

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019134.D
 Acq On : 19 Aug 2024 23:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:52:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	124030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	205707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	177389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	93757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	60002	48.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.628	113	62874	46.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.500%
50) Toluene-d8	10.103	98	224148	46.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.408	95	76617	46.433	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	37279	40.966	ug/l	98
3) Chloromethane	2.068	50	71094	43.344	ug/l	99
4) Vinyl Chloride	2.202	62	91987	45.402	ug/l	96
5) Bromomethane	2.586	94	65633	53.465	ug/l	98
6) Chloroethane	2.727	64	59918	46.157	ug/l	97
7) Trichlorofluoromethane	3.044	101	126604	41.332	ug/l	99
8) Diethyl Ether	3.452	74	30052	45.453	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.806	101	55477	40.739	ug/l	95
10) Methyl Iodide	3.995	142	64665	48.446	ug/l	93
11) Tert butyl alcohol	4.848	59	22462	204.472	ug/l	99
12) 1,1-Dichloroethene	3.781	96	56981	46.056	ug/l	98
13) Acrolein	3.641	56	19014	199.658	ug/l	99
14) Allyl chloride	4.373	41	76072	46.247	ug/l	94
15) Acrylonitrile	5.043	53	64608	238.816	ug/l	98
16) Acetone	3.860	43	46026	199.614	ug/l	89
17) Carbon Disulfide	4.098	76	158683	45.473	ug/l	98
18) Methyl Acetate	4.373	43	39046	55.176	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	143733	47.919	ug/l	93
20) Methylene Chloride	4.604	84	72911	51.152	ug/l	97
21) trans-1,2-Dichloroethene	5.098	96	64924	46.971	ug/l	99
22) Diisopropyl ether	6.006	45	179286	47.611	ug/l	92
23) Vinyl Acetate	5.952	43	669020	224.407	ug/l	98
24) 1,1-Dichloroethane	5.903	63	105207	45.685	ug/l	98
25) 2-Butanone	6.878	43	80618	217.104	ug/l #	88
26) 2,2-Dichloropropane	6.872	77	77419	41.516	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	77323	47.535	ug/l	99
28) Bromochloromethane	7.232	49	48709	50.423	ug/l	100
29) Tetrahydrofuran	7.250	42	55807	233.793	ug/l	92
30) Chloroform	7.409	83	121074	47.183	ug/l	97
31) Cyclohexane	7.689	56	82358	45.963	ug/l	97
32) 1,1,1-Trichloroethane	7.604	97	108102	47.937	ug/l	98
36) 1,1-Dichloropropene	7.823	75	82276	44.546	ug/l	99
37) Ethyl Acetate	6.976	43	36963	45.171	ug/l	96
38) Carbon Tetrachloride	7.805	117	95768	44.742	ug/l	98
39) Methylcyclohexane	9.103	83	98196	41.430	ug/l	97
40) Benzene	8.073	78	262274	46.301	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	29193	65.362	ug/l #	25
42) 1,2-Dichloroethane	8.146	62	69958	45.734	ug/l	98
43) Isopropyl Acetate	8.189	43	72192	43.623	ug/l #	82
44) Trichloroethene	8.853	130	69743	44.125	ug/l	97
45) 1,2-Dichloropropane	9.134	63	57703	45.721	ug/l	96
46) Dibromomethane	9.225	93	38207	46.675	ug/l	100
47) Bromodichloromethane	9.420	83	92739	46.178	ug/l	98
48) Methyl methacrylate	9.213	41	34419	46.667	ug/l	88
49) 1,4-Dioxane	9.219	88	8734	880.800	ug/l #	98
51) 4-Methyl-2-Pentanone	9.994	43	195850	222.971	ug/l	94
52) Toluene	10.164	92	172887	46.496	ug/l	94
53) t-1,3-Dichloropropene	10.390	75	73817	44.309	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	89413	44.628	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	49072	46.567	ug/l	96
56) Ethyl methacrylate	10.439	69	62987	45.665	ug/l #	87
57) 1,3-Dichloropropane	10.713	76	77349	45.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	161752	247.198	ug/l	95
59) 2-Hexanone	10.762	43	130463	216.194	ug/l	94
60) Dibromochloromethane	10.908	129	65794	45.841	ug/l	100
61) 1,2-Dibromoethane	11.012	107	46492	45.647	ug/l	100
64) Tetrachloroethene	10.646	164	73985	47.716	ug/l	97
65) Chlorobenzene	11.438	112	189669	46.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	66833	46.528	ug/l	98
67) Ethyl Benzene	11.518	91	328925	46.396	ug/l	98
68) m/p-Xylenes	11.627	106	261839	93.080	ug/l	99
69) o-Xylene	11.957	106	125910	48.334	ug/l	96
70) Styrene	11.969	104	214353	48.253	ug/l	98
71) Bromoform	12.133	173	39555	48.172	ug/l #	97
73) Isopropylbenzene	12.255	105	318970	44.388	ug/l	98
74) N-amyl acetate	12.072	43	64895	41.414	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	54406	42.527	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	66904	72.359	ug/l #	100
77) Bromobenzene	12.530	156	76544	44.353	ug/l	97
78) n-propylbenzene	12.597	91	374321	43.574	ug/l	98
79) 2-Chlorotoluene	12.682	91	214177	44.471	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	262391	44.822	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	15396	41.123	ug/l	92
82) 4-Chlorotoluene	12.780	91	223339	44.573	ug/l	99
83) tert-Butylbenzene	12.999	119	238621	44.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	262175	44.935	ug/l	100
85) sec-Butylbenzene	13.176	105	344790	43.765	ug/l	99
86) p-Isopropyltoluene	13.292	119	295588	45.678	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	151474	44.506	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	149478	44.183	ug/l	99
89) n-Butylbenzene	13.621	91	258844	43.873	ug/l	99
90) Hexachloroethane	13.883	117	57969	45.449	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	136051	45.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8549	45.425	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	74059	43.872	ug/l	98
94) Hexachlorobutadiene	15.023	225	39290	44.685	ug/l	95
95) Naphthalene	15.145	128	137408	45.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65043	45.684	ug/l	99

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QLast Update : Fri Aug 16 05:10:30 2024
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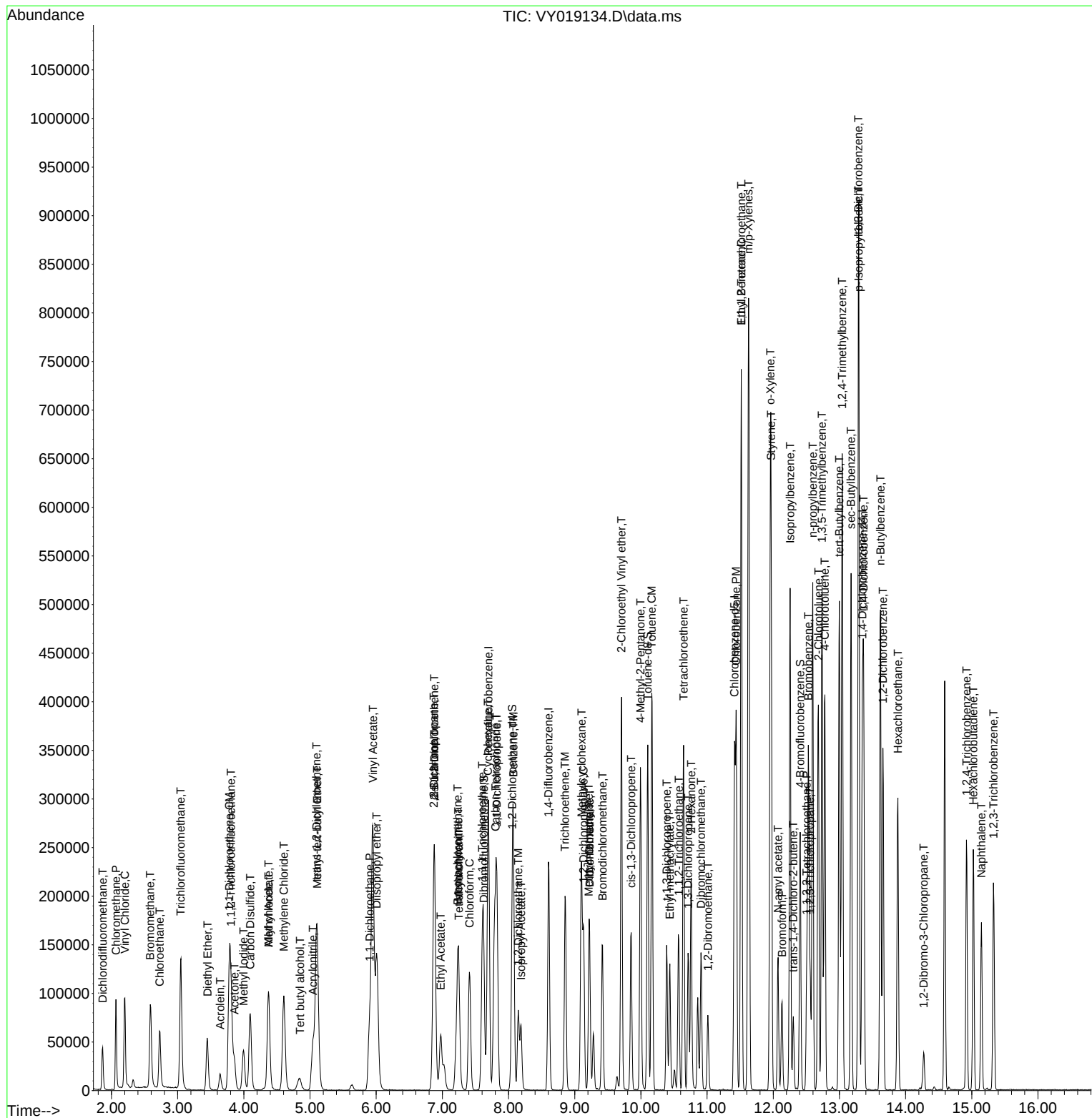
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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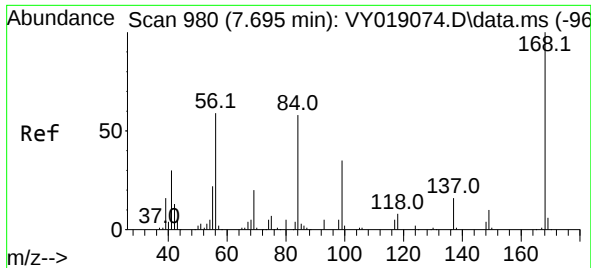
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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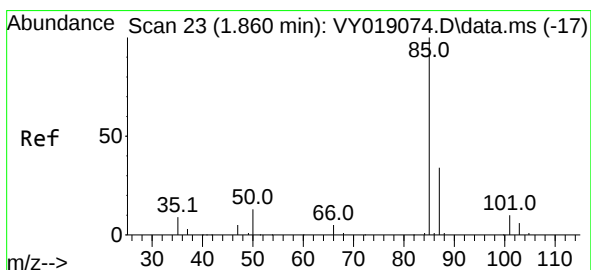
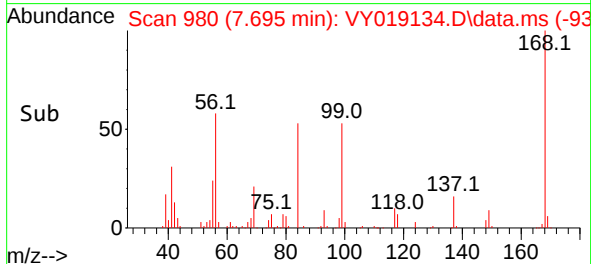
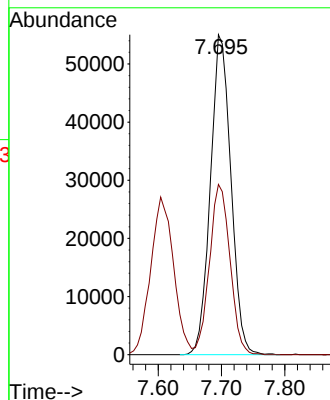
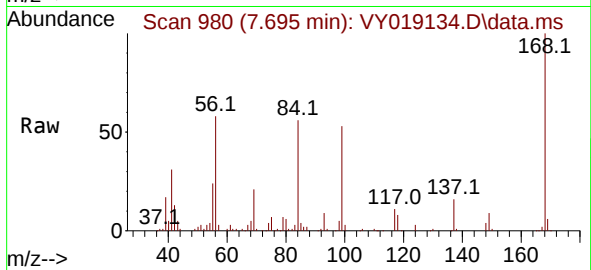




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019134.D
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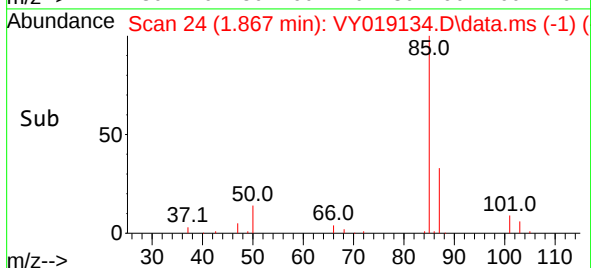
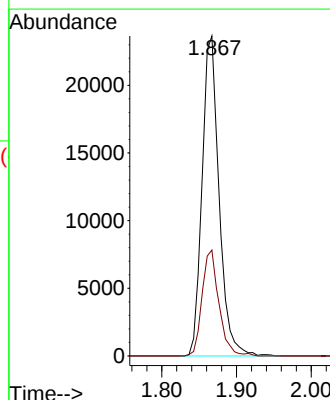
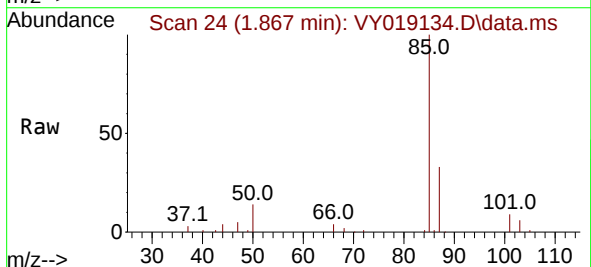
Instrument :
MSVOA_Y
ClientSampleId :

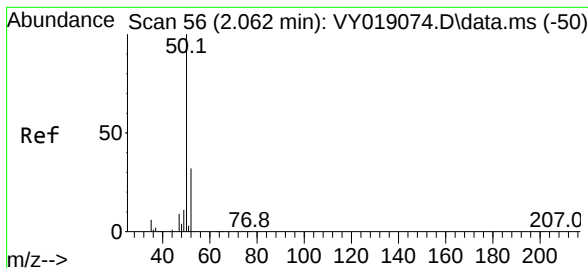
Tgt Ion:168 Resp: 124030
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 40.966 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

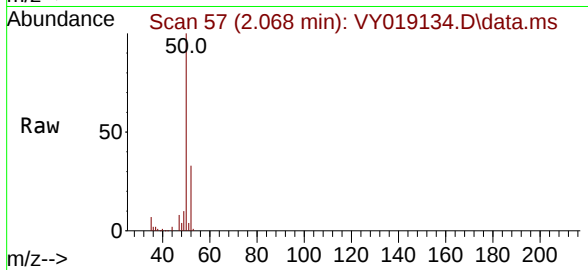
Tgt Ion: 85 Resp: 37279
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0



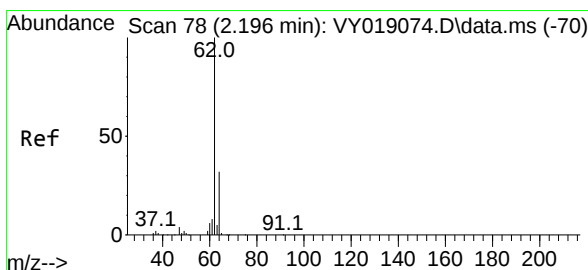
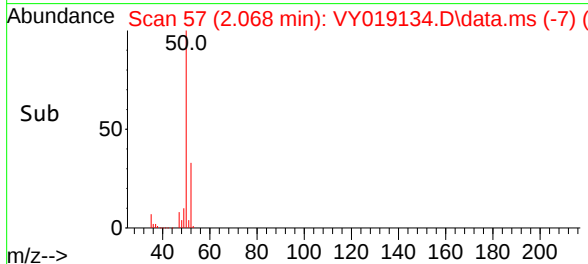
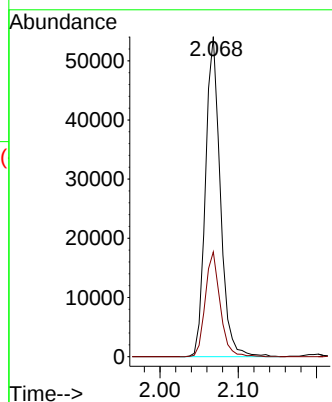


#3
Chloromethane
Concen: 43.344 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Instrument :
MSVOA_Y
ClientSampleId :

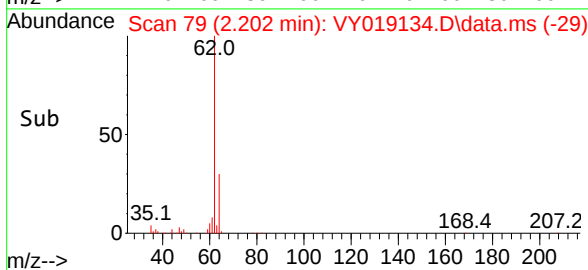
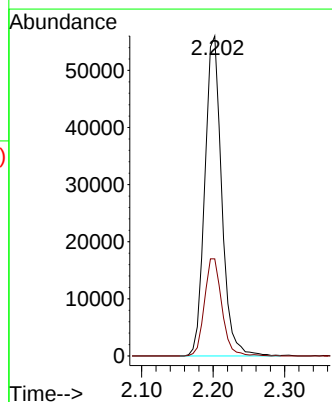
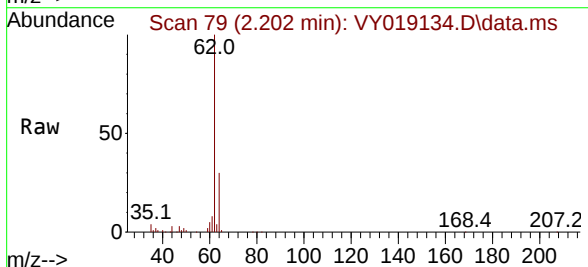


Tgt Ion: 50 Resp: 71094
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 45.402 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 62 Resp: 91987
Ion Ratio Lower Upper
62 100
64 30.4 26.1 39.1

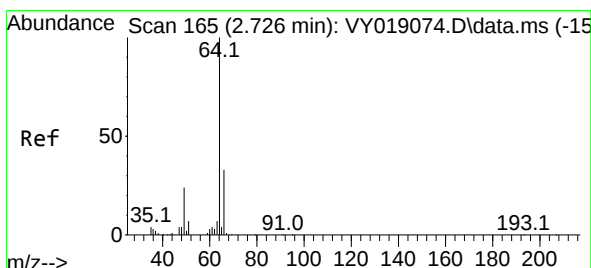
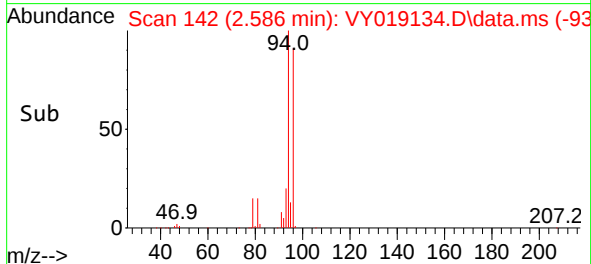
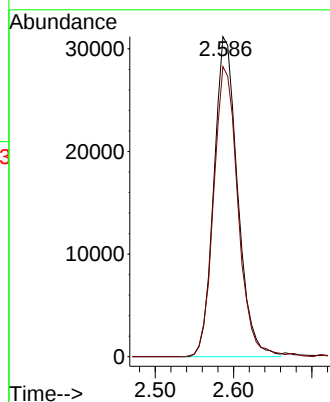
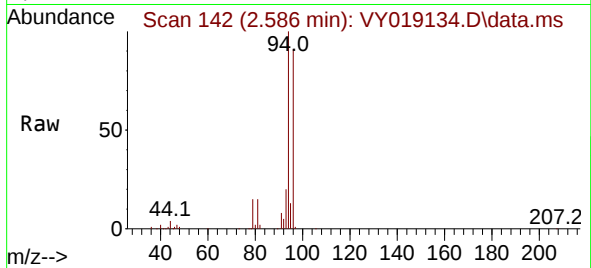




#5
Bromomethane
Concen: 53.465 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

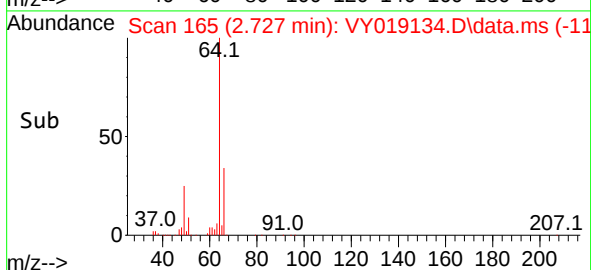
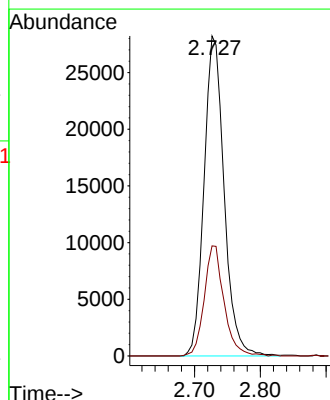
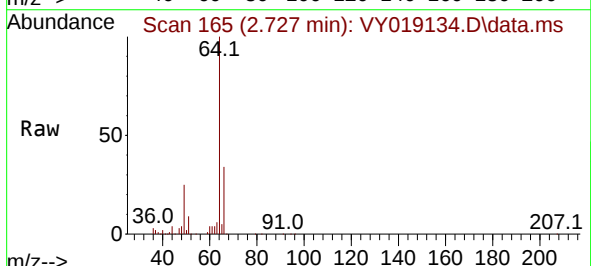
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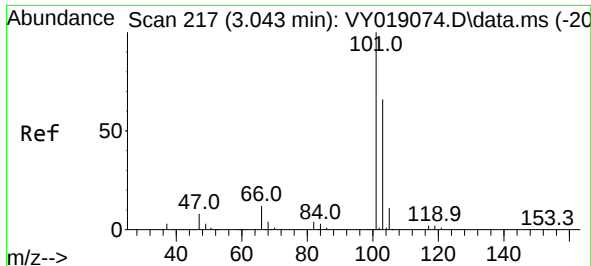
Tgt Ion: 94 Resp: 65633
Ion Ratio Lower Upper
94 100
96 90.6 74.1 111.1



#6
Chloroethane
Concen: 46.157 ug/l
RT: 2.727 min Scan# 165
Delta R.T. 0.001 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 64 Resp: 59918
Ion Ratio Lower Upper
64 100
66 34.4 26.1 39.1

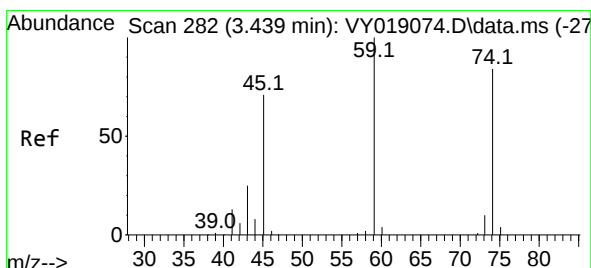
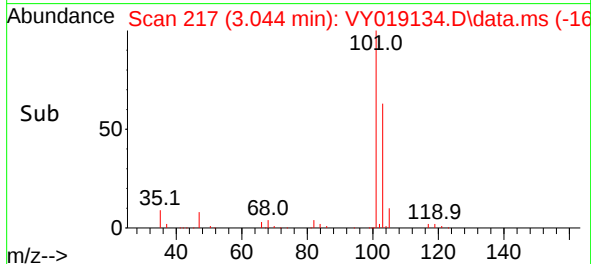
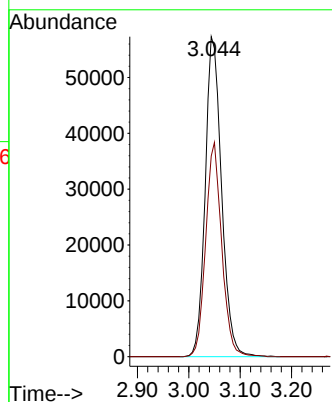
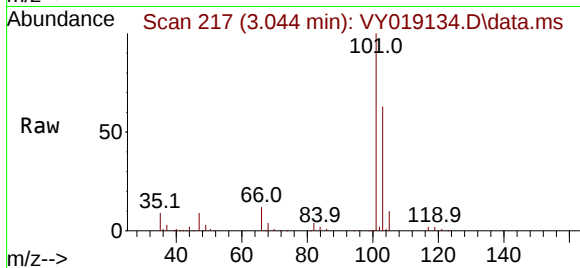




#7
Trichlorofluoromethane
Concen: 41.332 ug/l
RT: 3.044 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

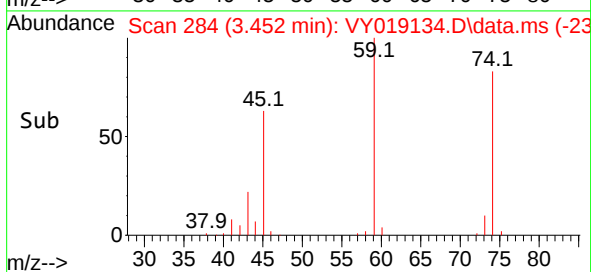
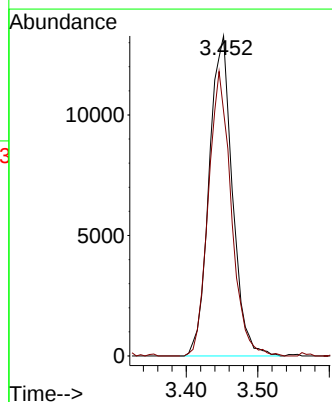
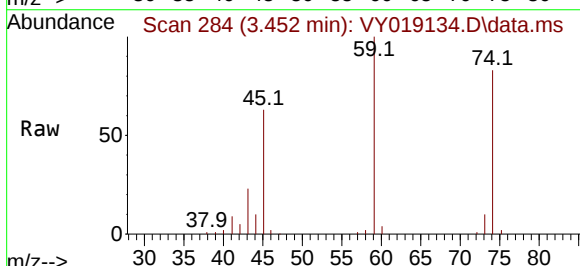
Instrument :
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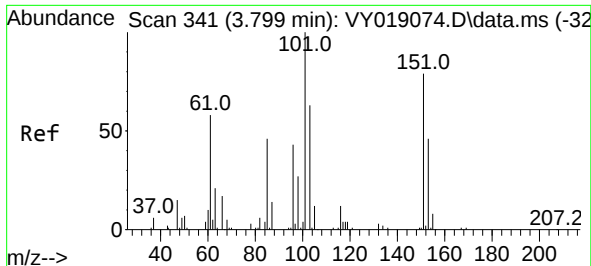
Tgt Ion:101 Resp: 126604
Ion Ratio Lower Upper
101 100
103 62.7 49.3 73.9



#8
Diethyl Ether
Concen: 45.453 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.013 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 74 Resp: 30052
Ion Ratio Lower Upper
74 100
45 87.4 41.3 124.1

