

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019187.D
 Acq On : 21 Aug 2024 22:19
 Operator : SY/MD
 Sample : P3643-02MS
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:20:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	36140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	45194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	4437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	28464	78.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.140%
35) Dibromofluoromethane	7.622	113	26482	89.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	179.240%#
50) Toluene-d8	10.103	98	46175	43.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.840%
62) 4-Bromofluorobenzene	12.407	95	5069	13.983	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	27.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35641	134.417	ug/l	99
3) Chloromethane	2.062	50	56024	117.222	ug/l	98
4) Vinyl Chloride	2.202	62	61156	103.593	ug/l	99
5) Bromomethane	2.592	94	19049	53.229	ug/l	98
6) Chloroethane	2.732	64	38055	117.145	ug/l	97
7) Trichlorofluoromethane	3.049	101	88624	99.294	ug/l	95
8) Diethyl Ether	3.446	74	20599	106.923	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.805	101	42881	108.069	ug/l	98
10) Methyl Iodide	4.000	142	6729	17.301	ug/l #	89
11) Tert butyl alcohol	4.860	59	11797	408.420	ug/l #	96
12) 1,1-Dichloroethene	3.787	96	29744	82.508	ug/l	96
13) Acrolein	3.818	56	24	Below Cal	#	15
14) Allyl chloride	4.372	41	10949	22.844	ug/l #	92
15) Acrylonitrile	5.049	53	32830	416.473	ug/l	96
16) Acetone	3.866	43	59926	891.955	ug/l #	80
17) Carbon Disulfide	4.098	76	20802	20.458	ug/l	99
18) Methyl Acetate	4.378	43	58843	285.372	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	104074	119.079	ug/l	98
20) Methylene Chloride	4.610	84	47832	131.257	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	19655	48.802	ug/l	93
22) Diisopropyl ether	6.012	45	112226	102.281	ug/l	99
23) Vinyl Acetate	6.012	43	62050	71.429	ug/l #	69
24) 1,1-Dichloroethane	5.903	63	60691	90.447	ug/l	100
25) 2-Butanone	6.884	43	51703	477.849	ug/l	92
26) 2,2-Dichloropropane	6.884	77	29220	53.775	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	29596	62.442	ug/l	99
28) Bromochloromethane	7.238	49	22469	79.826	ug/l	97
29) Tetrahydrofuran	7.256	42	34564	496.941	ug/l	92
30) Chloroform	7.414	83	59758	79.923	ug/l	96
31) Cyclohexane	7.695	56	43235	86.561	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	51570	78.482	ug/l	97
36) 1,1-Dichloropropene	7.829	75	23606	58.174	ug/l	99
37) Ethyl Acetate	6.884	43	51703	287.589	ug/l #	8
38) Carbon Tetrachloride	7.811	117	33793	71.861	ug/l	97
39) Methylcyclohexane	9.103	83	35003	67.219	ug/l	94
40) Benzene	8.073	78	97561	78.393	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	29528	300.919	ug/l #	36
42) 1,2-Dichloroethane	8.152	62	34904	103.859	ug/l	96
43) Isopropyl Acetate	8.195	43	4420	12.157	ug/l #	57
44) Trichloroethene	8.859	130	16042	46.197	ug/l	94
45) 1,2-Dichloropropane	9.140	63	25234	91.006	ug/l	91
46) Dibromomethane	9.231	93	15471	86.025	ug/l	97
47) Bromodichloromethane	9.420	83	26301	59.609	ug/l	97
48) Methyl methacrylate	9.213	41	15011	92.639	ug/l #	88
49) 1,4-Dioxane	9.225	88	5603	2571.895	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	89434	463.443	ug/l	92
52) Toluene	10.170	92	31975	39.141	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	6701	18.308	ug/l #	83
54) cis-1,3-Dichloropropene	9.853	75	10458	23.759	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	14913	64.414	ug/l	99
56) Ethyl methacrylate	10.438	69	1754	5.788	ug/l #	78
57) 1,3-Dichloropropane	10.719	76	22209	58.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	4792	33.333	ug/l	99
59) 2-Hexanone	10.761	43	35154	265.155	ug/l	92
60) Dibromochloromethane	10.914	129	11529	36.562	ug/l	99
61) 1,2-Dibromoethane	11.011	107	10289	45.980	ug/l	98
64) Tetrachloroethene	10.646	164	9286	64.704	ug/l	93
65) Chlorobenzene	11.444	112	16417	43.423	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.517	131	13092	98.470	ug/l	95
67) Ethyl Benzene	11.517	91	33301	50.748	ug/l	97
68) m/p-Xylenes	11.627	106	22386	85.976	ug/l	96
69) o-Xylene	11.956	106	11648	48.308	ug/l	100
70) Styrene	11.969	104	4746	11.543	ug/l #	69
71) Bromoform	12.139	173	4955	65.196	ug/l #	96
73) Isopropylbenzene	12.255	105	26652	78.371	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	11066	182.778	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	9644	220.400	ug/l #	100
77) Bromobenzene	12.536	156	4825	59.078	ug/l	83
78) n-propylbenzene	12.596	91	21767	53.542	ug/l	98
79) 2-Chlorotoluene	12.682	91	11725	51.443	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	14963	54.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	337	19.020	ug/l #	78
82) 4-Chlorotoluene	12.779	91	9300	39.220	ug/l	96
83) tert-Butylbenzene	12.999	119	16733	65.403	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	12786	46.307	ug/l	97
85) sec-Butylbenzene	13.176	105	16216	43.494	ug/l	98
86) p-Isopropyltoluene	13.291	119	12201	39.841	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	4428	27.492	ug/l	91
88) 1,4-Dichlorobenzene	13.371	146	4071	25.427	ug/l	91
89) n-Butylbenzene	13.621	91	7067	25.311	ug/l	96
90) Hexachloroethane	13.883	117	3124	51.755	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	4416	31.173	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	980	110.032	ug/l	83
93) 1,2,4-Trichlorobenzene	14.925	180	888	11.116	ug/l	86
94) Hexachlorobutadiene	15.029	225	968	23.263	ug/l	85
95) Naphthalene	15.151	128	1359	9.532	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.334	180	850	12.615	ug/l	90

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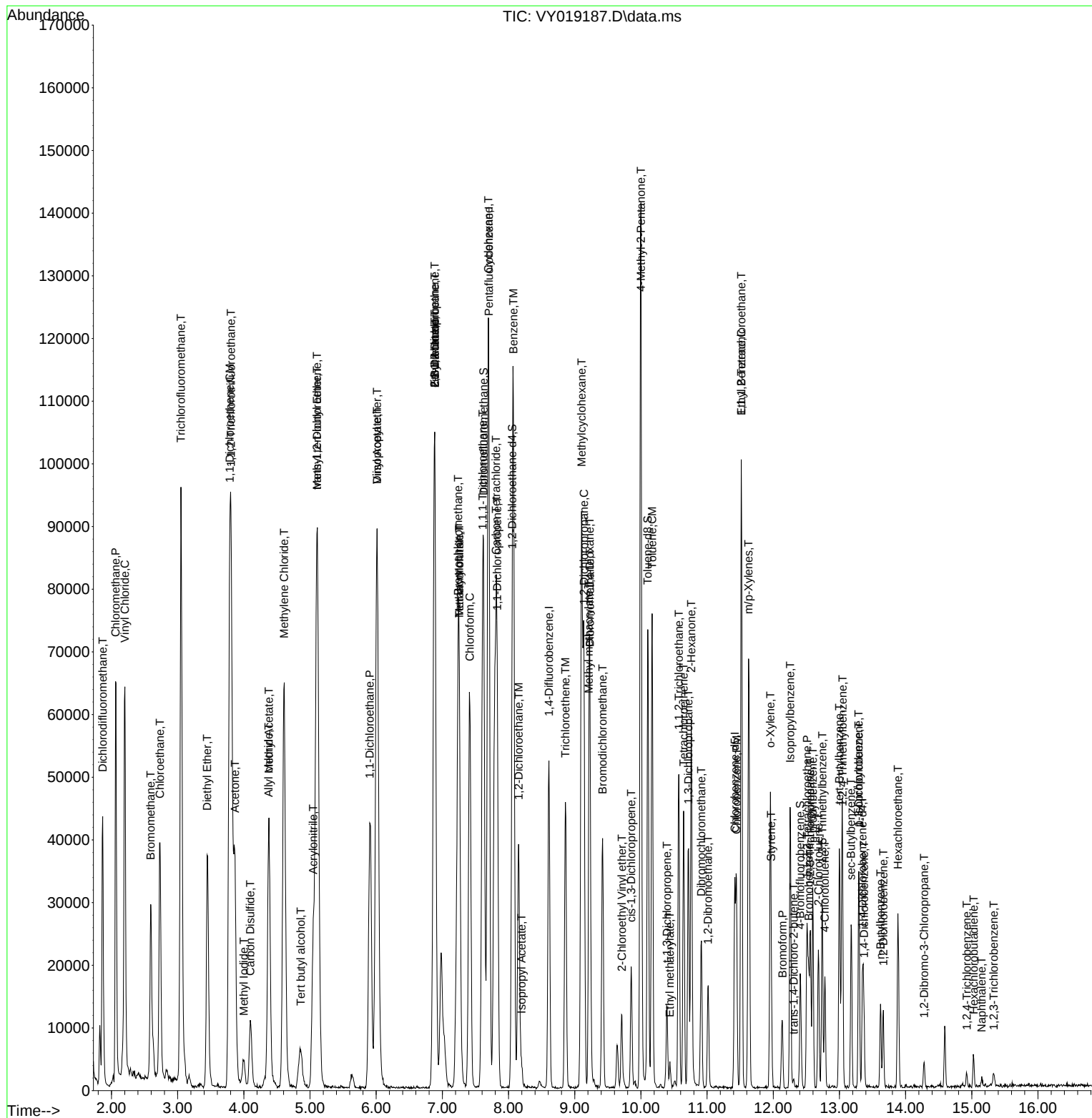
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

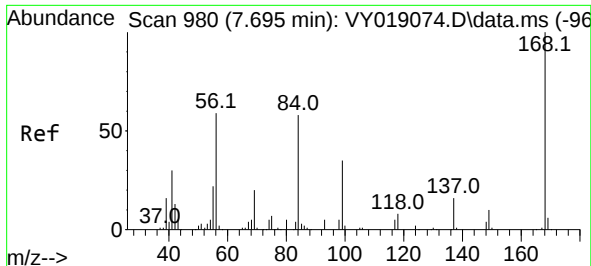
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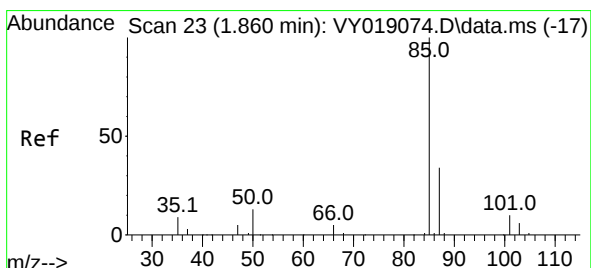
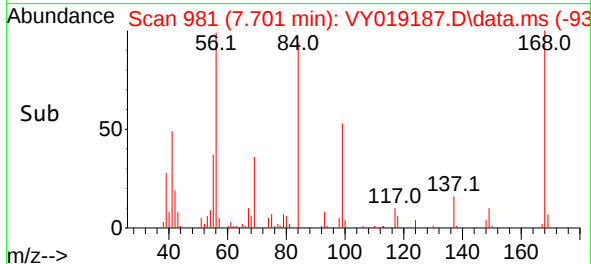
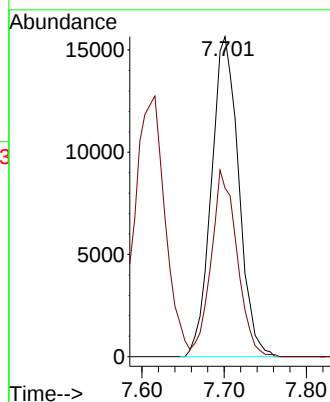
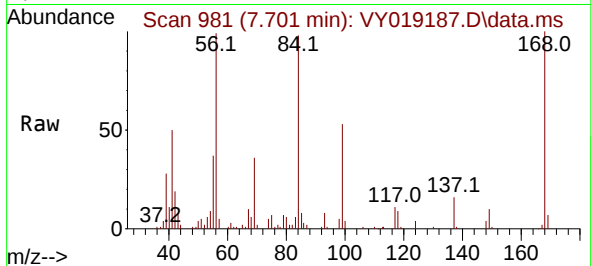




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
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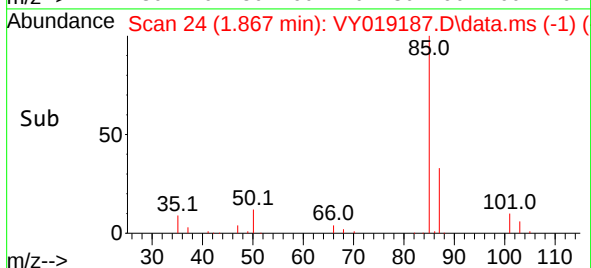
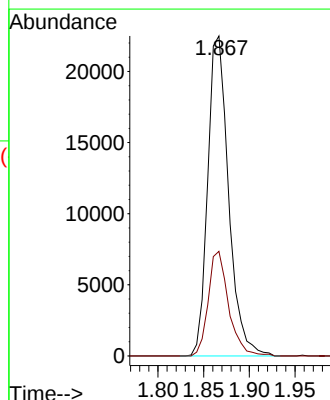
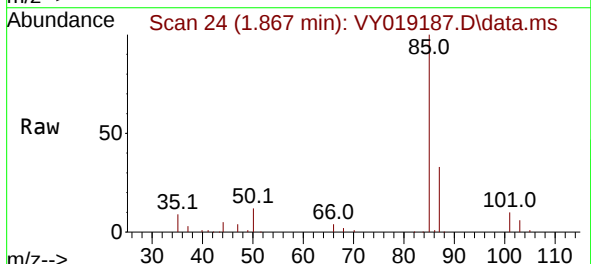
Instrument :
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ClientSampleId :

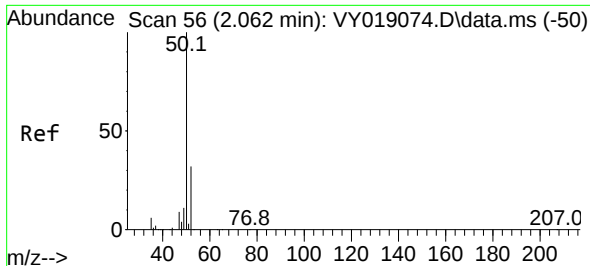
Tgt Ion:168 Resp: 36140
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 134.417 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 85 Resp: 35641
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

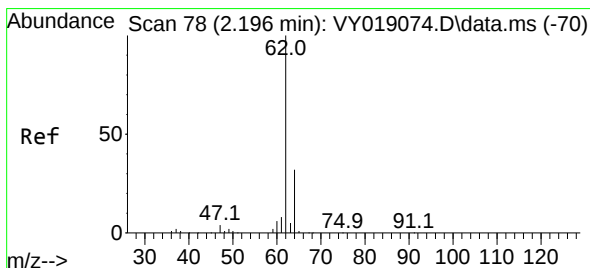
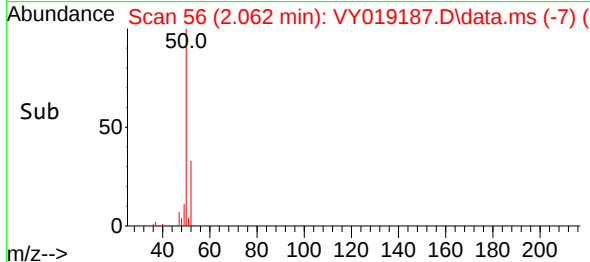
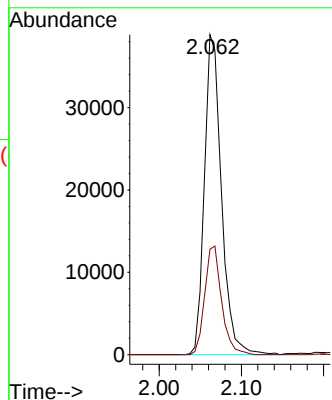
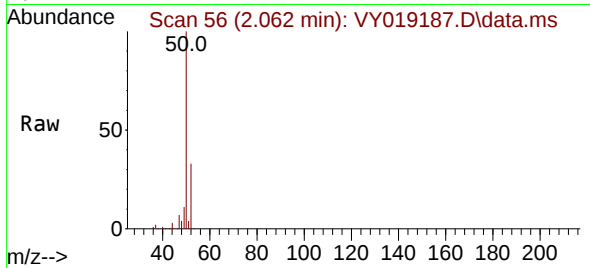




#3
Chloromethane
Concen: 117.222 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

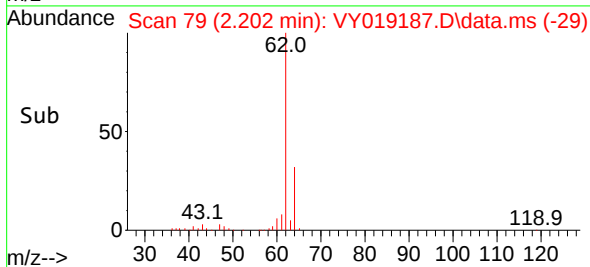
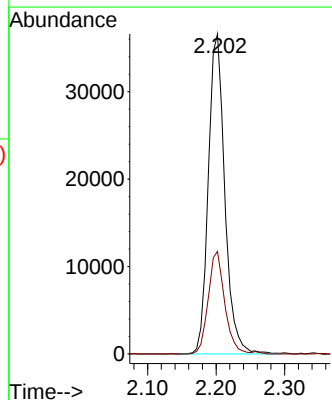
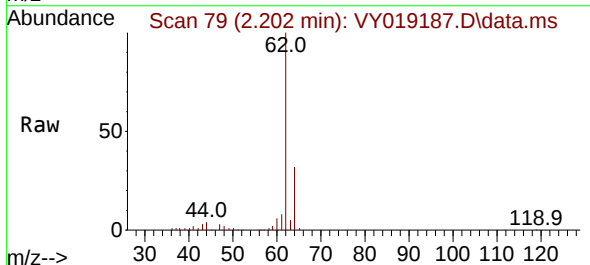
Instrument :
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ClientSampleId :

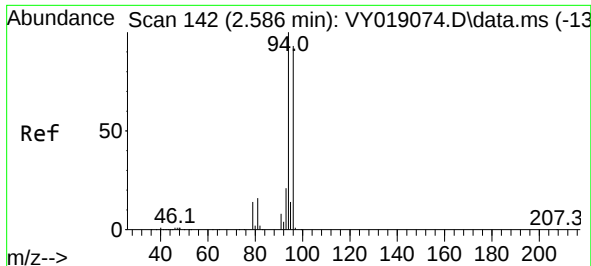
Tgt Ion: 50 Resp: 56024
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 103.593 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 62 Resp: 61156
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

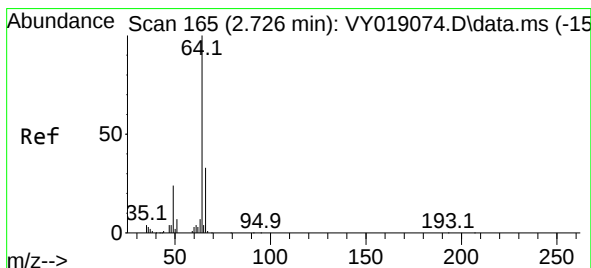
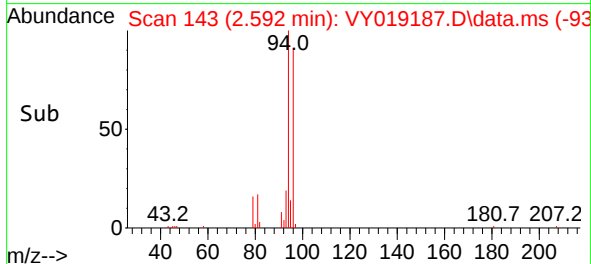
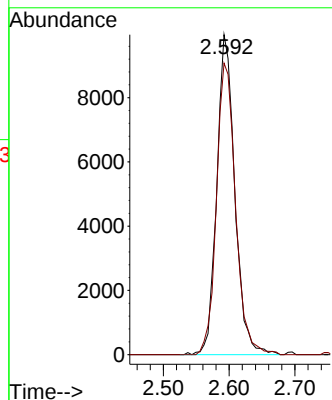
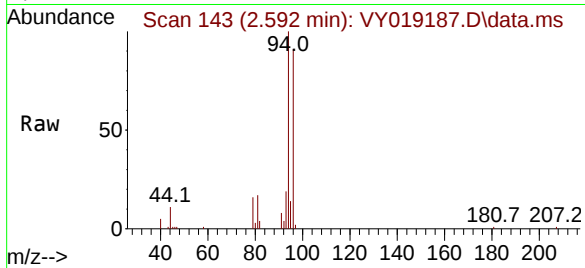




#5
Bromomethane
Concen: 53.229 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019187.D
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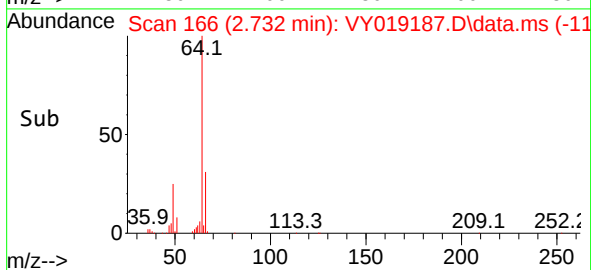
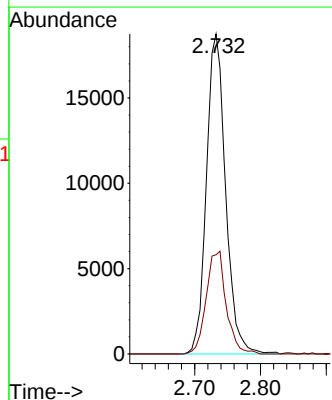
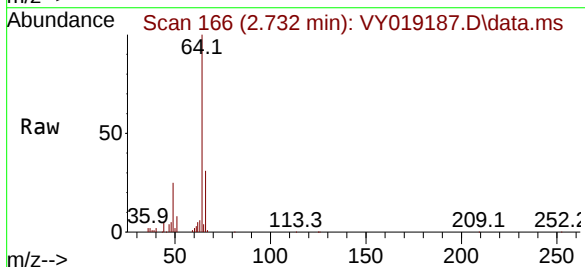
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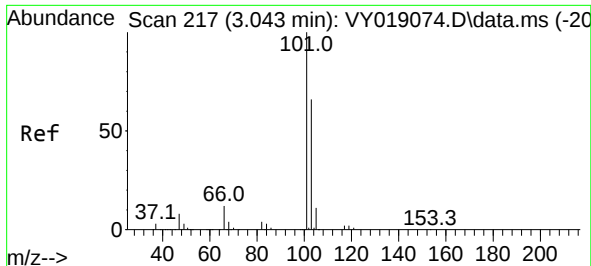
Tgt Ion: 94 Resp: 19049
Ion Ratio Lower Upper
94 100
96 91.1 74.1 111.1



#6
Chloroethane
Concen: 117.145 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 64 Resp: 38055
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

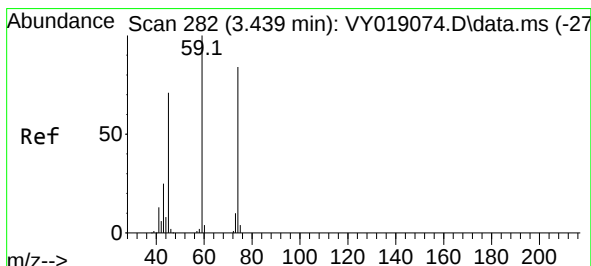
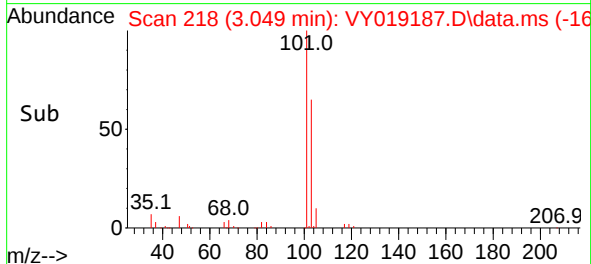
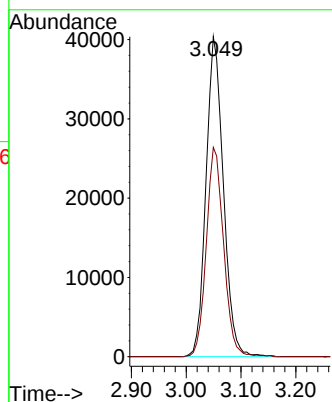
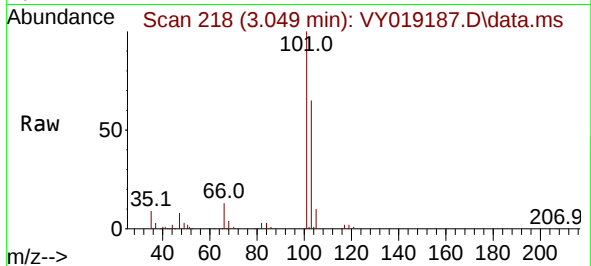




#7
 Trichlorofluoromethane
 Concen: 99.294 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019187.D
 Acq: 21 Aug 2024 22:19

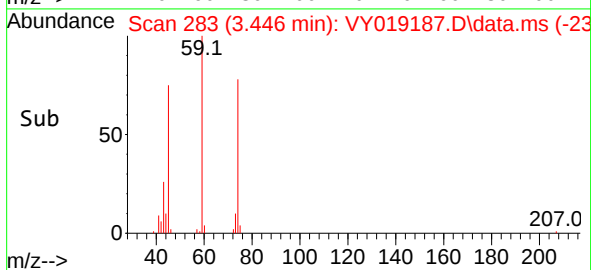
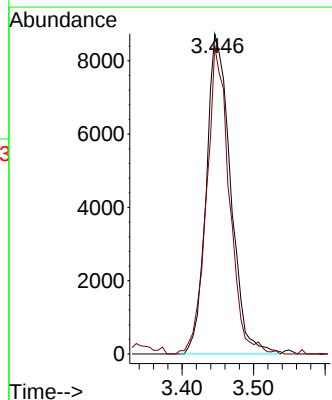
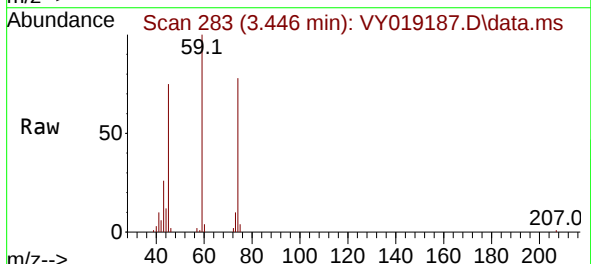
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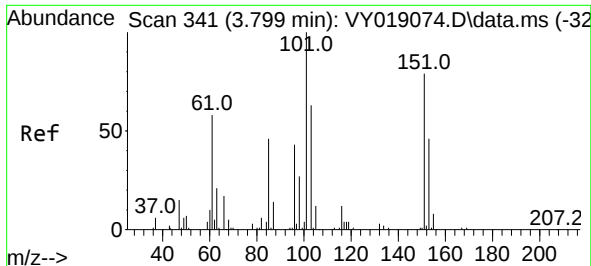
Tgt Ion:101 Resp: 88624
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 106.923 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019187.D
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Tgt Ion: 74 Resp: 20599
 Ion Ratio Lower Upper
 74 100
 45 90.7 41.3 124.1

