

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019300.D
 Acq On : 27 Aug 2024 21:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:31:45 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	7.701	168	91804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	145382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	128485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	64892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41543	45.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.280%
35) Dibromofluoromethane	7.628	113	46992	49.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.103	98	163238	47.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.402	95	57079	48.946	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	27600	40.977	ug/l	98
3) Chloromethane	2.068	50	49995	41.180	ug/l	99
4) Vinyl Chloride	2.196	62	61309	40.883	ug/l	96
5) Bromomethane	2.586	94	51891	57.566	ug/l	96
6) Chloroethane	2.727	64	44975	46.877	ug/l	98
7) Trichlorofluoromethane	3.044	101	93369	41.181	ug/l	97
8) Diethyl Ether	3.440	74	21999	44.952	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.799	101	45066	44.711	ug/l	98
10) Methyl Iodide	3.988	142	47711	48.292	ug/l	97
11) Tert butyl alcohol	4.836	59	17821	222.742	ug/l #	79
12) 1,1-Dichloroethene	3.781	96	43092	47.057	ug/l	97
13) Acrolein	3.641	56	11133	153.469	ug/l	95
14) Allyl chloride	4.373	41	55894	45.908	ug/l	94
15) Acrylonitrile	5.037	53	49693	248.163	ug/l	99
16) Acetone	3.854	43	38863	227.714	ug/l	90
17) Carbon Disulfide	4.092	76	114657	44.391	ug/l	99
18) Methyl Acetate	4.366	43	25086	47.893	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	105855	47.679	ug/l	99
20) Methylene Chloride	4.598	84	51511	48.240	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	49629	48.509	ug/l	86
22) Diisopropyl ether	6.006	45	129654	46.517	ug/l	95
23) Vinyl Acetate	5.945	43	515559	233.636	ug/l	97
24) 1,1-Dichloroethane	5.903	63	81503	47.816	ug/l	98
25) 2-Butanone	6.878	43	65621	238.751	ug/l	89
26) 2,2-Dichloropropane	6.872	77	60662	43.949	ug/l	97
27) cis-1,2-Dichloroethene	6.872	96	59176	49.149	ug/l	97
28) Bromochloromethane	7.232	49	35954	50.285	ug/l	99
29) Tetrahydrofuran	7.250	42	41797	236.566	ug/l	95
30) Chloroform	7.409	83	92091	48.486	ug/l	100
31) Cyclohexane	7.689	56	63554	48.118	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	79930	47.886	ug/l	97
36) 1,1-Dichloropropene	7.823	75	62194	47.646	ug/l	99
37) Ethyl Acetate	6.970	43	28673	49.579	ug/l	96
38) Carbon Tetrachloride	7.805	117	70893	46.864	ug/l	98
39) Methylcyclohexane	9.103	83	77813	46.452	ug/l	97
40) Benzene	8.067	78	197262	49.274	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	39439	124.943	ug/l #	26
42) 1,2-Dichloroethane	8.146	62	49727	45.997	ug/l	100
43) Isopropyl Acetate	8.189	43	55619	47.554	ug/l	95
44) Trichloroethene	8.860	130	54720	48.986	ug/l	87
45) 1,2-Dichloropropane	9.134	63	45553	51.070	ug/l	98
46) Dibromomethane	9.225	93	28428	49.139	ug/l	98
47) Bromodichloromethane	9.420	83	72406	51.013	ug/l	96
48) Methyl methacrylate	9.213	41	25428	48.783	ug/l	92
49) 1,4-Dioxane	9.225	88	7257	1035.523	ug/l #	96
51) 4-Methyl-2-Pentanone	9.993	43	151185	243.541	ug/l	94
52) Toluene	10.170	92	129657	49.338	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	58759	49.906	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	71207	50.288	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	37696	50.615	ug/l	96
56) Ethyl methacrylate	10.439	69	49079	50.347	ug/l #	89
57) 1,3-Dichloropropane	10.713	76	60736	50.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	116554	252.035	ug/l	94
59) 2-Hexanone	10.762	43	103516	242.718	ug/l	94
60) Dibromochloromethane	10.908	129	51111	50.387	ug/l	98
61) 1,2-Dibromoethane	11.012	107	35906	49.881	ug/l	99
64) Tetrachloroethene	10.646	164	58052	51.691	ug/l	96
65) Chlorobenzene	11.438	112	144475	48.833	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	52564	50.522	ug/l	96
67) Ethyl Benzene	11.518	91	248947	48.480	ug/l	99
68) m/p-Xylenes	11.627	106	200423	98.366	ug/l	98
69) o-Xylene	11.957	106	95117	50.411	ug/l	98
70) Styrene	11.969	104	158757	49.340	ug/l	99
71) Bromoform	12.133	173	29900	50.274	ug/l #	97
73) Isopropylbenzene	12.255	105	247765	49.816	ug/l	100
74) N-amyl acetate	12.072	43	50520	46.582	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	42908	48.458	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	53727	83.955	ug/l #	100
77) Bromobenzene	12.530	156	56864	47.606	ug/l	98
78) n-propylbenzene	12.597	91	294050	49.456	ug/l	99
79) 2-Chlorotoluene	12.682	91	161565	48.469	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	201918	49.834	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12783	49.331	ug/l	94
82) 4-Chlorotoluene	12.780	91	169263	48.807	ug/l	97
83) tert-Butylbenzene	12.999	119	185842	49.667	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	199919	49.506	ug/l	100
85) sec-Butylbenzene	13.176	105	274790	50.395	ug/l	99
86) p-Isopropyltoluene	13.292	119	225922	50.442	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	118565	50.333	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	114438	48.872	ug/l	99
89) n-Butylbenzene	13.615	91	204375	50.050	ug/l	99
90) Hexachloroethane	13.877	117	45437	51.469	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	104888	50.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5960	45.755	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	57513	49.225	ug/l	99
94) Hexachlorobutadiene	15.023	225	32251	52.995	ug/l	97
95) Naphthalene	15.145	128	104859	50.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	49094	49.820	ug/l	99

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QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

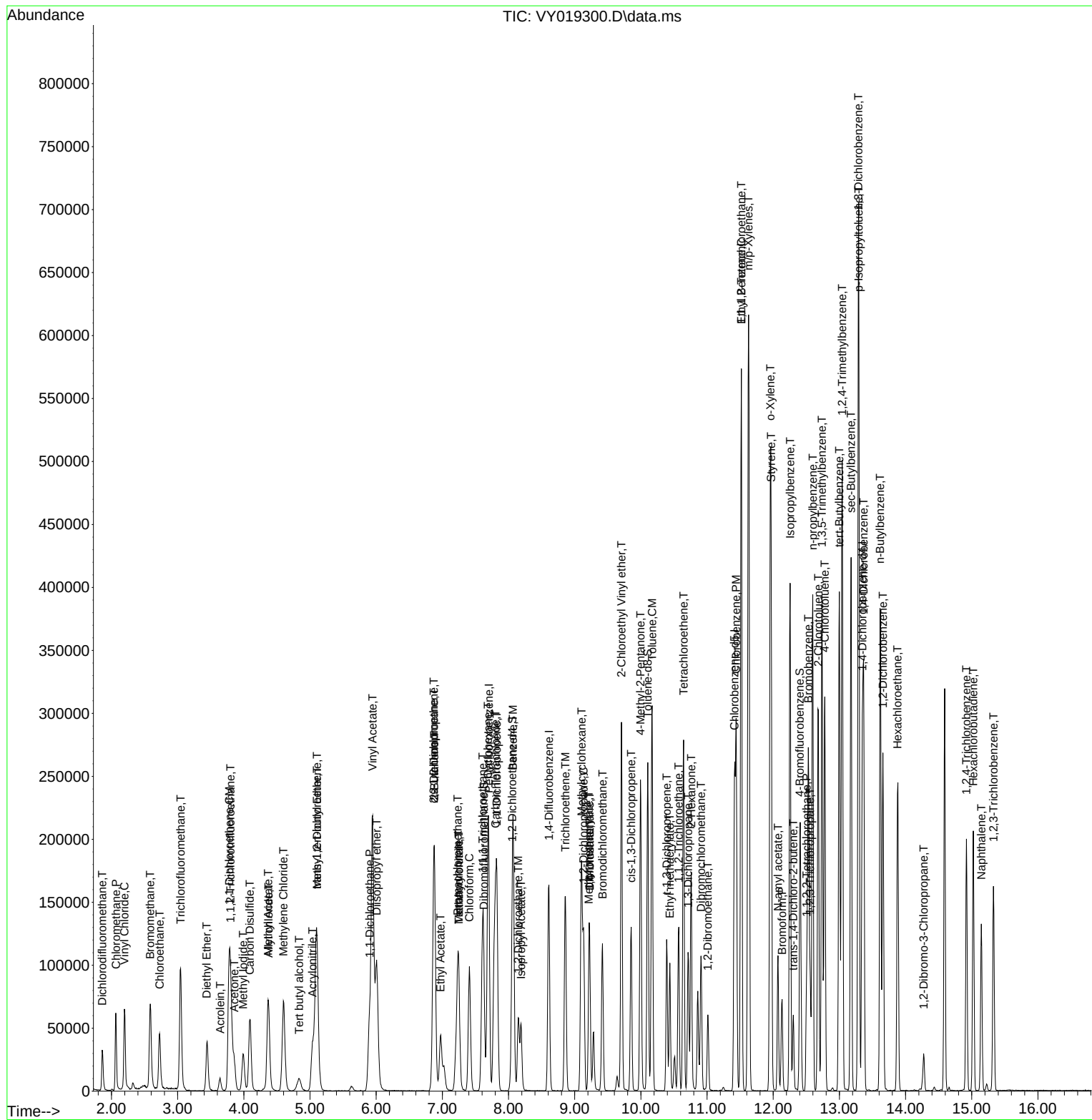
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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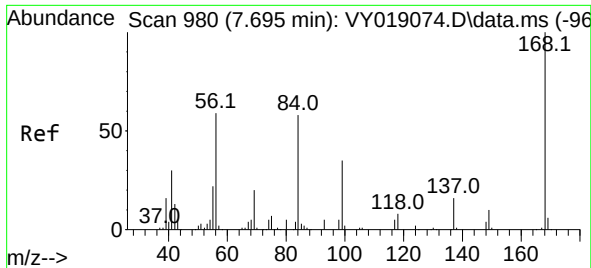
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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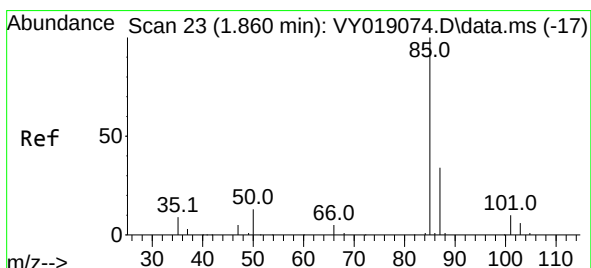
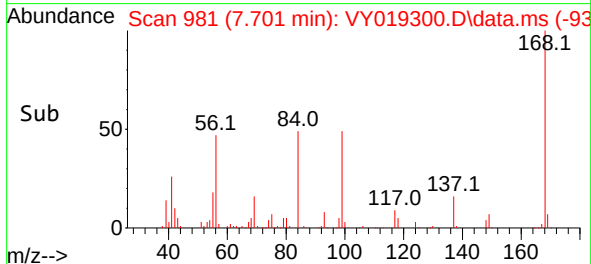
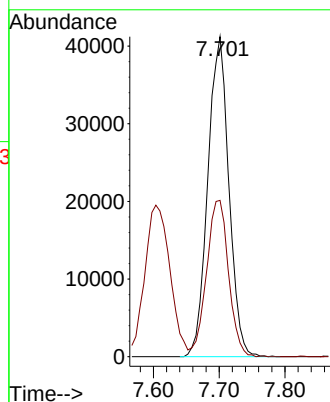
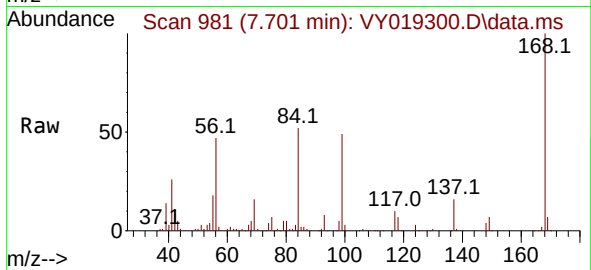




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
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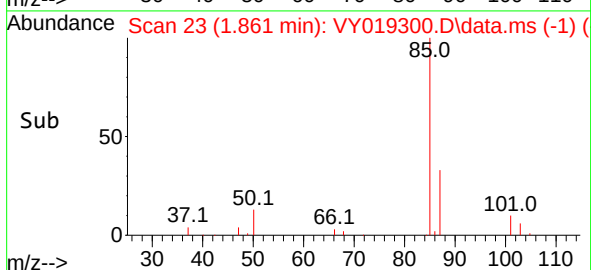
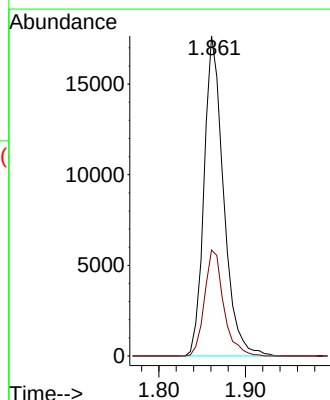
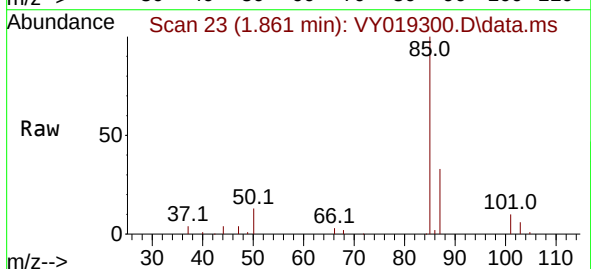
Instrument :
MSVOA_Y
ClientSampleId :

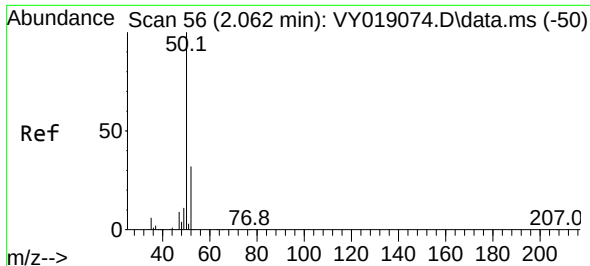
Tgt Ion:168 Resp: 91804
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 40.977 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 85 Resp: 27600
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

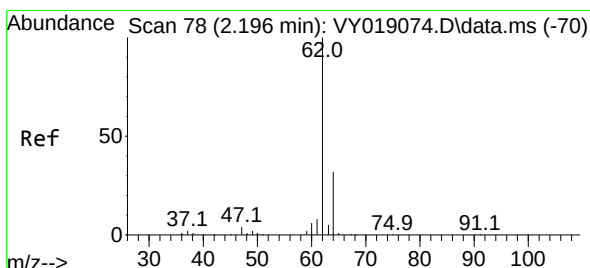
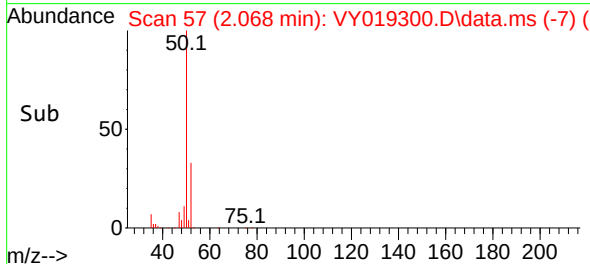
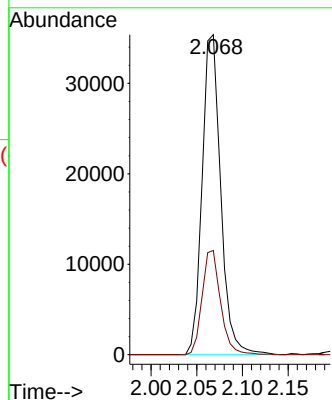
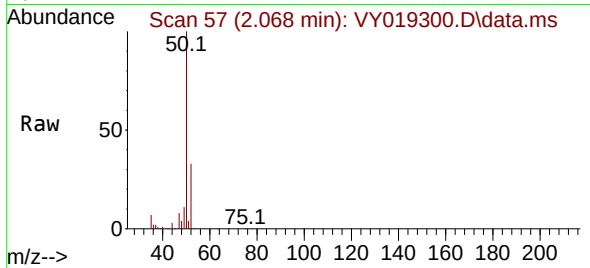




#3
Chloromethane
Concen: 41.180 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

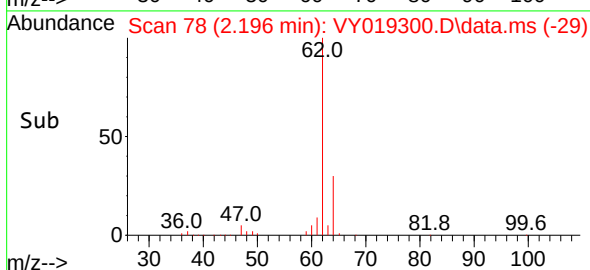
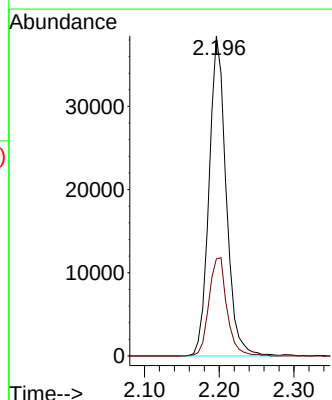
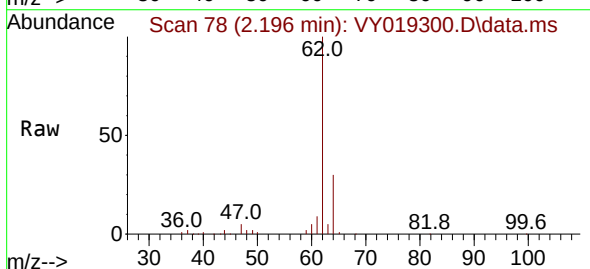
Instrument :
MSVOA_Y
ClientSampleId :

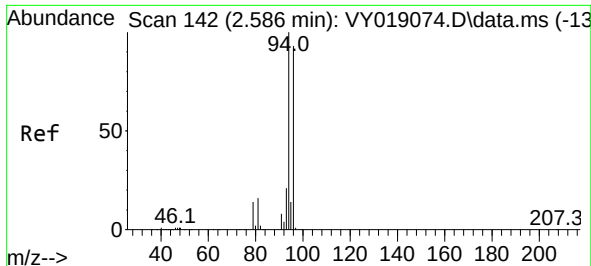
Tgt Ion: 50 Resp: 49995
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 40.883 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 62 Resp: 61309
Ion Ratio Lower Upper
62 100
64 30.3 26.1 39.1

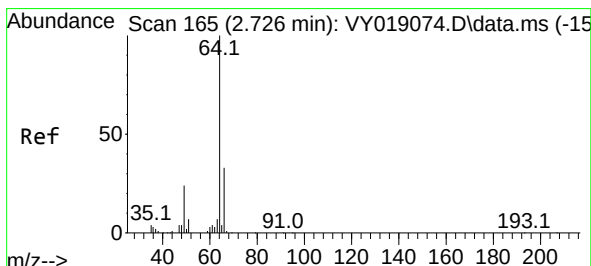
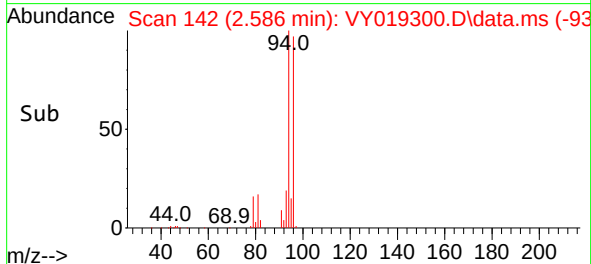
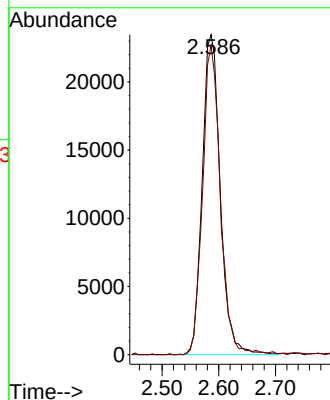
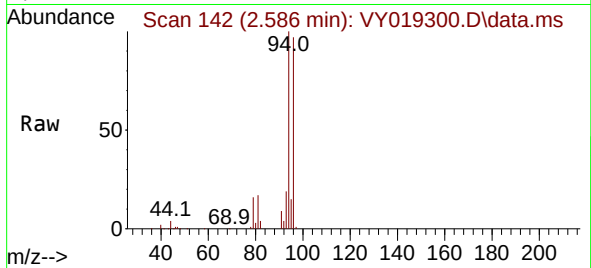




#5
Bromomethane
Concen: 57.566 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

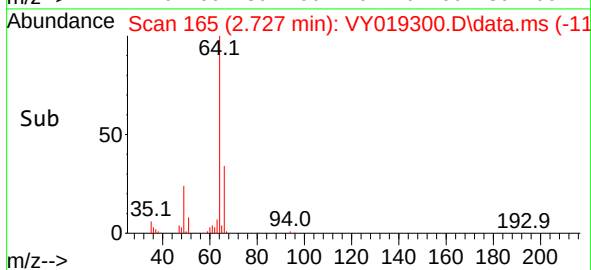
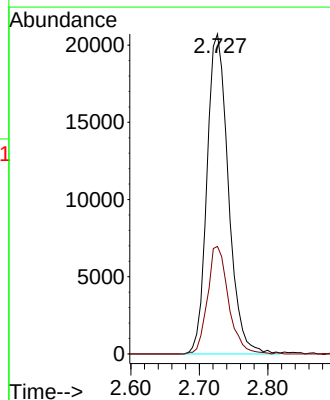
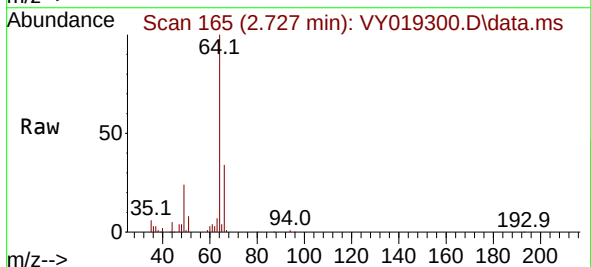
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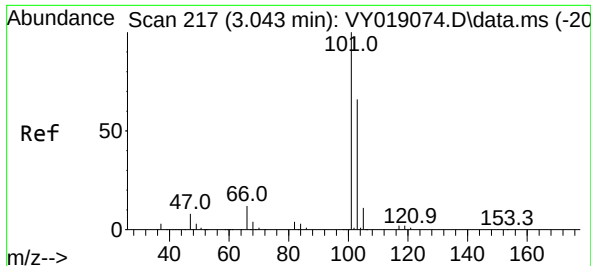
Tgt Ion: 94 Resp: 51891
Ion Ratio Lower Upper
94 100
96 96.3 74.1 111.1



#6
Chloroethane
Concen: 46.877 ug/l
RT: 2.727 min Scan# 165
Delta R.T. 0.001 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 64 Resp: 44975
Ion Ratio Lower Upper
64 100
66 33.6 26.1 39.1

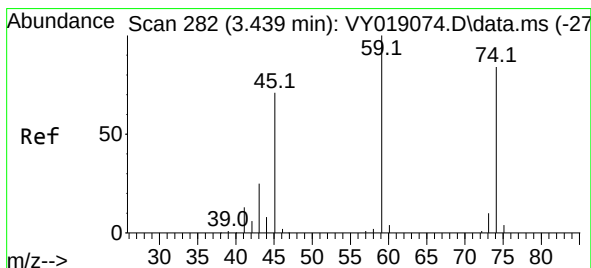
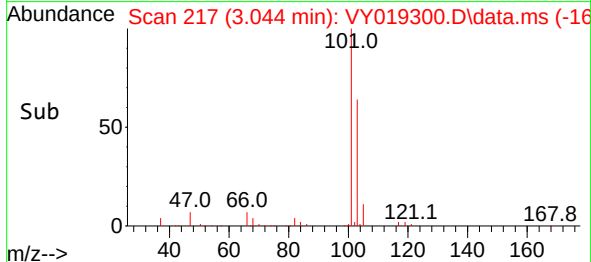
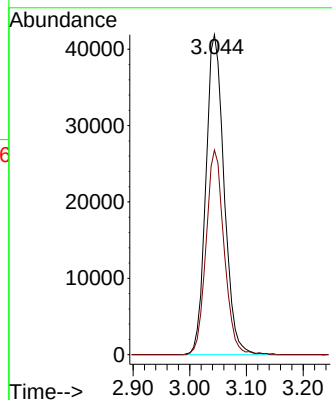
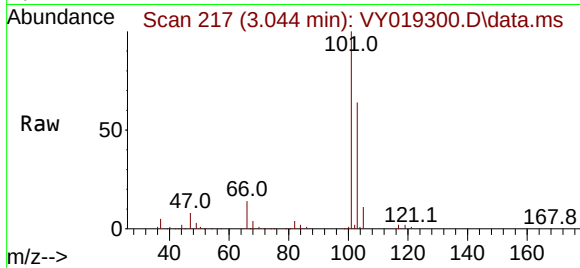




#7
 Trichlorofluoromethane
 Concen: 41.181 ug/l
 RT: 3.044 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019300.D
 Acq: 27 Aug 2024 21:20

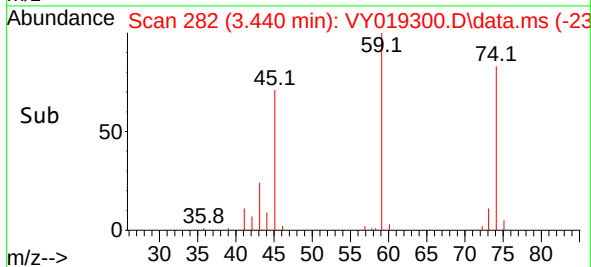
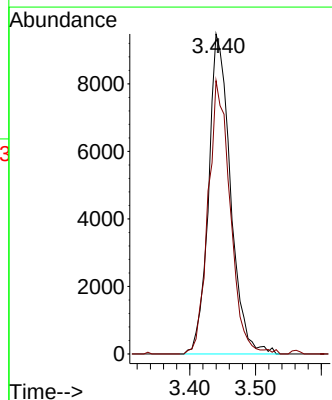
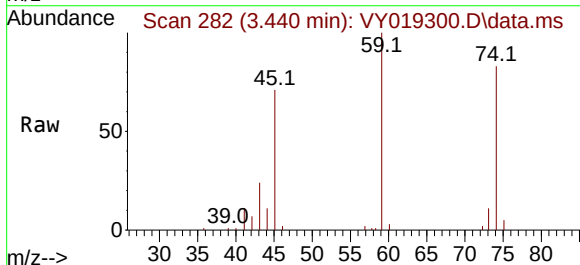
Instrument :
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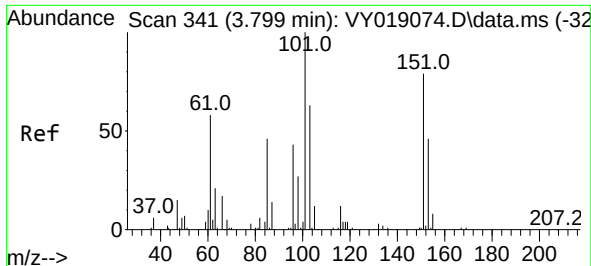
Tgt Ion:101 Resp: 93369
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 44.952 ug/l
 RT: 3.440 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY019300.D
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Tgt Ion: 74 Resp: 21999
 Ion Ratio Lower Upper
 74 100
 45 85.9 41.3 124.1