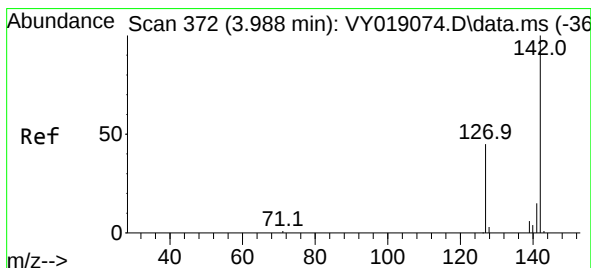
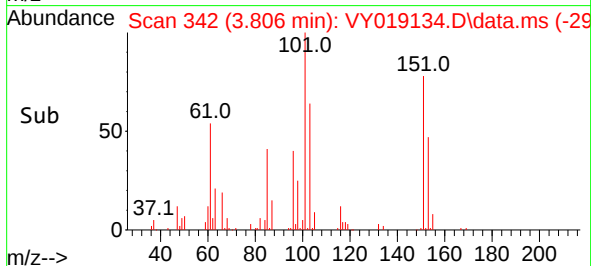
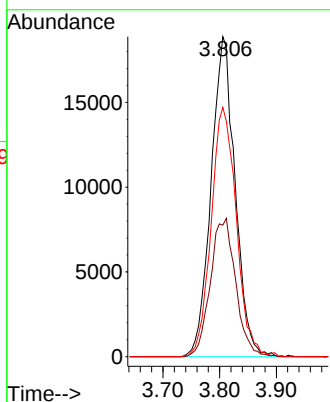
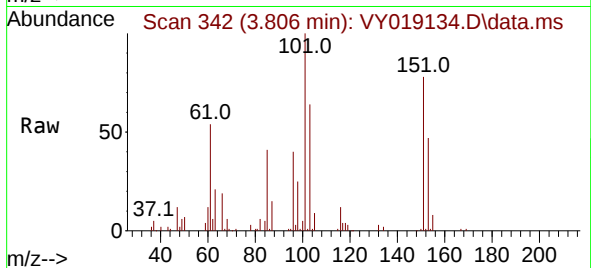




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.739 ug/l
RT: 3.806 min Scan# 341
Delta R.T. 0.006 min
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Acq: 19 Aug 2024 23:28

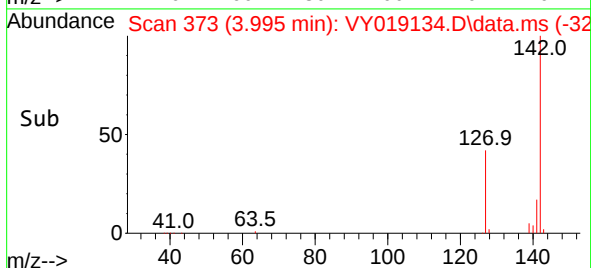
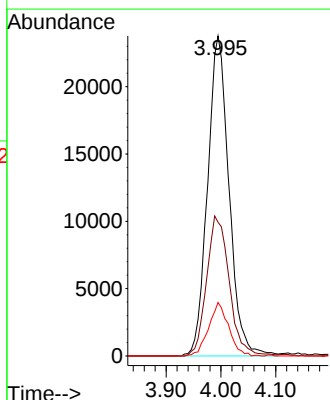
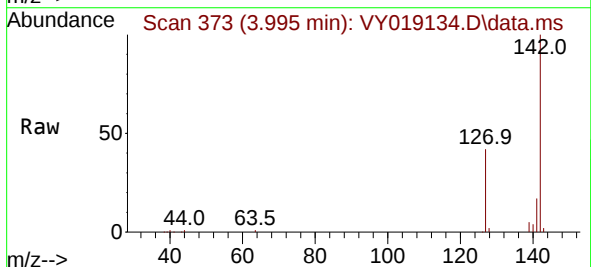
Instrument :
MSVOA_Y
ClientSampleId :

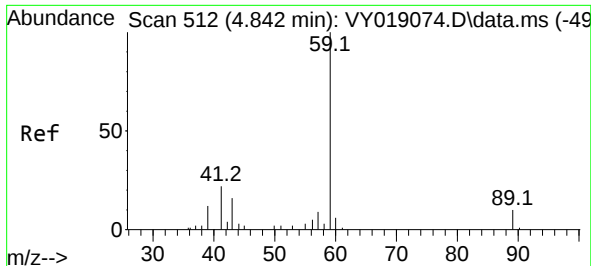
Tgt Ion:101 Resp: 55477
Ion Ratio Lower Upper
101 100
85 45.5 34.5 51.7
151 81.4 61.7 92.5



#10
Methyl Iodide
Concen: 48.446 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion:142 Resp: 64665
Ion Ratio Lower Upper
142 100
127 46.1 32.8 49.2
141 15.6 11.4 17.2

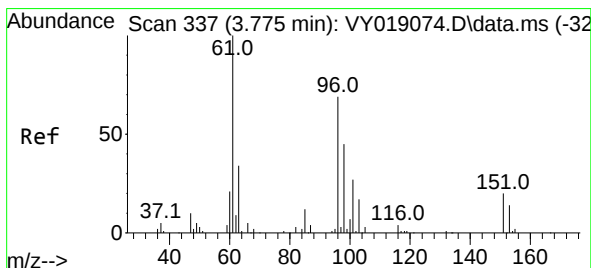
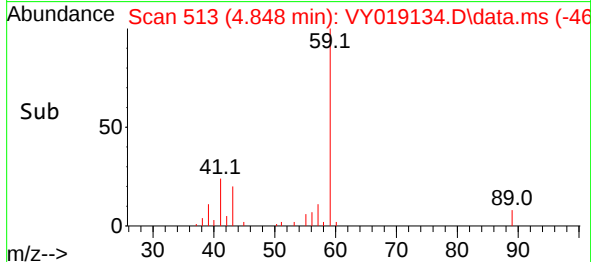
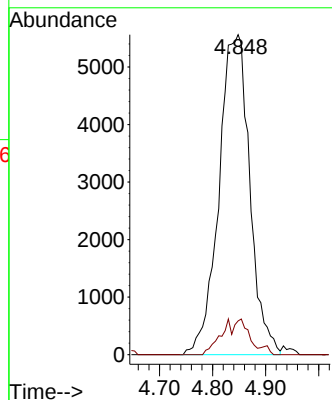
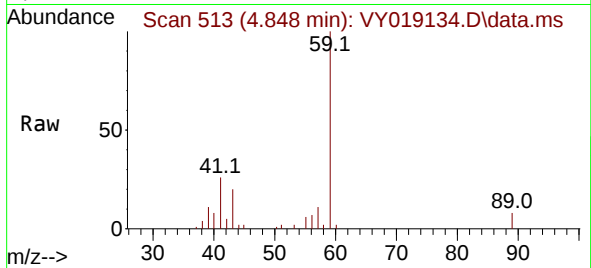




#11
Tert butyl alcohol
Concen: 204.472 ug/l
RT: 4.848 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

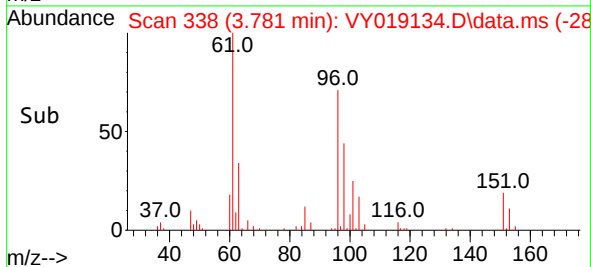
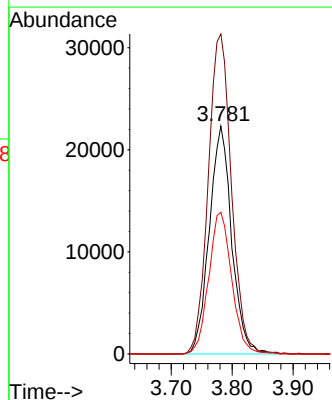
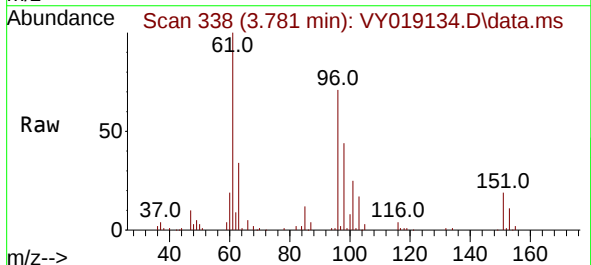
Instrument :
MSVOA_Y
ClientSampleId :

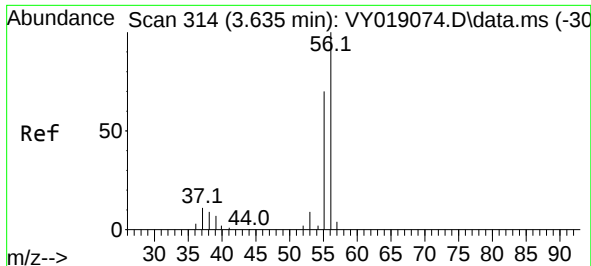
Tgt Ion: 59 Resp: 22462
Ion Ratio Lower Upper
59 100
57 4.0 3.0 4.6



#12
1,1-Dichloroethene
Concen: 46.056 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 96 Resp: 56981
Ion Ratio Lower Upper
96 100
61 140.5 114.6 171.8
98 62.2 50.8 76.2





#13

Acrolein

Concen: 199.658 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

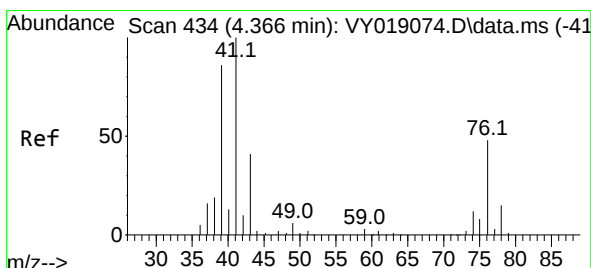
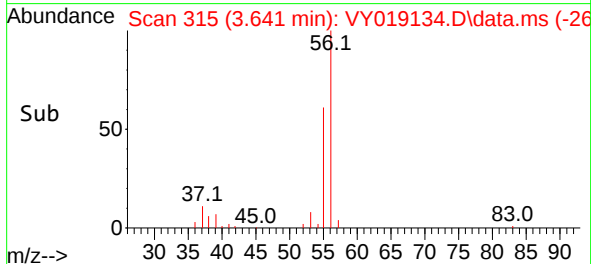
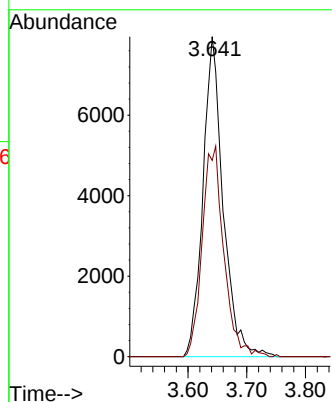
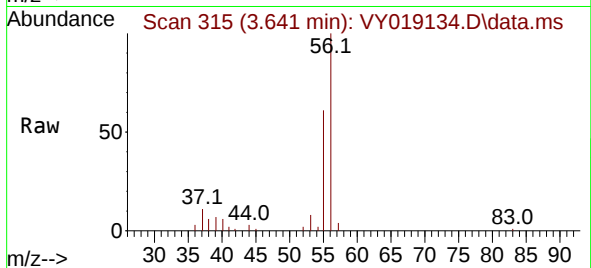
ClientSampleId :

Tgt Ion: 56 Resp: 19014

Ion Ratio Lower Upper

56 100

55 70.4 55.7 83.5



#14

Allyl chloride

Concen: 46.247 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

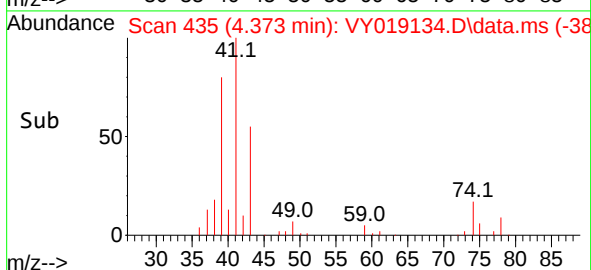
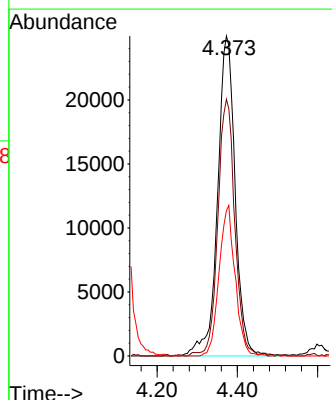
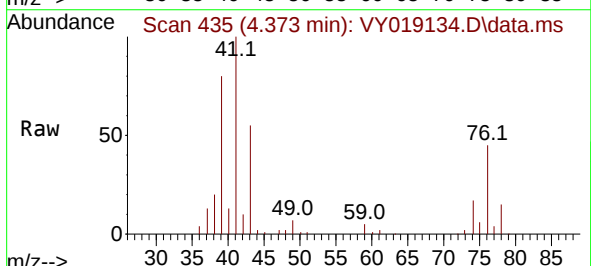
Tgt Ion: 41 Resp: 76072

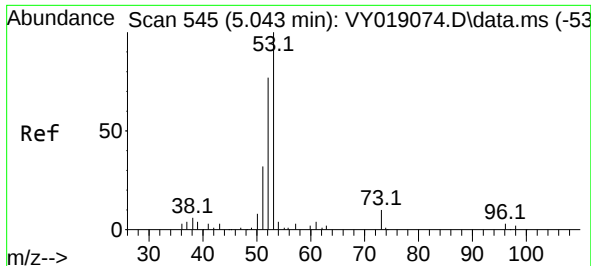
Ion Ratio Lower Upper

41 100

39 76.9 58.3 87.5

76 42.8 39.0 58.6





#15

Acrylonitrile

Concen: 238.816 ug/l

RT: 5.043 min Scan# 54

Delta R.T. 0.000 min

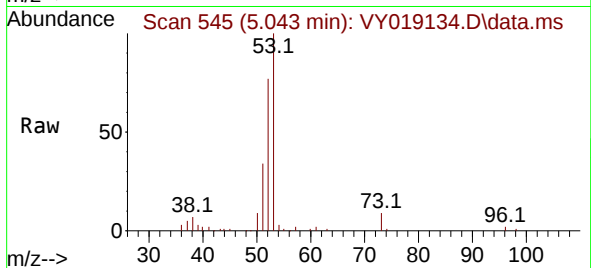
Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

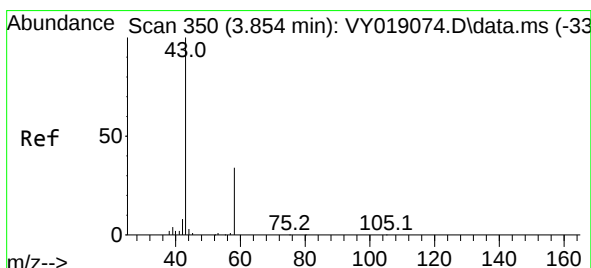
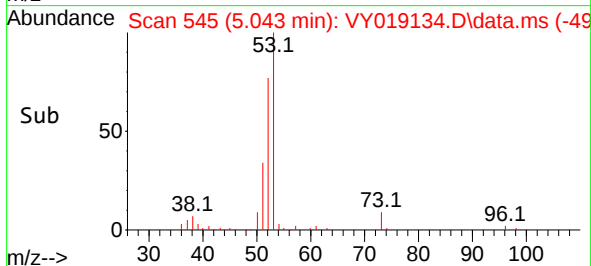
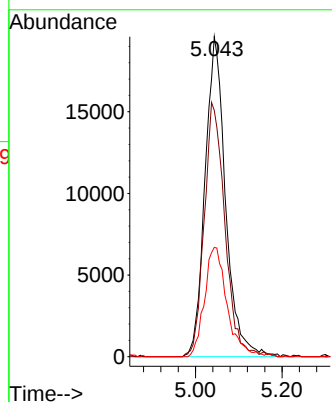
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 64608
Ion Ratio	Lower Upper
53	100
52	79.5 64.7 97.1
51	37.4 28.4 42.6



#16

Acetone

Concen: 199.614 ug/l

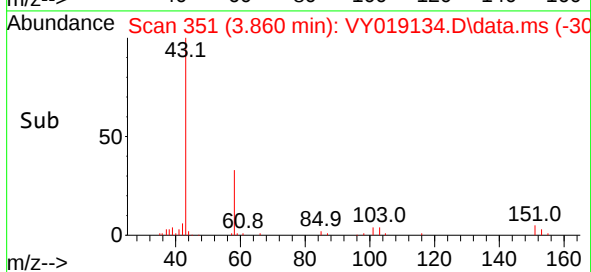
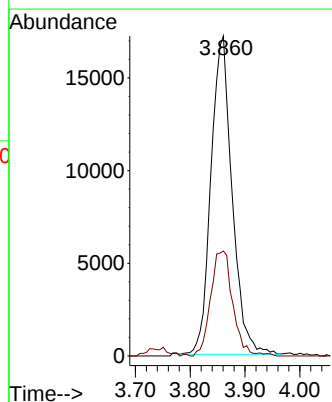
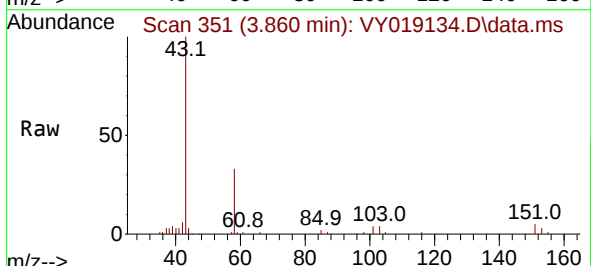
RT: 3.860 min Scan# 351

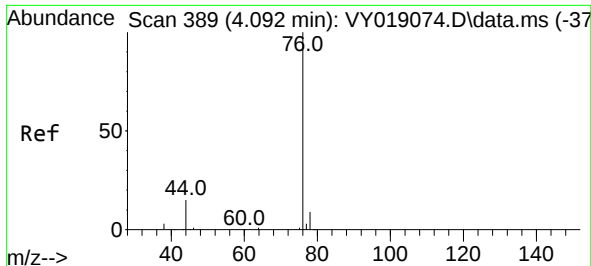
Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Tgt Ion: 43	Resp: 46026
Ion Ratio	Lower Upper
43	100
58	33.0 31.7 47.5

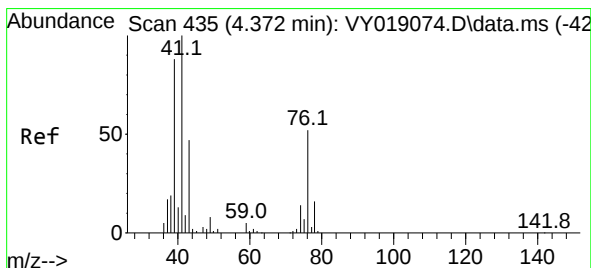
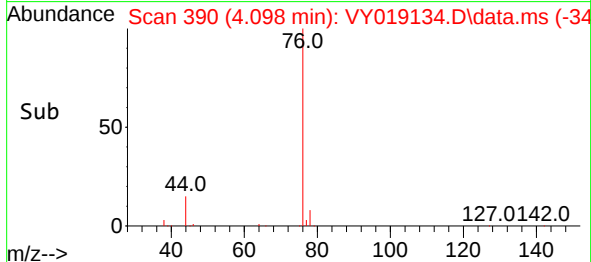
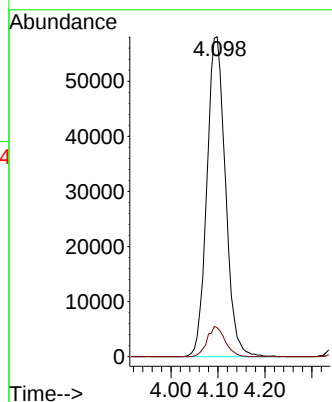
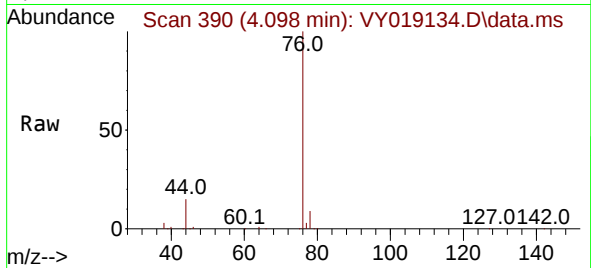




#17
Carbon Disulfide
Concen: 45.473 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

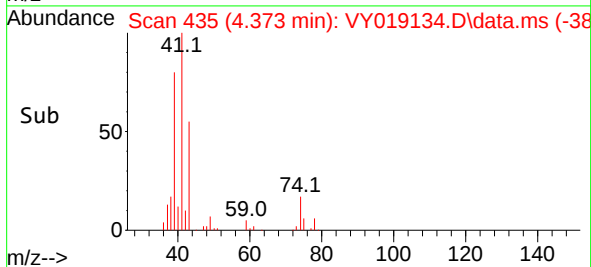
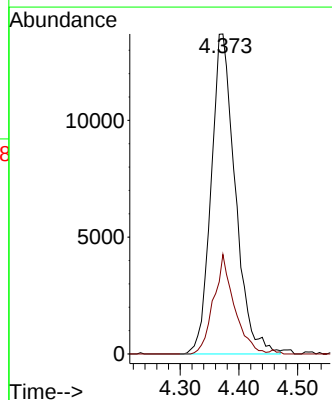
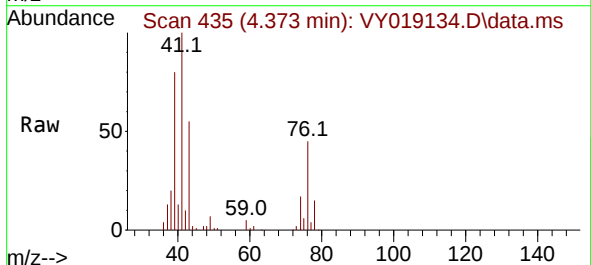
Instrument :
MSVOA_Y
ClientSampleId :

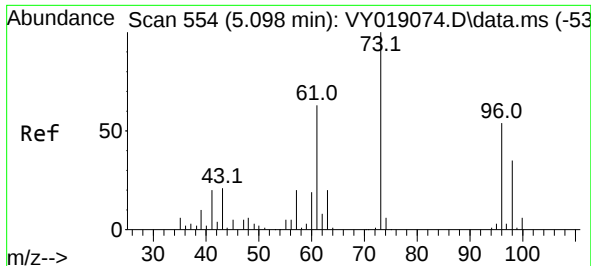
Tgt Ion: 76 Resp: 158683
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 55.176 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 43 Resp: 39046
Ion Ratio Lower Upper
43 100
74 26.7 23.3 34.9

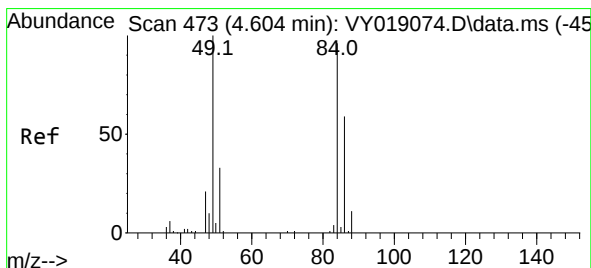
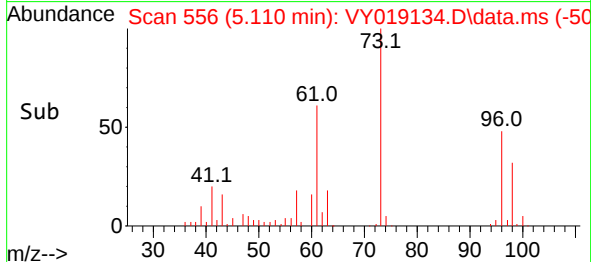
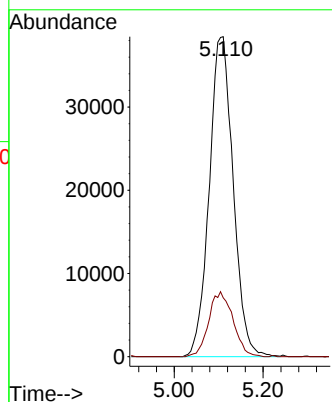
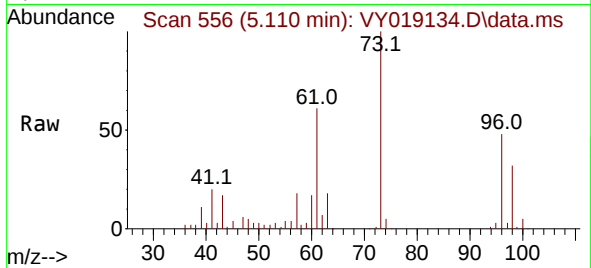




#19
Methyl tert-butyl Ether
Concen: 47.919 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.013 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

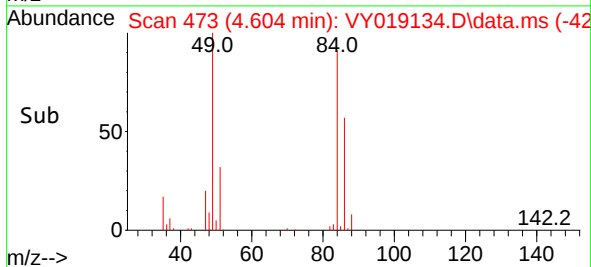
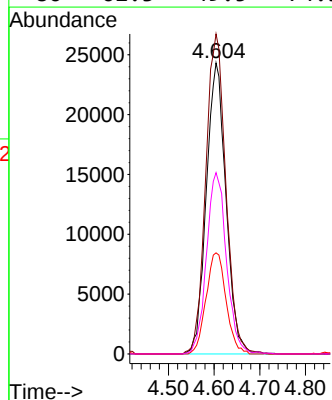
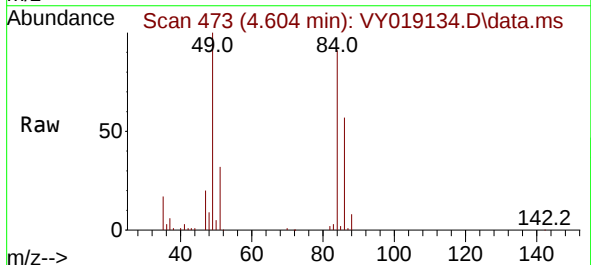
Instrument :
MSVOA_Y
ClientSampleId :

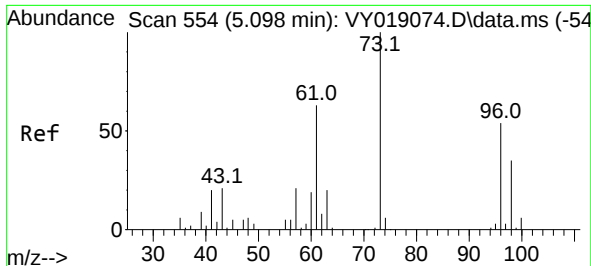
Tgt Ion: 73 Resp: 143733
Ion Ratio Lower Upper
73 100
57 18.4 17.3 25.9



#20
Methylene Chloride
Concen: 51.152 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 84 Resp: 72911
Ion Ratio Lower Upper
84 100
49 109.9 84.4 126.6
51 34.8 26.0 39.0
86 62.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 46.971 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