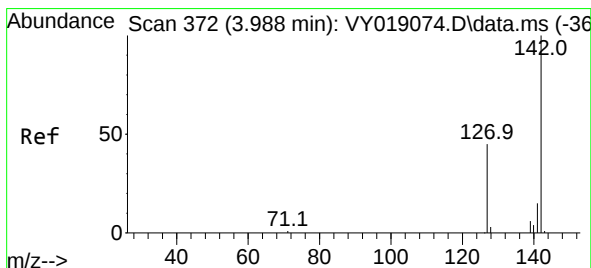
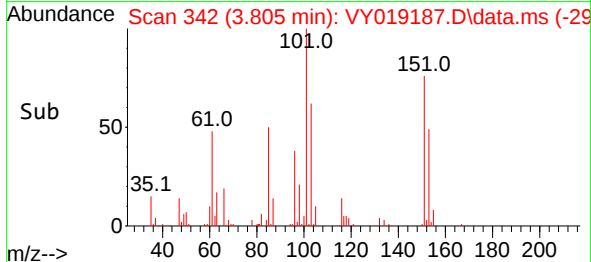
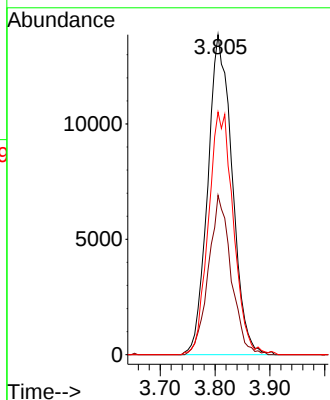
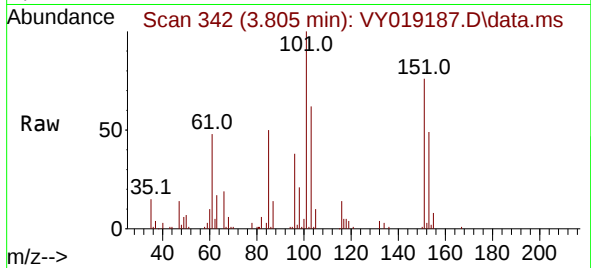




#9
1,1,2-Trichlorotrifluoroethane
Concen: 108.069 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

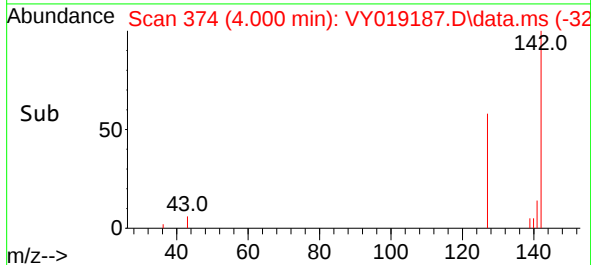
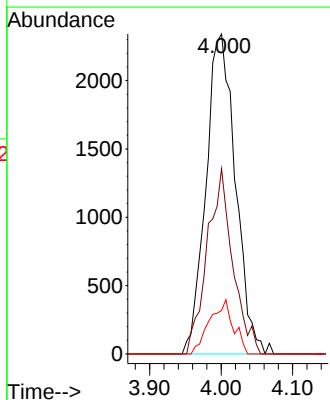
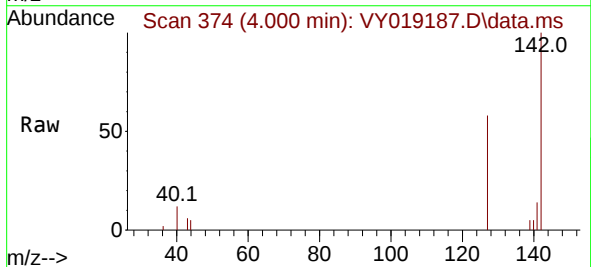
Instrument :
MSVOA_Y
ClientSampleId :

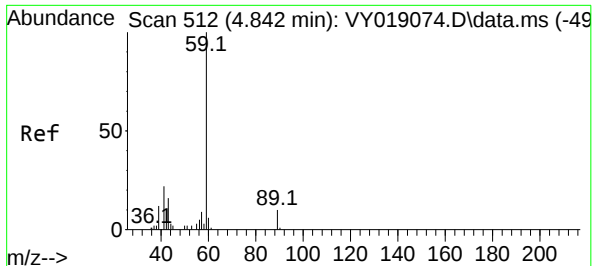
Tgt Ion:101 Resp: 42881
Ion Ratio Lower Upper
101 100
85 46.1 34.5 51.7
151 77.9 61.7 92.5



#10
Methyl Iodide
Concen: 17.301 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion:142 Resp: 6729
Ion Ratio Lower Upper
142 100
127 50.1 32.8 49.2#
141 13.6 11.4 17.2

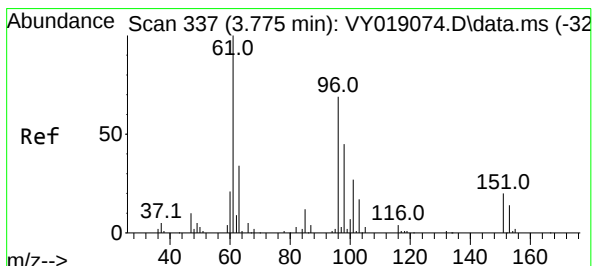
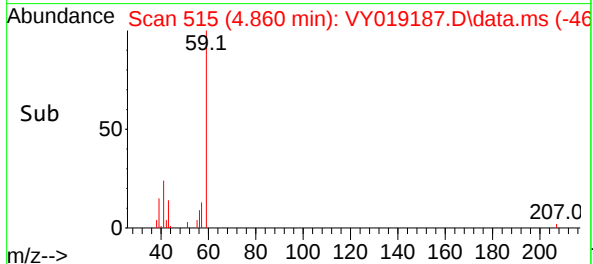
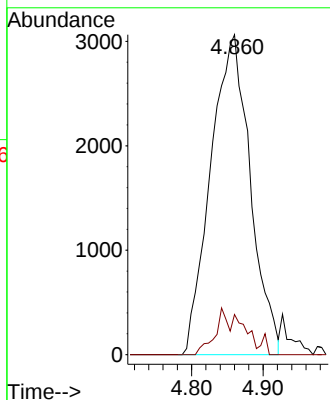
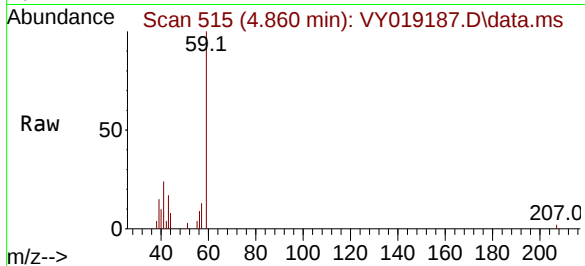




#11
Tert butyl alcohol
Concen: 408.420 ug/l
RT: 4.860 min Scan# 512
Delta R.T. 0.018 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

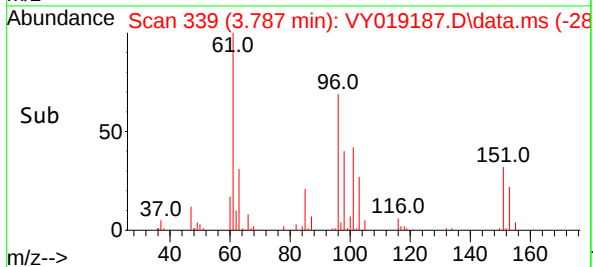
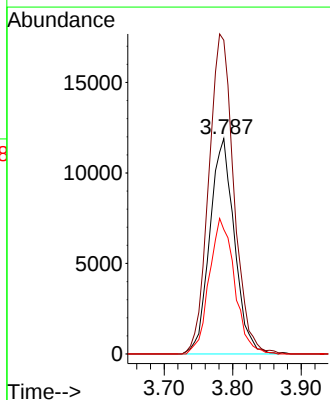
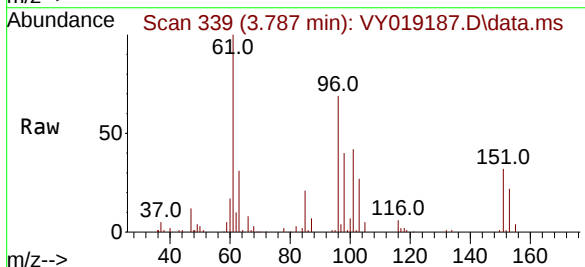
Instrument :
MSVOA_Y
ClientSampleId :

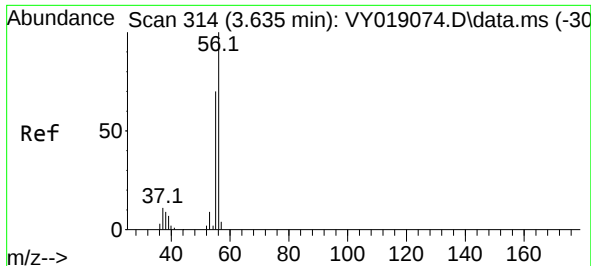
Tgt Ion: 59 Resp: 11797
Ion Ratio Lower Upper
59 100
57 5.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 82.508 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 96 Resp: 29744
Ion Ratio Lower Upper
96 100
61 145.7 114.6 171.8
98 57.8 50.8 76.2





#13

Acrolein

Concen: Below Cal

RT: 3.818 min Scan# 344

Delta R.T. 0.183 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

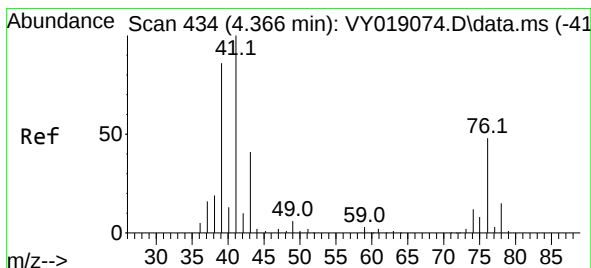
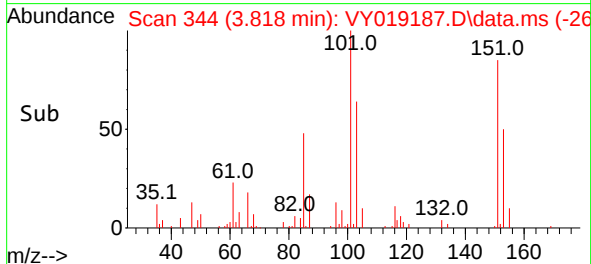
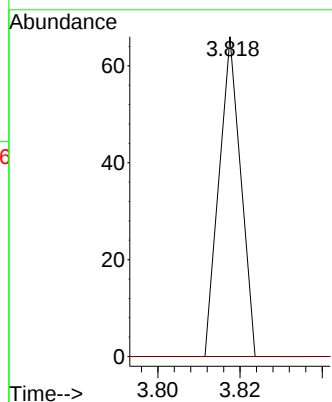
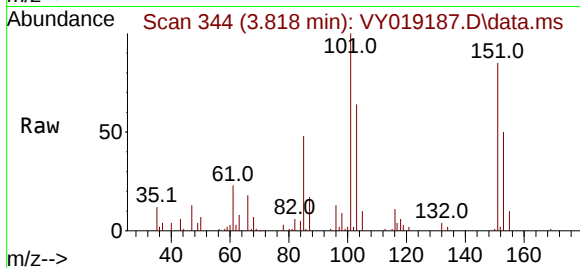
ClientSampleId :

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#14

Allyl chloride

Concen: 22.844 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

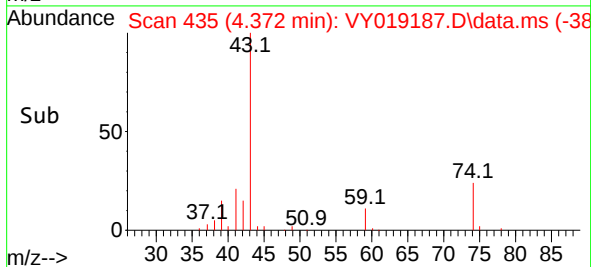
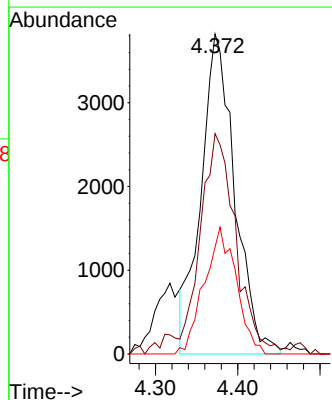
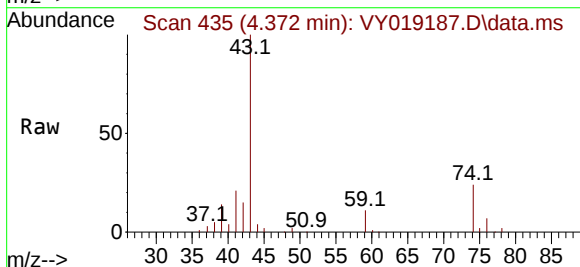
Tgt Ion: 41 Resp: 10949

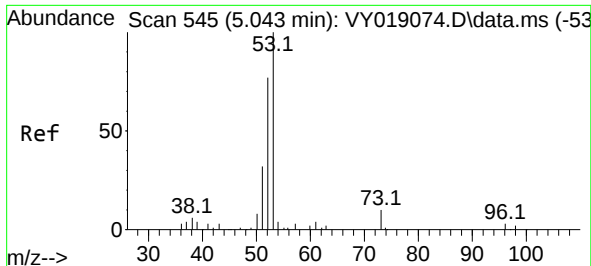
Ion Ratio Lower Upper

41 100

39 71.4 58.3 87.5

76 37.4 39.0 58.6#

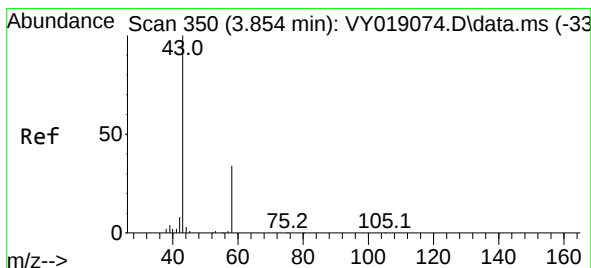
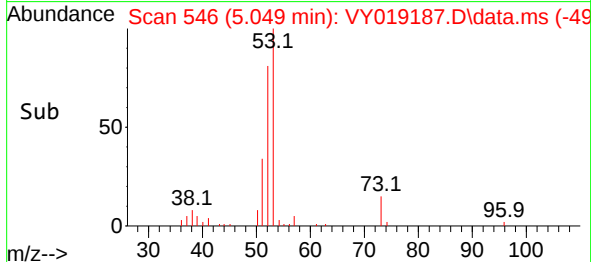
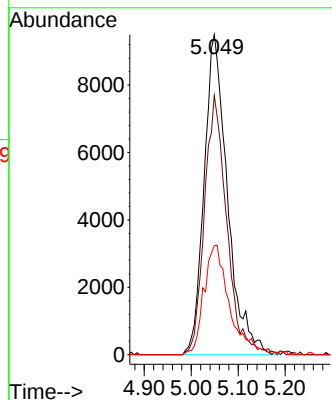
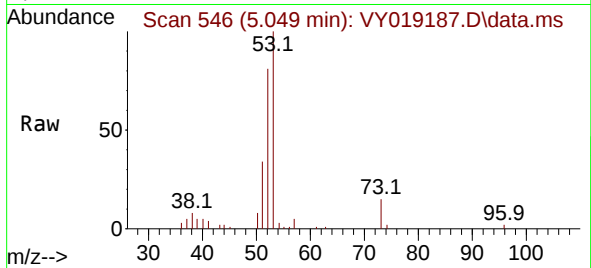




#15
Acrylonitrile
Concen: 416.473 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

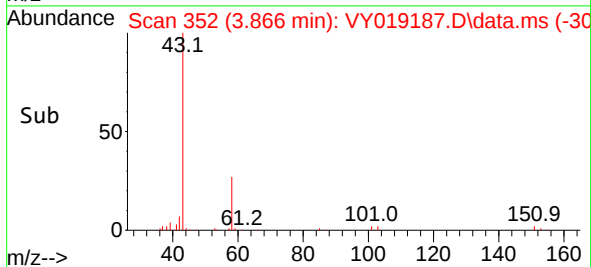
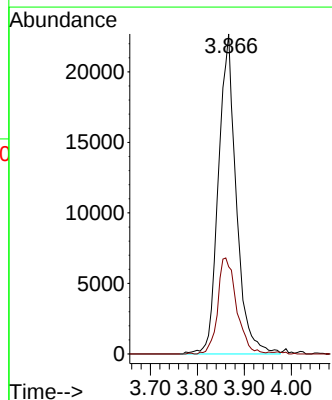
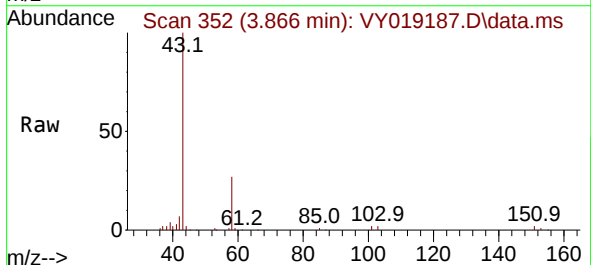
Instrument :
MSVOA_Y
ClientSampleId :

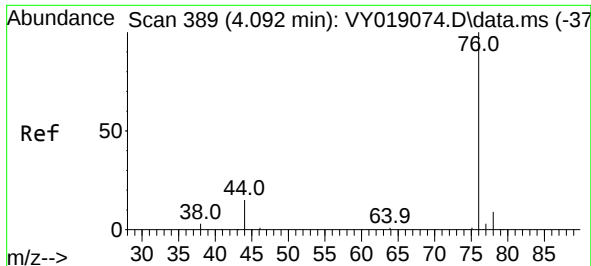
Tgt Ion: 53 Resp: 32830
Ion Ratio Lower Upper
53 100
52 77.0 64.7 97.1
51 37.1 28.4 42.6



#16
Acetone
Concen: 891.955 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

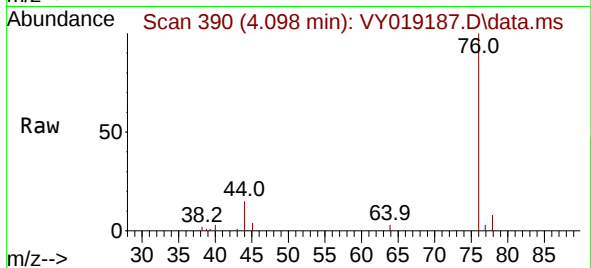
Tgt Ion: 43 Resp: 59926
Ion Ratio Lower Upper
43 100
58 27.2 31.7 47.5#



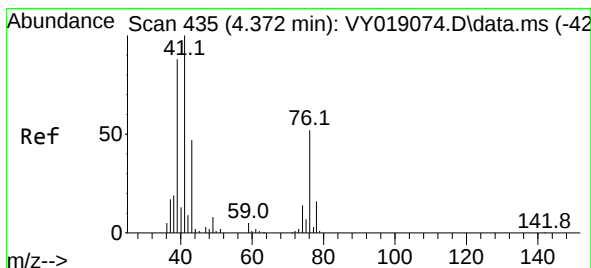
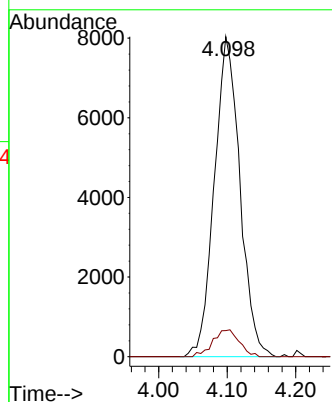
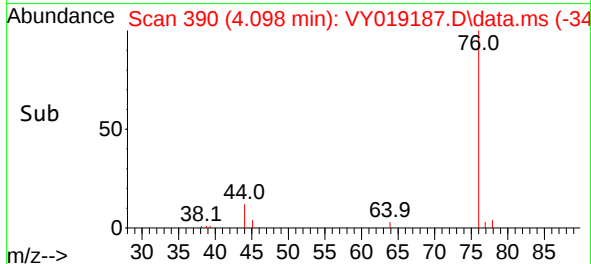


#17
Carbon Disulfide
Concen: 20.458 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Instrument :
MSVOA_Y
ClientSampleId :

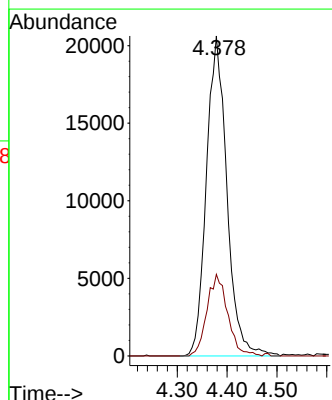
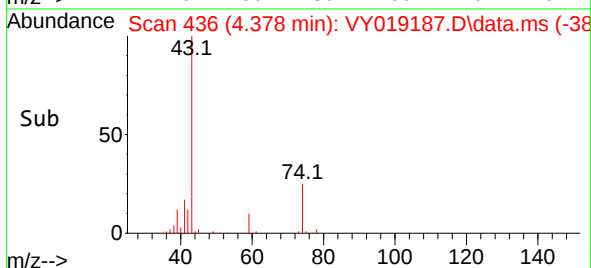
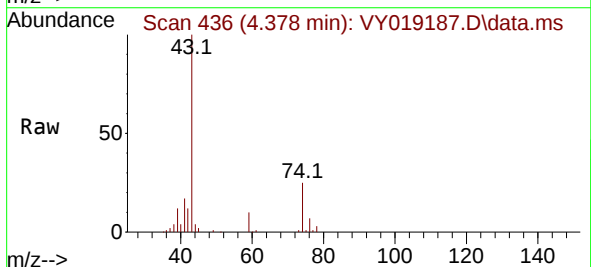


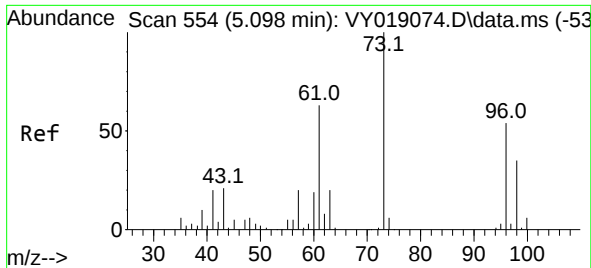
Tgt Ion: 76 Resp: 20802
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 285.372 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 43 Resp: 58843
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9

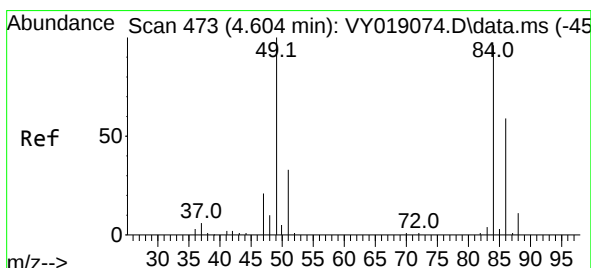
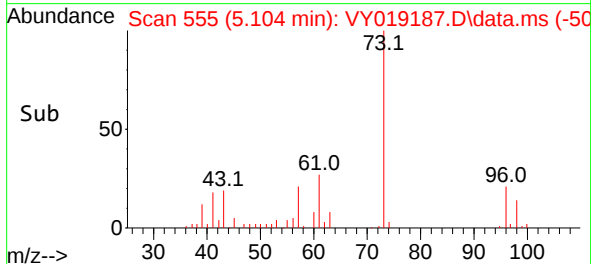
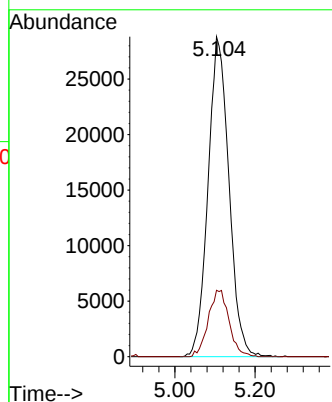
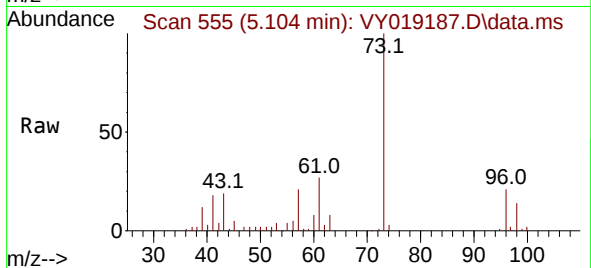




#19
Methyl tert-butyl Ether
Concen: 119.079 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

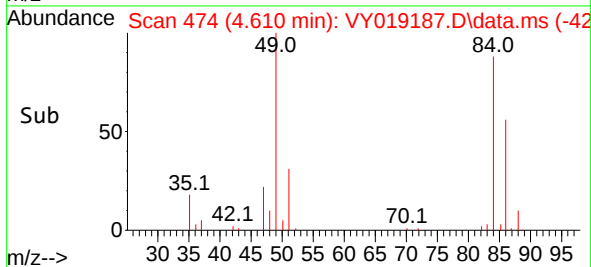
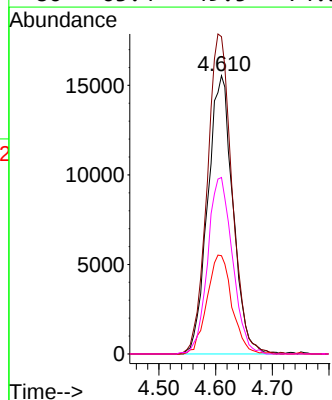
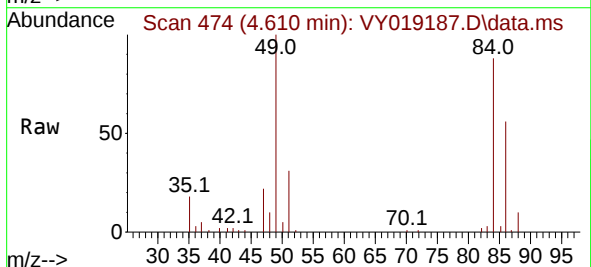
Instrument :
MSVOA_Y
ClientSampleId :

