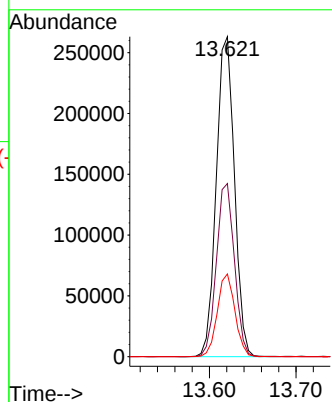
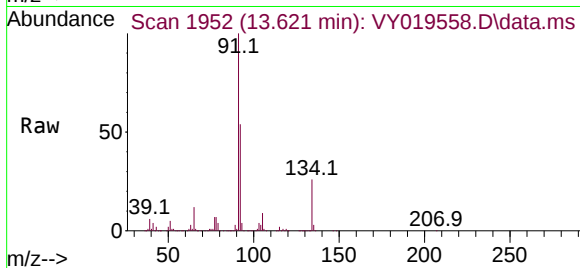
Tgt Ion: 91 Resp: 383201

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 21.333 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019558.D

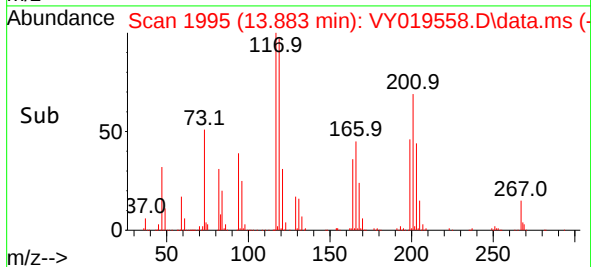
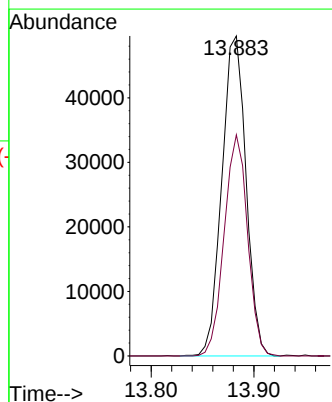
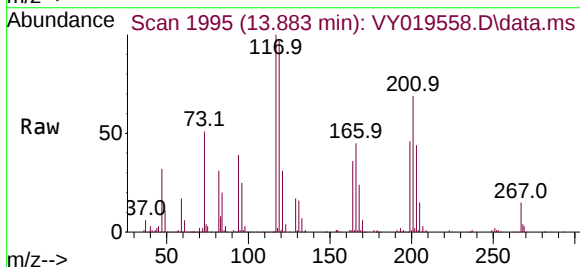
Acq: 16 Sep 2024 11:10

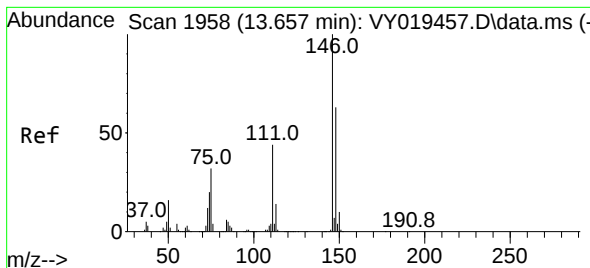
Tgt Ion: 117 Resp: 80954

Ion Ratio Lower Upper

117 100

201 66.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.096 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

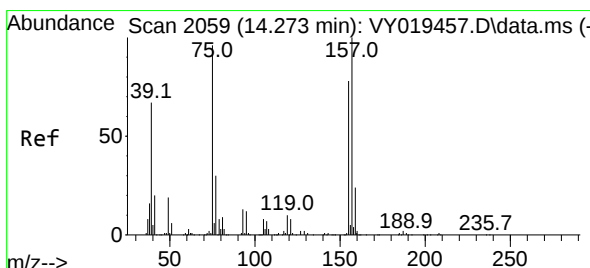
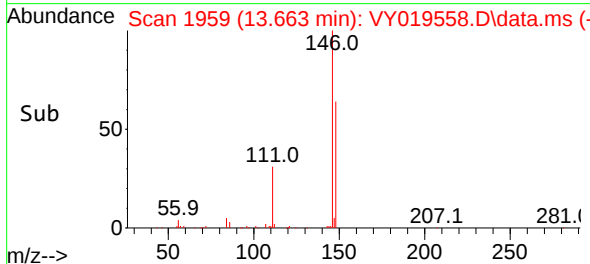
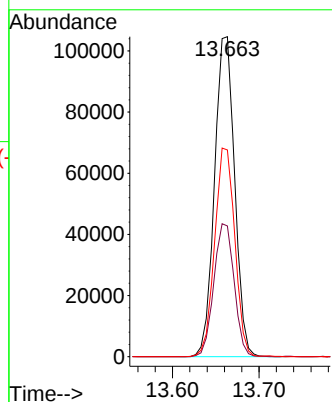
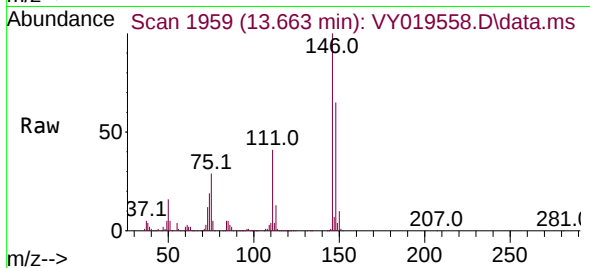
Tgt Ion:146 Resp: 169147