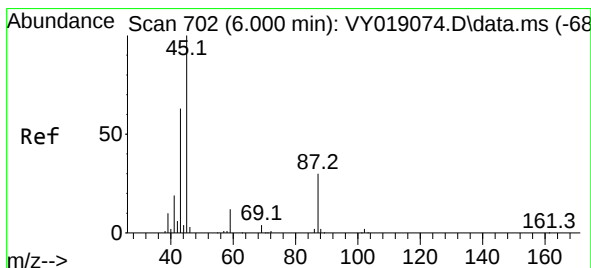
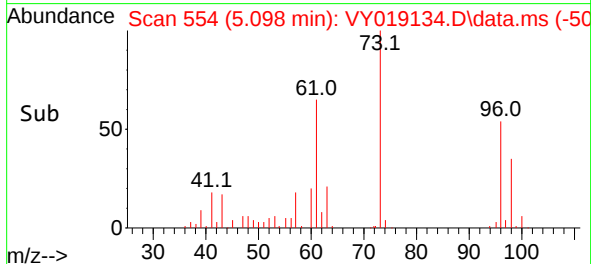
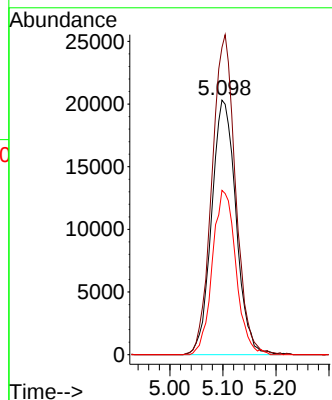
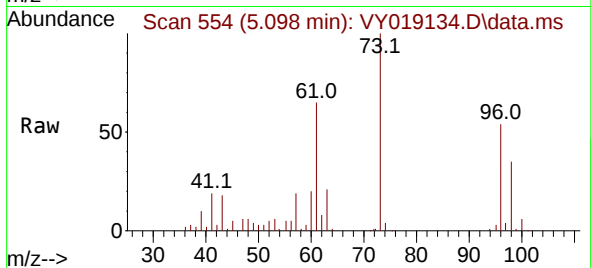
Tgt Ion: 96 Resp: 64924

Ion Ratio Lower Upper

96 100

61 120.7 97.5 146.3

98 64.5 50.5 75.7



#22

Diisopropyl ether

Concen: 47.611 ug/l

RT: 6.006 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Tgt Ion: 45 Resp: 179286

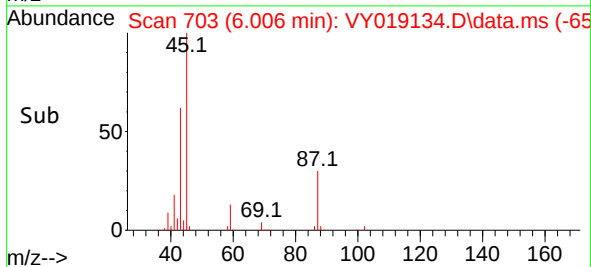
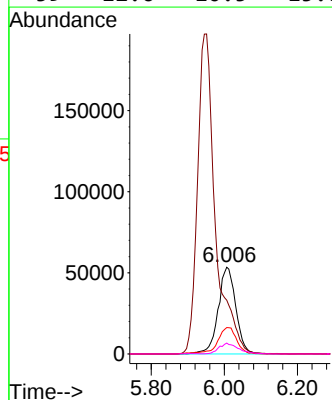
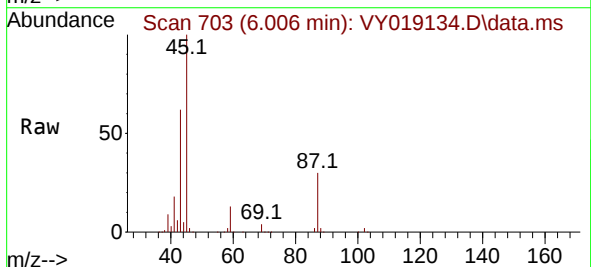
Ion Ratio Lower Upper

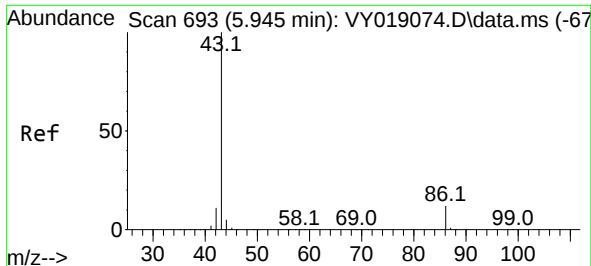
45 100

43 61.8 42.2 63.2

87 30.4 25.0 37.6

59 12.6 10.5 15.7

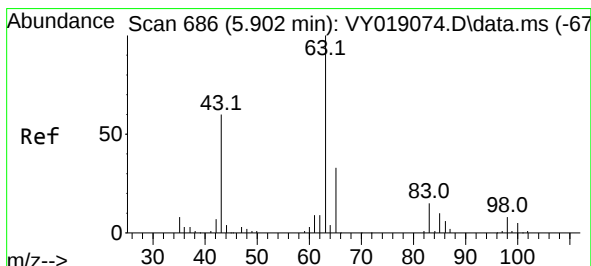
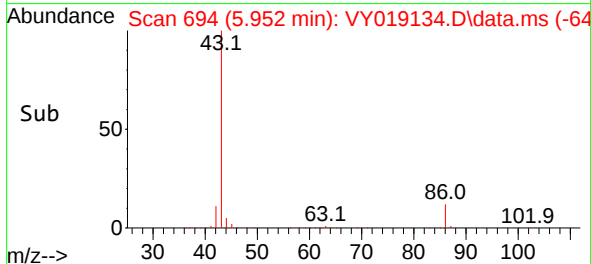
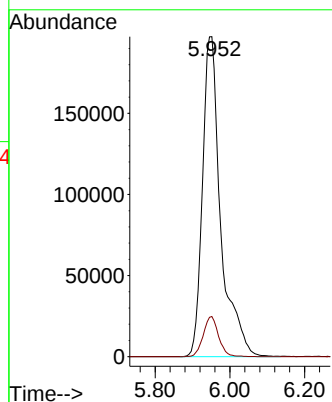
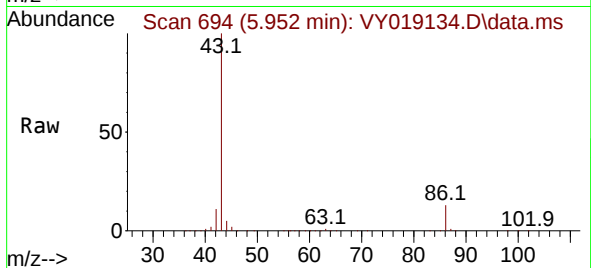




#23
 Vinyl Acetate
 Concen: 224.407 ug/l
 RT: 5.952 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY019134.D
 Acq: 19 Aug 2024 23:28

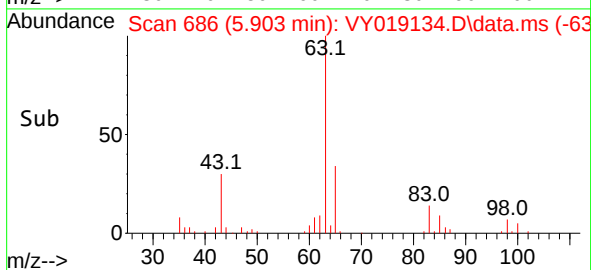
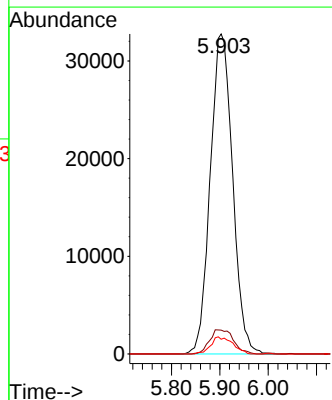
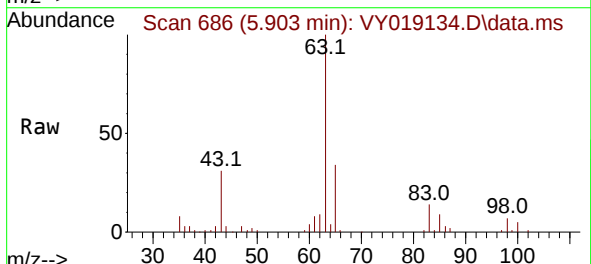
Instrument :
 MSVOA_Y
 ClientSampleId :

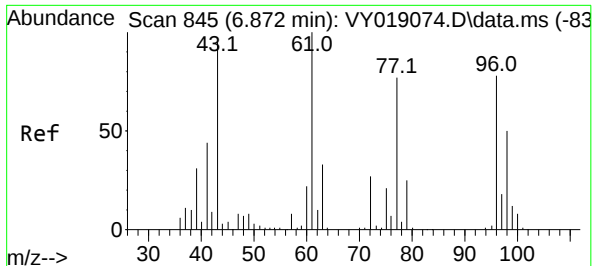
Tgt Ion: 43 Resp: 669020
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.685 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019134.D
 Acq: 19 Aug 2024 23:28

Tgt Ion: 63 Resp: 105207
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 217.104 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

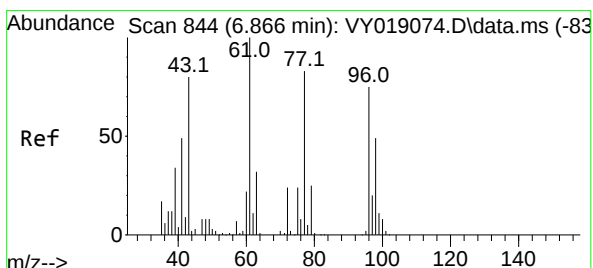
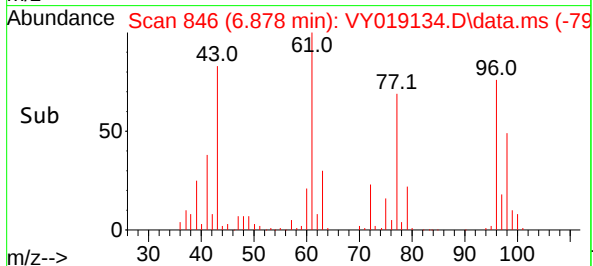
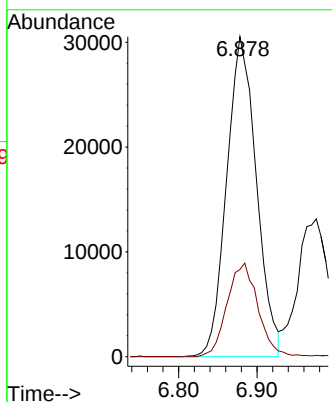
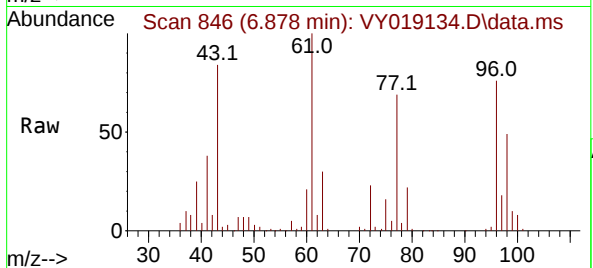
ClientSampleId :

Tgt Ion: 43 Resp: 80618

Ion Ratio Lower Upper

43 100

72 27.3 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 41.516 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019134.D

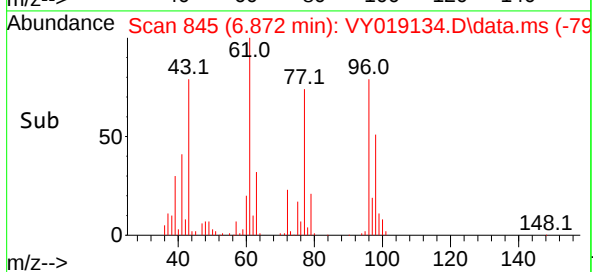
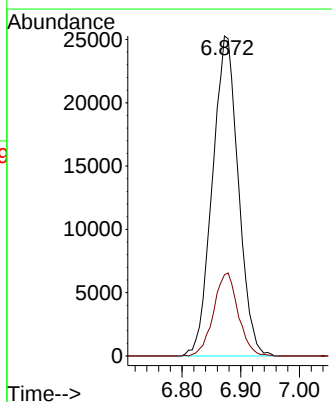
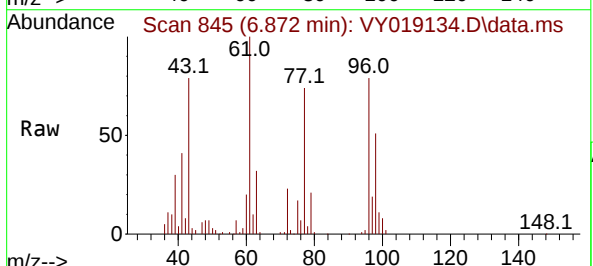
Acq: 19 Aug 2024 23:28

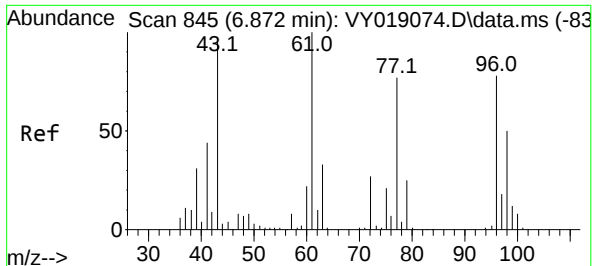
Tgt Ion: 77 Resp: 77419

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 47.535 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

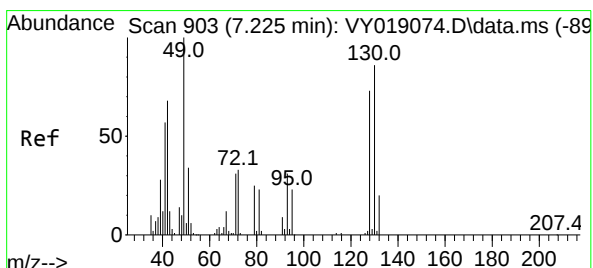
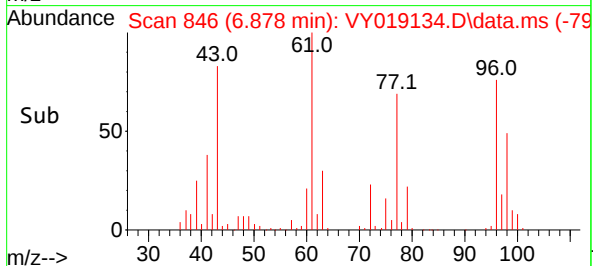
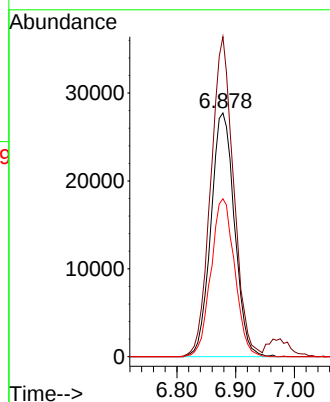
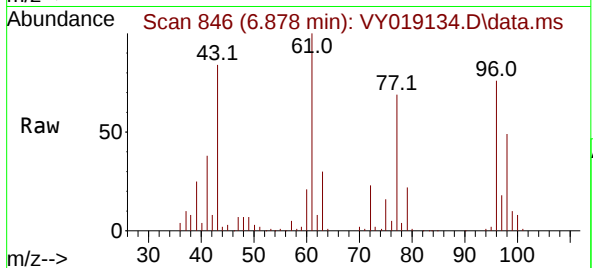
Tgt Ion: 96 Resp: 77323

Ion Ratio Lower Upper

96 100

61 127.4 0.0 256.2

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 50.423 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

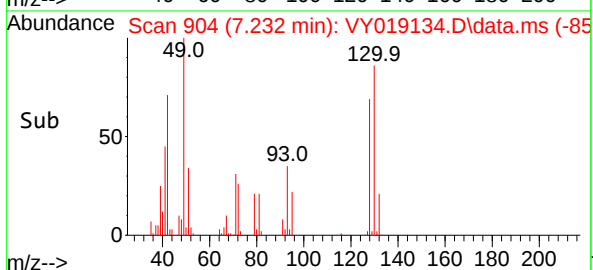
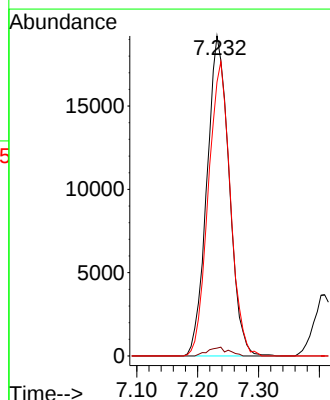
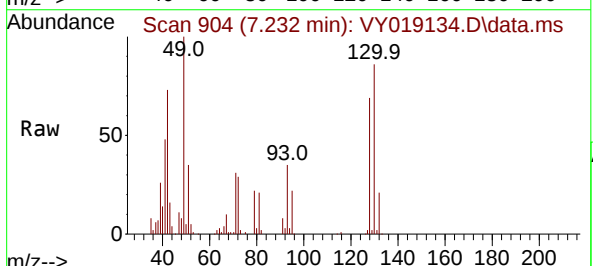
Tgt Ion: 49 Resp: 48709

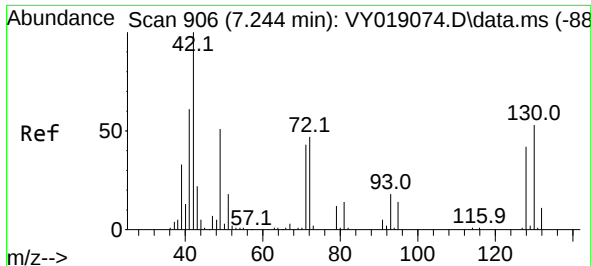
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 91.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 233.793 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

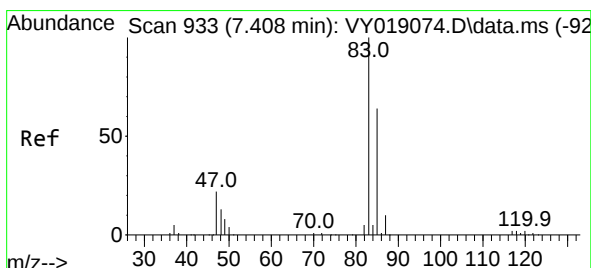
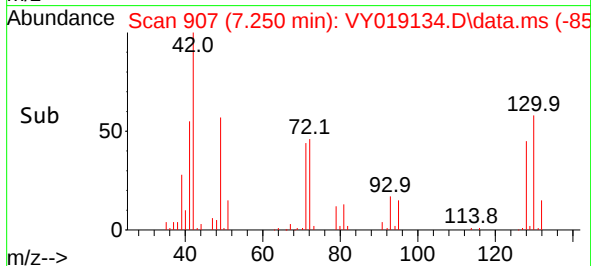
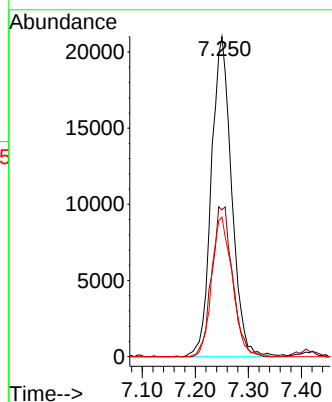
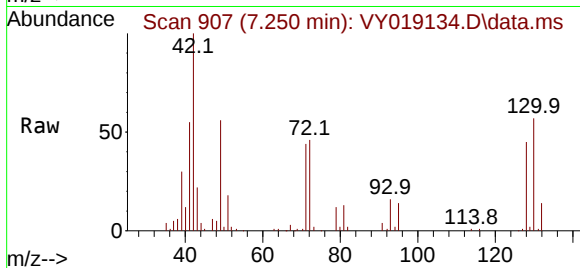
Tgt Ion: 42 Resp: 55807

Ion Ratio Lower Upper

42 100

72 48.0 43.0 64.4

71 44.8 40.8 61.2



#30

Chloroform

Concen: 47.183 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019134.D

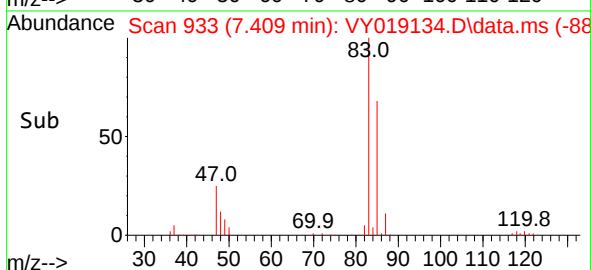
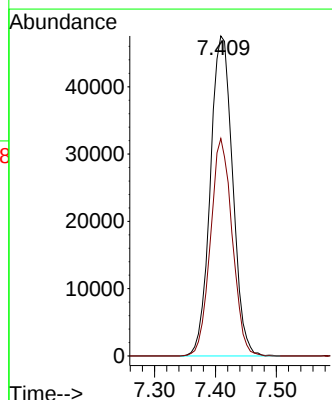
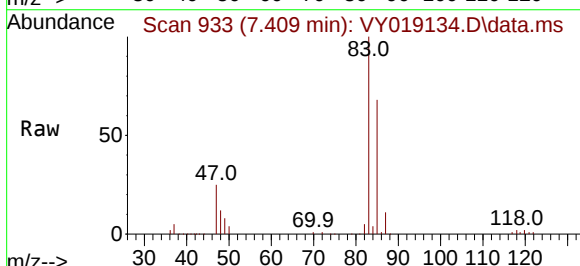
Acq: 19 Aug 2024 23:28

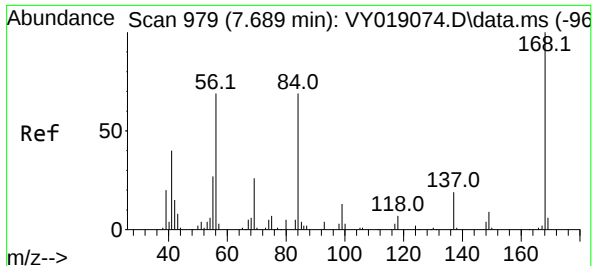
Tgt Ion: 83 Resp: 121074

Ion Ratio Lower Upper

83 100

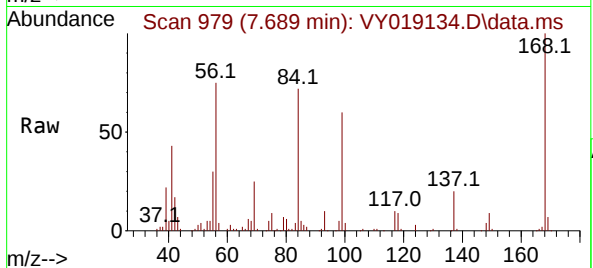
85 67.9 52.2 78.4



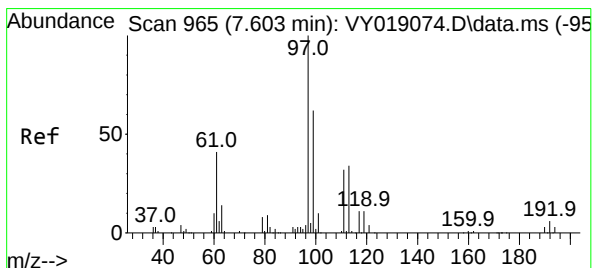
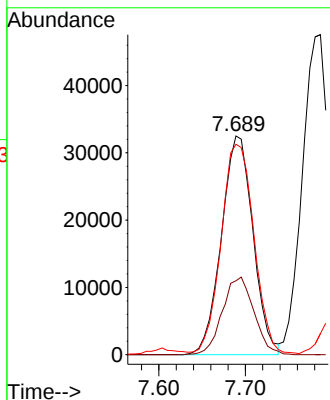
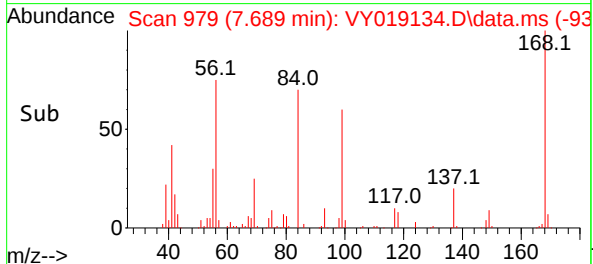


#31
Cyclohexane
Concen: 45.963 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

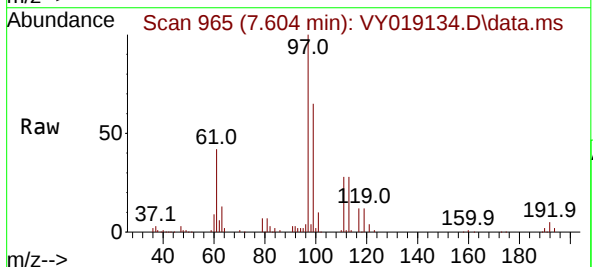
Instrument :
MSVOA_Y
ClientSampleId :



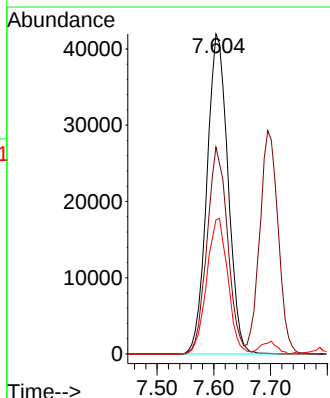
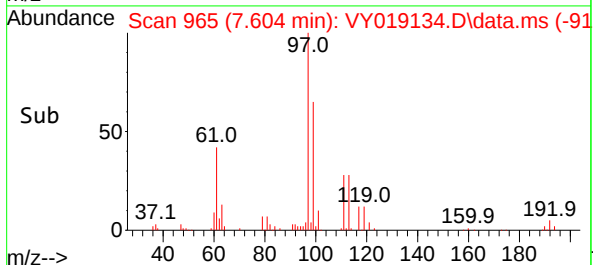
Tgt Ion: 56 Resp: 82358
Ion Ratio Lower Upper
56 100
69 33.8 28.7 43.1
84 94.6 77.7 116.5

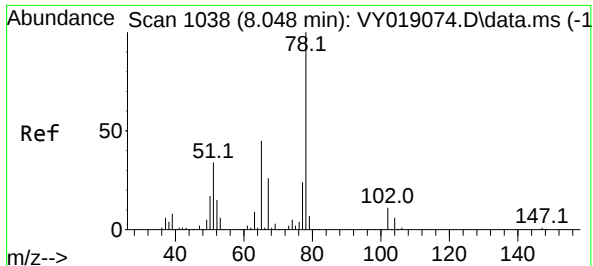


#32
1,1,1-Trichloroethane
Concen: 47.937 ug/l
RT: 7.604 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28



Tgt Ion: 97 Resp: 108102
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 42.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.260 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