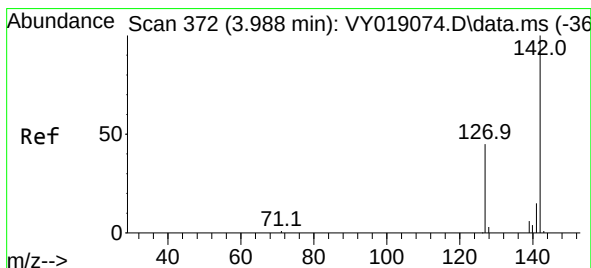
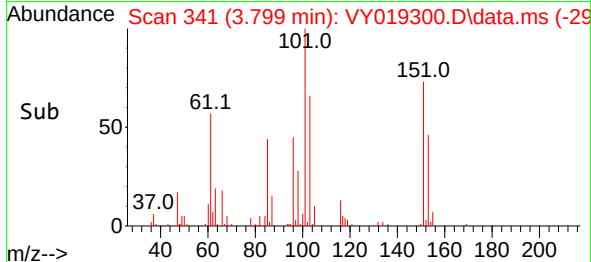
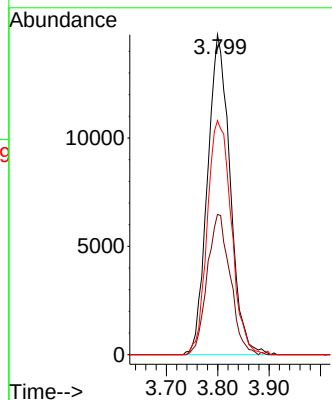
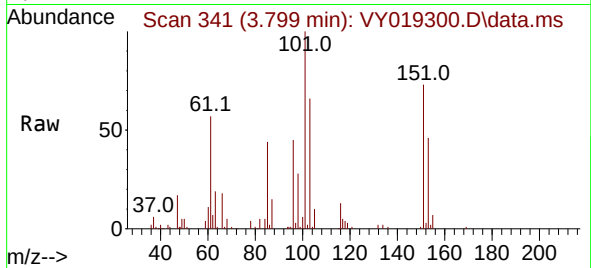




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.711 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

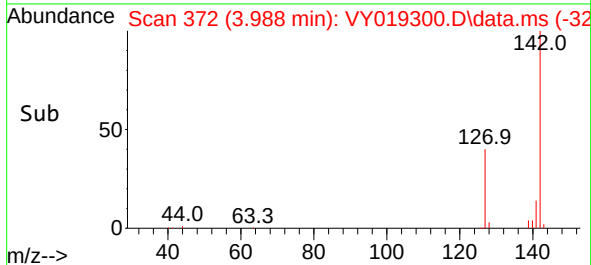
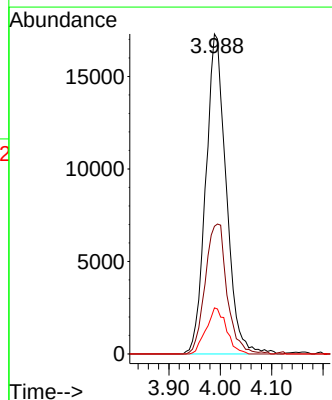
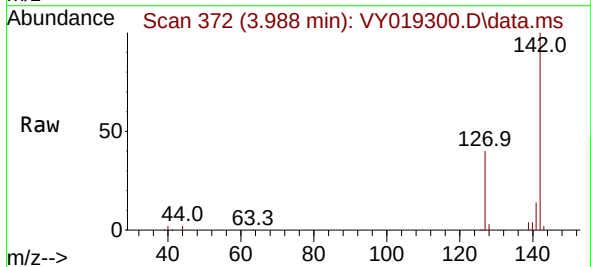
Instrument :
MSVOA_Y
ClientSampleId :

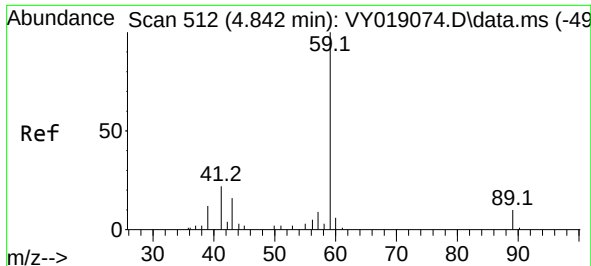
Tgt Ion:101 Resp: 45066
Ion Ratio Lower Upper
101 100
85 44.6 34.5 51.7
151 78.1 61.7 92.5



#10
Methyl Iodide
Concen: 48.292 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion:142 Resp: 47711
Ion Ratio Lower Upper
142 100
127 43.5 32.8 49.2
141 14.3 11.4 17.2

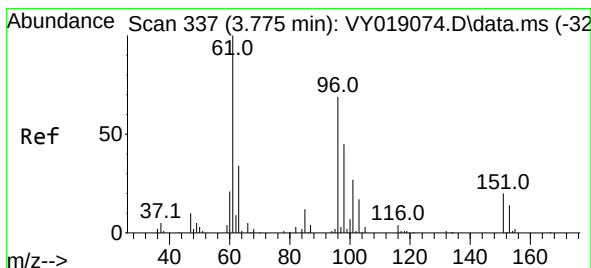
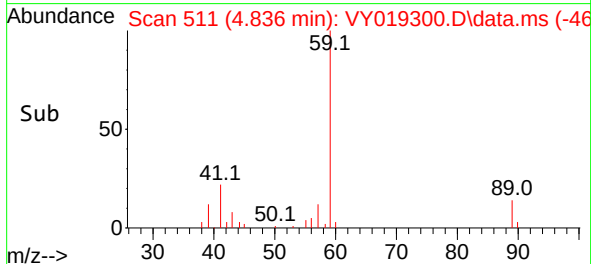
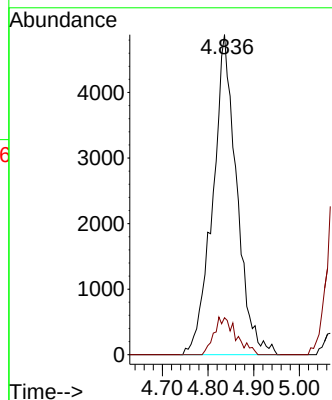
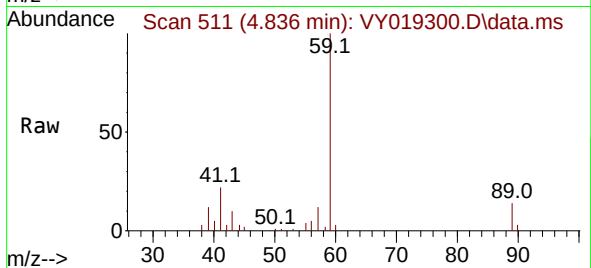




#11
Tert butyl alcohol
Concen: 222.742 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

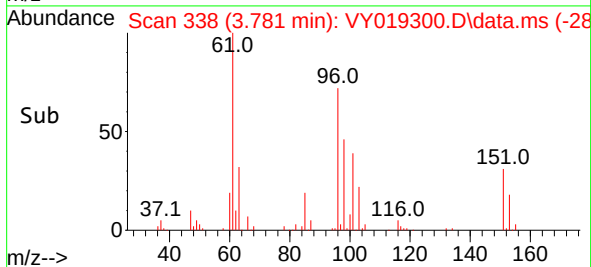
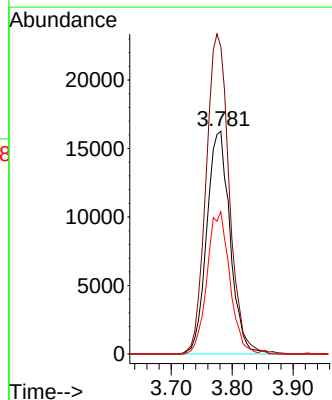
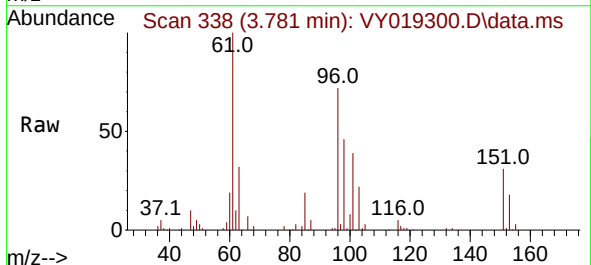
Instrument :
MSVOA_Y
ClientSampleId :

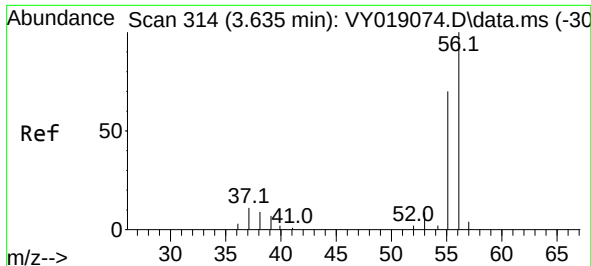
Tgt Ion: 59 Resp: 17821
Ion Ratio Lower Upper
59 100
57 10.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.057 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 96 Resp: 43092
Ion Ratio Lower Upper
96 100
61 138.0 114.6 171.8
98 63.9 50.8 76.2





#13

Acrolein

Concen: 153.469 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

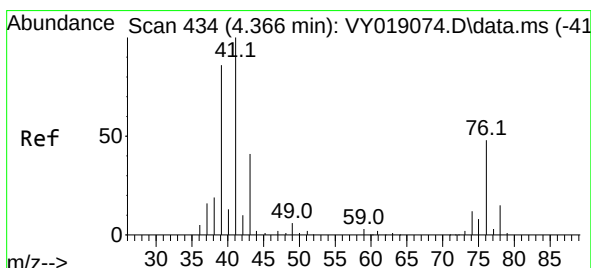
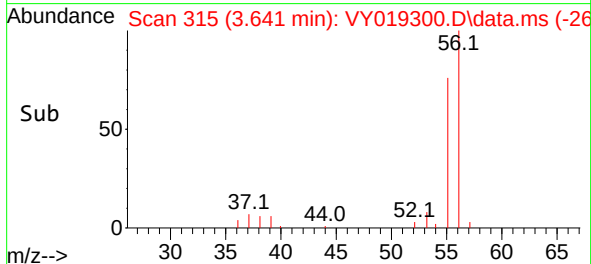
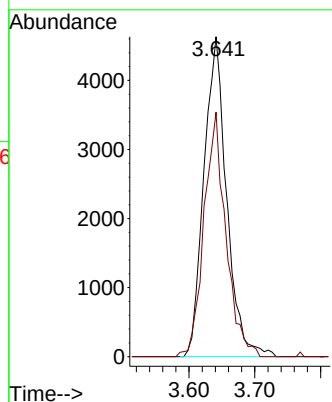
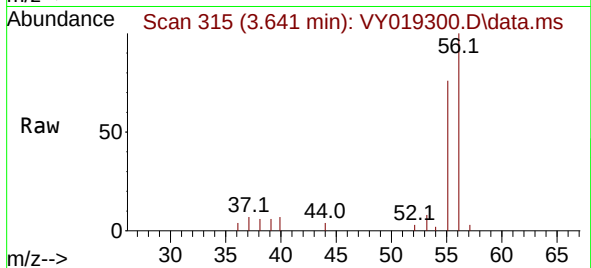
ClientSampleId :

Tgt Ion: 56 Resp: 11133

Ion Ratio Lower Upper

56 100

55 73.7 55.7 83.5



#14

Allyl chloride

Concen: 45.908 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

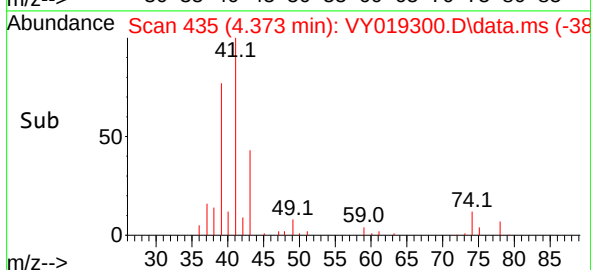
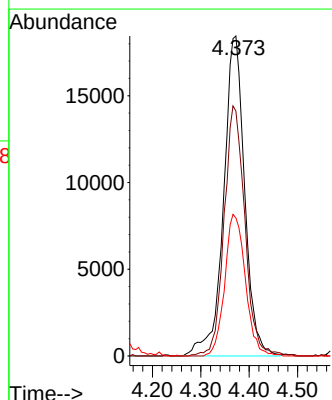
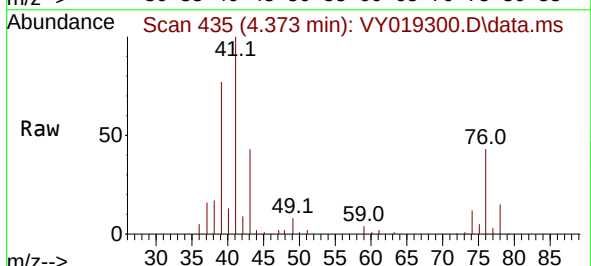
Tgt Ion: 41 Resp: 55894

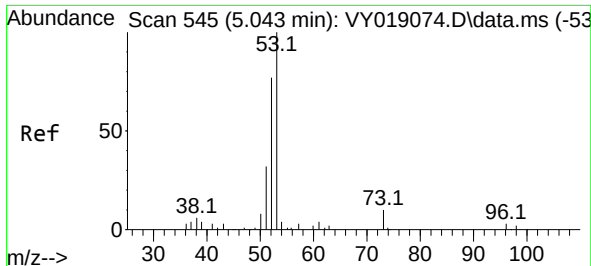
Ion Ratio Lower Upper

41 100

39 77.0 58.3 87.5

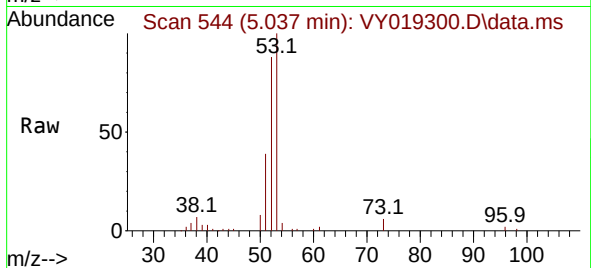
76 43.4 39.0 58.6



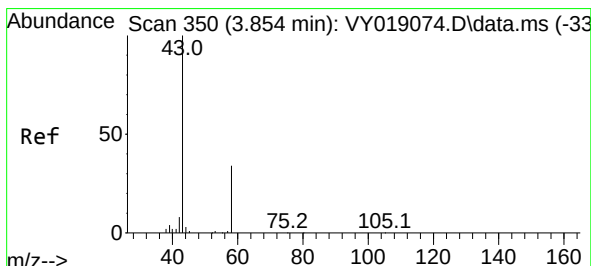
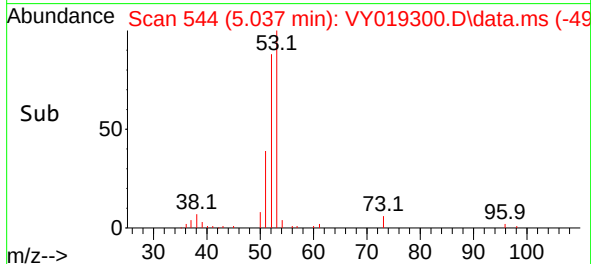
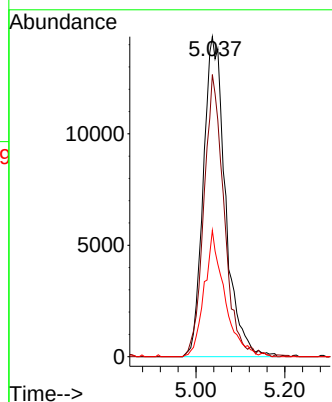


#15
Acrylonitrile
Concen: 248.163 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Instrument :
MSVOA_Y
ClientSampleId :

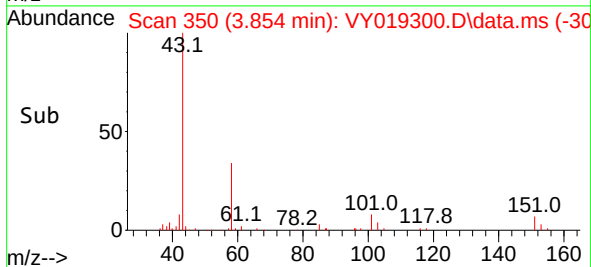
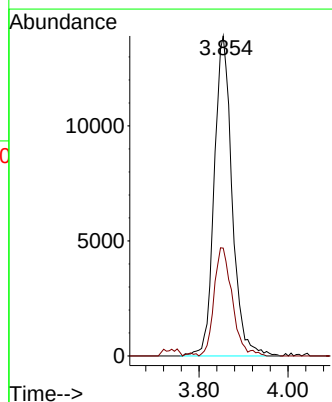
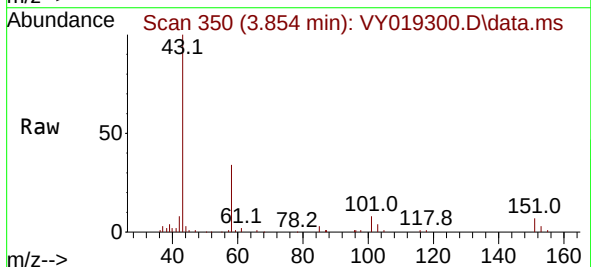


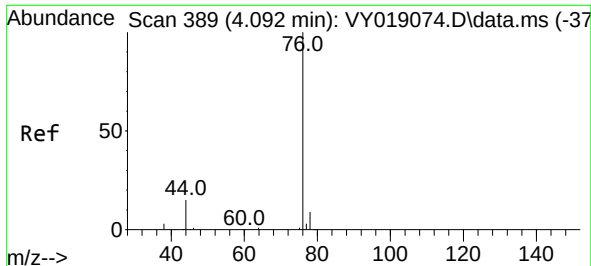
Tgt Ion: 53 Resp: 49693
Ion Ratio Lower Upper
53 100
52 80.6 64.7 97.1
51 36.2 28.4 42.6



#16
Acetone
Concen: 227.714 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 43 Resp: 38863
Ion Ratio Lower Upper
43 100
58 33.7 31.7 47.5

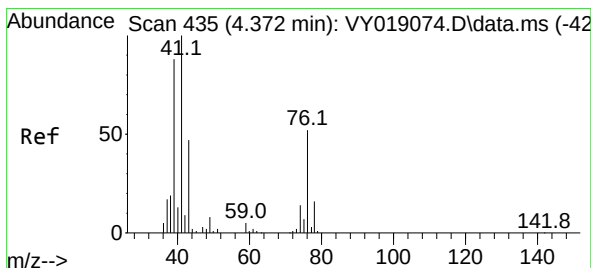
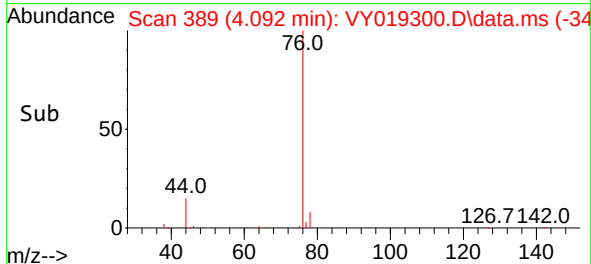
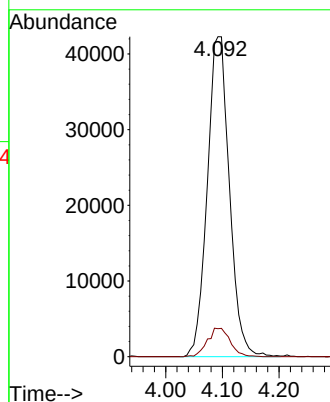
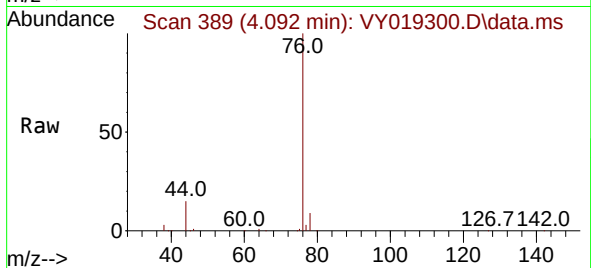




#17
Carbon Disulfide
Concen: 44.391 ug/l
RT: 4.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

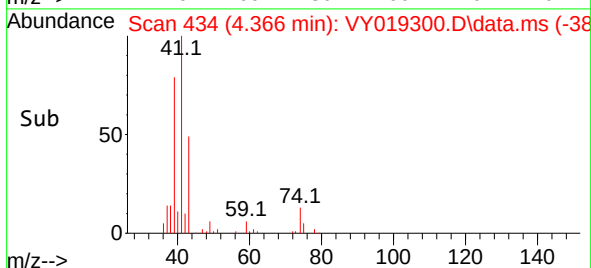
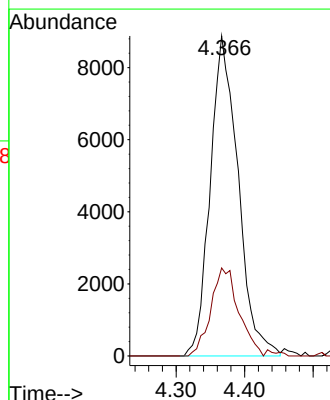
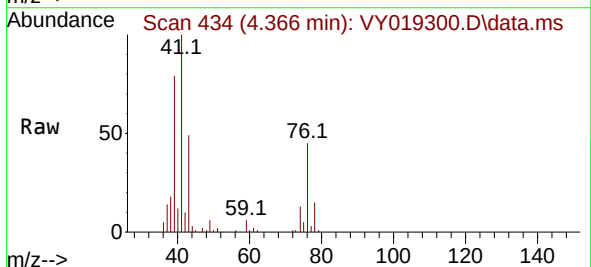
Instrument :
MSVOA_Y
ClientSampleId :

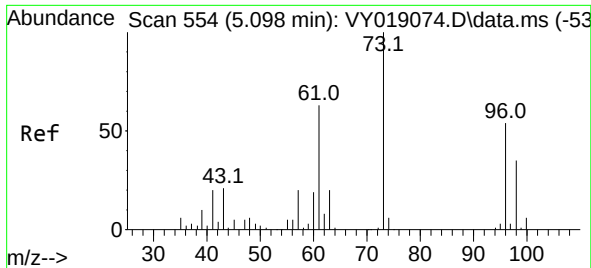
Tgt Ion: 76 Resp: 114657
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 47.893 ug/l
RT: 4.366 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 43 Resp: 25086
Ion Ratio Lower Upper
43 100
74 27.6 23.3 34.9

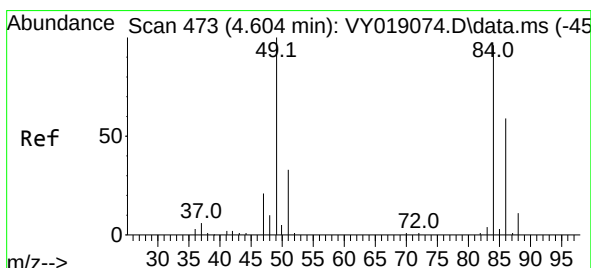
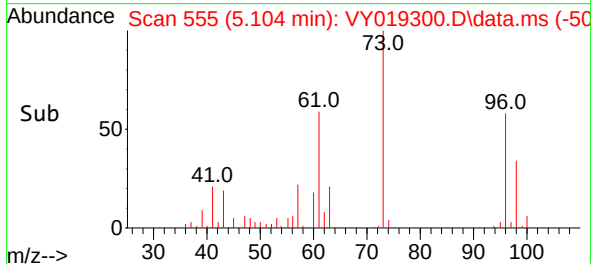
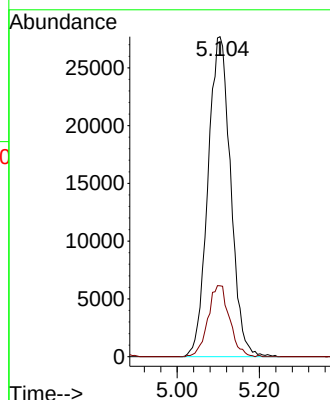
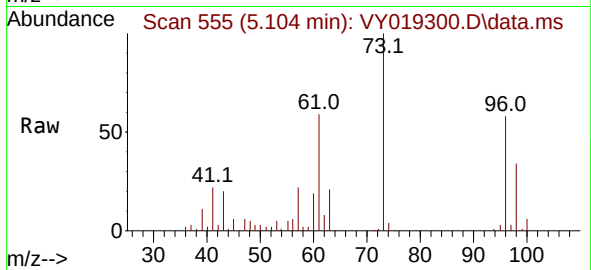




#19
Methyl tert-butyl Ether
Concen: 47.679 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

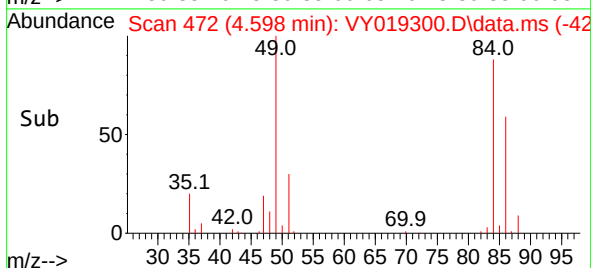
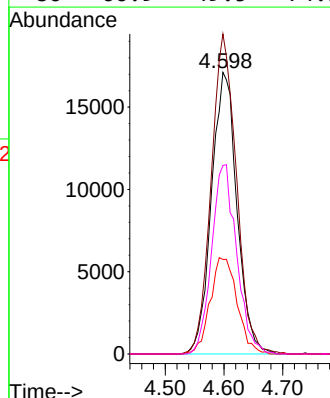
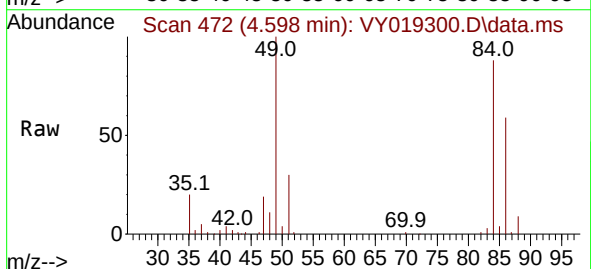
Instrument :
MSVOA_Y
ClientSampleId :

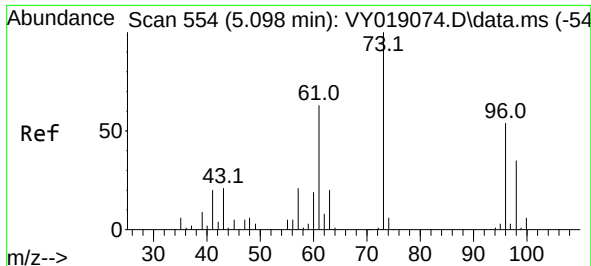
Tgt Ion: 73 Resp: 105855
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 48.240 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

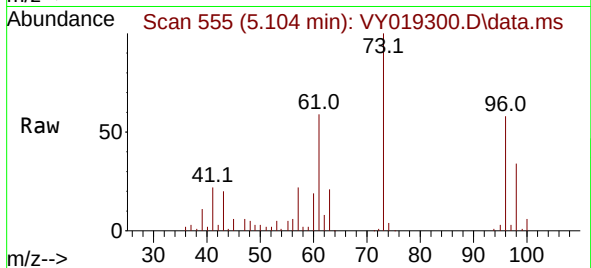
Tgt Ion: 84 Resp: 51511
Ion Ratio Lower Upper
84 100
49 113.7 84.4 126.6
51 33.6 26.0 39.0
86 66.9 49.5 74.3



