

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019105.D
 Acq On : 16 Aug 2024 20:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 00:10:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	112734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	182254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	168065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	85434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	54825	48.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.622	113	58282	48.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.820%
50) Toluene-d8	10.103	98	216388	50.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.401	95	74975	51.285	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	38168	46.146	ug/l	99
3) Chloromethane	2.068	50	75183	50.430	ug/l	100
4) Vinyl Chloride	2.196	62	97675	53.041	ug/l	99
5) Bromomethane	2.586	94	69986	63.885	ug/l	99
6) Chloroethane	2.726	64	66646	57.855	ug/l	100
7) Trichlorofluoromethane	3.043	101	139395	50.067	ug/l	94
8) Diethyl Ether	3.446	74	30126	50.130	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	60922	49.220	ug/l	98
10) Methyl Iodide	3.994	142	64503	53.167	ug/l	95
11) Tert butyl alcohol	4.842	59	23337	240.831	ug/l #	81
12) 1,1-Dichloroethene	3.775	96	56759	50.474	ug/l	92
13) Acrolein	3.641	56	20450	240.174	ug/l	100
14) Allyl chloride	4.366	41	75940	50.793	ug/l	93
15) Acrylonitrile	5.037	53	66529	270.558	ug/l	99
16) Acetone	3.854	43	46984	224.187	ug/l	90
17) Carbon Disulfide	4.092	76	166539	52.507	ug/l	97
18) Methyl Acetate	4.372	43	35512	55.211	ug/l	97
19) Methyl tert-butyl Ether	5.098	73	142443	52.248	ug/l	96
20) Methylene Chloride	4.598	84	73679	58.308	ug/l	96
21) trans-1,2-Dichloroethene	5.098	96	66358	52.819	ug/l	98
22) Diisopropyl ether	6.000	45	175997	51.421	ug/l #	88
23) Vinyl Acetate	5.945	43	694585	256.327	ug/l	96
24) 1,1-Dichloroethane	5.896	63	107747	51.477	ug/l	100
25) 2-Butanone	6.878	43	82441	244.260	ug/l	91
26) 2,2-Dichloropropane	6.866	77	73819	43.552	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	76513	51.751	ug/l	99
28) Bromochloromethane	7.232	49	46443	52.895	ug/l	96
29) Tetrahydrofuran	7.244	42	56033	258.261	ug/l	93
30) Chloroform	7.402	83	122890	52.689	ug/l	100
31) Cyclohexane	7.683	56	89350	55.768	ug/l	97
32) 1,1,1-Trichloroethane	7.604	97	105660	51.549	ug/l	98
36) 1,1-Dichloropropene	7.823	75	81256	49.655	ug/l	99
37) Ethyl Acetate	6.969	43	38009	52.426	ug/l #	97
38) Carbon Tetrachloride	7.805	117	96015	50.630	ug/l	98
39) Methylcyclohexane	9.097	83	108270	51.558	ug/l	93
40) Benzene	8.067	78	263802	52.563	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	18300	46.246	ug/l	94
42) 1,2-Dichloroethane	8.146	62	68987	50.903	ug/l	99
43) Isopropyl Acetate	8.183	43	73821	50.347	ug/l #	83
44) Trichloroethene	8.853	130	71361	50.959	ug/l	100
45) 1,2-Dichloropropane	9.134	63	59304	53.036	ug/l	100
46) Dibromomethane	9.219	93	37855	52.196	ug/l	98
47) Bromodichloromethane	9.414	83	93869	52.755	ug/l	99
48) Methyl methacrylate	9.213	41	34439	52.703	ug/l #	87
49) 1,4-Dioxane	9.213	88	8882	1010.991	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	204067	262.223	ug/l	95
52) Toluene	10.164	92	176673	53.628	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	78973	53.504	ug/l	100
54) cis-1,3-Dichloropropene	9.847	75	91617	51.612	ug/l #	92
55) 1,1,2-Trichloroethane	10.566	97	50605	54.202	ug/l	96
56) Ethyl methacrylate	10.432	69	67171	54.966	ug/l #	89
57) 1,3-Dichloropropane	10.713	76	82511	54.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.701	63	162836	280.877	ug/l	96
59) 2-Hexanone	10.755	43	137731	257.609	ug/l	93
60) Dibromochloromethane	10.908	129	67973	53.453	ug/l	100
61) 1,2-Dibromoethane	11.011	107	48637	53.897	ug/l	99
64) Tetrachloroethene	10.646	164	76235	51.895	ug/l	99
65) Chlorobenzene	11.438	112	197167	50.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	69559	51.112	ug/l	97
67) Ethyl Benzene	11.517	91	337335	50.222	ug/l	96
68) m/p-Xylenes	11.627	106	269817	101.238	ug/l	100
69) o-Xylene	11.950	106	127200	51.538	ug/l	100
70) Styrene	11.969	104	222707	52.915	ug/l	99
71) Bromoform	12.127	173	40734	52.360	ug/l #	98
73) Isopropylbenzene	12.255	105	329946	50.388	ug/l	100
74) N-amyl acetate	12.066	43	70679	49.500	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	56267	48.267	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	69767	82.806	ug/l #	100
77) Bromobenzene	12.529	156	79975	50.856	ug/l	95
78) n-propylbenzene	12.590	91	393205	50.232	ug/l	100
79) 2-Chlorotoluene	12.676	91	220853	50.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	268990	50.425	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	14919	43.731	ug/l #	80
82) 4-Chlorotoluene	12.773	91	228302	50.002	ug/l	98
83) tert-Butylbenzene	12.993	119	250099	50.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	270554	50.889	ug/l	100
85) sec-Butylbenzene	13.176	105	359413	50.066	ug/l	99
86) p-Isopropyltoluene	13.291	119	302111	51.234	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	158845	51.218	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	155397	50.407	ug/l	99
89) n-Butylbenzene	13.615	91	272303	50.651	ug/l	99
90) Hexachloroethane	13.877	117	59198	50.934	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	139459	51.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8408	49.028	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	74862	48.668	ug/l	98
94) Hexachlorobutadiene	15.023	225	40578	50.646	ug/l	98
95) Naphthalene	15.145	128	142311	51.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65793	50.713	ug/l	99

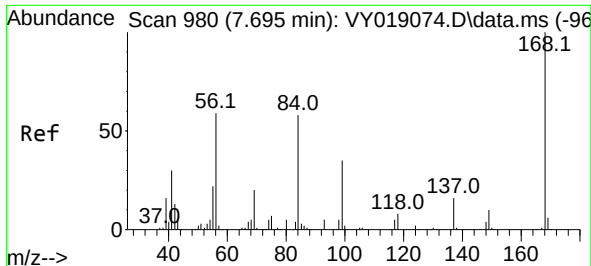
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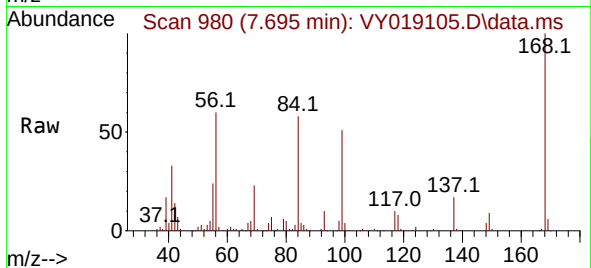
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

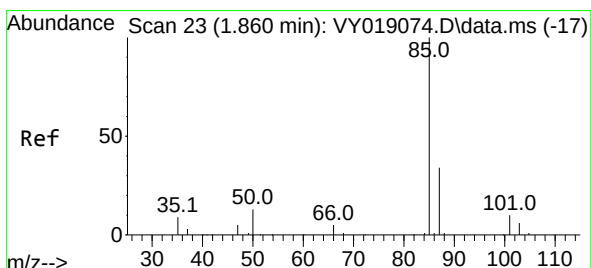
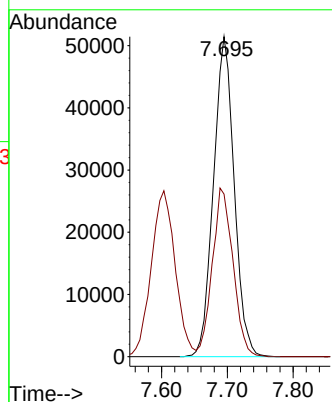
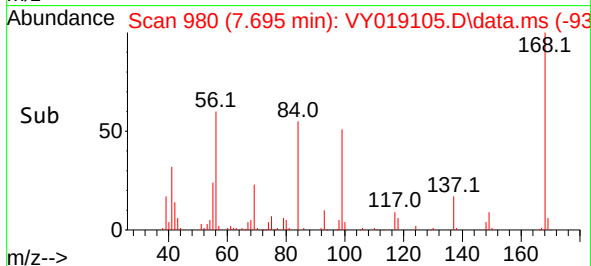


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :

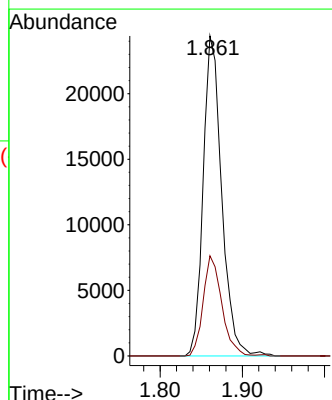
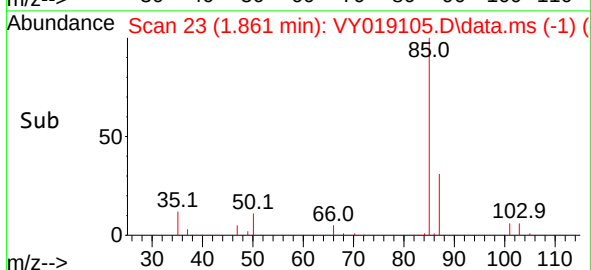
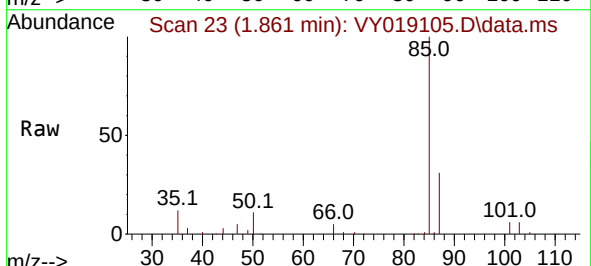


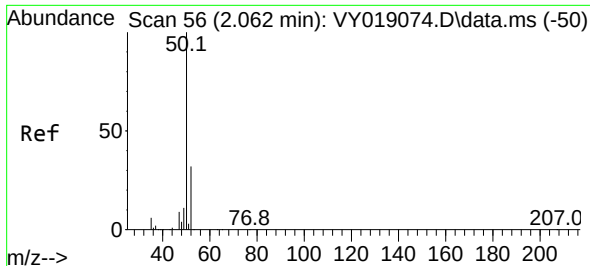
Tgt Ion:168 Resp: 112734
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.146 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 85 Resp: 38168
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0

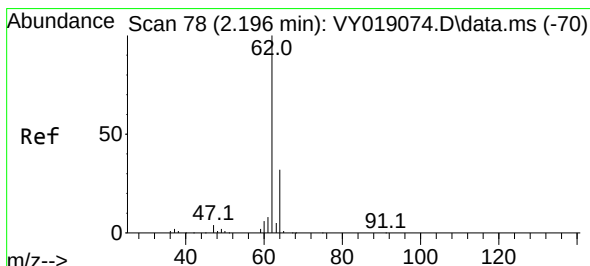
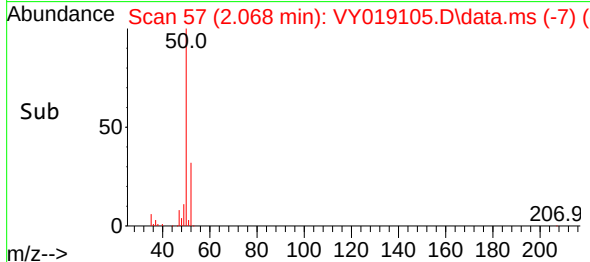
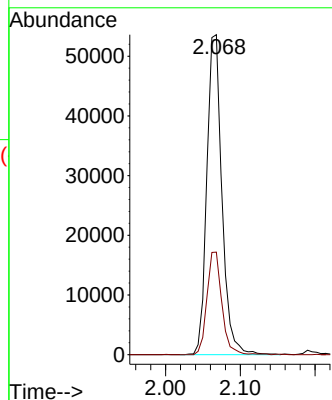
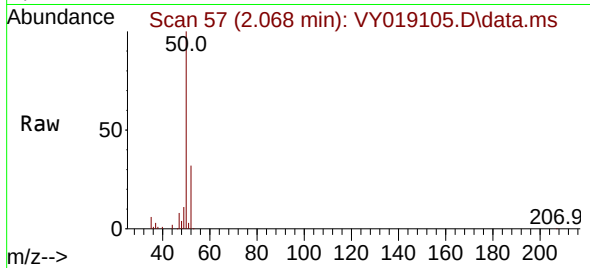




#3
Chloromethane
Concen: 50.430 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

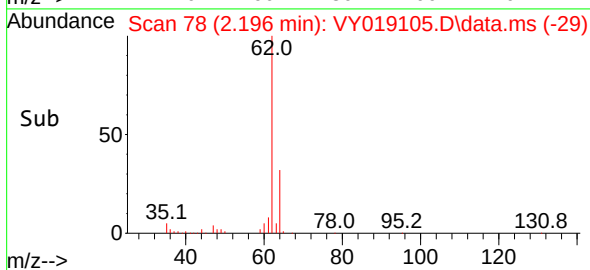
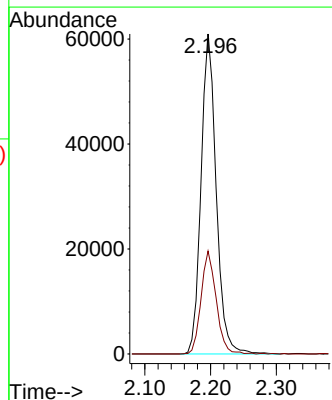
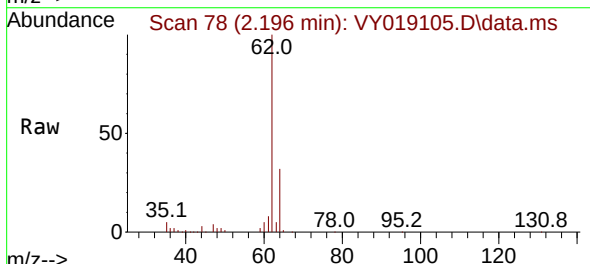
Instrument :
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ClientSampleId :

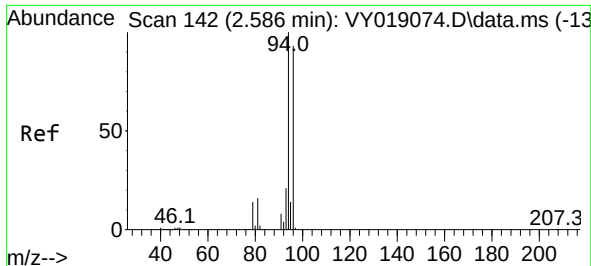
Tgt Ion: 50 Resp: 75183
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 53.041 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 62 Resp: 97675
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

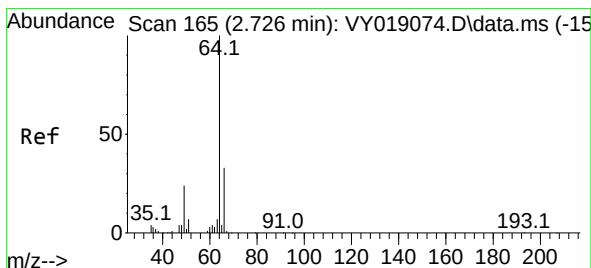
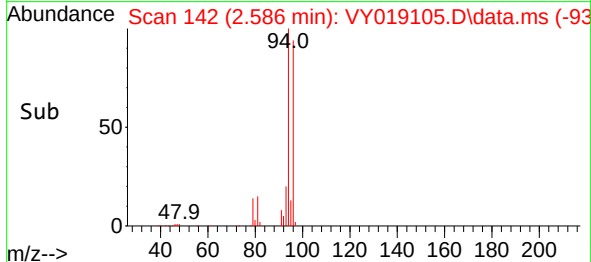
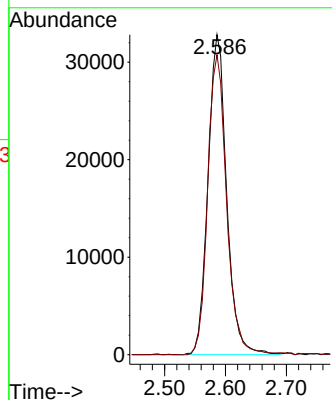
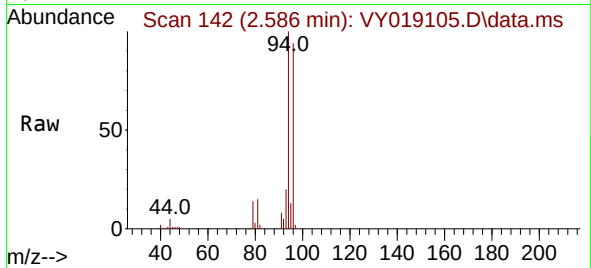




#5
Bromomethane
Concen: 63.885 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

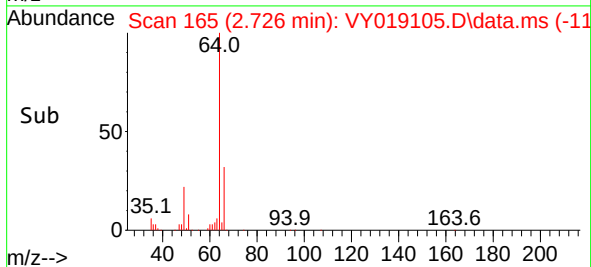
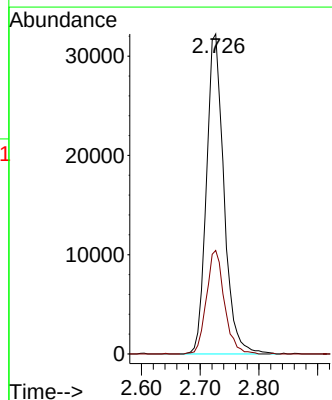
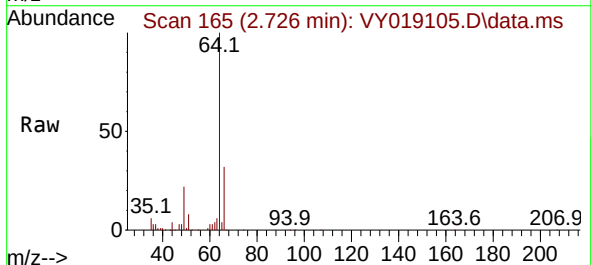
Instrument :
MSVOA_Y
ClientSampleId :

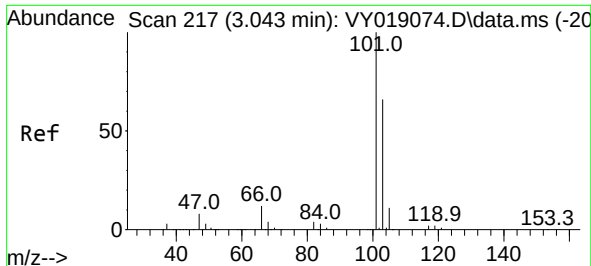
Tgt Ion: 94 Resp: 69986
Ion Ratio Lower Upper
94 100
96 93.7 74.1 111.1



#6
Chloroethane
Concen: 57.855 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 64 Resp: 66646
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

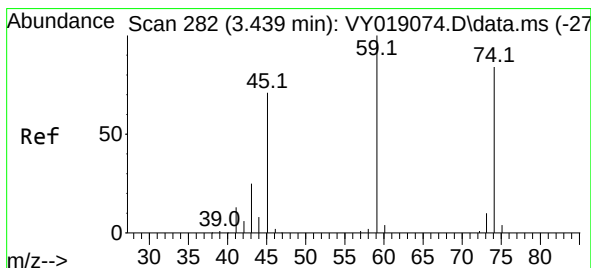
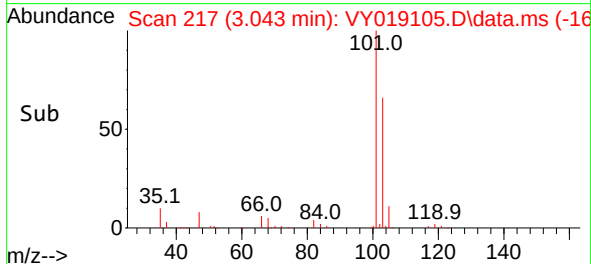
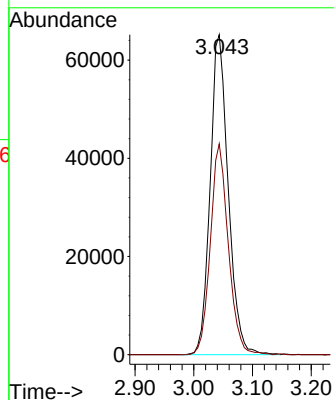
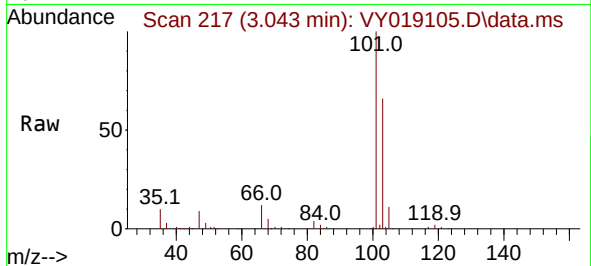




#7
 Trichlorofluoromethane
 Concen: 50.067 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

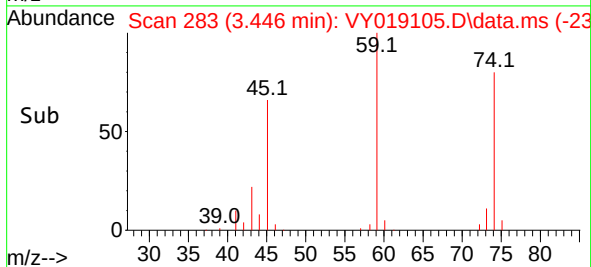
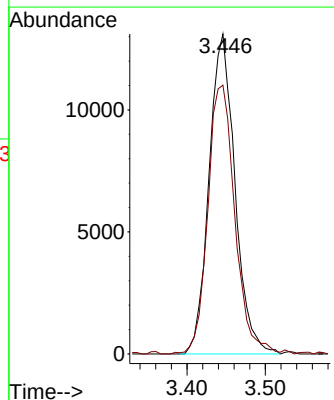
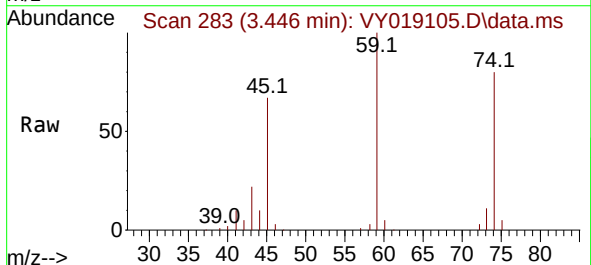
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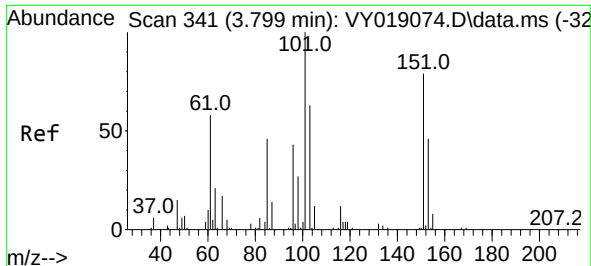
Tgt Ion:101 Resp: 139395
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.130 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

Tgt Ion: 74 Resp: 30126
 Ion Ratio Lower Upper
 74 100
 45 87.7 41.3 124.1

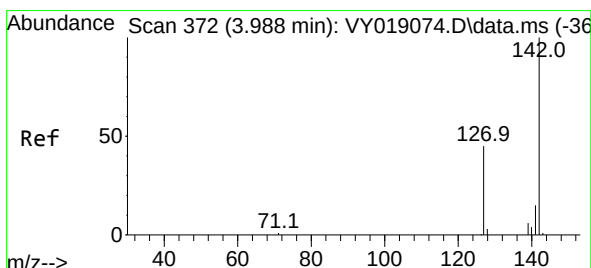
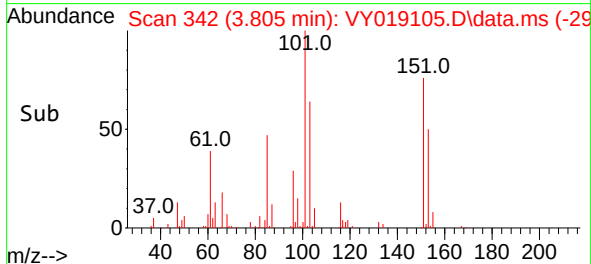
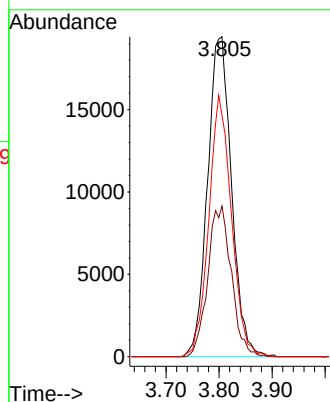
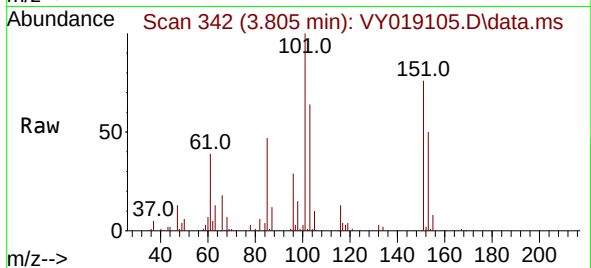




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.220 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