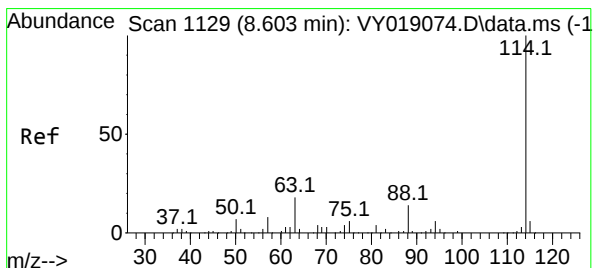
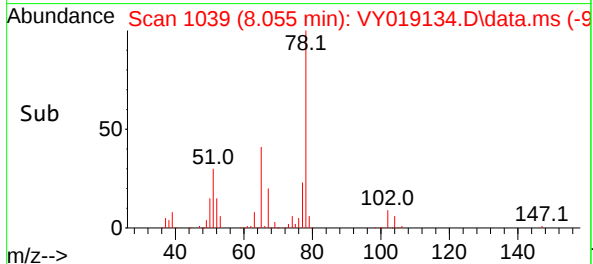
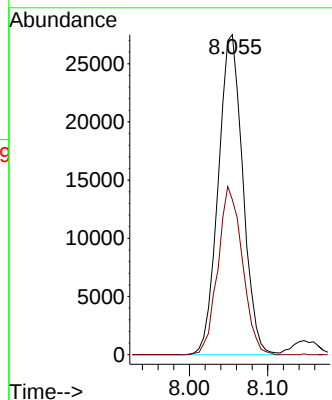
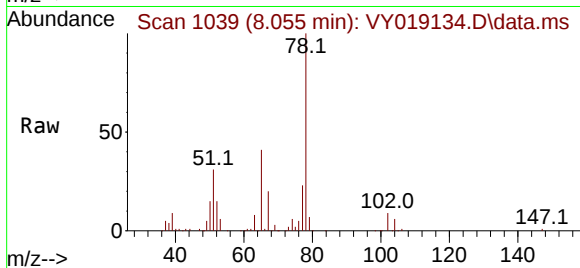
ClientSampleId :

Tgt Ion: 65 Resp: 60002

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

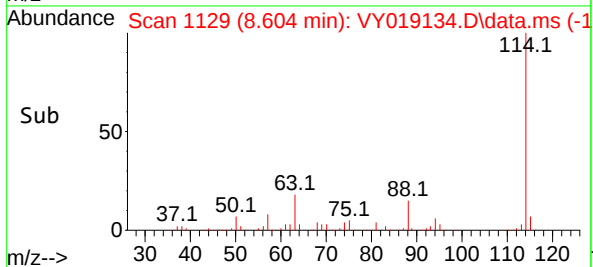
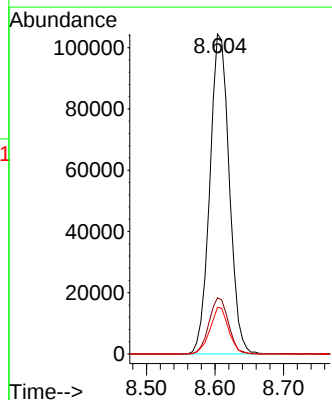
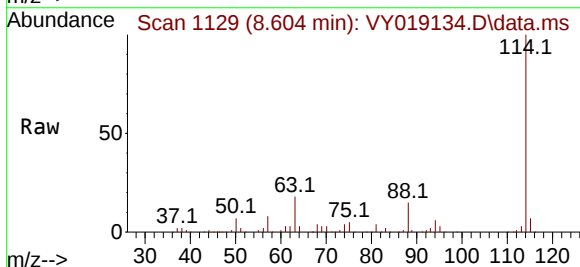
Tgt Ion: 114 Resp: 205707

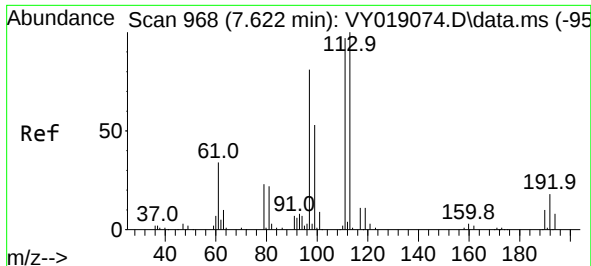
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.6 0.0 27.2

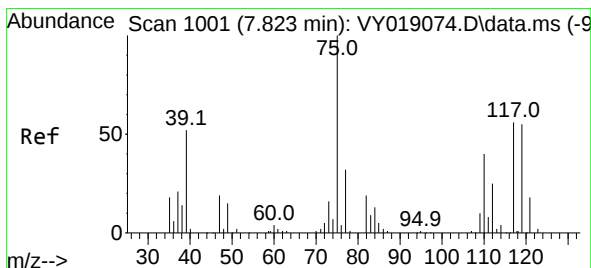
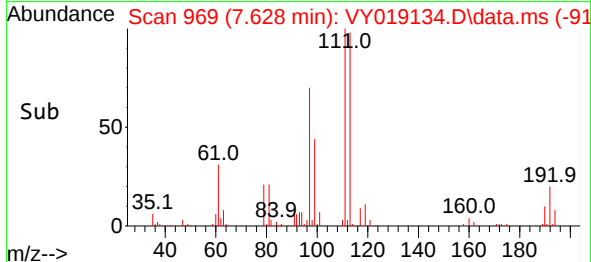
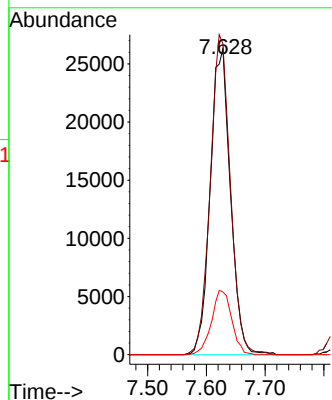
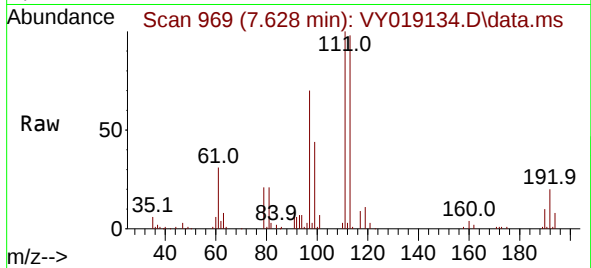




#35
Dibromofluoromethane
Concen: 46.745 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

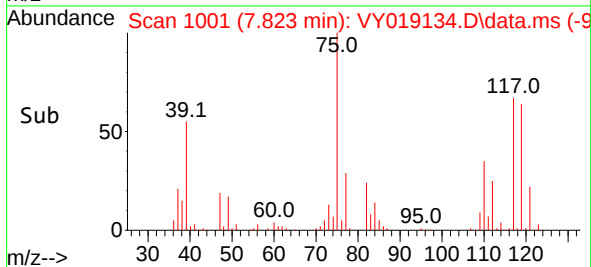
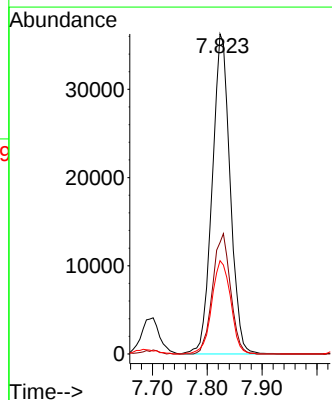
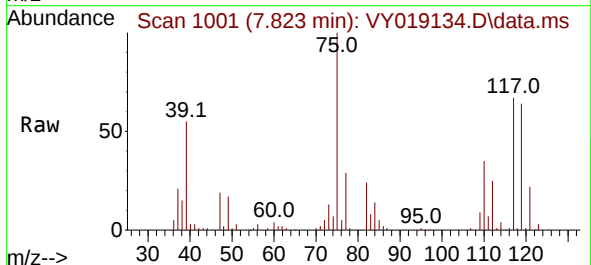
Instrument :
MSVOA_Y
ClientSampleId :

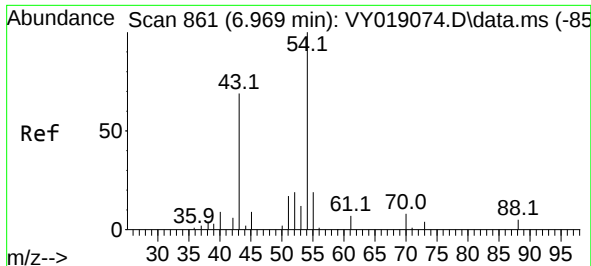
Tgt Ion:113 Resp: 62874
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 44.546 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 75 Resp: 82276
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 45.171 ug/l

RT: 6.976 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

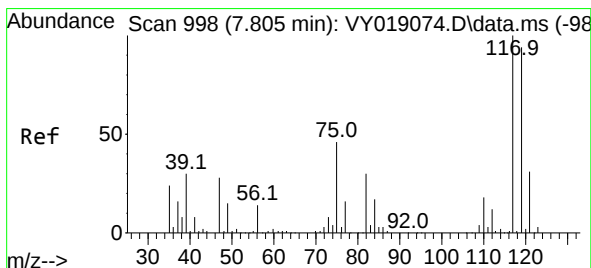
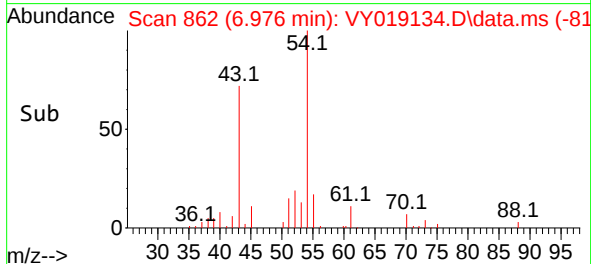
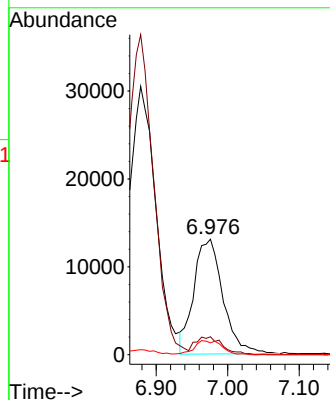
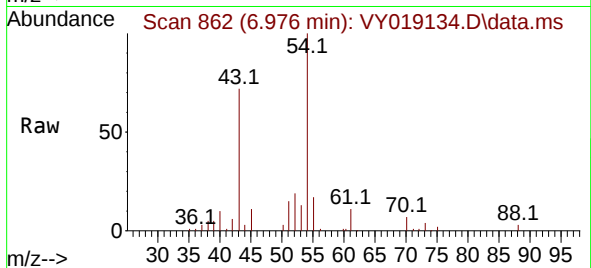
Tgt Ion: 43 Resp: 36963

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 11.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 44.742 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

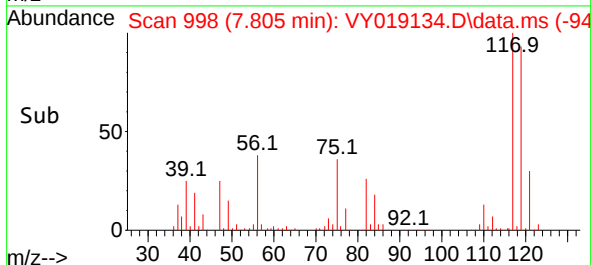
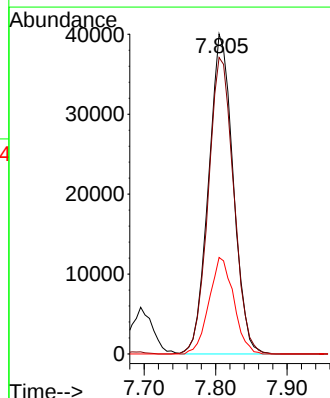
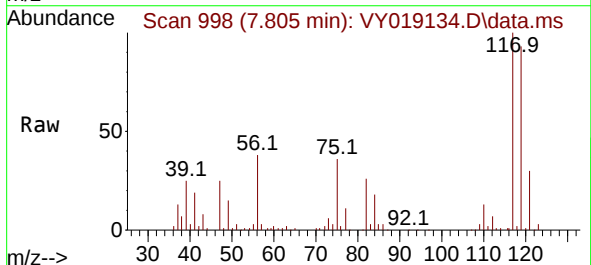
Tgt Ion: 117 Resp: 95768

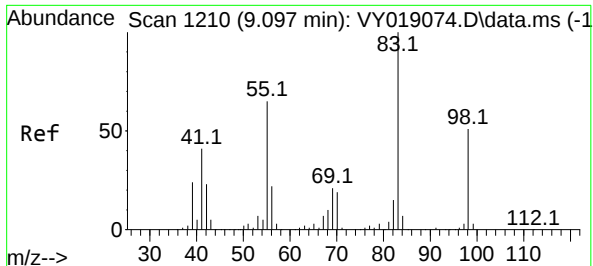
Ion Ratio Lower Upper

117 100

119 92.7 75.8 113.6

121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 41.430 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

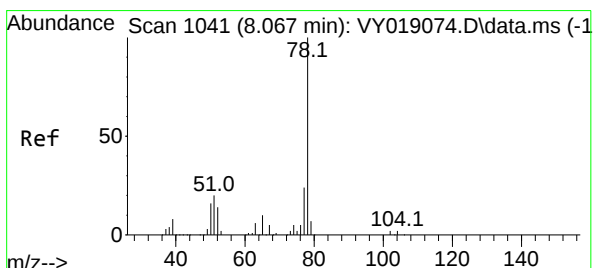
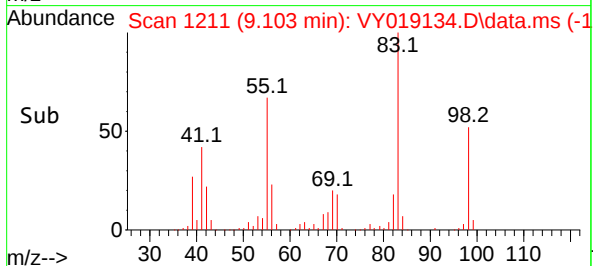
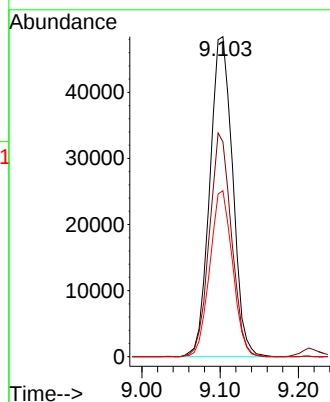
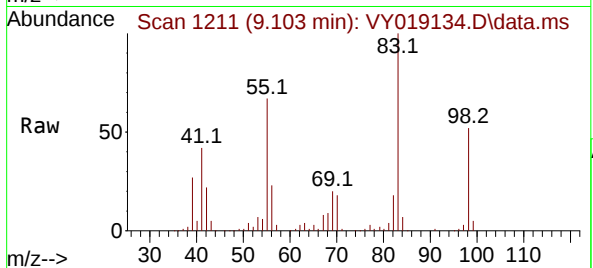
Tgt Ion: 83 Resp: 98196

Ion Ratio Lower Upper

83 100

55 67.2 51.5 77.3

98 51.9 40.5 60.7



#40

Benzene

Concen: 46.301 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019134.D

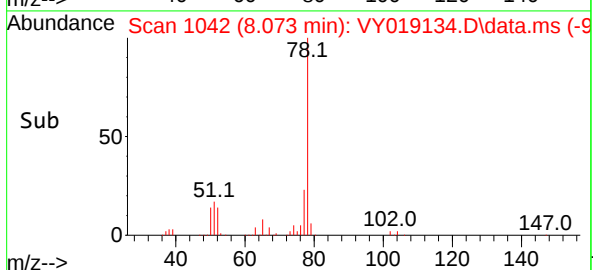
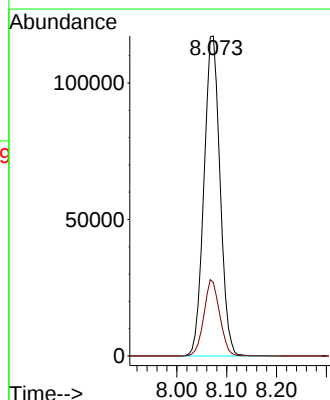
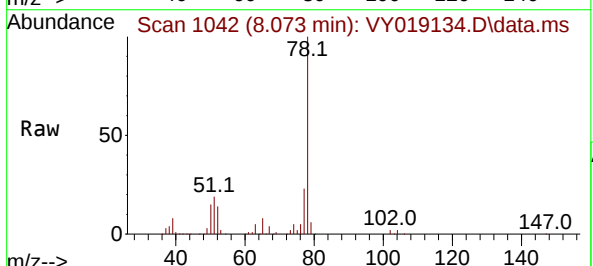
Acq: 19 Aug 2024 23:28

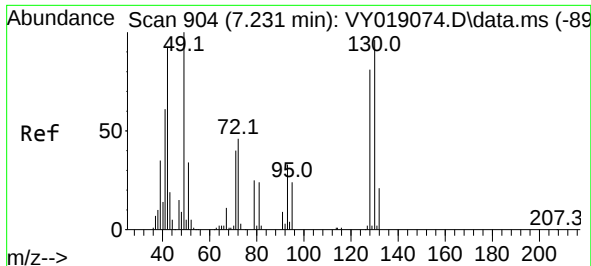
Tgt Ion: 78 Resp: 262274

Ion Ratio Lower Upper

78 100

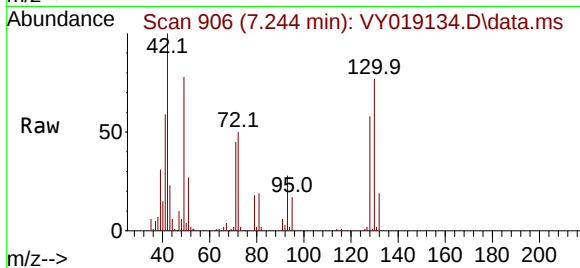
77 22.9 19.5 29.3



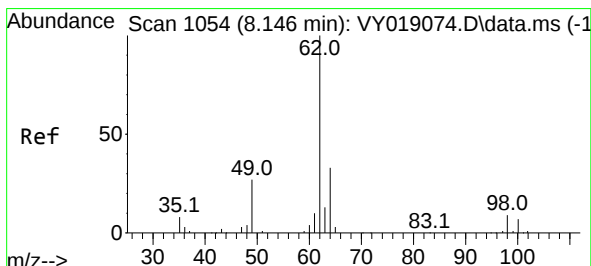
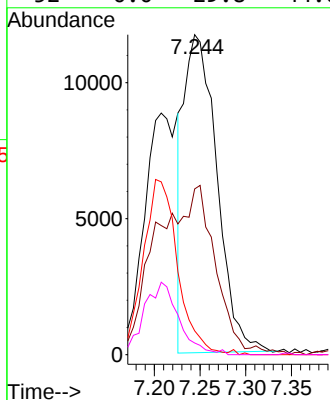
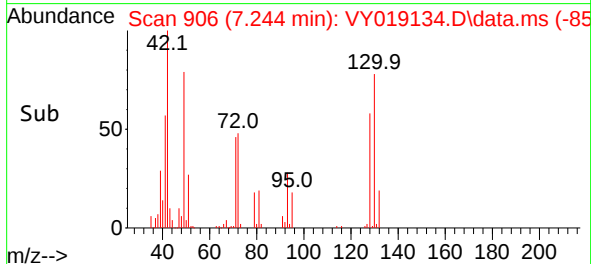


#41
Methacrylonitrile
Concen: 65.362 ug/l
RT: 7.244 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Instrument :
MSVOA_Y
ClientSampleId :

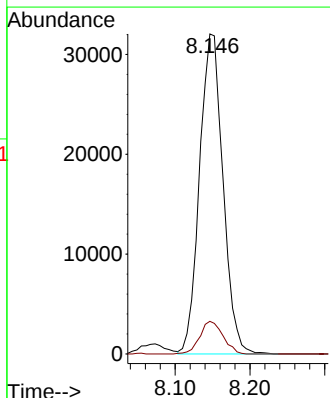
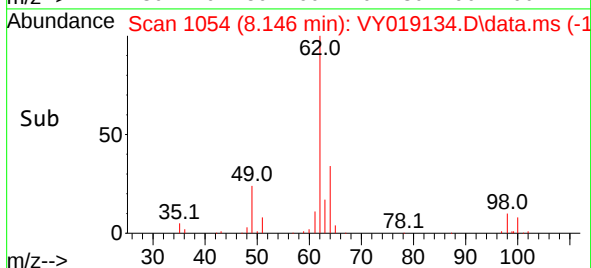
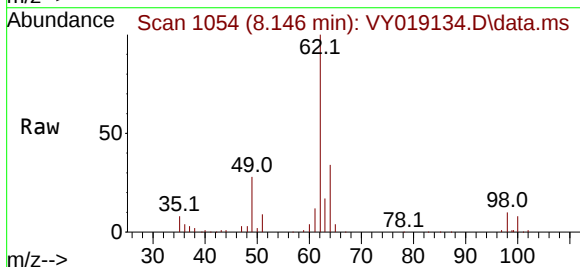


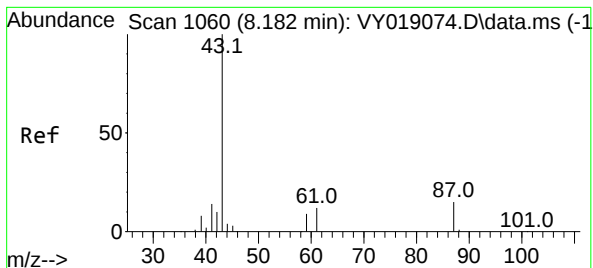
Tgt Ion: 41 Resp: 29193
Ion Ratio Lower Upper
41 100
39 95.7 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 45.734 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 62 Resp: 69958
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0





#43

Isopropyl Acetate

Concen: 43.623 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

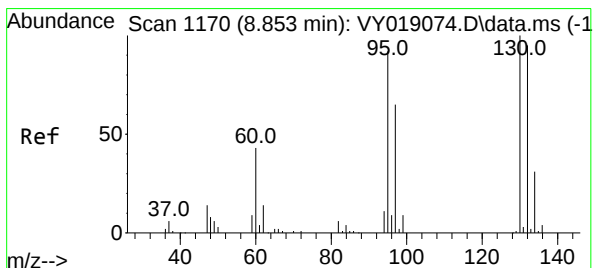
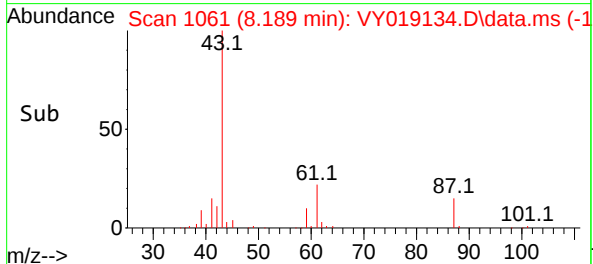
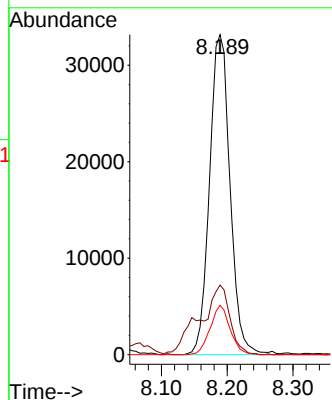
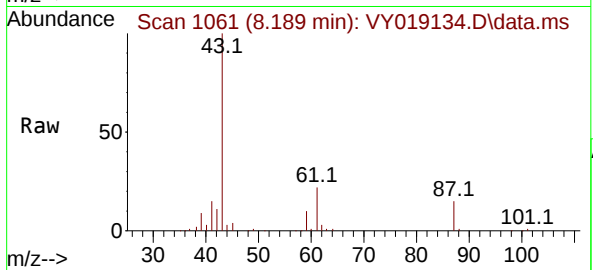
Tgt Ion: 43 Resp: 72192

Ion Ratio Lower Upper

43 100

61 20.6 27.9 41.9#

87 15.0 13.1 19.7



#44

Trichloroethene

Concen: 44.125 ug/l

RT: 8.853 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VY019134.D

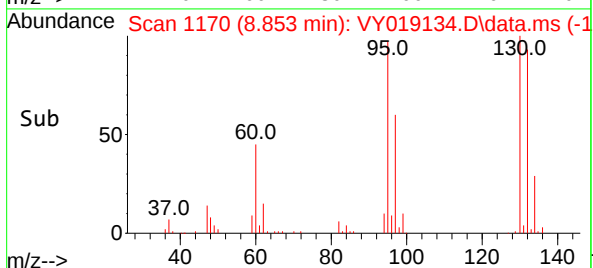
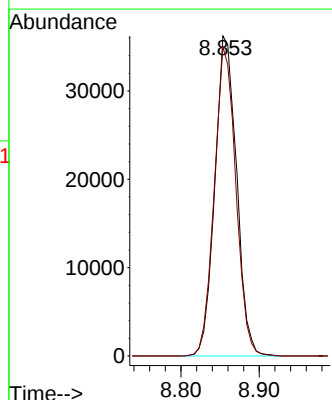
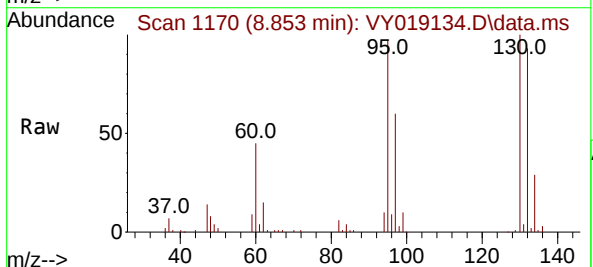
Acq: 19 Aug 2024 23:28

Tgt Ion:130 Resp: 69743

Ion Ratio Lower Upper

130 100

95 96.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 45.721 ug/l

RT: 9.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

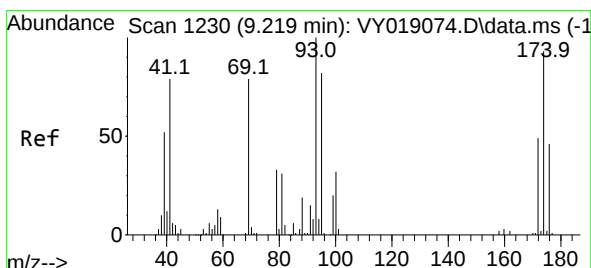
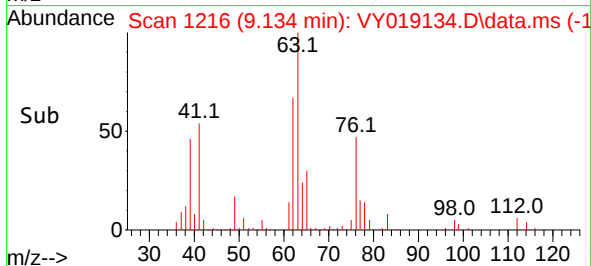
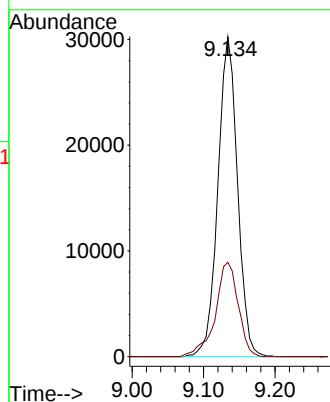
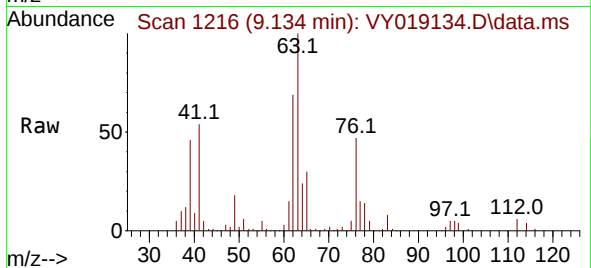
ClientSampleId :