Ion Ratio Lower Upper

146 100

111 41.8 19.9 59.7

148 65.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.072 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

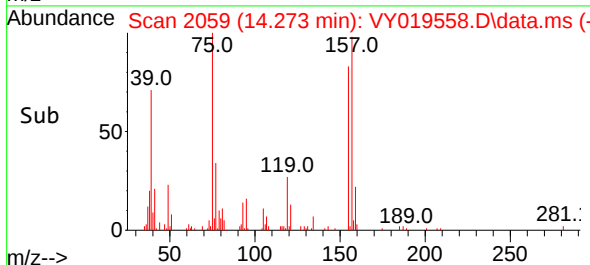
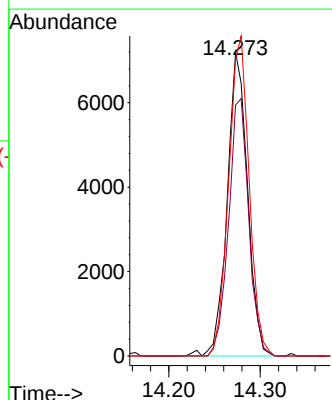
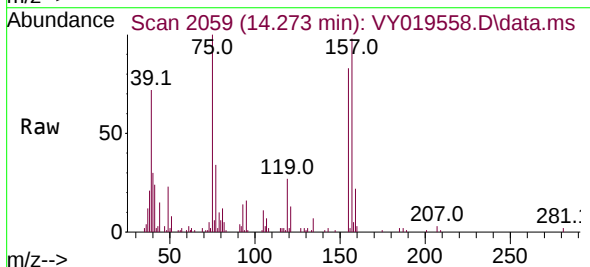
Tgt Ion: 75 Resp: 11146

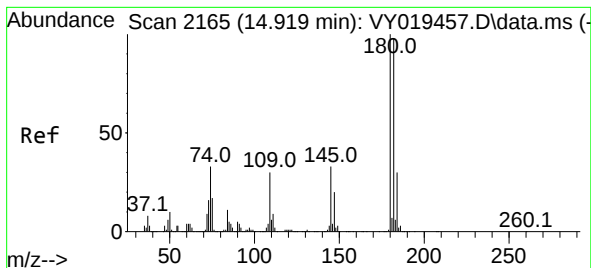
Ion Ratio Lower Upper

75 100

155 83.7 48.6 145.8

157 105.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.837 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

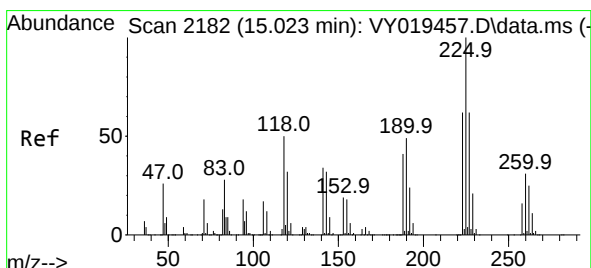
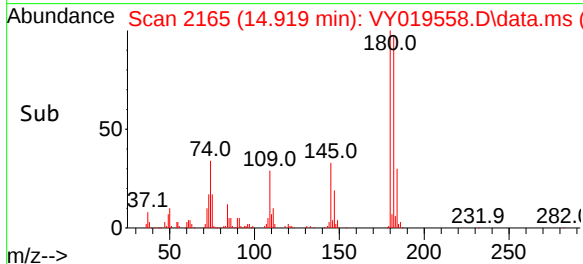
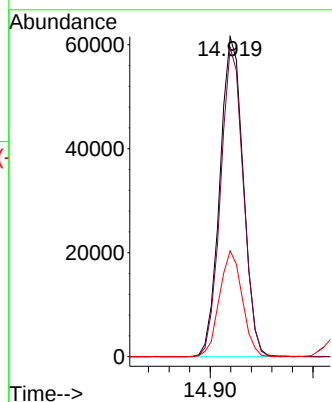
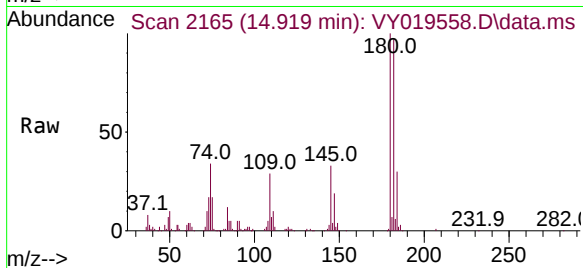
Tgt Ion:180 Resp: 96739