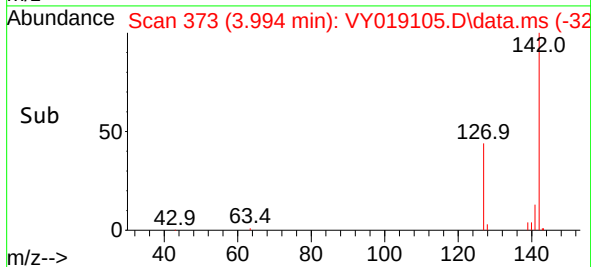
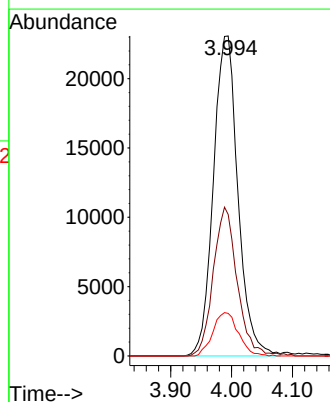
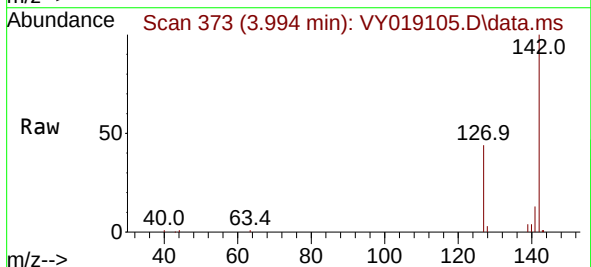
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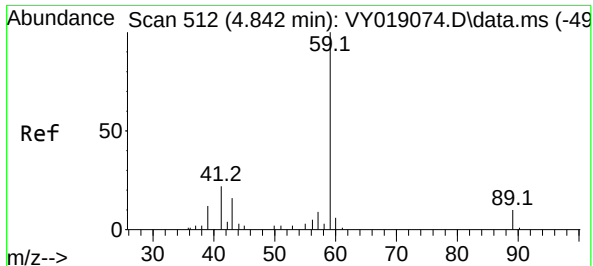
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Ion Ratio Lower Upper
101 100
85 46.3 34.5 51.7
151 77.4 61.7 92.5



#10
Methyl Iodide
Concen: 53.167 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion:142 Resp: 64503
Ion Ratio Lower Upper
142 100
127 45.5 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 240.831 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

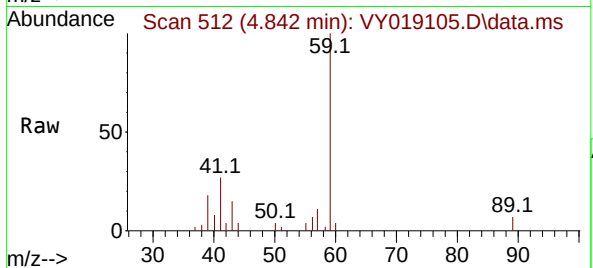
Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

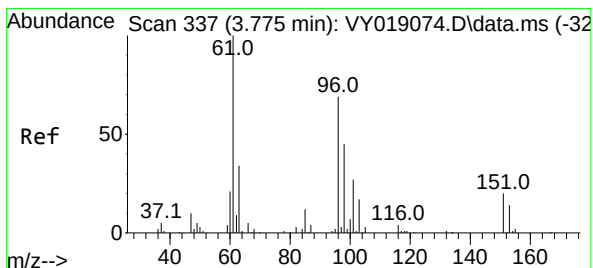
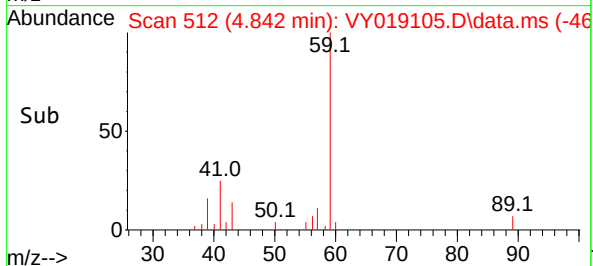
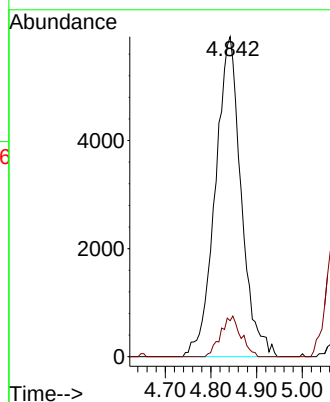


Tgt Ion: 59 Resp: 23337

Ion Ratio Lower Upper

59 100

57 10.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 50.474 ug/l

RT: 3.775 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

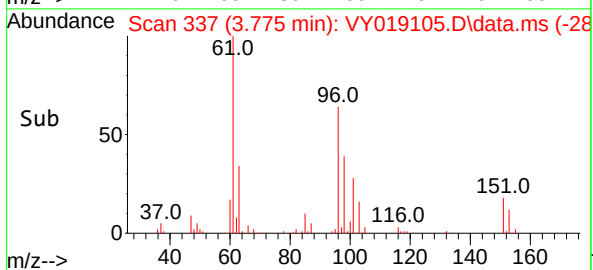
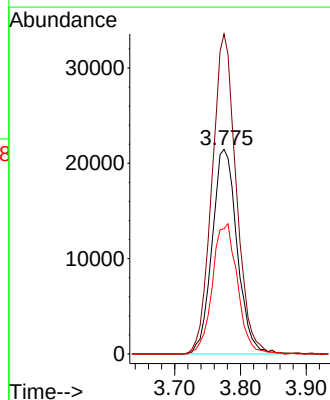
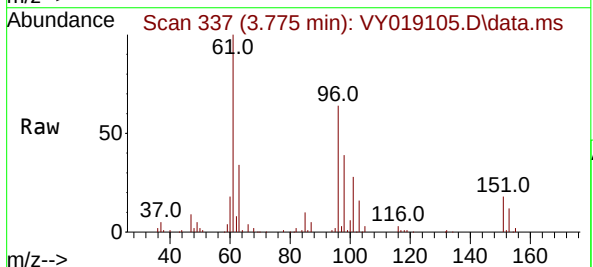
Tgt Ion: 96 Resp: 56759

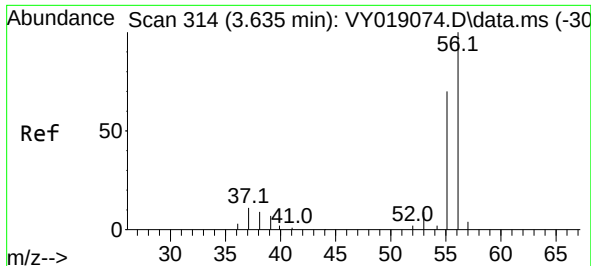
Ion Ratio Lower Upper

96 100

61 156.4 114.6 171.8

98 61.2 50.8 76.2





#13

Acrolein

Concen: 240.174 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

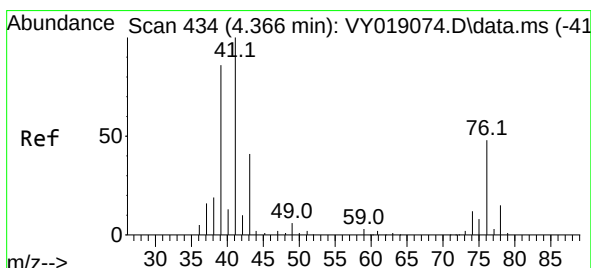
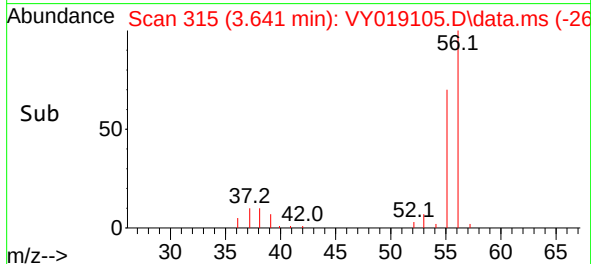
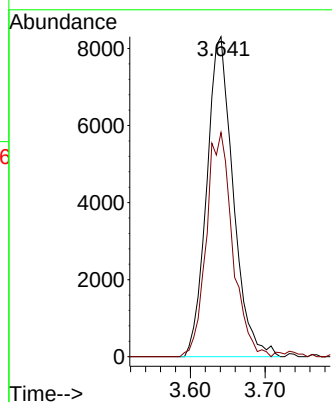
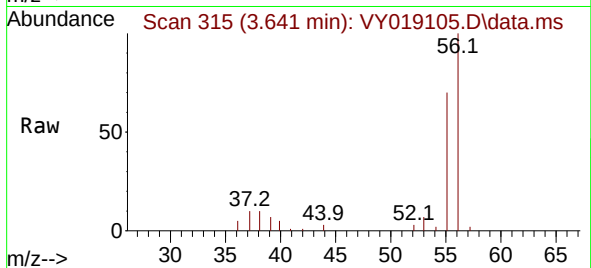
ClientSampleId :

Tgt Ion: 56 Resp: 20450

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 50.793 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

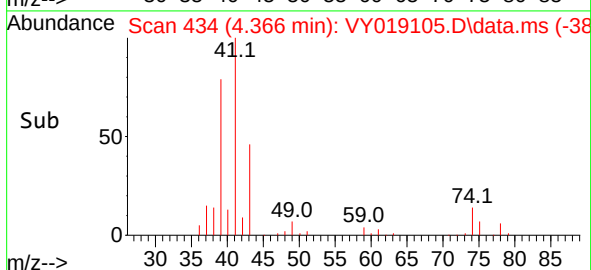
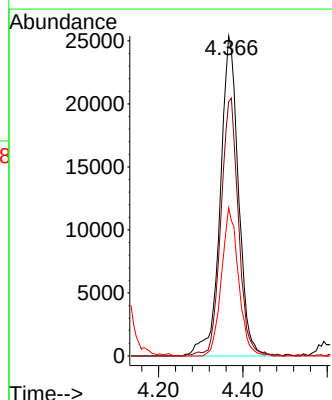
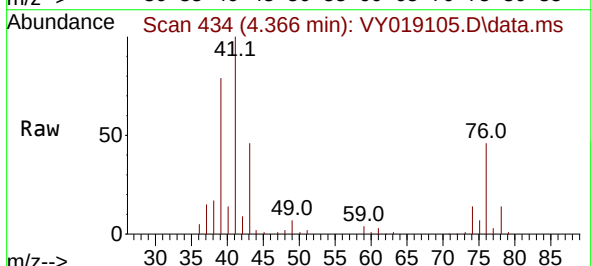
Tgt Ion: 41 Resp: 75940

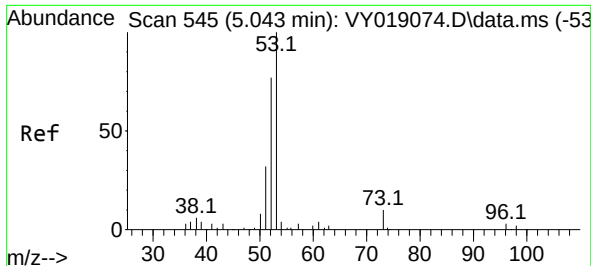
Ion Ratio Lower Upper

41 100

39 77.8 58.3 87.5

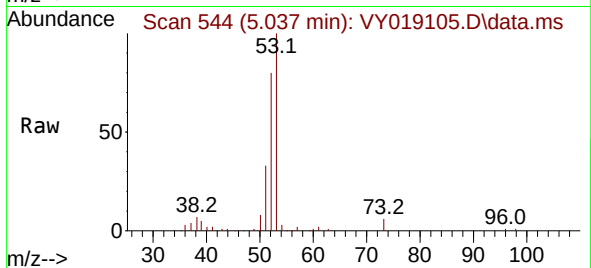
76 43.1 39.0 58.6



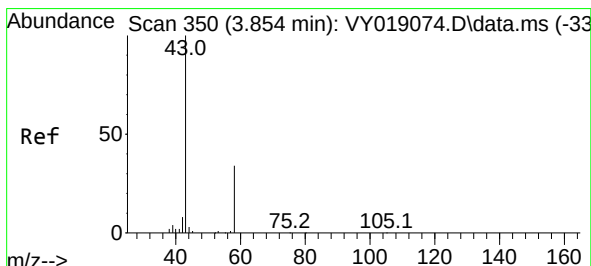
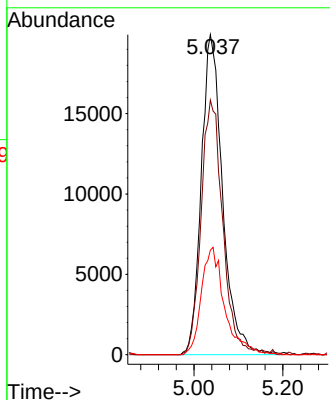
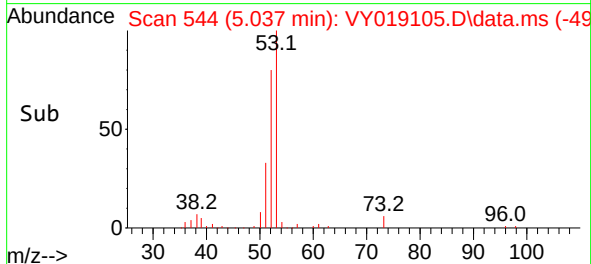


#15
Acrylonitrile
Concen: 270.558 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :

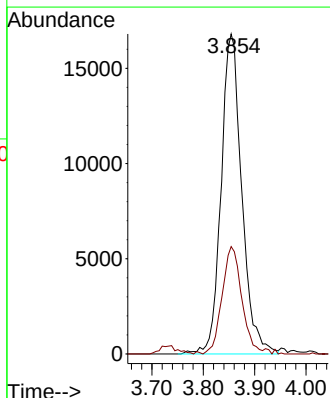
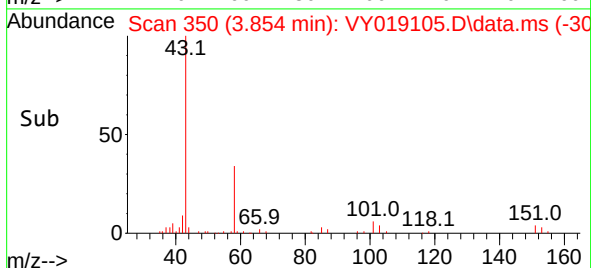
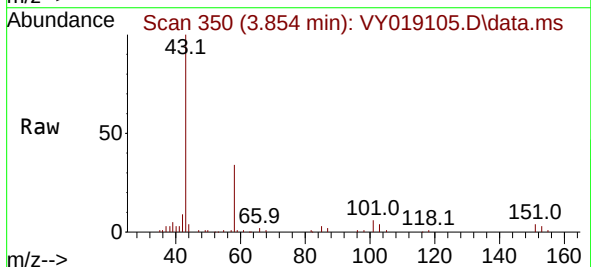


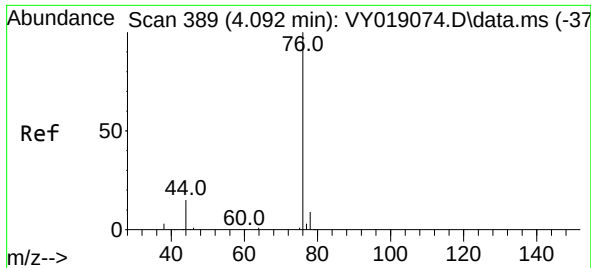
Tgt Ion: 53 Resp: 66529
Ion Ratio Lower Upper
53 100
52 80.2 64.7 97.1
51 36.7 28.4 42.6



#16
Acetone
Concen: 224.187 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 43 Resp: 46984
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5

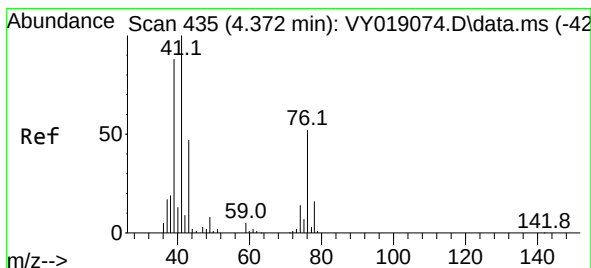
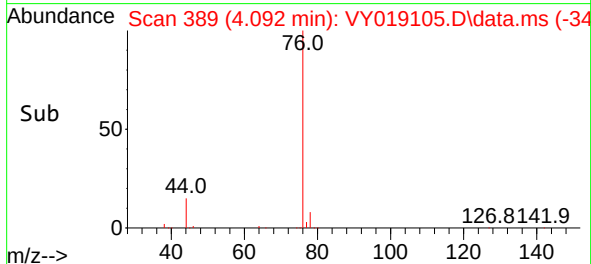
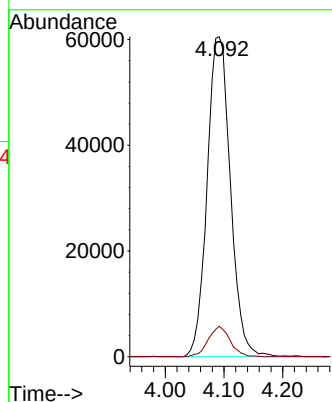
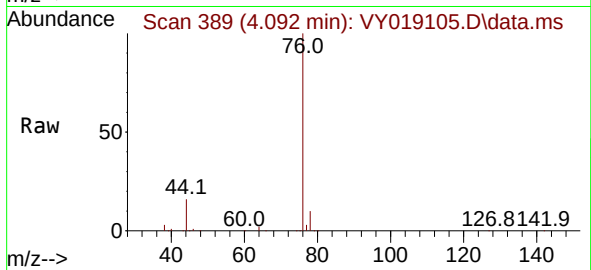




#17
Carbon Disulfide
Concen: 52.507 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

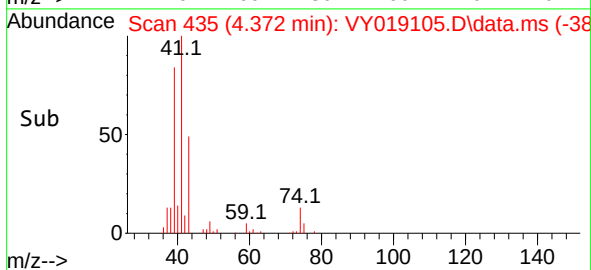
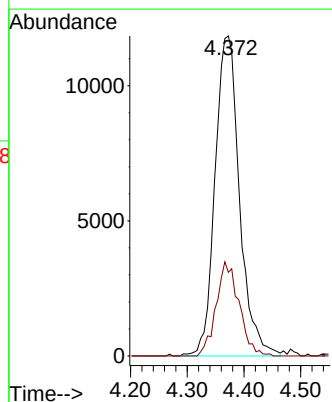
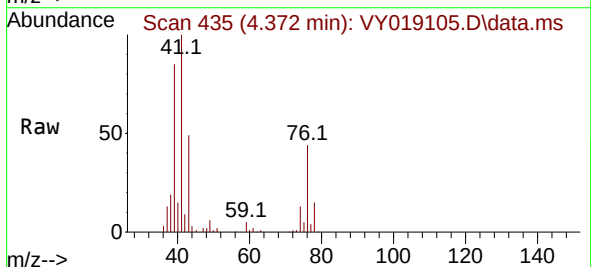
Instrument :
MSVOA_Y
ClientSampleId :

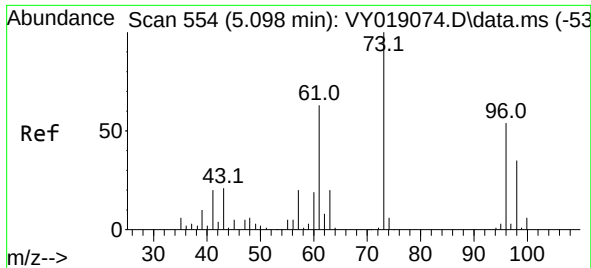
Tgt Ion: 76 Resp: 166539
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 55.211 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 43 Resp: 35512
Ion Ratio Lower Upper
43 100
74 27.5 23.3 34.9

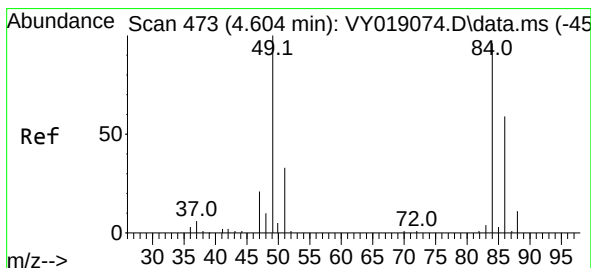
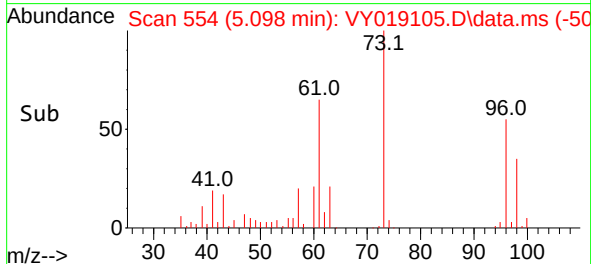
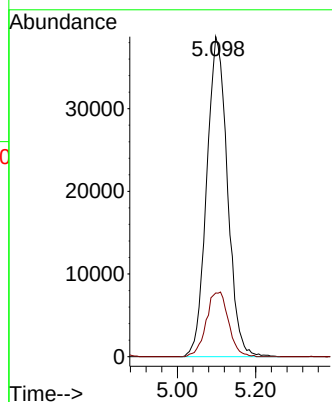
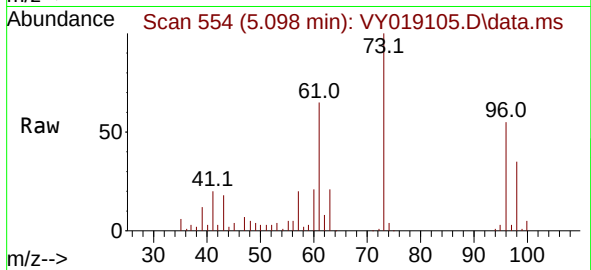




#19
Methyl tert-butyl Ether
Concen: 52.248 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

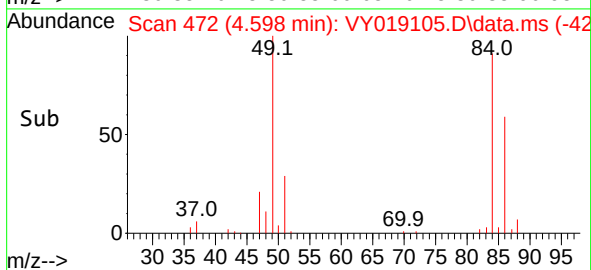
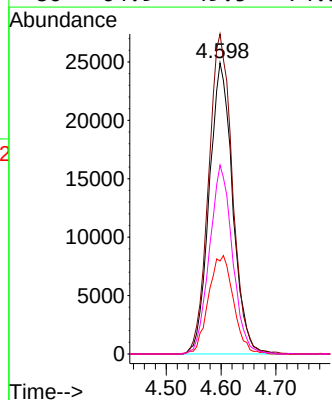
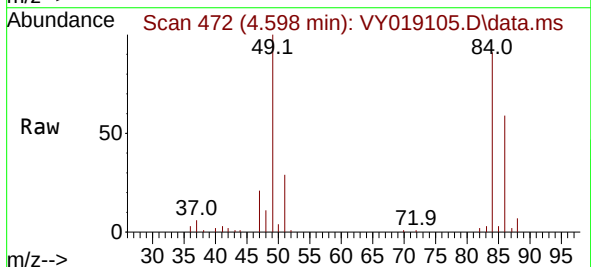
Instrument :
MSVOA_Y
ClientSampleId :

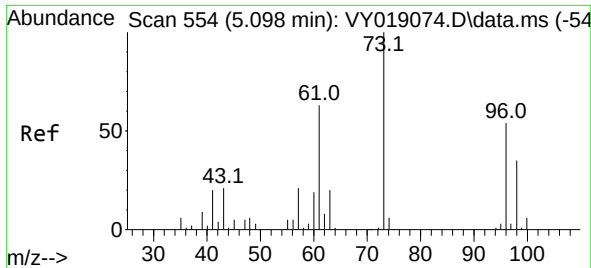
Tgt Ion: 73 Resp: 142443
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 58.308 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

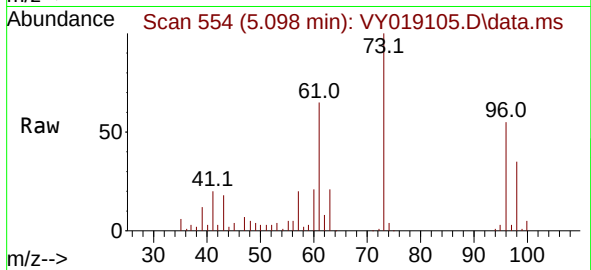
Tgt Ion: 84 Resp: 73679
Ion Ratio Lower Upper
84 100
49 110.0 84.4 126.6
51 31.9 26.0 39.0
86 64.9 49.5 74.3



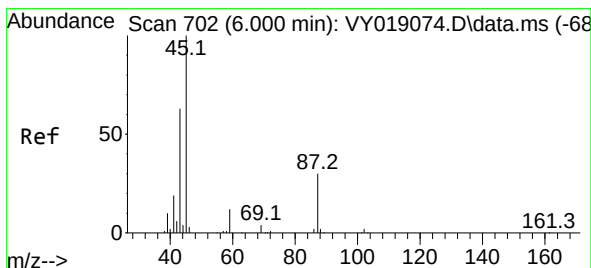
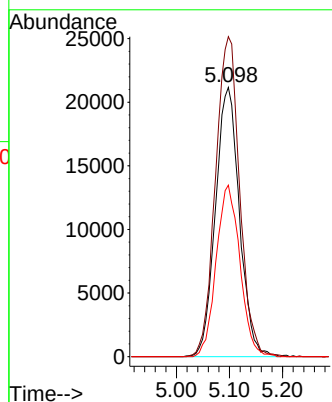
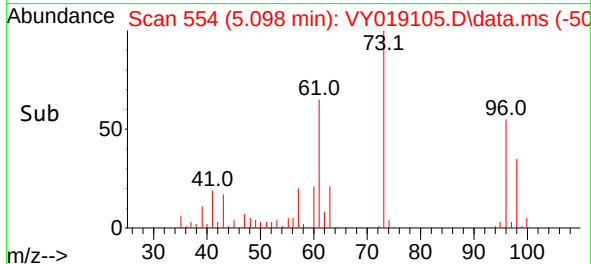


#21
trans-1,2-Dichloroethene
Concen: 52.819 ug/l
RT: 5.098 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :

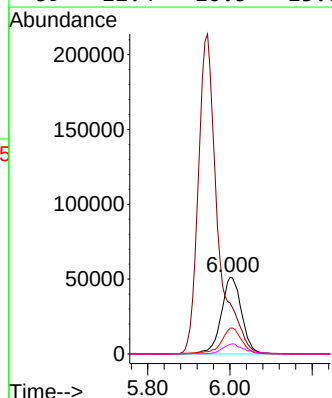
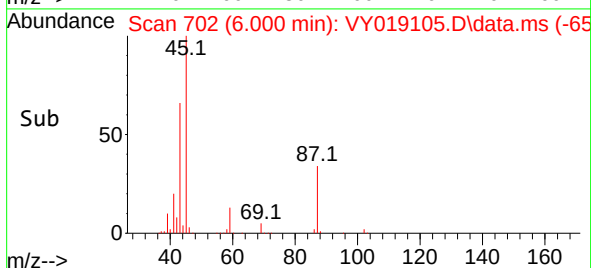
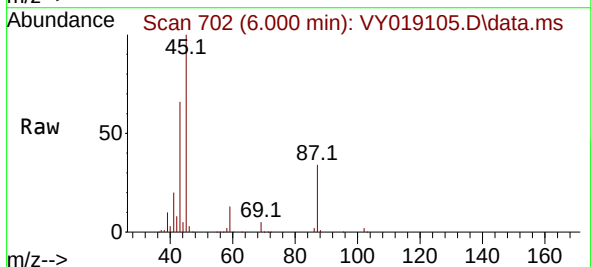