Tgt Ion: 63 Resp: 57703

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.2



#46

Dibromomethane

Concen: 46.675 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

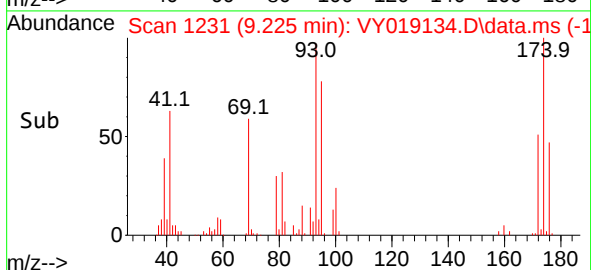
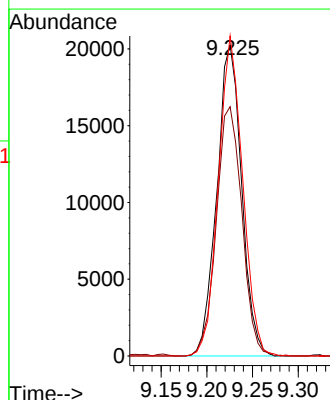
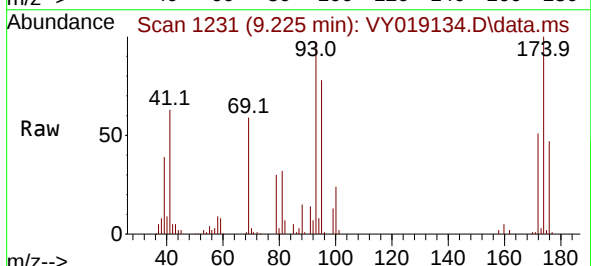
Tgt Ion: 93 Resp: 38207

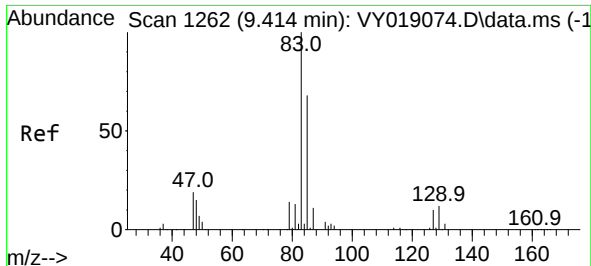
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 100.7 80.9 121.3

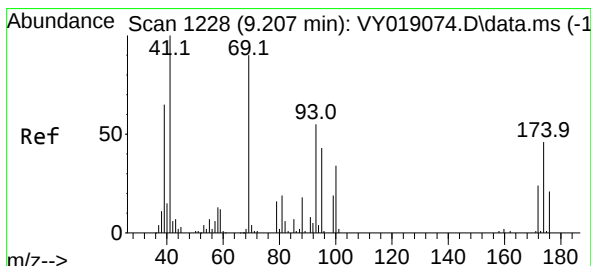
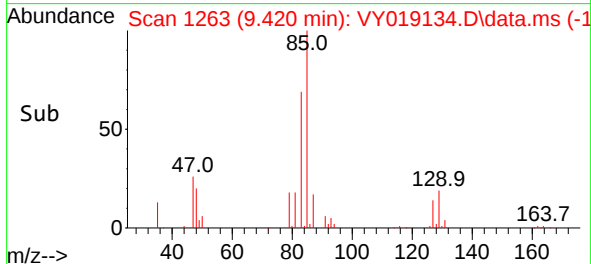
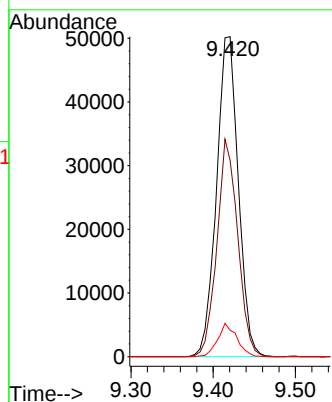
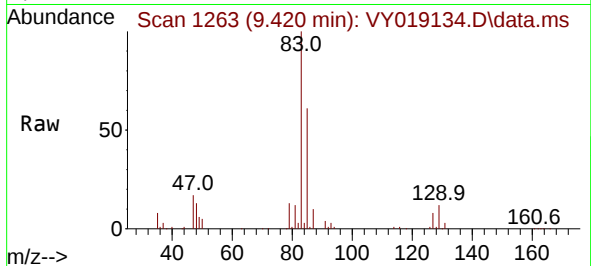




#47
Bromodichloromethane
Concen: 46.178 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

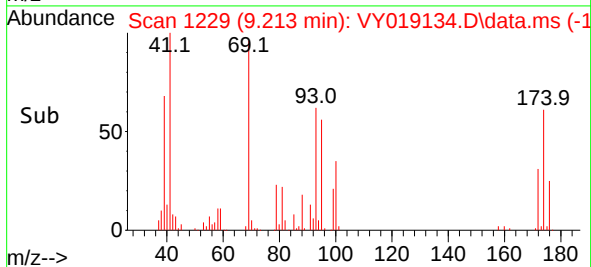
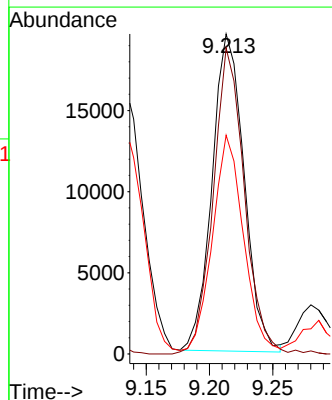
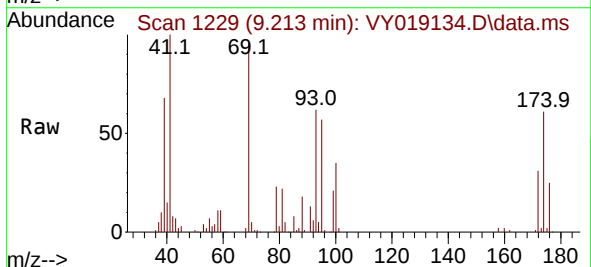
Instrument :
MSVOA_Y
ClientSampleId :

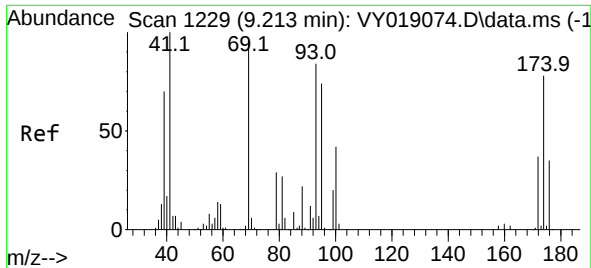
Tgt Ion: 83 Resp: 92739
Ion Ratio Lower Upper
83 100
85 61.3 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 46.667 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

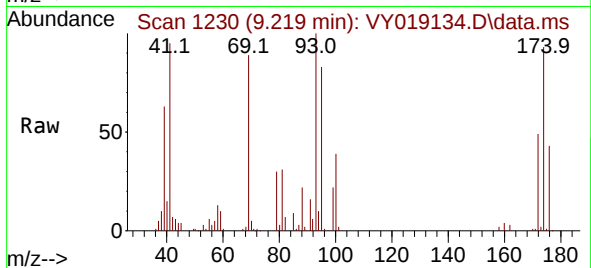
Tgt Ion: 41 Resp: 34419
Ion Ratio Lower Upper
41 100
69 94.1 84.1 126.1
39 65.3 43.6 65.4



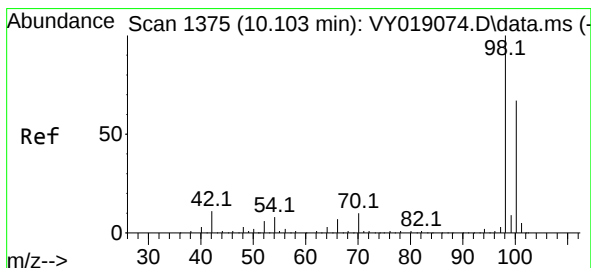
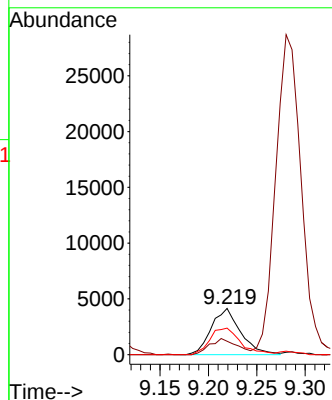
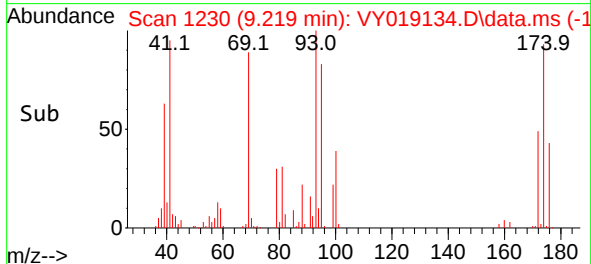


#49
1,4-Dioxane
Concen: 880.800 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Instrument :
MSVOA_Y
ClientSampleId :

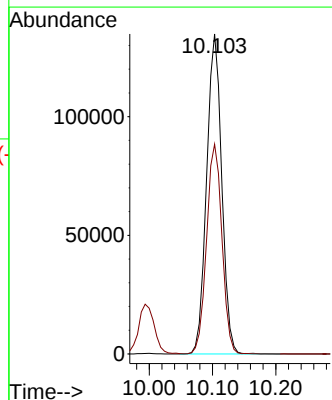
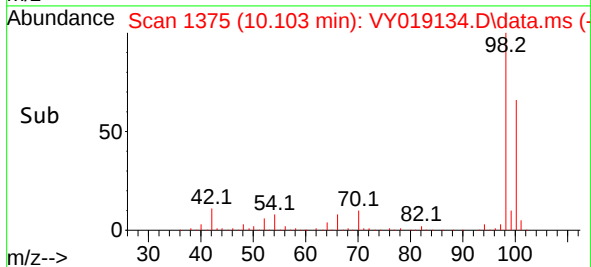
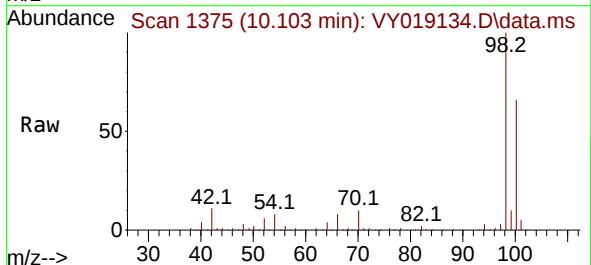


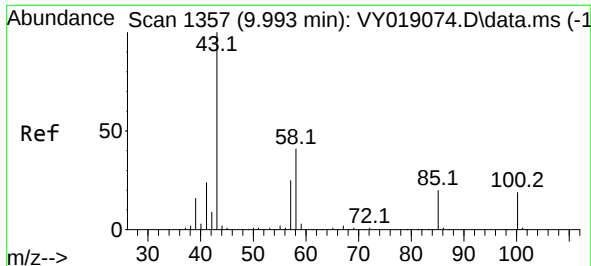
Tgt Ion: 88 Resp: 8734
Ion Ratio Lower Upper
88 100
43 32.6 0.0 0.0#
58 60.1 49.3 73.9



#50
Toluene-d8
Concen: 46.309 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 98 Resp: 224148
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

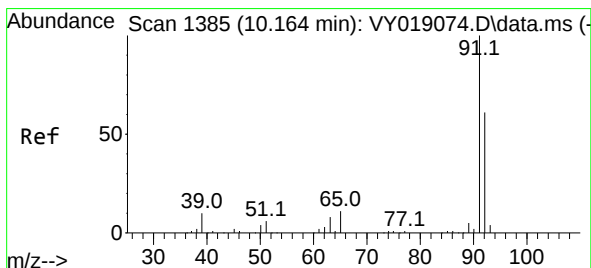
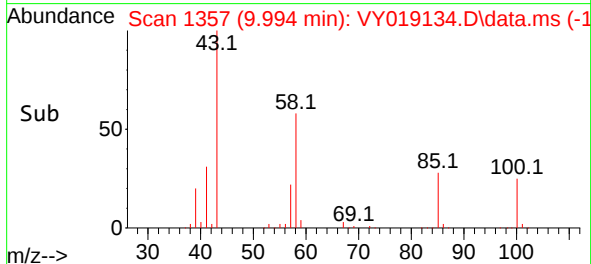
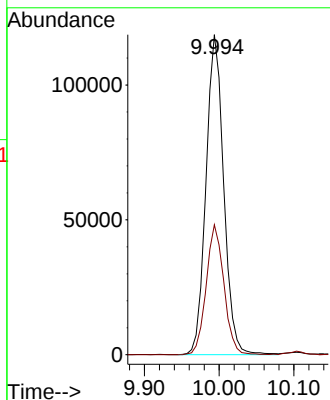
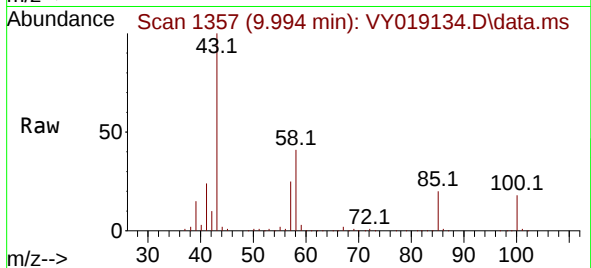




#51
4-Methyl-2-Pentanone
Concen: 222.971 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

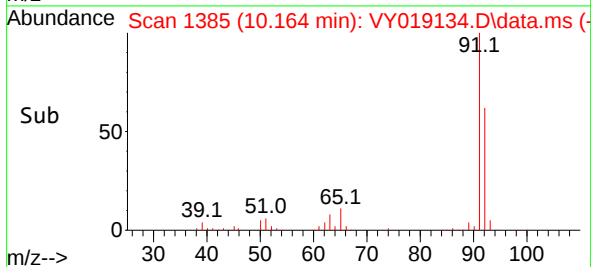
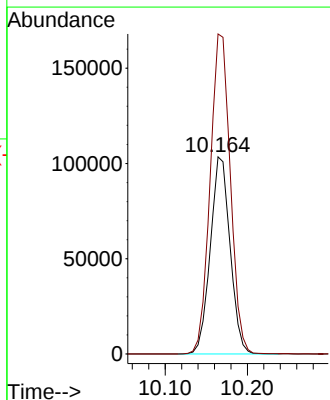
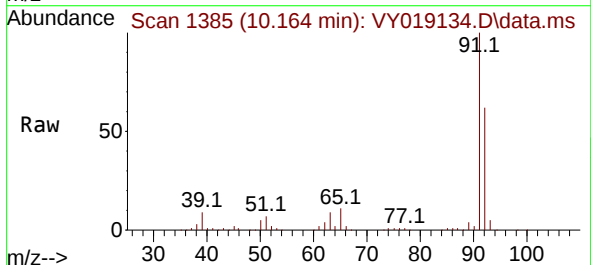
Instrument :
MSVOA_Y
ClientSampleId :

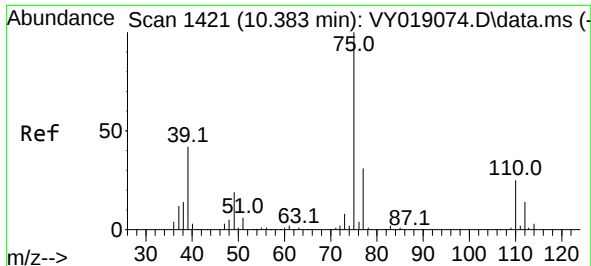
Tgt Ion: 43 Resp: 195850
Ion Ratio Lower Upper
43 100
58 40.5 35.7 53.5



#52
Toluene
Concen: 46.496 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 92 Resp: 172887
Ion Ratio Lower Upper
92 100
91 165.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 44.309 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

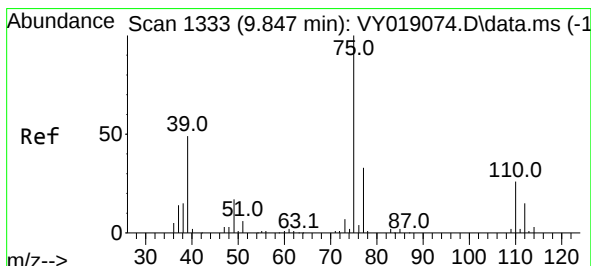
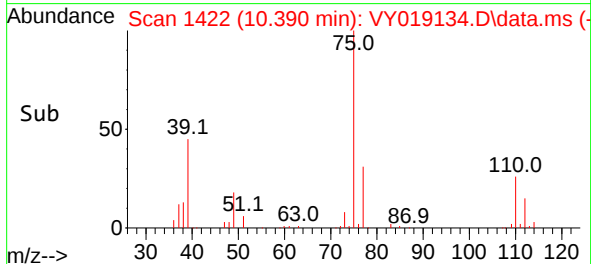
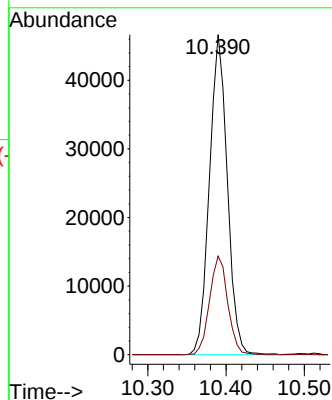
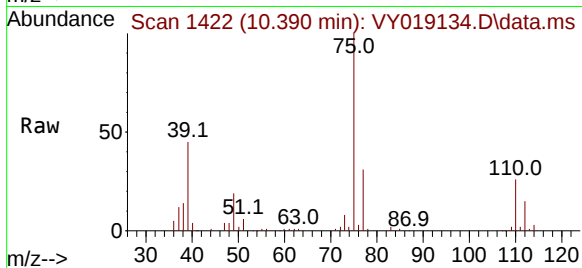
ClientSampleId :

Tgt Ion: 75 Resp: 73817

Ion Ratio Lower Upper

75 100

77 30.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 44.628 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

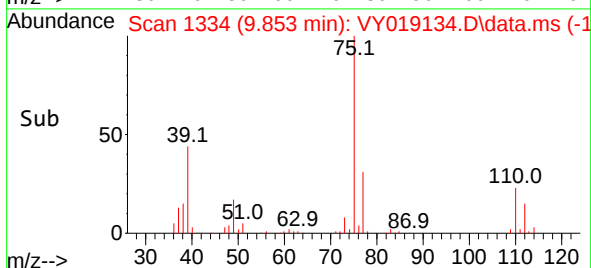
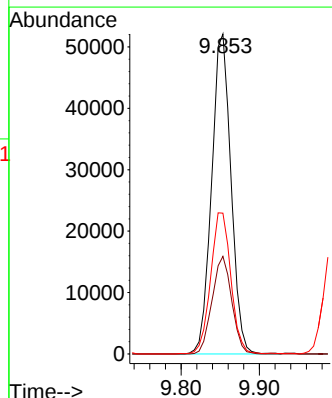
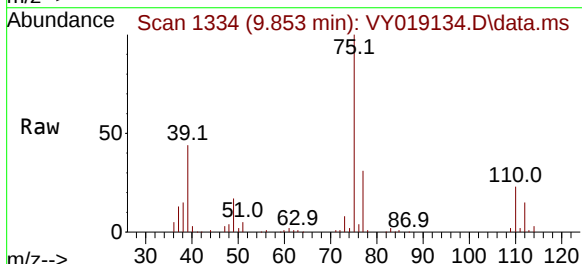
Tgt Ion: 75 Resp: 89413

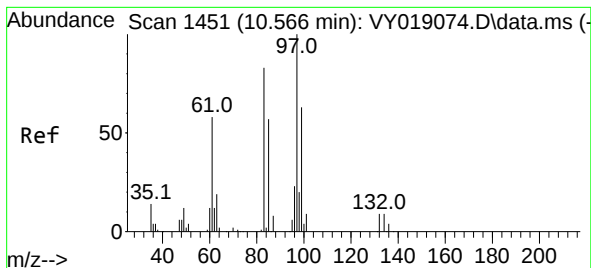
Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

39 43.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 46.567 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 49072

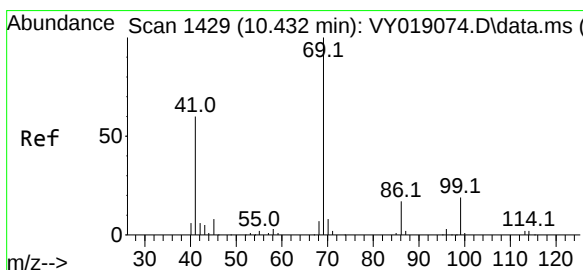
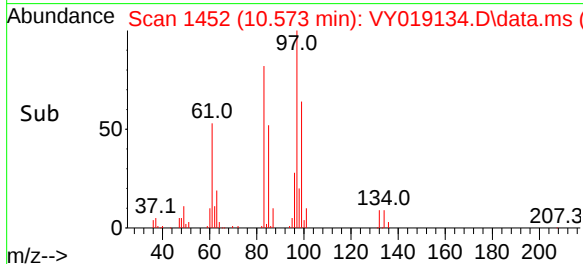
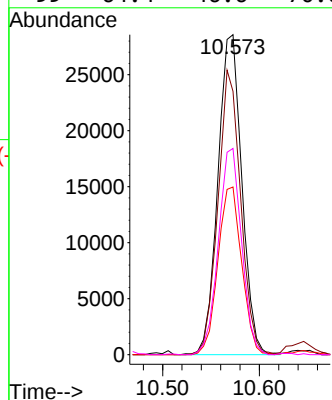
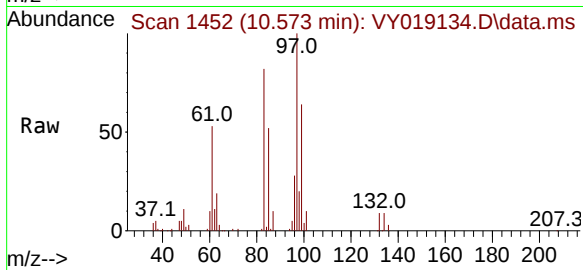
Ion Ratio Lower Upper

97 100

83 82.3 67.5 101.3

85 52.4 42.9 64.3

99 64.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 45.665 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

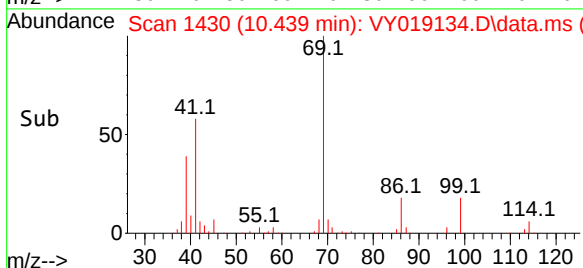
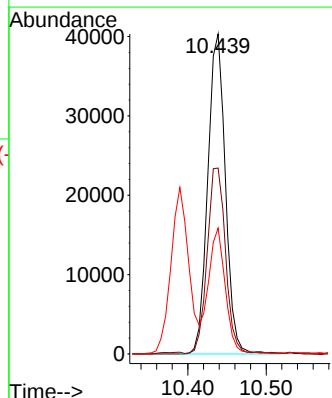
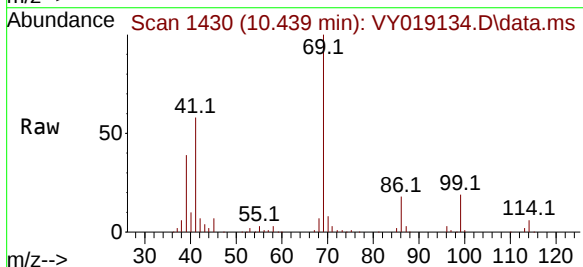
Tgt Ion: 69 Resp: 62987

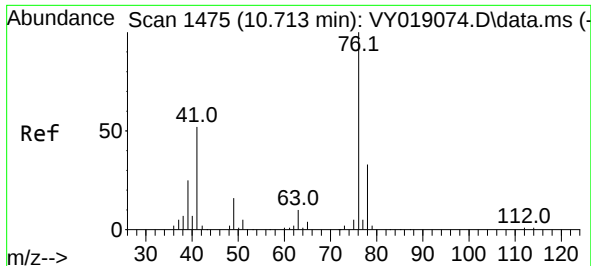
Ion Ratio Lower Upper

69 100

41 60.3 42.3 63.5

39 37.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 45.027 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

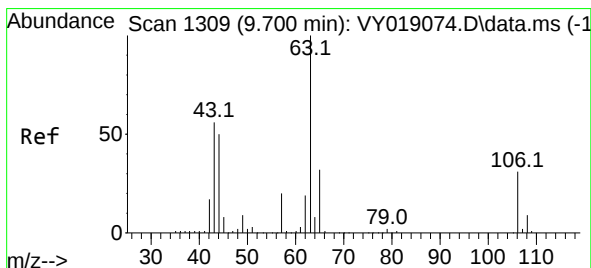
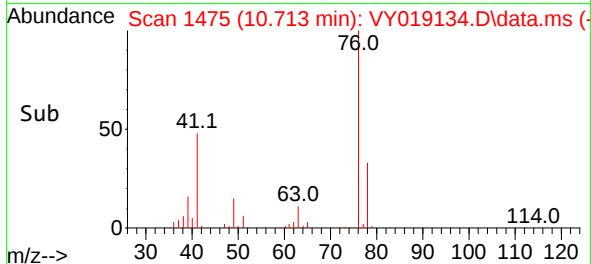
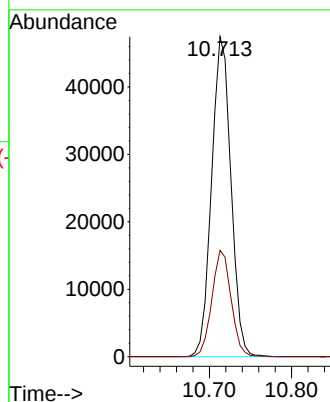
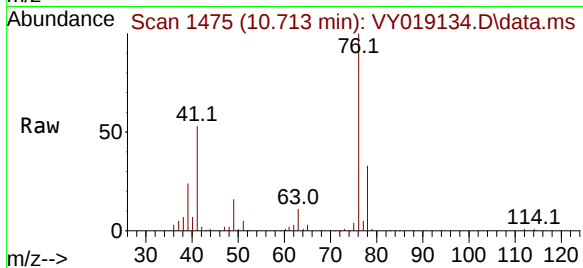
ClientSampleId :

Tgt Ion: 76 Resp: 77349

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.198 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019134.D