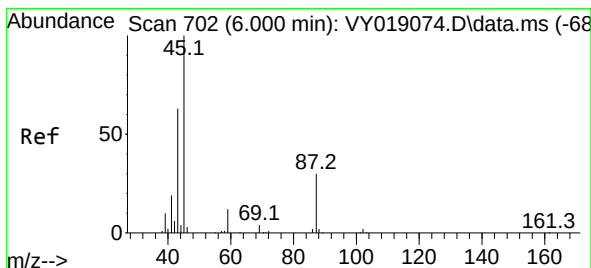
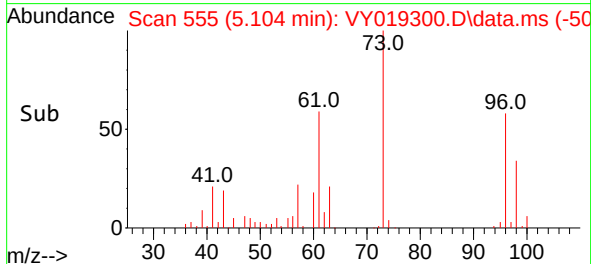
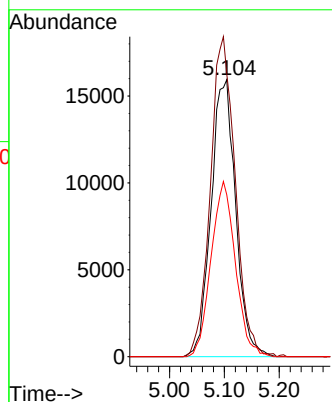


#21
trans-1,2-Dichloroethene
Concen: 48.509 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Instrument :
MSVOA_Y
ClientSampleId :

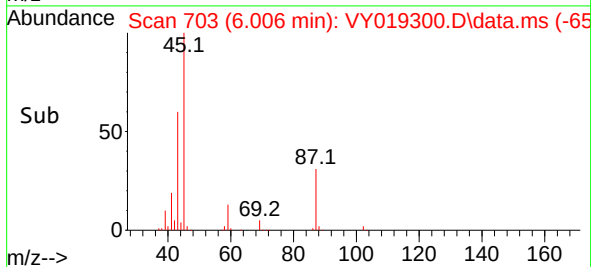
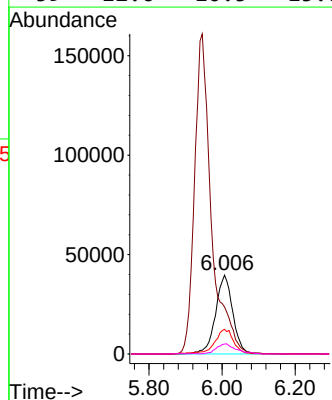
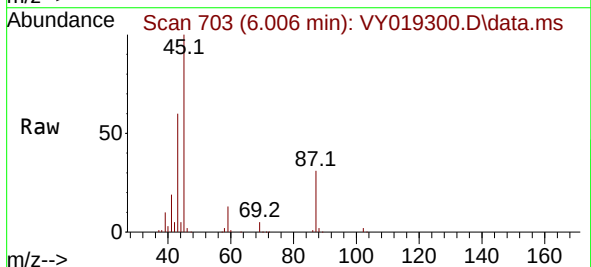


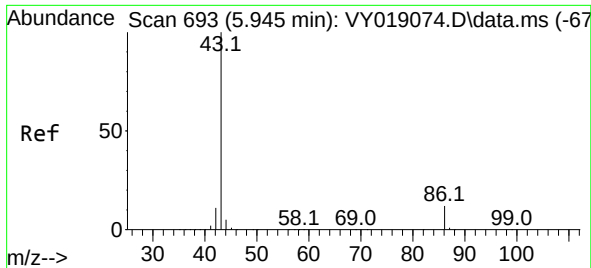
Tgt Ion: 96 Resp: 49629
Ion Ratio Lower Upper
96 100
61 102.1 97.5 146.3
98 58.4 50.5 75.7



#22
Diisopropyl ether
Concen: 46.517 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 45 Resp: 129654
Ion Ratio Lower Upper
45 100
43 59.2 42.2 63.2
87 31.2 25.0 37.6
59 12.6 10.5 15.7

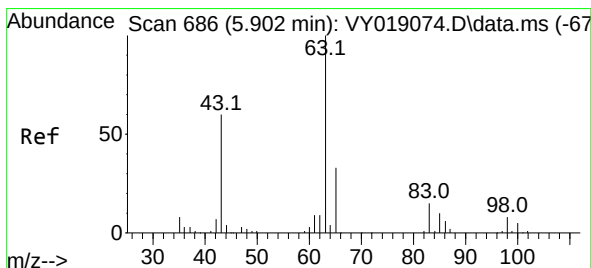
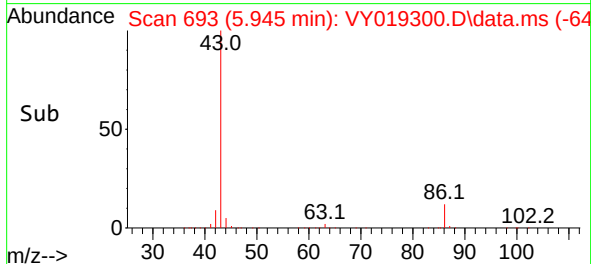
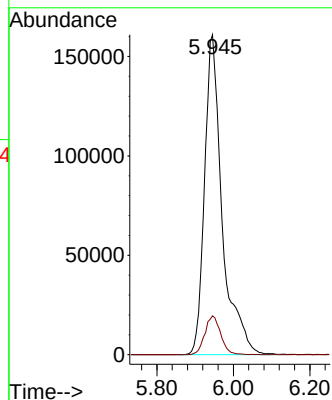
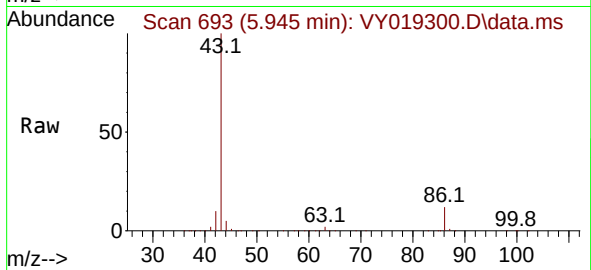




#23
 Vinyl Acetate
 Concen: 233.636 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019300.D
 Acq: 27 Aug 2024 21:20

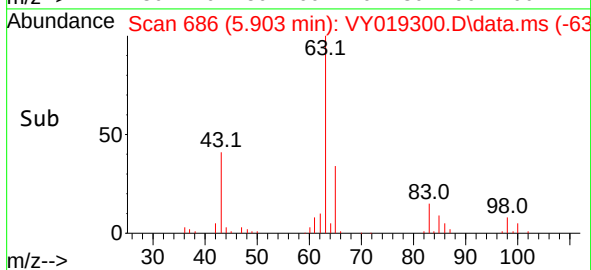
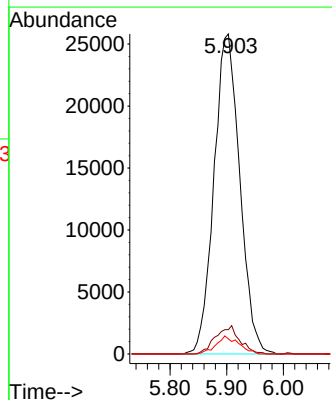
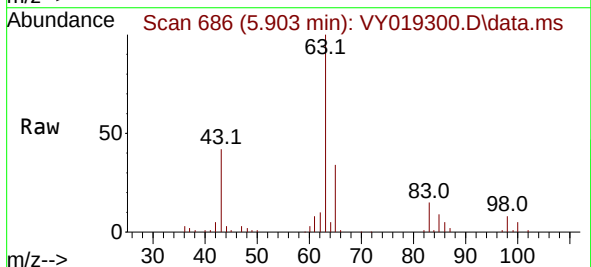
Instrument :
 MSVOA_Y
 ClientSampleId :

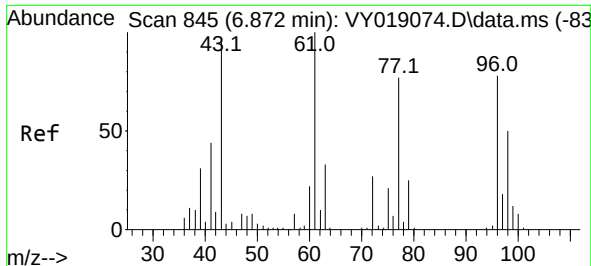
Tgt Ion: 43 Resp: 515559
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 47.816 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019300.D
 Acq: 27 Aug 2024 21:20

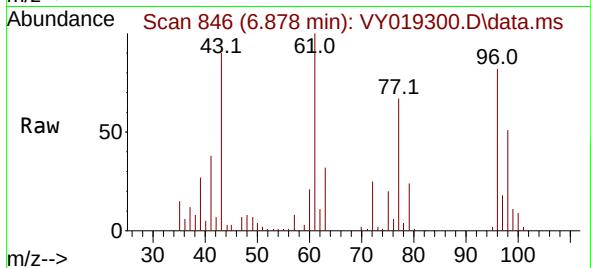
Tgt Ion: 63 Resp: 81503
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.7 2.6 8.0



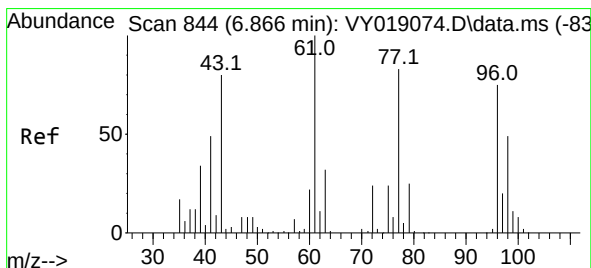
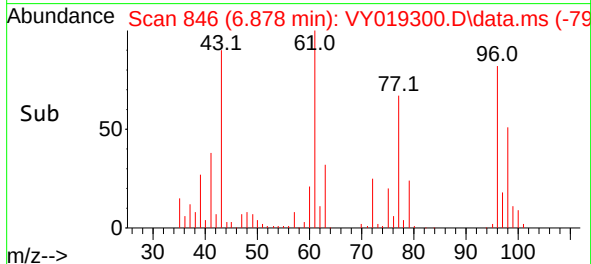
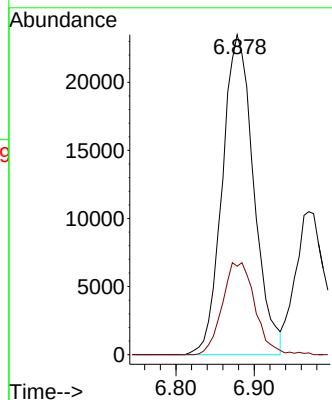


#25
2-Butanone
Concen: 238.751 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Instrument :
MSVOA_Y
ClientSampleId :

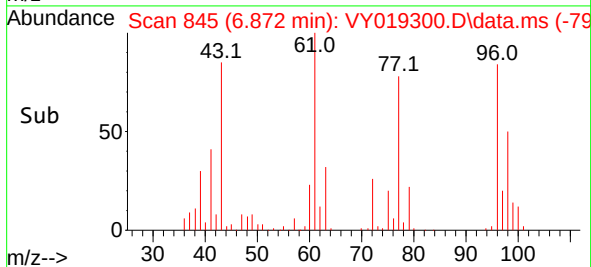
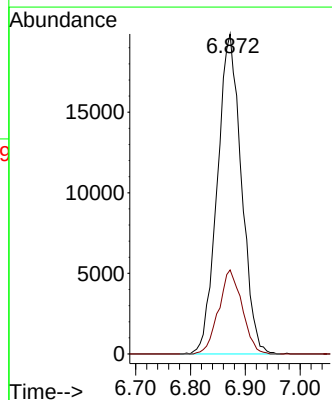
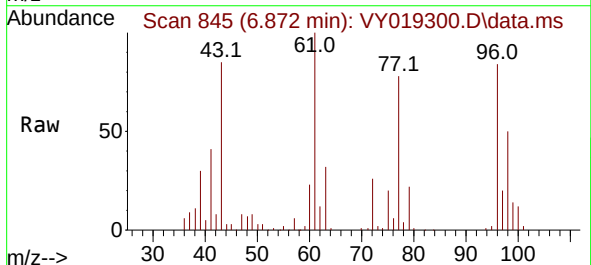


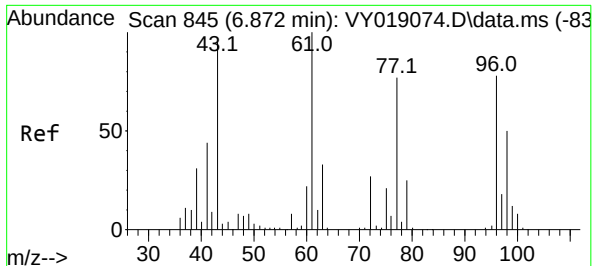
Tgt Ion: 43 Resp: 65621
Ion Ratio Lower Upper
43 100
72 27.7 27.3 40.9



#26
2,2-Dichloropropane
Concen: 43.949 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 77 Resp: 60662
Ion Ratio Lower Upper
77 100
97 25.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.149 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

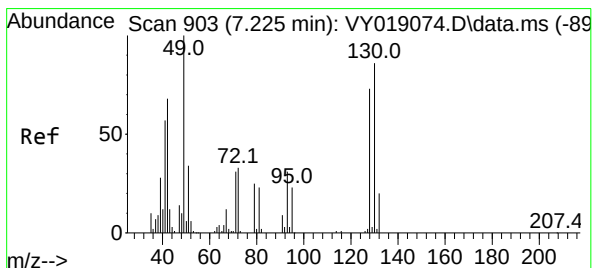
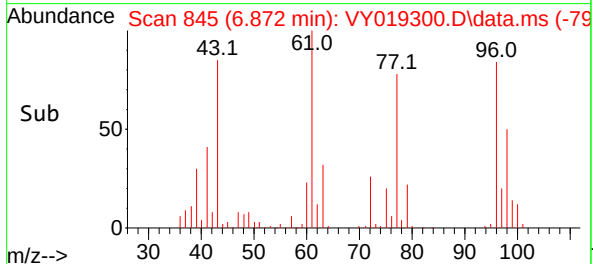
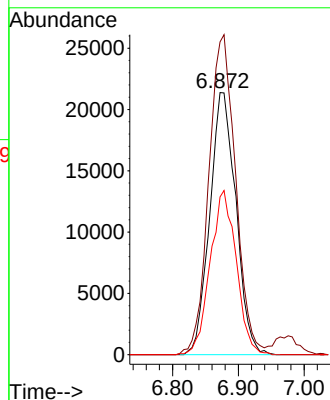
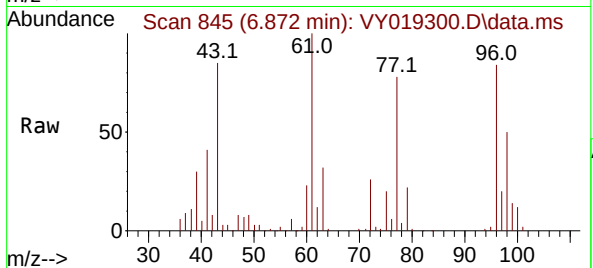
Tgt Ion: 96 Resp: 59176

Ion Ratio Lower Upper

96 100

61 124.8 0.0 256.2

98 62.5 0.0 130.0



#28

Bromochloromethane

Concen: 50.285 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

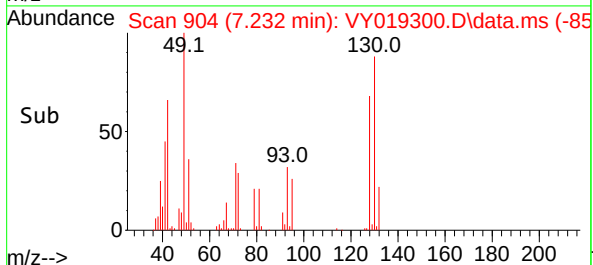
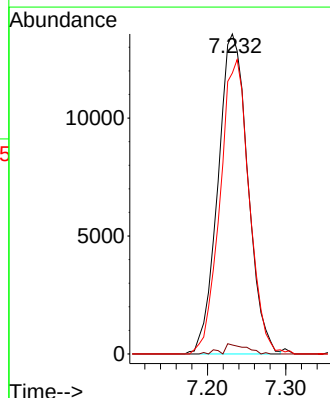
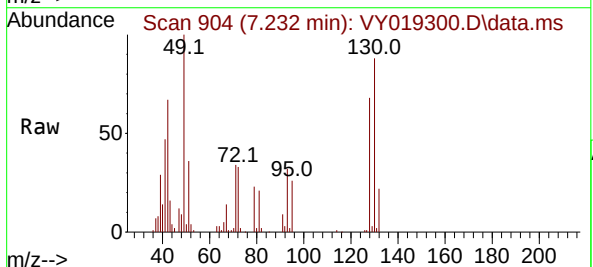
Tgt Ion: 49 Resp: 35954

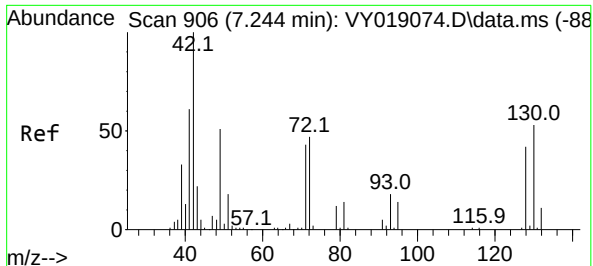
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 89.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 236.566 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

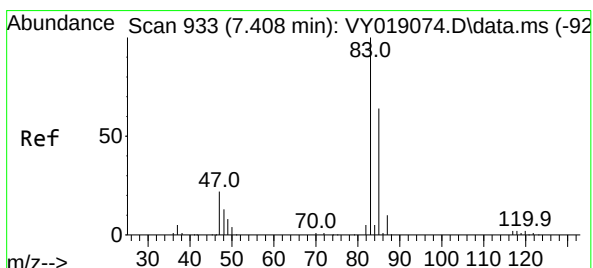
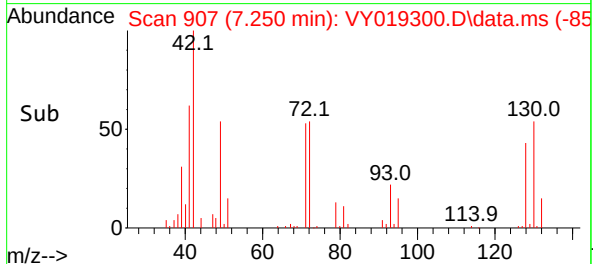
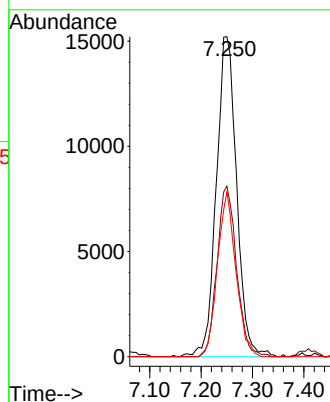
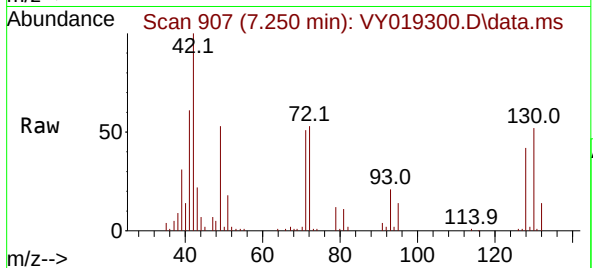
Tgt Ion: 42 Resp: 41797

Ion Ratio Lower Upper

42 100

72 51.1 43.0 64.4

71 46.8 40.8 61.2



#30

Chloroform

Concen: 48.486 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019300.D

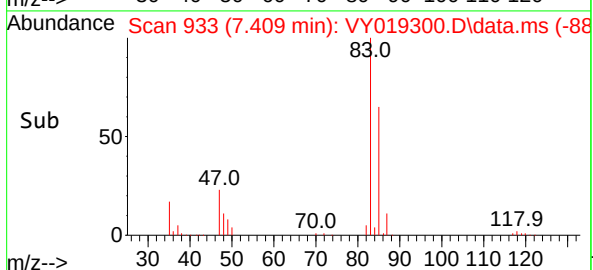
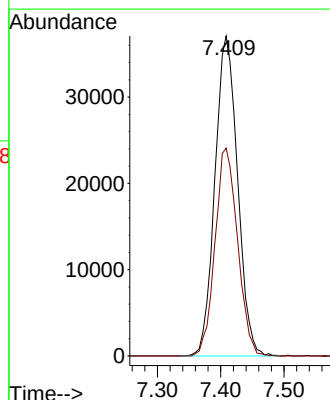
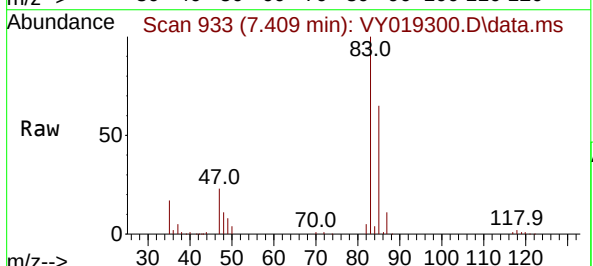
Acq: 27 Aug 2024 21:20

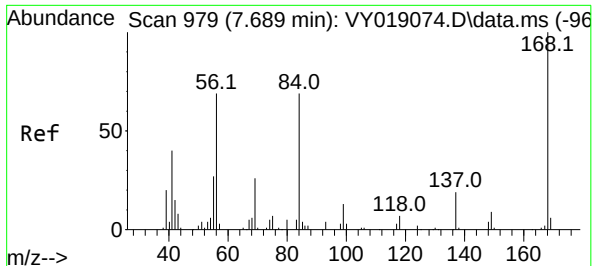
Tgt Ion: 83 Resp: 92091

Ion Ratio Lower Upper

83 100

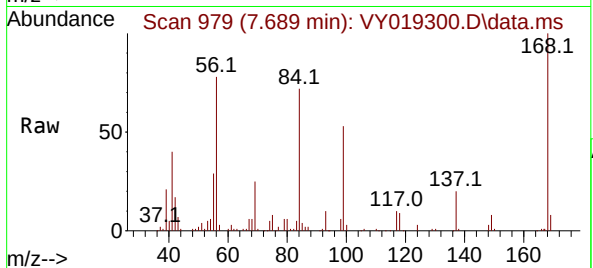
85 64.9 52.2 78.4



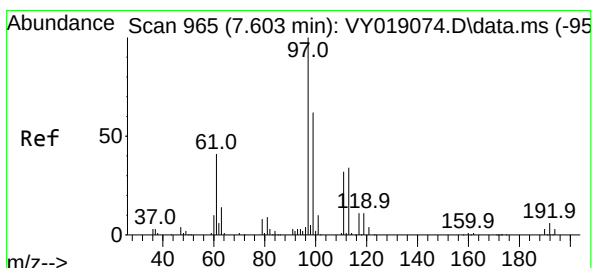
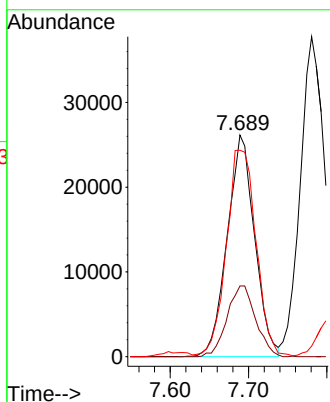
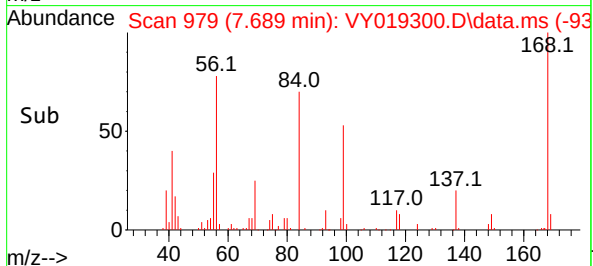


#31
Cyclohexane
Concen: 48.118 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

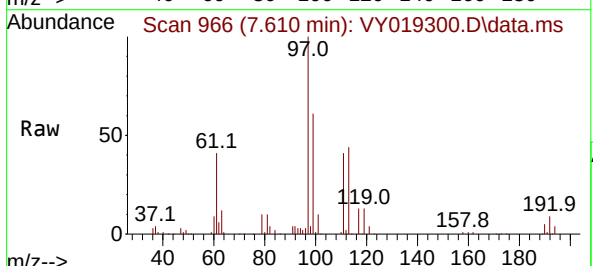
Instrument :
MSVOA_Y
ClientSampleId :



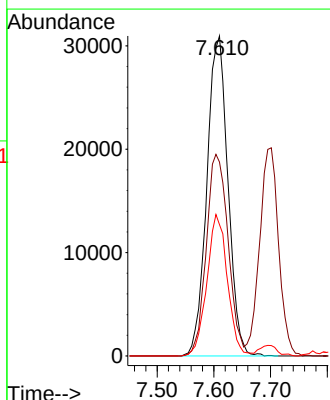
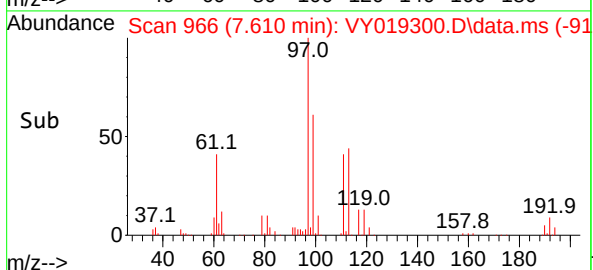
Tgt Ion: 56 Resp: 63554
Ion Ratio Lower Upper
56 100
69 31.9 28.7 43.1
84 91.5 77.7 116.5

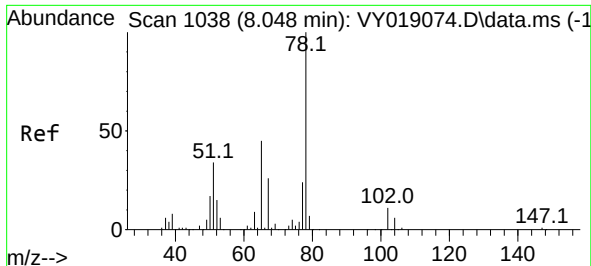


#32
1,1,1-Trichloroethane
Concen: 47.886 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20



Tgt Ion: 97 Resp: 79930
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 43.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.143 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