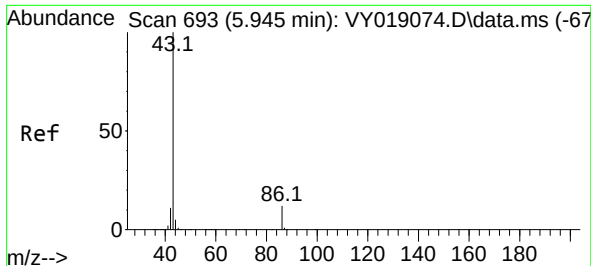
Tgt Ion: 96 Resp: 66358
Ion Ratio Lower Upper
96 100
61 118.8 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 51.421 ug/l
RT: 6.000 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 45 Resp: 175997
Ion Ratio Lower Upper
45 100
43 65.7 42.2 63.2#
87 33.6 25.0 37.6
59 12.4 10.5 15.7

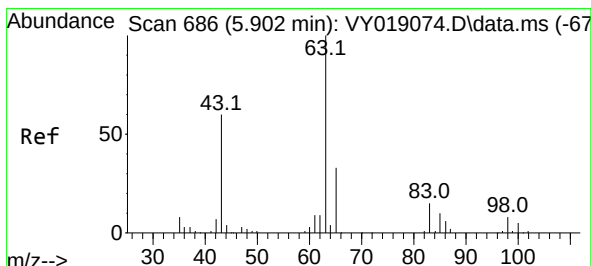
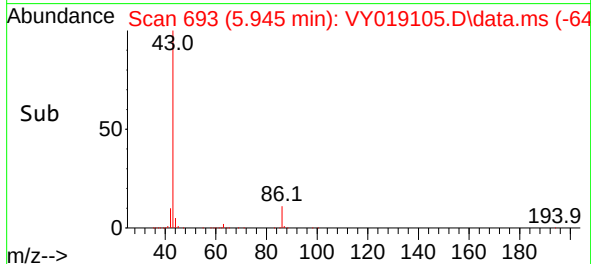
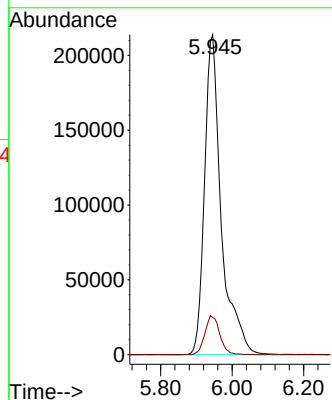
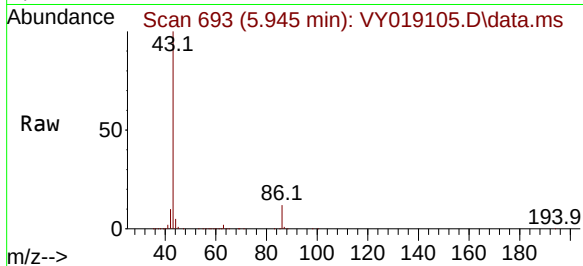




#23
 Vinyl Acetate
 Concen: 256.327 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

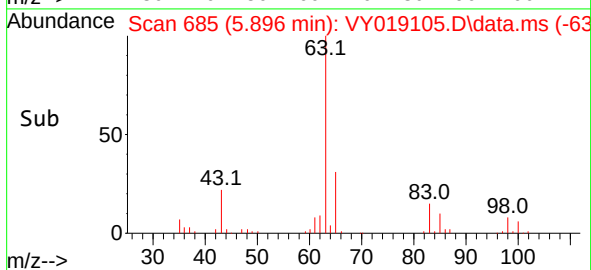
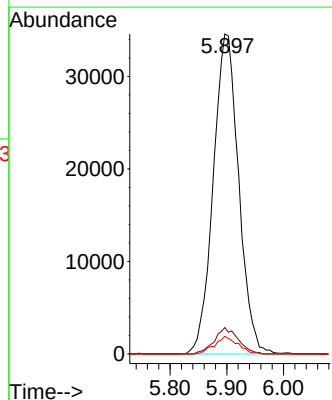
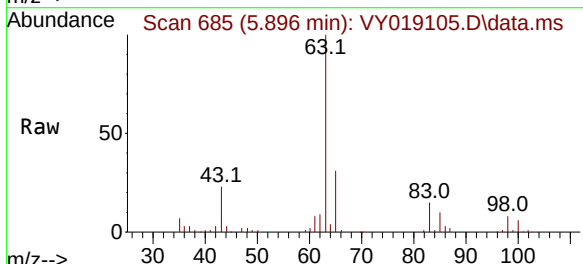
Instrument :
 MSVOA_Y
 ClientSampleId :

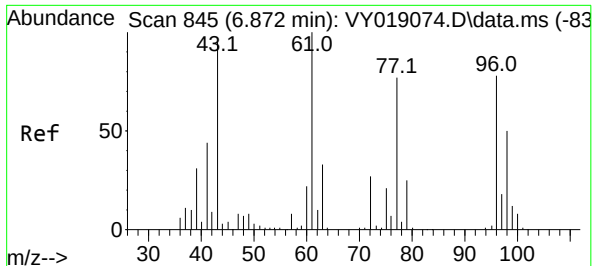
Tgt Ion: 43 Resp: 694585
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.477 ug/l
 RT: 5.896 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

Tgt Ion: 63 Resp: 107747
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.5 2.6 8.0

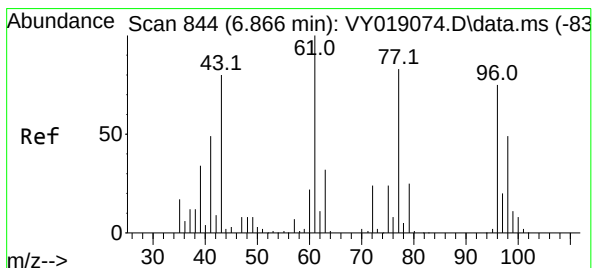
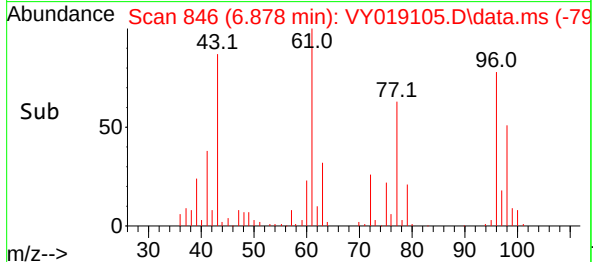
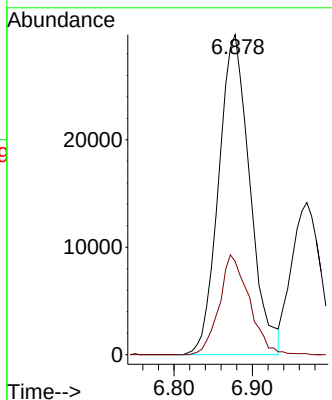
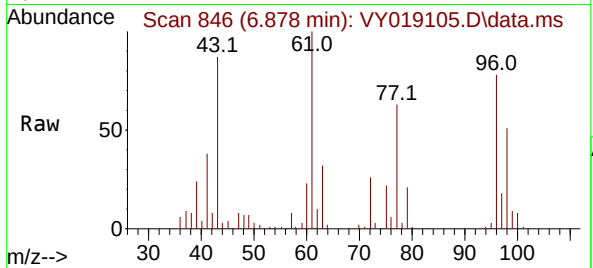




#25
2-Butanone
Concen: 244.260 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

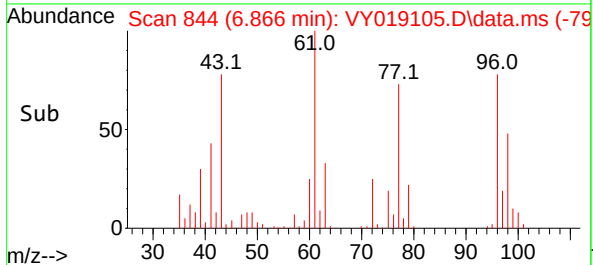
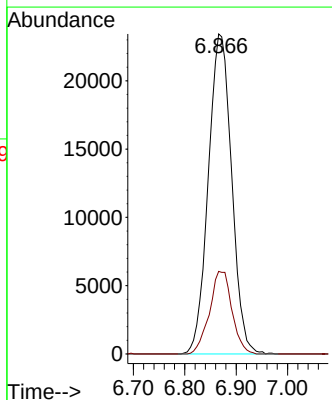
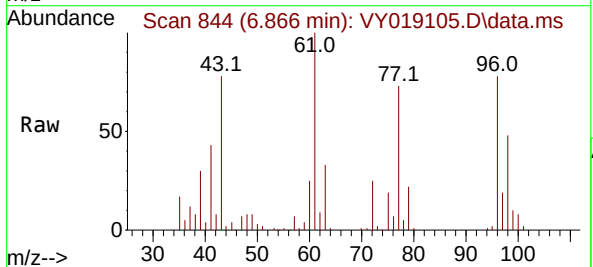
Instrument :
MSVOA_Y
ClientSampleId :

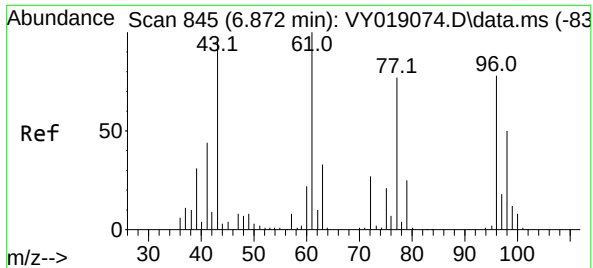
Tgt Ion: 43 Resp: 82441
Ion Ratio Lower Upper
43 100
72 29.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 43.552 ug/l
RT: 6.866 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 77 Resp: 73819
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.1



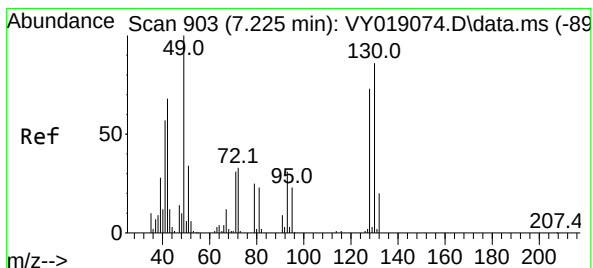
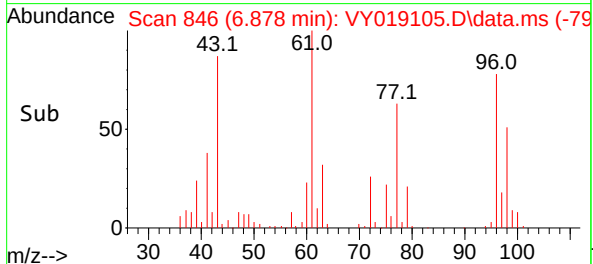
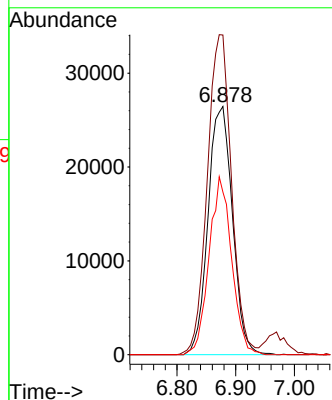
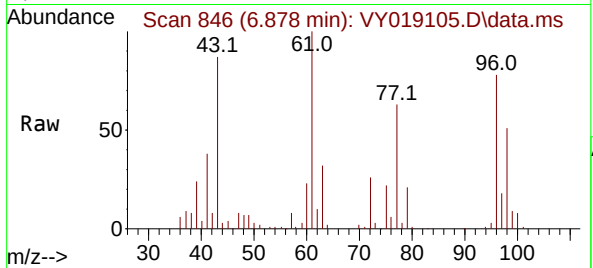


#27
 cis-1,2-Dichloroethene
 Concen: 51.751 ug/l
 RT: 6.878 min Scan# 845
 Delta R.T. 0.006 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 76513

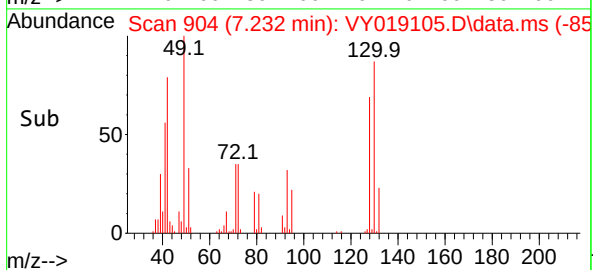
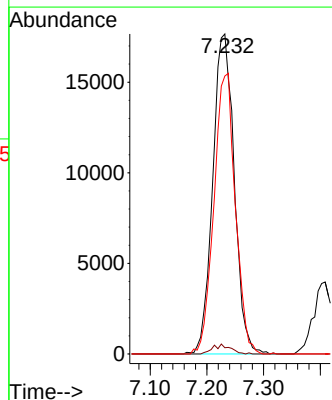
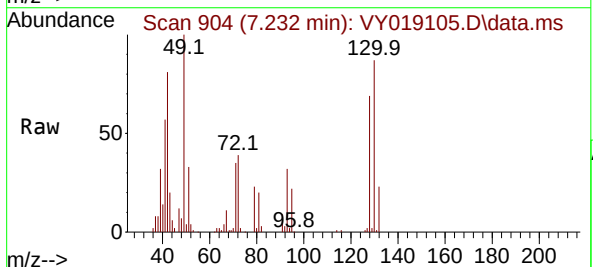
Ion	Ratio	Lower	Upper
96	100		
61	127.9	0.0	256.2
98	66.2	0.0	130.0

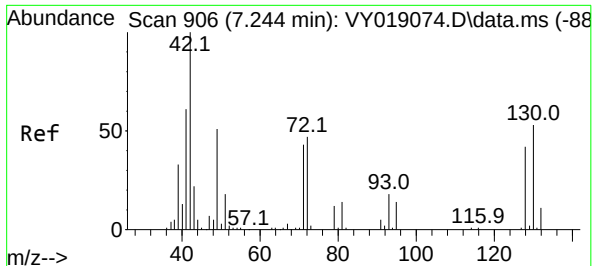


#28
 Bromochloromethane
 Concen: 52.895 ug/l
 RT: 7.232 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

Tgt Ion: 49 Resp: 46443

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	87.3	72.7	109.1





#29

Tetrahydrofuran

Concen: 258.261 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

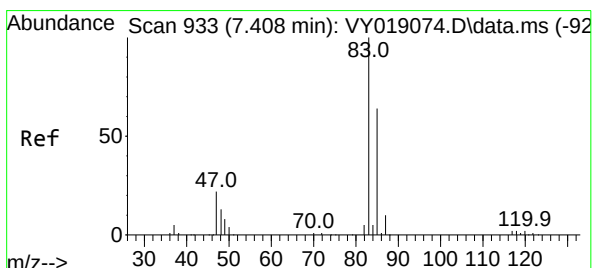
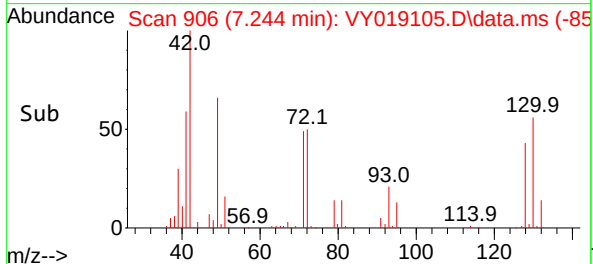
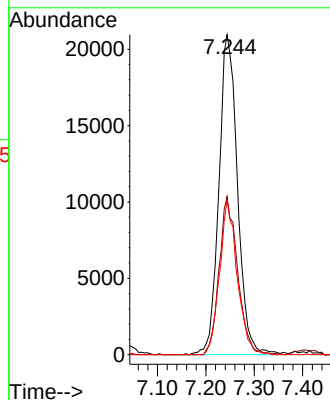
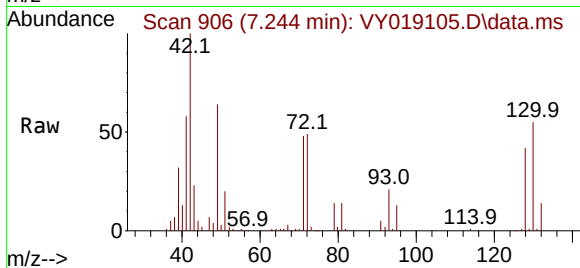
Tgt Ion: 42 Resp: 56033

Ion Ratio Lower Upper

42 100

72 48.9 43.0 64.4

71 45.7 40.8 61.2



#30

Chloroform

Concen: 52.689 ug/l

RT: 7.402 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY019105.D

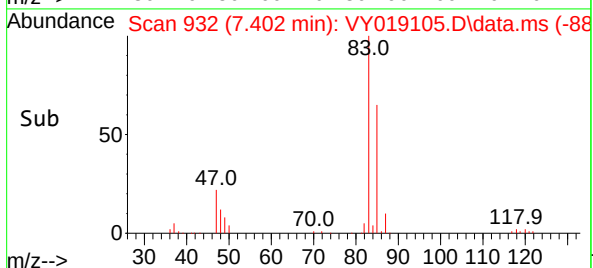
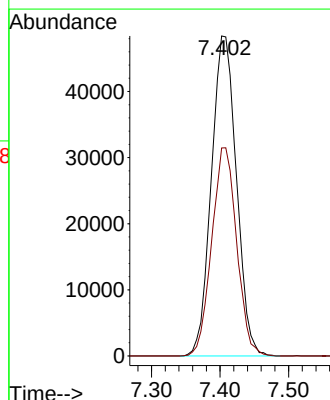
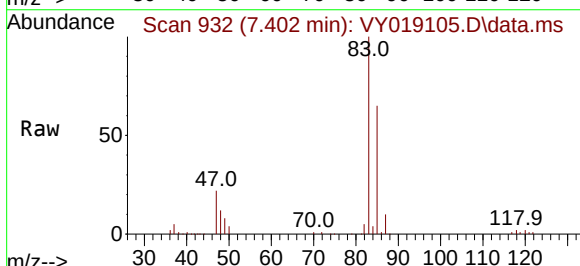
Acq: 16 Aug 2024 20:03

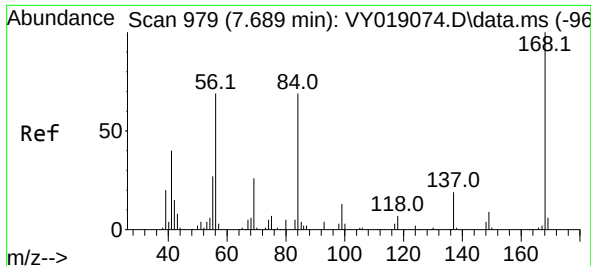
Tgt Ion: 83 Resp: 122890

Ion Ratio Lower Upper

83 100

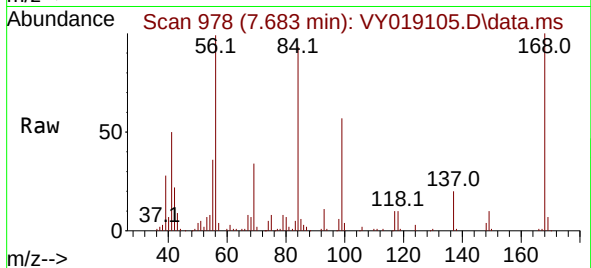
85 65.0 52.2 78.4



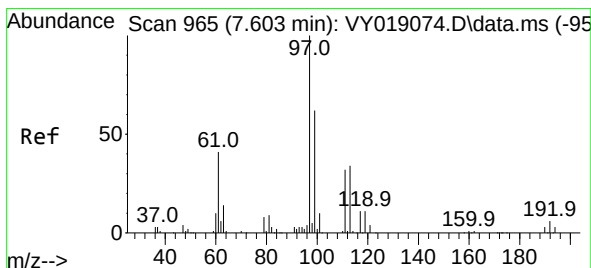
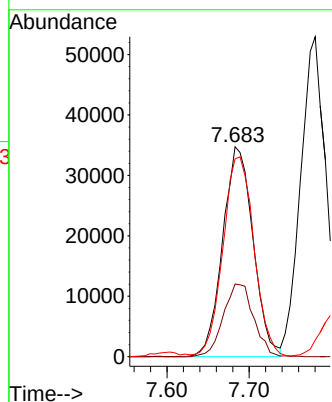
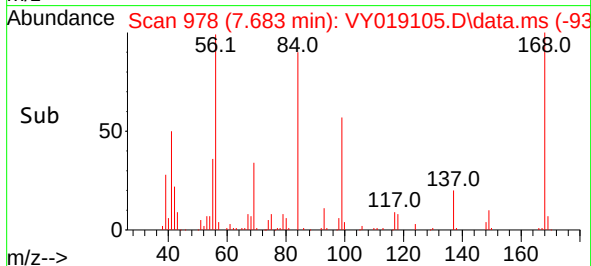


#31
Cyclohexane
Concen: 55.768 ug/l
RT: 7.683 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :

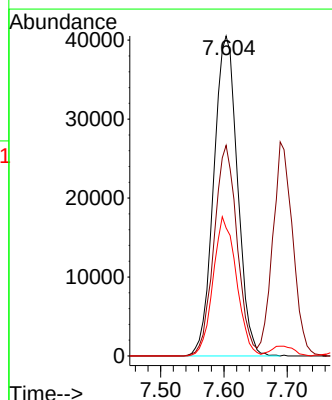
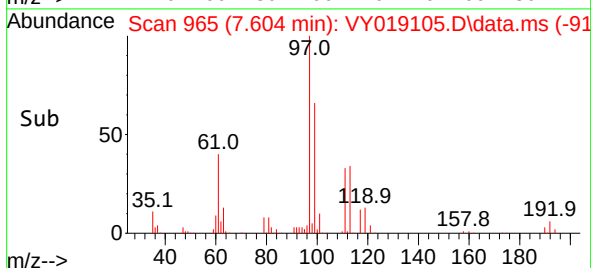
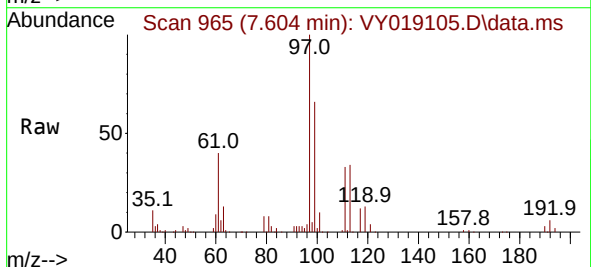


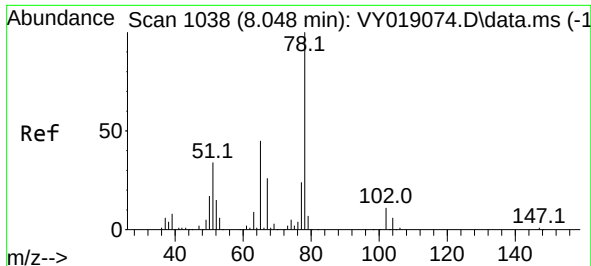
Tgt Ion: 56 Resp: 89350
Ion Ratio Lower Upper
56 100
69 34.6 28.7 43.1
84 93.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.549 ug/l
RT: 7.604 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 97 Resp: 105660
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 42.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.515 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

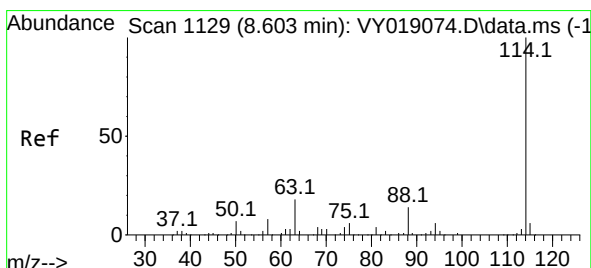
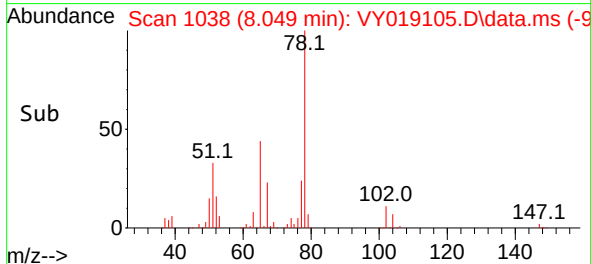
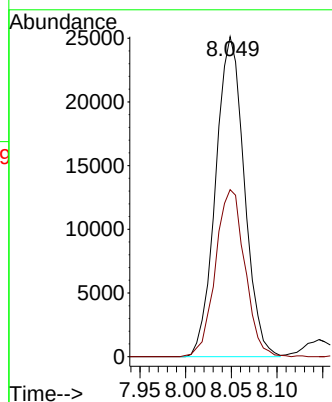
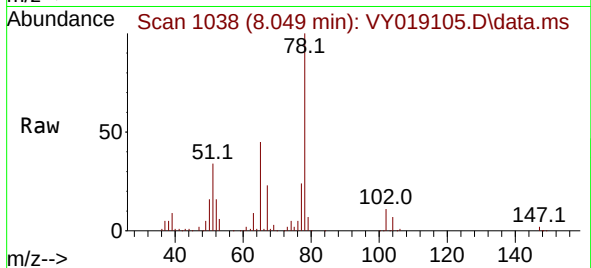
ClientSampleId :

Tgt Ion: 65 Resp: 54825

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

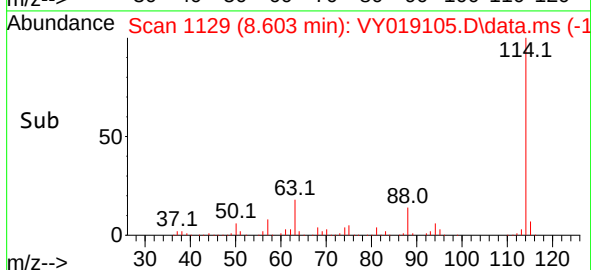
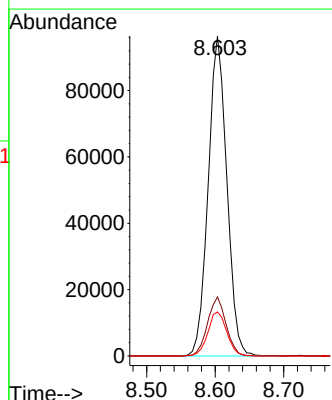
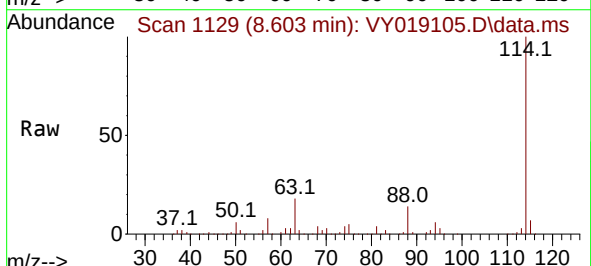
Tgt Ion: 114 Resp: 182254