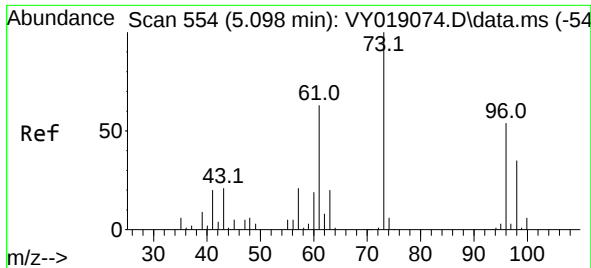
Tgt Ion: 73 Resp: 104074
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 131.257 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

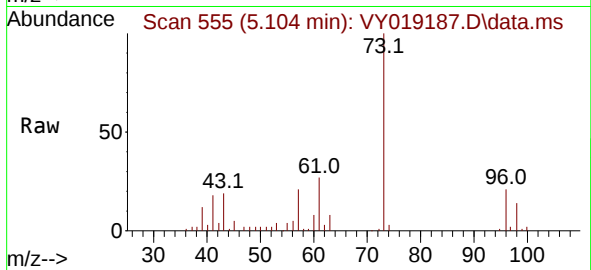
Tgt Ion: 84 Resp: 47832
Ion Ratio Lower Upper
84 100
49 114.1 84.4 126.6
51 35.3 26.0 39.0
86 63.4 49.5 74.3



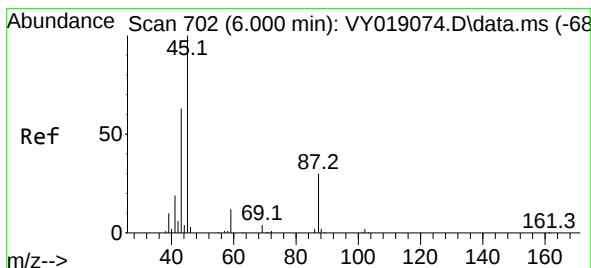
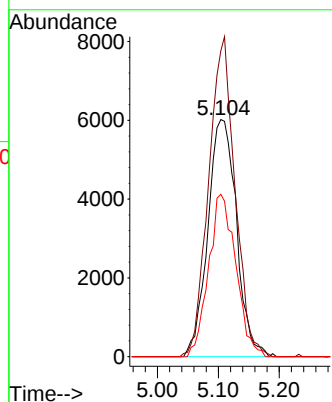
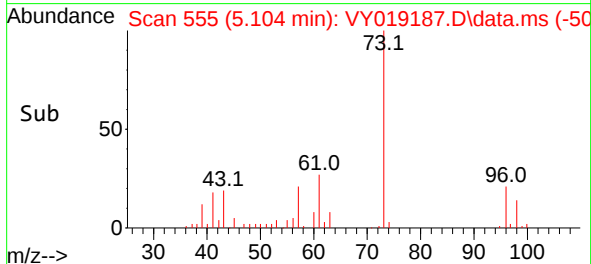


#21
trans-1,2-Dichloroethene
Concen: 48.802 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Instrument :
MSVOA_Y
ClientSampleId :

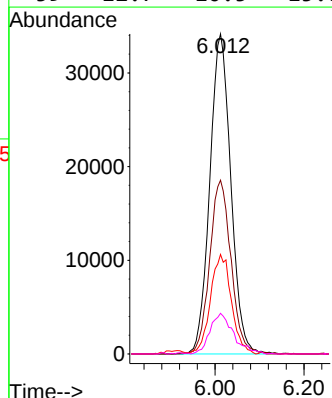
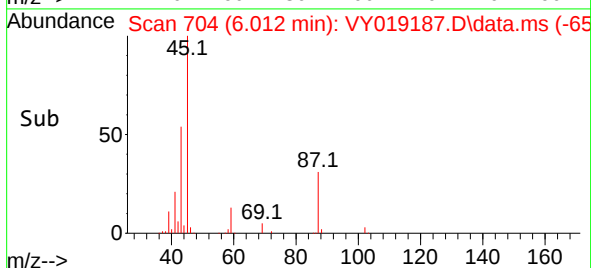
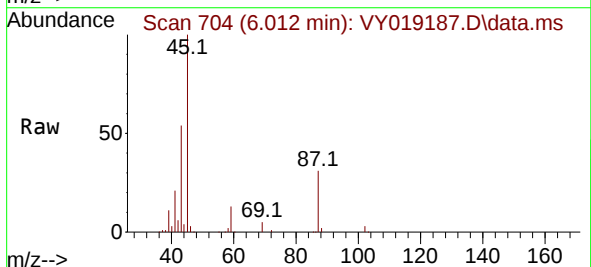


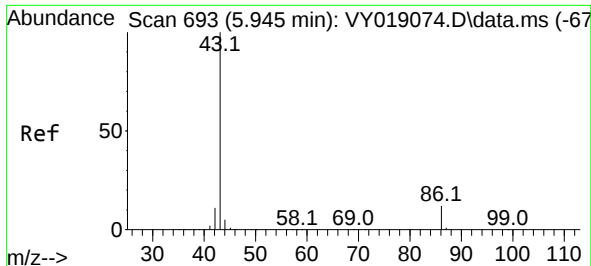
Tgt Ion: 96 Resp: 19655
Ion Ratio Lower Upper
96 100
61 129.1 97.5 146.3
98 68.5 50.5 75.7



#22
Diisopropyl ether
Concen: 102.281 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.012 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 45 Resp: 112226
Ion Ratio Lower Upper
45 100
43 54.3 42.2 63.2
87 31.1 25.0 37.6
59 12.7 10.5 15.7

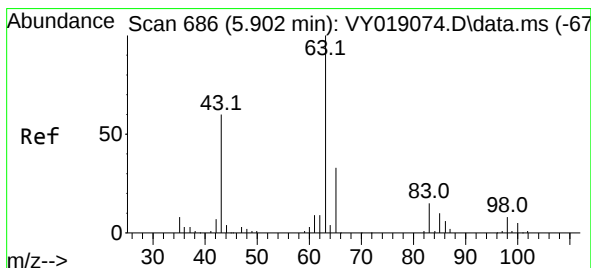
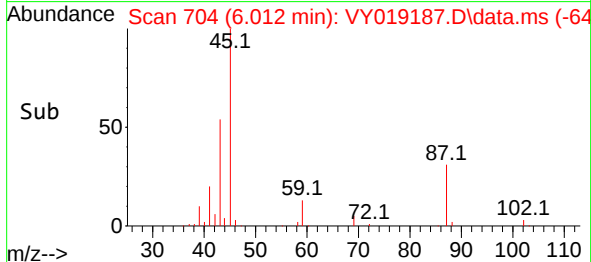
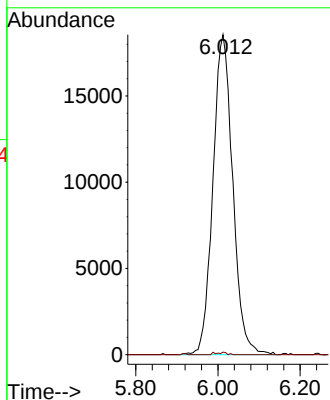
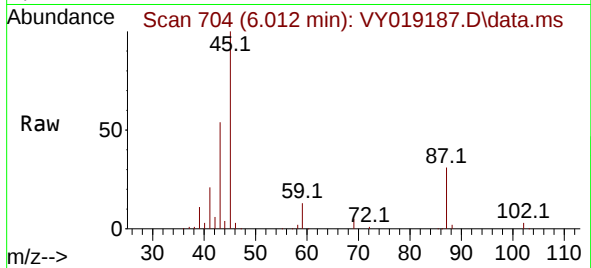




#23
 Vinyl Acetate
 Concen: 71.429 ug/l
 RT: 6.012 min Scan# 704
 Delta R.T. 0.067 min
 Lab File: VY019187.D
 Acq: 21 Aug 2024 22:19

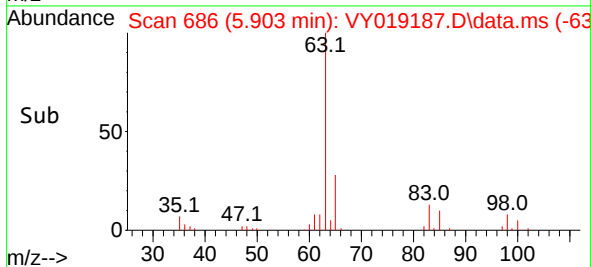
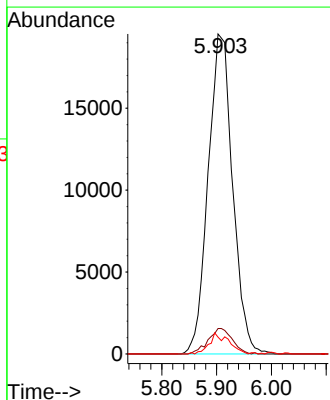
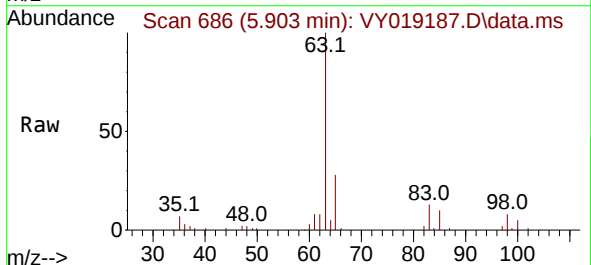
Instrument :
 MSVOA_Y
 ClientSampleId :

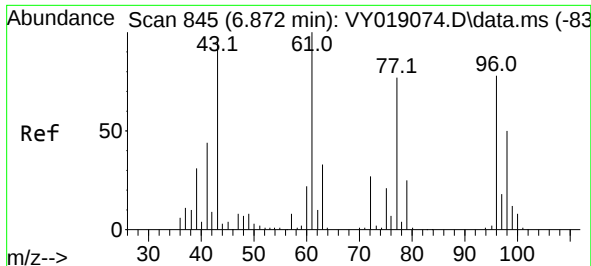
Tgt Ion: 43 Resp: 62050
 Ion Ratio Lower Upper
 43 100
 86 0.8 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 90.447 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019187.D
 Acq: 21 Aug 2024 22:19

Tgt Ion: 63 Resp: 60691
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 477.849 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

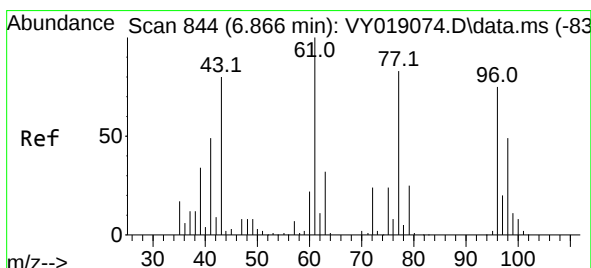
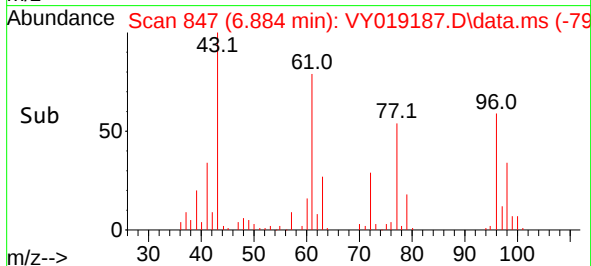
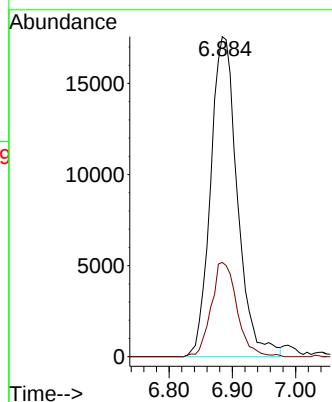
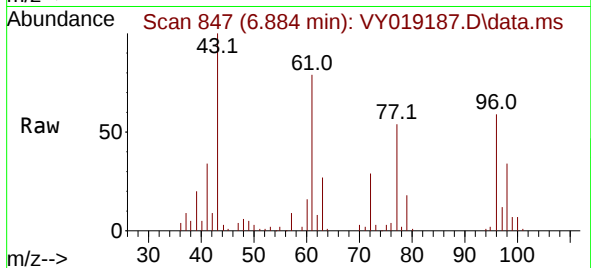
ClientSampleId :

Tgt Ion: 43 Resp: 51703

Ion Ratio Lower Upper

43 100

72 29.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 53.775 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.018 min

Lab File: VY019187.D

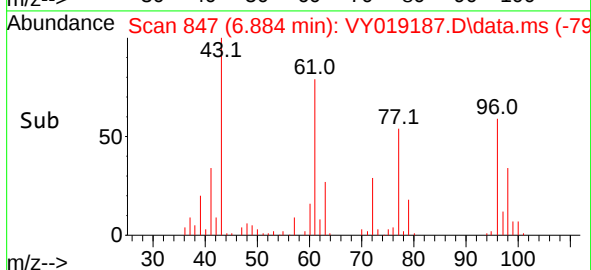
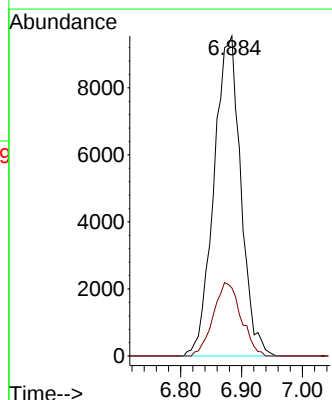
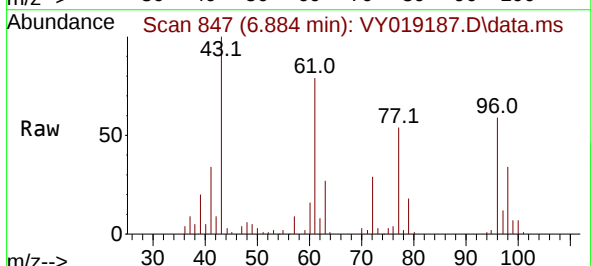
Acq: 21 Aug 2024 22:19

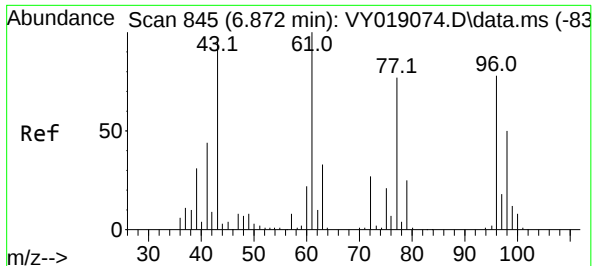
Tgt Ion: 77 Resp: 29220

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 62.442 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

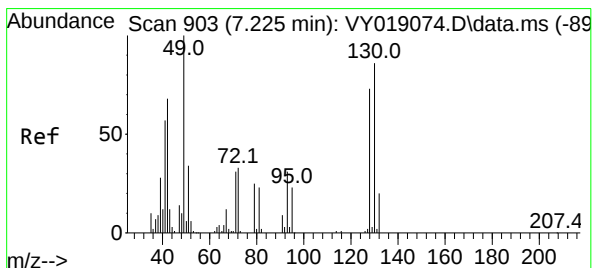
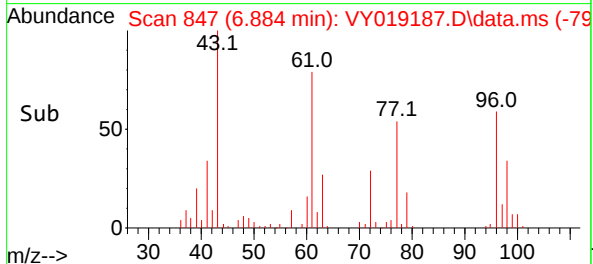
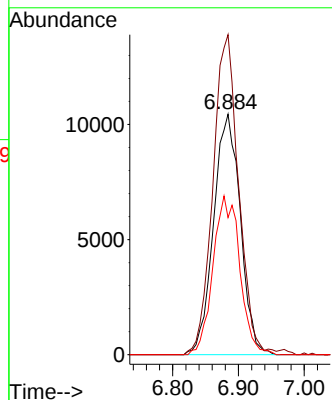
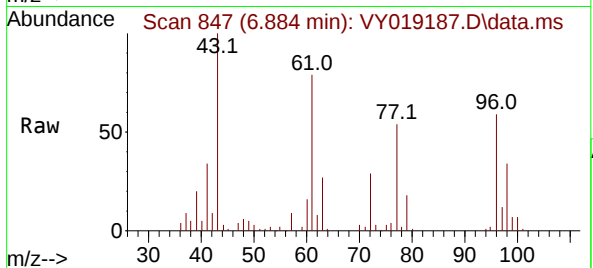
Tgt Ion: 96 Resp: 29596

Ion Ratio Lower Upper

96 100

61 127.9 0.0 256.2

98 66.0 0.0 130.0



#28

Bromochloromethane

Concen: 79.826 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

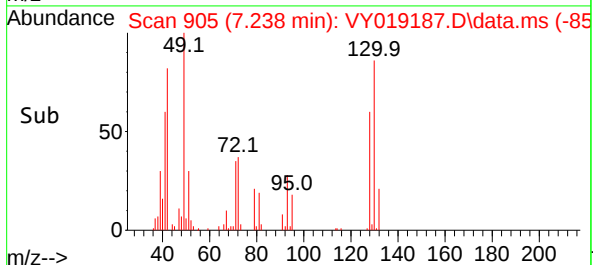
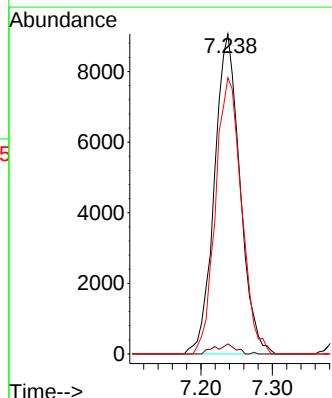
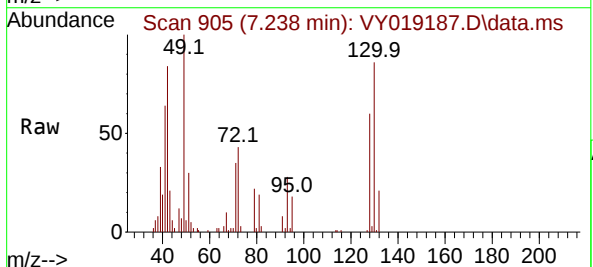
Tgt Ion: 49 Resp: 22469

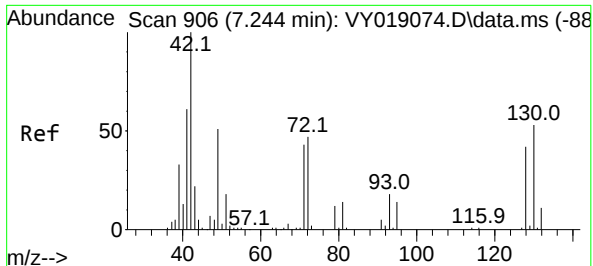
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 87.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 496.941 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

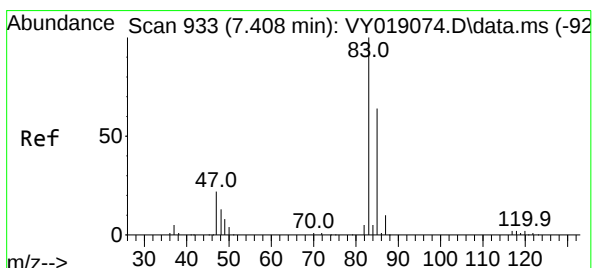
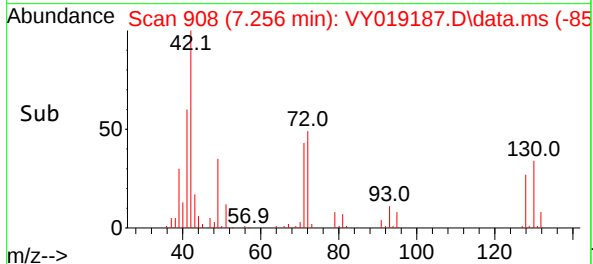
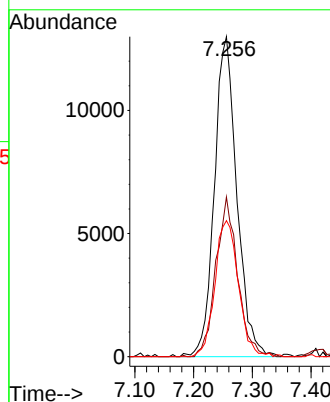
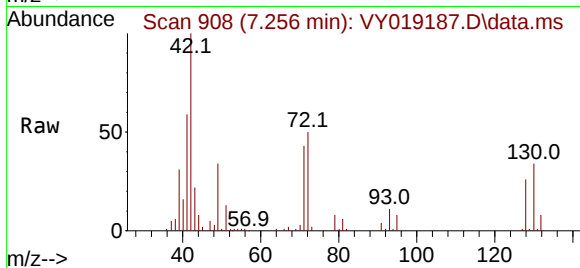
Tgt Ion: 42 Resp: 34564

Ion Ratio Lower Upper

42 100

72 48.3 43.0 64.4

71 44.6 40.8 61.2



#30

Chloroform

Concen: 79.923 ug/l

RT: 7.414 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019187.D

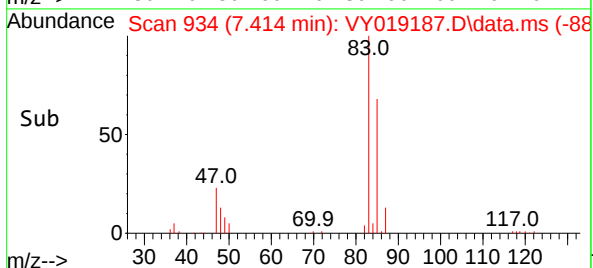
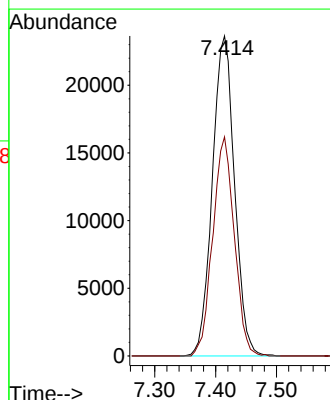
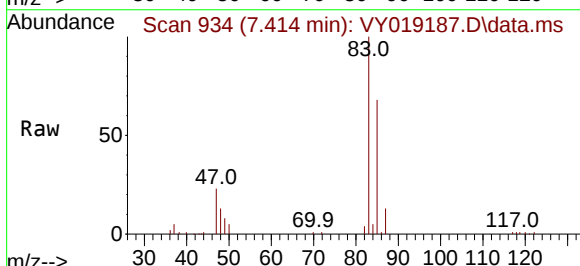
Acq: 21 Aug 2024 22:19

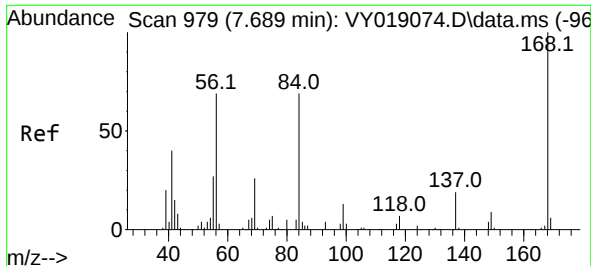
Tgt Ion: 83 Resp: 59758

Ion Ratio Lower Upper

83 100

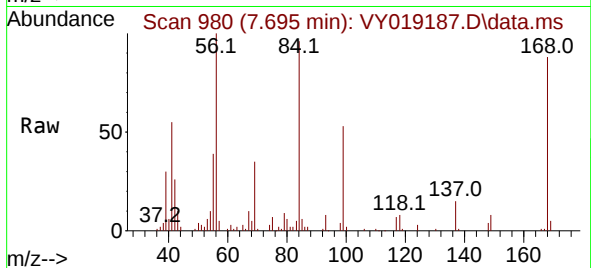
85 68.4 52.2 78.4



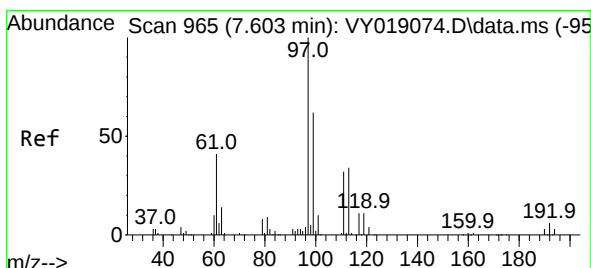
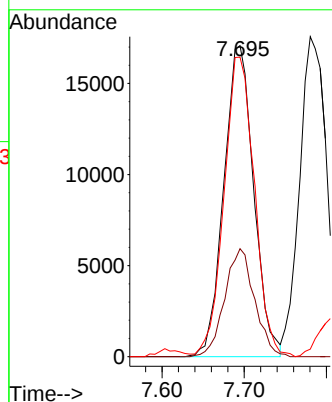
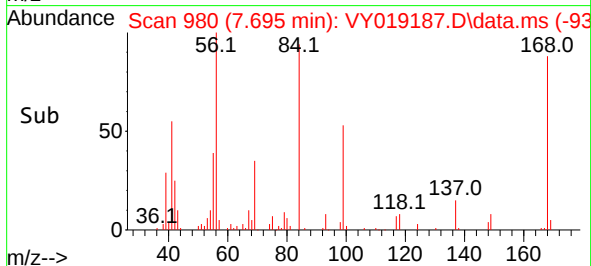


#31
Cyclohexane
Concen: 86.561 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Instrument :
MSVOA_Y
ClientSampleId :

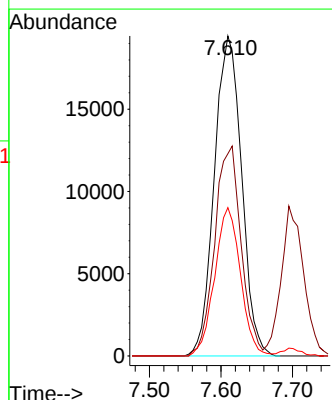
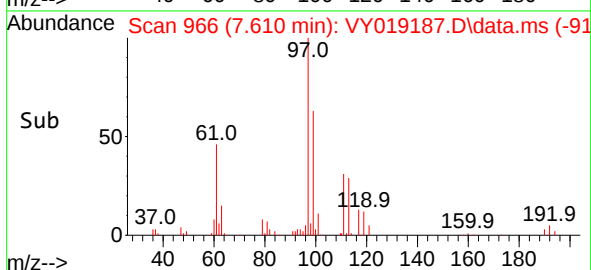
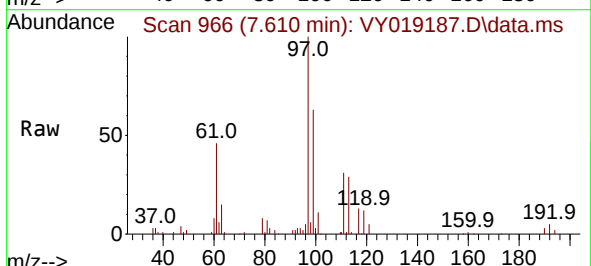