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.604 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

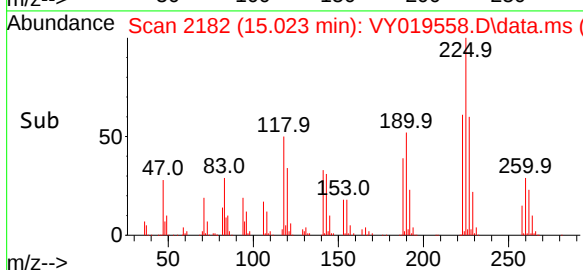
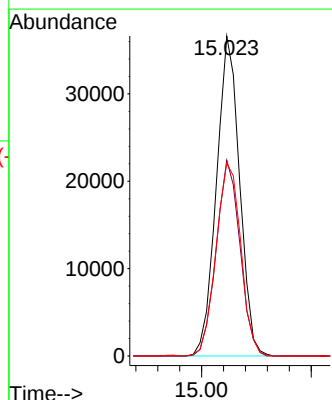
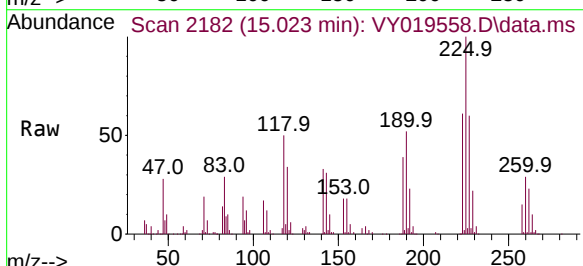
Tgt Ion:225 Resp: 53678

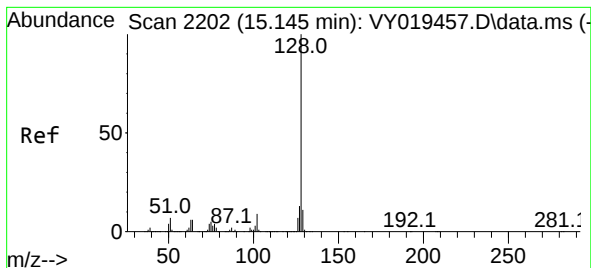
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 18.076 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

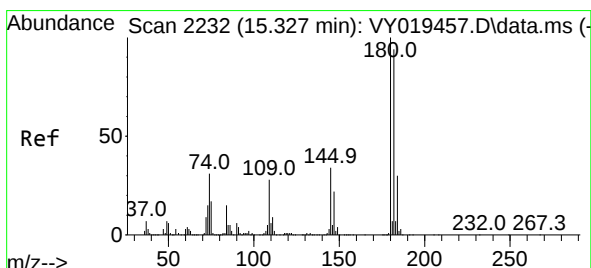
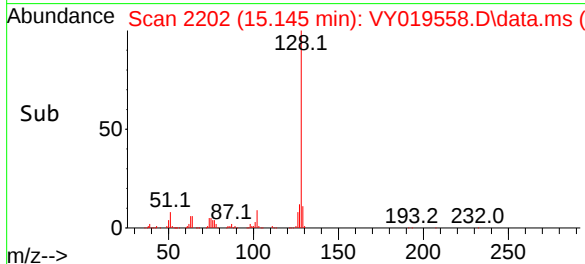
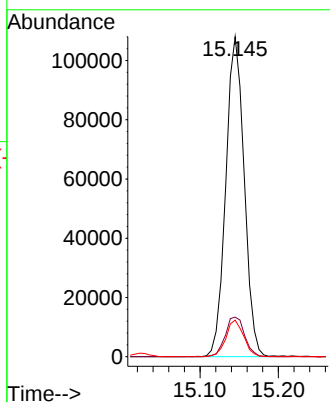
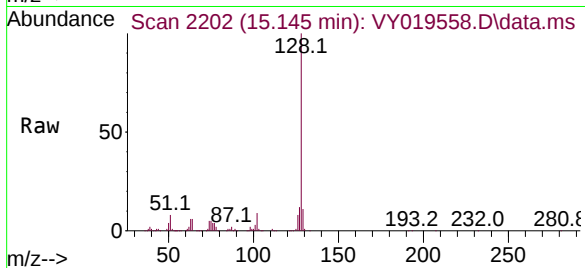
Tgt Ion:128 Resp: 176524

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.209 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019558.D

Acq: 16 Sep 2024 11:10

Tgt Ion:180 Resp: 80125

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 33.7 15.4 46.1