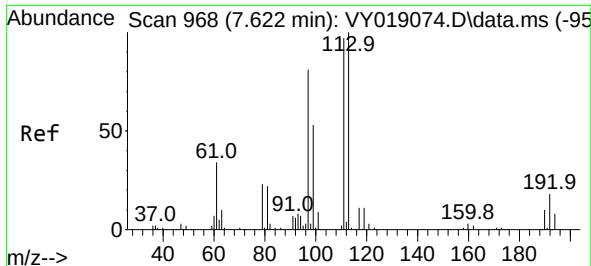
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.8 0.0 27.2

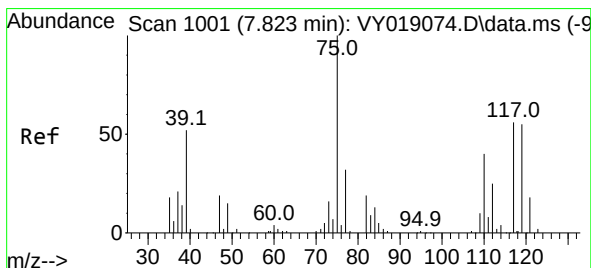
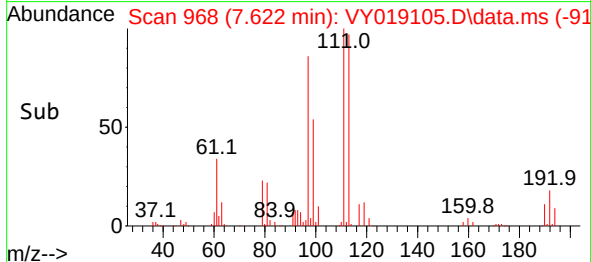
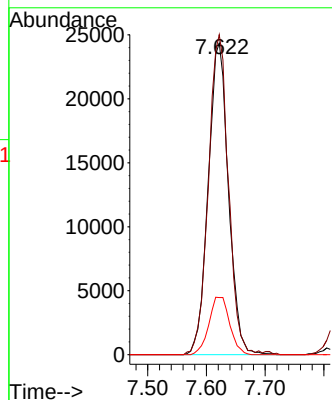
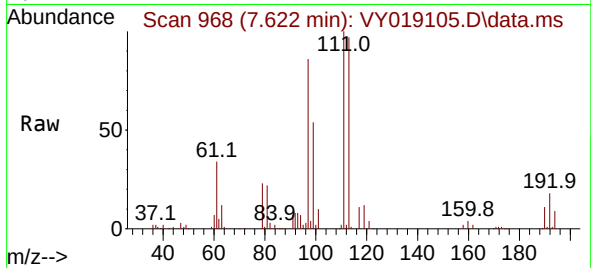




#35
Dibromofluoromethane
Concen: 48.907 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

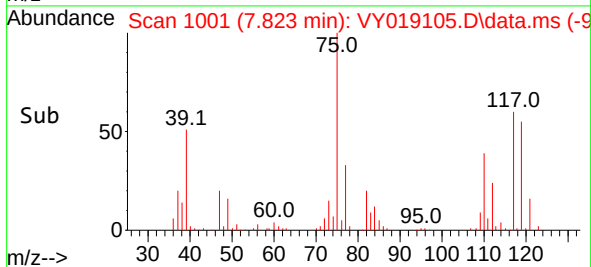
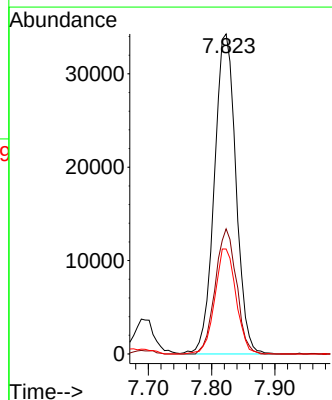
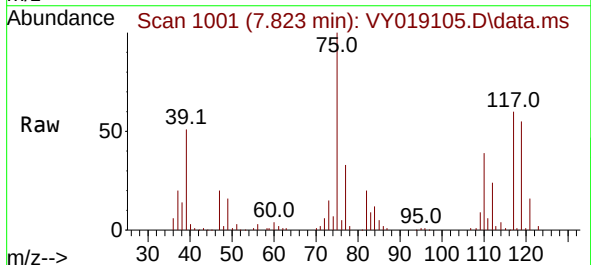
Instrument :
MSVOA_Y
ClientSampleId :

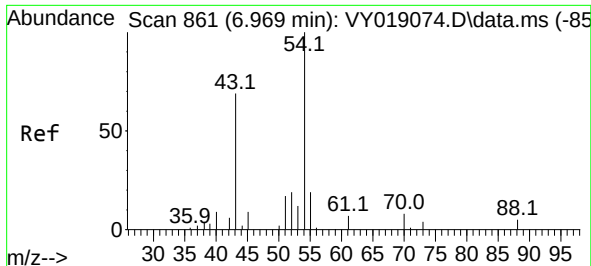
Tgt Ion:113 Resp: 58282
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.655 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 75 Resp: 81256
Ion Ratio Lower Upper
75 100
110 38.4 19.0 57.0
77 32.4 25.3 37.9





#37

Ethyl Acetate

Concen: 52.426 ug/l

RT: 6.969 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

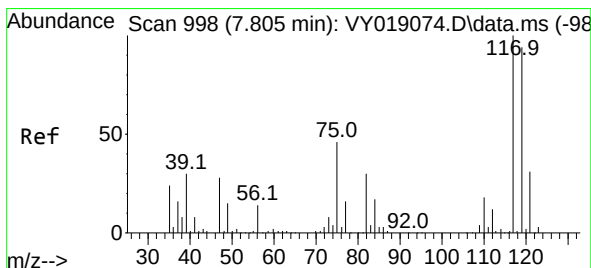
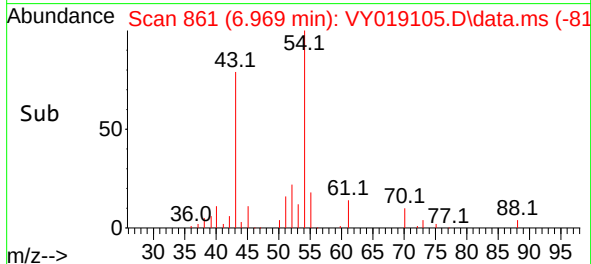
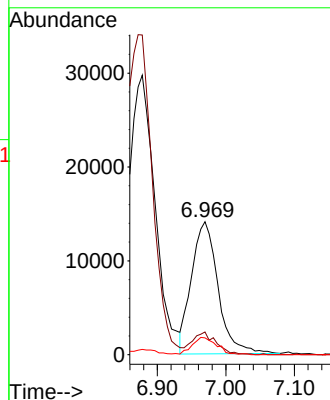
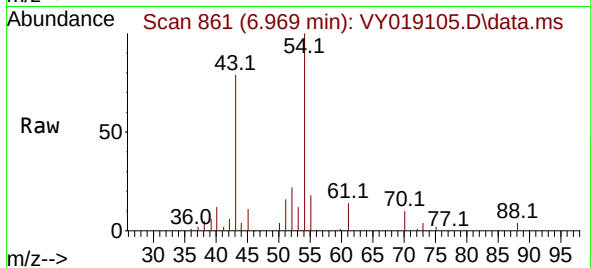
Tgt Ion: 43 Resp: 38009

Ion Ratio Lower Upper

43 100

61 15.2 12.6 19.0

70 12.2 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 50.630 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

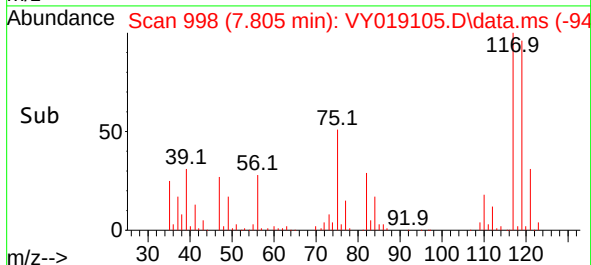
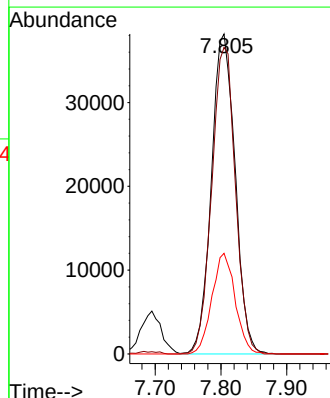
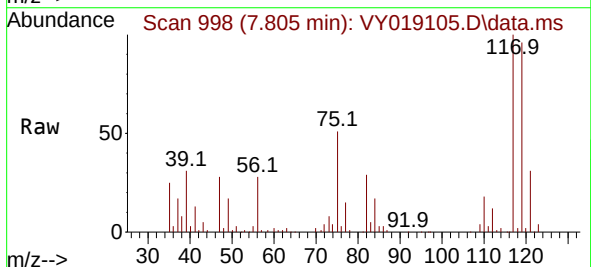
Tgt Ion: 117 Resp: 96015

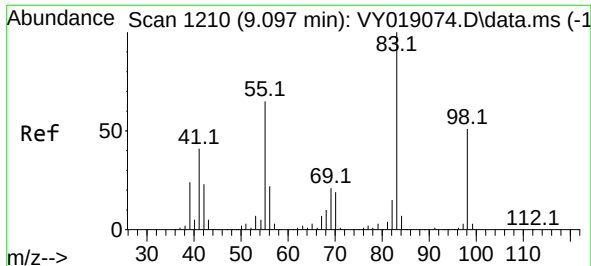
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 31.5 24.0 36.0

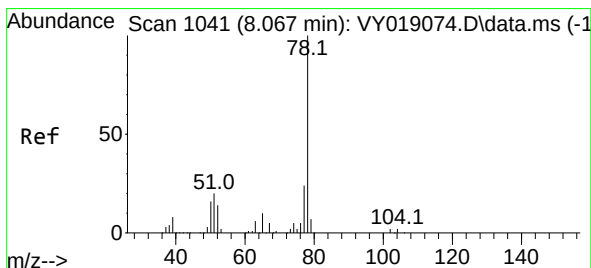
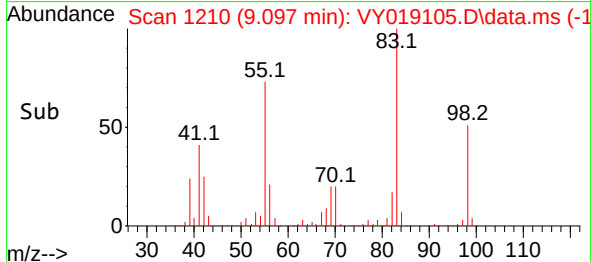
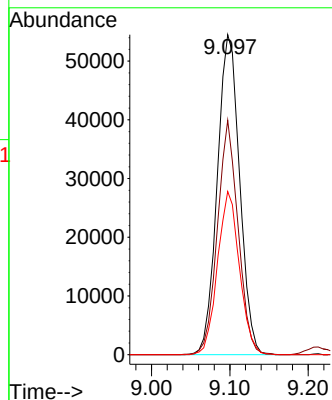
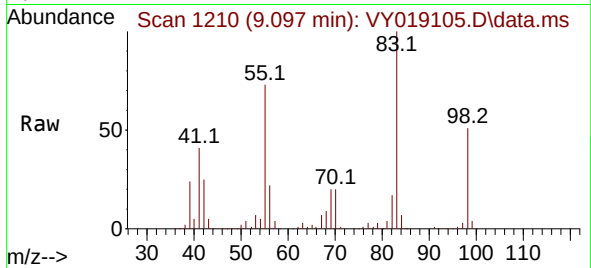




#39
Methylcyclohexane
Concen: 51.558 ug/l
RT: 9.097 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

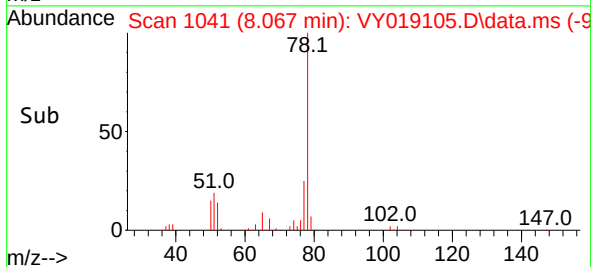
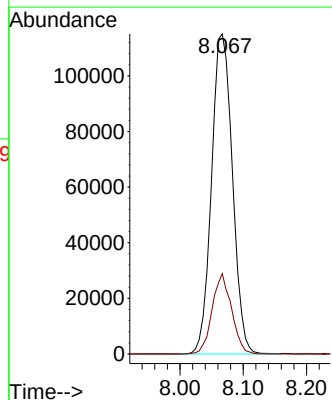
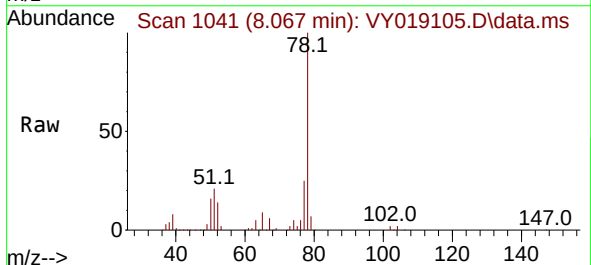
Instrument :
MSVOA_Y
ClientSampleId :

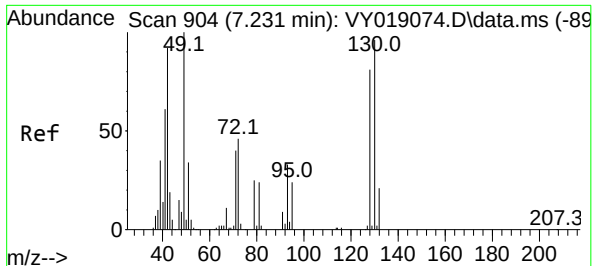
Tgt Ion: 83 Resp: 108270
Ion Ratio Lower Upper
83 100
55 73.3 51.5 77.3
98 51.0 40.5 60.7



#40
Benzene
Concen: 52.563 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

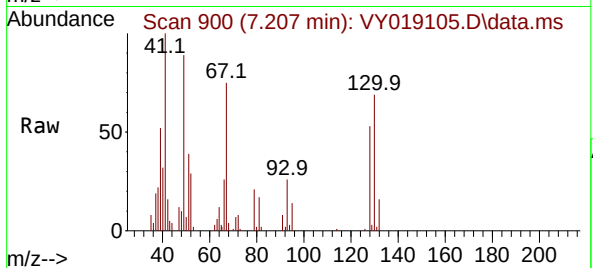
Tgt Ion: 78 Resp: 263802
Ion Ratio Lower Upper
78 100
77 25.1 19.5 29.3



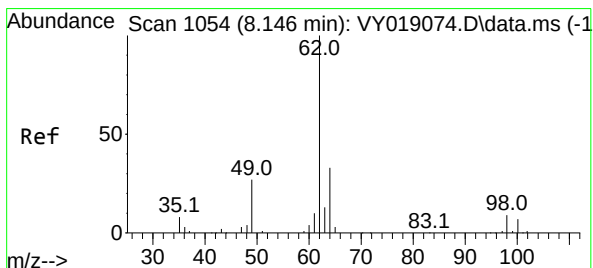
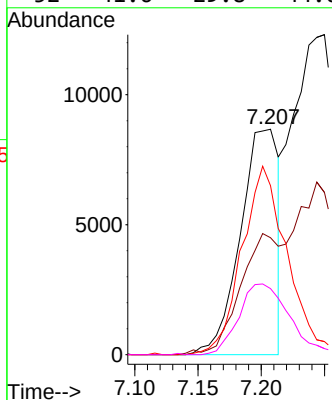
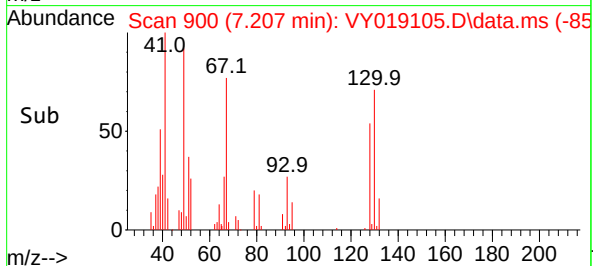


#41
Methacrylonitrile
Concen: 46.246 ug/l
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :

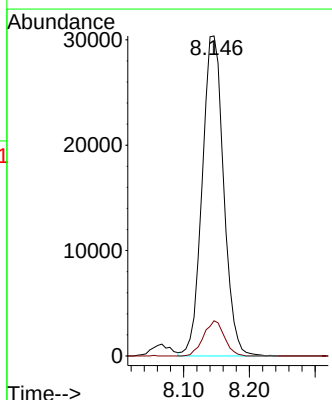
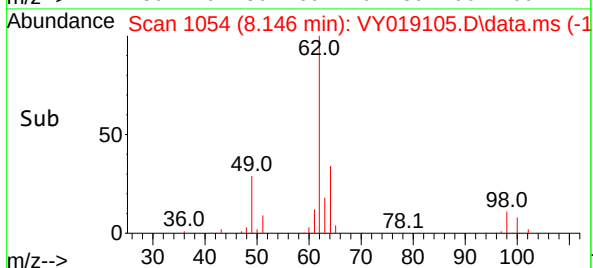
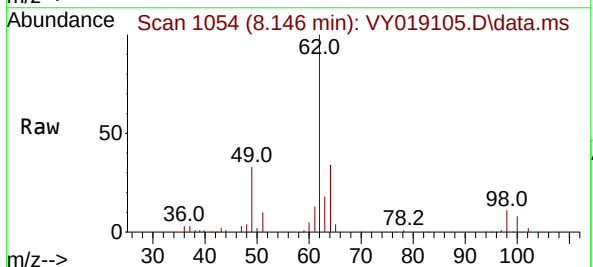


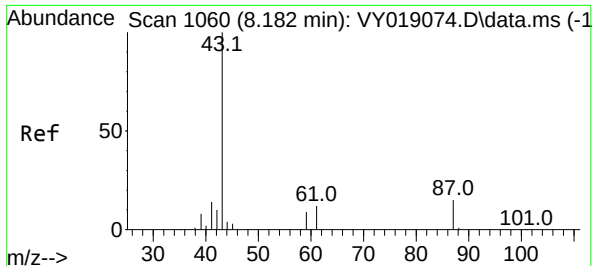
Tgt Ion: 41 Resp: 18300
Ion Ratio Lower Upper
41 100
39 53.5 48.0 72.0
67 98.3 75.1 112.7
52 41.6 29.8 44.6



#42
1,2-Dichloroethane
Concen: 50.903 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 62 Resp: 68987
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0

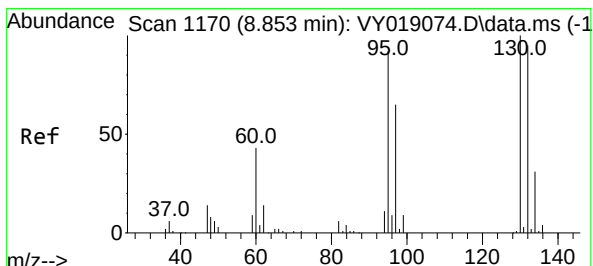
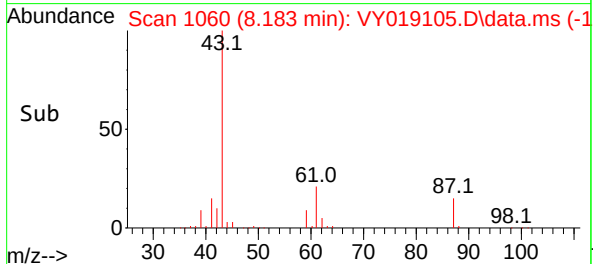
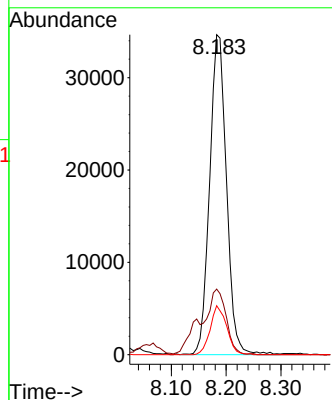
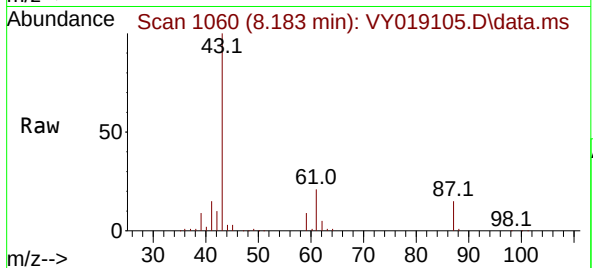




#43
Isopropyl Acetate
Concen: 50.347 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

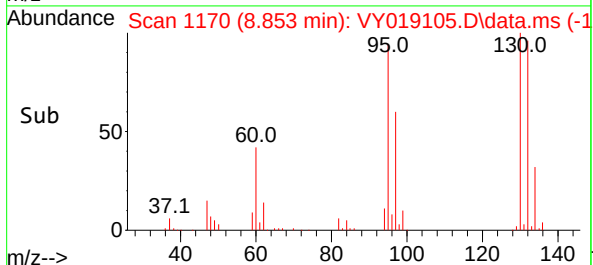
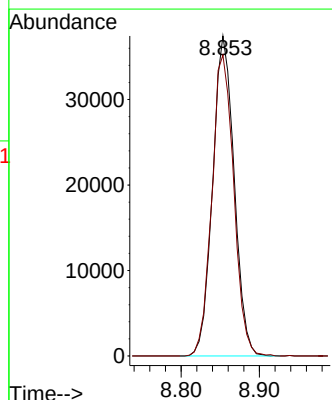
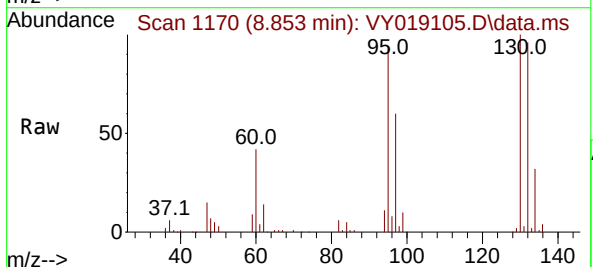
Instrument :
MSVOA_Y
ClientSampleId :

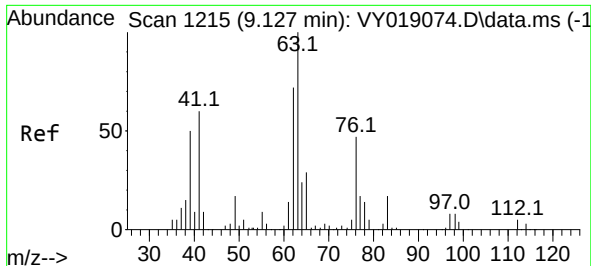
Tgt Ion: 43 Resp: 73821
Ion Ratio Lower Upper
43 100
61 21.1 27.9 41.9#
87 15.0 13.1 19.7



#44
Trichloroethene
Concen: 50.959 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion:130 Resp: 71361
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.036 ug/l

RT: 9.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

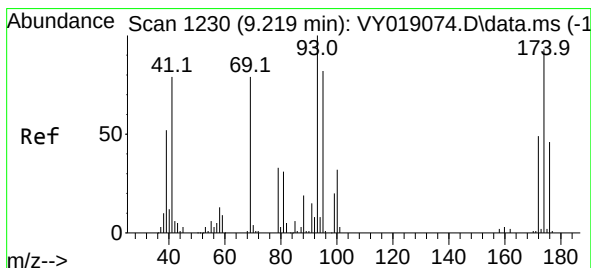
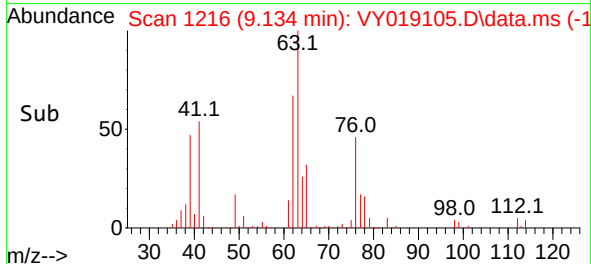
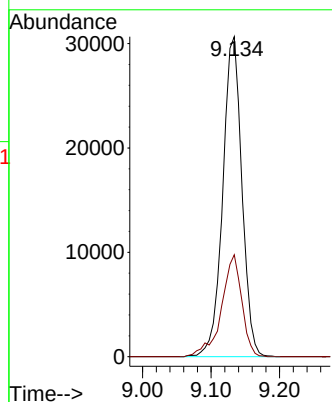
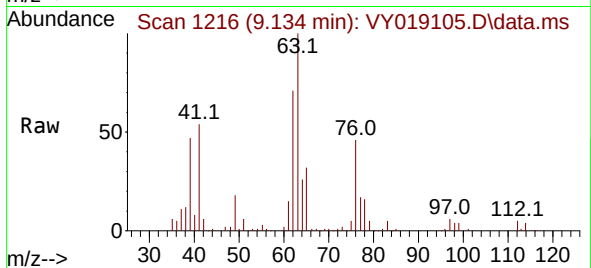
ClientSampleId :

Tgt Ion: 63 Resp: 59304

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 52.196 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

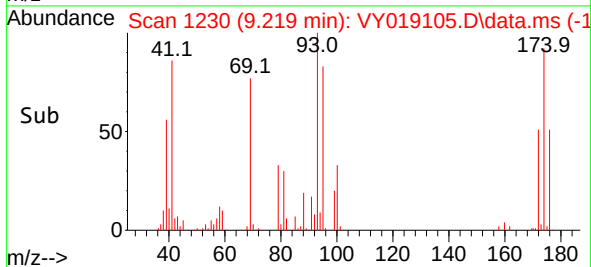
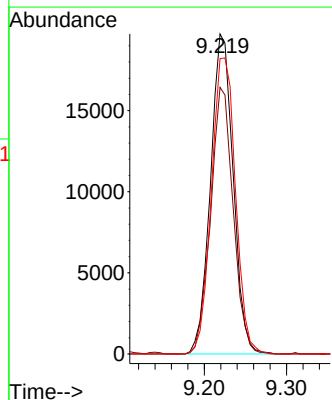
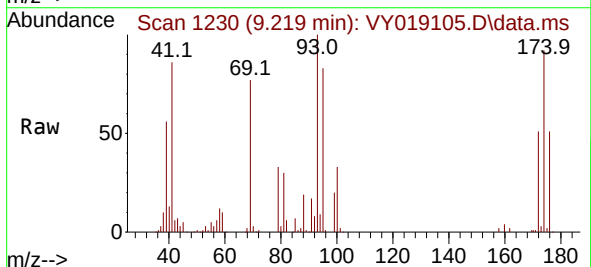
Tgt Ion: 93 Resp: 37855