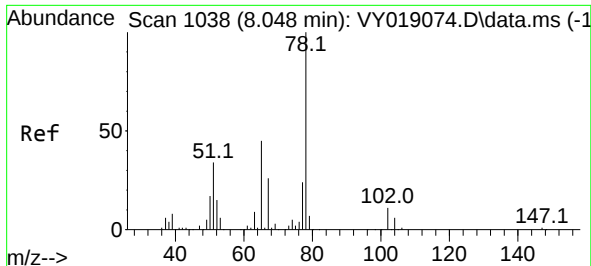
Tgt Ion: 56 Resp: 43235
Ion Ratio Lower Upper
56 100
69 34.7 28.7 43.1
84 94.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 78.482 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 97 Resp: 51570
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 43.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 78.570 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

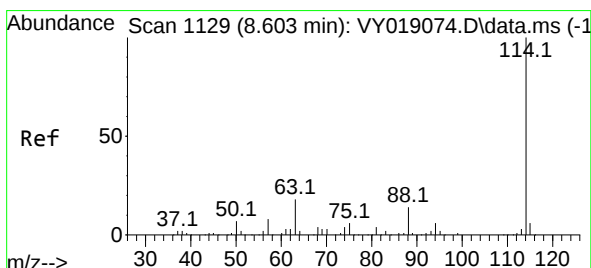
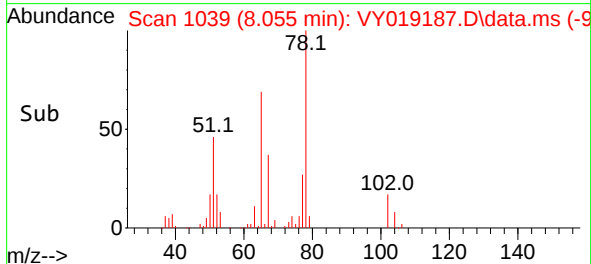
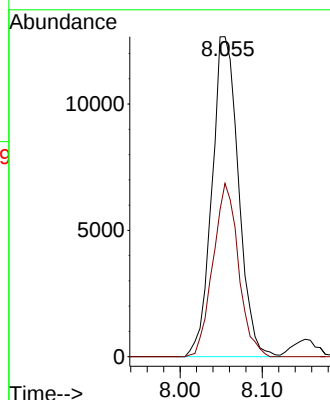
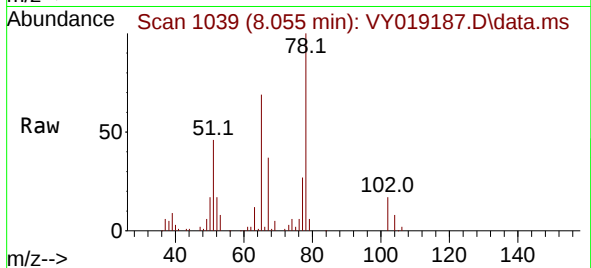
ClientSampleId :

Tgt Ion: 65 Resp: 28464

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

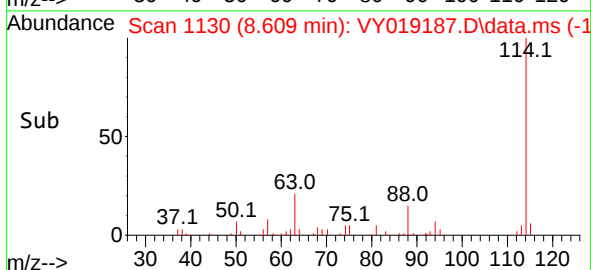
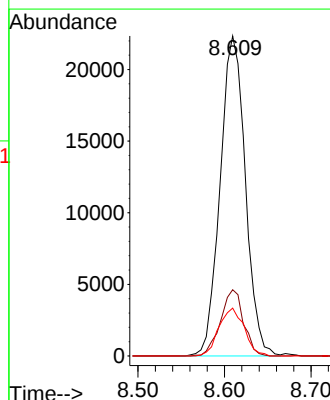
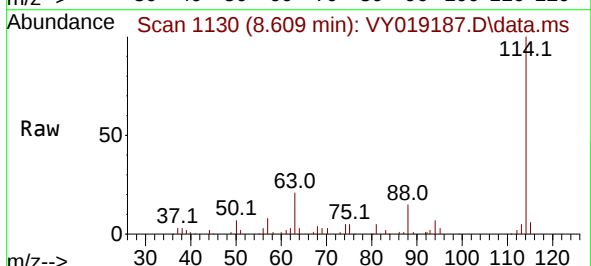
Tgt Ion: 114 Resp: 45194

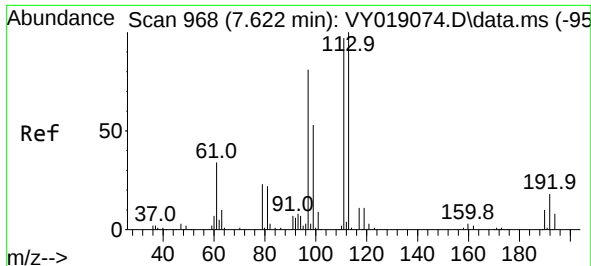
Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 15.0 0.0 27.2

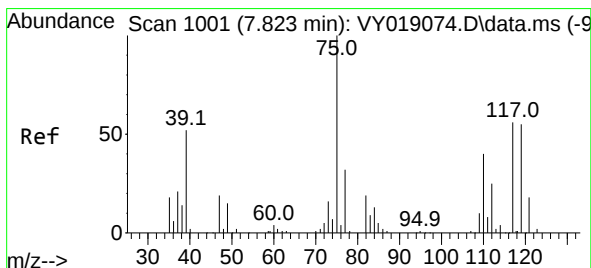
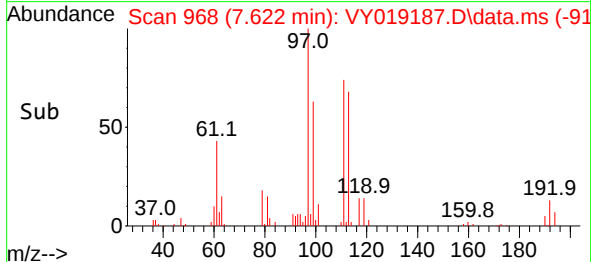
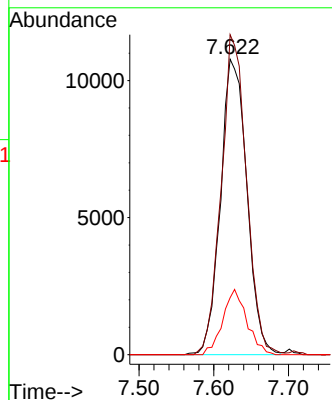
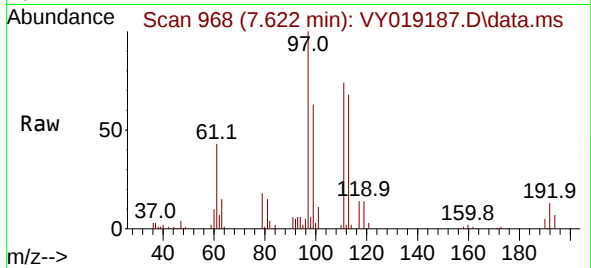




#35
Dibromofluoromethane
Concen: 89.616 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

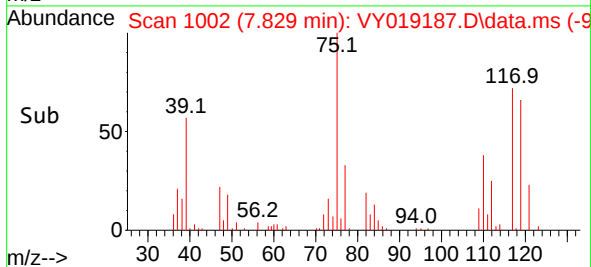
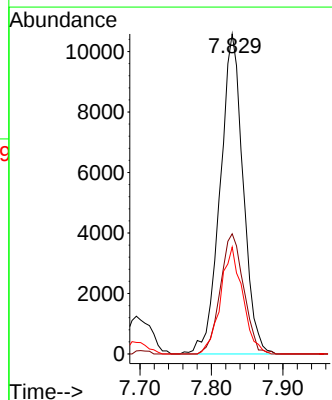
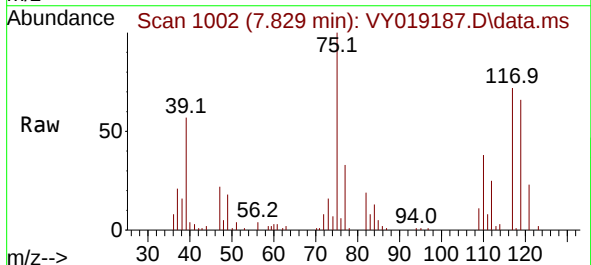
Instrument :
MSVOA_Y
ClientSampleId :

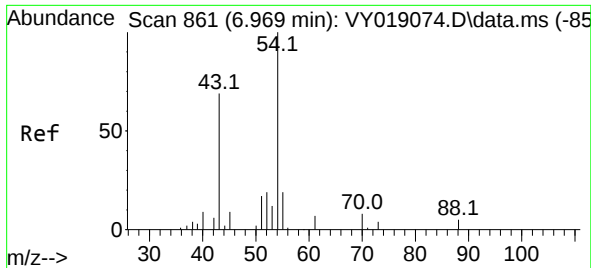
Tgt Ion:113 Resp: 26482
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 58.174 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

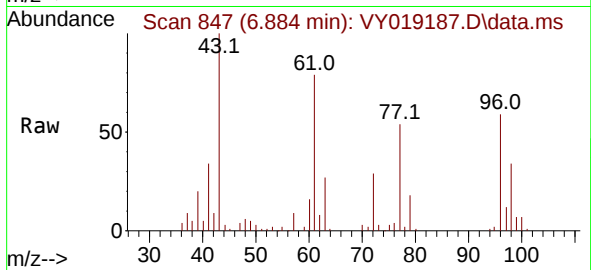
Tgt Ion: 75 Resp: 23606
Ion Ratio Lower Upper
75 100
110 38.3 19.0 57.0
77 32.2 25.3 37.9



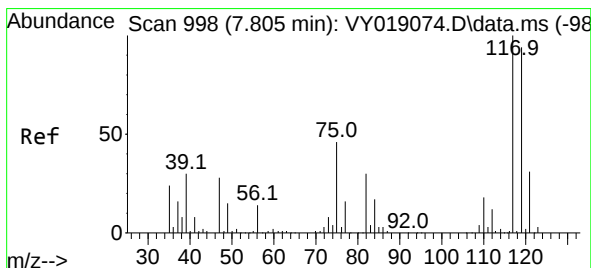
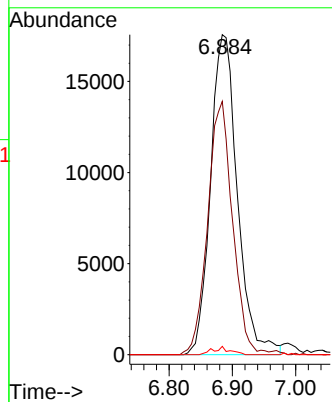
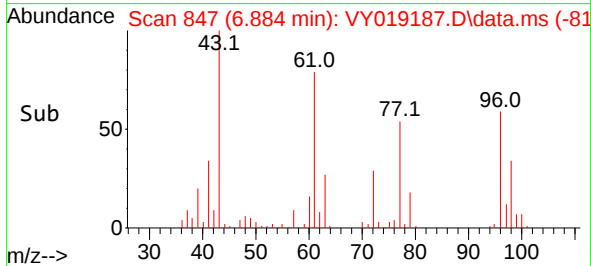


#37
Ethyl Acetate
Concen: 287.589 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Instrument :
MSVOA_Y
ClientSampleId :

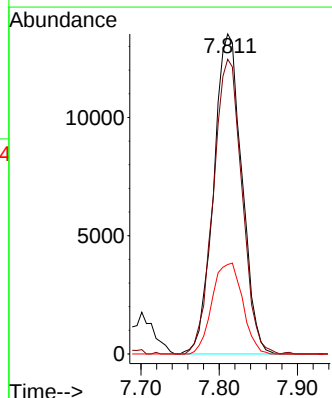
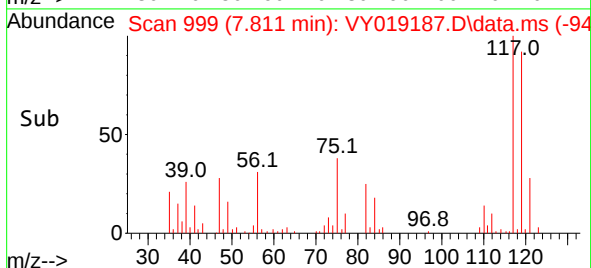
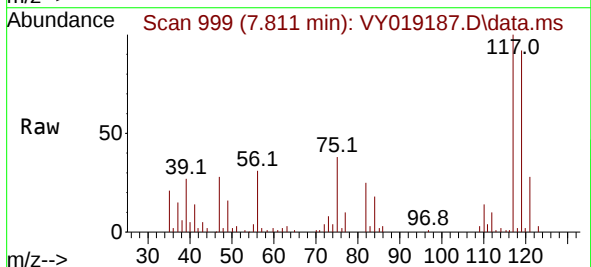


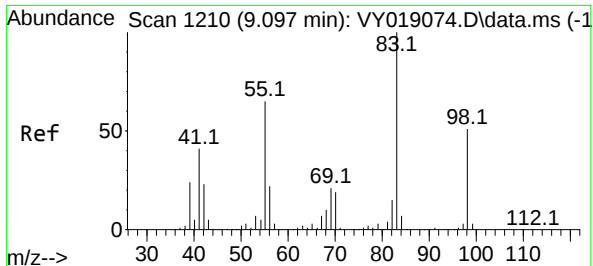
Tgt Ion: 43 Resp: 51703
Ion Ratio Lower Upper
43 100
61 73.2 12.6 19.0#
70 1.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 71.861 ug/l
RT: 7.811 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 117 Resp: 33793
Ion Ratio Lower Upper
117 100
119 92.1 75.8 113.6
121 27.9 24.0 36.0





#39

Methylcyclohexane

Concen: 67.219 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

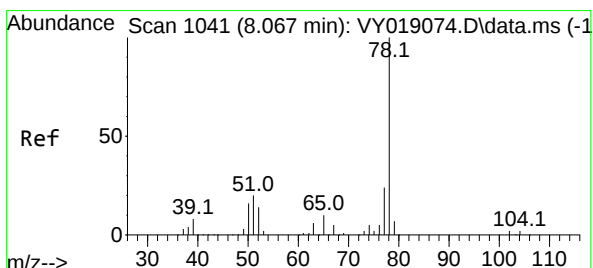
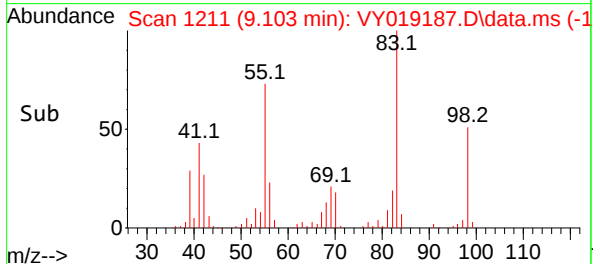
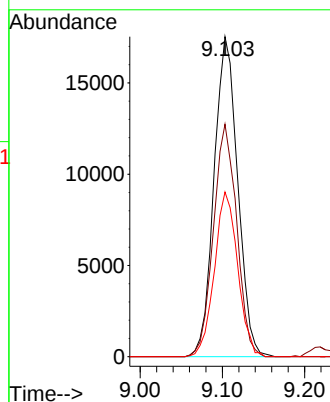
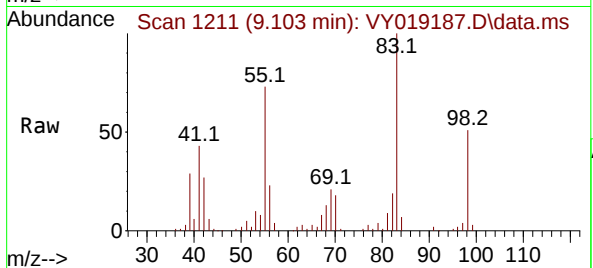
Tgt Ion: 83 Resp: 35003

Ion Ratio Lower Upper

83 100

55 72.6 51.5 77.3

98 51.5 40.5 60.7



#40

Benzene

Concen: 78.393 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019187.D

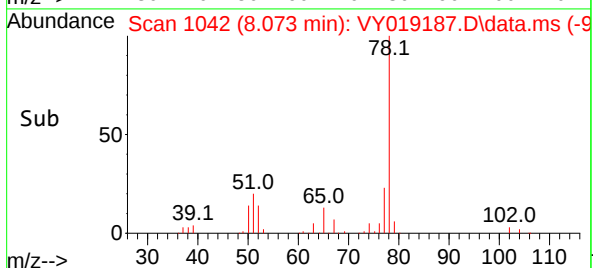
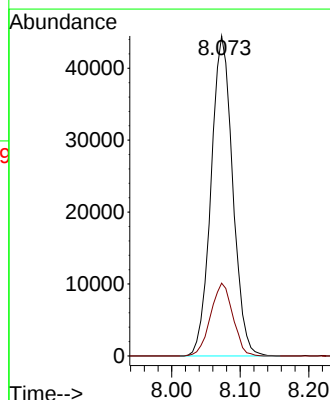
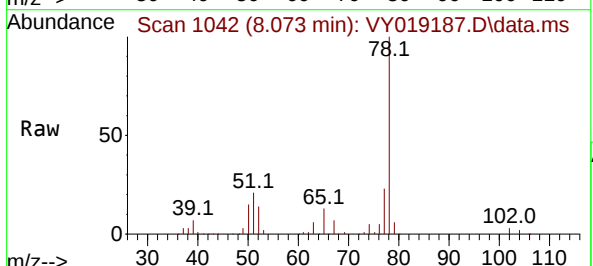
Acq: 21 Aug 2024 22:19

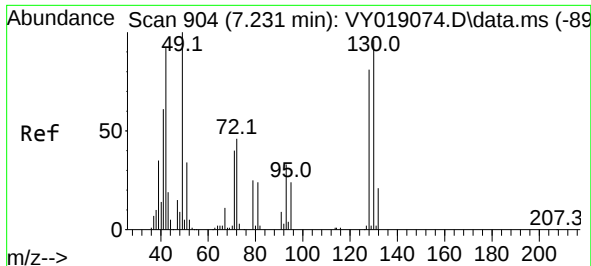
Tgt Ion: 78 Resp: 97561

Ion Ratio Lower Upper

78 100

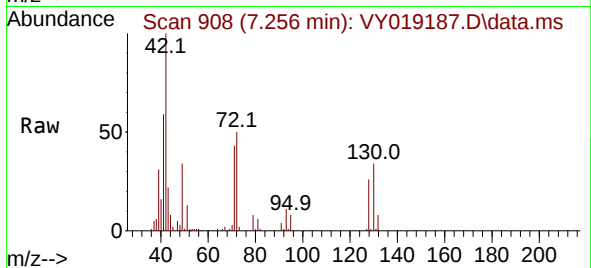
77 22.8 19.5 29.3



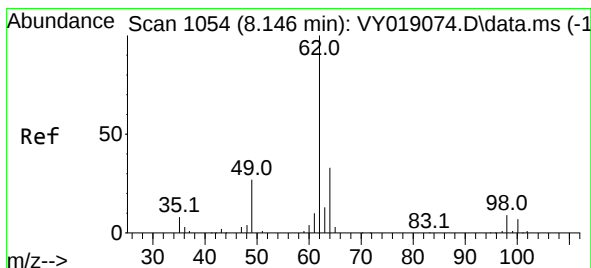
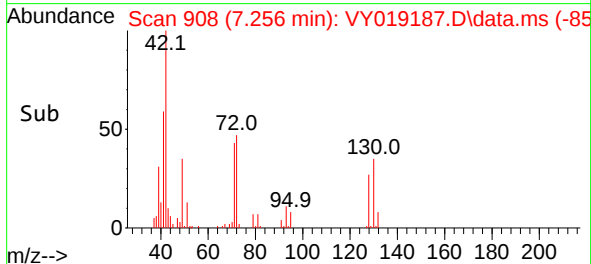
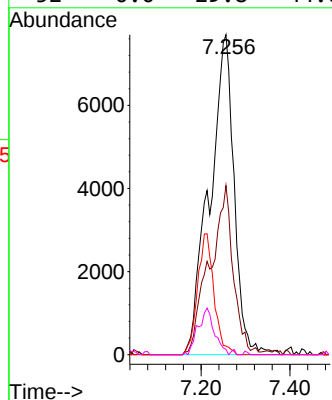


#41
Methacrylonitrile
Concen: 300.919 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Instrument :
MSVOA_Y
ClientSampleId :

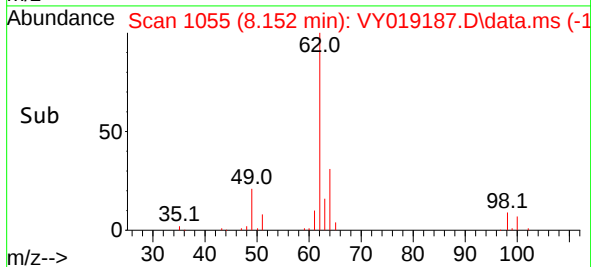
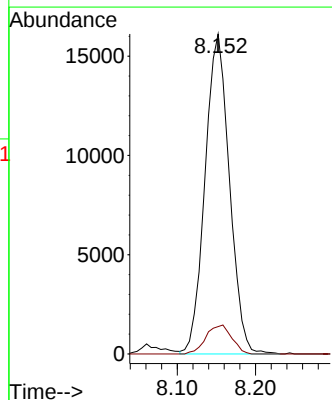
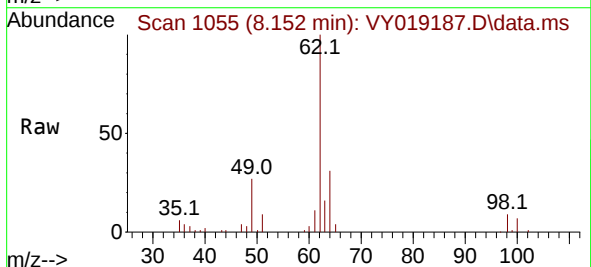


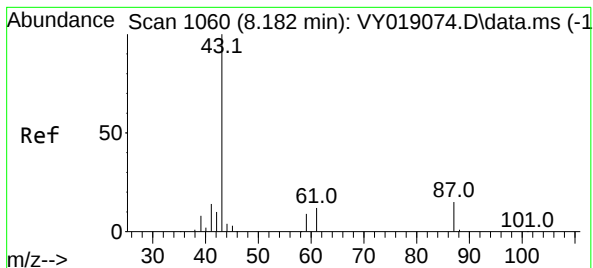
Tgt Ion:	41	Resp:	29528
Ion	Ratio	Lower	Upper
41	100		
39	50.8	48.0	72.0
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 103.859 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion:	62	Resp:	34904
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 12.157 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY019187.D

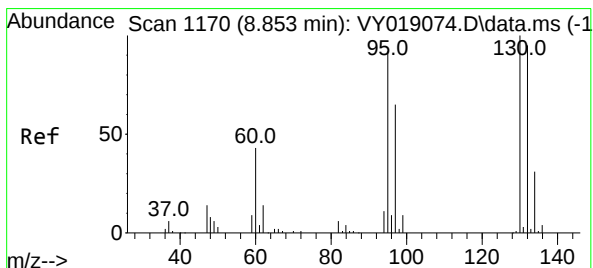
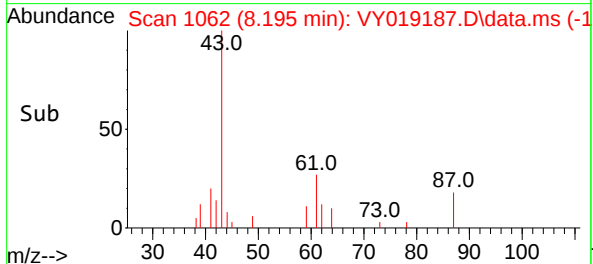
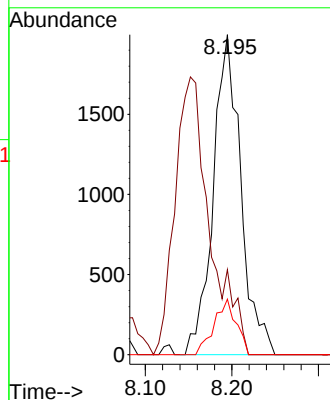
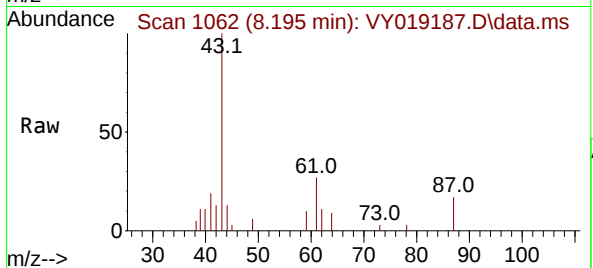
Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 4420
Ion Ratio	Lower Upper
43	100
61	0.0 27.9 41.9#
87	13.9 13.1 19.7



#44

Trichloroethene

Concen: 46.197 ug/l

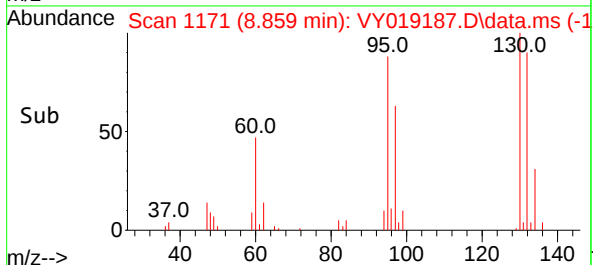
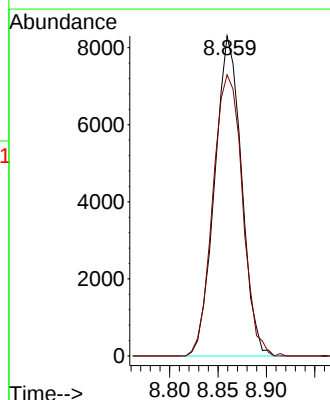
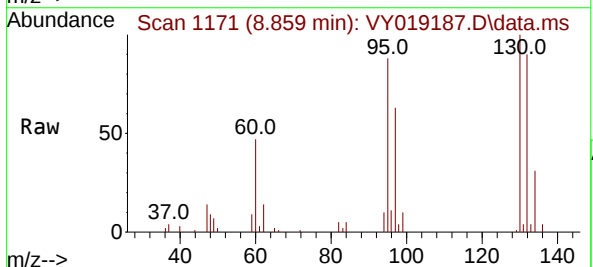
RT: 8.859 min Scan# 1171