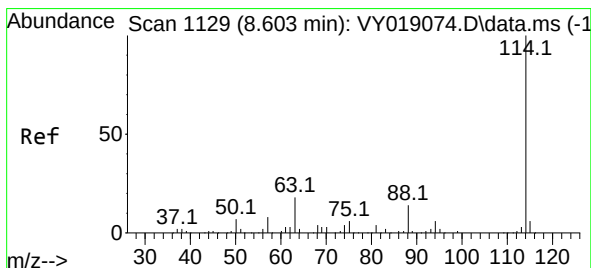
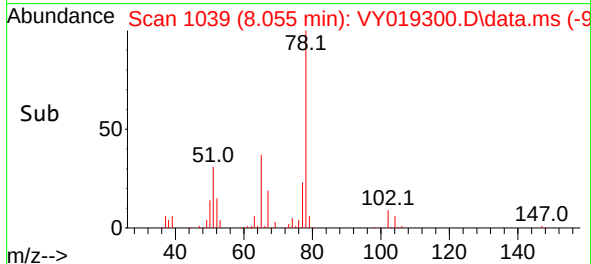
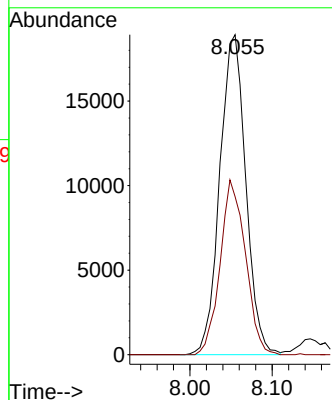
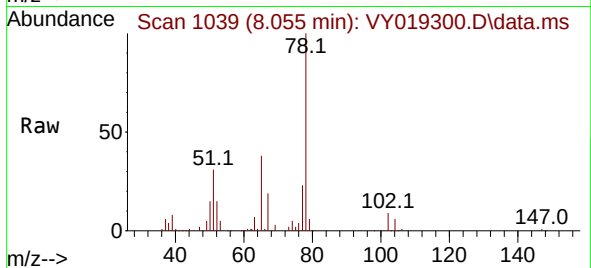
ClientSampleId :

Tgt Ion: 65 Resp: 41543

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

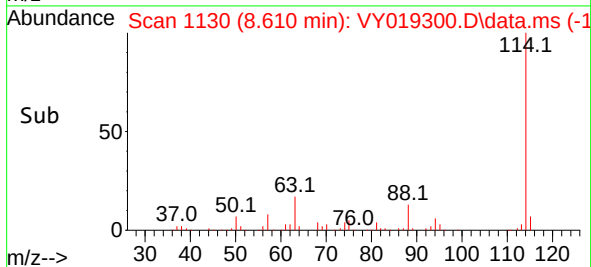
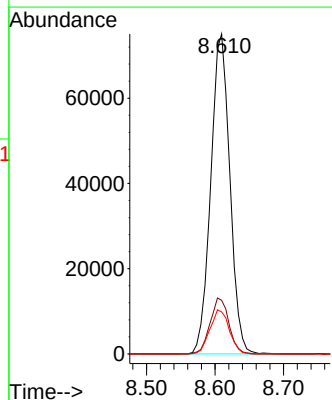
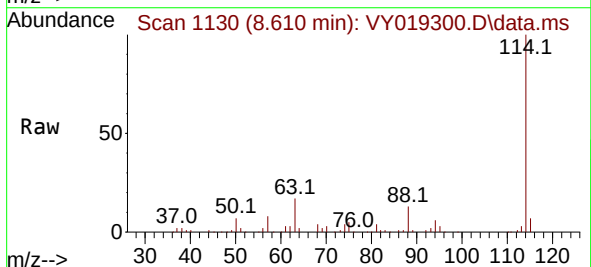
Tgt Ion: 114 Resp: 145382

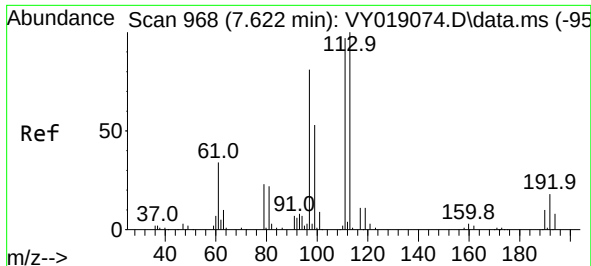
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.2 0.0 27.2

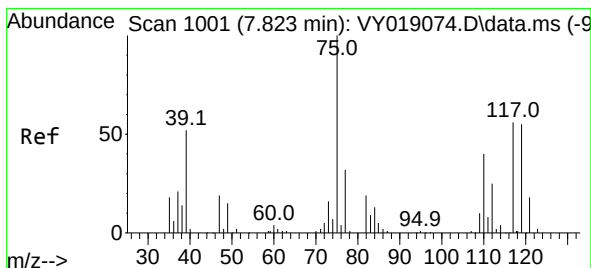
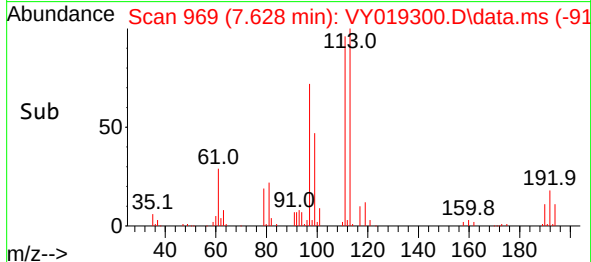
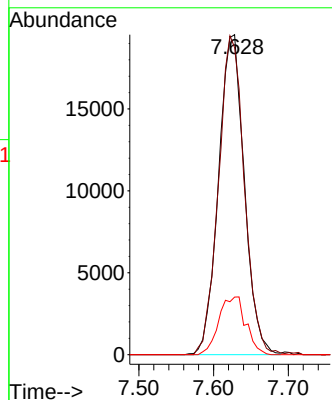
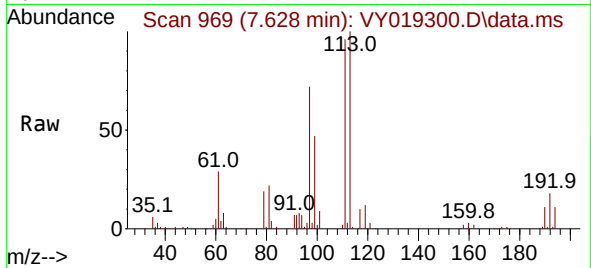




#35
Dibromofluoromethane
Concen: 49.434 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

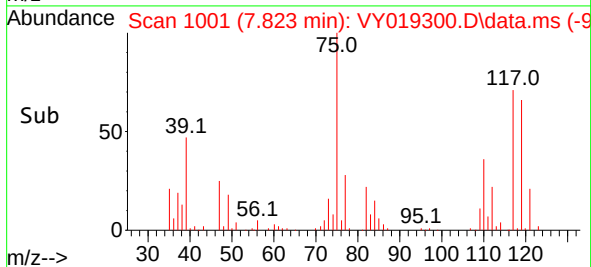
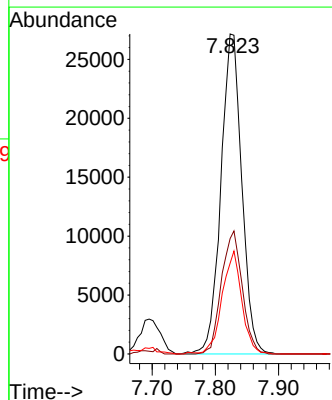
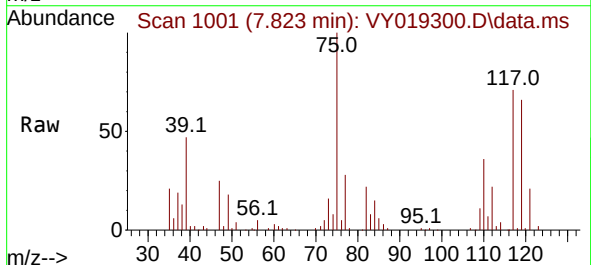
Instrument :
MSVOA_Y
ClientSampleId :

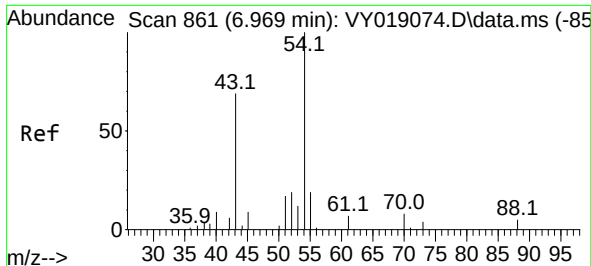
Tgt Ion:113 Resp: 46992
Ion Ratio Lower Upper
113 100
111 99.5 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.646 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 75 Resp: 62194
Ion Ratio Lower Upper
75 100
110 38.3 19.0 57.0
77 30.1 25.3 37.9





#37

Ethyl Acetate

Concen: 49.579 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

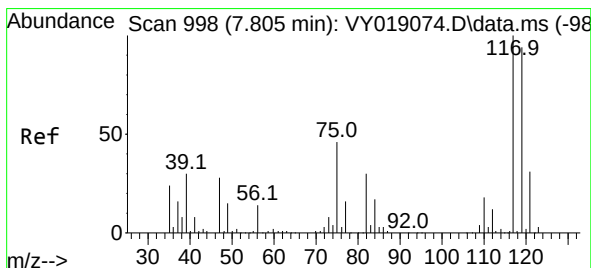
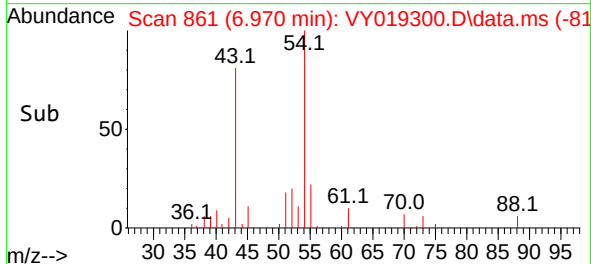
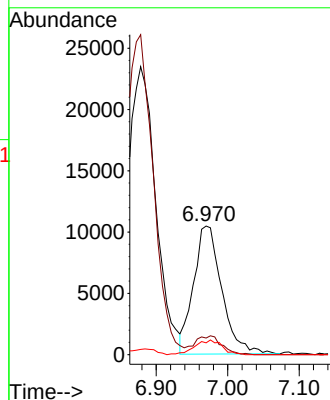
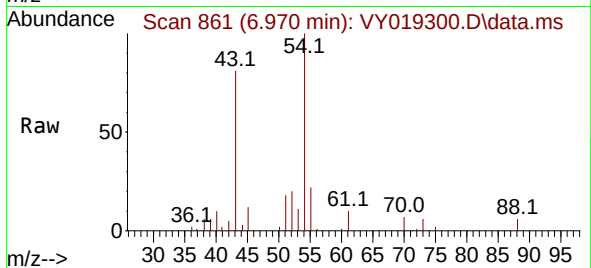
Tgt Ion: 43 Resp: 28673

Ion Ratio Lower Upper

43 100

61 14.2 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 46.864 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

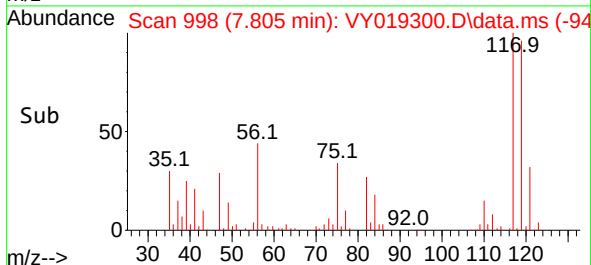
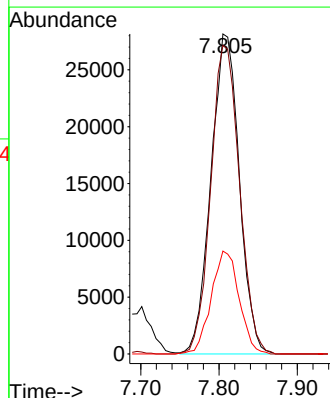
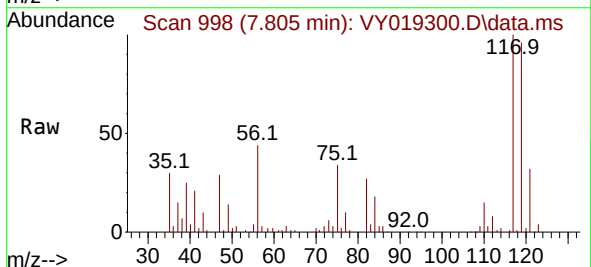
Tgt Ion: 117 Resp: 70893

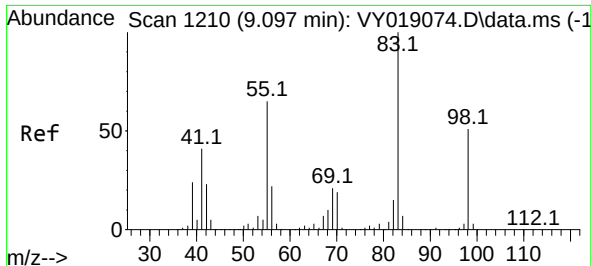
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 32.2 24.0 36.0





#39

Methylcyclohexane

Concen: 46.452 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

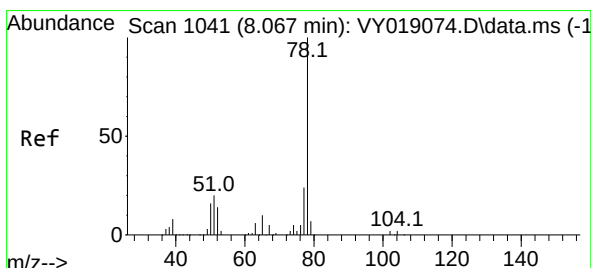
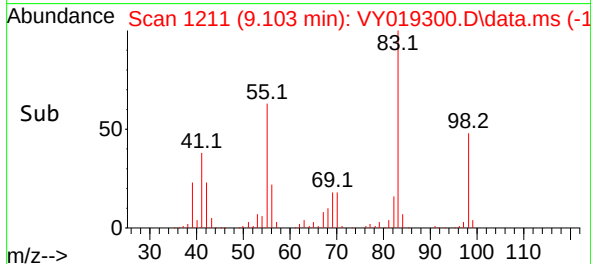
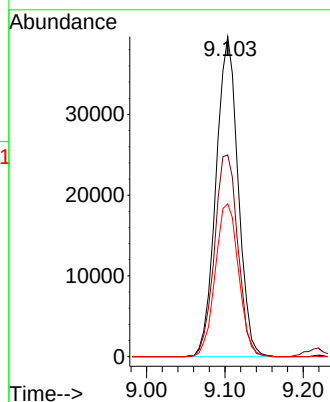
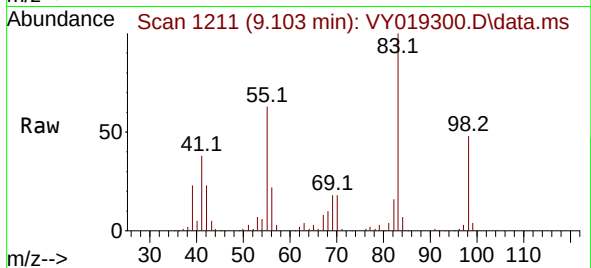
Tgt Ion: 83 Resp: 77813

Ion Ratio Lower Upper

83 100

55 63.1 51.5 77.3

98 47.7 40.5 60.7



#40

Benzene

Concen: 49.274 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY019300.D

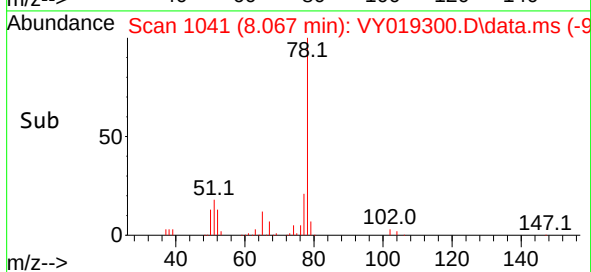
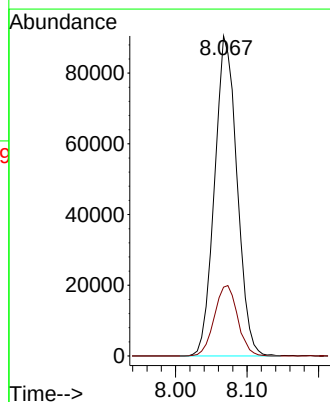
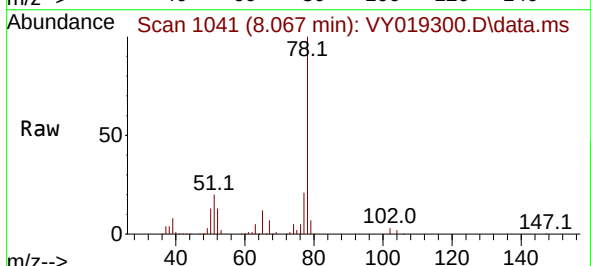
Acq: 27 Aug 2024 21:20

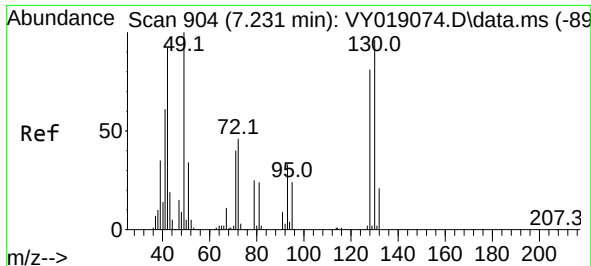
Tgt Ion: 78 Resp: 197262

Ion Ratio Lower Upper

78 100

77 21.5 19.5 29.3

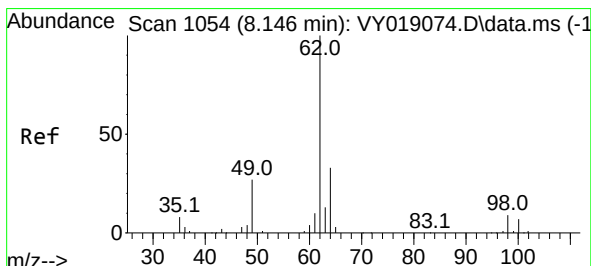
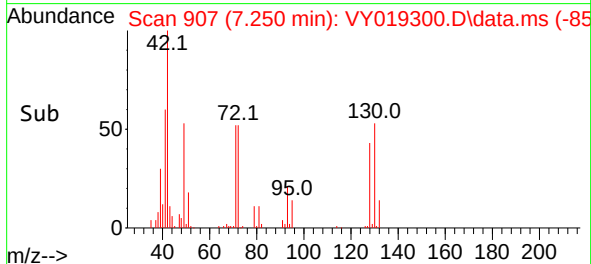
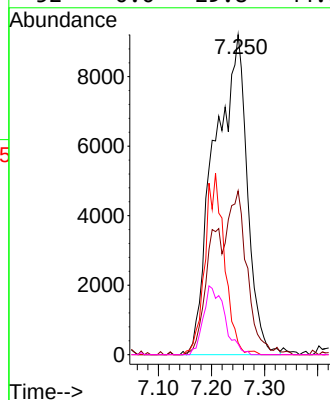
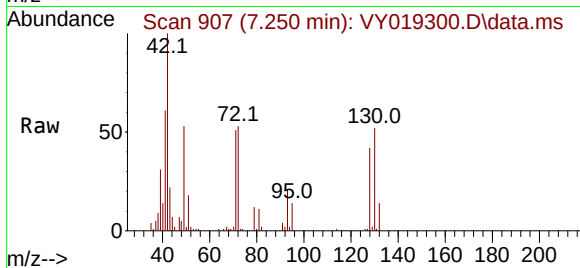




#41
Methacrylonitrile
Concen: 124.943 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

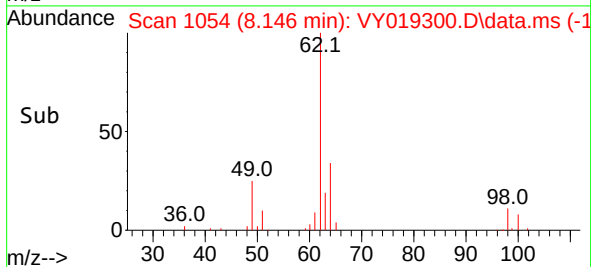
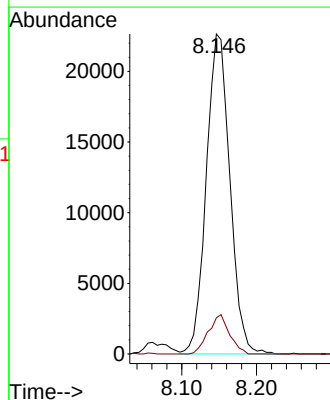
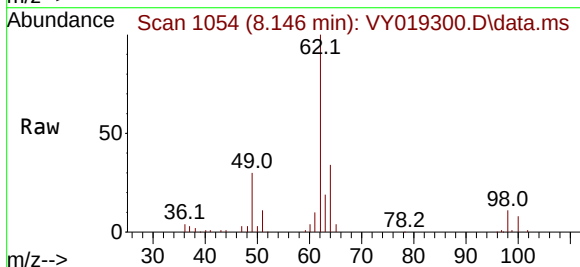
Instrument :
MSVOA_Y
ClientSampleId :

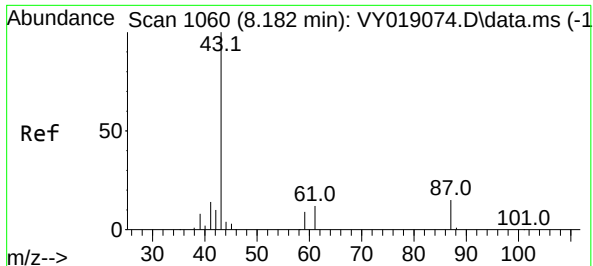
Tgt Ion: 41 Resp: 39439
Ion Ratio Lower Upper
41 100
39 27.3 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 45.997 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 62 Resp: 49727
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 47.554 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019300.D

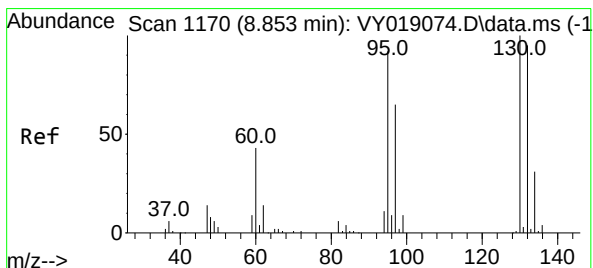
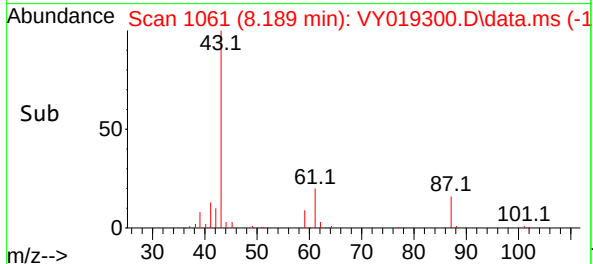
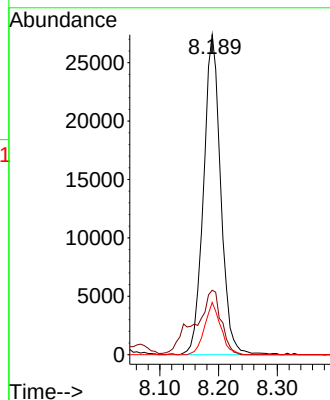
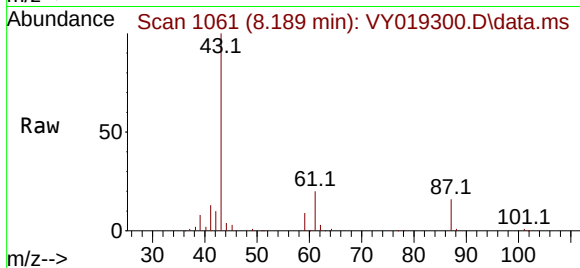
Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 55619
Ion Ratio	Lower Upper
43	100
61	31.0 27.9 41.9
87	15.4 13.1 19.7



#44

Trichloroethene

Concen: 48.986 ug/l

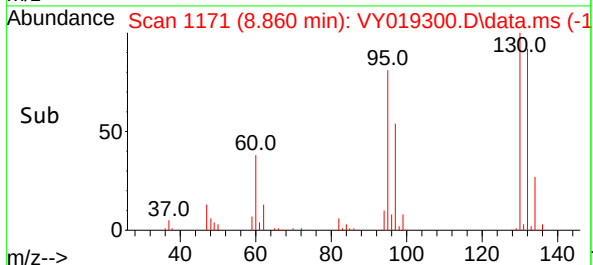
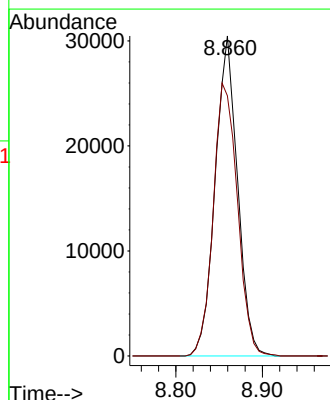
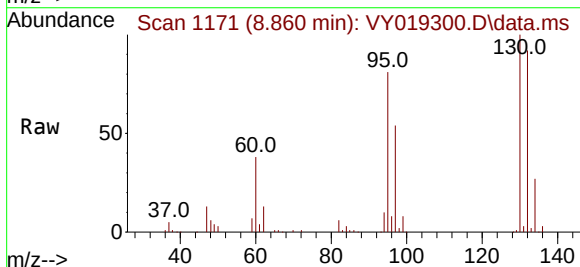
RT: 8.860 min Scan# 1171

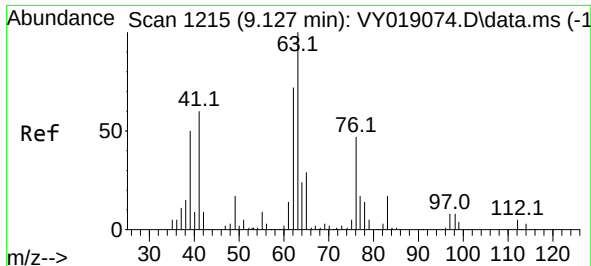
Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Tgt Ion: 130	Resp: 54720
Ion Ratio	Lower Upper
130	100
95	81.3 0.0 188.0

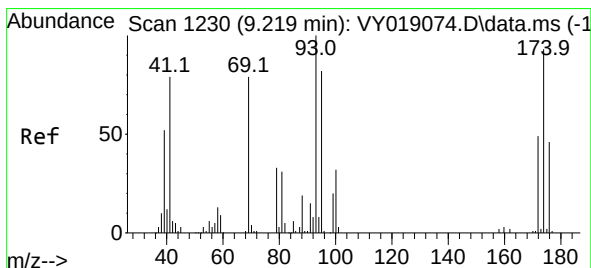
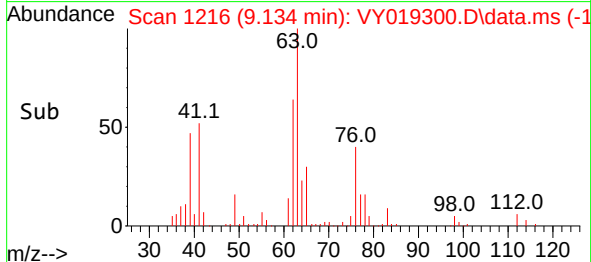
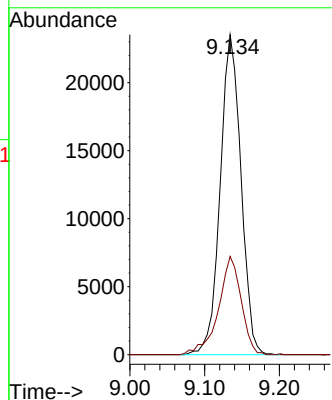
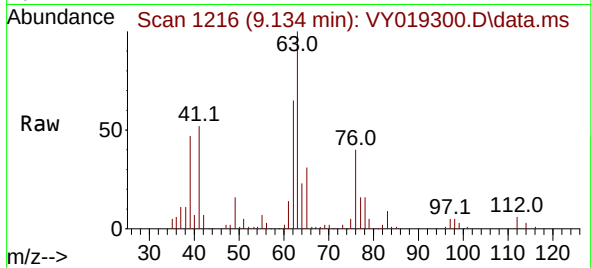