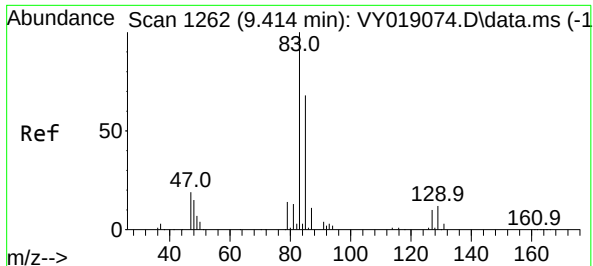
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 97.9 80.9 121.3

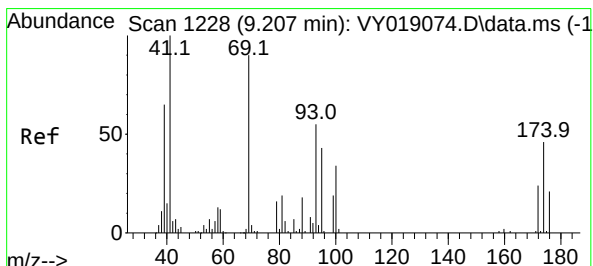
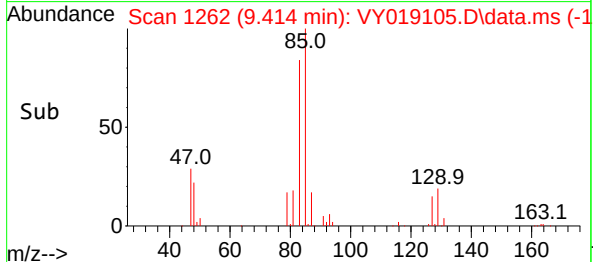
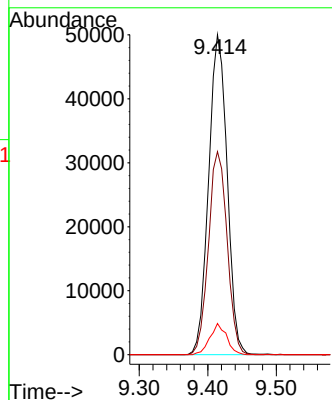
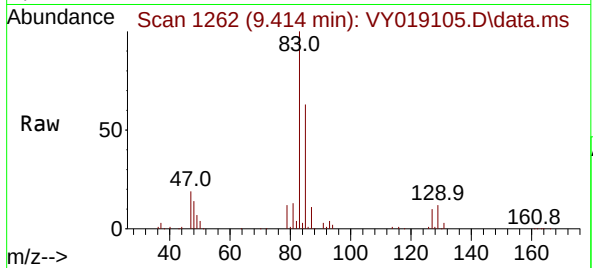




#47
Bromodichloromethane
Concen: 52.755 ug/l
RT: 9.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

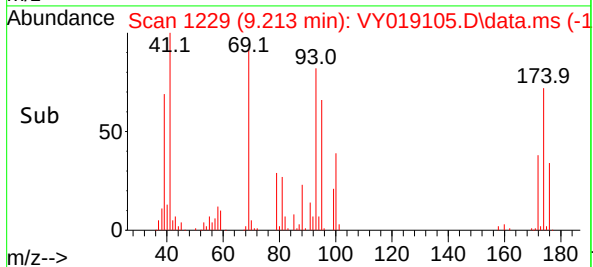
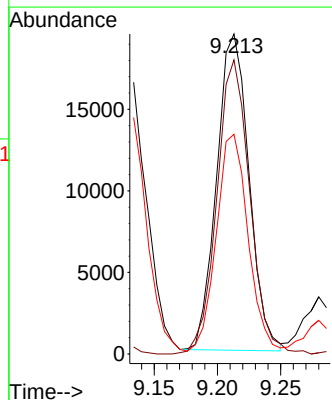
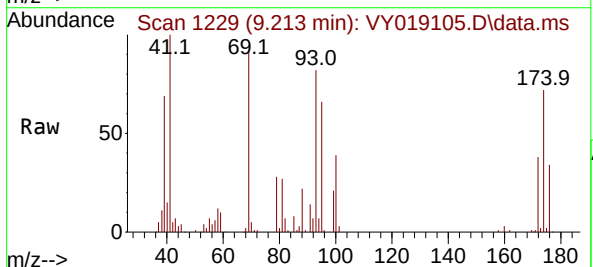
Instrument :
MSVOA_Y
ClientSampleId :

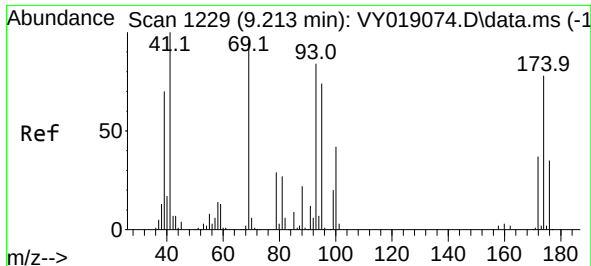
Tgt Ion: 83 Resp: 93869
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 9.7 7.4 11.0



#48
Methyl methacrylate
Concen: 52.703 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 41 Resp: 34439
Ion Ratio Lower Upper
41 100
69 94.9 84.1 126.1
39 67.2 43.6 65.4#





#49

1,4-Dioxane

Concen: 1010.991 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

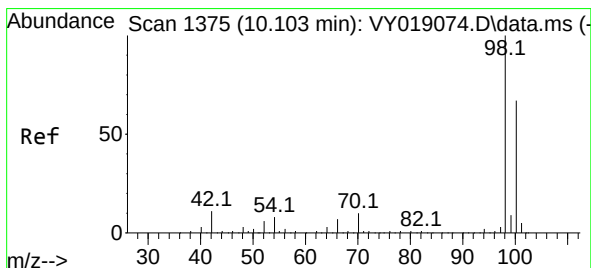
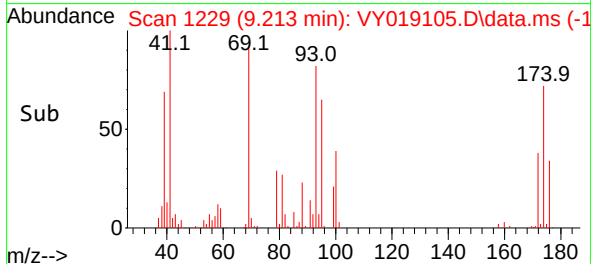
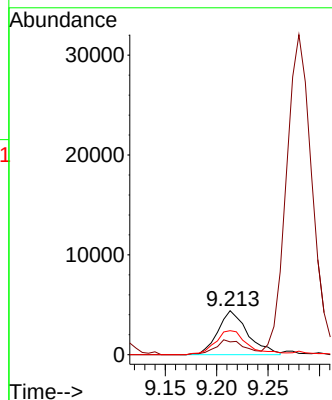
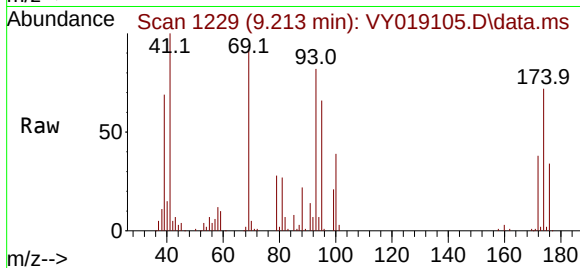
Tgt Ion: 88 Resp: 8882

Ion Ratio Lower Upper

88 100

43 33.3 0.0 0.0#

58 59.0 49.3 73.9



#50

Toluene-d8

Concen: 50.458 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019105.D

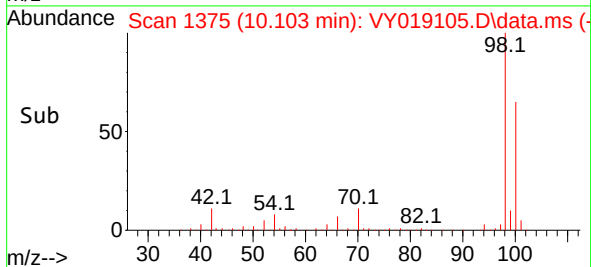
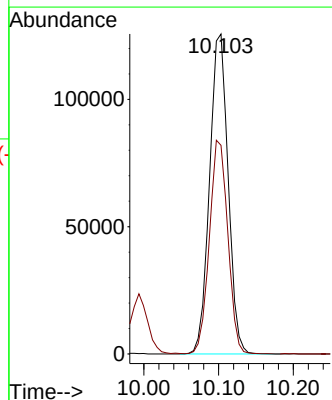
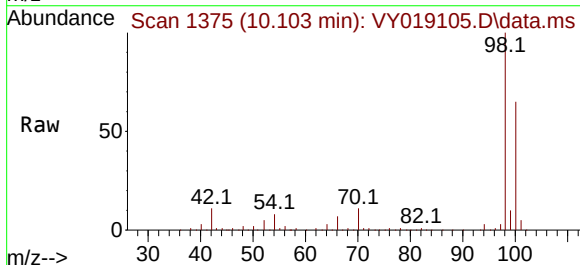
Acq: 16 Aug 2024 20:03

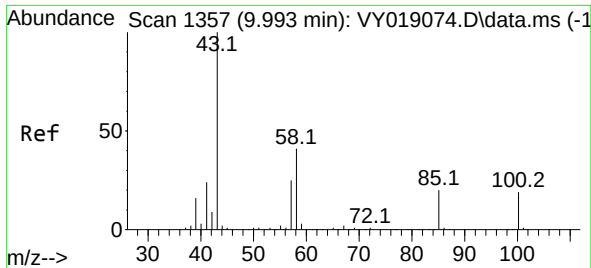
Tgt Ion: 98 Resp: 216388

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 262.223 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

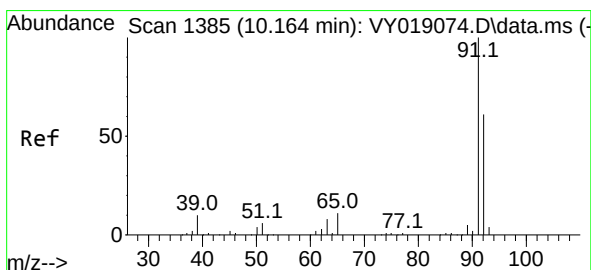
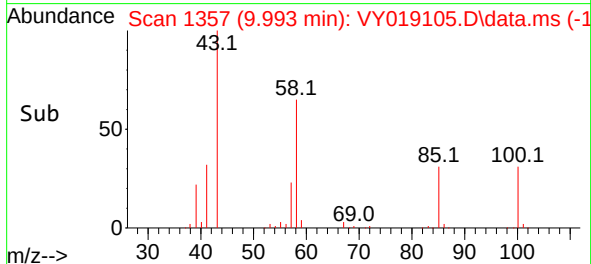
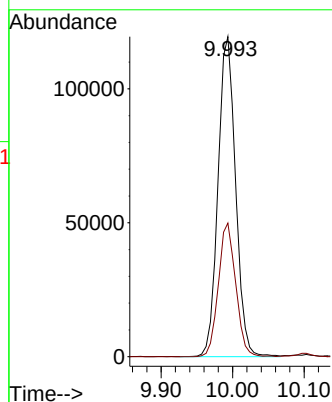
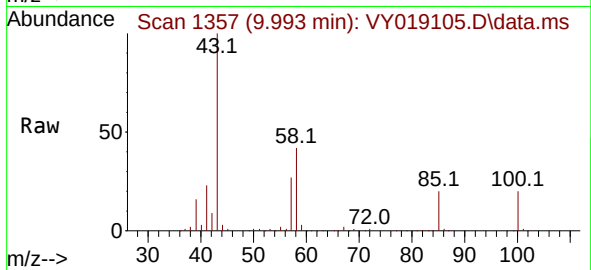
ClientSampleId :

Tgt Ion: 43 Resp: 204067

Ion Ratio Lower Upper

43 100

58 41.2 35.7 53.5



#52

Toluene

Concen: 53.628 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019105.D

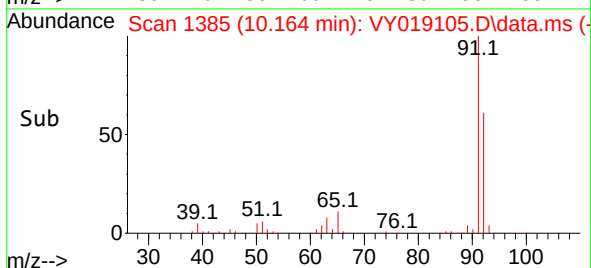
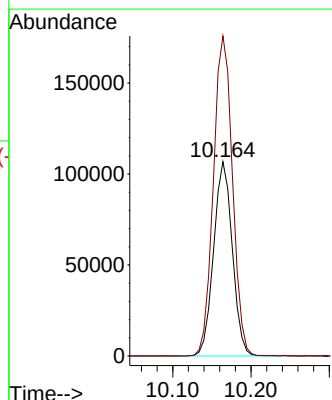
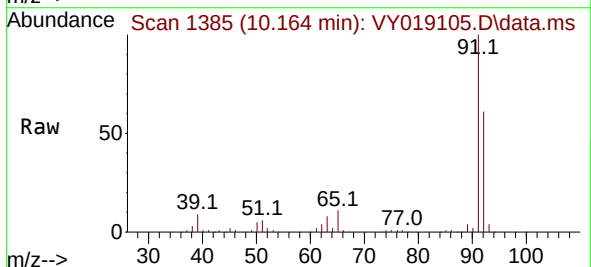
Acq: 16 Aug 2024 20:03

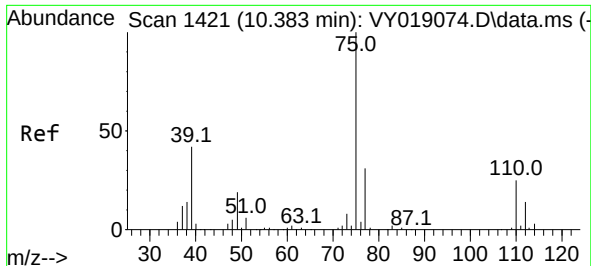
Tgt Ion: 92 Resp: 176673

Ion Ratio Lower Upper

92 100

91 168.7 139.0 208.6

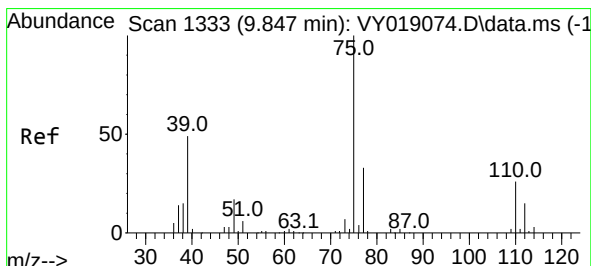
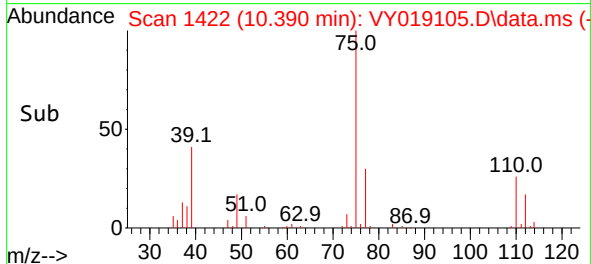
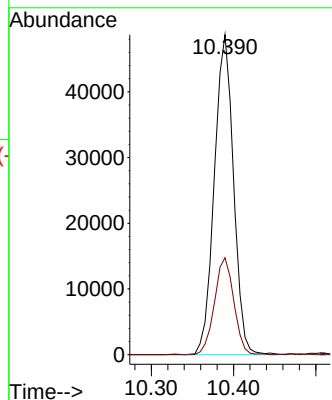
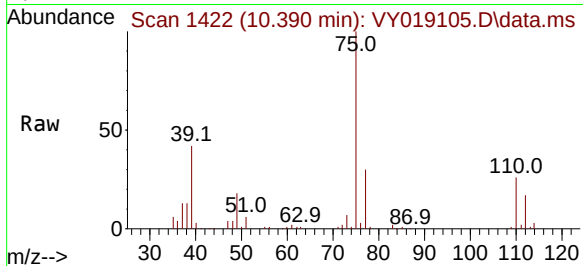




#53
 t-1,3-Dichloropropene
 Concen: 53.504 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

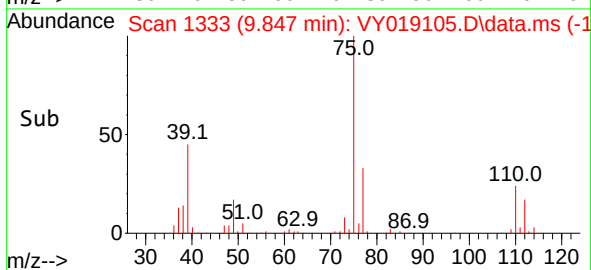
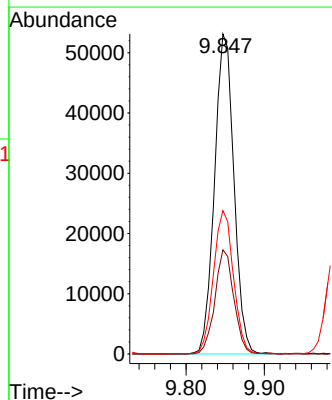
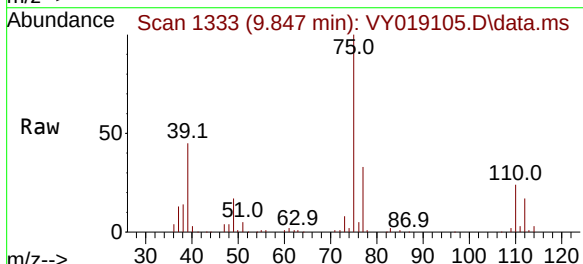
Instrument :
 MSVOA_Y
 ClientSampleId :

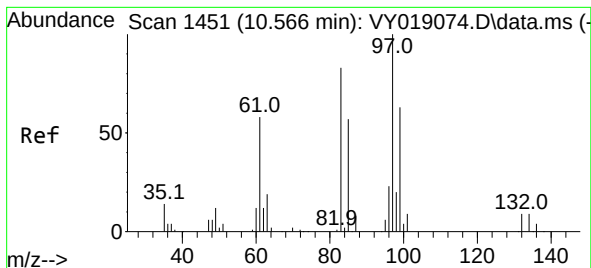
Tgt Ion: 75 Resp: 78973
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.612 ug/l
 RT: 9.847 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

Tgt Ion: 75 Resp: 91617
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 44.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 54.202 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

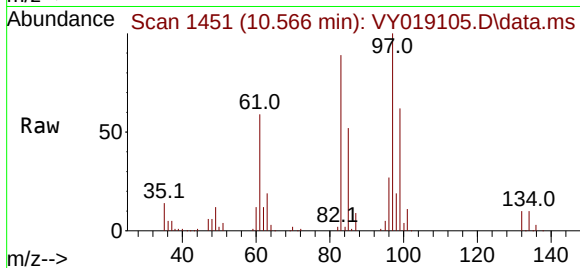
Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 50605

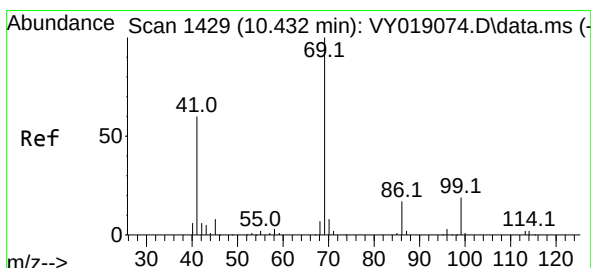
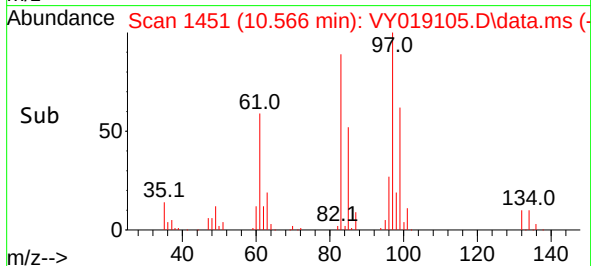
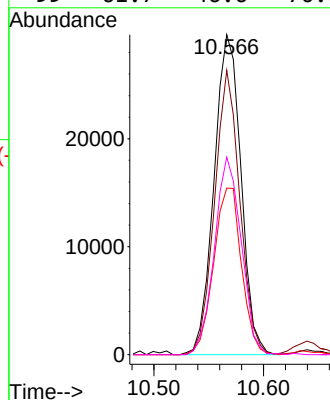
Ion Ratio Lower Upper

97 100

83 88.9 67.5 101.3

85 52.0 42.9 64.3

99 61.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.966 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

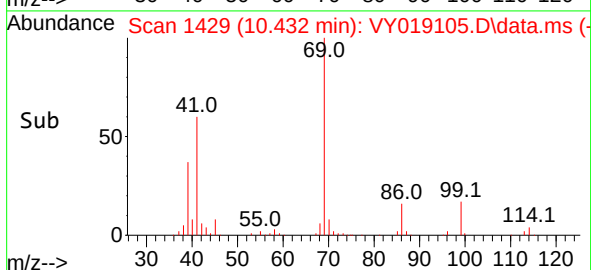
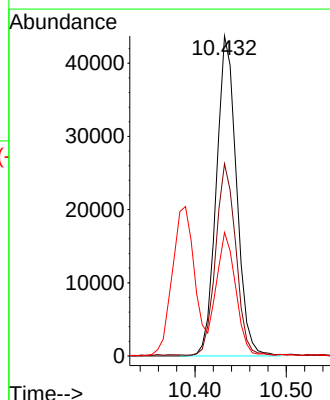
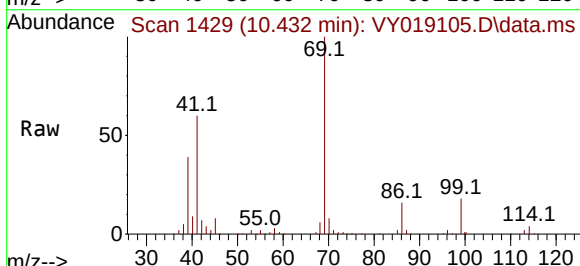
Tgt Ion: 69 Resp: 67171

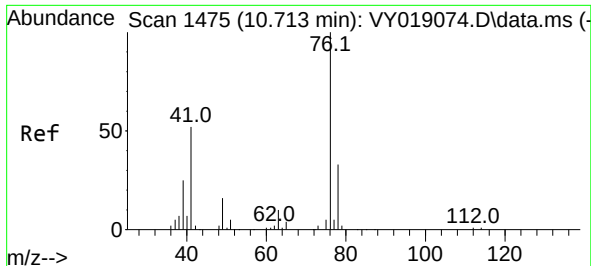
Ion Ratio Lower Upper

69 100

41 59.7 42.3 63.5

39 36.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 54.213 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

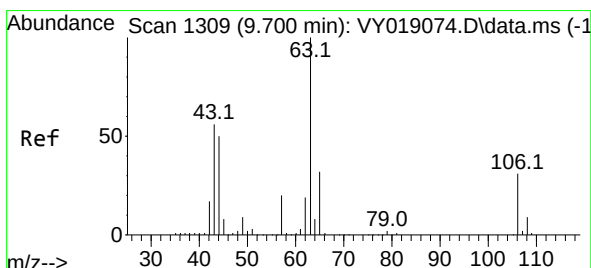
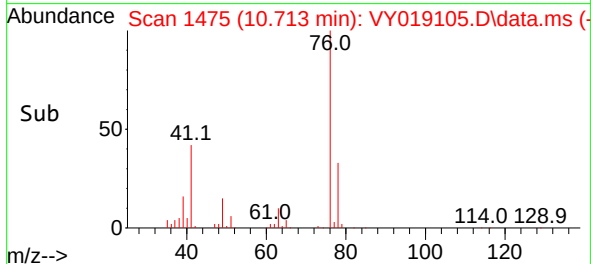
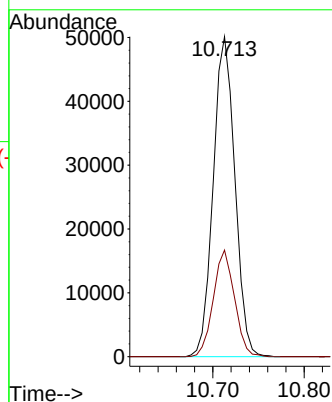
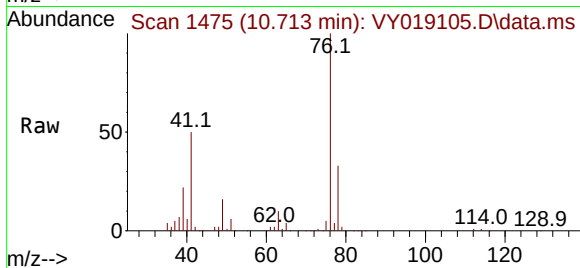
ClientSampleId :

Tgt Ion: 76 Resp: 82511

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 280.877 ug/l

RT: 9.701 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VY019105.D

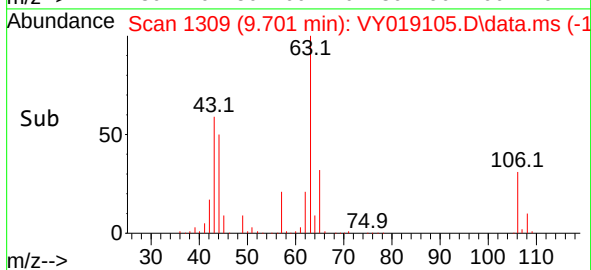
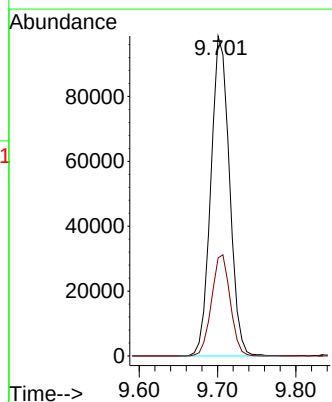
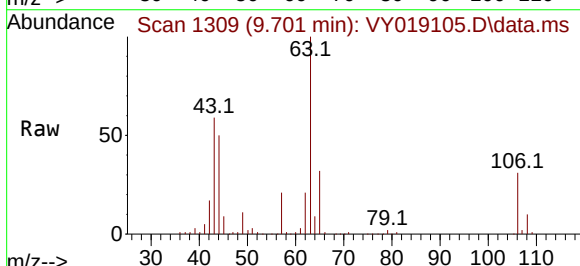
Acq: 16 Aug 2024 20:03