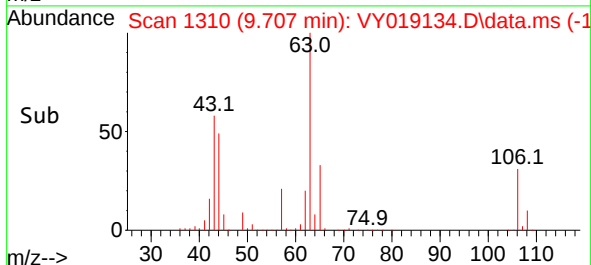
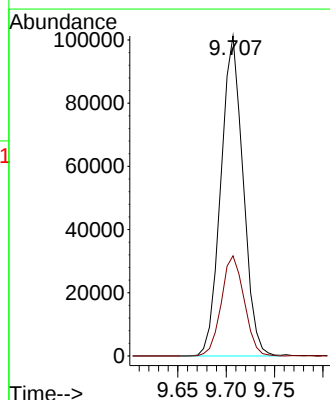
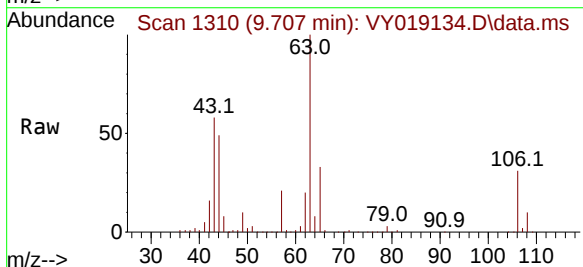
Acq: 19 Aug 2024 23:28

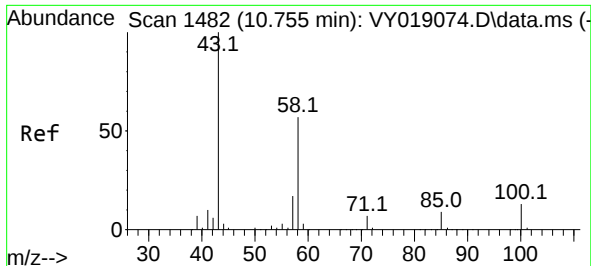
Tgt Ion: 63 Resp: 161752

Ion Ratio Lower Upper

63 100

106 32.1 23.7 35.5

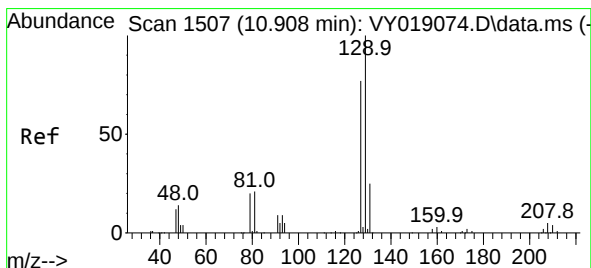
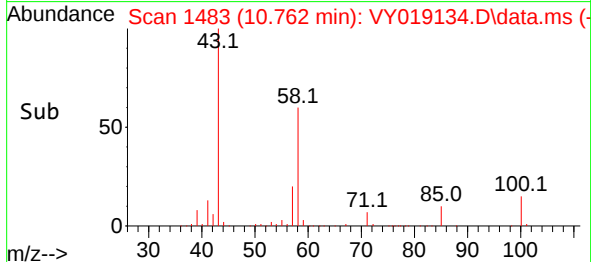
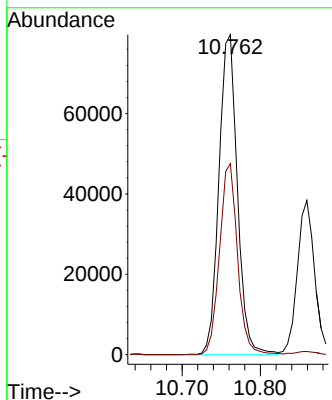
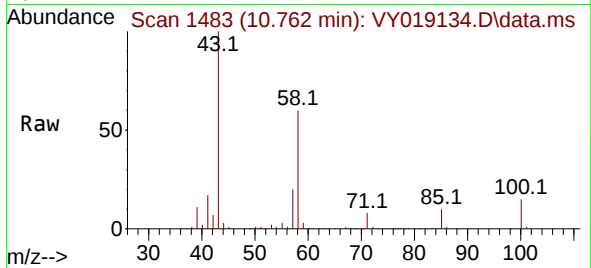




#59
2-Hexanone
Concen: 216.194 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

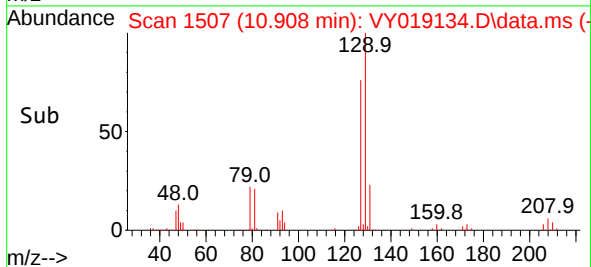
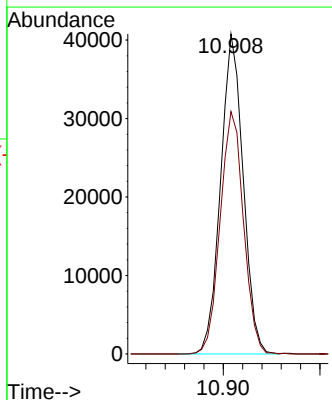
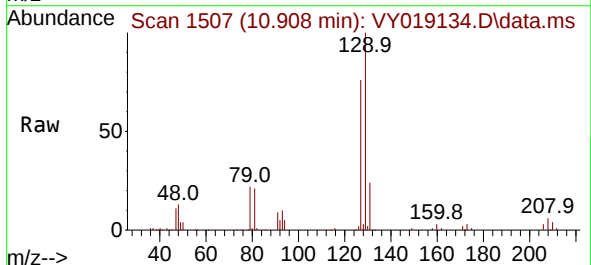
Instrument :
MSVOA_Y
ClientSampleId :

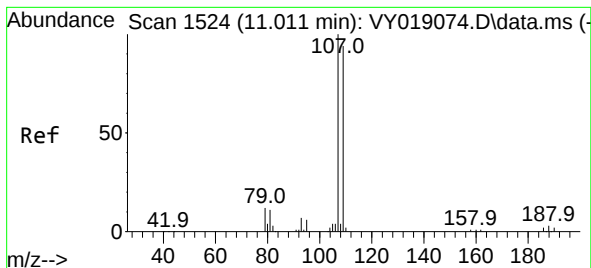
Tgt Ion: 43 Resp: 130463
Ion Ratio Lower Upper
43 100
58 58.4 31.4 94.0



#60
Dibromochloromethane
Concen: 45.841 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion:129 Resp: 65794
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

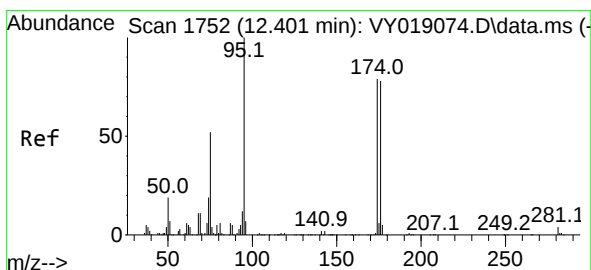
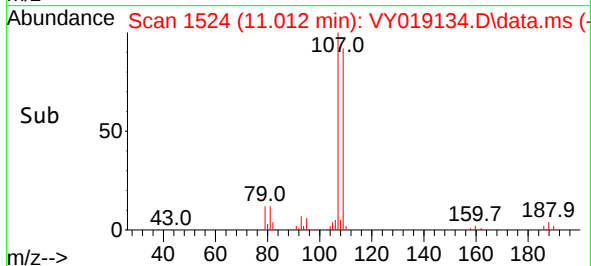
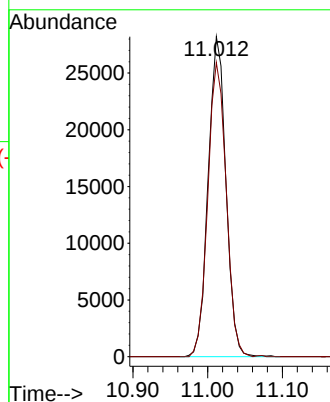
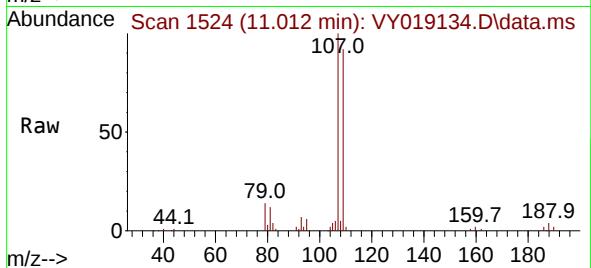




#61
1,2-Dibromoethane
Concen: 45.647 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

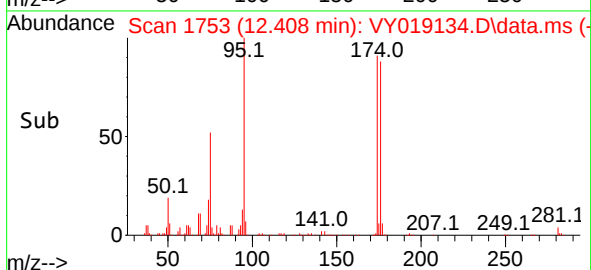
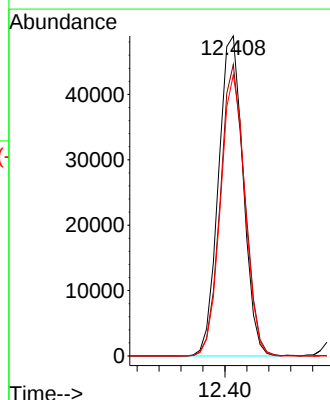
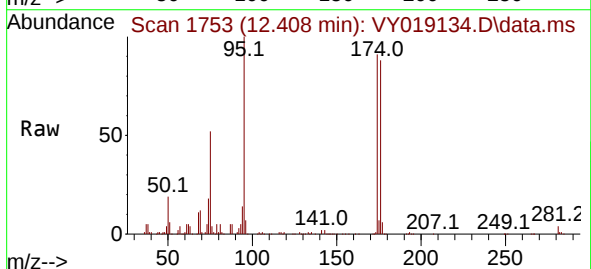
Instrument :
MSVOA_Y
ClientSampleId :

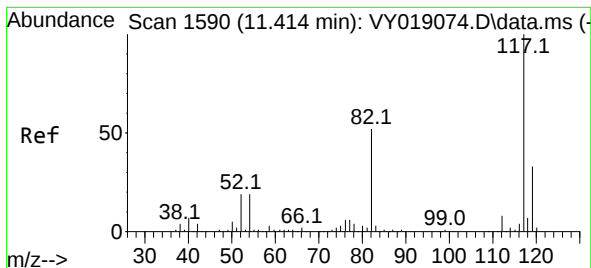
Tgt Ion:107 Resp: 46492
Ion Ratio Lower Upper
107 100
109 95.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.433 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 95 Resp: 76617
Ion Ratio Lower Upper
95 100
174 90.4 0.0 175.6
176 87.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

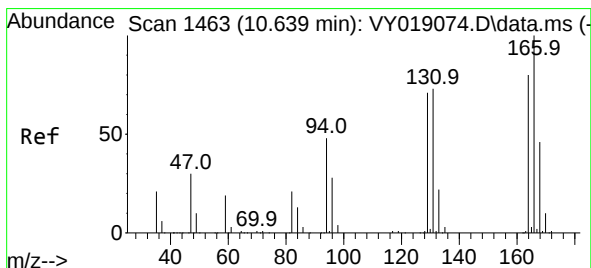
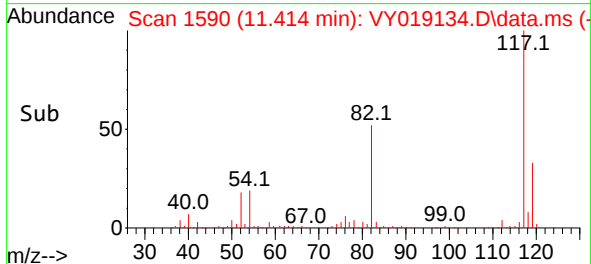
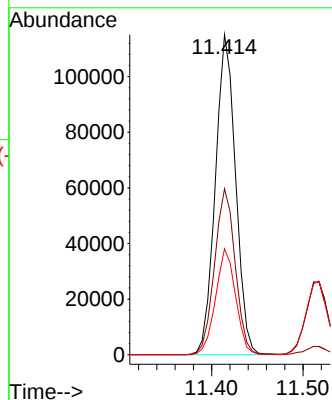
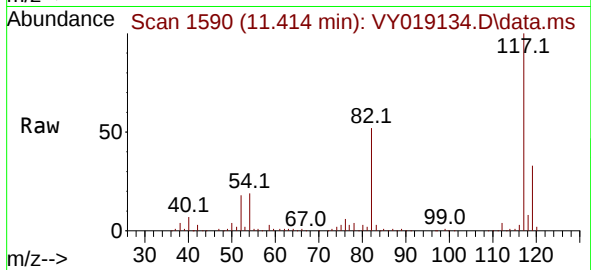
Tgt Ion:117 Resp: 177389

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 33.1 25.9 38.9



#64

Tetrachloroethene

Concen: 47.716 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Tgt Ion:164 Resp: 73985

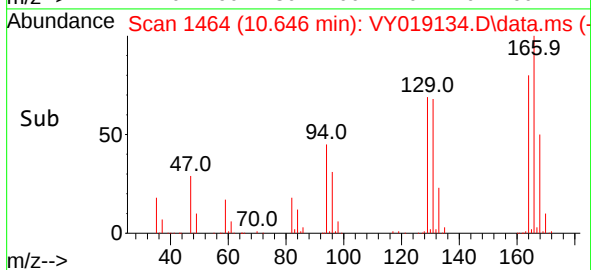
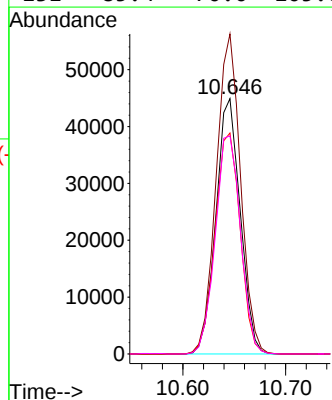
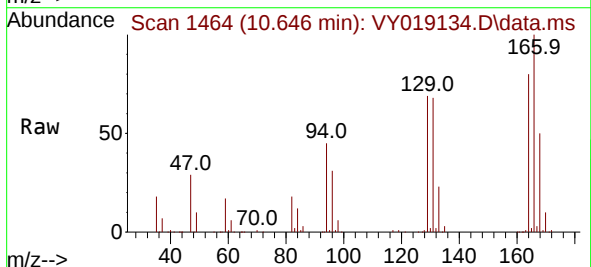
Ion Ratio Lower Upper

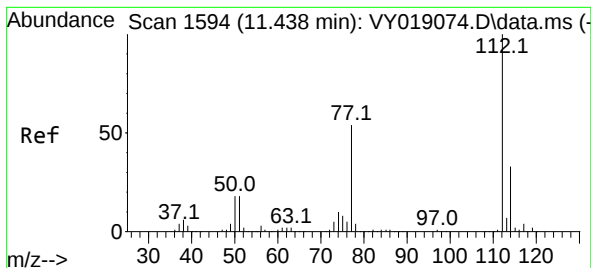
164 100

166 125.3 102.6 154.0

129 86.5 72.0 108.0

131 85.4 70.0 105.0





#65

Chlorobenzene

Concen: 46.435 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

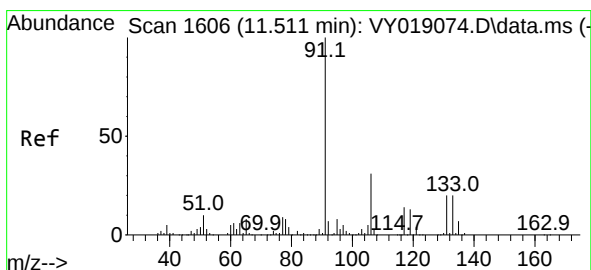
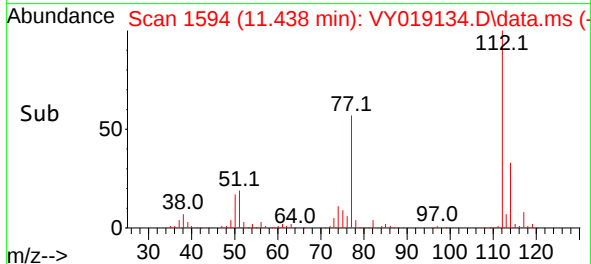
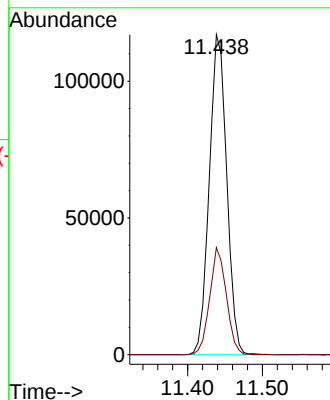
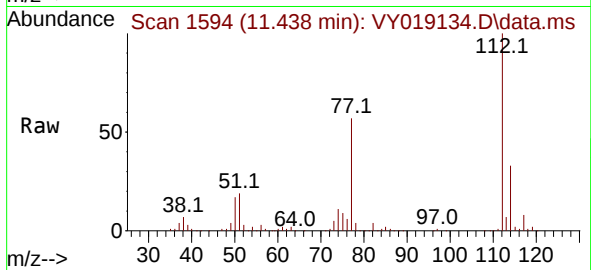
ClientSampleId :

Tgt Ion:112 Resp: 189669

Ion Ratio Lower Upper

112 100

114 33.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 46.528 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

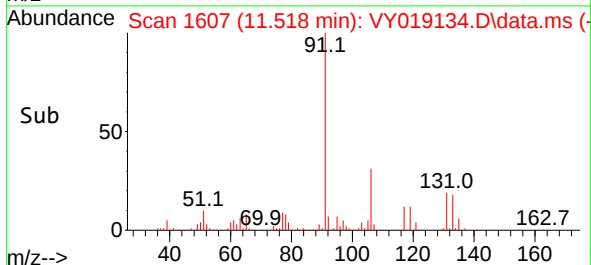
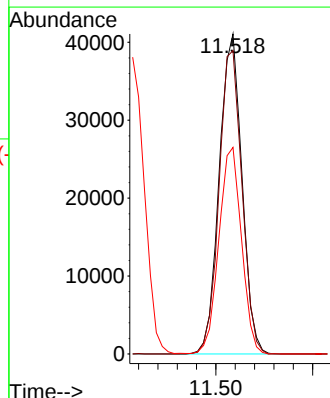
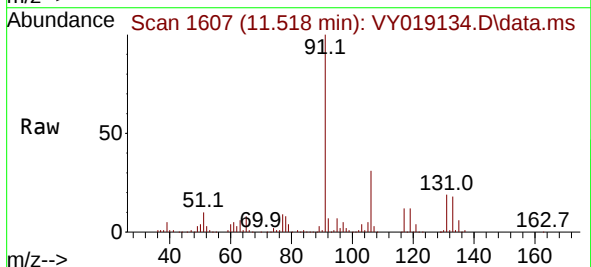
Tgt Ion:131 Resp: 66833

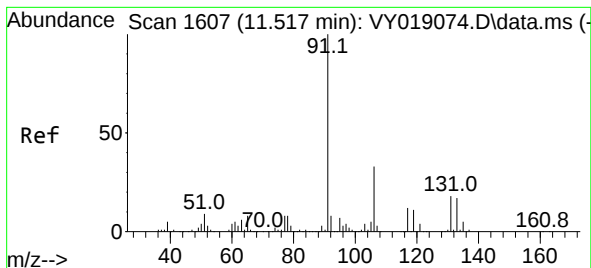
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 64.4 34.1 102.2





#67

Ethyl Benzene

Concen: 46.396 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

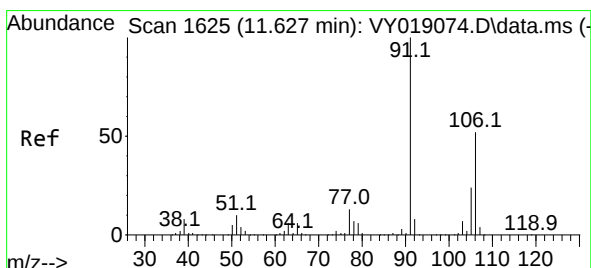
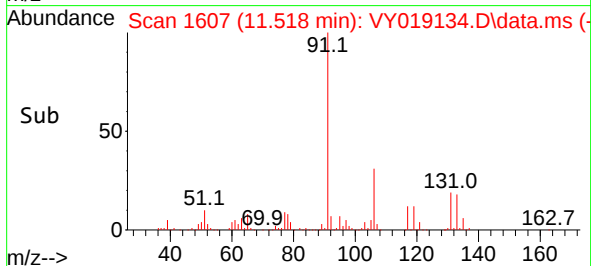
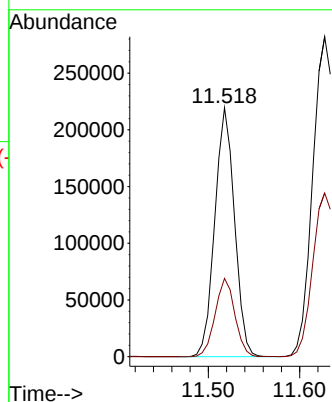
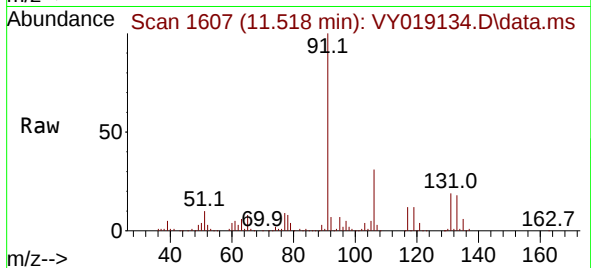
ClientSampleId :

Tgt Ion: 91 Resp: 328925

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 93.080 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019134.D

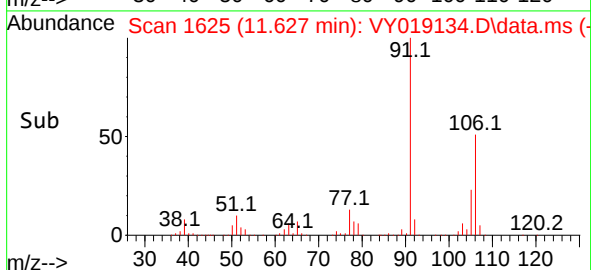
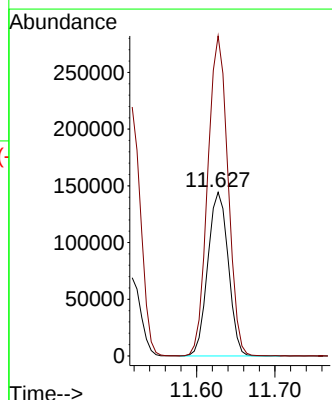
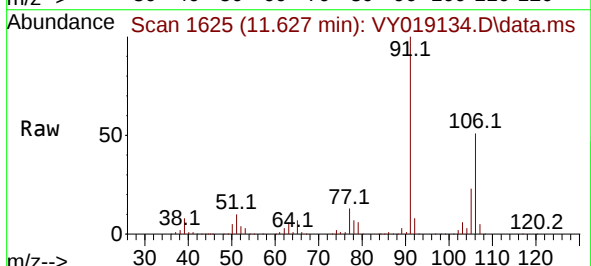
Acq: 19 Aug 2024 23:28

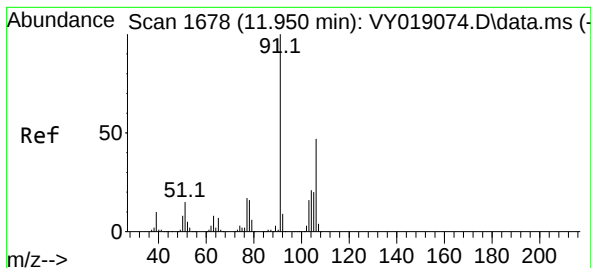
Tgt Ion:106 Resp: 261839

Ion Ratio Lower Upper

106 100

91 193.3 156.0 234.0





#69

o-Xylene

Concen: 48.334 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

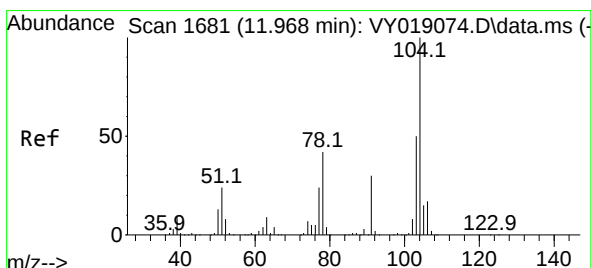
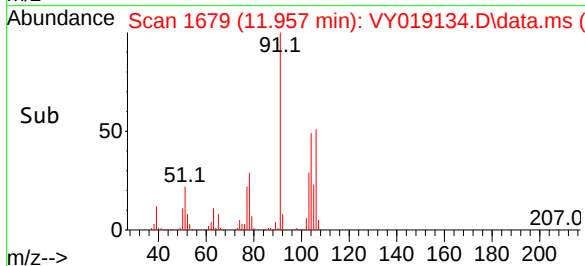
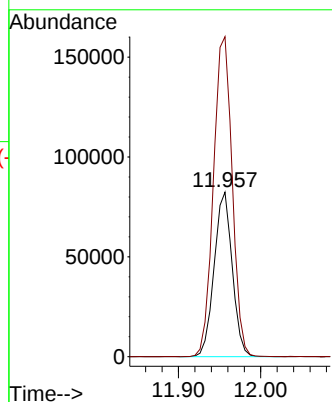
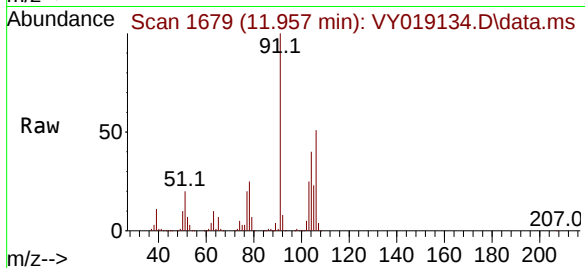
ClientSampleId :

Tgt Ion:106 Resp: 125910

Ion Ratio Lower Upper

106 100

91 201.6 103.6 310.8



#70

Styrene

Concen: 48.253 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

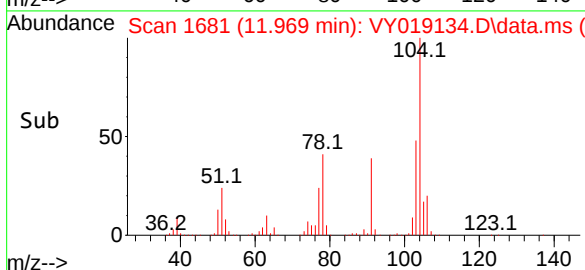
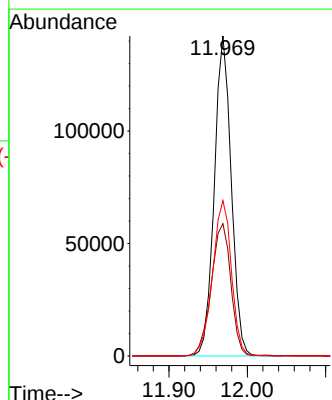
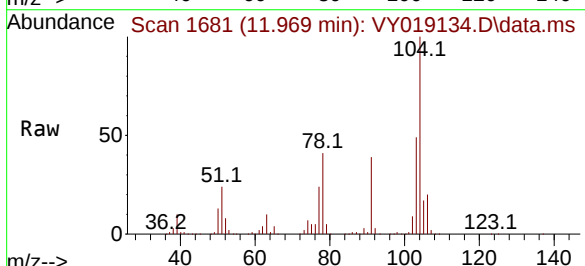
Tgt Ion:104 Resp: 214353