#45
1,2-Dichloropropane
Concen: 51.070 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

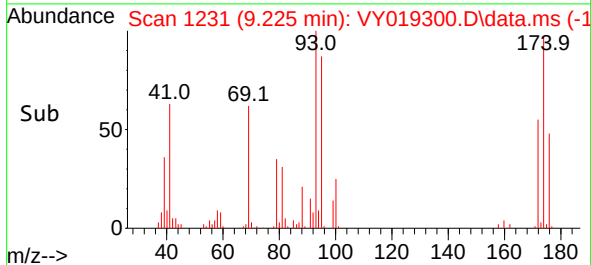
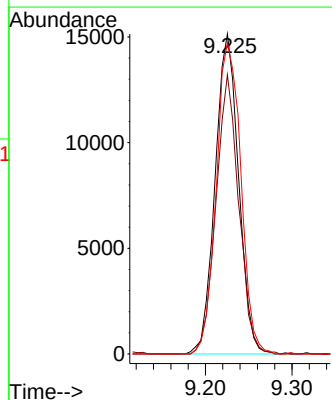
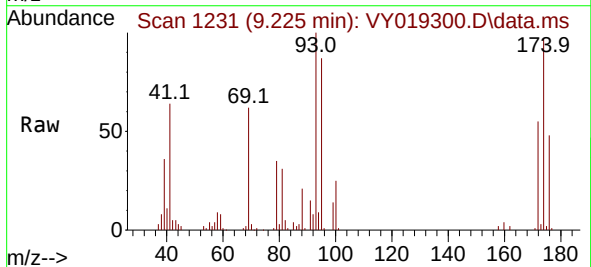
Instrument :
MSVOA_Y
ClientSampleId :

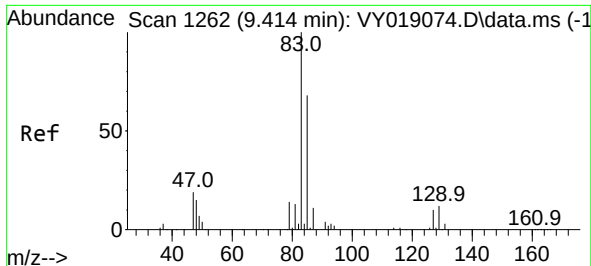
Tgt Ion: 63 Resp: 45553
Ion Ratio Lower Upper
63 100
65 30.7 25.4 38.2



#46
Dibromomethane
Concen: 49.139 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 93 Resp: 28428
Ion Ratio Lower Upper
93 100
95 85.0 66.2 99.4
174 102.1 80.9 121.3

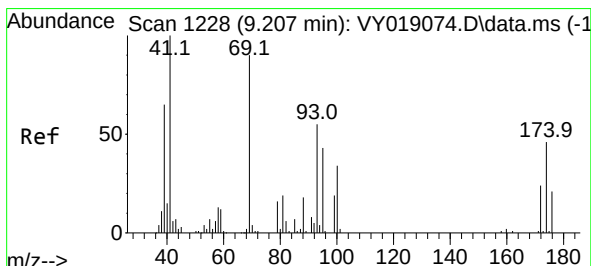
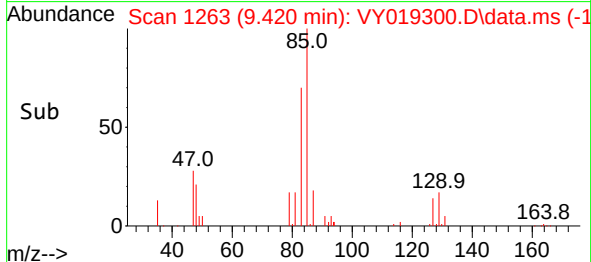
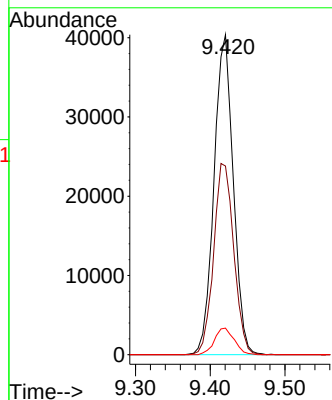
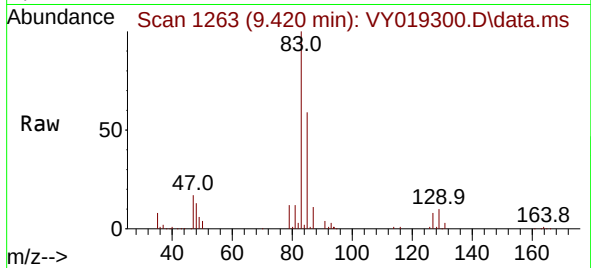




#47
Bromodichloromethane
Concen: 51.013 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

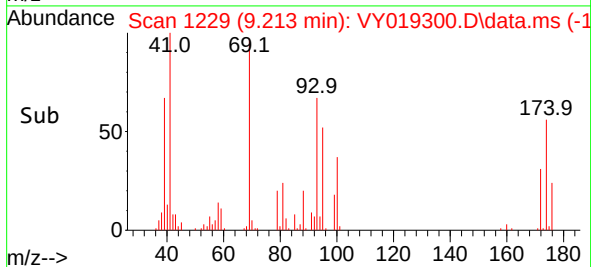
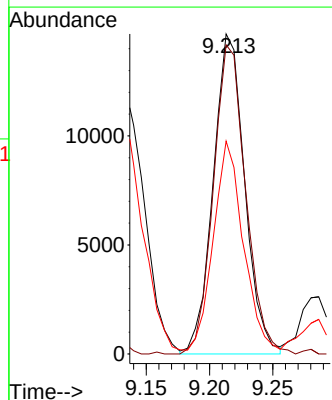
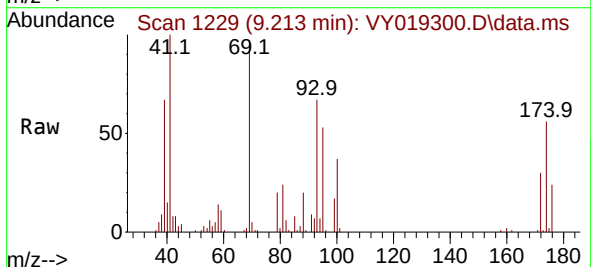
Instrument :
MSVOA_Y
ClientSampleId :

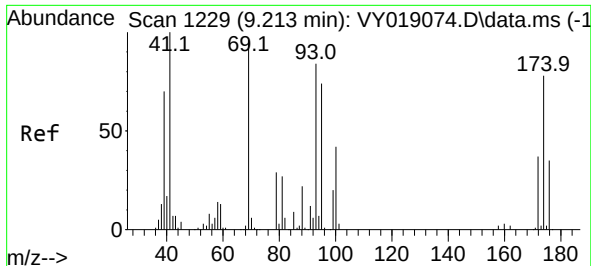
Tgt Ion: 83 Resp: 72406
Ion Ratio Lower Upper
83 100
85 59.0 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 48.783 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 41 Resp: 25428
Ion Ratio Lower Upper
41 100
69 98.6 84.1 126.1
39 62.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1035.523 ug/l

RT: 9.225 min Scan# 1229

Delta R.T. 0.013 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

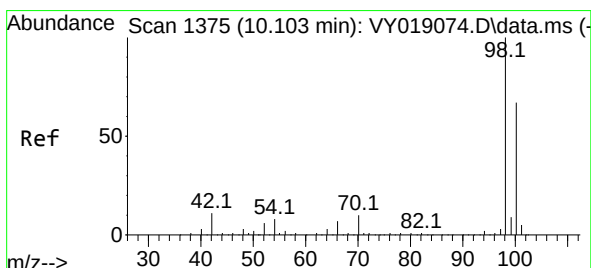
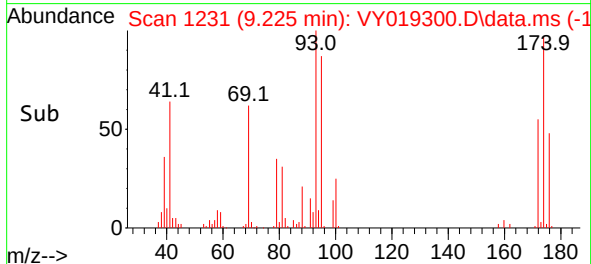
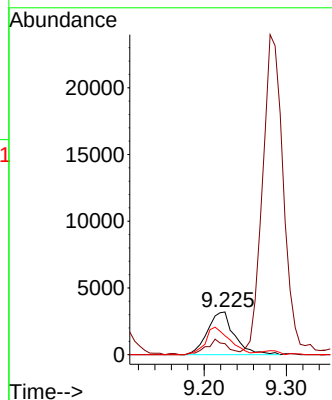
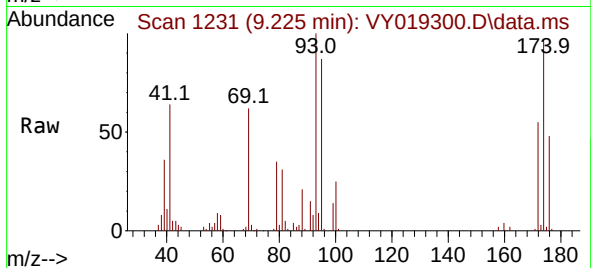
Tgt Ion: 88 Resp: 7257

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0#

58 58.9 49.3 73.9



#50

Toluene-d8

Concen: 47.718 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019300.D

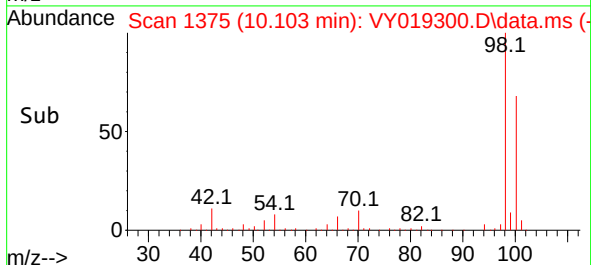
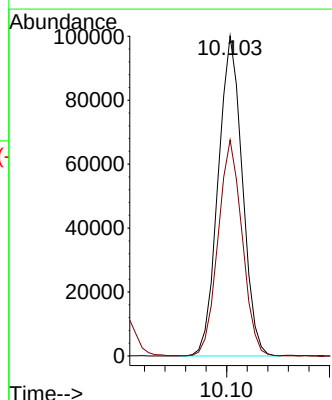
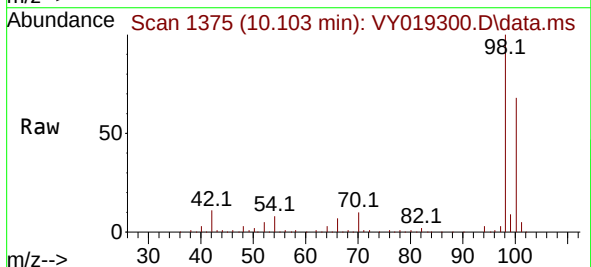
Acq: 27 Aug 2024 21:20

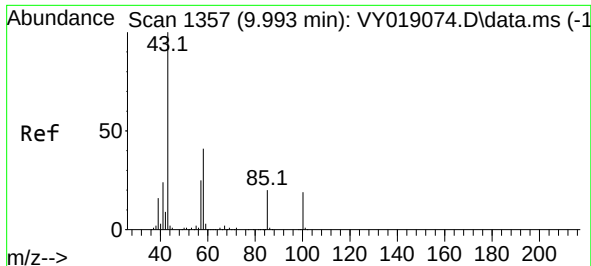
Tgt Ion: 98 Resp: 163238

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0

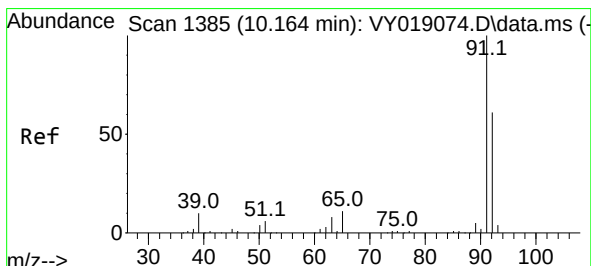
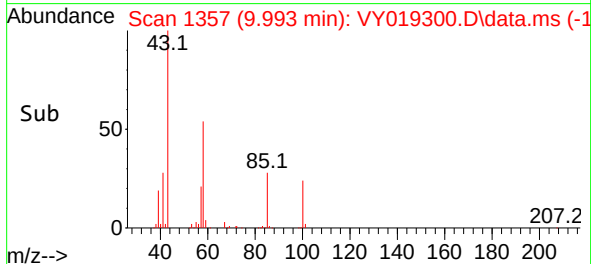
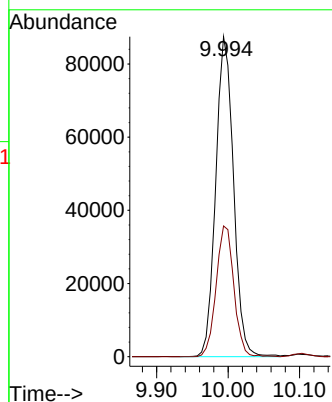
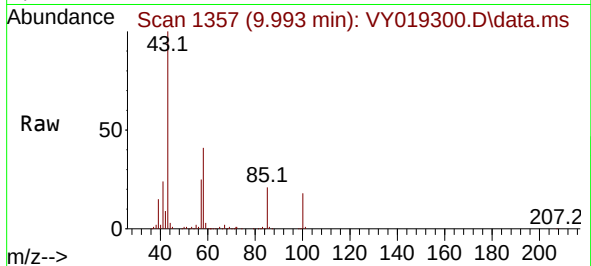




#51
4-Methyl-2-Pentanone
Concen: 243.541 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

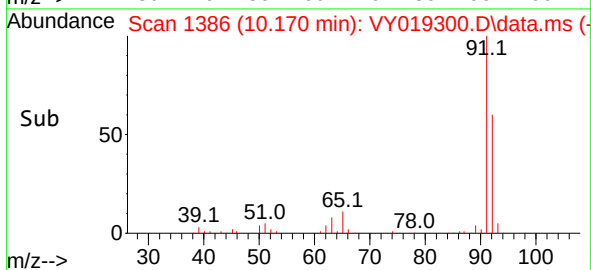
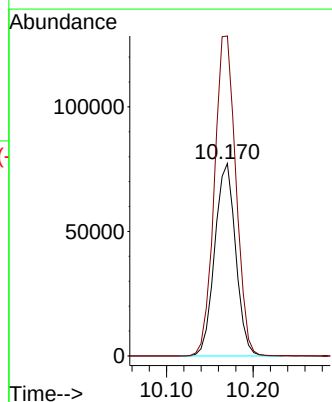
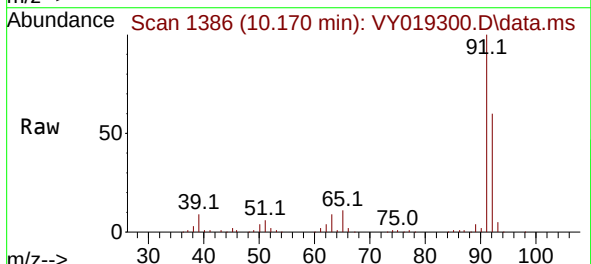
Instrument :
MSVOA_Y
ClientSampleId :

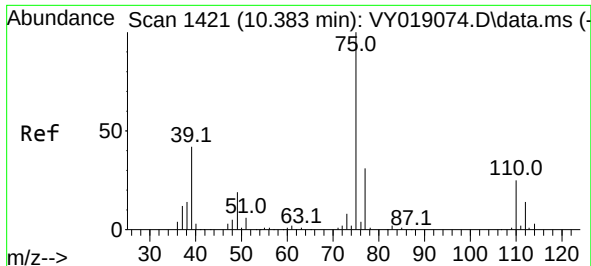
Tgt Ion: 43 Resp: 151185
Ion Ratio Lower Upper
43 100
58 40.7 35.7 53.5



#52
Toluene
Concen: 49.338 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 92 Resp: 129657
Ion Ratio Lower Upper
92 100
91 171.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 49.906 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

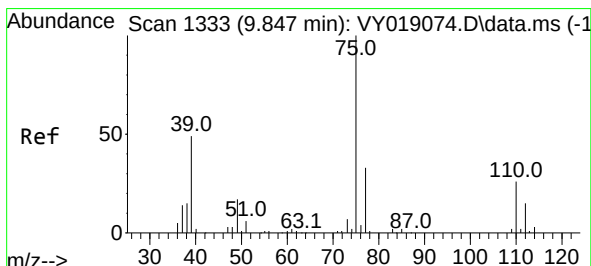
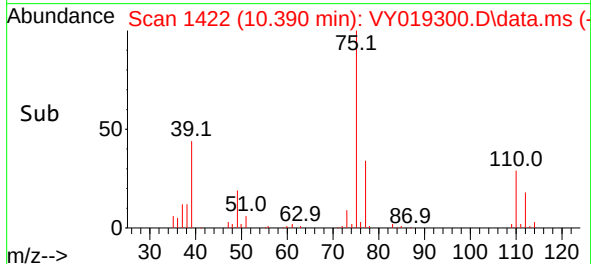
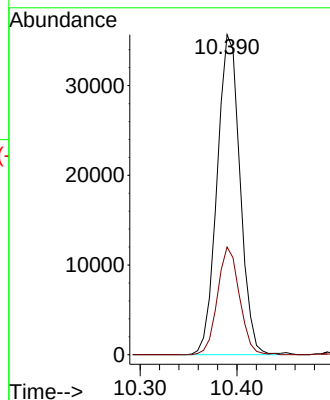
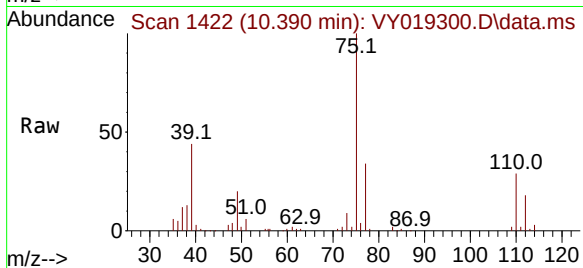
ClientSampleId :

Tgt Ion: 75 Resp: 58759

Ion Ratio Lower Upper

75 100

77 33.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 50.288 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

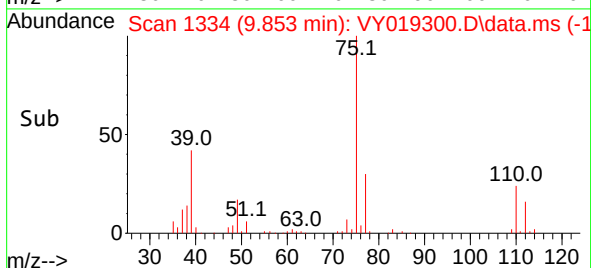
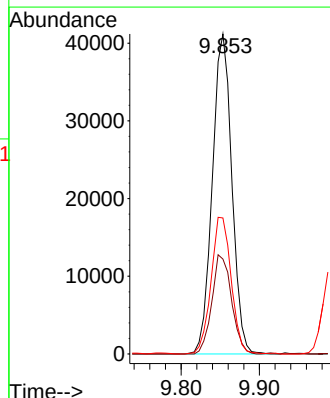
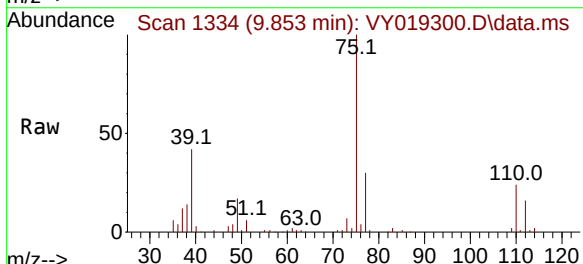
Tgt Ion: 75 Resp: 71207

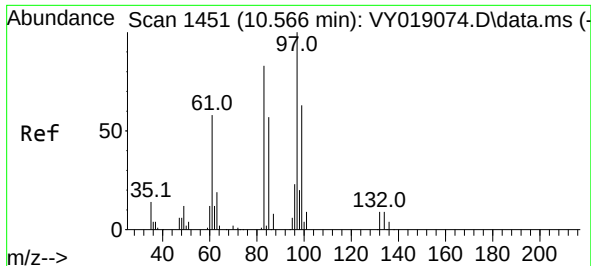
Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0

39 42.5 29.8 44.6

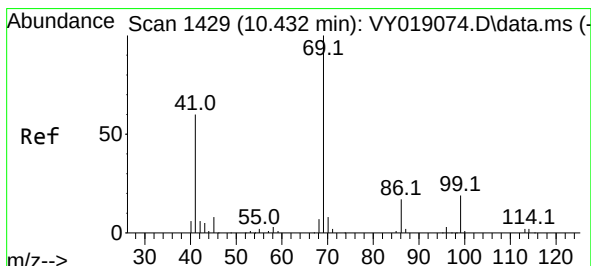
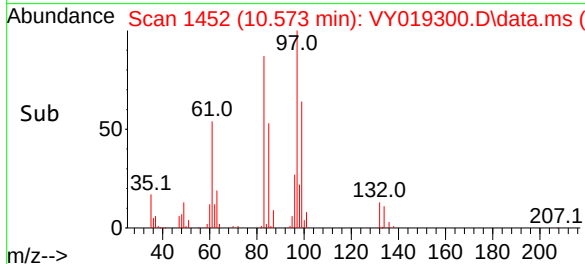
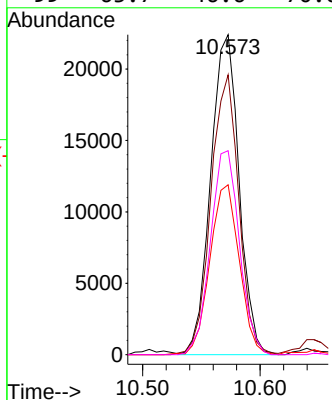
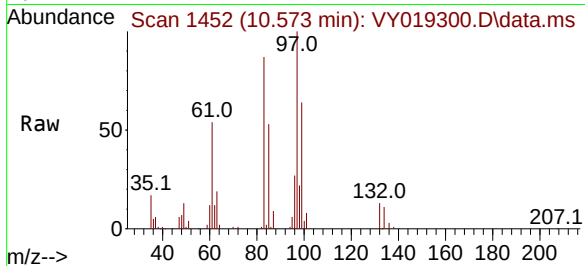




#55
1,1,2-Trichloroethane
Concen: 50.615 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

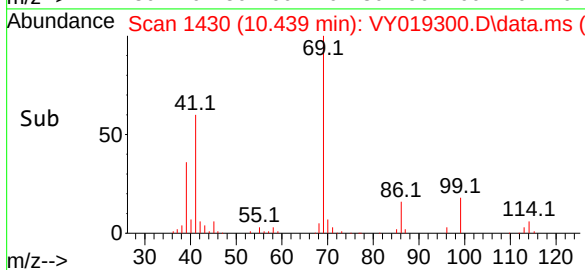
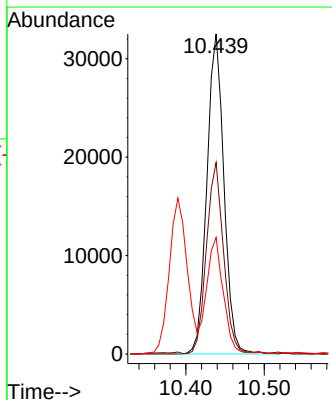
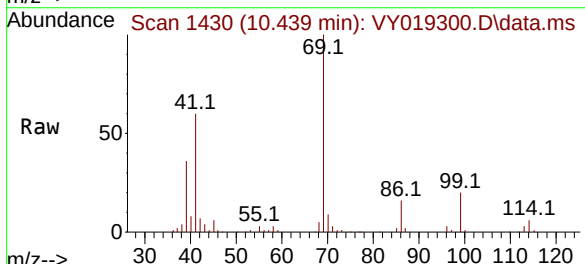
Instrument :
MSVOA_Y
ClientSampleId :

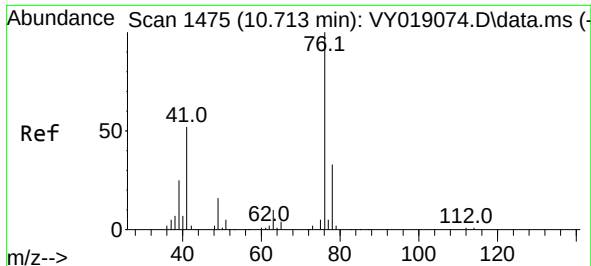
Tgt Ion: 97	Resp: 37696
Ion Ratio	Lower Upper
97 100	
83 87.1	67.5 101.3
85 53.1	42.9 64.3
99 63.7	46.6 70.0



#56
Ethyl methacrylate
Concen: 50.347 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 69	Resp: 49079
Ion Ratio	Lower Upper
69 100	
41 59.7	42.3 63.5
39 35.6	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 50.027 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

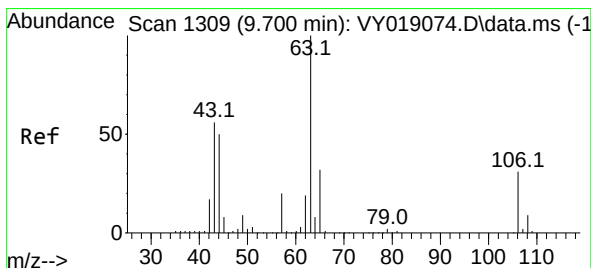
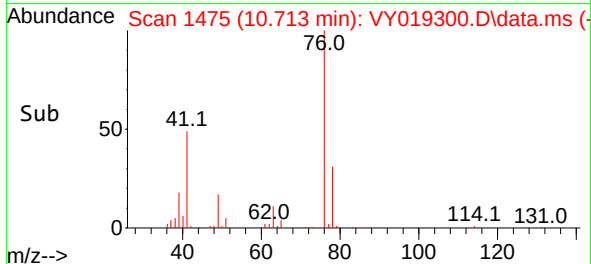
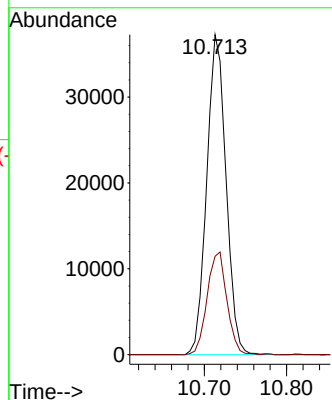
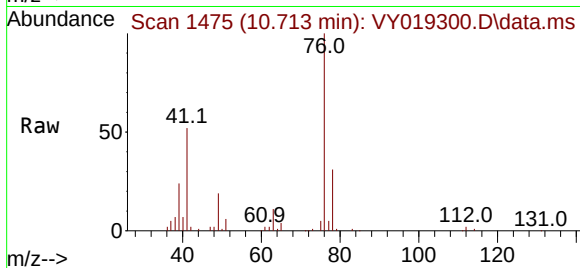
ClientSampleId :

Tgt Ion: 76 Resp: 60736

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 252.035 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019300.D