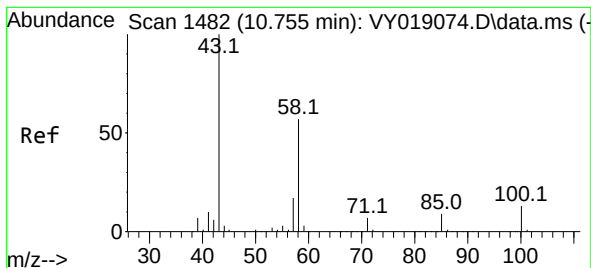
Tgt Ion: 63 Resp: 162836

Ion Ratio Lower Upper

63 100

106 31.6 23.7 35.5

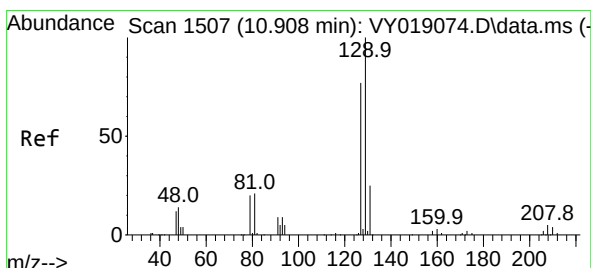
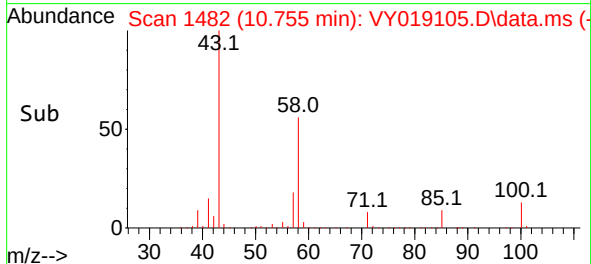
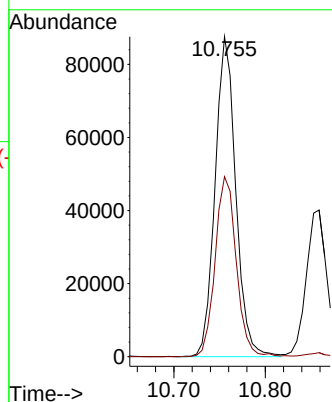
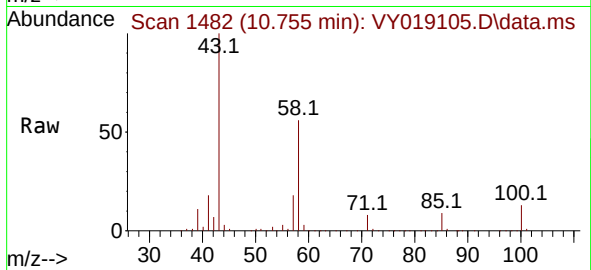




#59
2-Hexanone
Concen: 257.609 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

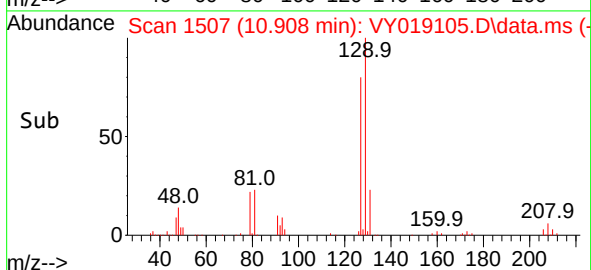
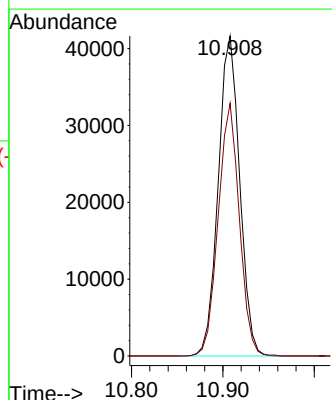
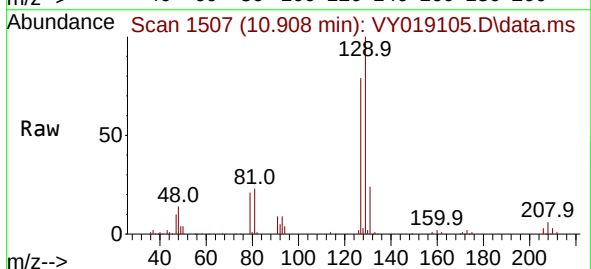
Instrument :
MSVOA_Y
ClientSampleId :

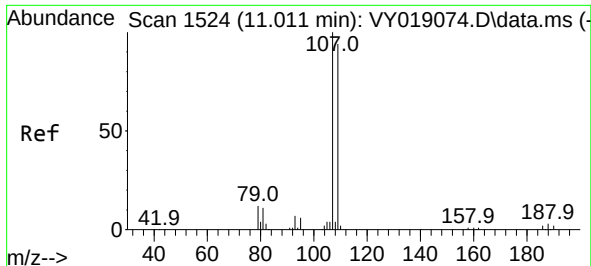
Tgt Ion: 43 Resp: 137731
Ion Ratio Lower Upper
43 100
58 57.6 31.4 94.0



#60
Dibromochloromethane
Concen: 53.453 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion:129 Resp: 67973
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

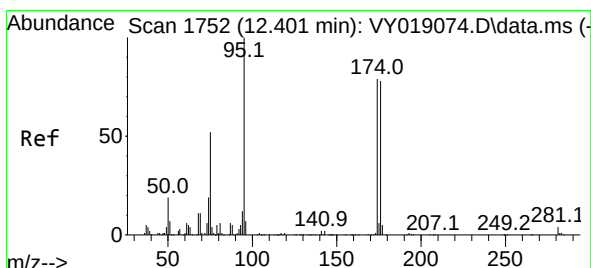
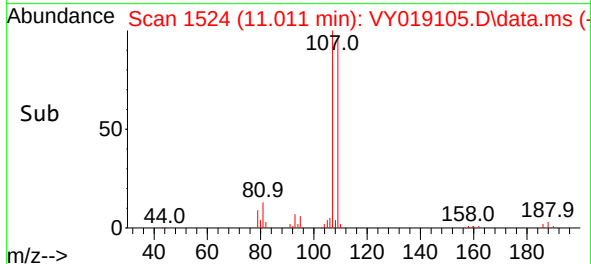
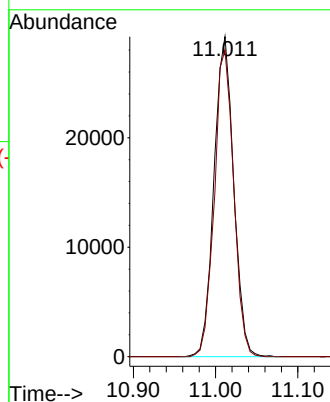
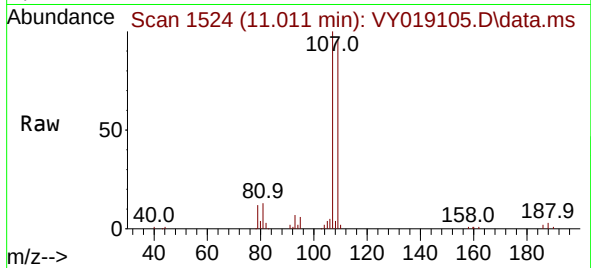




#61
1,2-Dibromoethane
Concen: 53.897 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

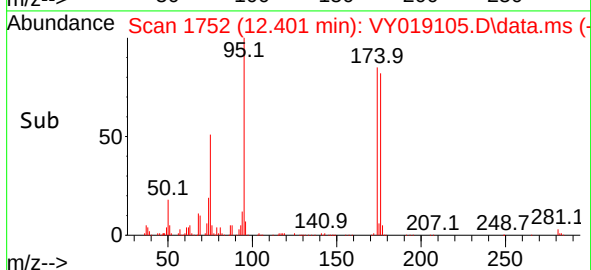
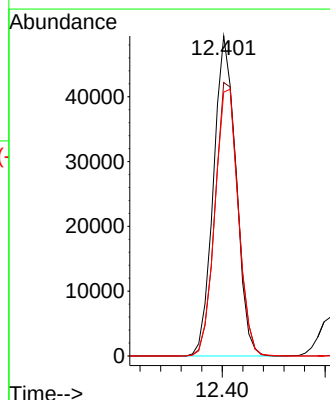
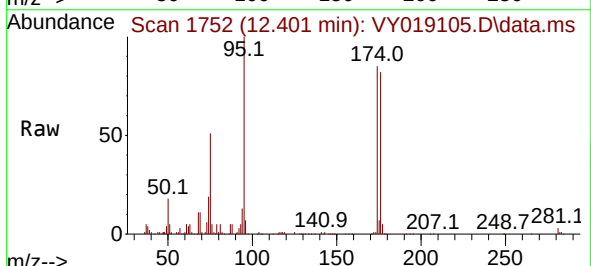
Instrument :
MSVOA_Y
ClientSampleId :

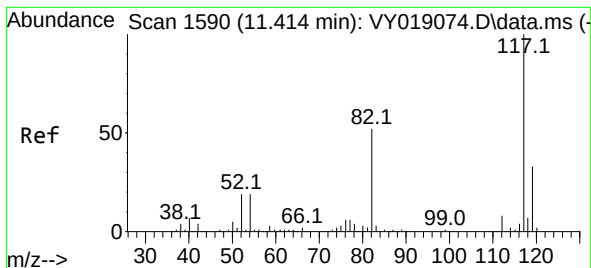
Tgt Ion:107 Resp: 48637
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.285 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 95 Resp: 74975
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 86.3 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: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

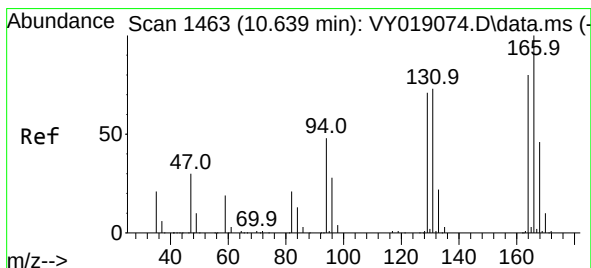
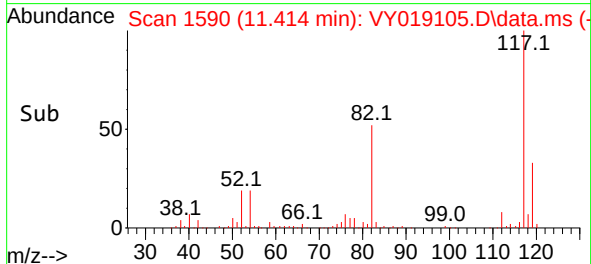
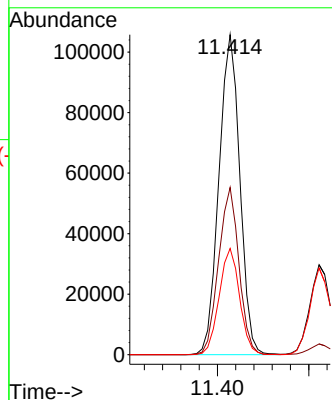
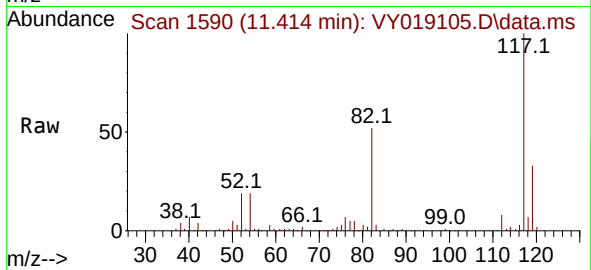
Tgt Ion:117 Resp: 168065

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 33.2 25.9 38.9



#64

Tetrachloroethene

Concen: 51.895 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Tgt Ion:164 Resp: 76235

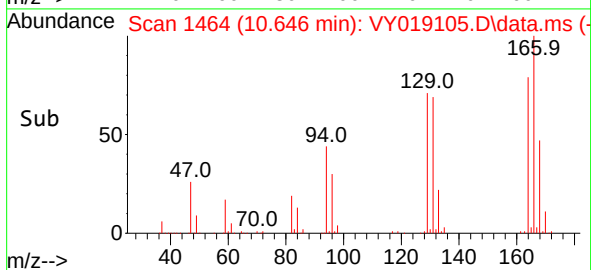
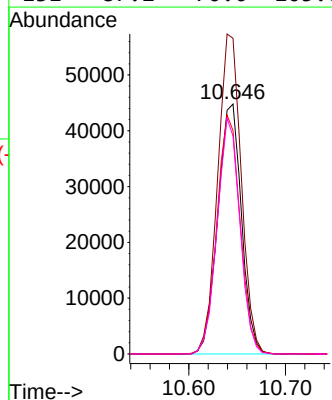
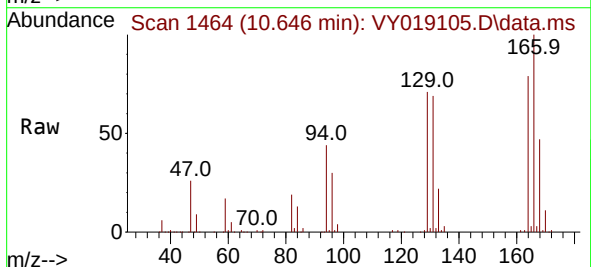
Ion Ratio Lower Upper

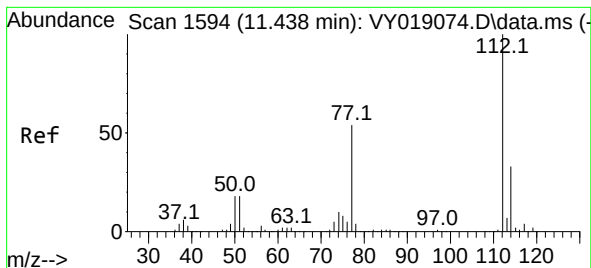
164 100

166 126.3 102.6 154.0

129 89.4 72.0 108.0

131 87.2 70.0 105.0





#65

Chlorobenzene

Concen: 50.949 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

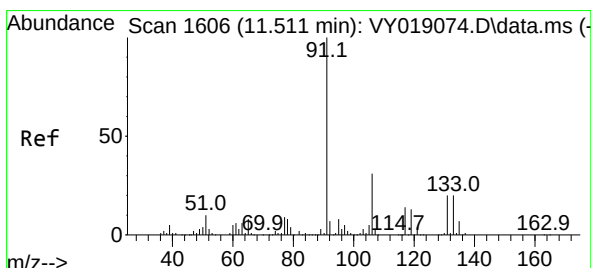
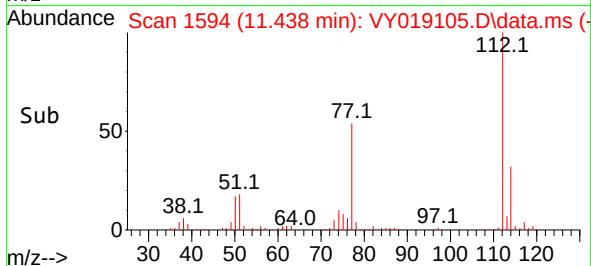
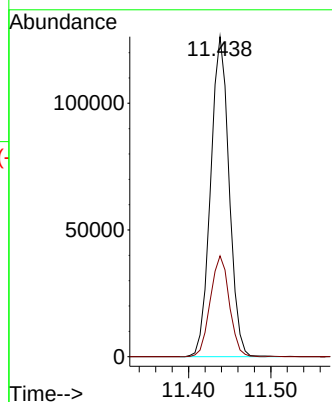
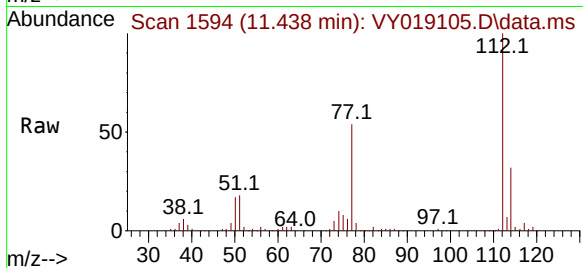
ClientSampleId :

Tgt Ion:112 Resp: 197167

Ion Ratio Lower Upper

112 100

114 31.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.112 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

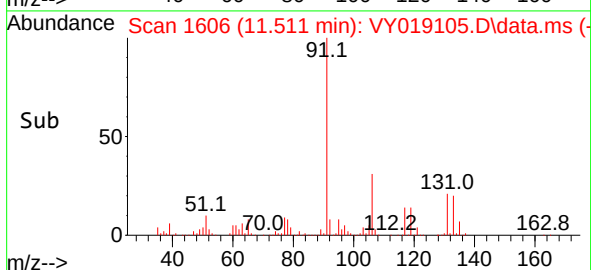
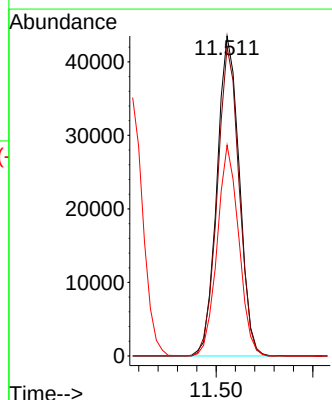
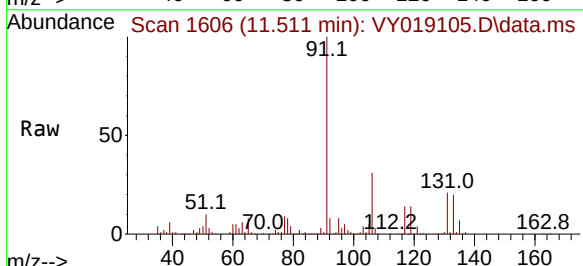
Tgt Ion:131 Resp: 69559

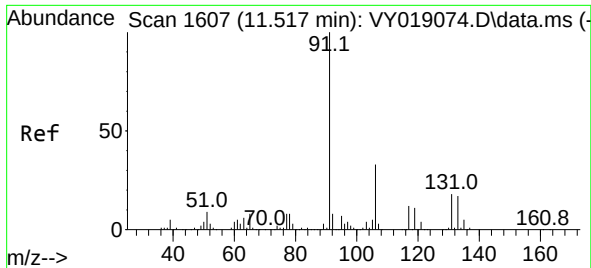
Ion Ratio Lower Upper

131 100

133 94.5 47.8 143.3

119 63.8 34.1 102.2





#67

Ethyl Benzene

Concen: 50.222 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

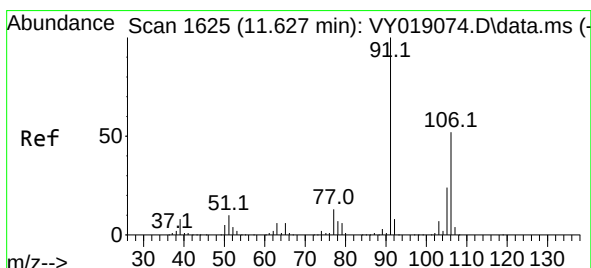
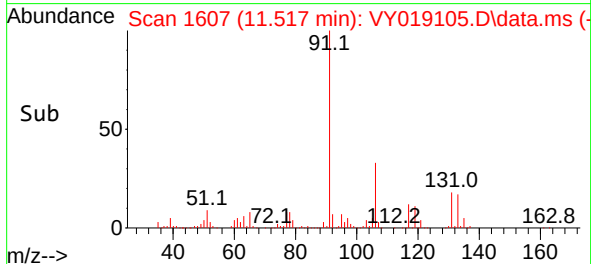
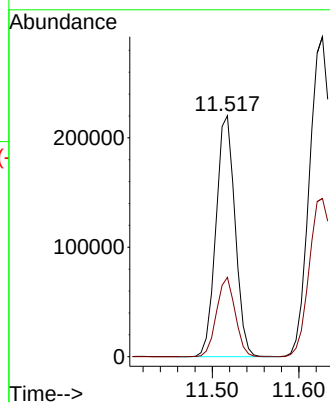
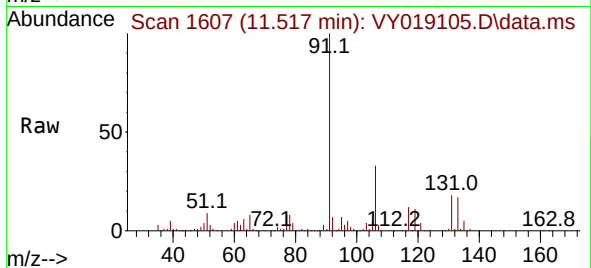
ClientSampleId :

Tgt Ion: 91 Resp: 337335

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 101.238 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019105.D

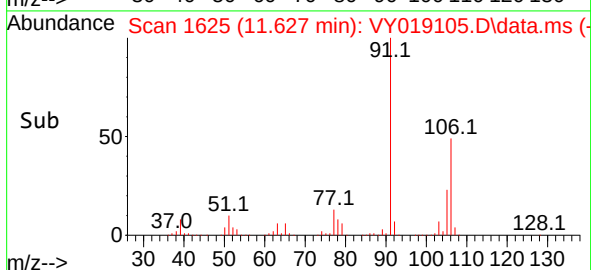
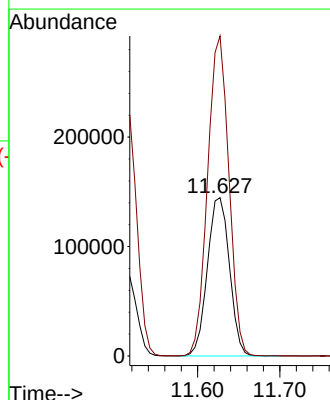
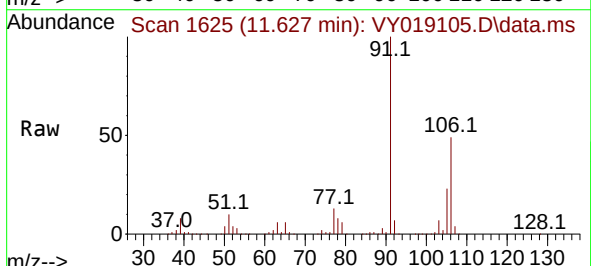
Acq: 16 Aug 2024 20:03

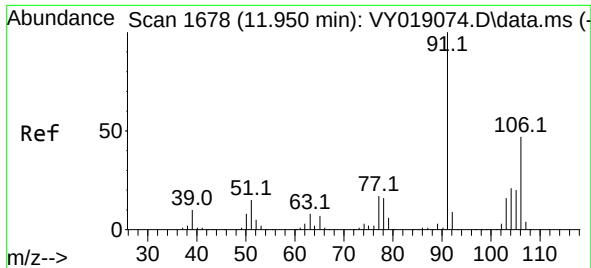
Tgt Ion: 106 Resp: 269817

Ion Ratio Lower Upper

106 100

91 195.0 156.0 234.0

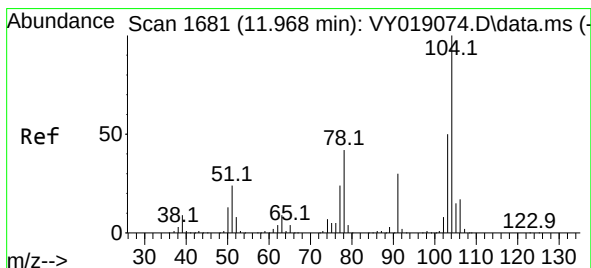
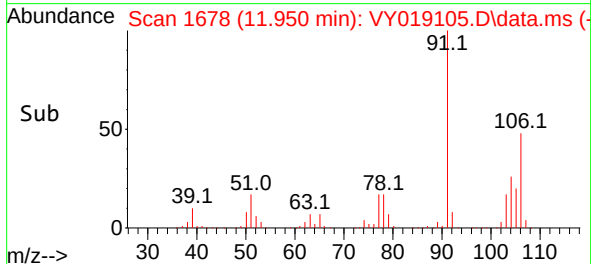
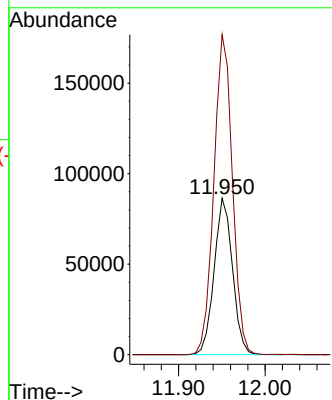
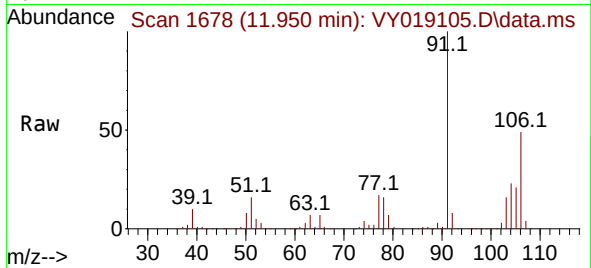




#69
o-Xylene
Concen: 51.538 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

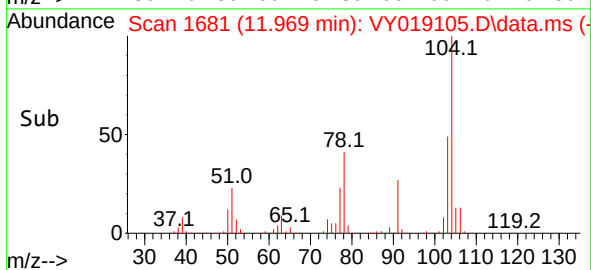
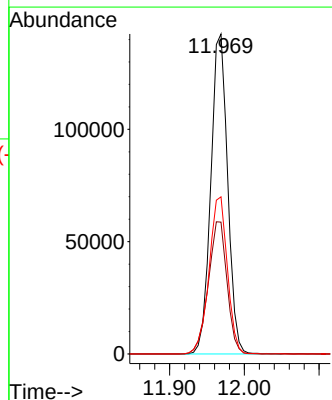
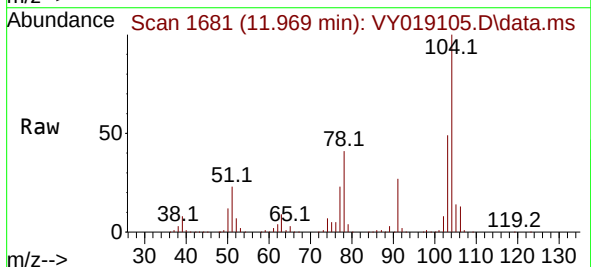
Instrument :
MSVOA_Y
ClientSampleId :

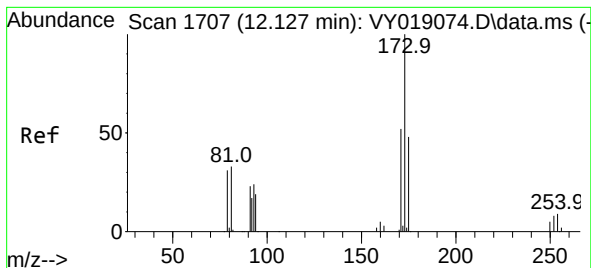
Tgt Ion:106 Resp: 127200
Ion Ratio Lower Upper
106 100
91 206.6 103.6 310.8



#70
Styrene
Concen: 52.915 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion:104 Resp: 222707
Ion Ratio Lower Upper
104 100
78 46.1 37.0 55.4
103 53.5 44.2 66.2