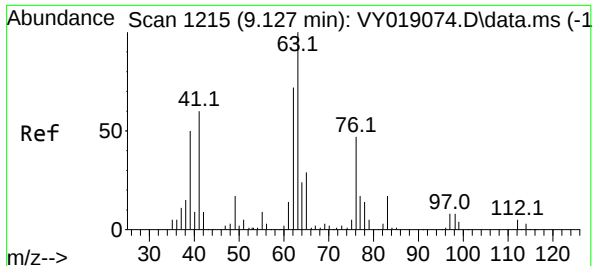
Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Tgt Ion: 130	Resp: 16042
Ion Ratio	Lower Upper
130	100
95	87.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 91.006 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

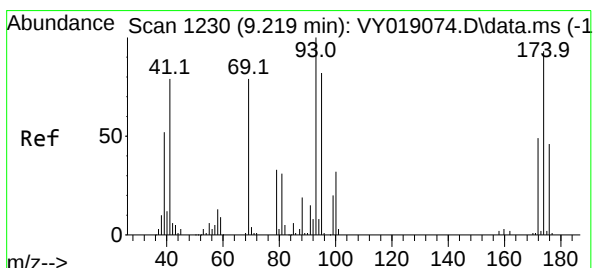
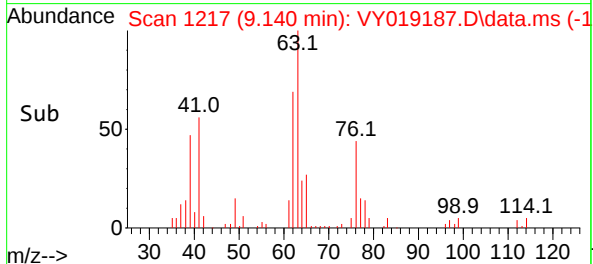
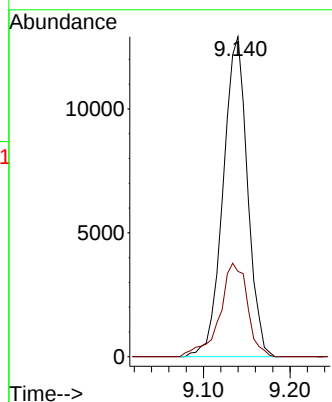
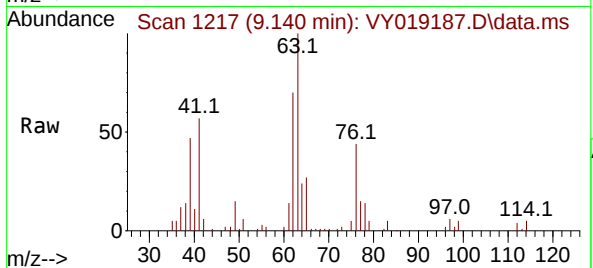
ClientSampleId :

Tgt Ion: 63 Resp: 25234

Ion Ratio Lower Upper

63 100

65 26.7 25.4 38.2



#46

Dibromomethane

Concen: 86.025 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

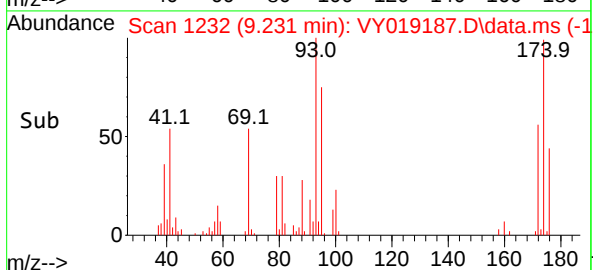
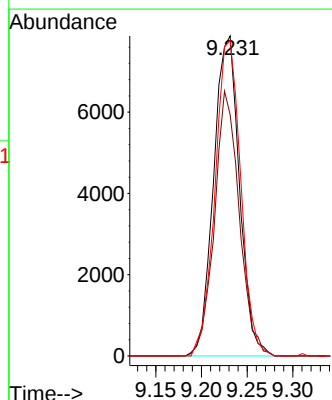
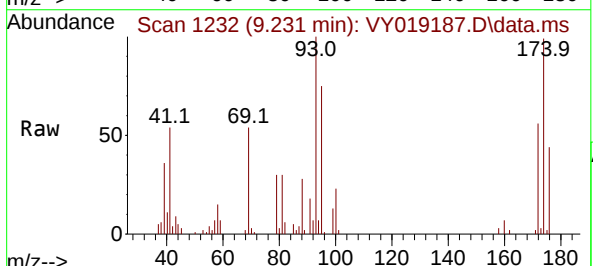
Tgt Ion: 93 Resp: 15471

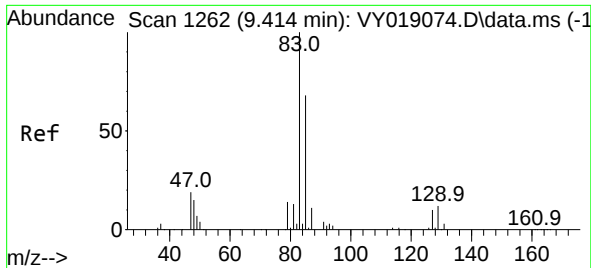
Ion Ratio Lower Upper

93 100

95 79.4 66.2 99.4

174 98.0 80.9 121.3

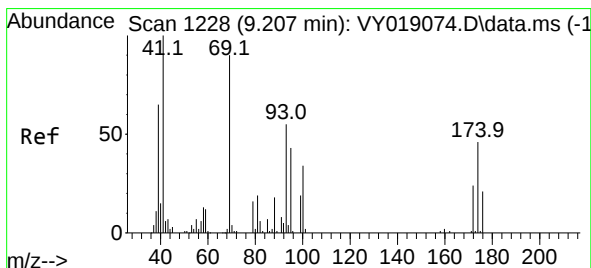
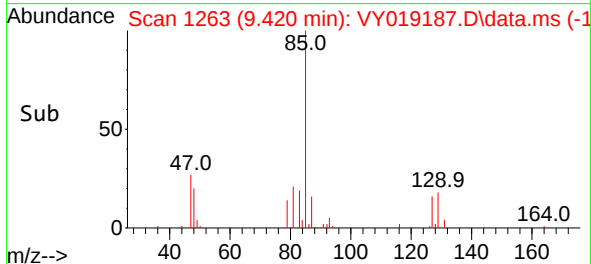
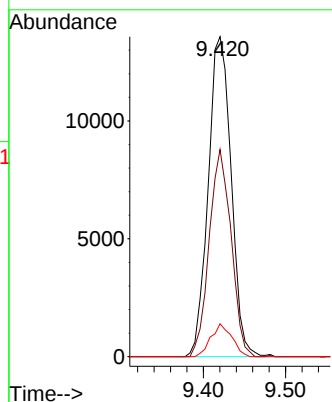
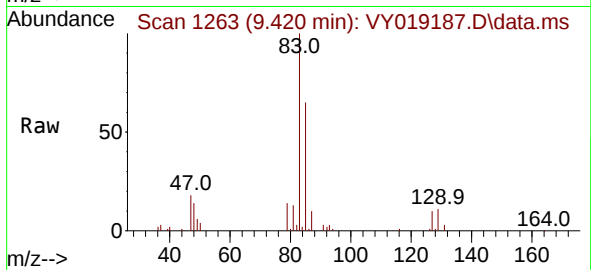




#47
Bromodichloromethane
Concen: 59.609 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

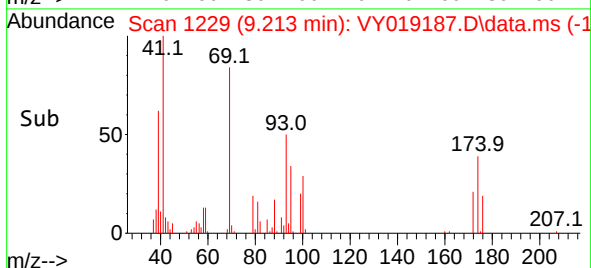
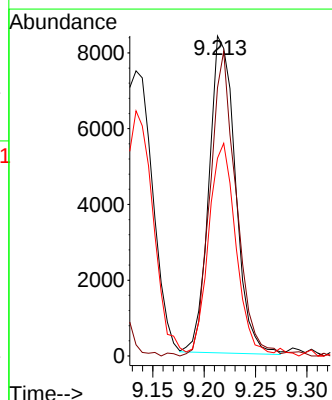
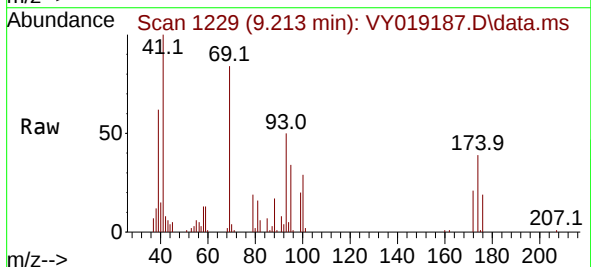
Instrument :
MSVOA_Y
ClientSampleId :

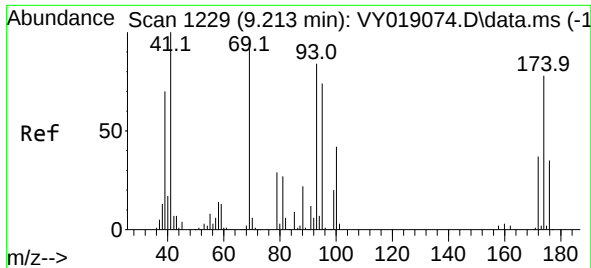
Tgt Ion: 83 Resp: 26301
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 10.3 7.4 11.0



#48
Methyl methacrylate
Concen: 92.639 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 41 Resp: 15011
Ion Ratio Lower Upper
41 100
69 94.9 84.1 126.1
39 67.0 43.6 65.4#





#49

1,4-Dioxane

Concen: 2571.895 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

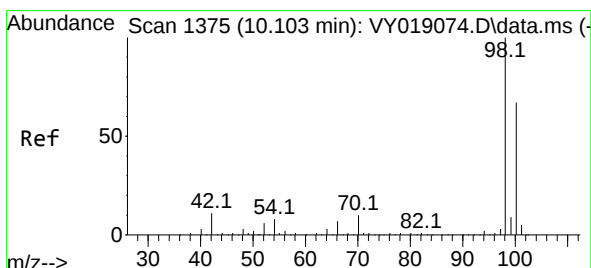
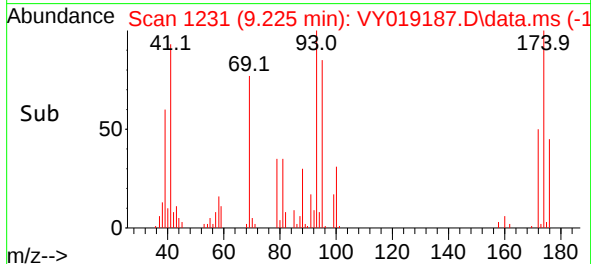
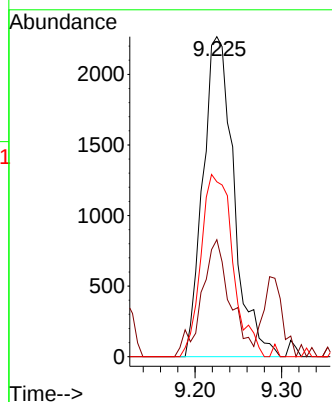
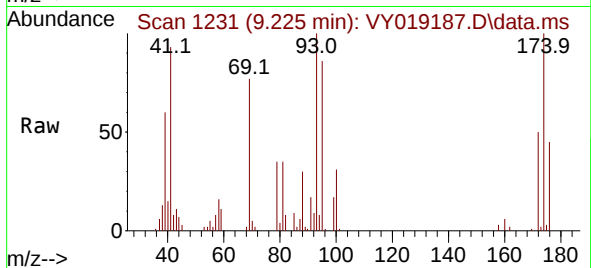
Tgt Ion: 88 Resp: 5603

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 58.8 49.3 73.9



#50

Toluene-d8

Concen: 43.421 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019187.D

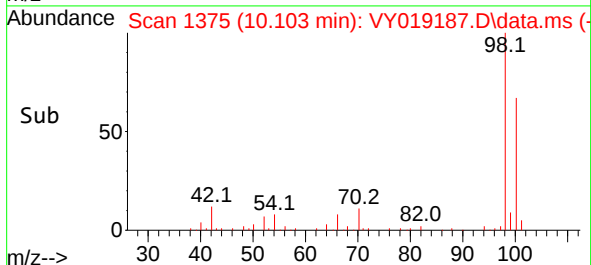
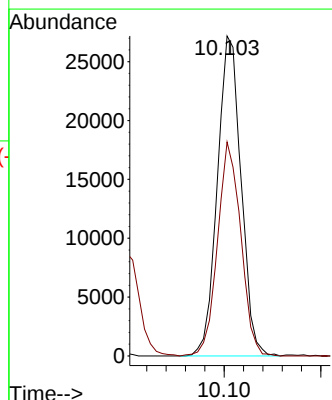
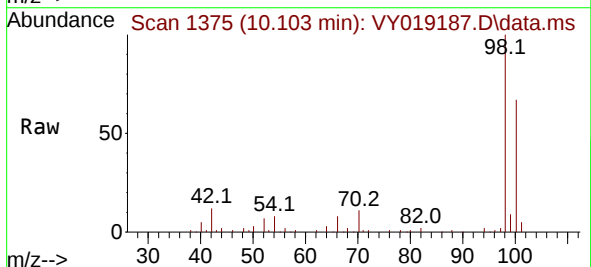
Acq: 21 Aug 2024 22:19

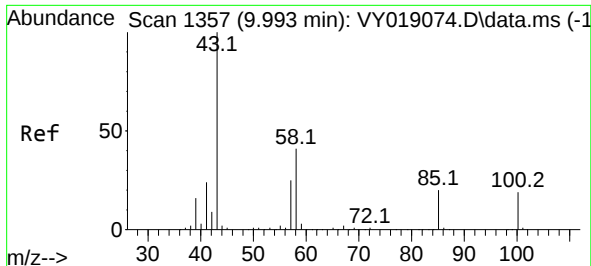
Tgt Ion: 98 Resp: 46175

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 463.443 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

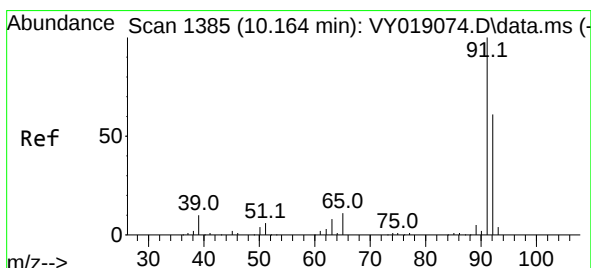
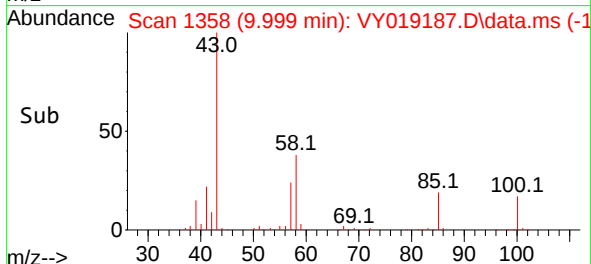
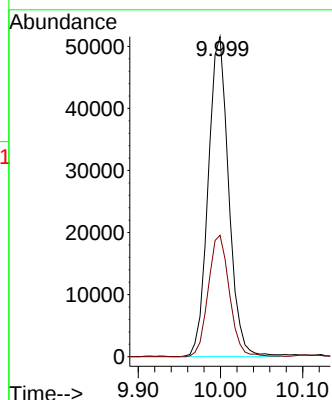
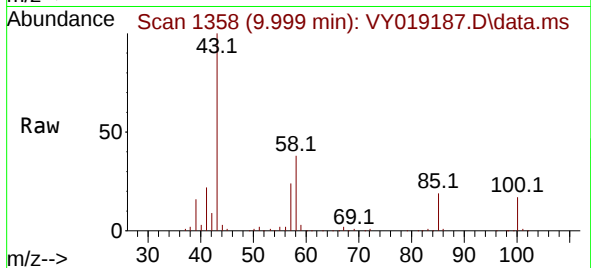
ClientSampleId :

Tgt Ion: 43 Resp: 89434

Ion Ratio Lower Upper

43 100

58 39.2 35.7 53.5



#52

Toluene

Concen: 39.141 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019187.D

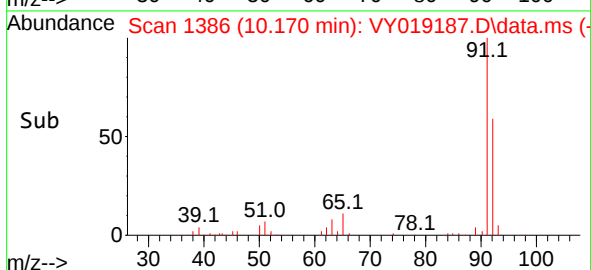
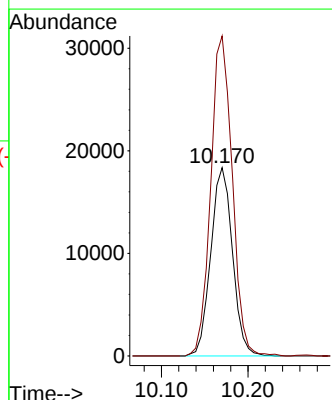
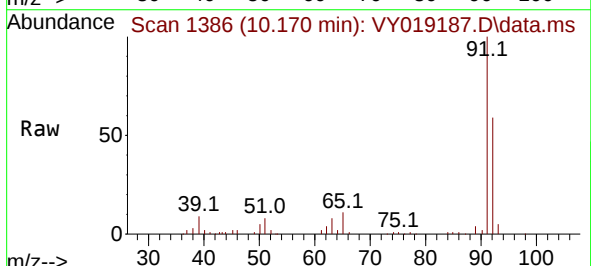
Acq: 21 Aug 2024 22:19

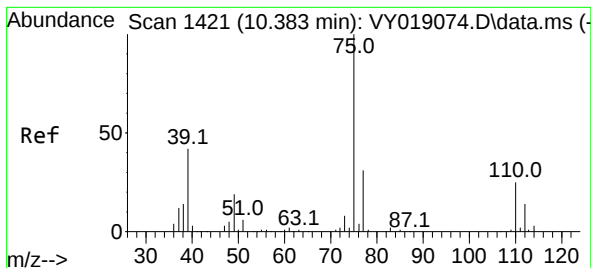
Tgt Ion: 92 Resp: 31975

Ion Ratio Lower Upper

92 100

91 168.4 139.0 208.6

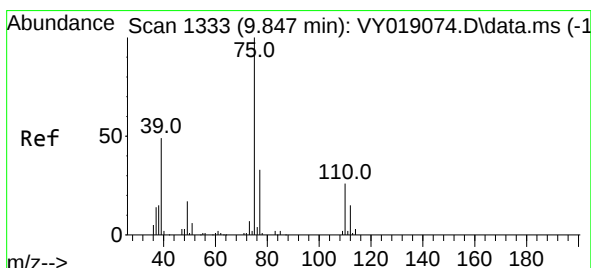
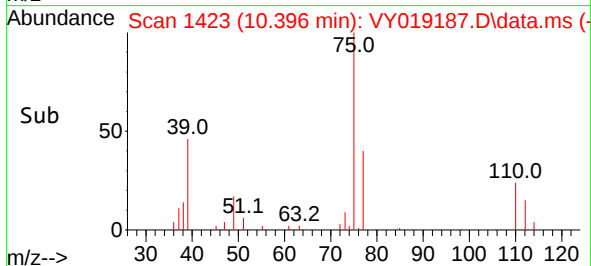
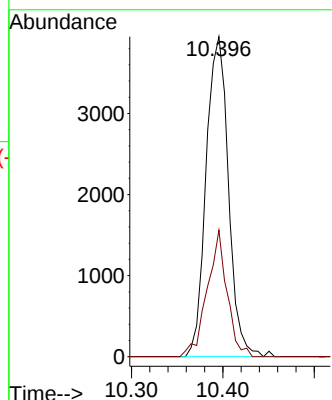
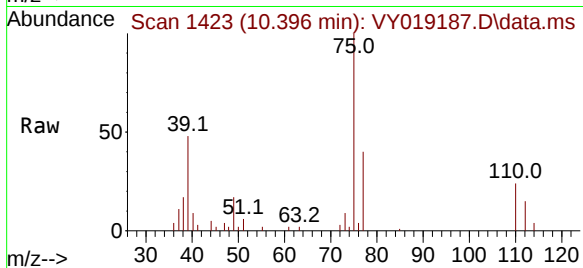




#53
 t-1,3-Dichloropropene
 Concen: 18.308 ug/l
 RT: 10.396 min Scan# 1421
 Delta R.T. 0.012 min
 Lab File: VY019187.D
 Acq: 21 Aug 2024 22:19

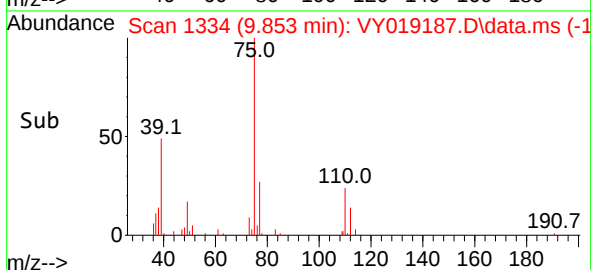
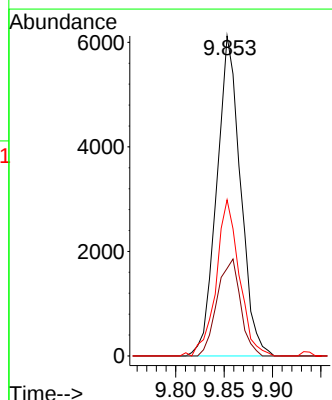
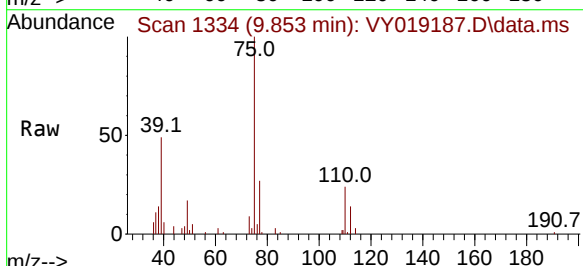
Instrument :
 MSVOA_Y
 ClientSampleId :

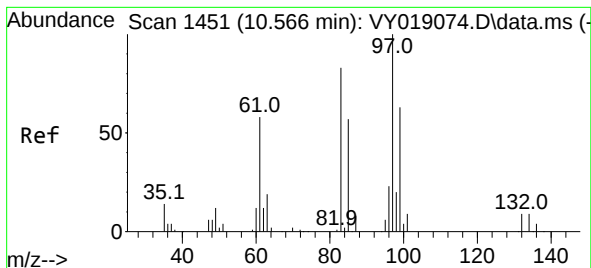
Tgt Ion: 75 Resp: 6701
 Ion Ratio Lower Upper
 75 100
 77 39.6 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 23.759 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019187.D
 Acq: 21 Aug 2024 22:19

Tgt Ion: 75 Resp: 10458
 Ion Ratio Lower Upper
 75 100
 77 27.3 25.4 38.0
 39 48.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 64.414 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 14913

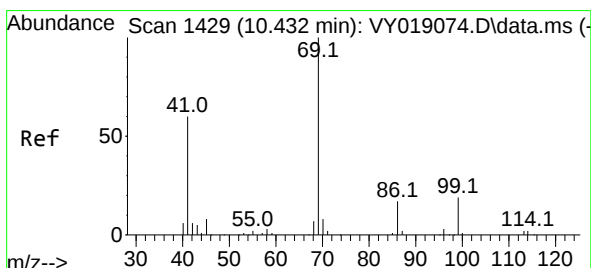
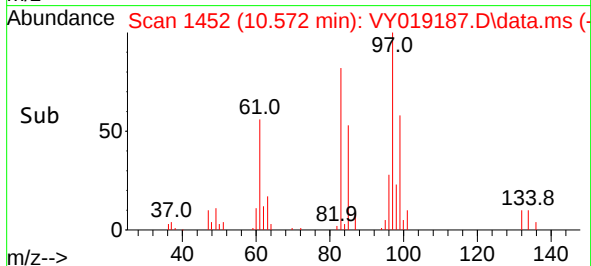
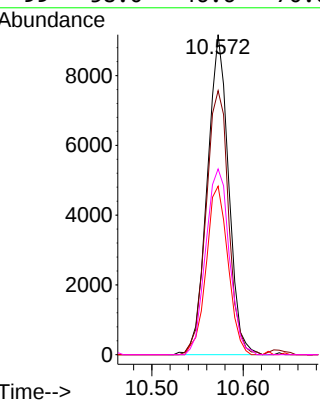
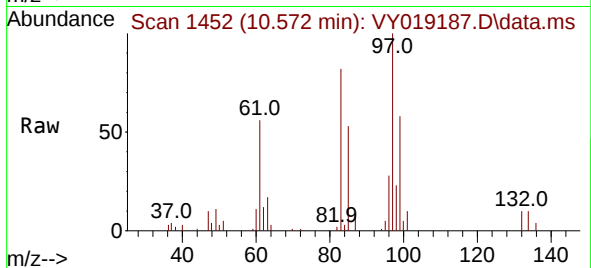
Ion Ratio Lower Upper

97 100

83 82.5 67.5 101.3

85 52.7 42.9 64.3

99 58.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 5.788 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

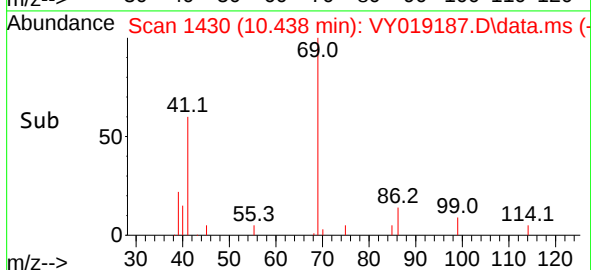
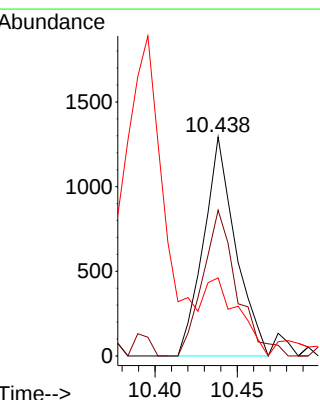
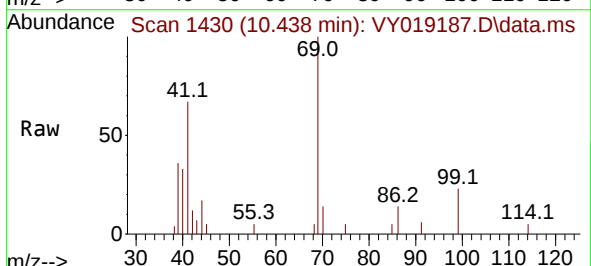
Tgt Ion: 69 Resp: 1754