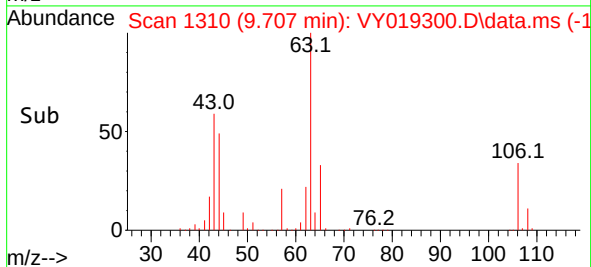
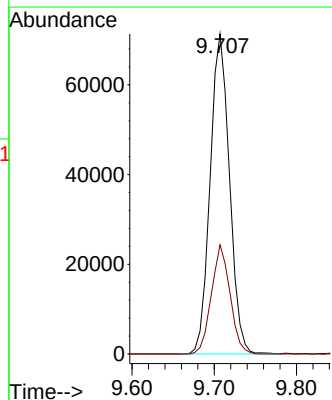
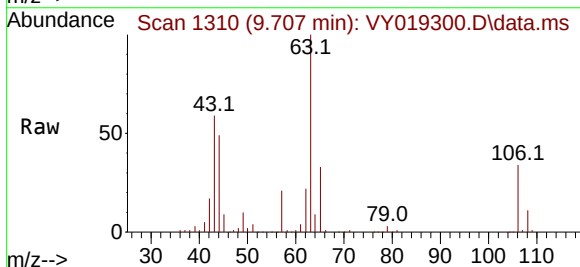
Acq: 27 Aug 2024 21:20

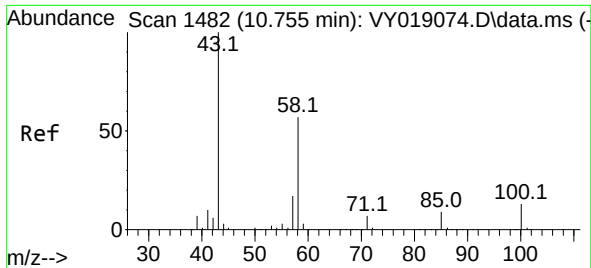
Tgt Ion: 63 Resp: 116554

Ion Ratio Lower Upper

63 100

106 32.9 23.7 35.5

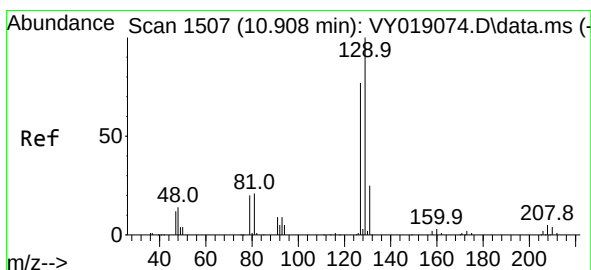
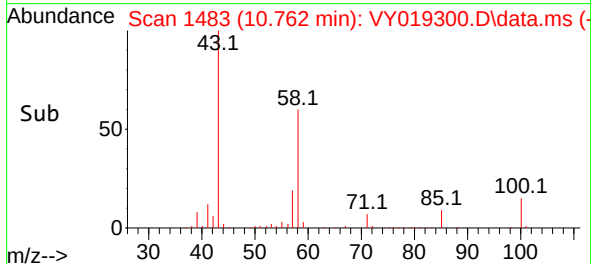
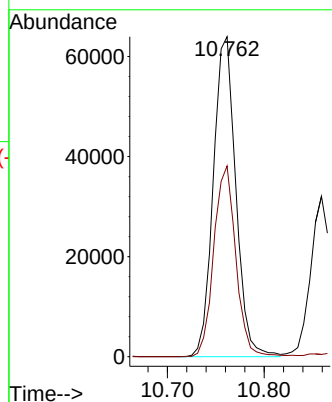
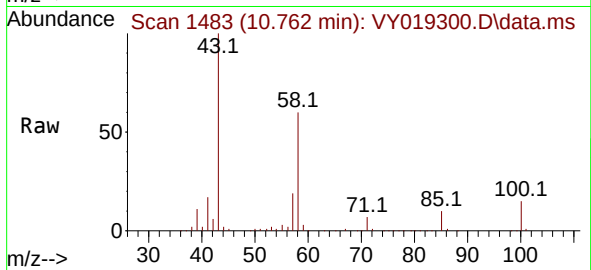




#59
2-Hexanone
Concen: 242.718 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

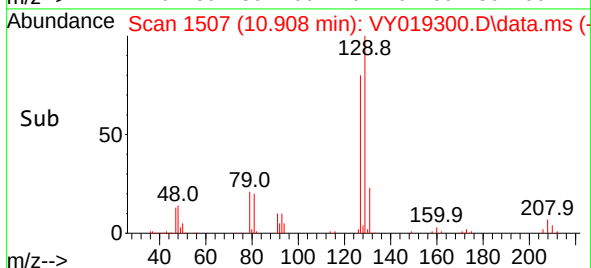
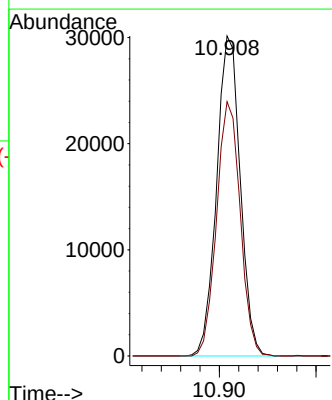
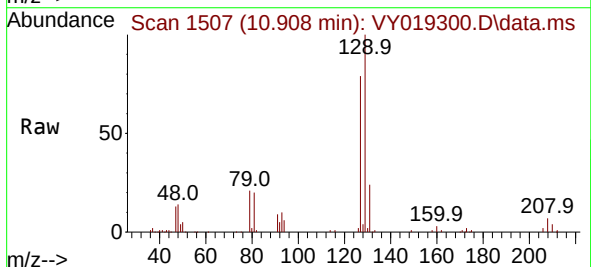
Instrument :
MSVOA_Y
ClientSampleId :

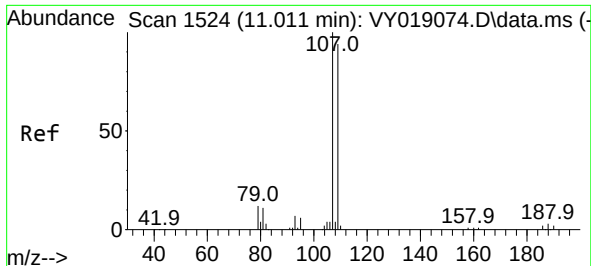
Tgt Ion: 43 Resp: 103516
Ion Ratio Lower Upper
43 100
58 58.2 31.4 94.0



#60
Dibromochloromethane
Concen: 50.387 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 129 Resp: 51111
Ion Ratio Lower Upper
129 100
127 79.3 39.0 117.0

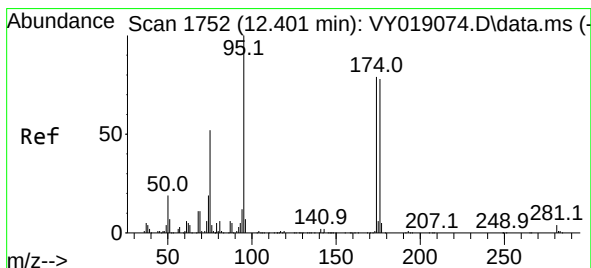
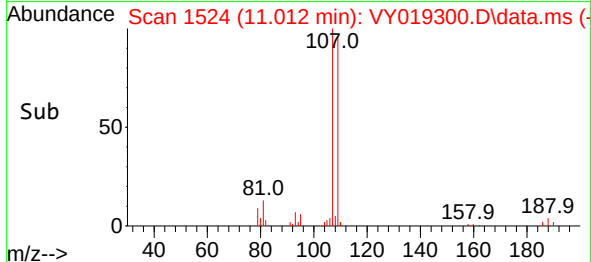
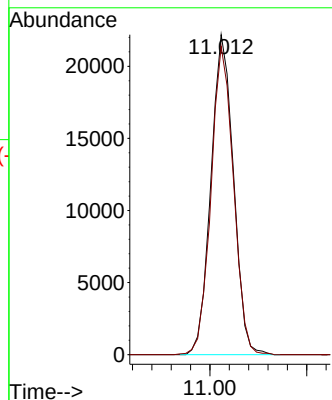
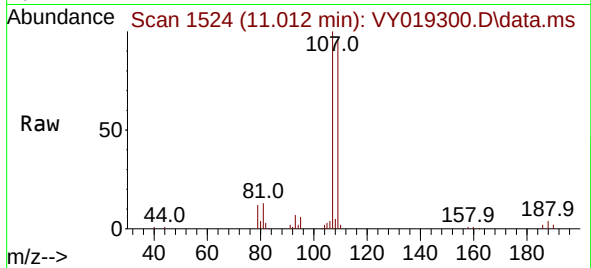




#61
1,2-Dibromoethane
Concen: 49.881 ug/l
RT: 11.012 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

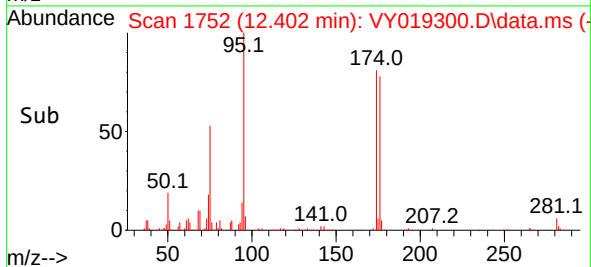
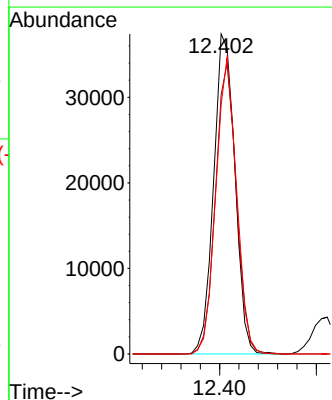
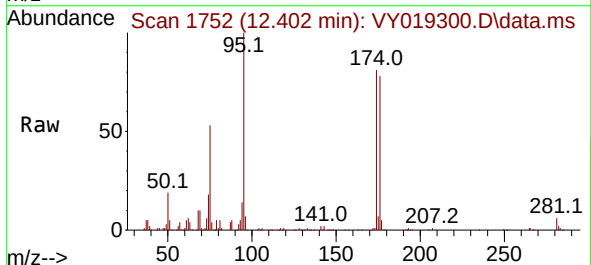
Instrument :
MSVOA_Y
ClientSampleId :

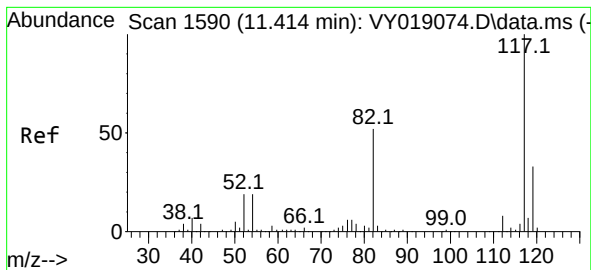
Tgt Ion:107 Resp: 35906
Ion Ratio Lower Upper
107 100
109 96.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 95 Resp: 57079
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 89.5 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: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

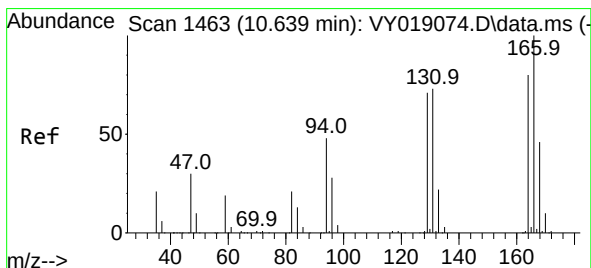
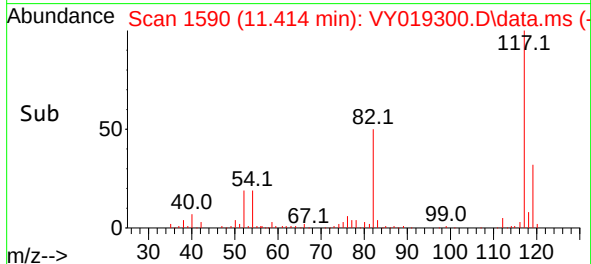
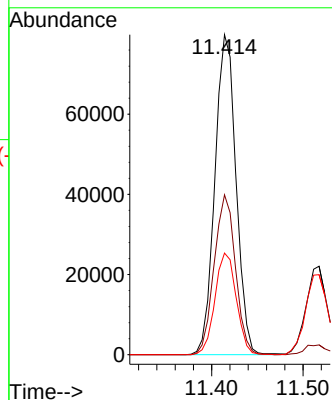
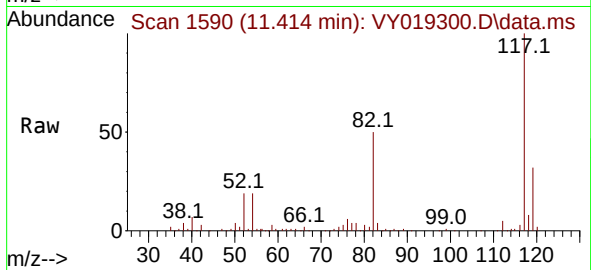
Tgt Ion:117 Resp: 128485

Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 51.691 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Tgt Ion:164 Resp: 58052

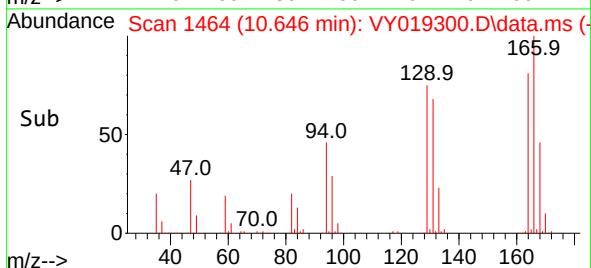
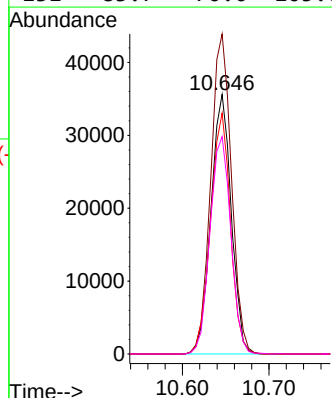
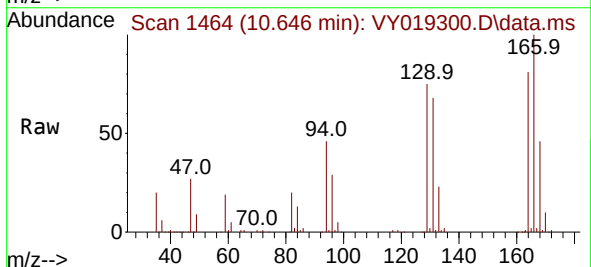
Ion Ratio Lower Upper

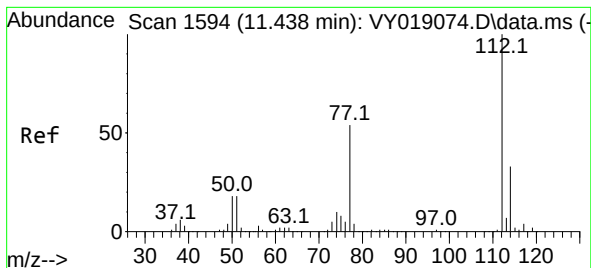
164 100

166 123.3 102.6 154.0

129 92.9 72.0 108.0

131 83.7 70.0 105.0





#65

Chlorobenzene

Concen: 48.833 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

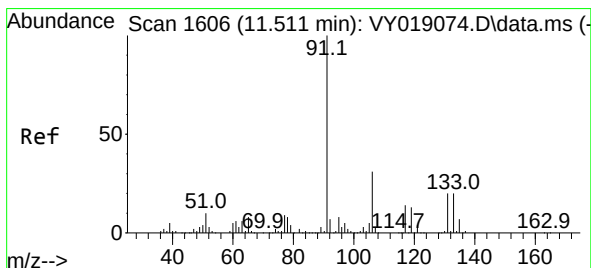
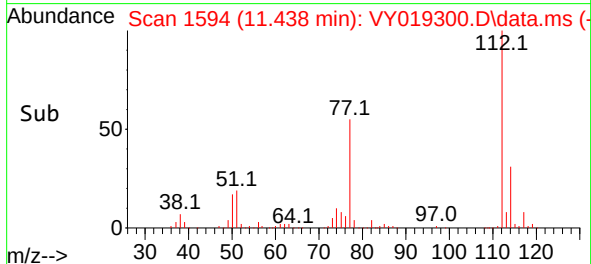
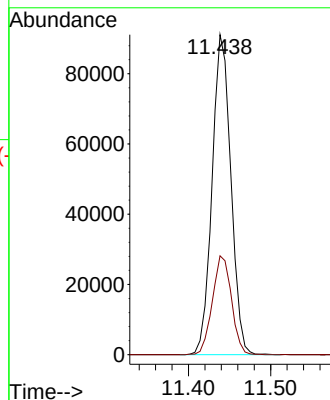
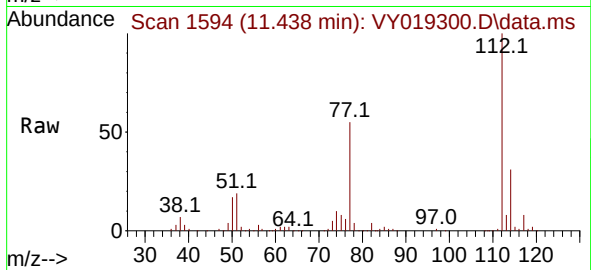
ClientSampleId :

Tgt Ion:112 Resp: 144475

Ion Ratio Lower Upper

112 100

114 30.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.522 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

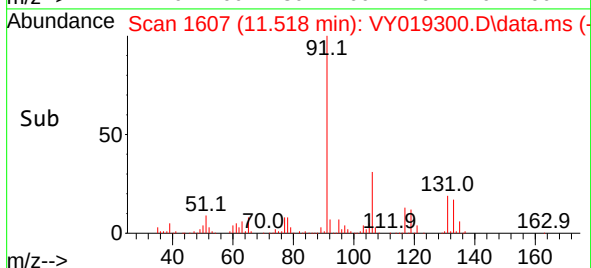
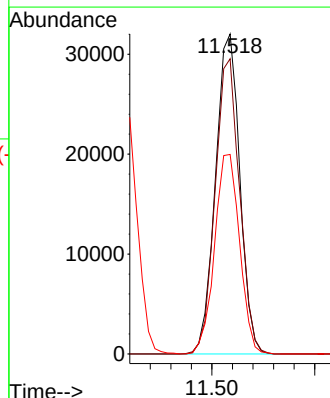
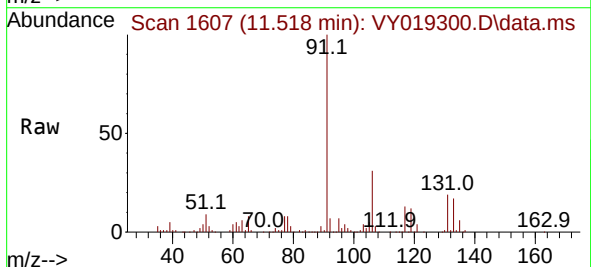
Tgt Ion:131 Resp: 52564

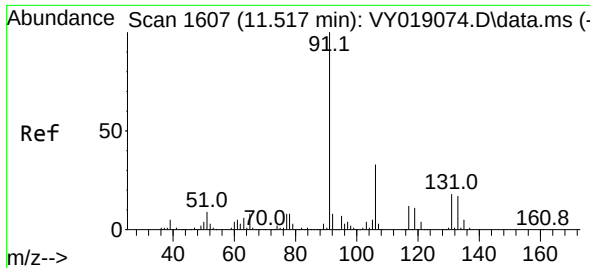
Ion Ratio Lower Upper

131 100

133 92.8 47.8 143.3

119 64.3 34.1 102.2

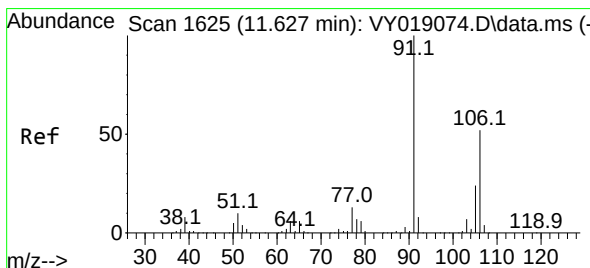
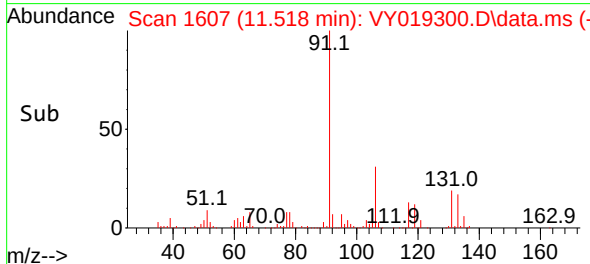
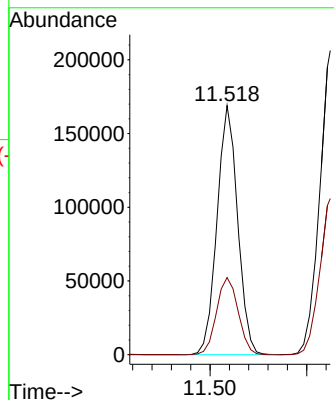
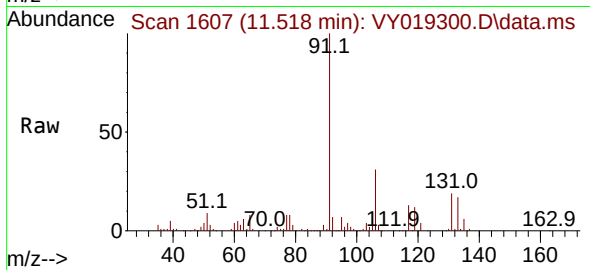




#67
Ethyl Benzene
Concen: 48.480 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

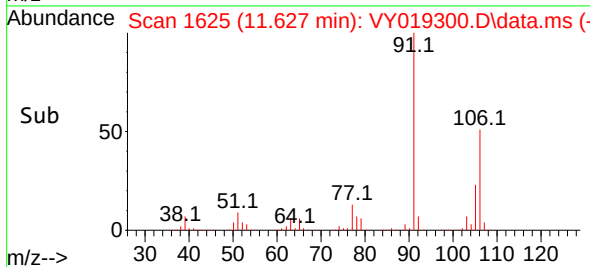
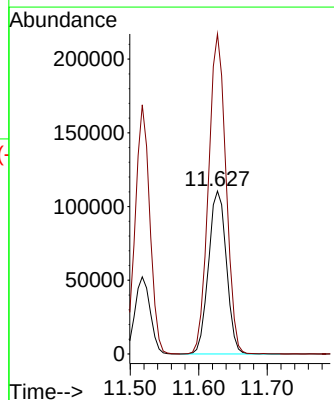
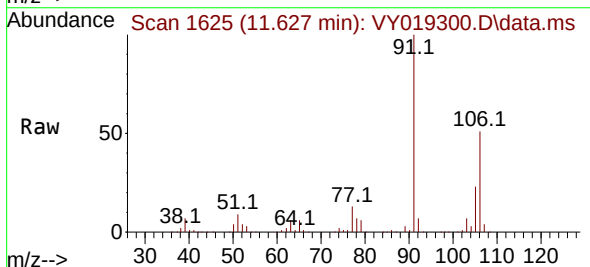
Instrument :
MSVOA_Y
ClientSampleId :

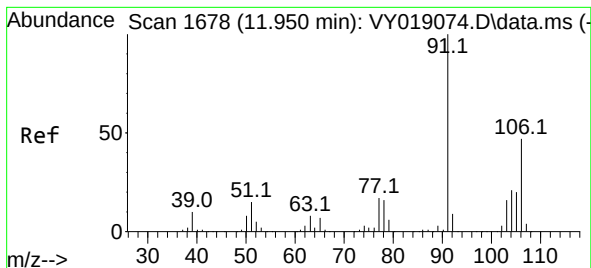
Tgt Ion: 91 Resp: 248947
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 98.366 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion:106 Resp: 200423
Ion Ratio Lower Upper
106 100
91 192.1 156.0 234.0





#69

o-Xylene

Concen: 50.411 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

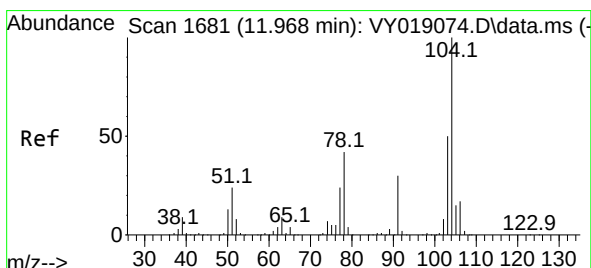
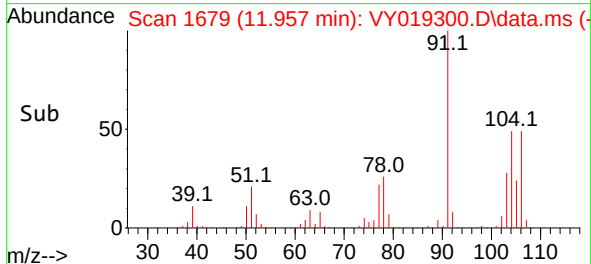
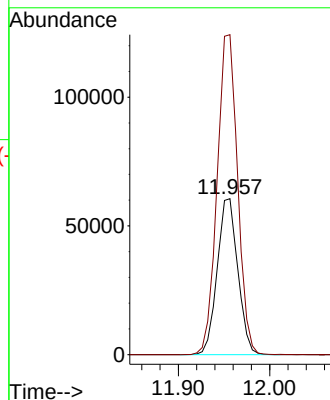
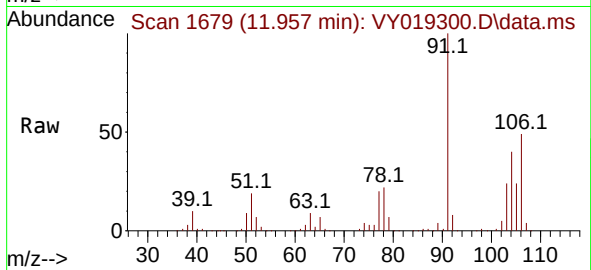
ClientSampleId :

Tgt Ion:106 Resp: 95117

Ion Ratio Lower Upper

106 100

91 204.0 103.6 310.8



#70

Styrene

Concen: 49.340 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

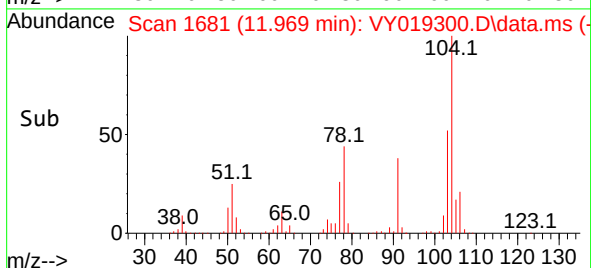
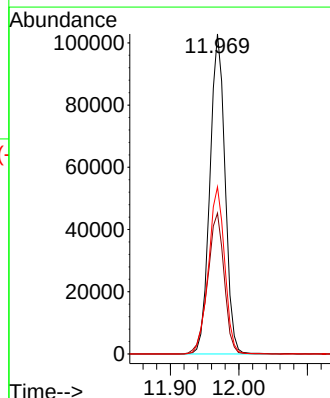
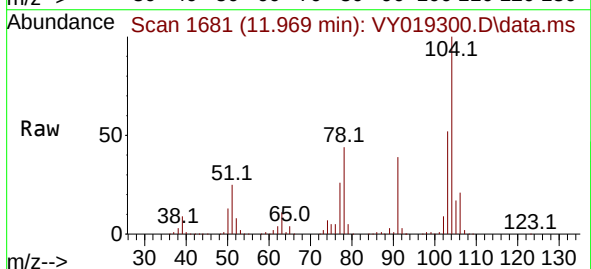
Tgt Ion:104 Resp: 158757