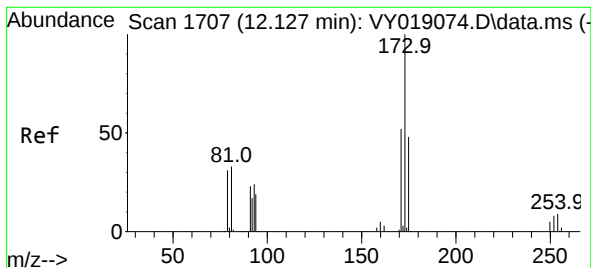
Ion Ratio Lower Upper

104 100

78 47.8 37.0 55.4

103 53.9 44.2 66.2





#71

Bromoform

Concen: 48.172 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

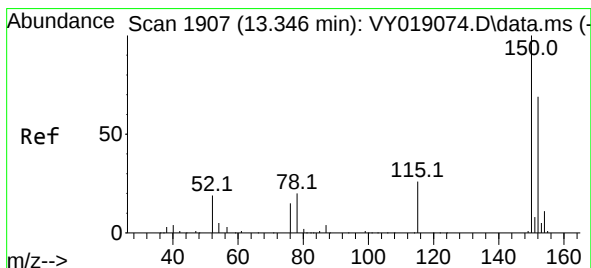
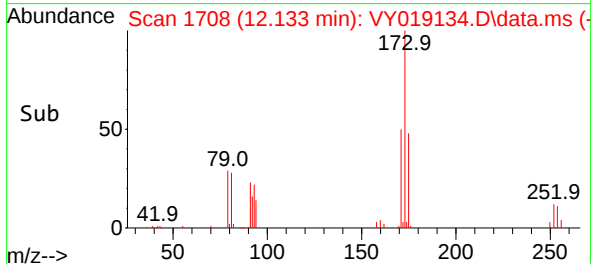
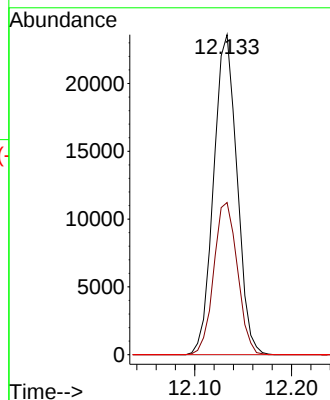
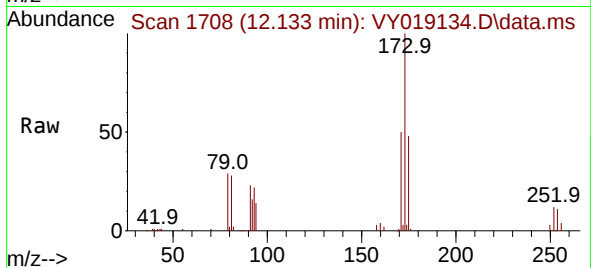
Tgt Ion:173 Resp: 39555

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

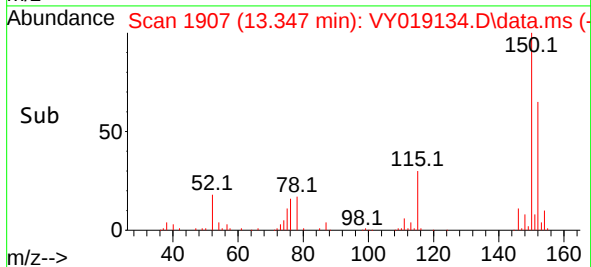
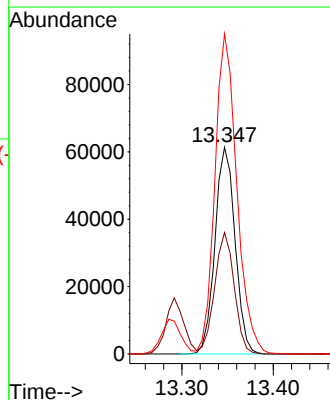
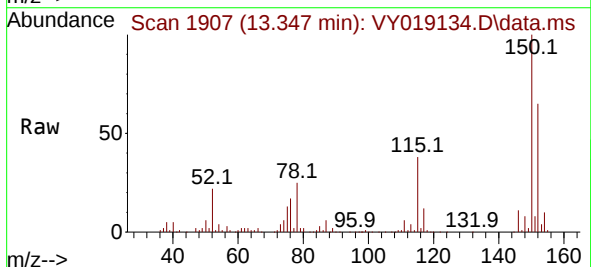
Tgt Ion:152 Resp: 93757

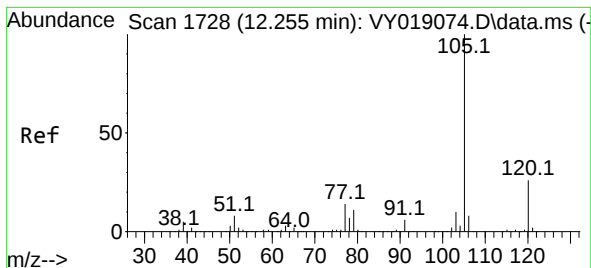
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 168.6 0.0 345.6





#73

Isopropylbenzene

Concen: 44.388 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

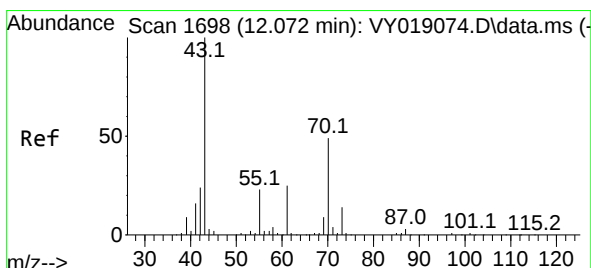
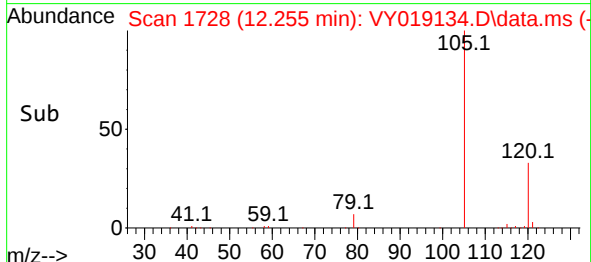
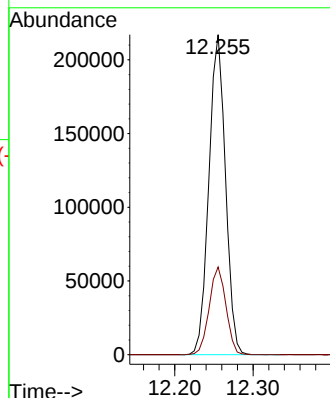
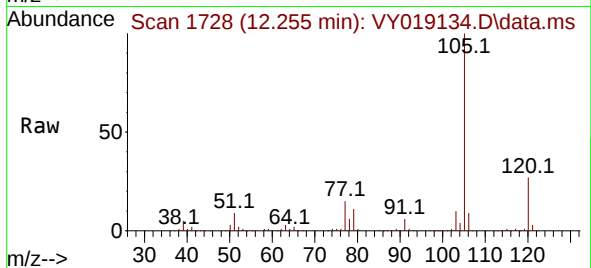
ClientSampleId :

Tgt Ion:105 Resp: 318970

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 41.414 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Tgt Ion: 43 Resp: 64895

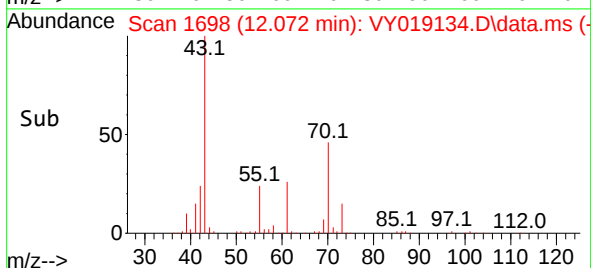
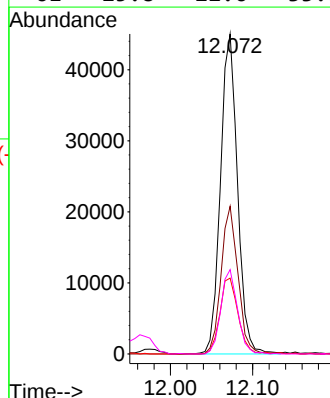
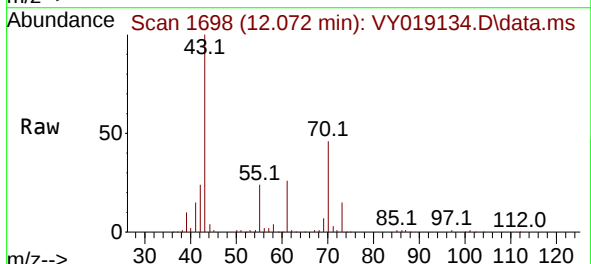
Ion Ratio Lower Upper

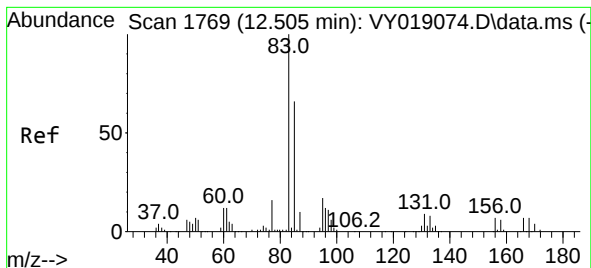
43 100

70 45.7 41.4 62.2

55 25.4 23.3 34.9

61 25.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 42.527 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

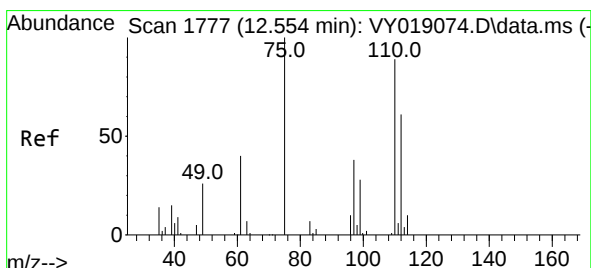
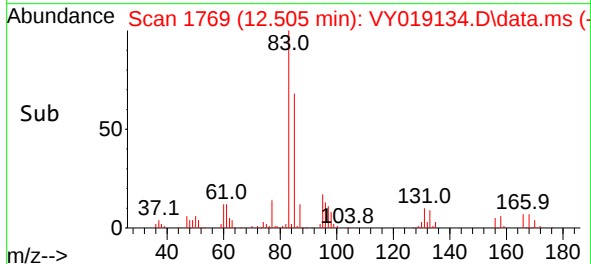
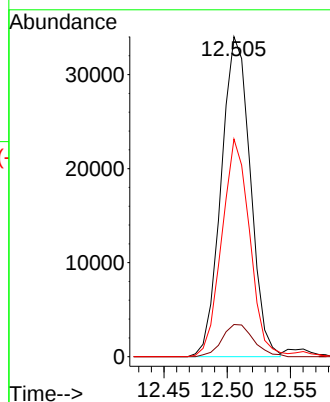
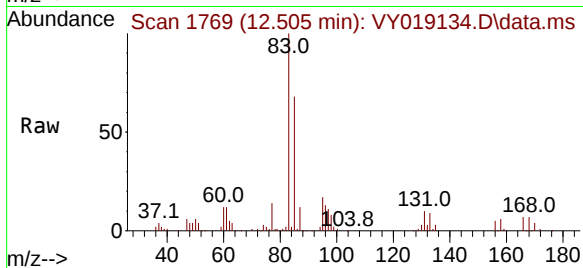
Tgt Ion: 83 Resp: 54406

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 65.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 72.359 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019134.D

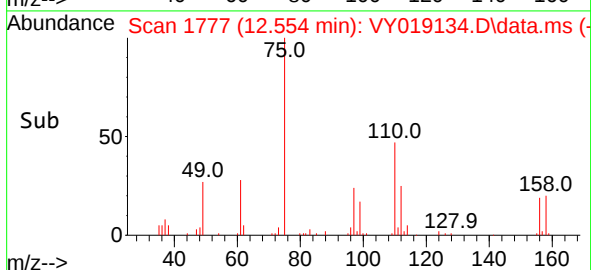
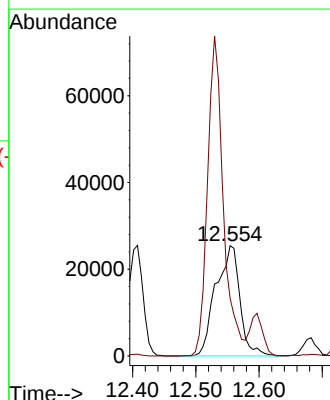
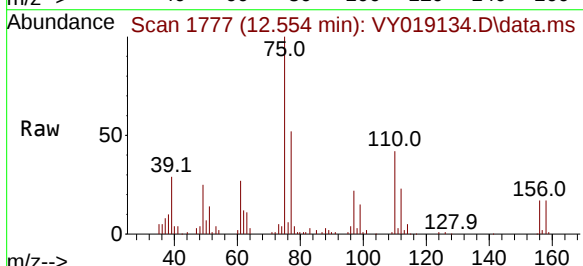
Acq: 19 Aug 2024 23:28

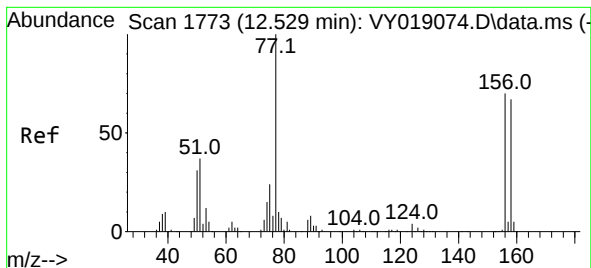
Tgt Ion: 75 Resp: 66904

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.353 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

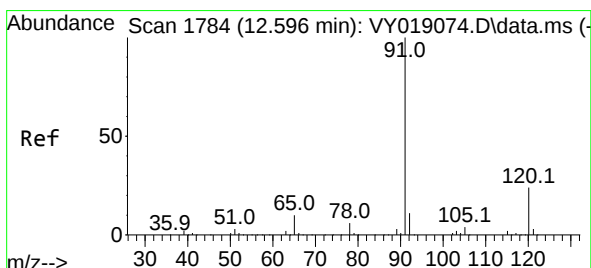
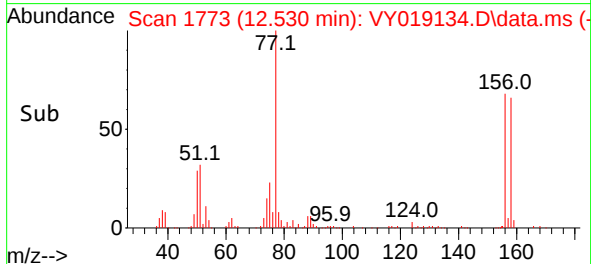
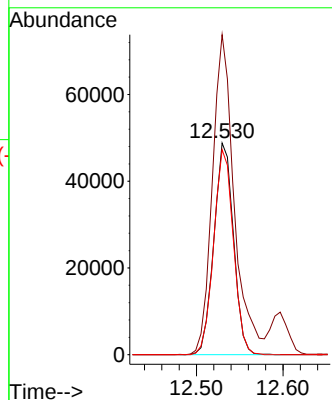
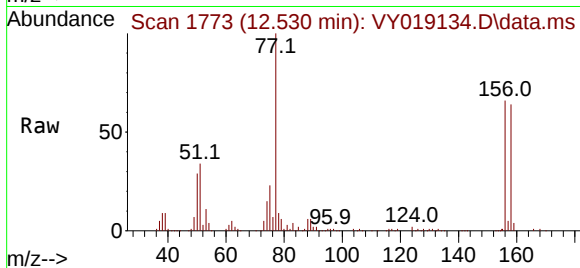
Tgt Ion:156 Resp: 76544

Ion Ratio Lower Upper

156 100

77 168.7 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 43.574 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019134.D

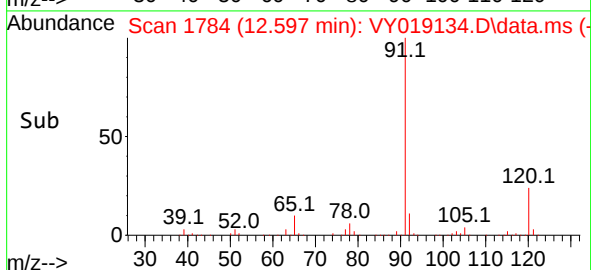
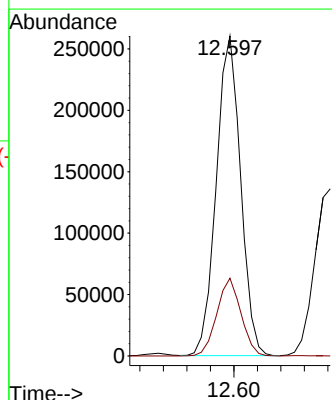
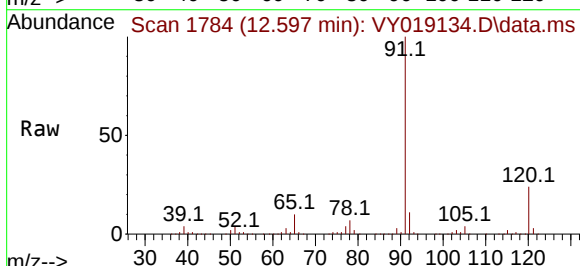
Acq: 19 Aug 2024 23:28

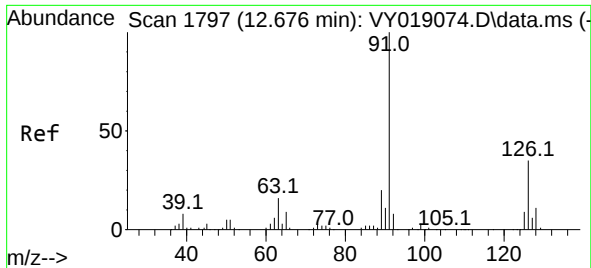
Tgt Ion: 91 Resp: 374321

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

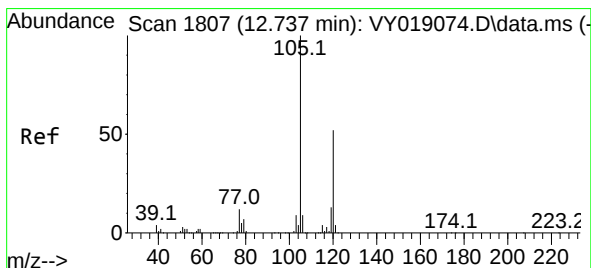
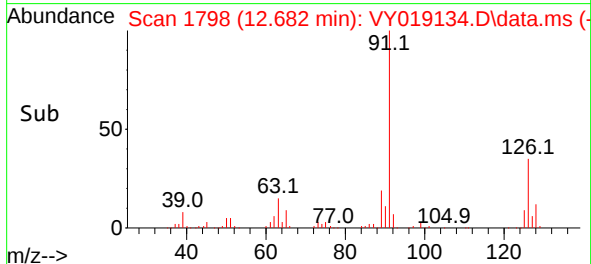
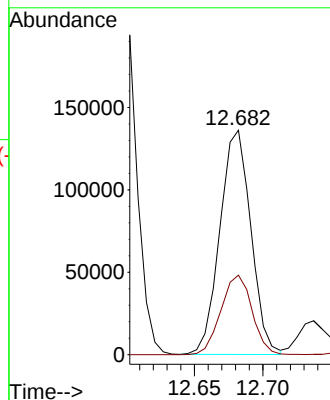
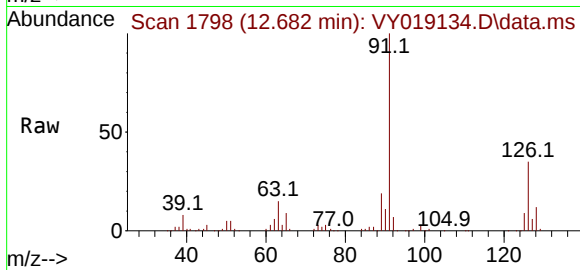




#79
2-Chlorotoluene
Concen: 44.471 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

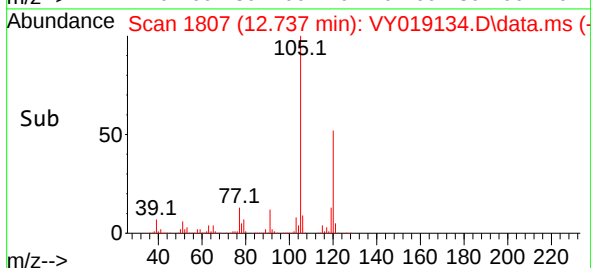
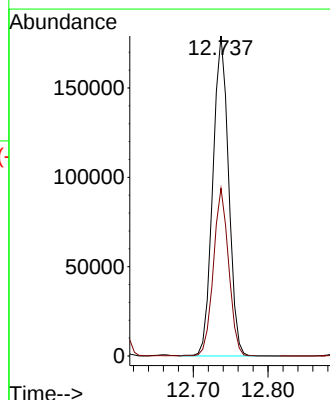
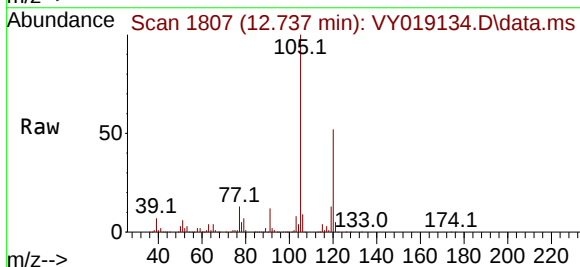
Instrument :
MSVOA_Y
ClientSampleId :

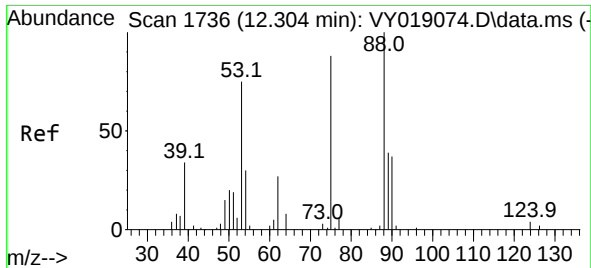
Tgt Ion: 91 Resp: 214177
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.822 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 105 Resp: 262391
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

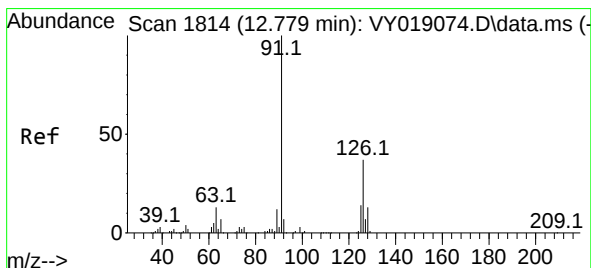
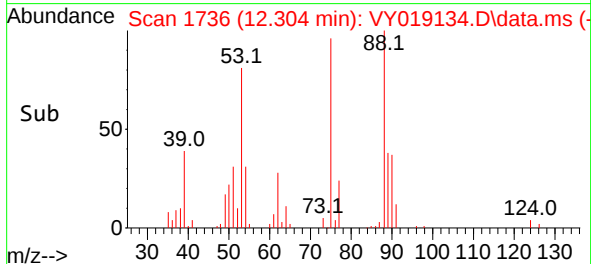
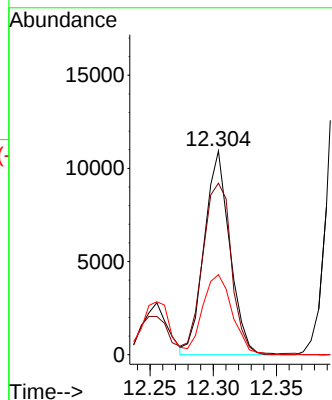
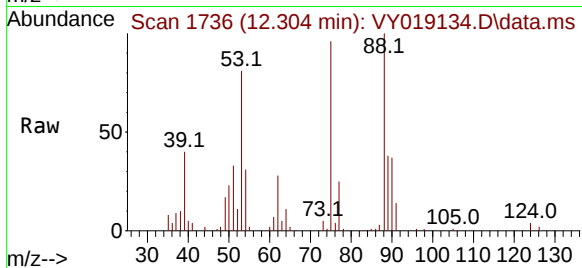




#81
trans-1,4-Dichloro-2-butene
Concen: 41.123 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

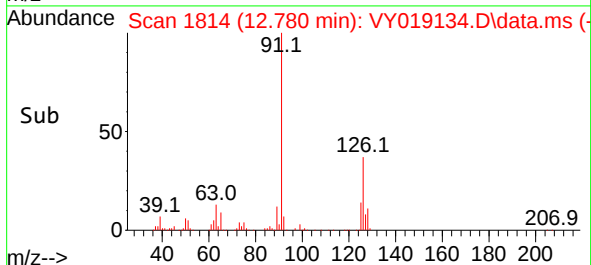
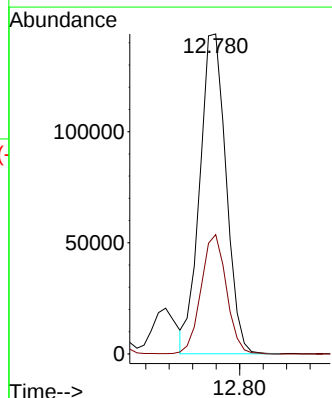
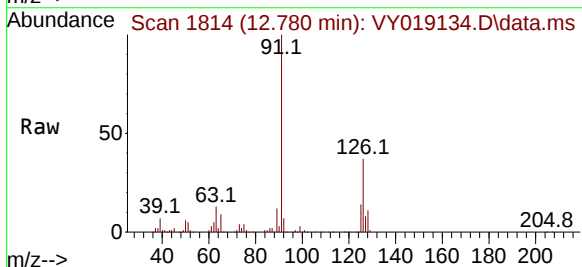
Instrument :
MSVOA_Y
ClientSampleId :

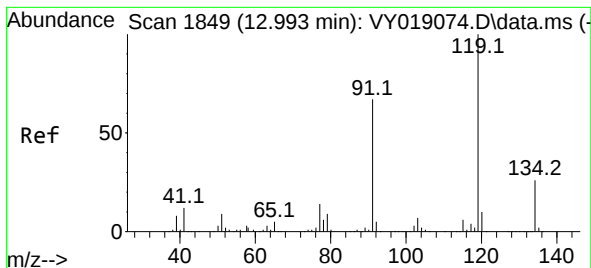
Tgt Ion: 75 Resp: 15396
Ion Ratio Lower Upper
75 100
53 94.4 66.8 100.2
89 44.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 44.573 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019134.D
Acq: 19 Aug 2024 23:28

Tgt Ion: 91 Resp: 223339
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 44.139 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