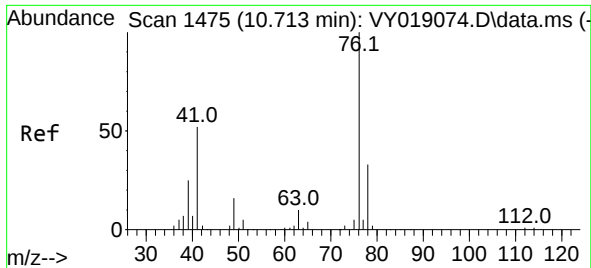
Ion Ratio Lower Upper

69 100

41 71.3 42.3 63.5#

39 36.9 22.9 34.3#

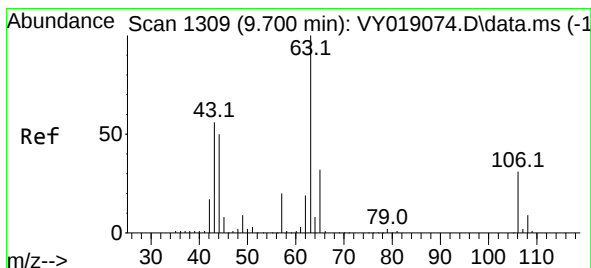
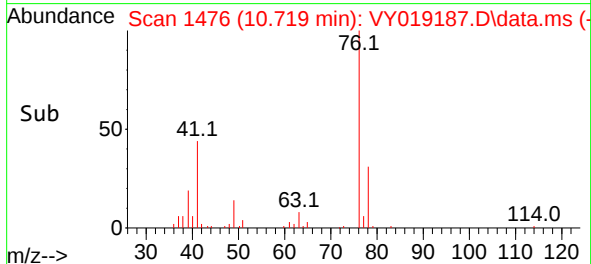
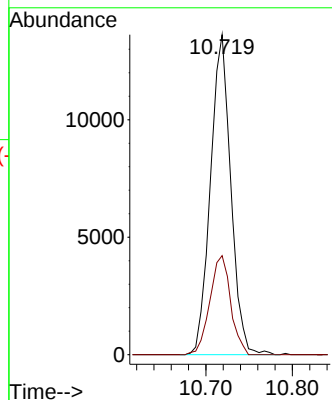
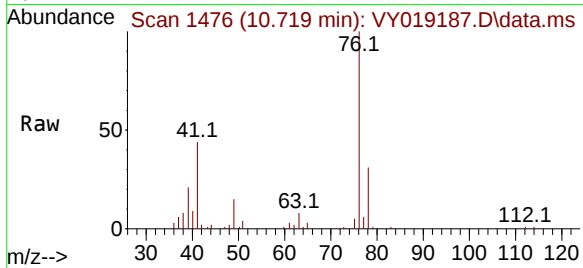




#57
1,3-Dichloropropane
Concen: 58.846 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

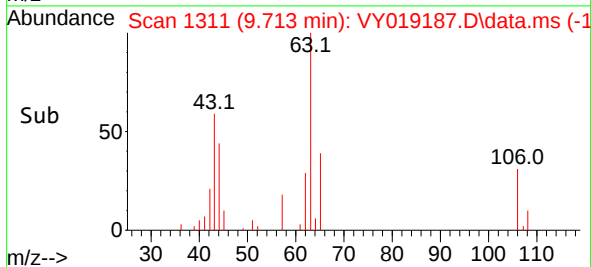
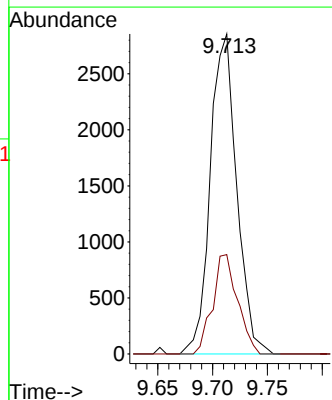
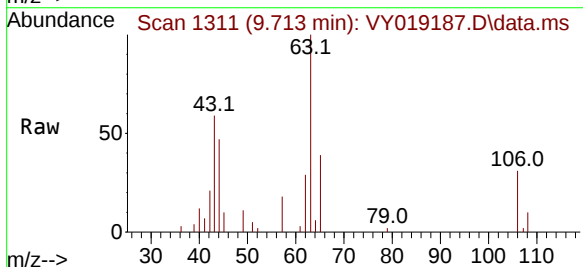
Instrument :
MSVOA_Y
ClientSampleId :

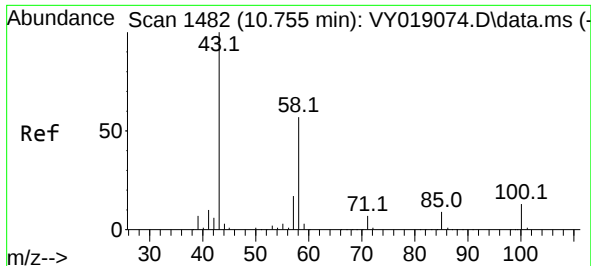
Tgt Ion: 76 Resp: 22209
Ion Ratio Lower Upper
76 100
78 31.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 33.333 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.012 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 63 Resp: 4792
Ion Ratio Lower Upper
63 100
106 29.3 23.7 35.5

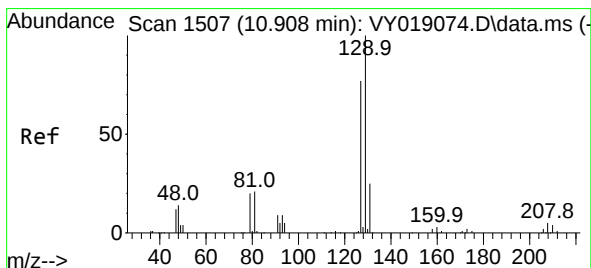
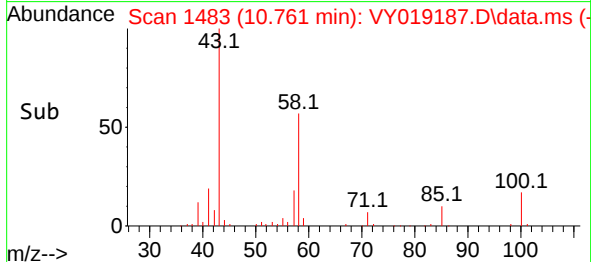
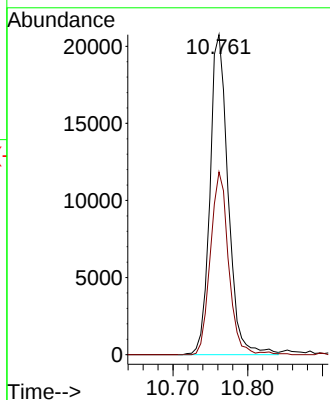
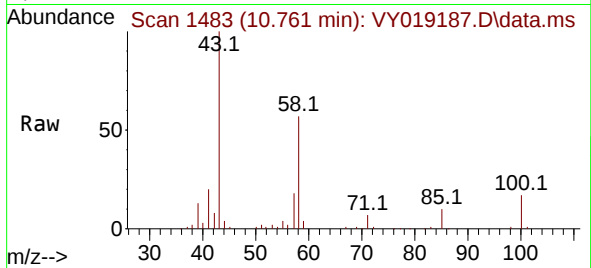




#59
2-Hexanone
Concen: 265.155 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

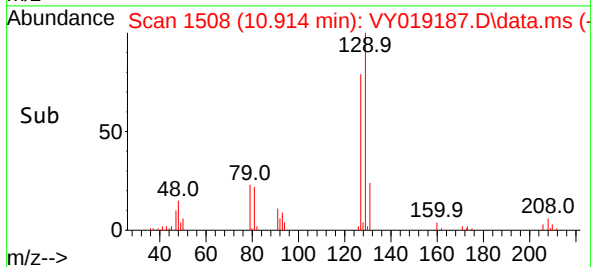
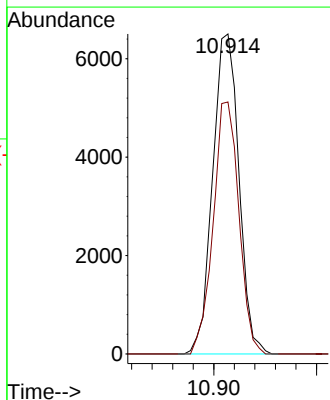
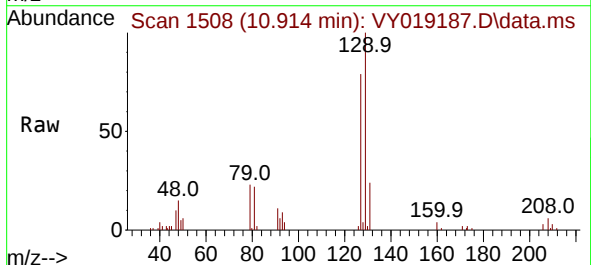
Instrument :
MSVOA_Y
ClientSampleId :

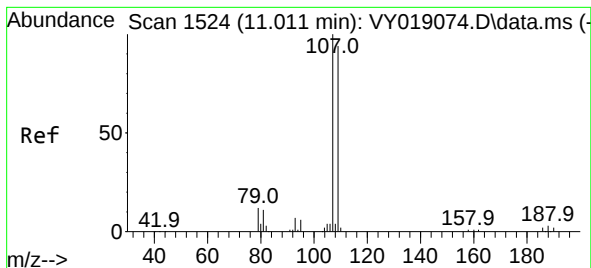
Tgt Ion: 43 Resp: 35154
Ion Ratio Lower Upper
43 100
58 56.8 31.4 94.0



#60
Dibromochloromethane
Concen: 36.562 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 129 Resp: 11529
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 45.980 ug/l

RT: 11.011 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

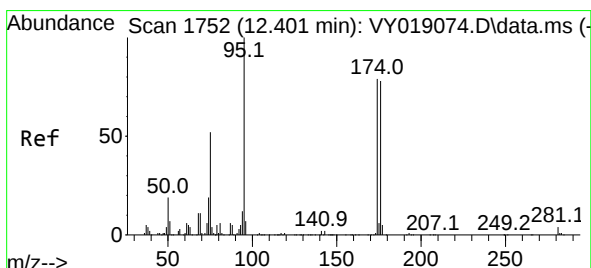
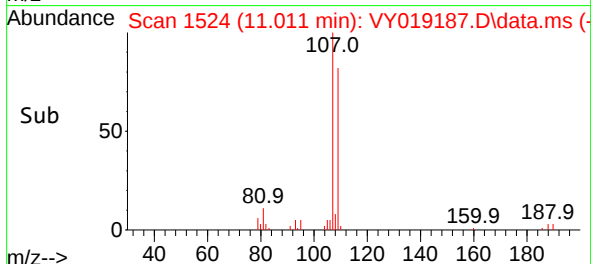
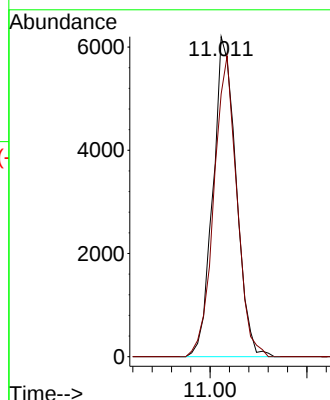
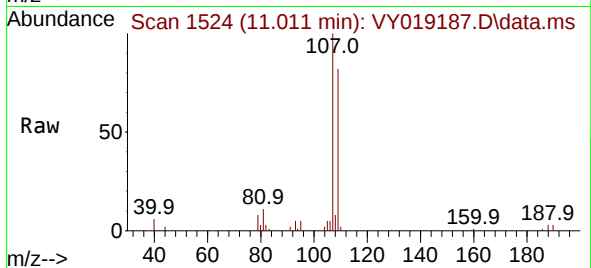
ClientSampleId :

Tgt Ion:107 Resp: 10289

Ion Ratio Lower Upper

107 100

109 93.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 13.983 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

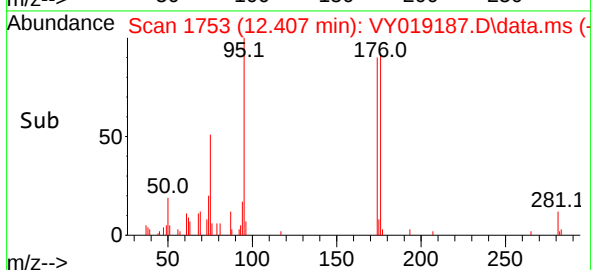
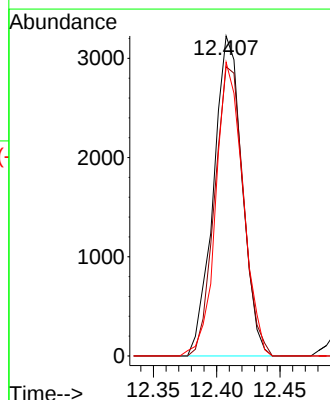
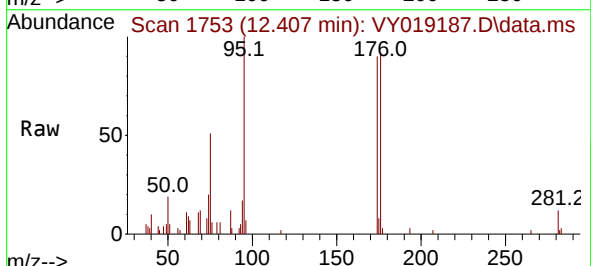
Tgt Ion: 95 Resp: 5069

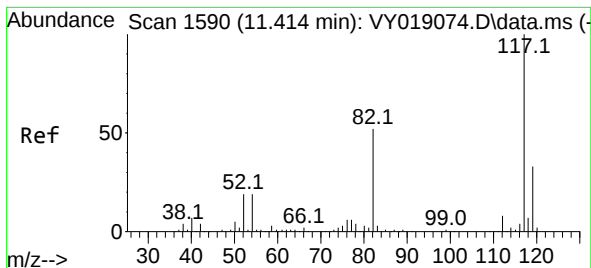
Ion Ratio Lower Upper

95 100

174 91.1 0.0 175.6

176 87.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

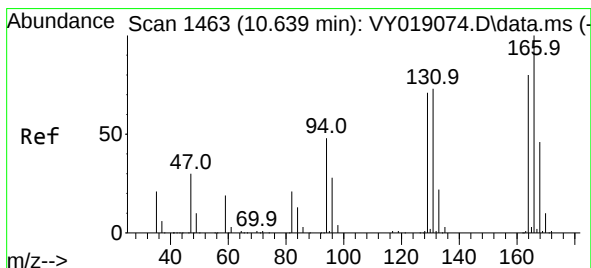
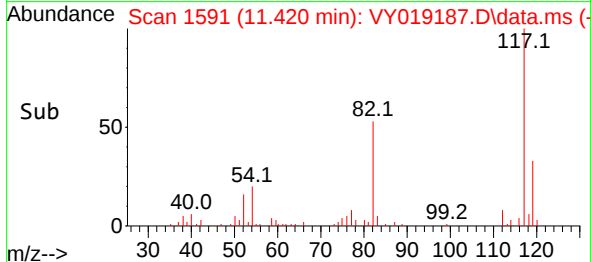
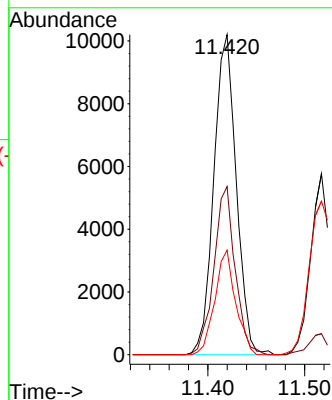
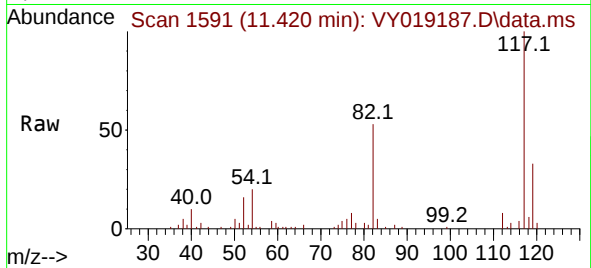
Tgt Ion:117 Resp: 16419

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 32.7 25.9 38.9



#64

Tetrachloroethene

Concen: 64.704 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Tgt Ion:164 Resp: 9286

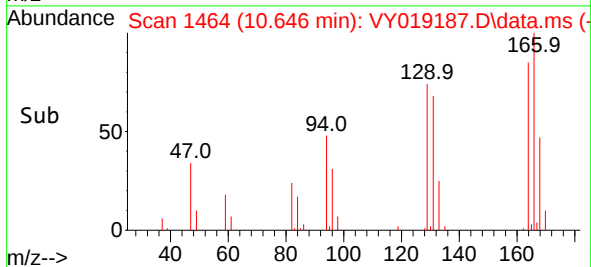
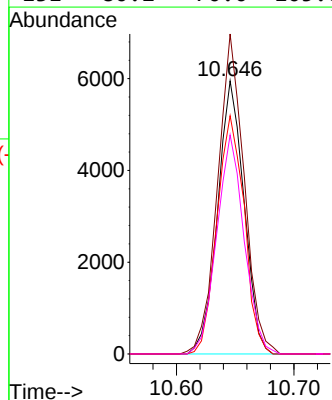
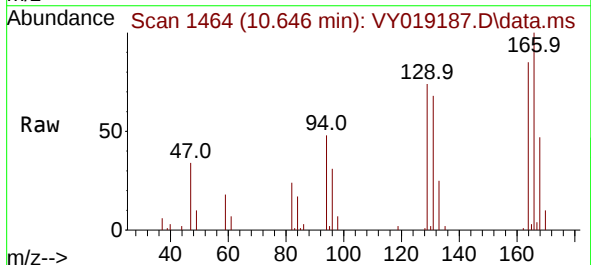
Ion Ratio Lower Upper

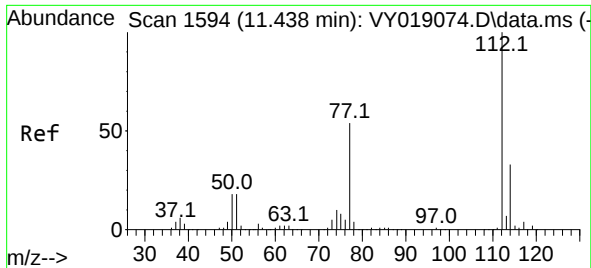
164 100

166 117.2 102.6 154.0

129 87.2 72.0 108.0

131 80.2 70.0 105.0

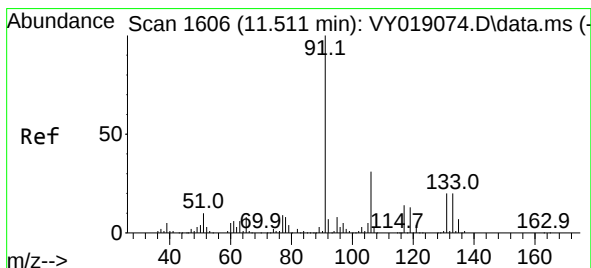
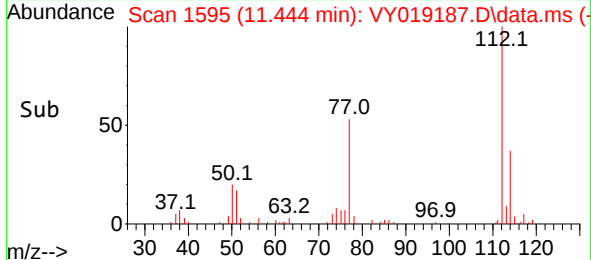
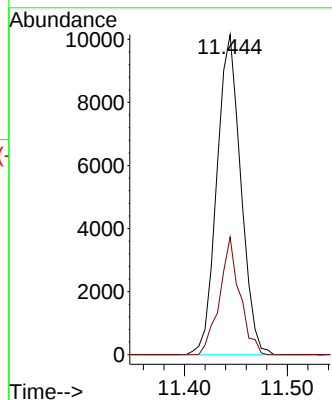
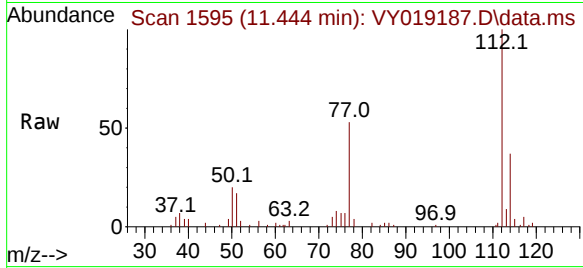




#65
Chlorobenzene
Concen: 43.423 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

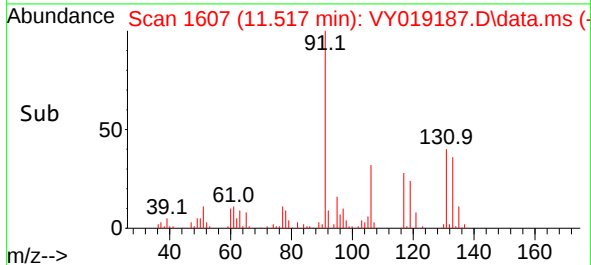
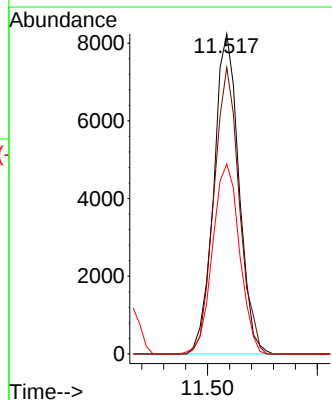
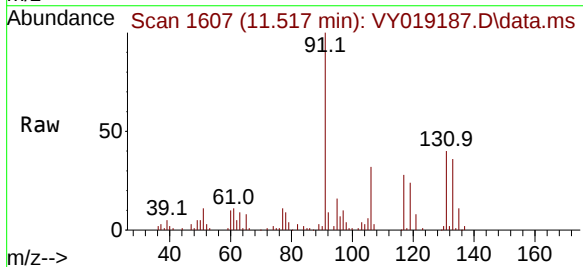
Instrument :
MSVOA_Y
ClientSampleId :

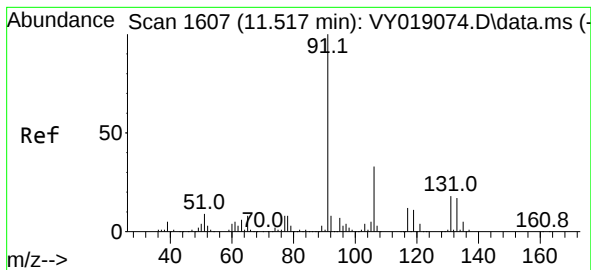
Tgt Ion:112 Resp: 16417
Ion Ratio Lower Upper
112 100
114 36.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 98.470 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion:131 Resp: 13092
Ion Ratio Lower Upper
131 100
133 90.7 47.8 143.3
119 63.7 34.1 102.2

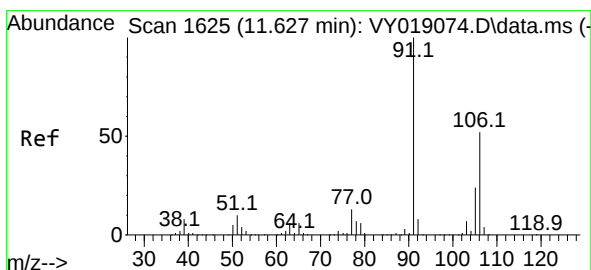
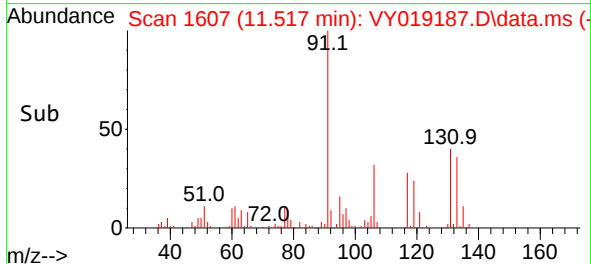
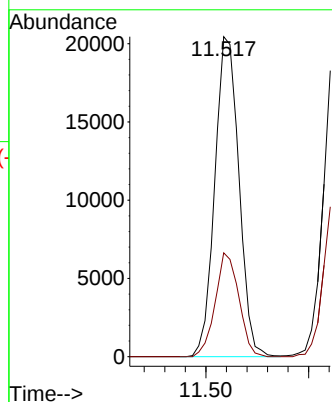
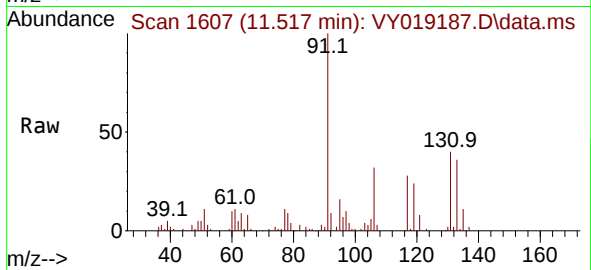




#67
Ethyl Benzene
Concen: 50.748 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

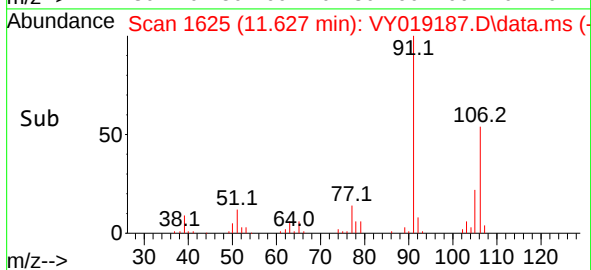
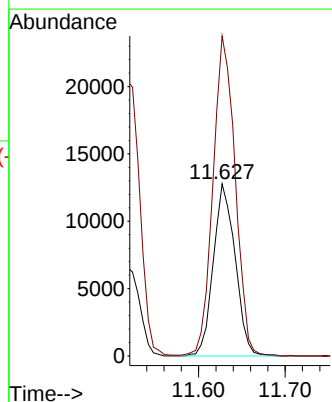
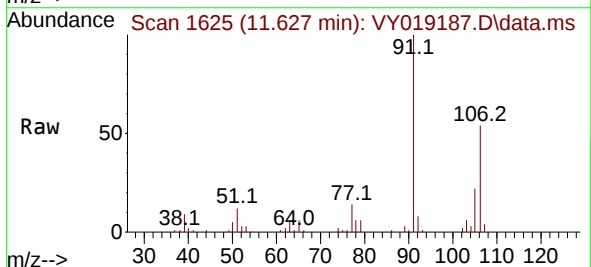
Instrument :
MSVOA_Y
ClientSampleId :

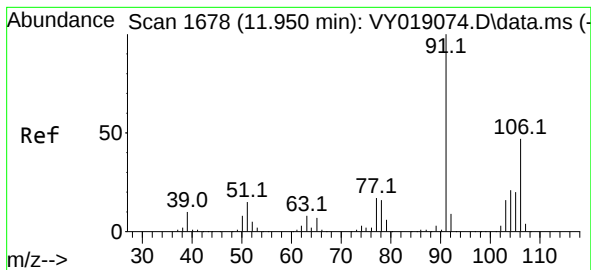
Tgt Ion: 91 Resp: 33301
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 85.976 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion:106 Resp: 22386
Ion Ratio Lower Upper
106 100
91 189.4 156.0 234.0