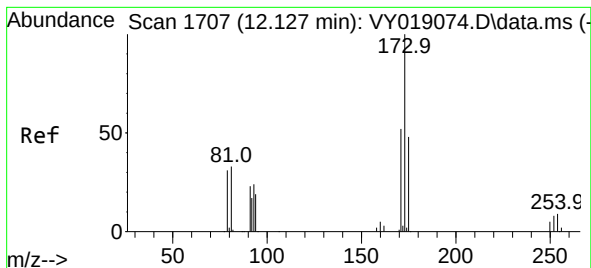
Ion Ratio Lower Upper

104 100

78 47.7 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 50.274 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019300.D

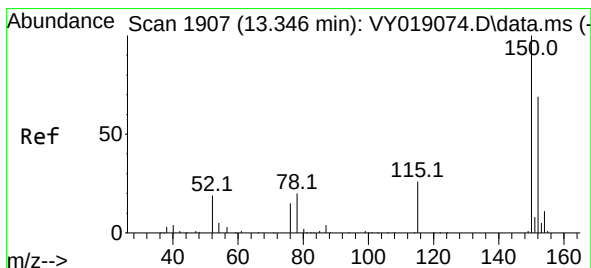
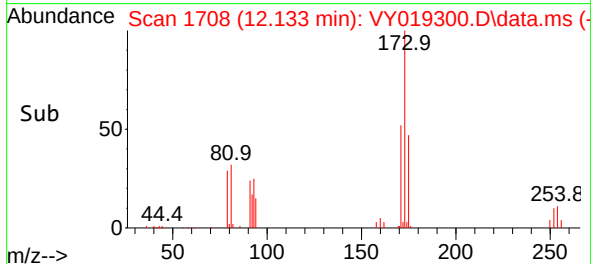
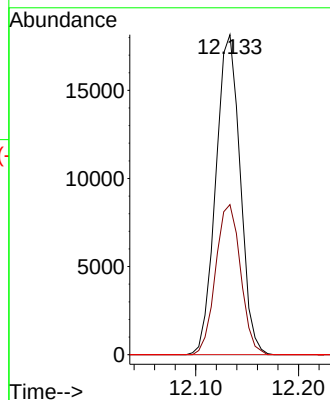
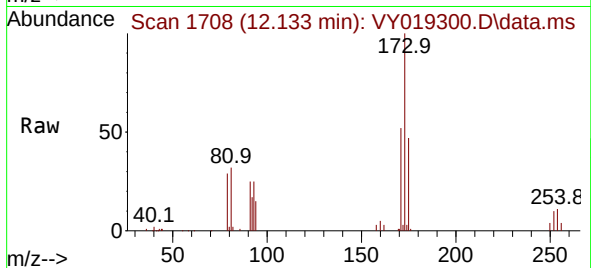
Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	29900
Ion Ratio	Lower	Upper
173	100	
175	48.1	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

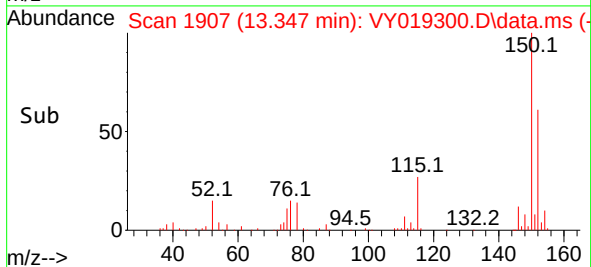
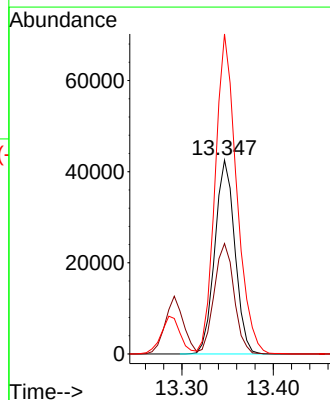
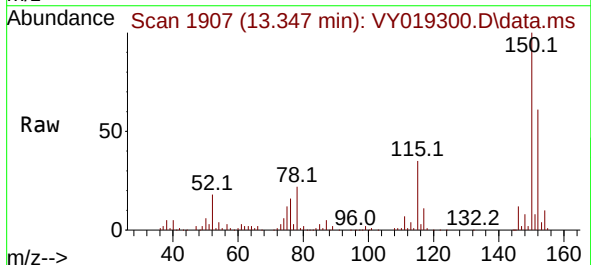
RT: 13.347 min Scan# 1907

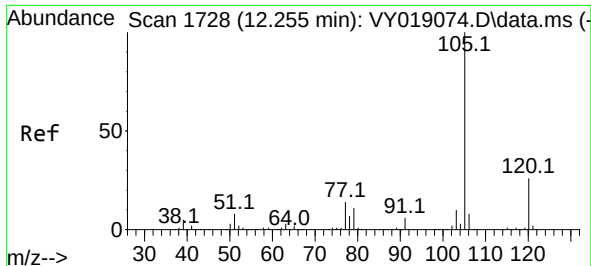
Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Tgt Ion:152	Resp:	64892
Ion Ratio	Lower	Upper
152	100	
115	56.5	28.2 84.7
150	176.5	0.0 345.6

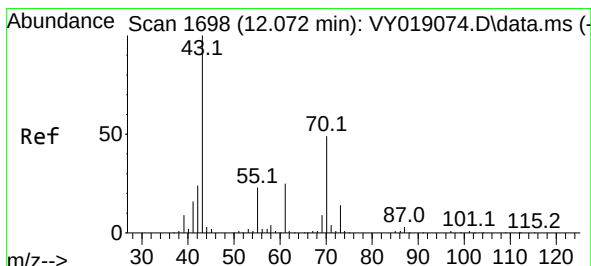
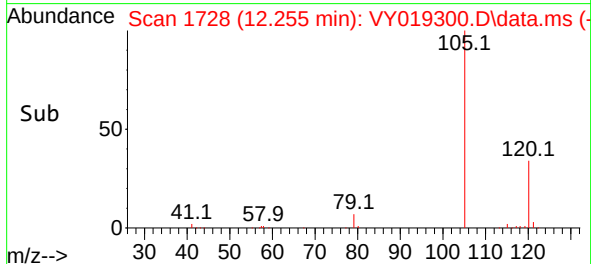
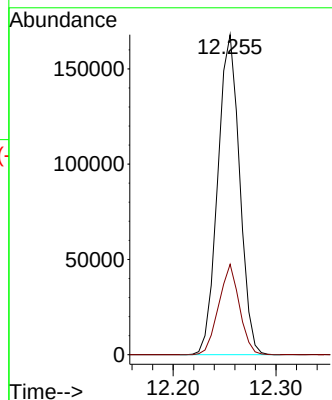
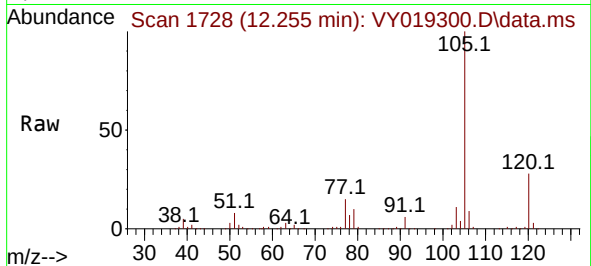




#73
Isopropylbenzene
Concen: 49.816 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

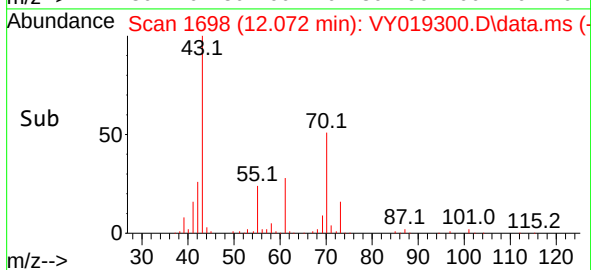
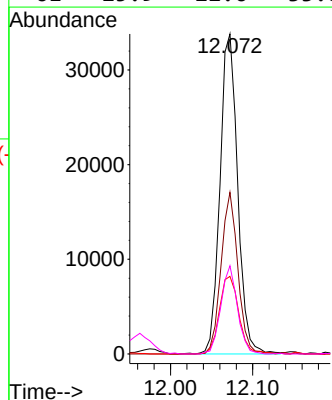
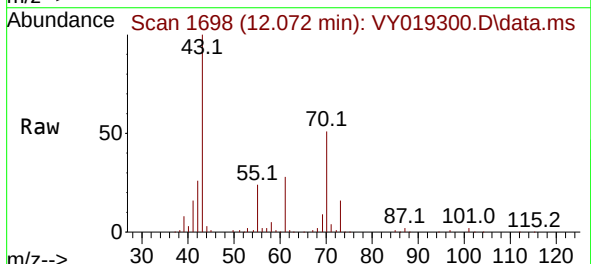
Instrument :
MSVOA_Y
ClientSampleId :

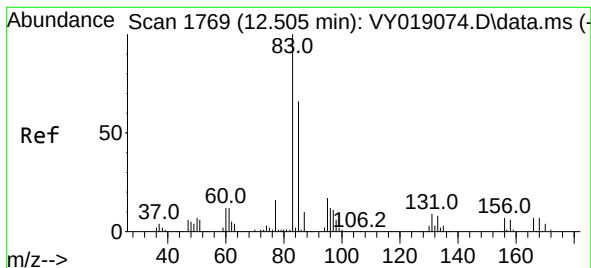
Tgt Ion:105 Resp: 247765
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 46.582 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 43 Resp: 50520
Ion Ratio Lower Upper
43 100
70 48.2 41.4 62.2
55 26.6 23.3 34.9
61 25.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.458 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

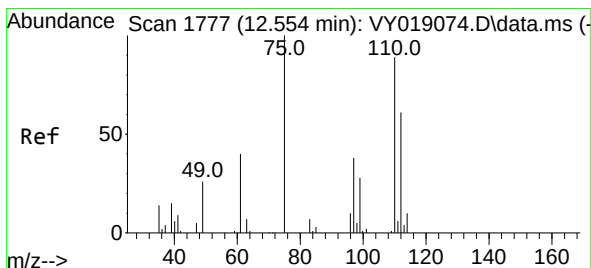
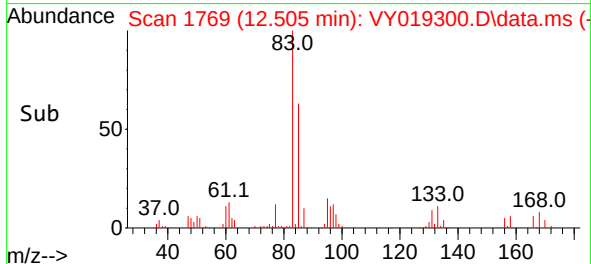
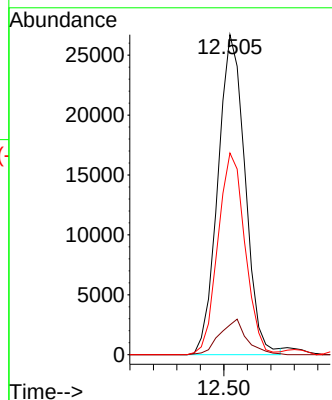
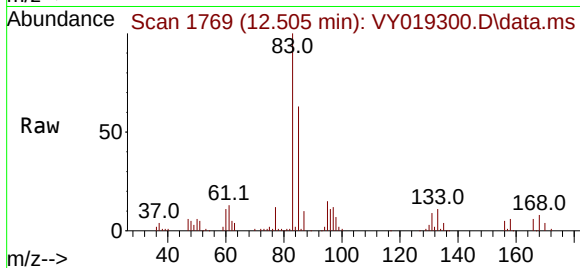
Tgt Ion: 83 Resp: 42908

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

85 62.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 83.955 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019300.D

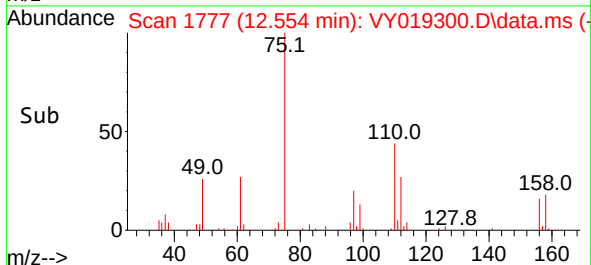
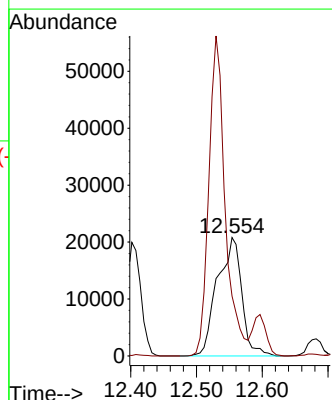
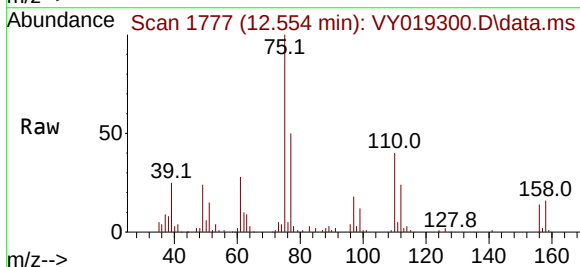
Acq: 27 Aug 2024 21:20

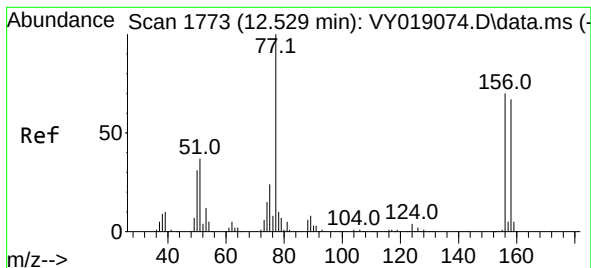
Tgt Ion: 75 Resp: 53727

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.606 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

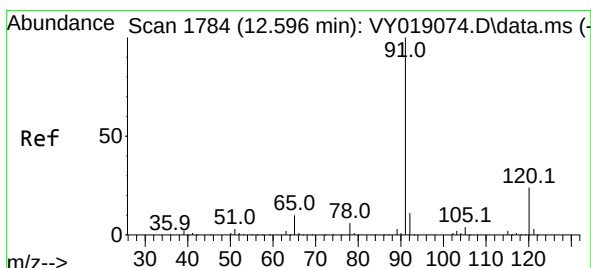
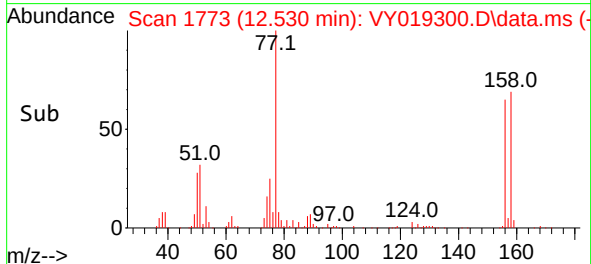
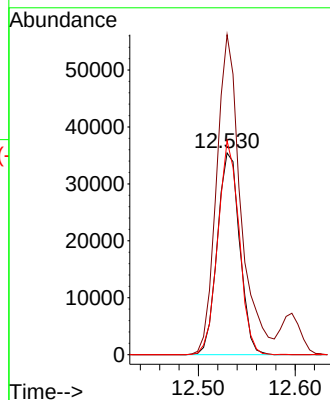
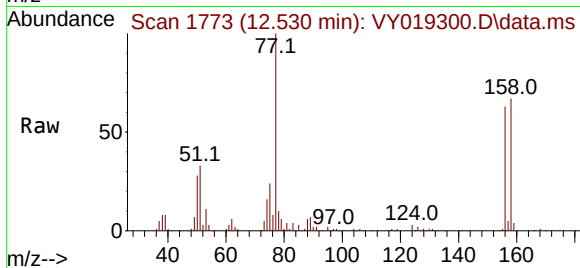
Tgt Ion:156 Resp: 56864

Ion Ratio Lower Upper

156 100

77 172.0 87.1 261.3

158 101.3 48.6 145.9



#78

n-propylbenzene

Concen: 49.456 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019300.D

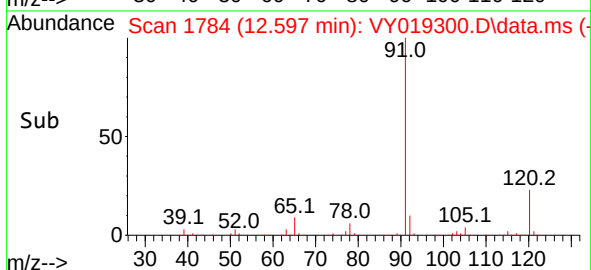
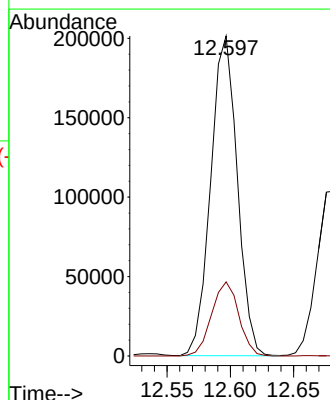
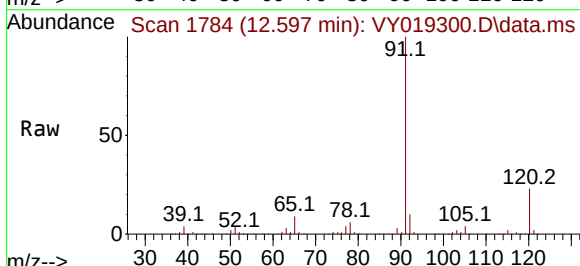
Acq: 27 Aug 2024 21:20

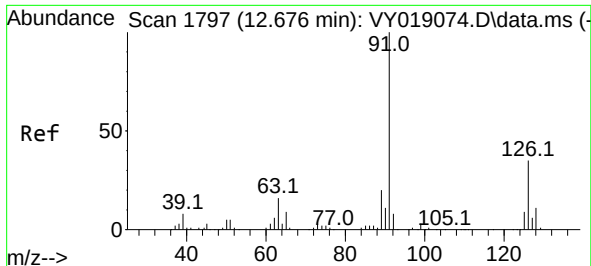
Tgt Ion: 91 Resp: 294050

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

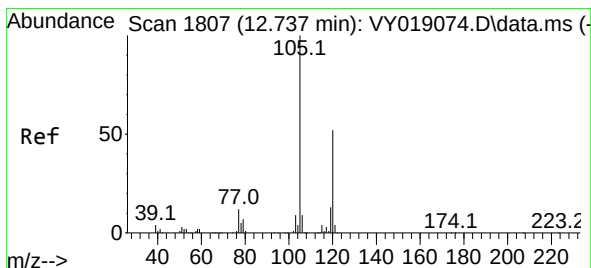
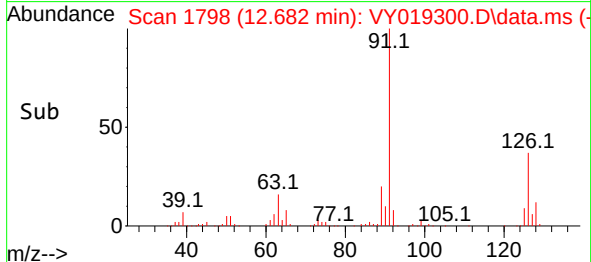
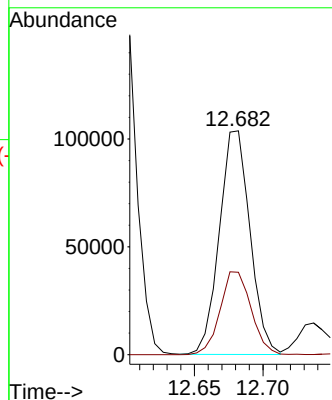
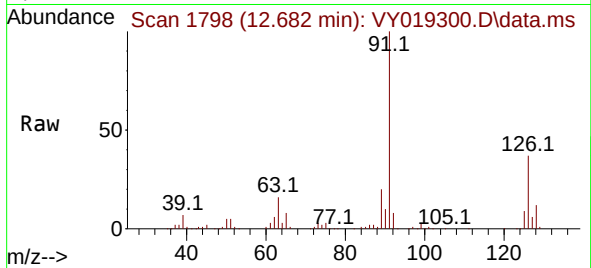




#79
2-Chlorotoluene
Concen: 48.469 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

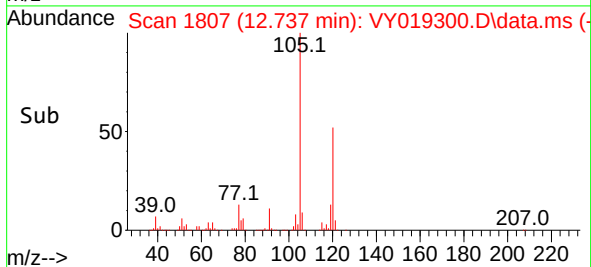
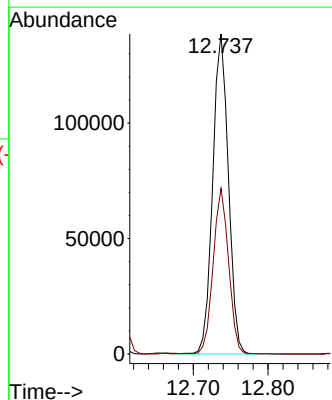
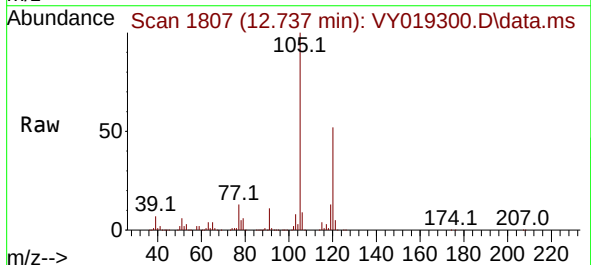
Instrument :
MSVOA_Y
ClientSampleId :

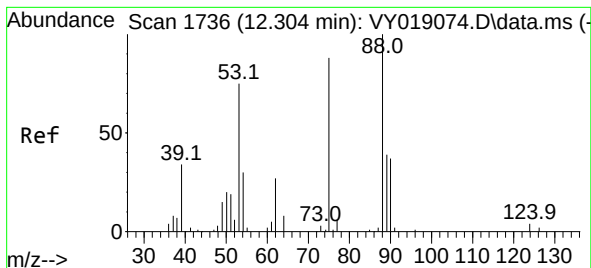
Tgt Ion: 91 Resp: 161565
Ion Ratio Lower Upper
91 100
126 37.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.834 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 105 Resp: 201918
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.2

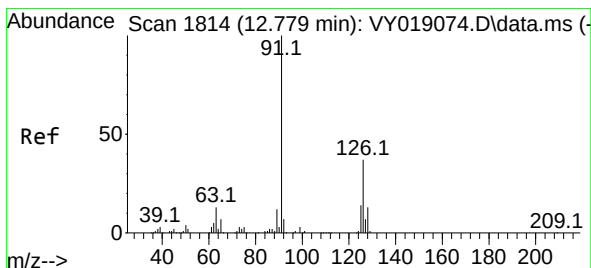
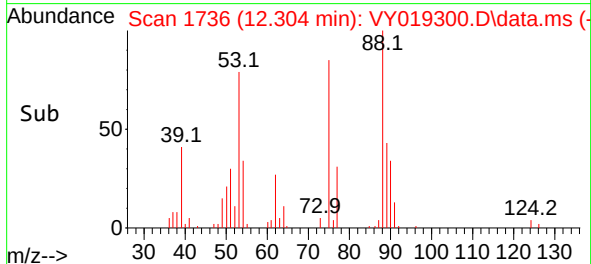
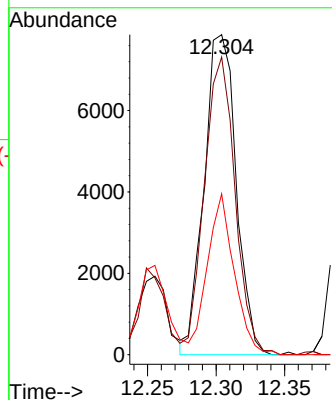
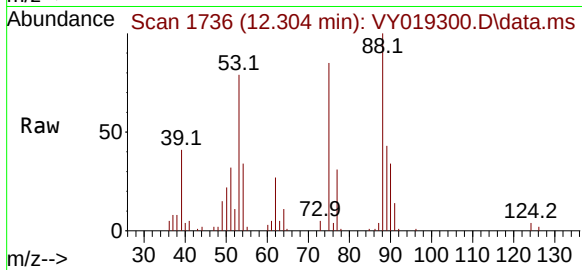




#81
trans-1,4-Dichloro-2-butene
Concen: 49.331 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

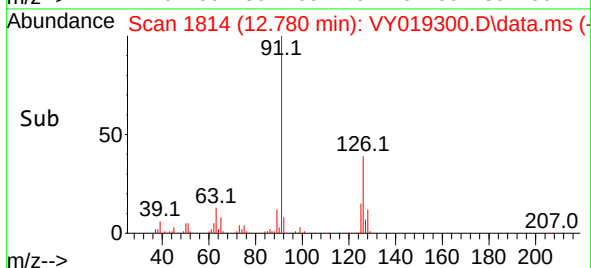
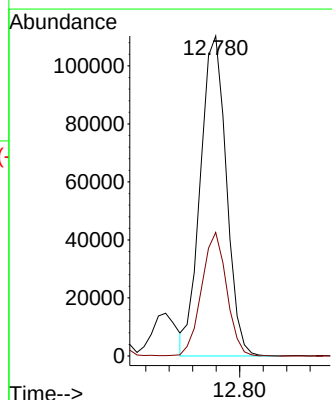
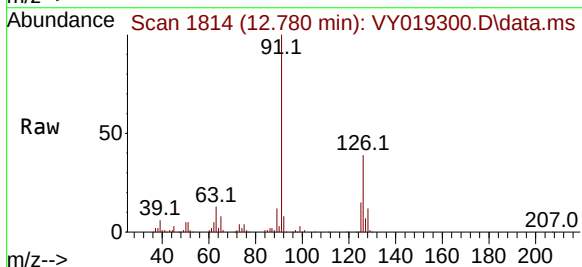
Instrument :
MSVOA_Y
ClientSampleId :

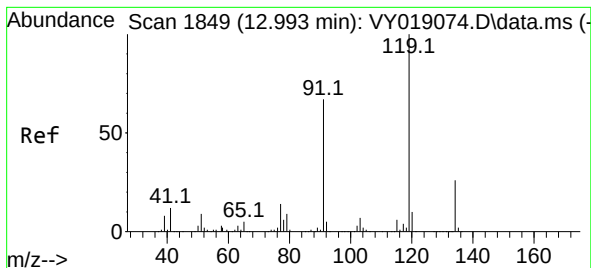
Tgt Ion: 75 Resp: 12783
Ion Ratio Lower Upper
75 100
53 89.5 66.8 100.2
89 42.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.807 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019300.D
Acq: 27 Aug 2024 21:20

Tgt Ion: 91 Resp: 169263
Ion Ratio Lower Upper
91 100
126 37.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.667 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