#71

Bromoform

Concen: 52.360 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019105.D

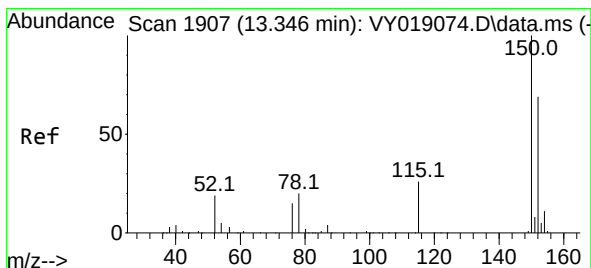
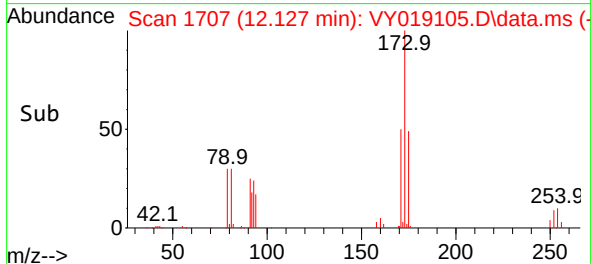
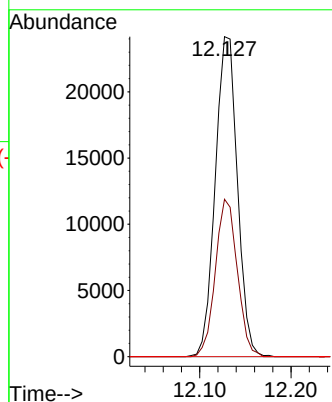
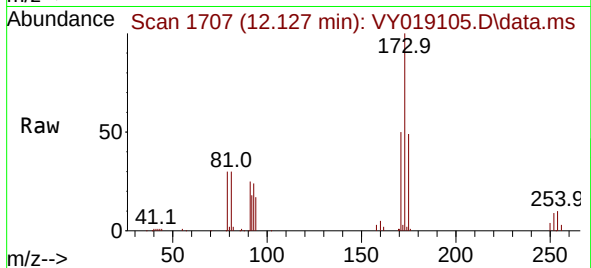
Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	40734
Ion Ratio	Lower	Upper	
173	100		
175	48.7	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

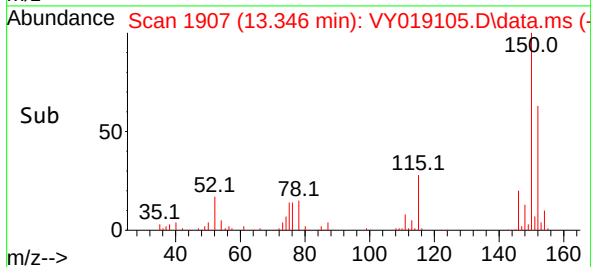
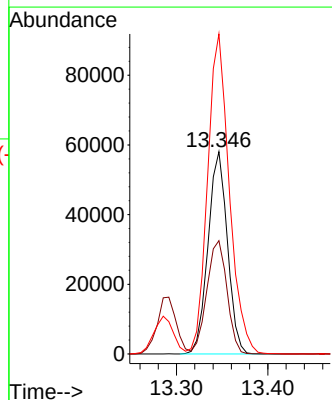
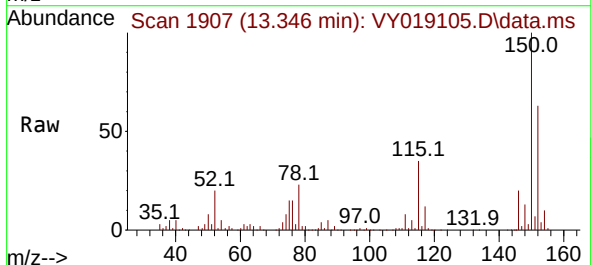
RT: 13.346 min Scan# 1907

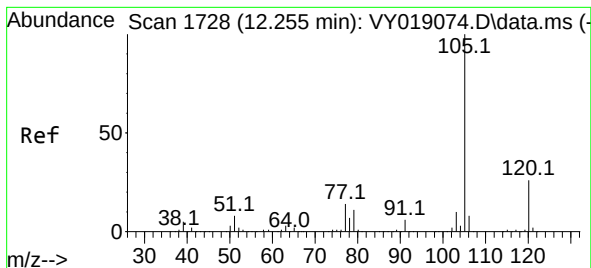
Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Tgt Ion:	152	Resp:	85434
Ion Ratio	Lower	Upper	
152	100		
115	58.1	28.2	84.7
150	177.3	0.0	345.6





#73

Isopropylbenzene

Concen: 50.388 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

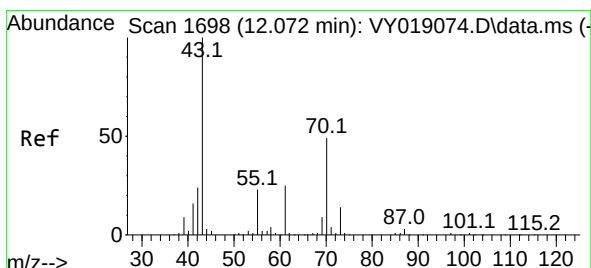
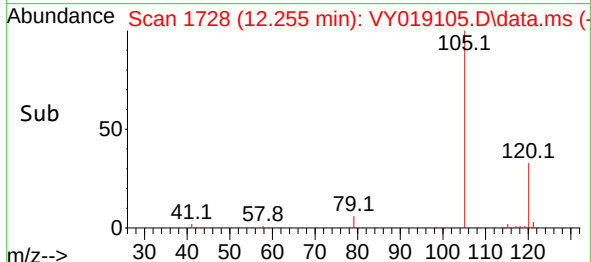
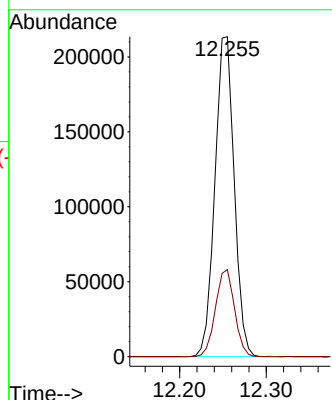
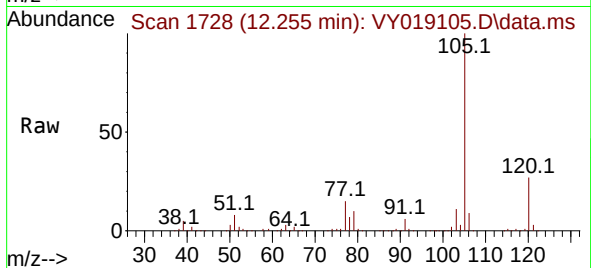
ClientSampleId :

Tgt Ion:105 Resp: 329946

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 49.500 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Tgt Ion: 43 Resp: 70679

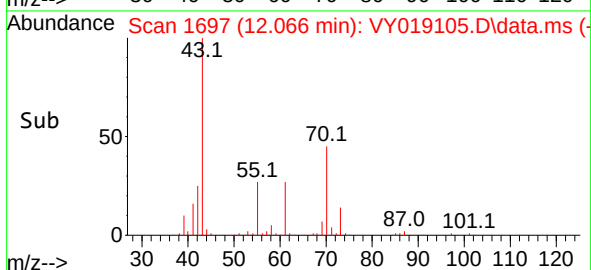
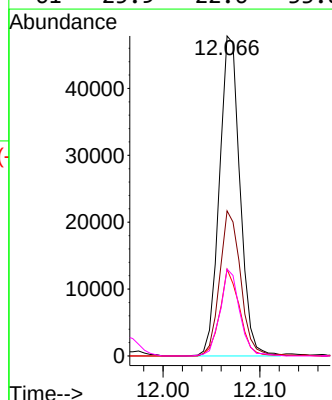
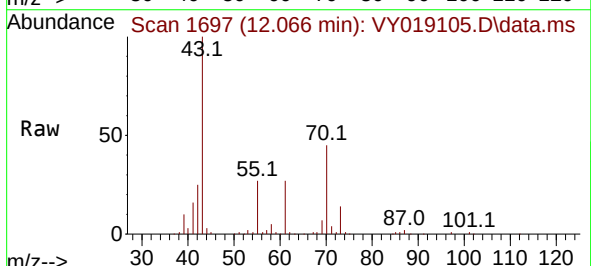
Ion Ratio Lower Upper

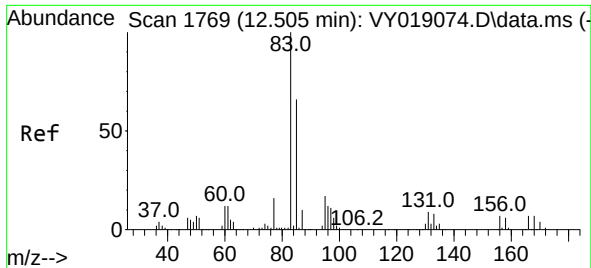
43 100

70 46.2 41.4 62.2

55 25.9 23.3 34.9

61 25.9 22.6 33.8

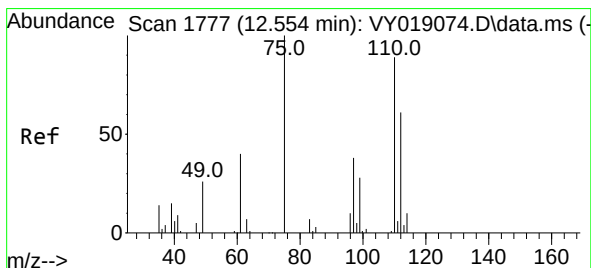
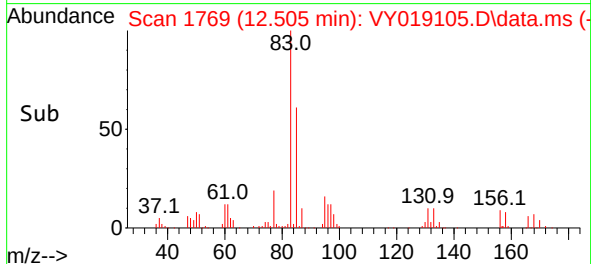
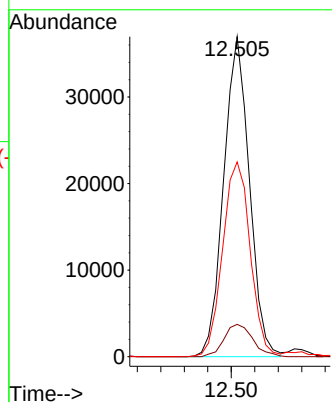
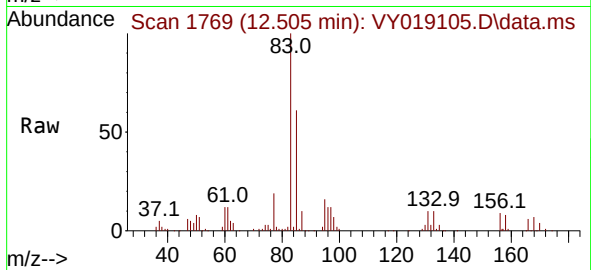




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.267 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

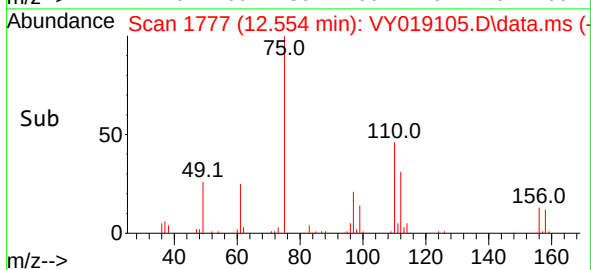
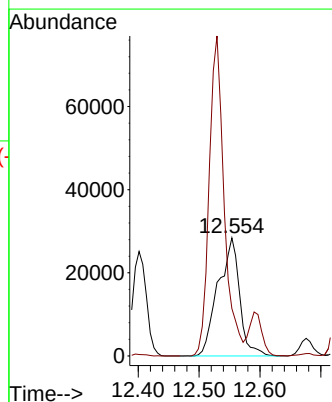
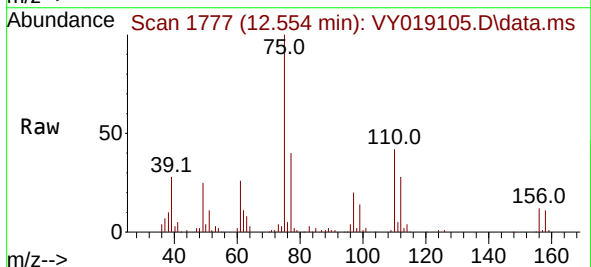
Instrument :
 MSVOA_Y
 ClientSampleId :

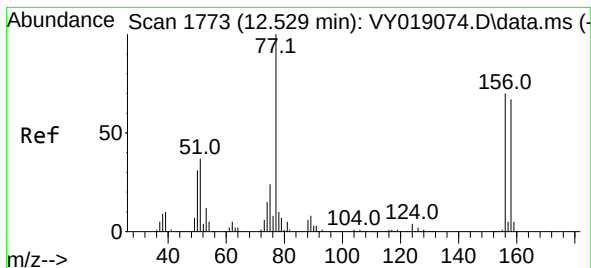
Tgt Ion: 83 Resp: 56267
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.0 14.9
 85 65.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 82.806 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

Tgt Ion: 75 Resp: 69767
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.856 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

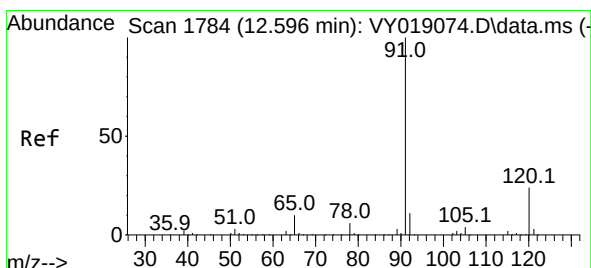
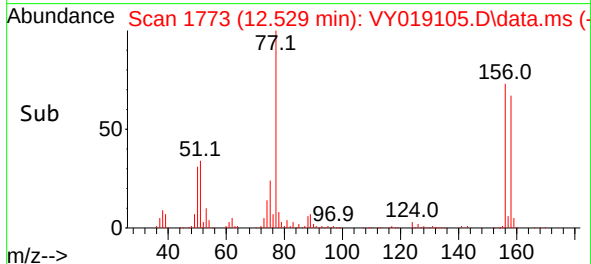
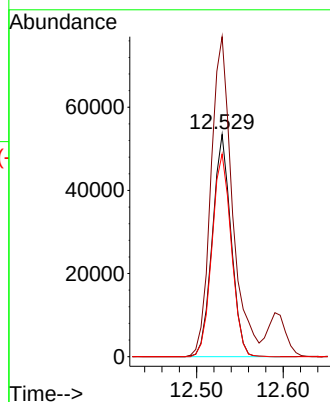
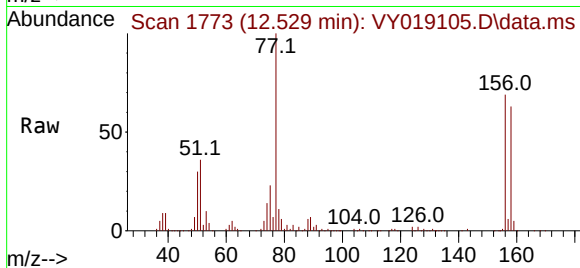
Tgt Ion:156 Resp: 79975

Ion Ratio Lower Upper

156 100

77 164.9 87.1 261.3

158 94.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.232 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019105.D

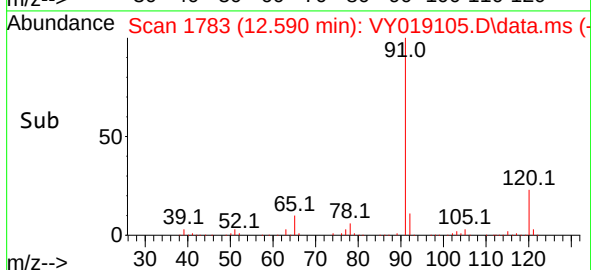
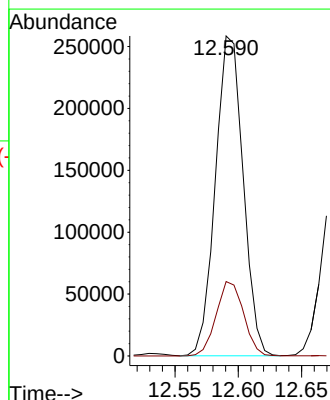
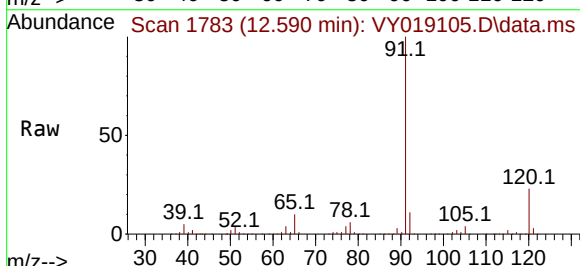
Acq: 16 Aug 2024 20:03

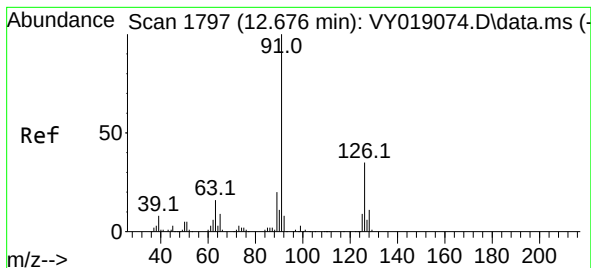
Tgt Ion: 91 Resp: 393205

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

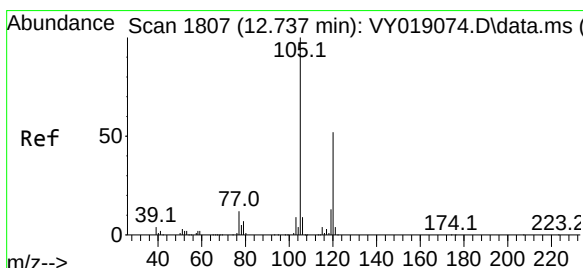
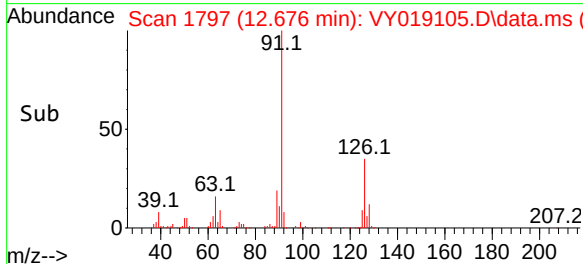
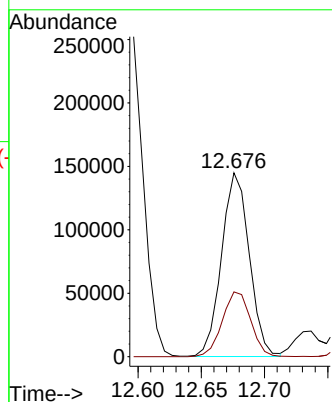
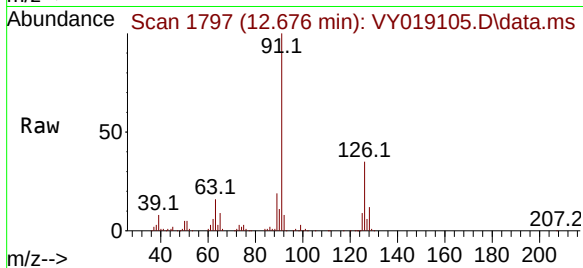




#79
2-Chlorotoluene
Concen: 50.324 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

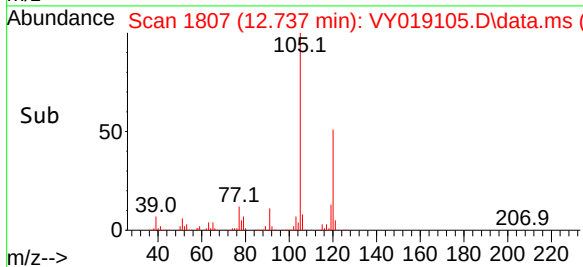
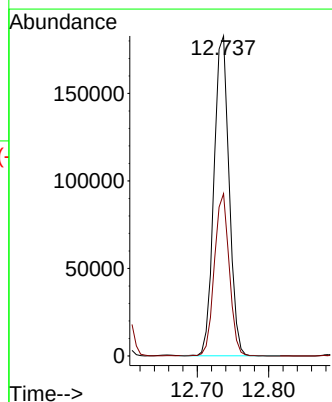
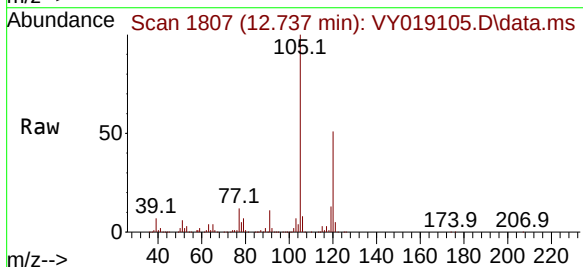
Instrument :
MSVOA_Y
ClientSampleId :

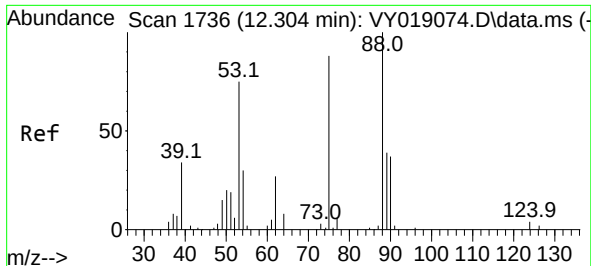
Tgt Ion: 91 Resp: 220853
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.425 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion:105 Resp: 268990
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.2

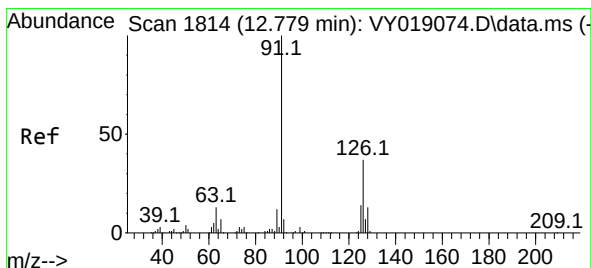
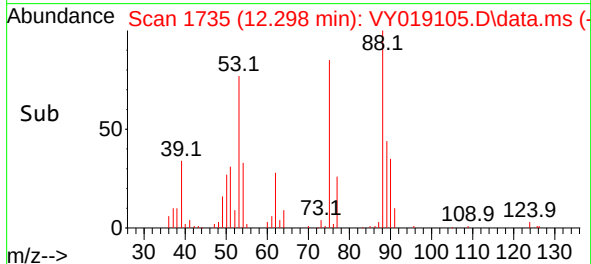
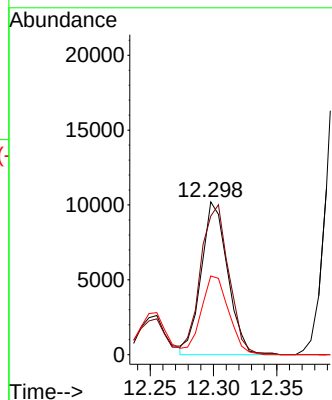
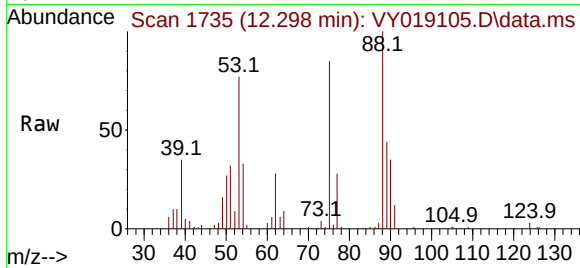




#81
trans-1,4-Dichloro-2-butene
Concen: 43.731 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

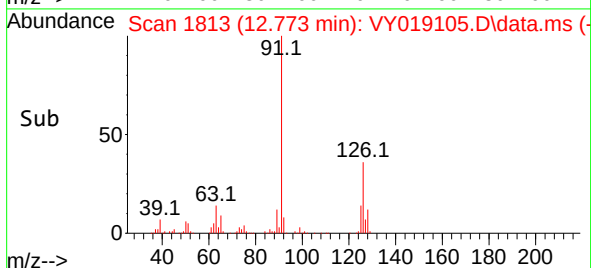
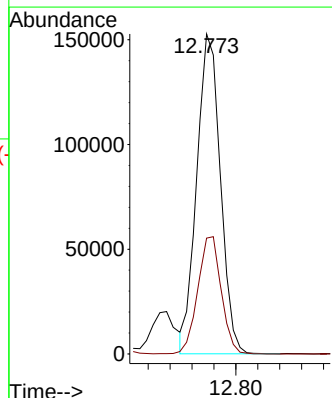
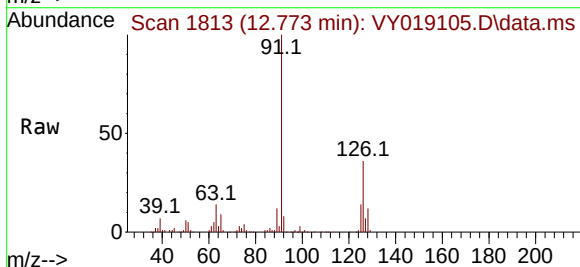
Instrument :
MSVOA_Y
ClientSampleId :

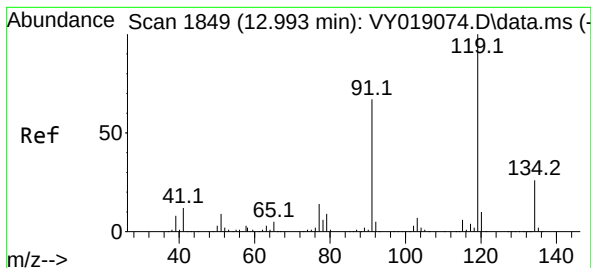
Tgt Ion: 75 Resp: 14919
Ion Ratio Lower Upper
75 100
53 104.4 66.8 100.2#
89 53.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.002 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 91 Resp: 228302
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.769 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

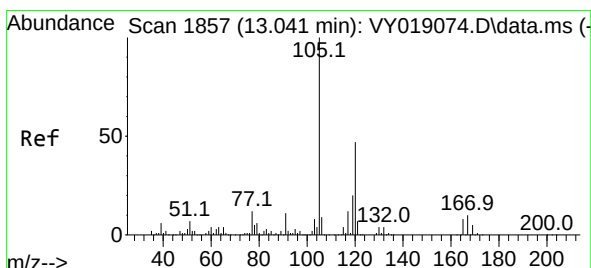
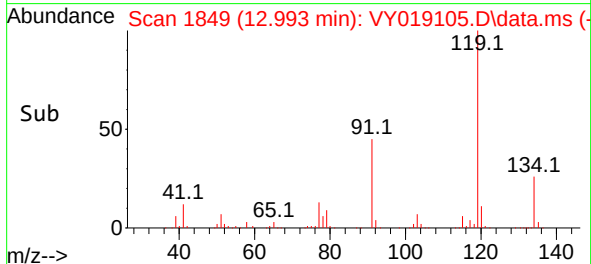
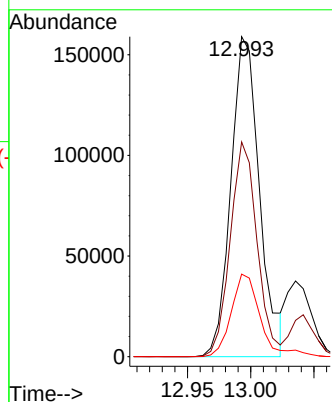
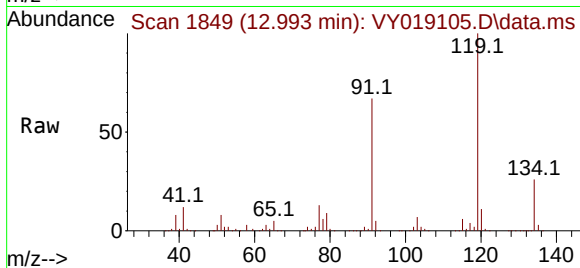
Tgt Ion:119 Resp: 250099