#69

o-Xylene

Concen: 48.308 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

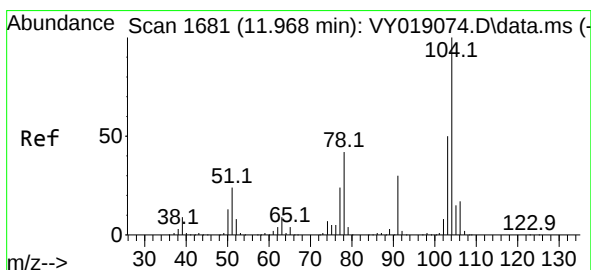
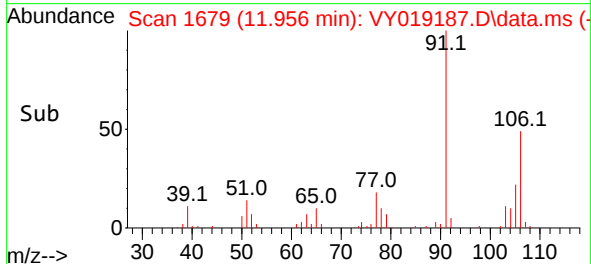
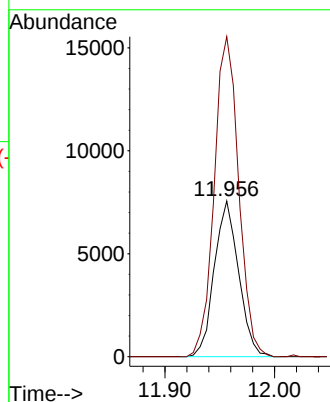
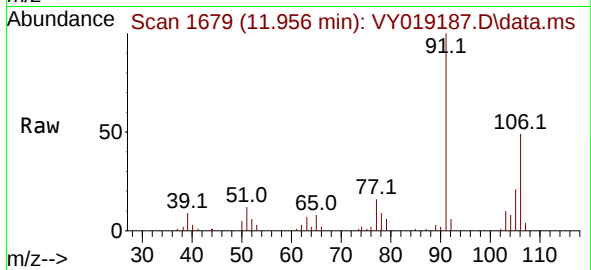
ClientSampleId :

Tgt Ion:106 Resp: 11648

Ion Ratio Lower Upper

106 100

91 206.9 103.6 310.8



#70

Styrene

Concen: 11.543 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

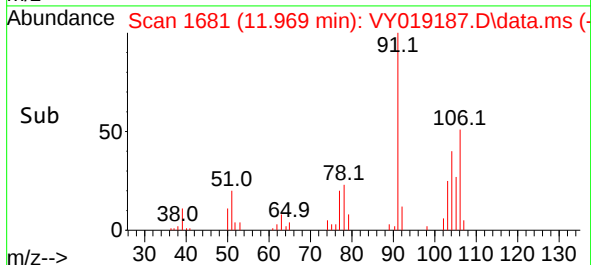
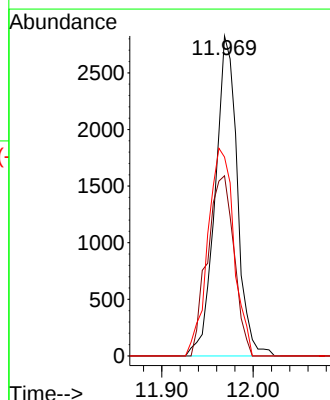
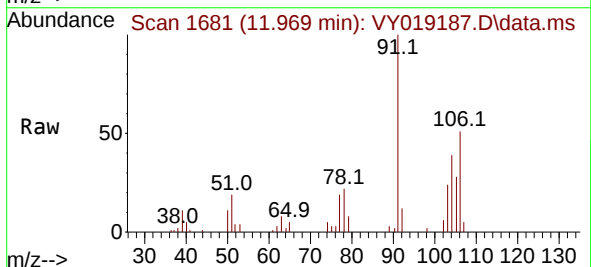
Tgt Ion:104 Resp: 4746

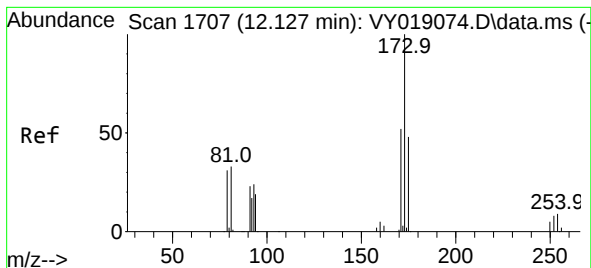
Ion Ratio Lower Upper

104 100

78 68.0 37.0 55.4#

103 76.5 44.2 66.2#





#71

Bromoform

Concen: 65.196 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.012 min

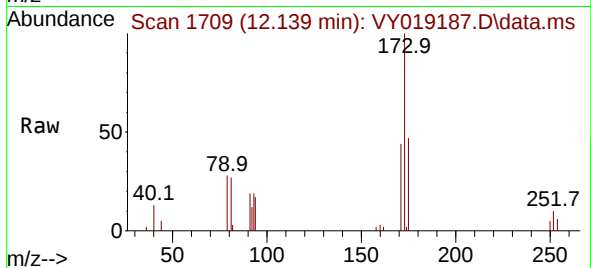
Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

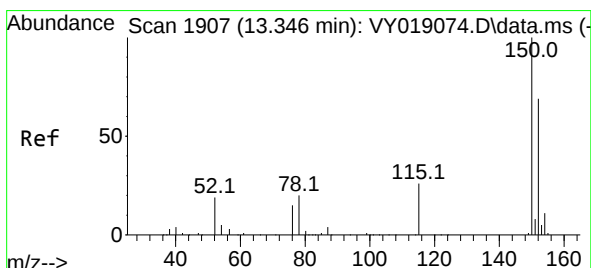
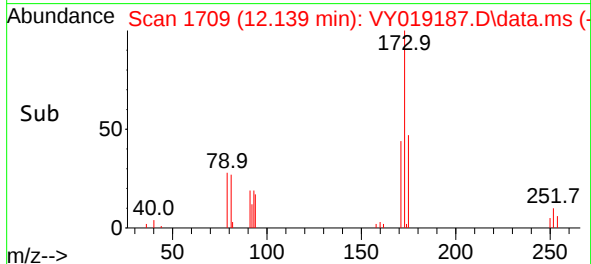
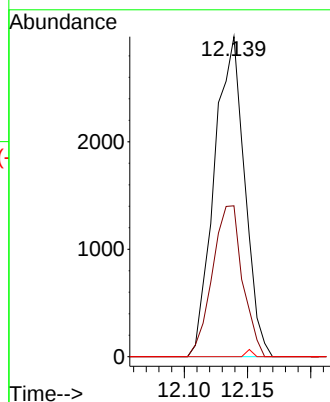
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	4955
Ion Ratio	Lower	Upper	
173	100		
175	47.1	25.1	75.3
254	0.5	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

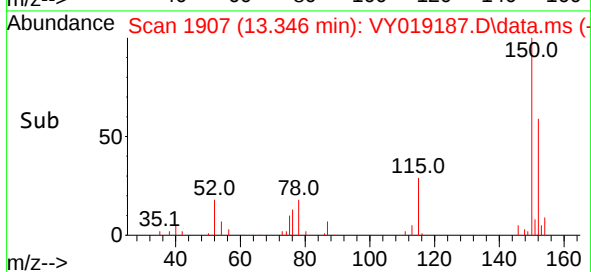
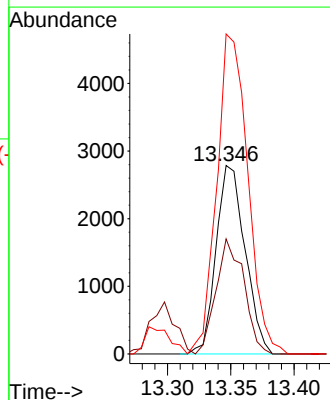
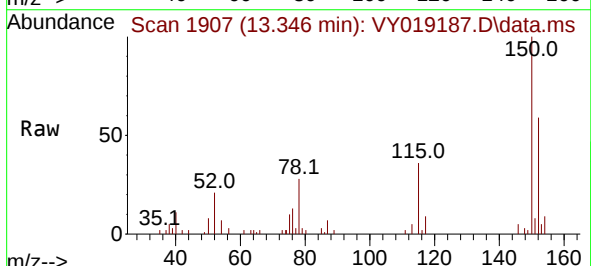
RT: 13.346 min Scan# 1907

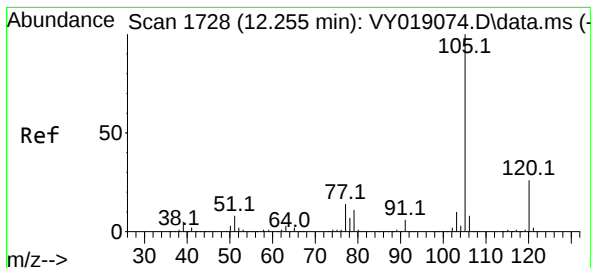
Delta R.T. 0.000 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Tgt Ion:	152	Resp:	4437
Ion Ratio	Lower	Upper	
152	100		
115	58.7	28.2	84.7
150	182.1	0.0	345.6





#73

Isopropylbenzene

Concen: 78.371 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

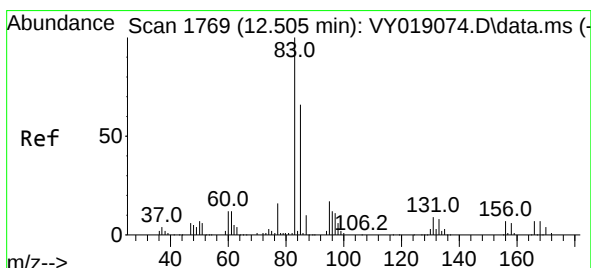
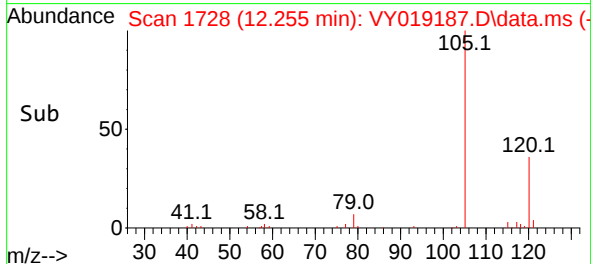
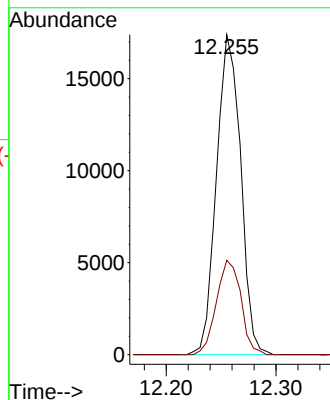
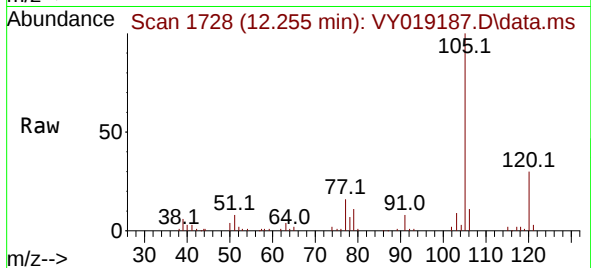
ClientSampleId :

Tgt Ion:105 Resp: 26652

Ion Ratio Lower Upper

105 100

120 29.9 13.4 40.1



#75

1,1,2,2-Tetrachloroethane

Concen: 182.778 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

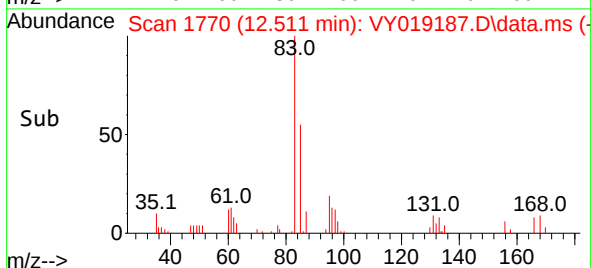
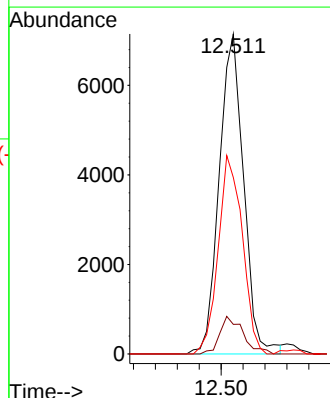
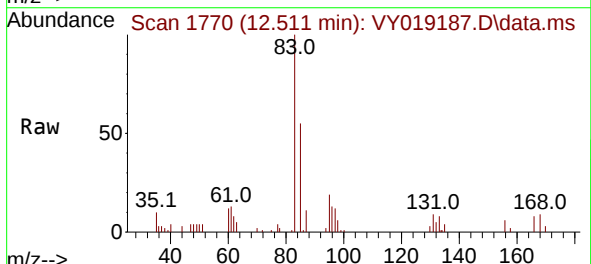
Tgt Ion: 83 Resp: 11066

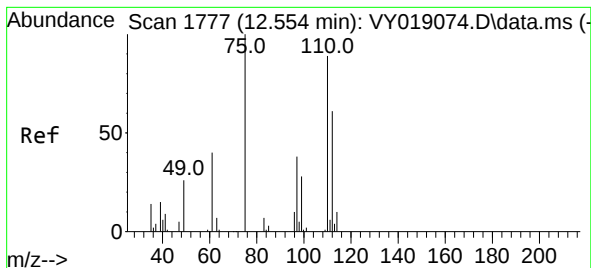
Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 61.3 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 220.400 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

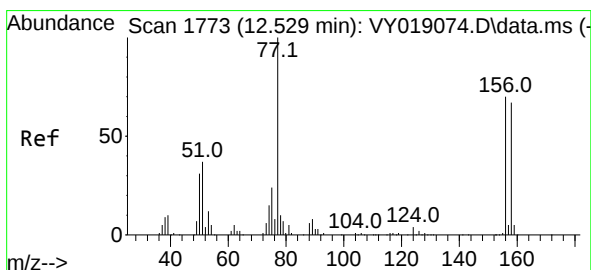
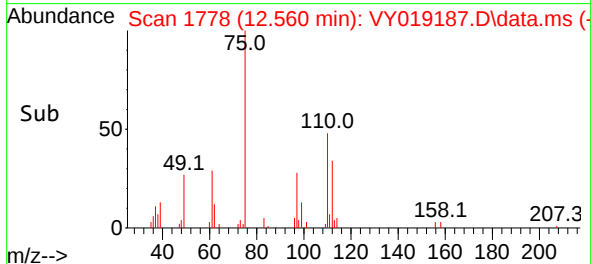
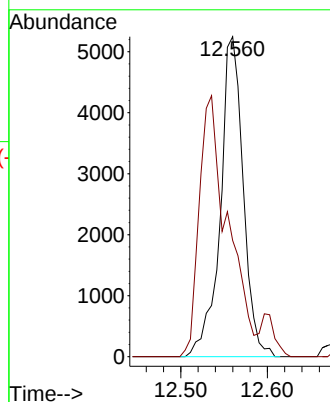
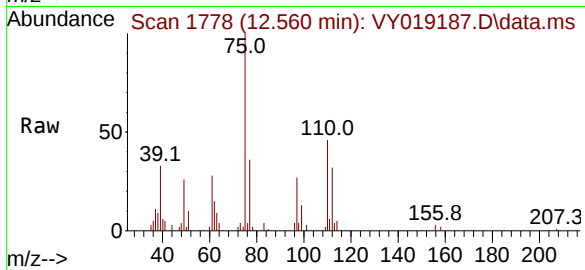
ClientSampleId :

Tgt Ion: 75 Resp: 9644

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 59.078 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

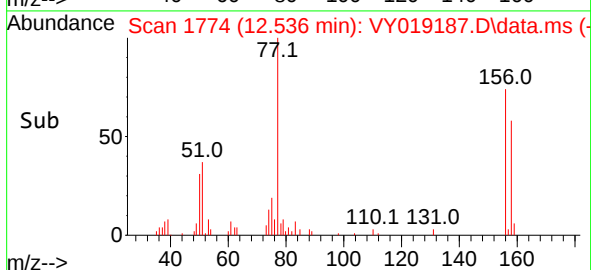
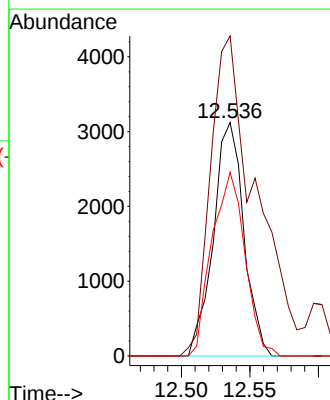
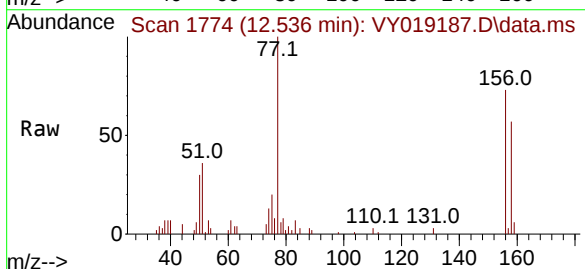
Tgt Ion: 156 Resp: 4825

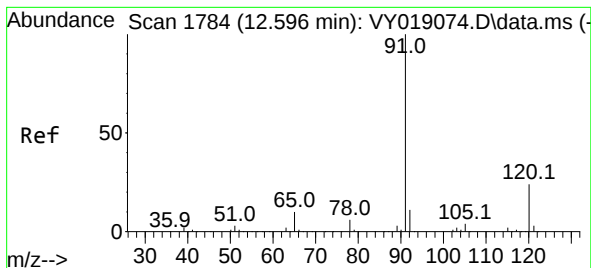
Ion Ratio Lower Upper

156 100

77 202.0 87.1 261.3

158 85.3 48.6 145.9





#78

n-propylbenzene

Concen: 53.542 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

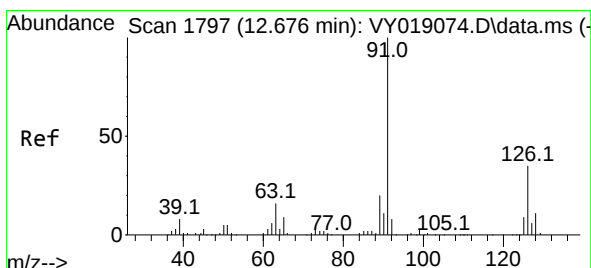
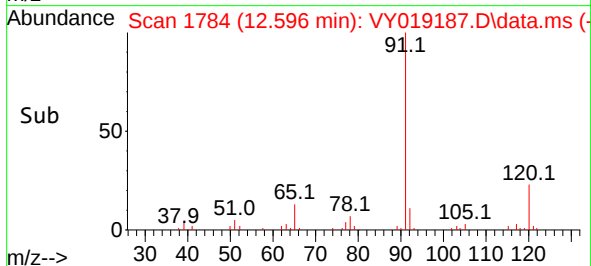
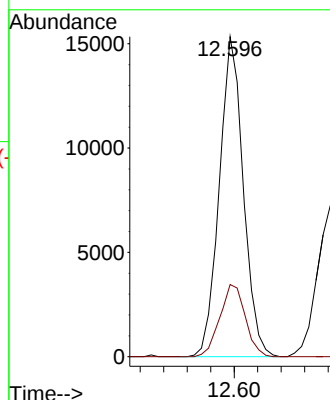
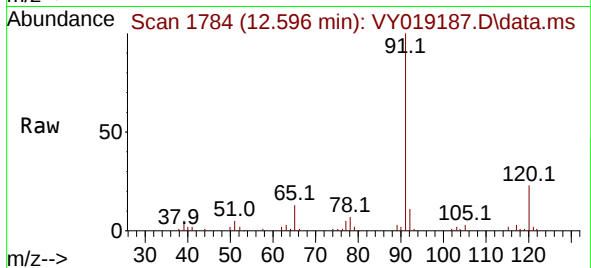
ClientSampleId :

Tgt Ion: 91 Resp: 21767

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4



#79

2-Chlorotoluene

Concen: 51.443 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019187.D

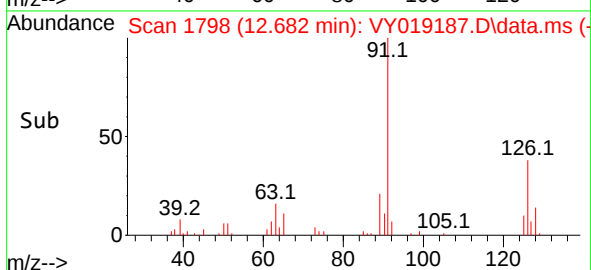
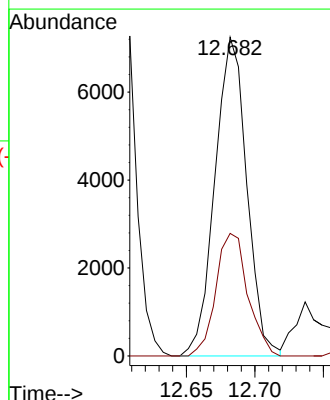
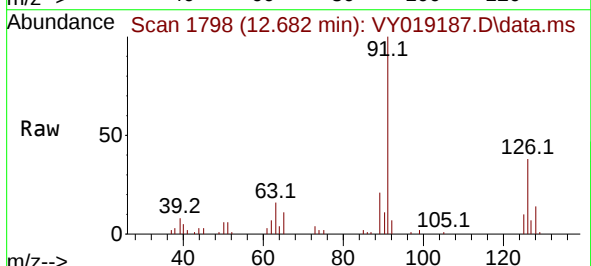
Acq: 21 Aug 2024 22:19

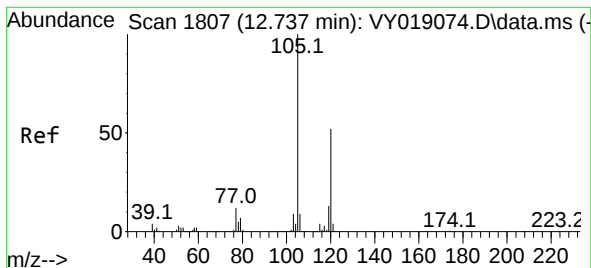
Tgt Ion: 91 Resp: 11725

Ion Ratio Lower Upper

91 100

126 38.6 17.8 53.5





#80

1,3,5-Trimethylbenzene

Concen: 54.010 ug/l

RT: 12.743 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

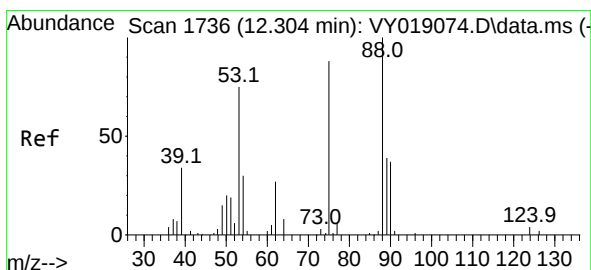
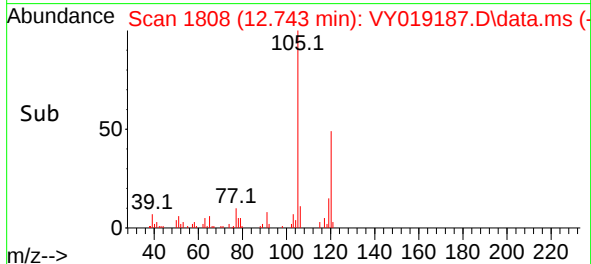
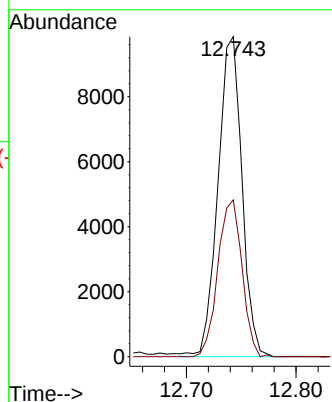
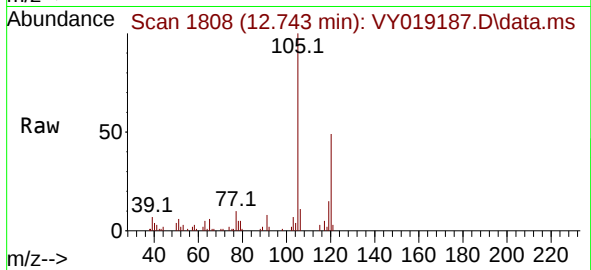
ClientSampleId :

Tgt Ion:105 Resp: 14963

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 19.020 ug/l

RT: 12.310 min Scan# 1737

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

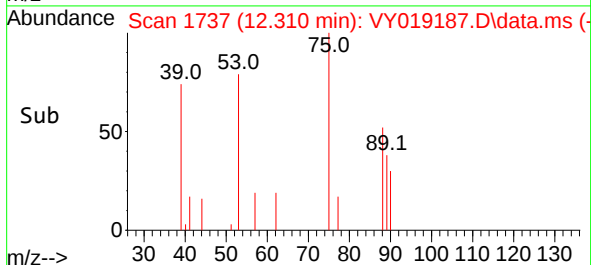
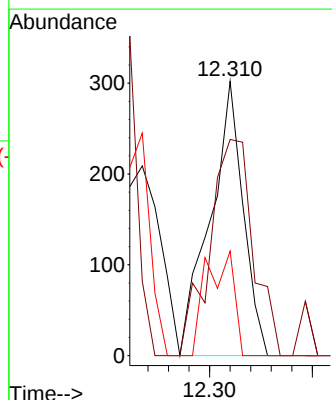
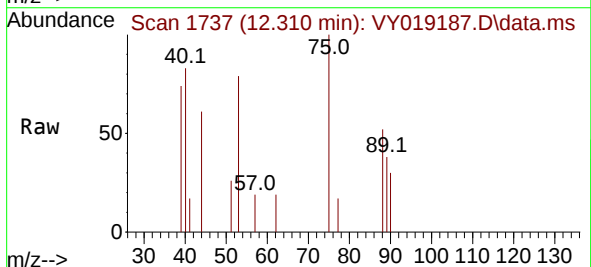
Tgt Ion: 75 Resp: 337