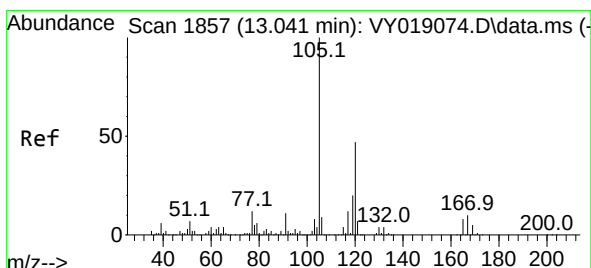
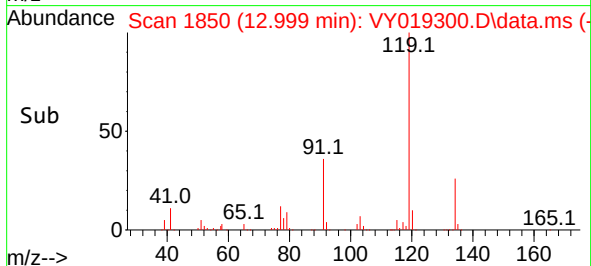
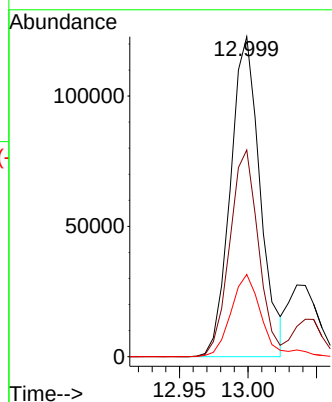
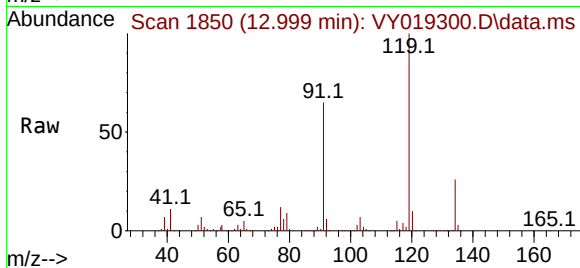
Tgt Ion:119 Resp: 185842

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.506 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019300.D

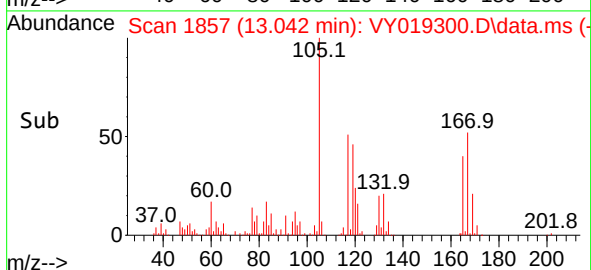
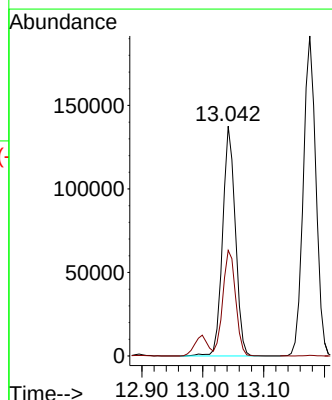
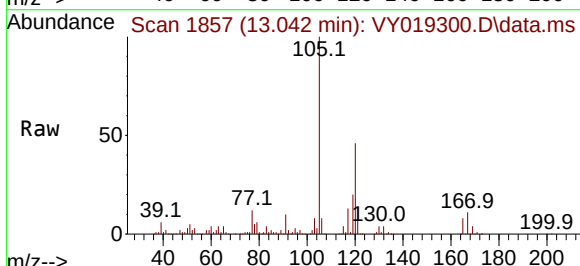
Acq: 27 Aug 2024 21:20

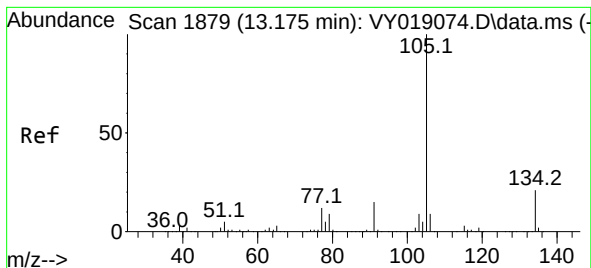
Tgt Ion:105 Resp: 199919

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.395 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

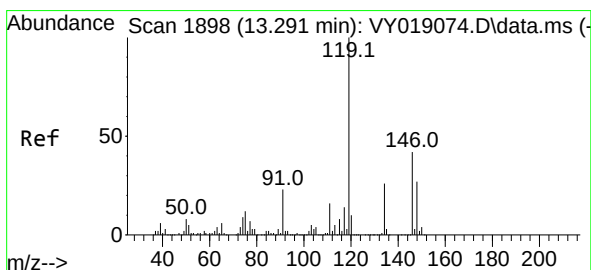
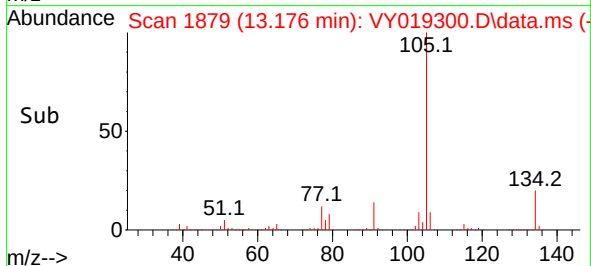
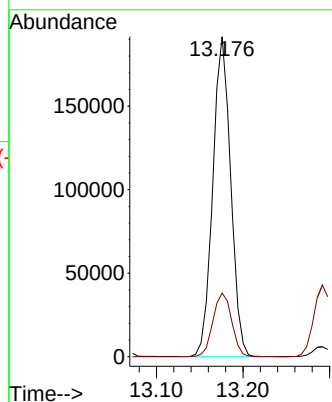
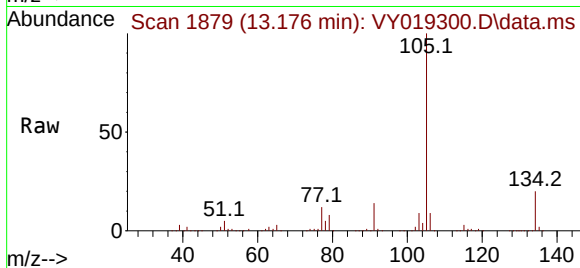
ClientSampleId :

Tgt Ion:105 Resp: 274790

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.442 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

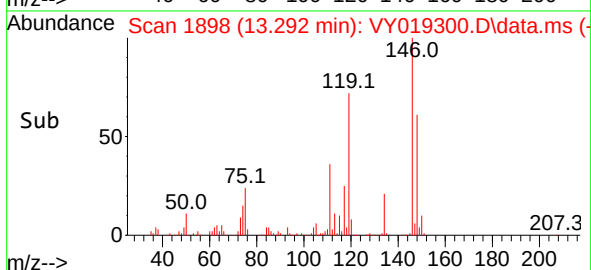
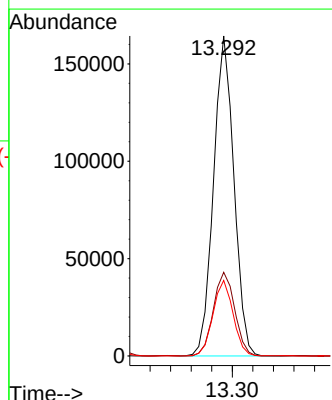
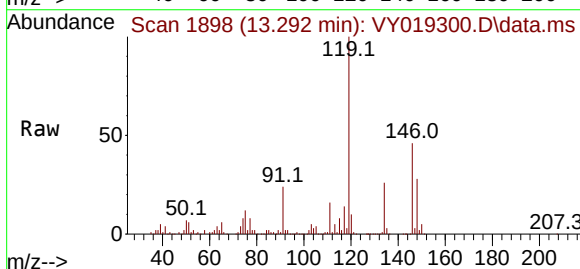
Tgt Ion:119 Resp: 225922

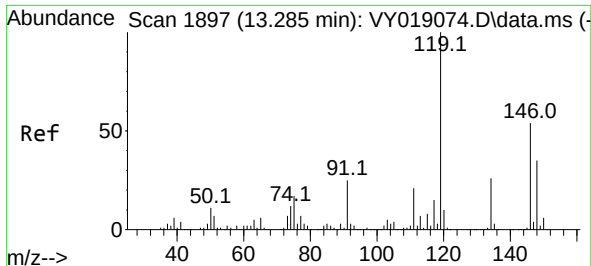
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.333 ug/l

RT: 13.286 min Scan# 118565

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

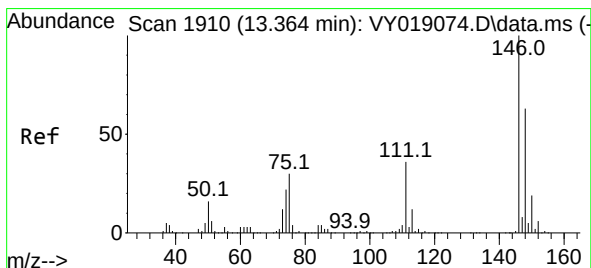
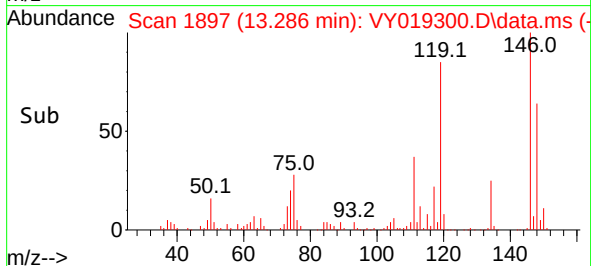
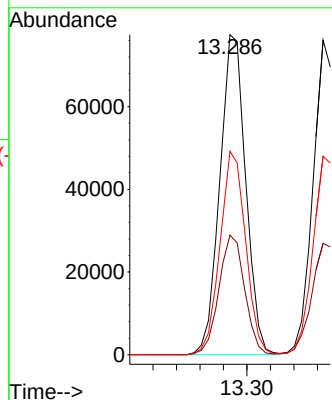
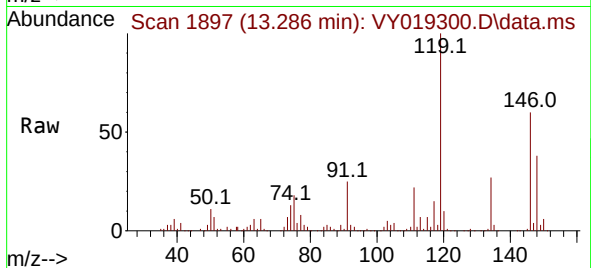
Tgt Ion:146 Resp: 118565

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.872 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

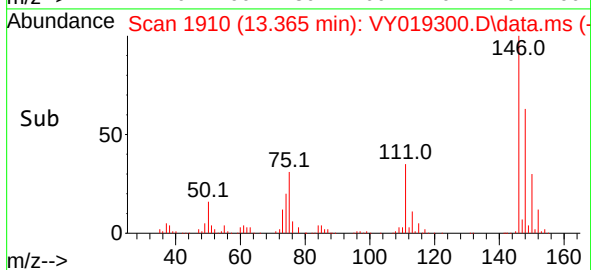
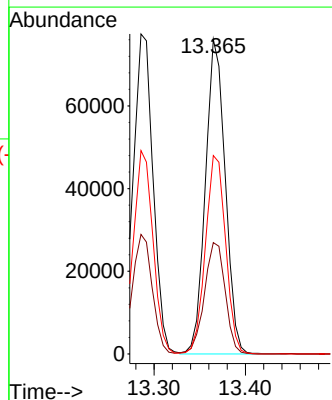
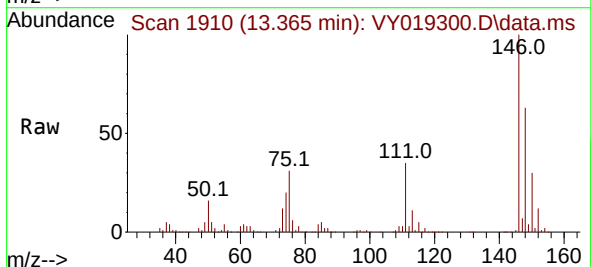
Tgt Ion:146 Resp: 114438

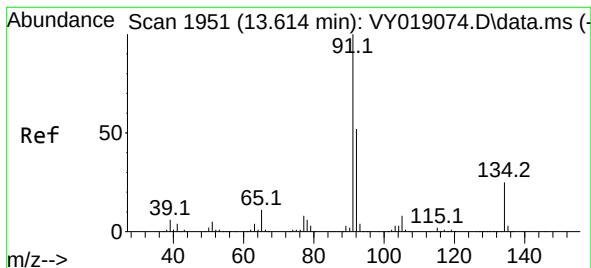
Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 50.050 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

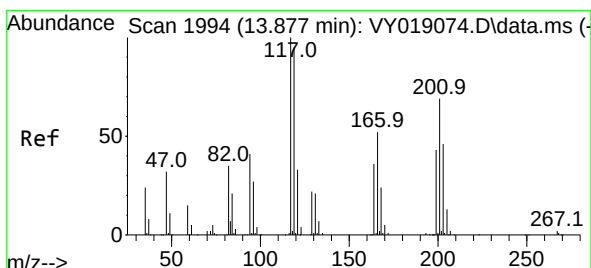
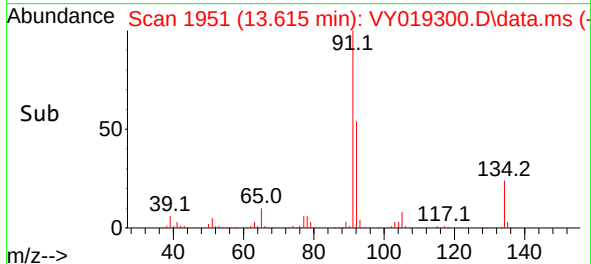
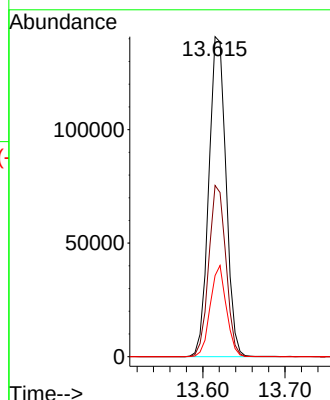
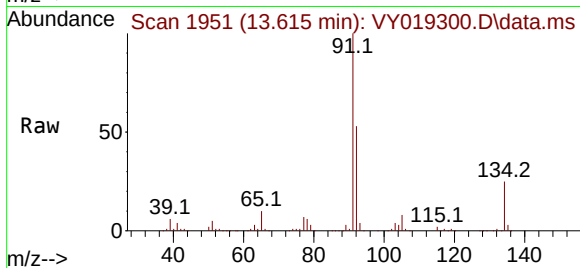
Tgt Ion: 91 Resp: 204375

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 51.469 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019300.D

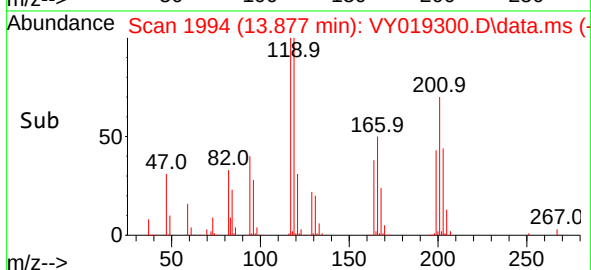
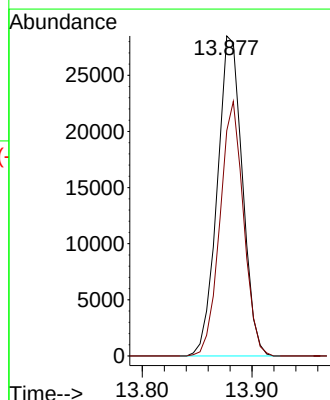
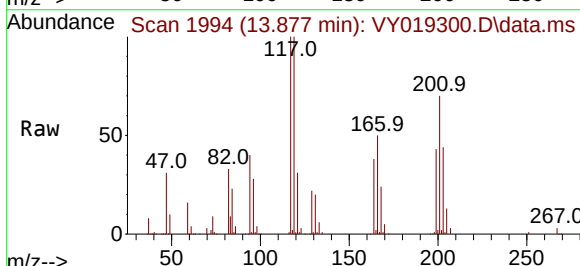
Acq: 27 Aug 2024 21:20

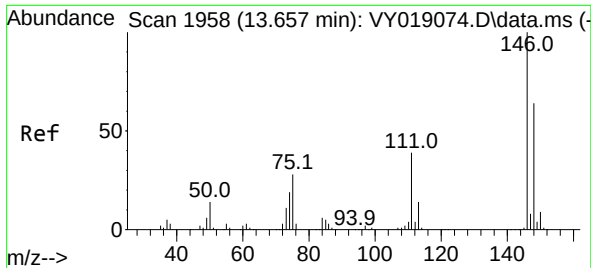
Tgt Ion: 117 Resp: 45437

Ion Ratio Lower Upper

117 100

201 74.5 37.4 112.2

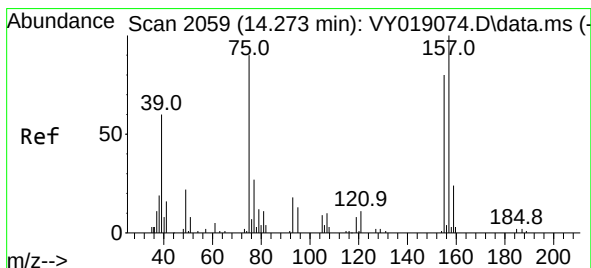
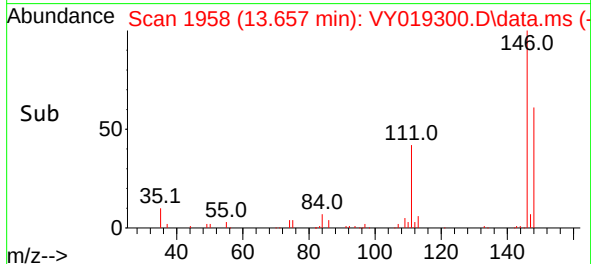
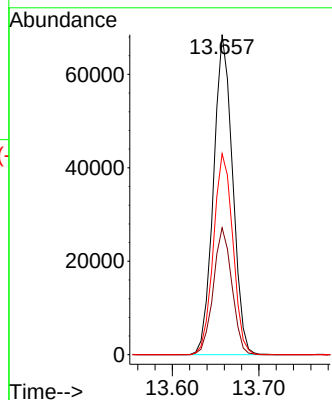
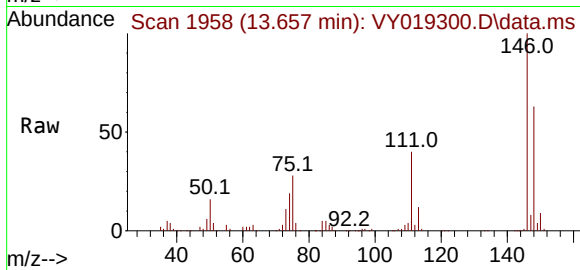




#91
 1,2-Dichlorobenzene
 Concen: 50.627 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY019300.D
 Acq: 27 Aug 2024 21:20

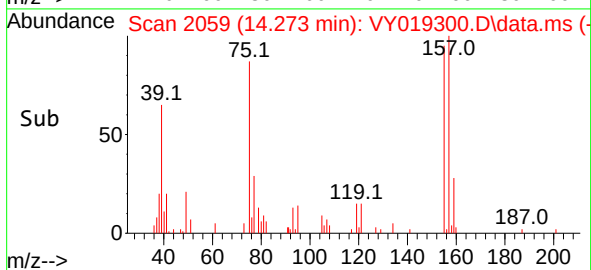
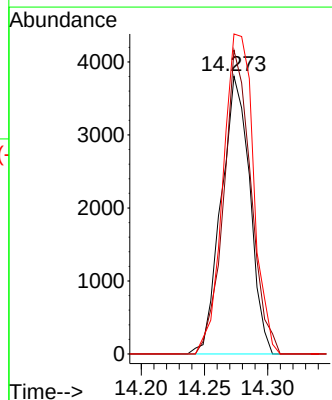
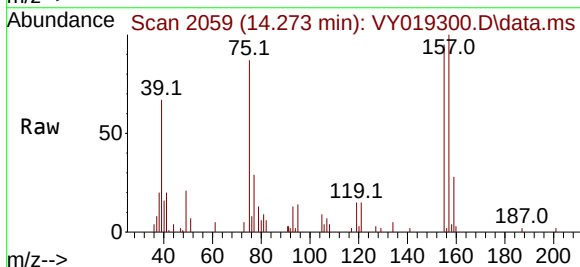
Instrument :
 MSVOA_Y
 ClientSampleId :

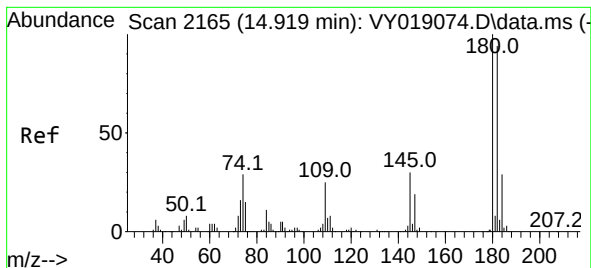
Tgt Ion:146 Resp: 104888
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.7
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.755 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY019300.D
 Acq: 27 Aug 2024 21:20

Tgt Ion: 75 Resp: 5960
 Ion Ratio Lower Upper
 75 100
 155 105.0 48.6 145.8
 157 122.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.225 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

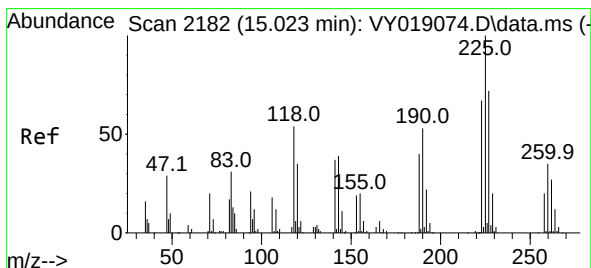
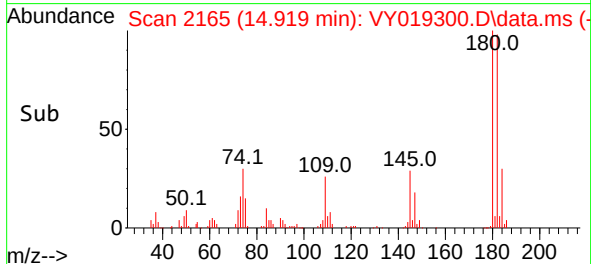
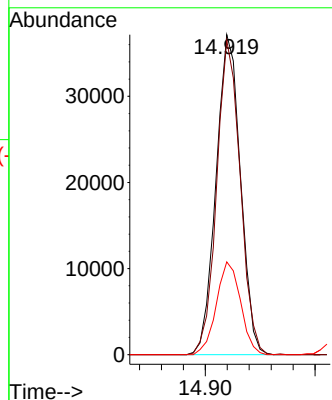
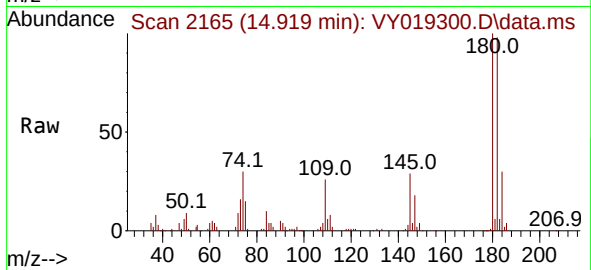
Tgt Ion:180 Resp: 57513

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.995 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

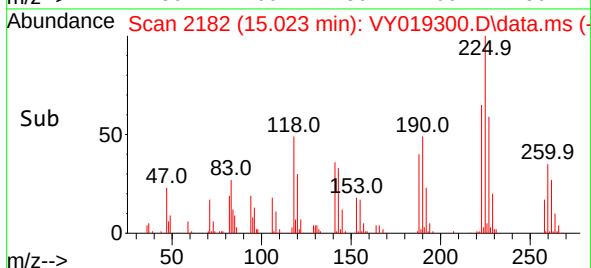
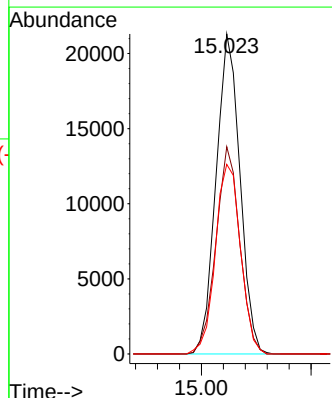
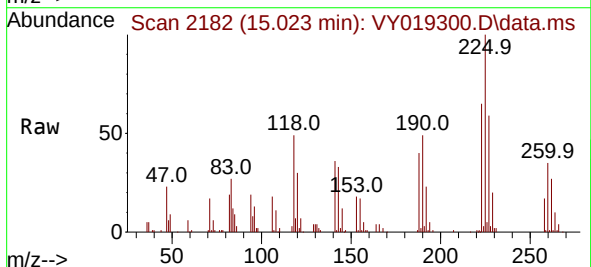
Tgt Ion:225 Resp: 32251

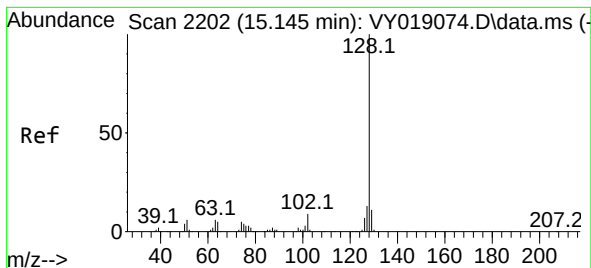
Ion Ratio Lower Upper

225 100

223 64.6 30.4 91.2

227 62.4 31.9 95.9





#95

Naphthalene

Concen: 50.288 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Instrument :

MSVOA_Y

ClientSampleId :

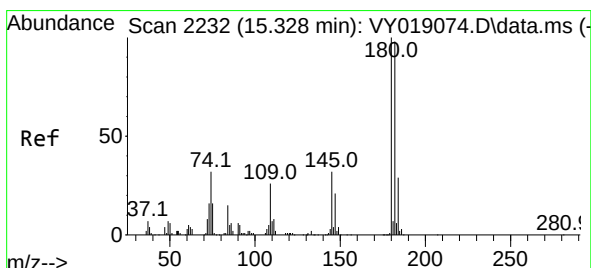
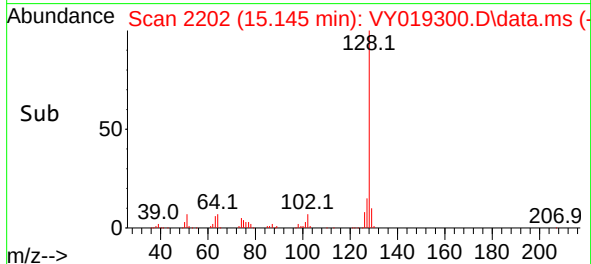
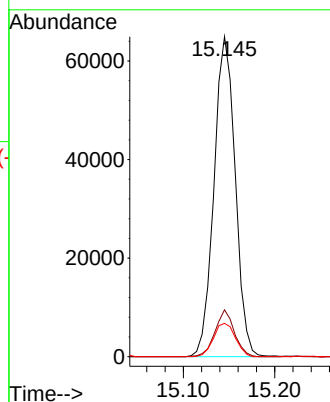
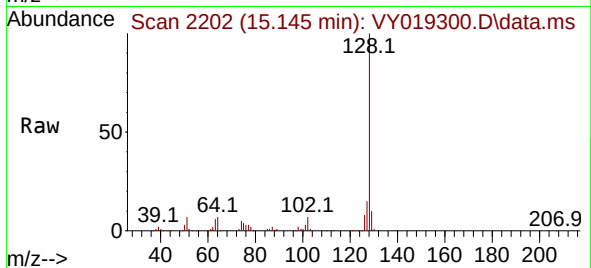
Tgt Ion:128 Resp: 104859

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.820 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019300.D

Acq: 27 Aug 2024 21:20

Tgt Ion:180 Resp: 49094

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 31.1 15.4 46.1