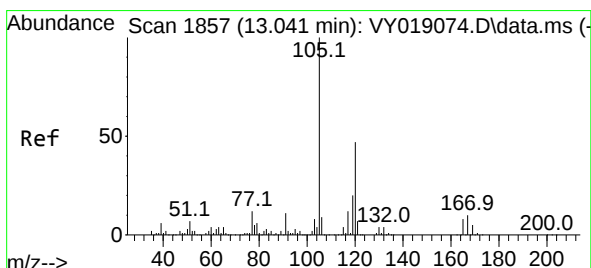
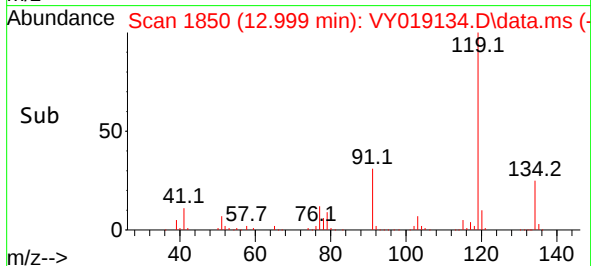
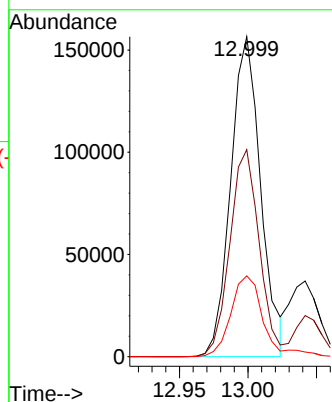
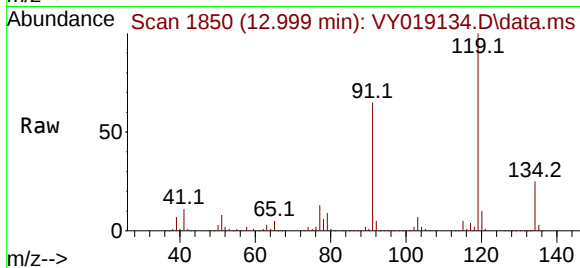
Tgt Ion:119 Resp: 238621

Ion Ratio Lower Upper

119 100

91 63.4 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.935 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019134.D

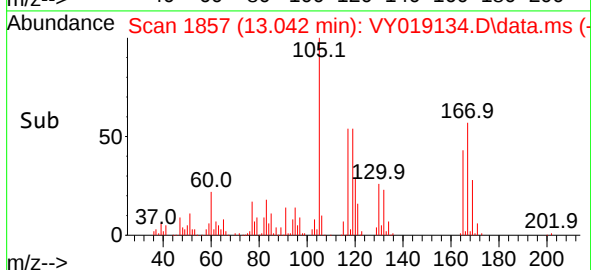
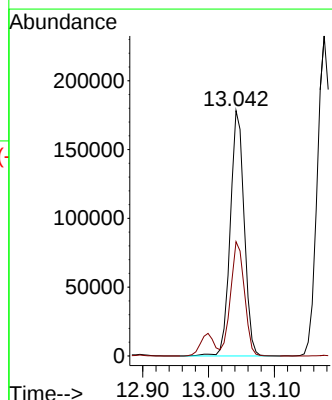
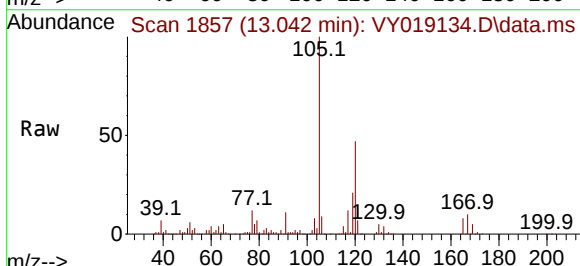
Acq: 19 Aug 2024 23:28

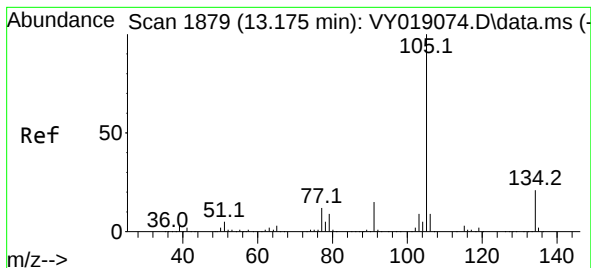
Tgt Ion:105 Resp: 262175

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 43.765 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

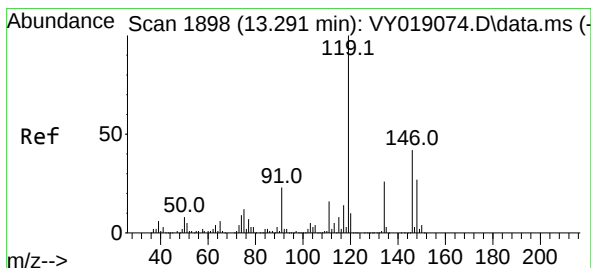
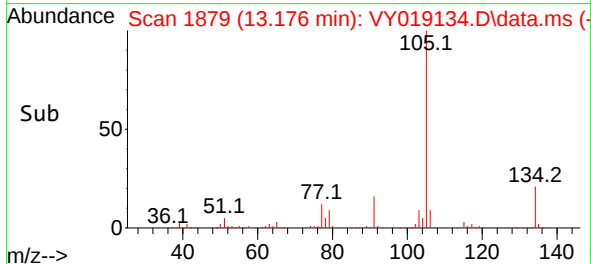
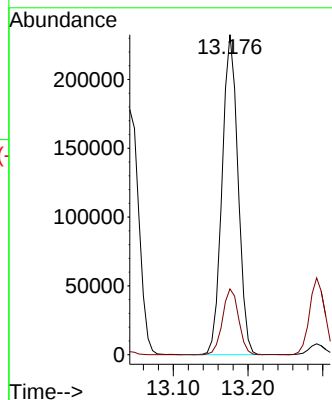
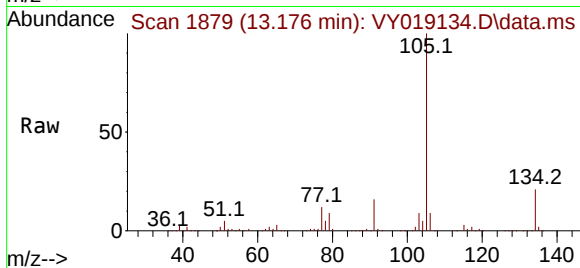
ClientSampleId :

Tgt Ion:105 Resp: 344790

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 45.678 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

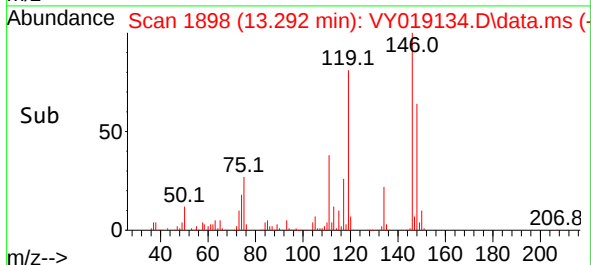
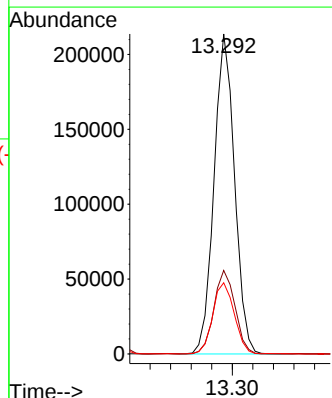
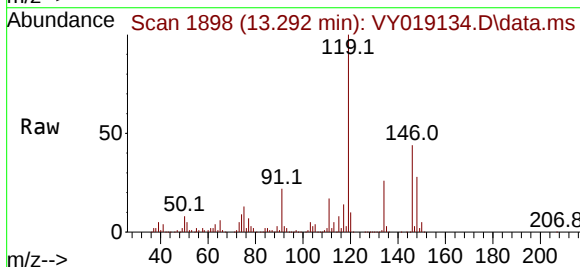
Tgt Ion:119 Resp: 295588

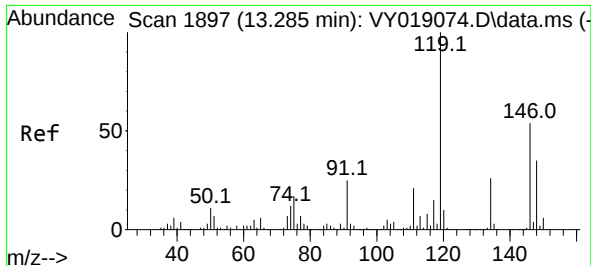
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.506 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

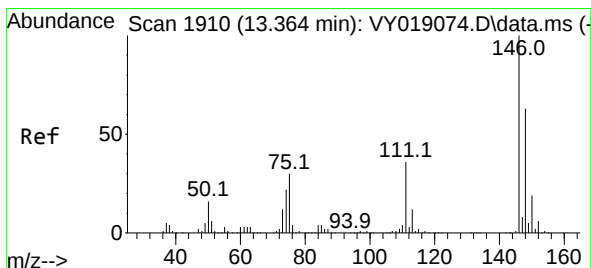
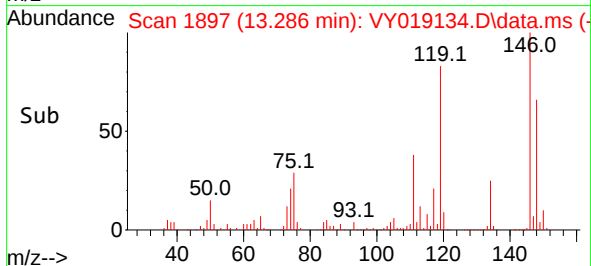
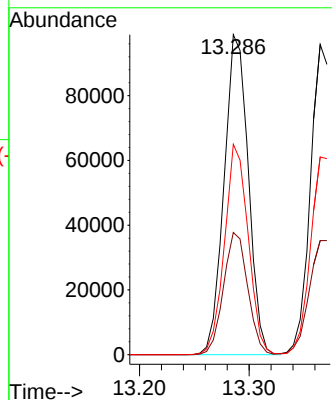
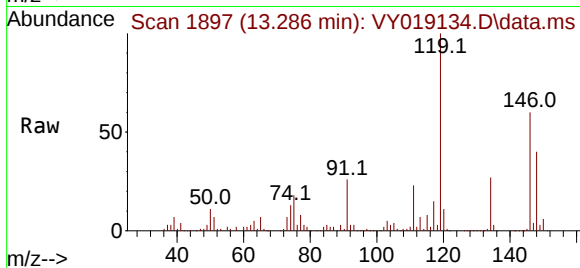
Tgt Ion:146 Resp: 151474

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 44.183 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

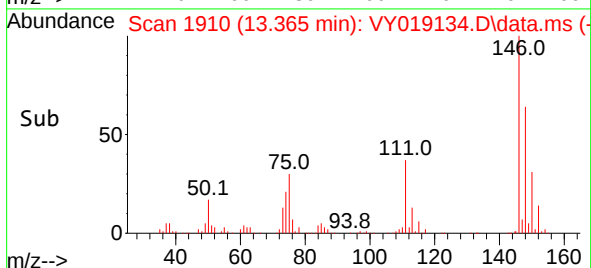
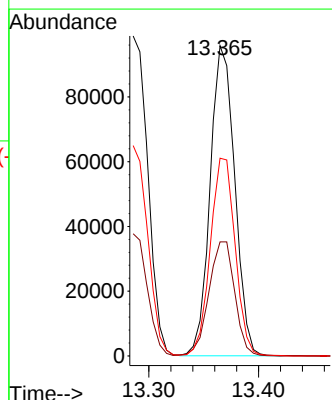
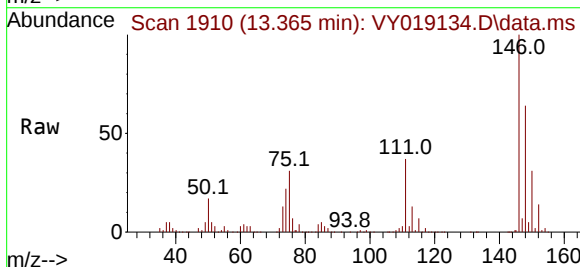
Tgt Ion:146 Resp: 149478

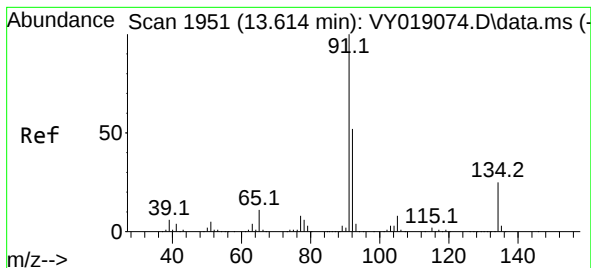
Ion Ratio Lower Upper

146 100

111 38.8 18.4 55.4

148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 43.873 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

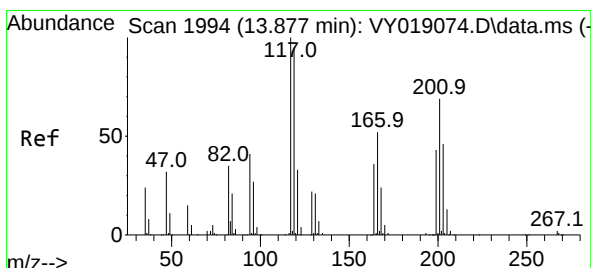
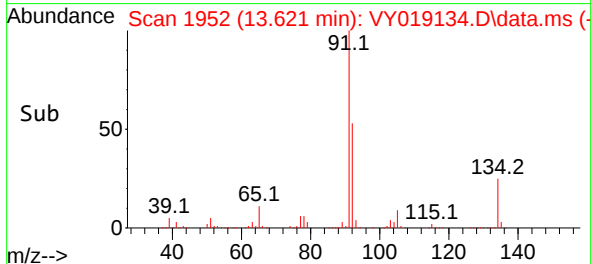
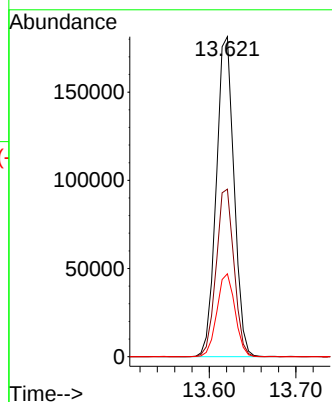
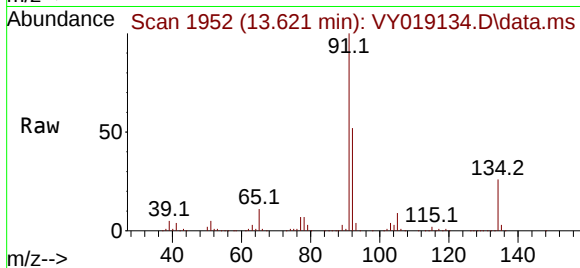
Tgt Ion: 91 Resp: 258844

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 26.4 12.9 38.7



#90

Hexachloroethane

Concen: 45.449 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019134.D

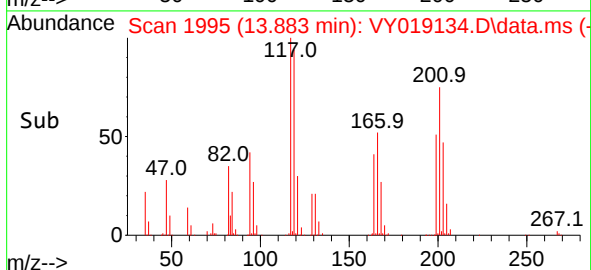
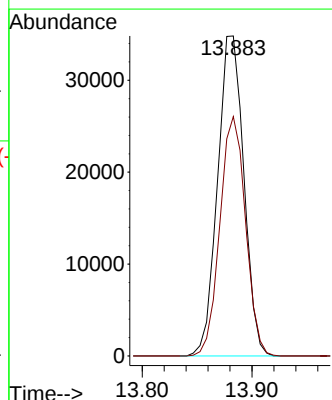
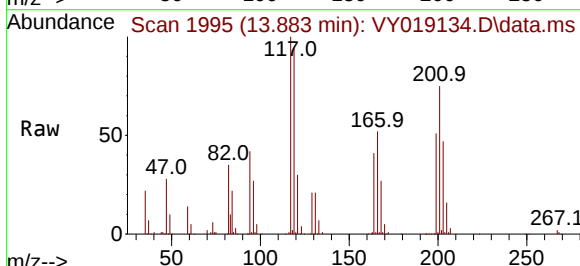
Acq: 19 Aug 2024 23:28

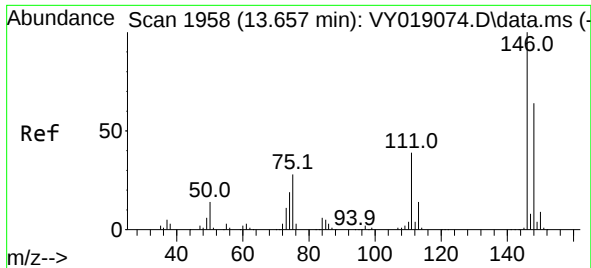
Tgt Ion: 117 Resp: 57969

Ion Ratio Lower Upper

117 100

201 73.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 45.451 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

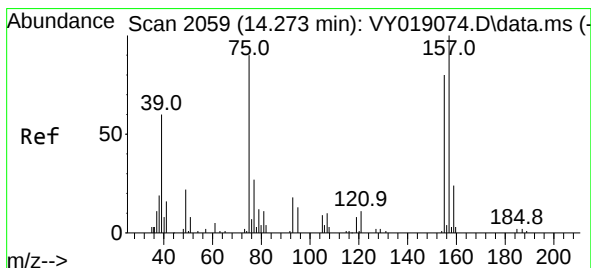
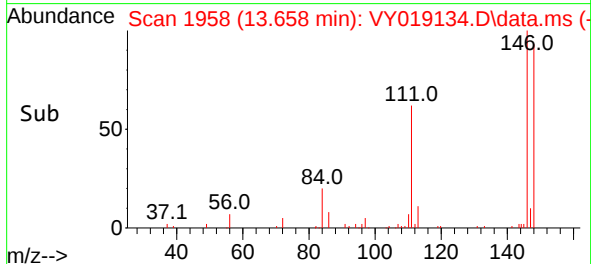
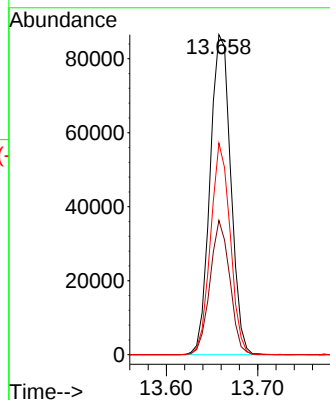
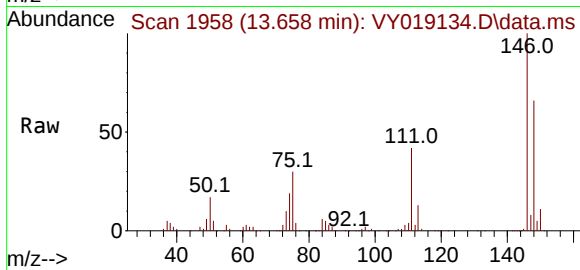
Tgt Ion:146 Resp: 136051

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.7

148 62.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.425 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

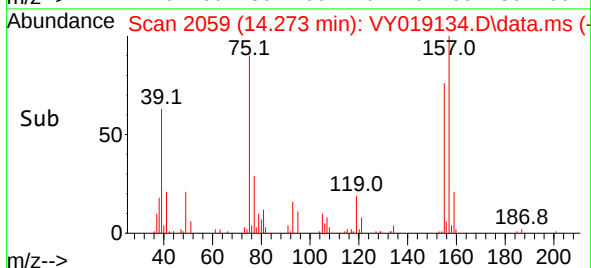
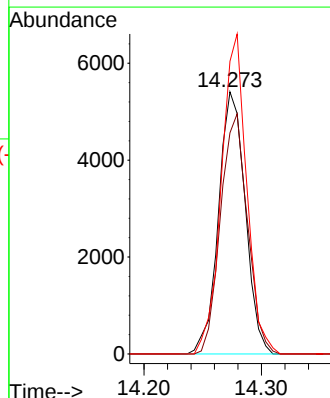
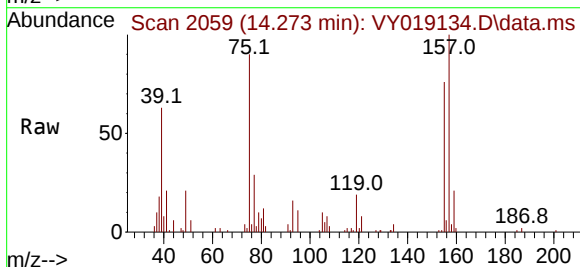
Tgt Ion: 75 Resp: 8549

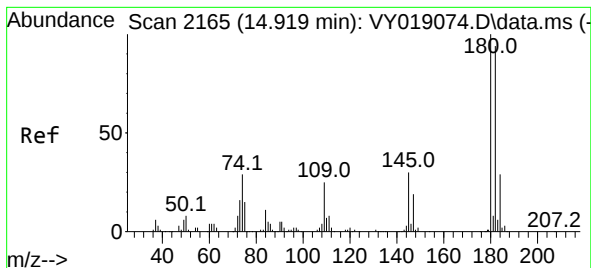
Ion Ratio Lower Upper

75 100

155 92.3 48.6 145.8

157 115.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 43.872 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

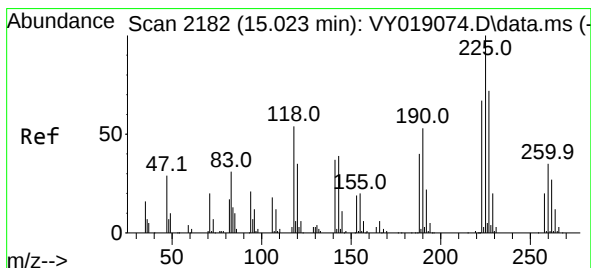
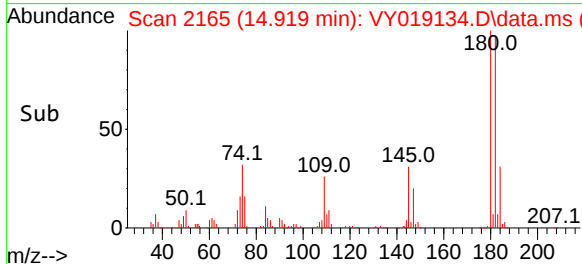
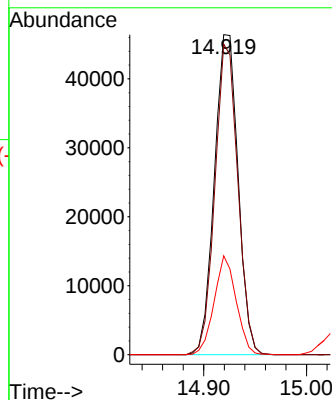
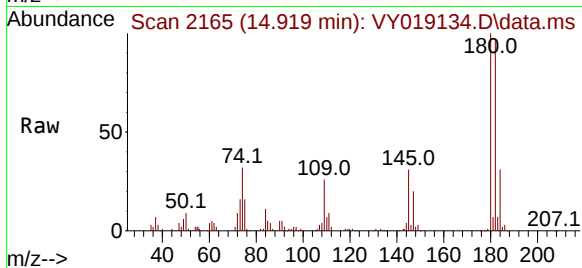
Tgt Ion:180 Resp: 74059

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.685 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

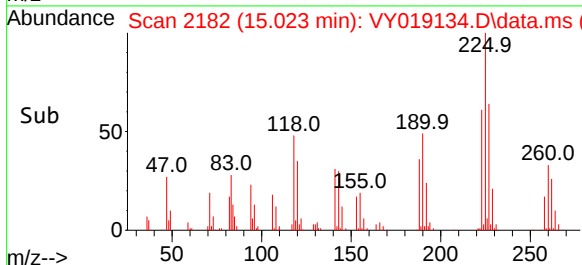
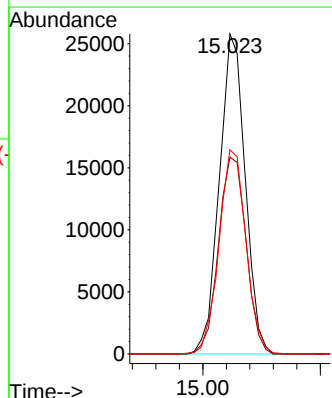
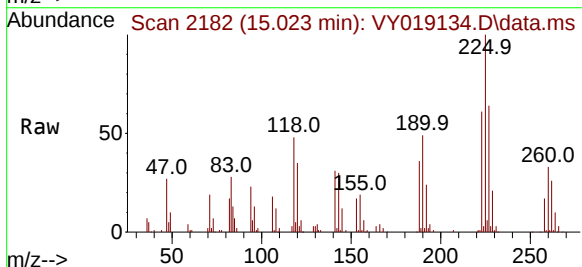
Tgt Ion:225 Resp: 39290

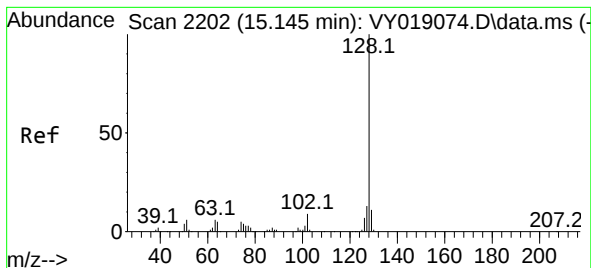
Ion Ratio Lower Upper

225 100

223 65.7 30.4 91.2

227 66.9 31.9 95.9





#95

Naphthalene

Concen: 45.609 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Instrument :

MSVOA_Y

ClientSampleId :

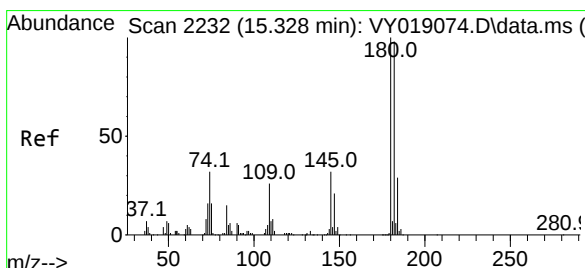
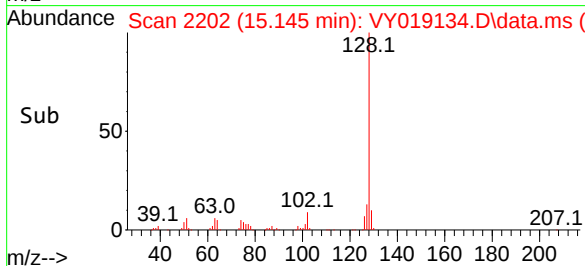
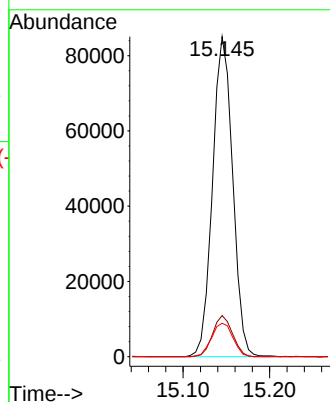
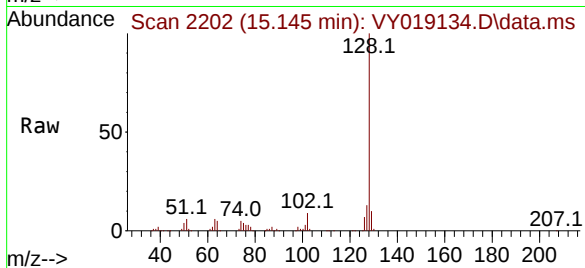
Tgt Ion:128 Resp: 137408

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.684 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019134.D

Acq: 19 Aug 2024 23:28

Tgt Ion:180 Resp: 65043

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 32.4 15.4 46.1