Ion Ratio Lower Upper

119 100

91 63.1 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.889 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019105.D

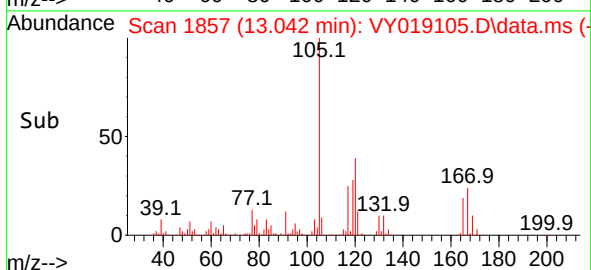
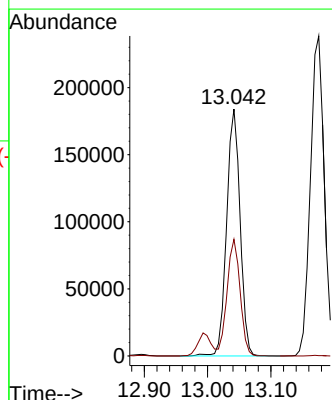
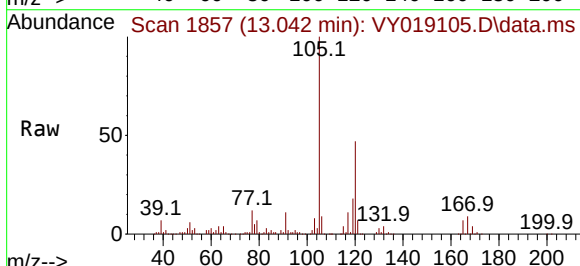
Acq: 16 Aug 2024 20:03

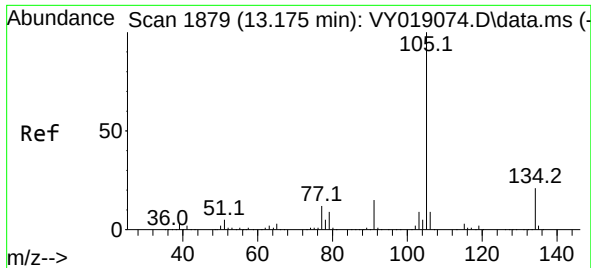
Tgt Ion:105 Resp: 270554

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6

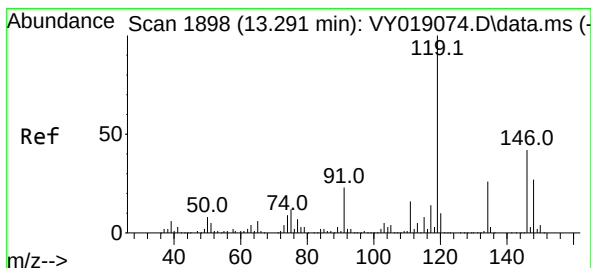
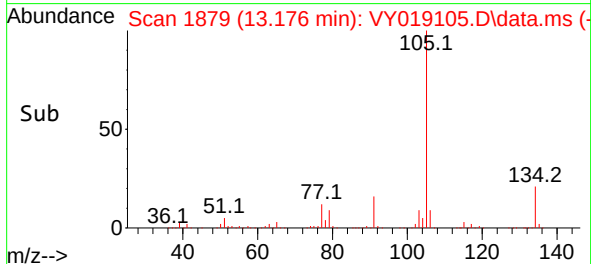
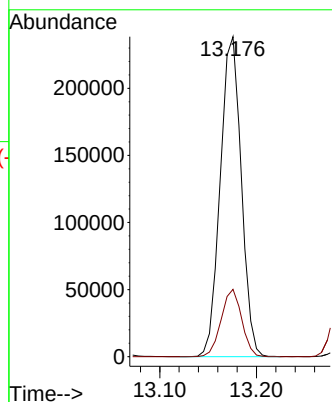
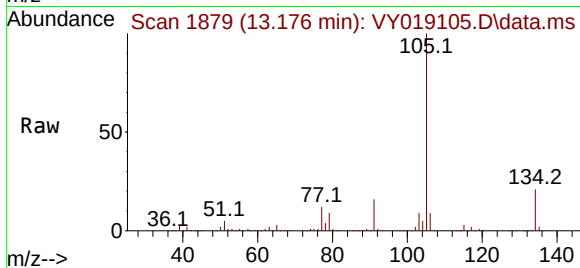




#85
 sec-Butylbenzene
 Concen: 50.066 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

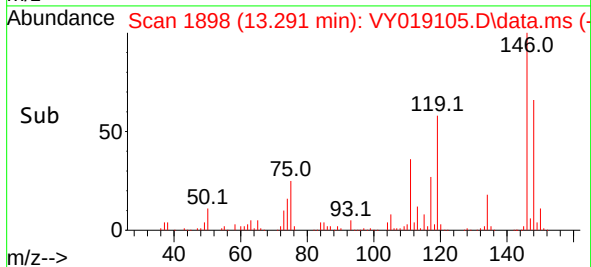
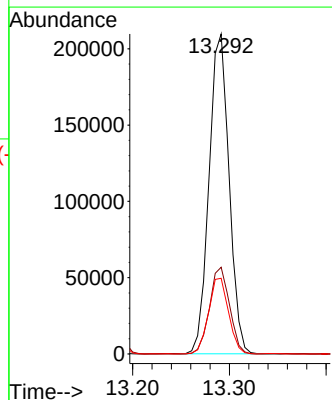
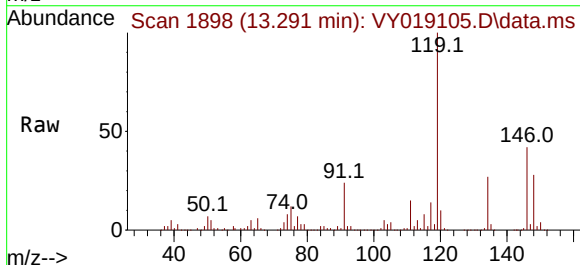
Instrument :
 MSVOA_Y
 ClientSampleId :

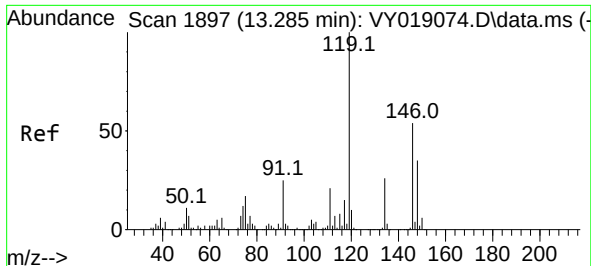
Tgt Ion:105 Resp: 359413
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.234 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019105.D
 Acq: 16 Aug 2024 20:03

Tgt Ion:119 Resp: 302111
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 23.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.218 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

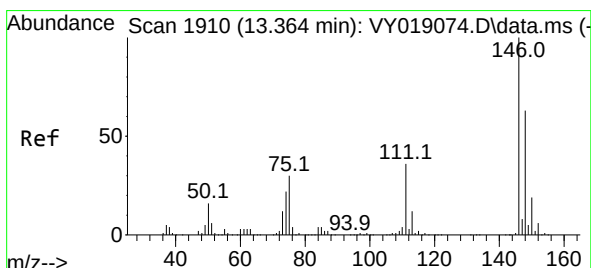
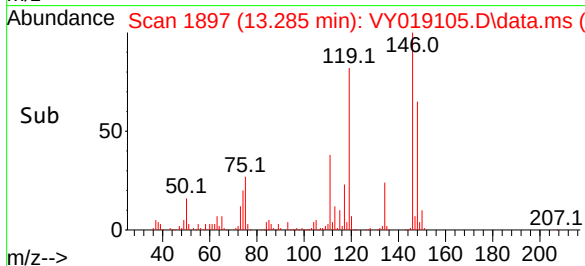
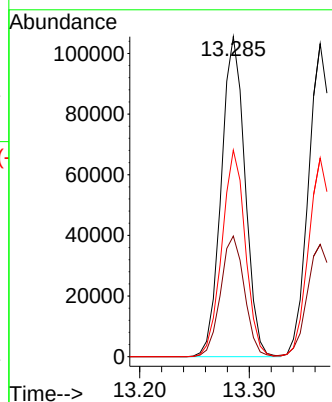
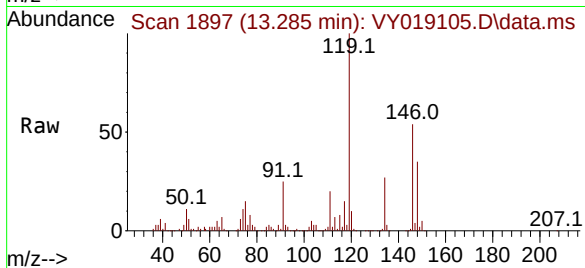
Tgt Ion:146 Resp: 158845

Ion Ratio Lower Upper

146 100

111 37.8 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.407 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

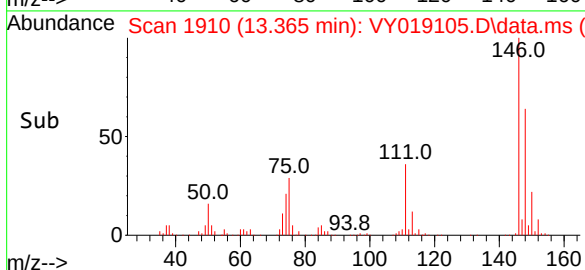
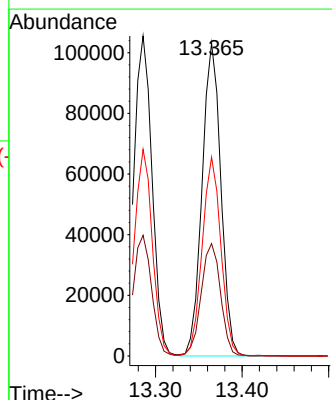
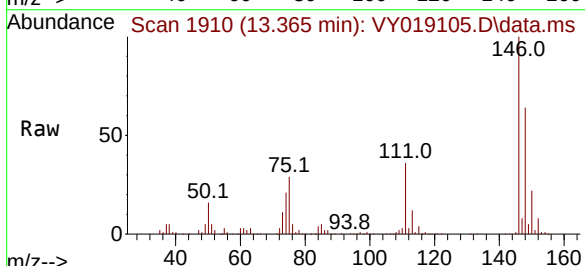
Tgt Ion:146 Resp: 155397

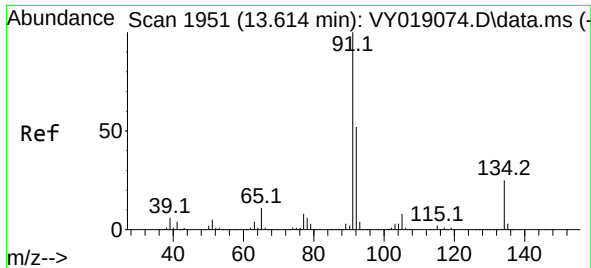
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.4

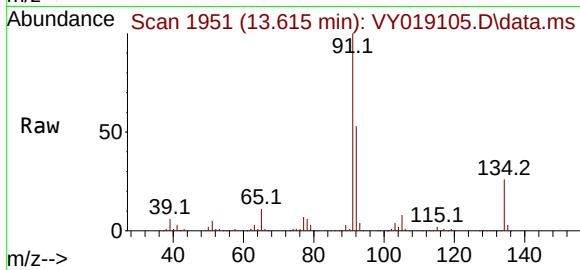
148 63.3 32.4 97.2



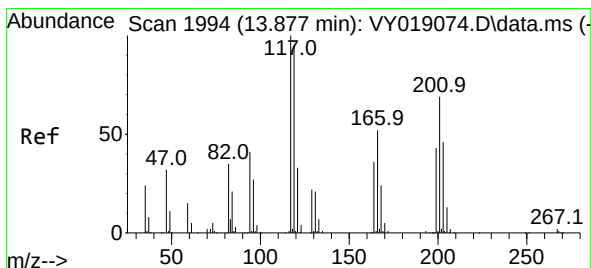
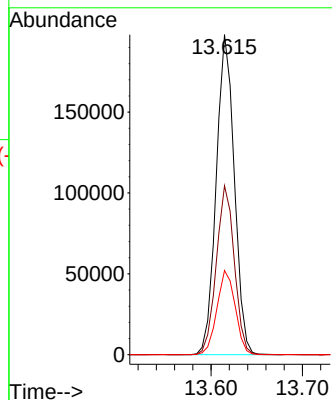
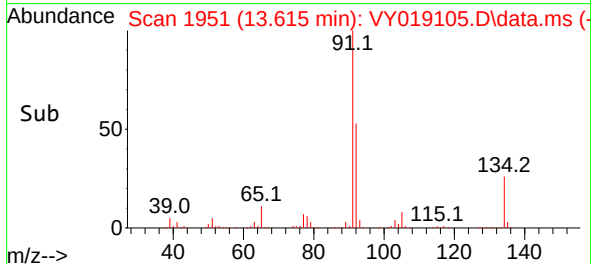


#89
n-Butylbenzene
Concen: 50.651 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :

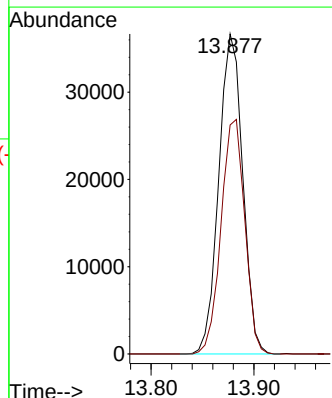
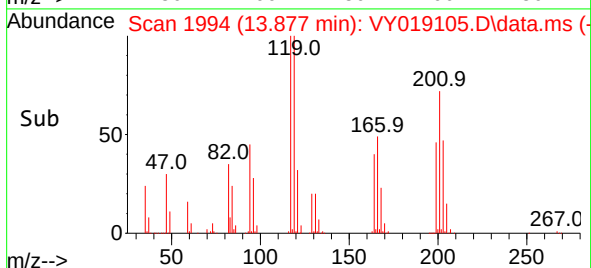
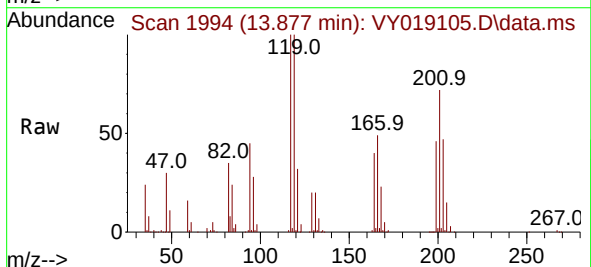


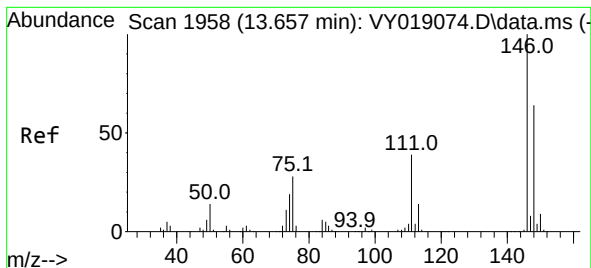
Tgt Ion: 91 Resp: 272303
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 26.6 12.9 38.7



#90
Hexachloroethane
Concen: 50.934 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

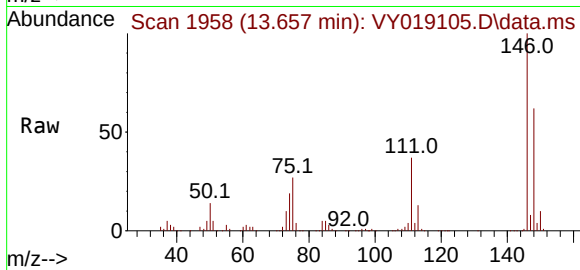
Tgt Ion: 117 Resp: 59198
Ion Ratio Lower Upper
117 100
201 72.8 37.4 112.2



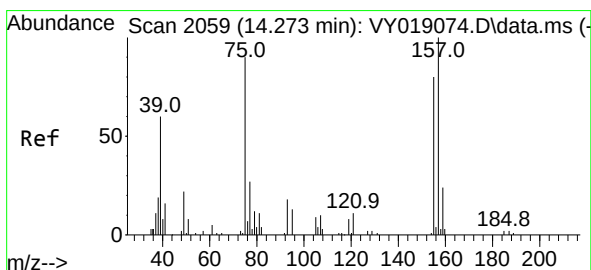
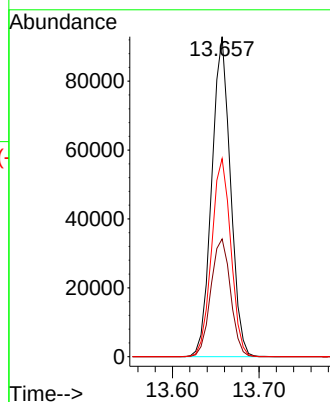
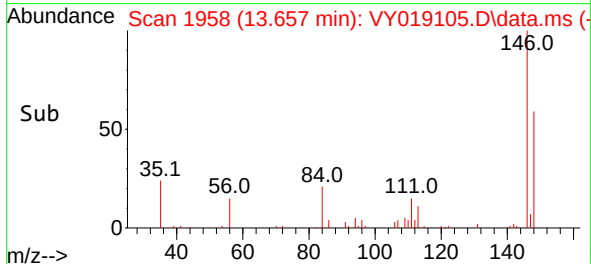


#91
1,2-Dichlorobenzene
Concen: 51.128 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :

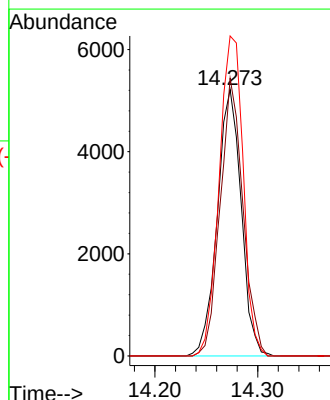
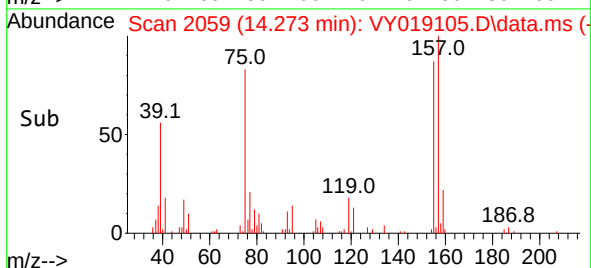
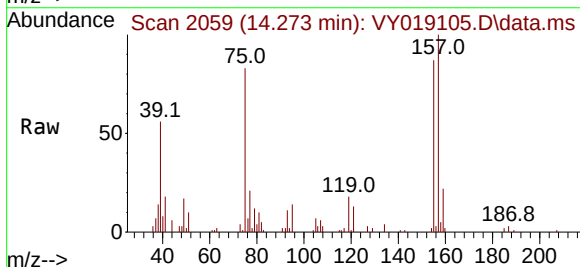


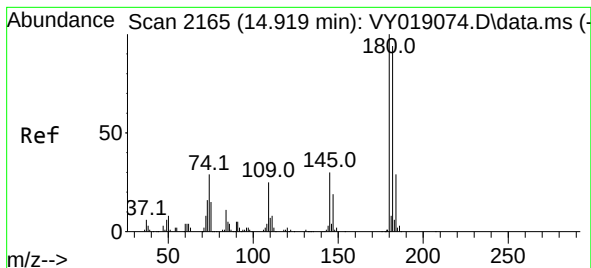
Tgt Ion:146 Resp: 139459
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.7
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.028 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019105.D
Acq: 16 Aug 2024 20:03

Tgt Ion: 75 Resp: 8408
Ion Ratio Lower Upper
75 100
155 99.2 48.6 145.8
157 120.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.668 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

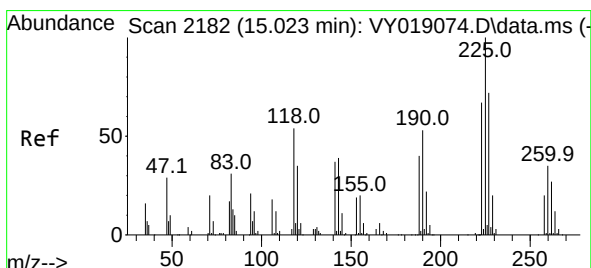
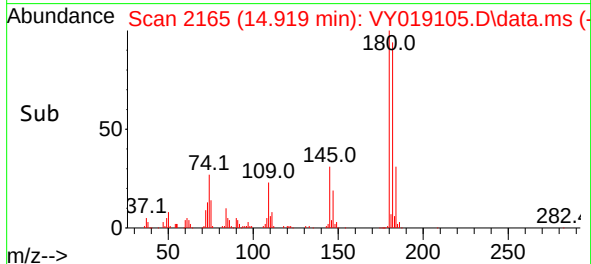
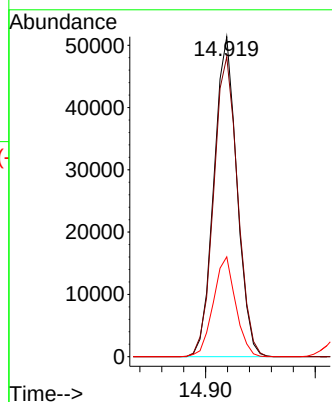
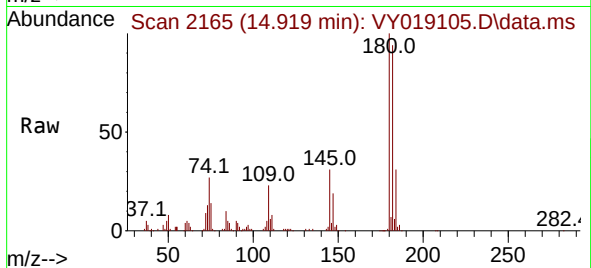
Tgt Ion:180 Resp: 74862

Ion Ratio Lower Upper

180 100

182 97.6 47.9 143.8

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.646 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

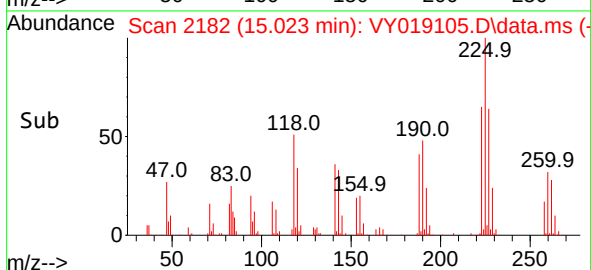
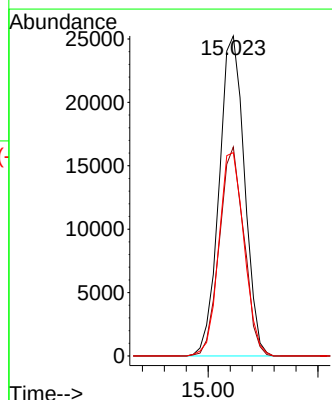
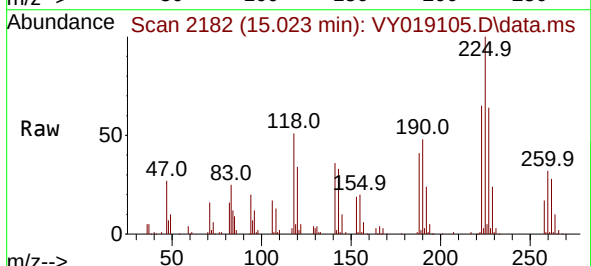
Tgt Ion:225 Resp: 40578

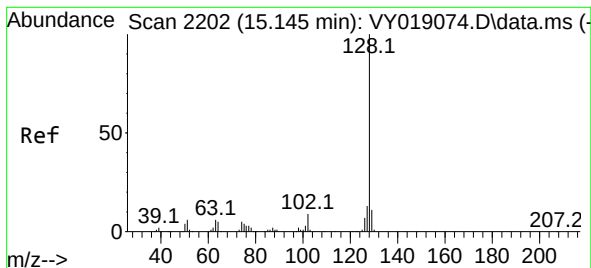
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 51.839 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

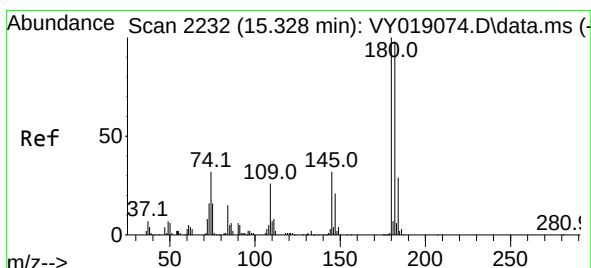
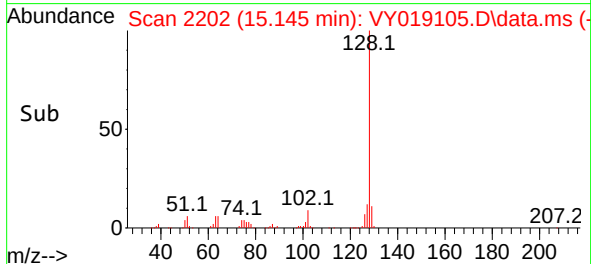
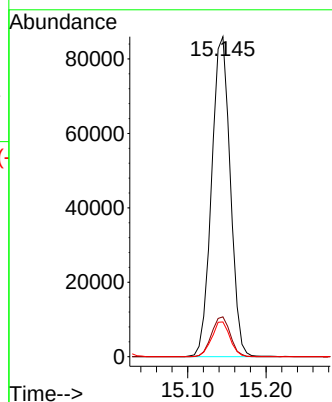
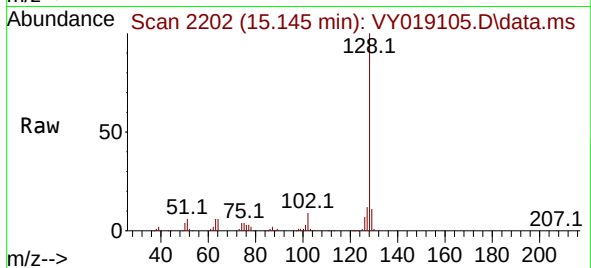
Tgt Ion:128 Resp: 142311

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.713 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019105.D

Acq: 16 Aug 2024 20:03

Tgt Ion:180 Resp: 65793

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 32.4 15.4 46.1