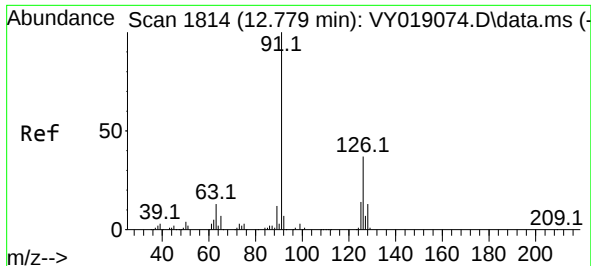
Ion Ratio Lower Upper

75 100

53 104.5 66.8 100.2#

89 32.3 35.8 53.6#

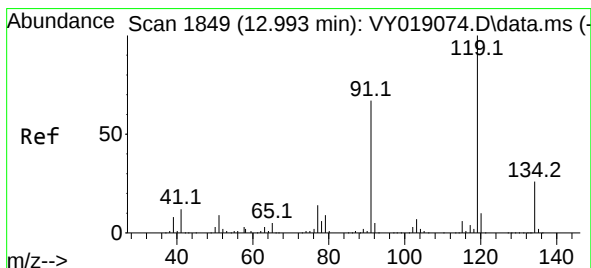
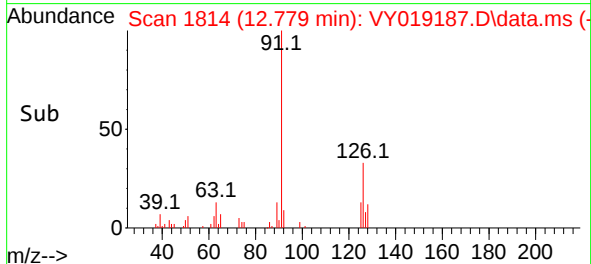
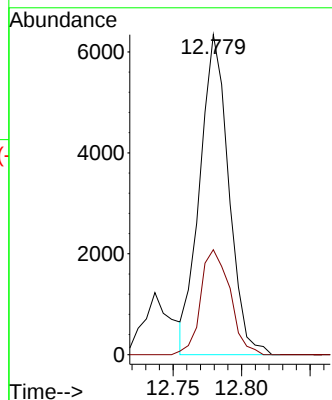
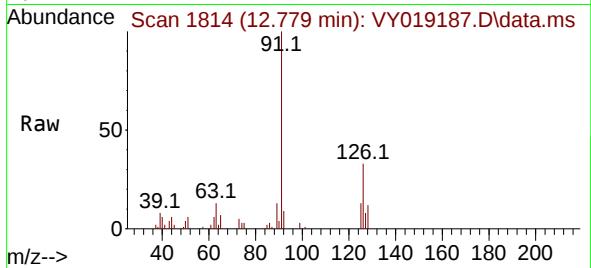




#82
4-Chlorotoluene
Concen: 39.220 ug/l
RT: 12.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

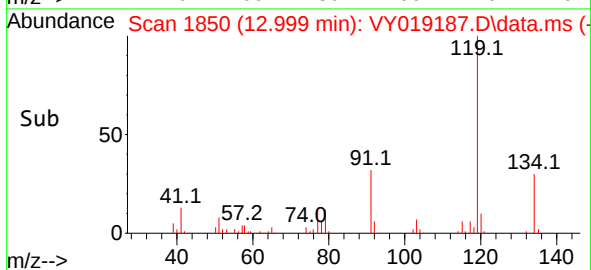
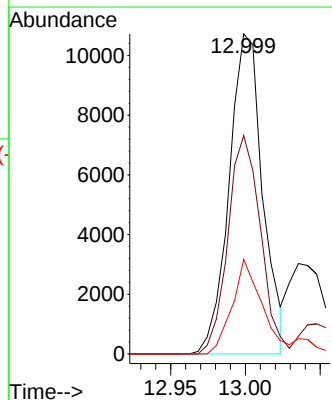
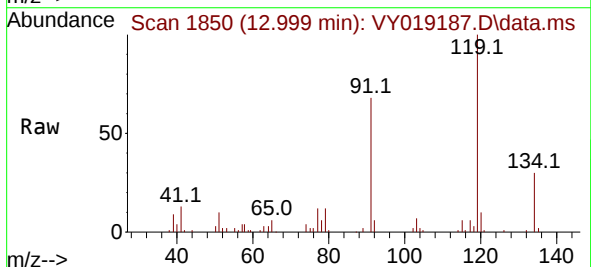
Instrument :
MSVOA_Y
ClientSampleId :

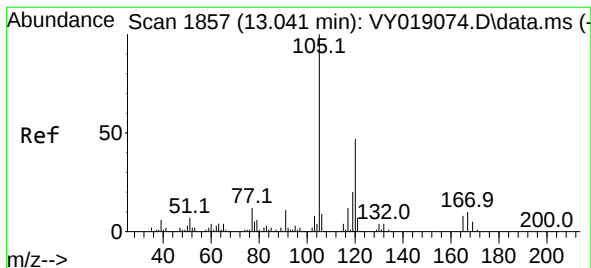
Tgt Ion: 91 Resp: 9300
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.9



#83
tert-Butylbenzene
Concen: 65.403 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

Tgt Ion: 119 Resp: 16733
Ion Ratio Lower Upper
119 100
91 66.2 31.3 93.8
134 26.3 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 46.307 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

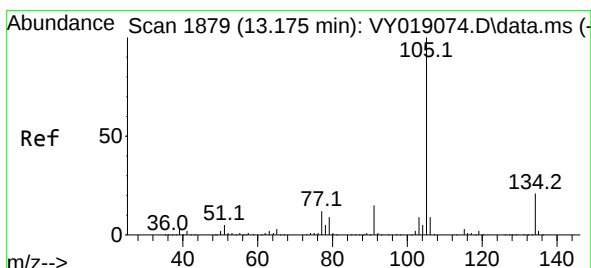
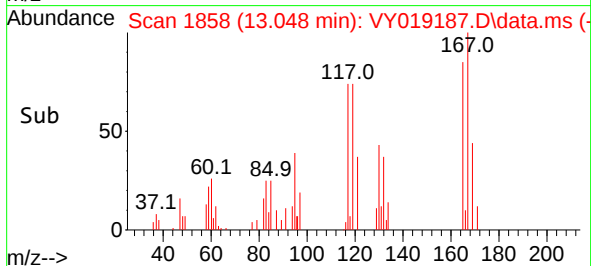
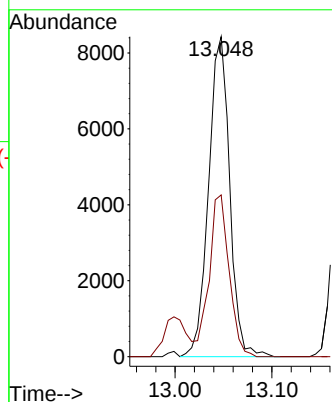
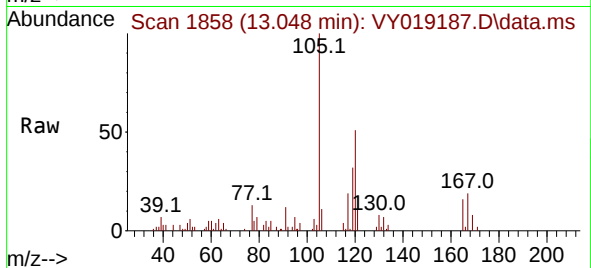
ClientSampleId :

Tgt Ion:105 Resp: 12786

Ion Ratio Lower Upper

105 100

120 48.3 23.2 69.6



#85

sec-Butylbenzene

Concen: 43.494 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019187.D

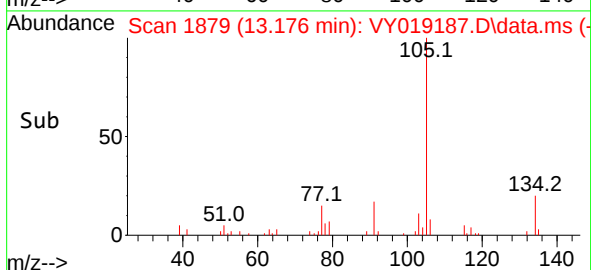
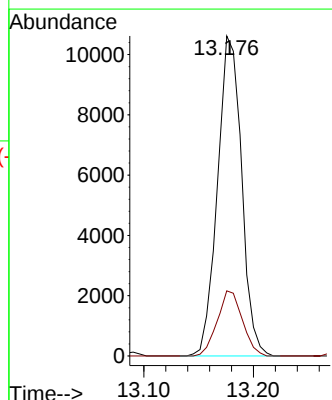
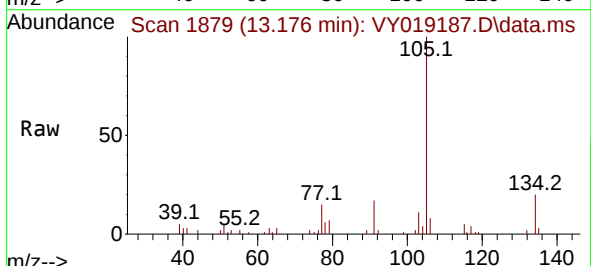
Acq: 21 Aug 2024 22:19

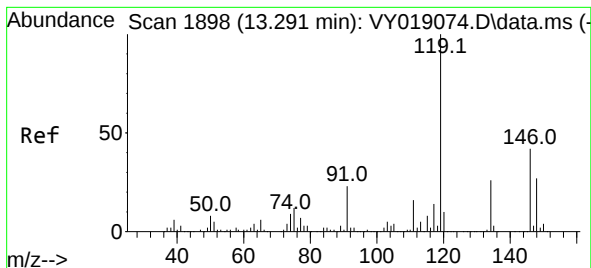
Tgt Ion:105 Resp: 16216

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1





#86

p-Isopropyltoluene

Concen: 39.841 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

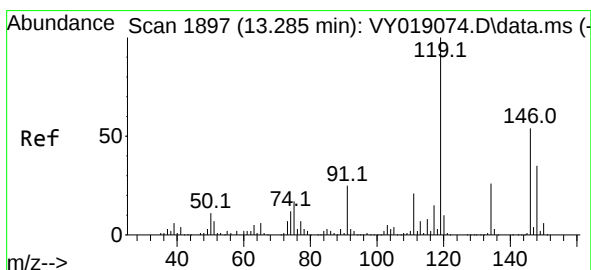
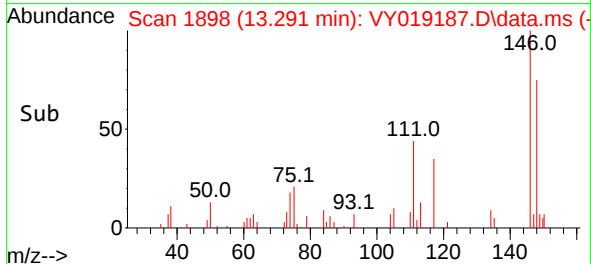
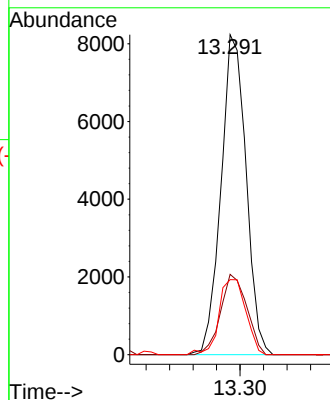
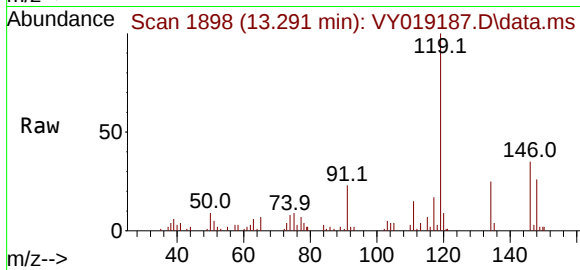
Tgt Ion:119 Resp: 12201

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 25.2 10.7 32.1



#87

1,3-Dichlorobenzene

Concen: 27.492 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

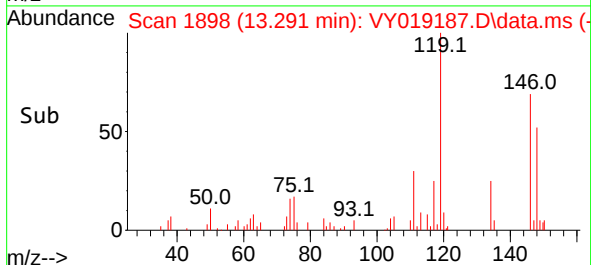
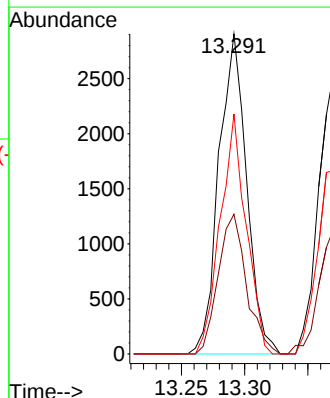
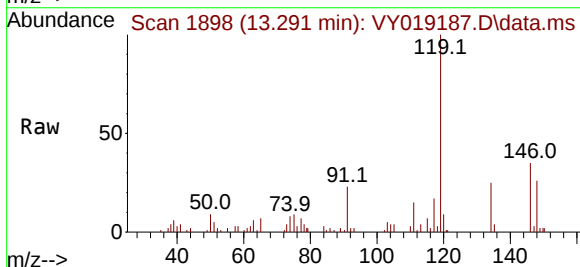
Tgt Ion:146 Resp: 4428

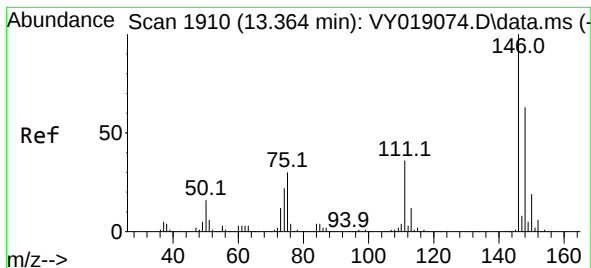
Ion Ratio Lower Upper

146 100

111 44.6 19.0 57.0

148 70.0 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 25.427 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

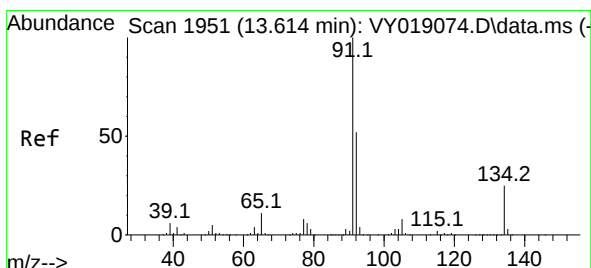
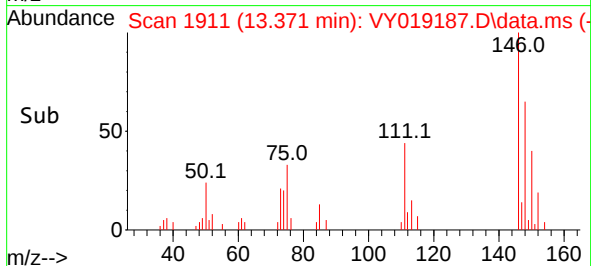
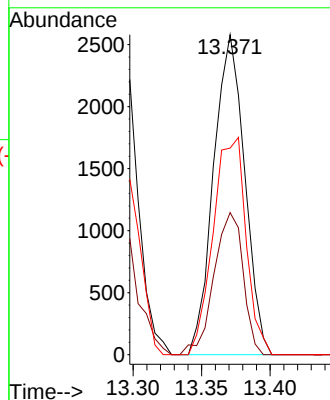
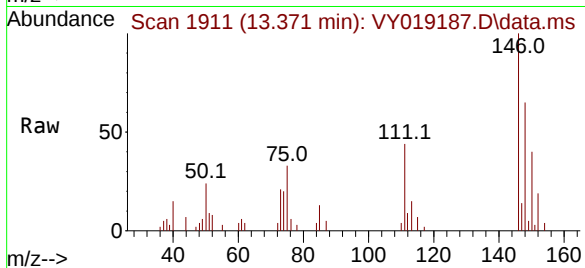
Tgt Ion:146 Resp: 4071

Ion Ratio Lower Upper

146 100

111 41.6 18.4 55.4

148 71.9 32.4 97.2



#89

n-Butylbenzene

Concen: 25.311 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

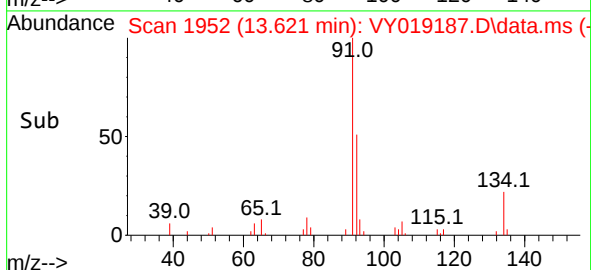
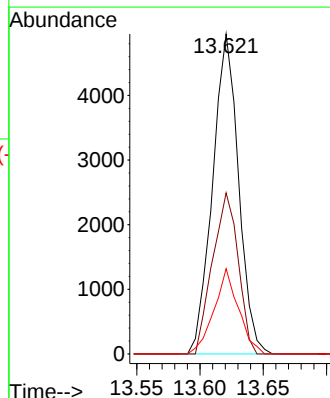
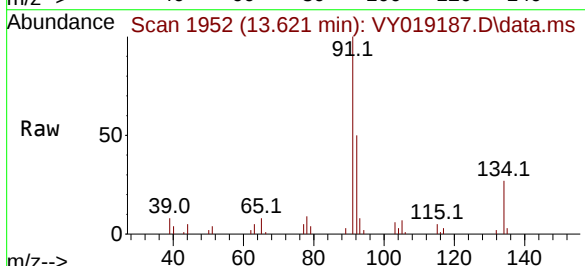
Tgt Ion: 91 Resp: 7067

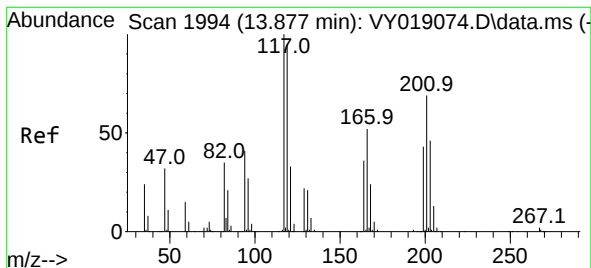
Ion Ratio Lower Upper

91 100

92 49.6 26.6 79.7

134 25.2 12.9 38.7





#90

Hexachloroethane

Concen: 51.755 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

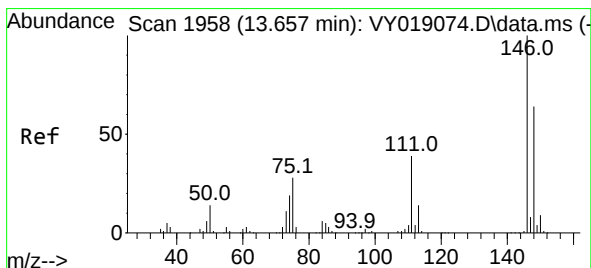
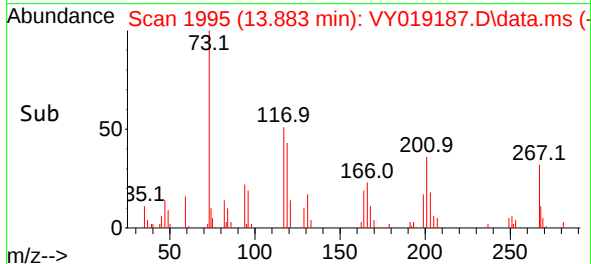
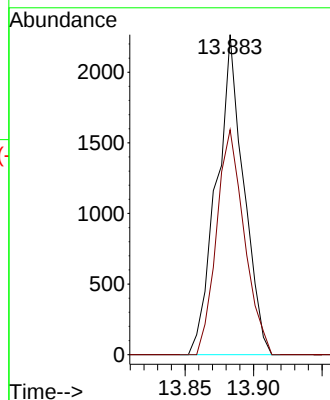
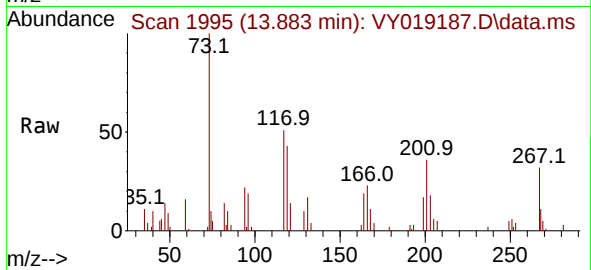
ClientSampleId :

Tgt Ion:117 Resp: 3124

Ion Ratio Lower Upper

117 100

201 71.7 37.4 112.2



#91

1,2-Dichlorobenzene

Concen: 31.173 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

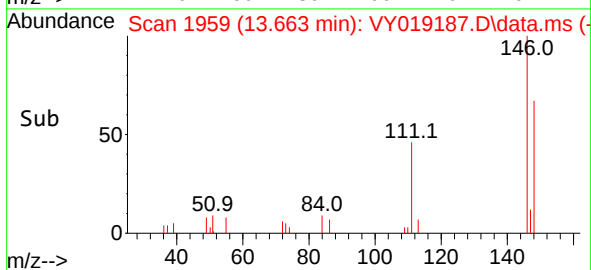
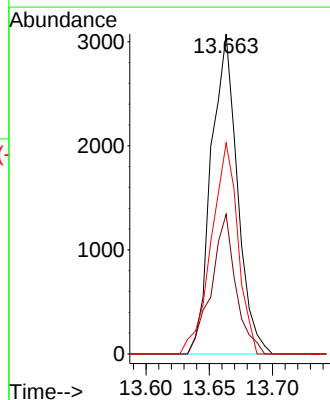
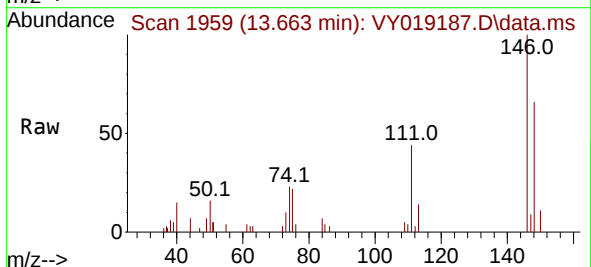
Tgt Ion:146 Resp: 4416

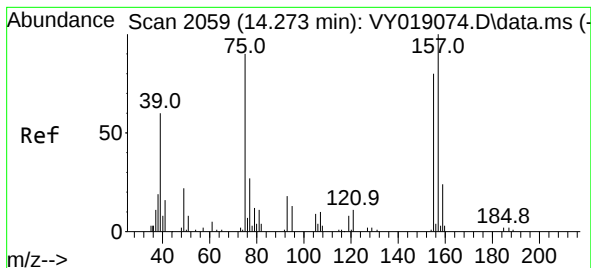
Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.7

148 66.8 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 110.032 ug/l

RT: 14.279 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY019187.D

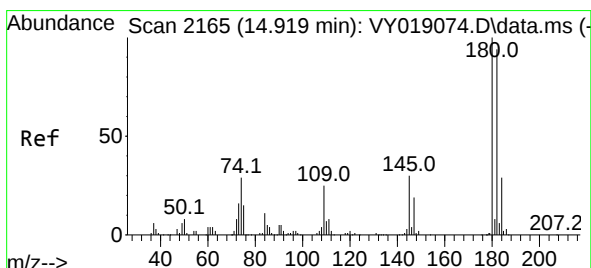
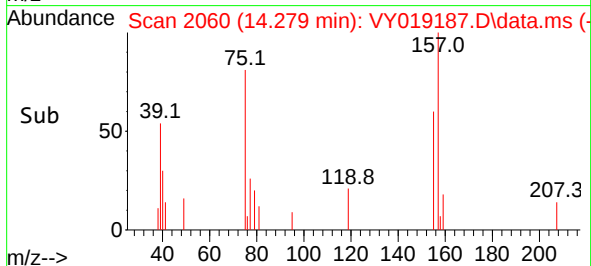
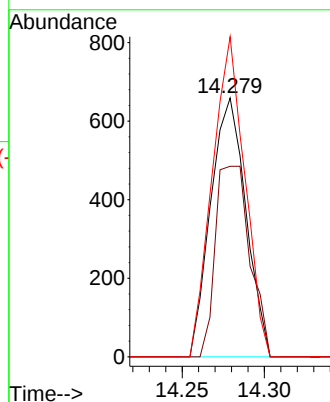
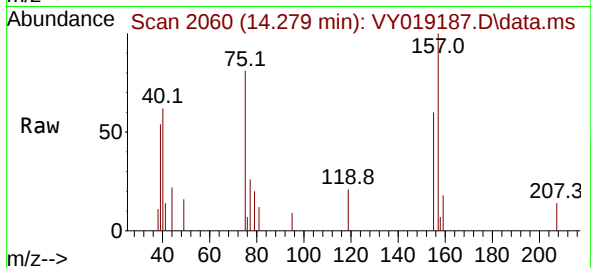
Acq: 21 Aug 2024 22:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	980
Ion Ratio	Lower	Upper
75	100	
155	72.2	48.6 145.8
157	114.3	62.7 188.2



#93

1,2,4-Trichlorobenzene

Concen: 11.116 ug/l

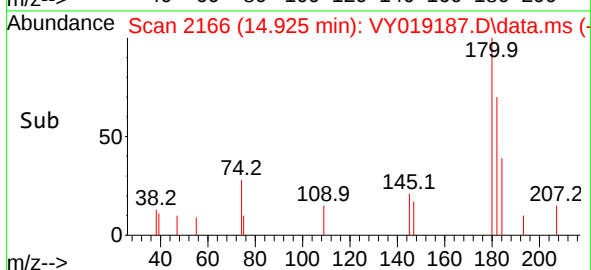
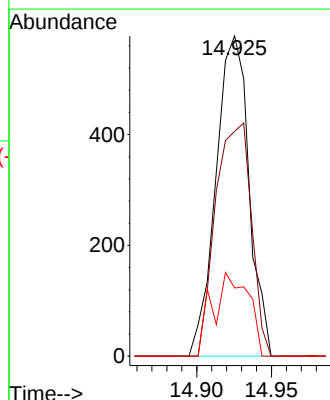
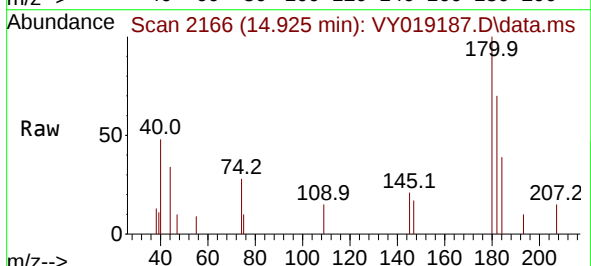
RT: 14.925 min Scan# 2166

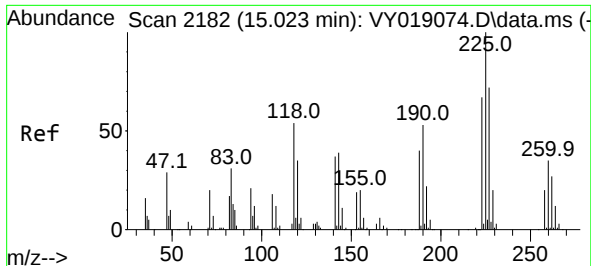
Delta R.T. 0.006 min

Lab File: VY019187.D

Acq: 21 Aug 2024 22:19

Tgt Ion: 180	Resp:	888
Ion Ratio	Lower	Upper
180	100	
182	78.4	47.9 143.8
145	28.0	14.2 42.6

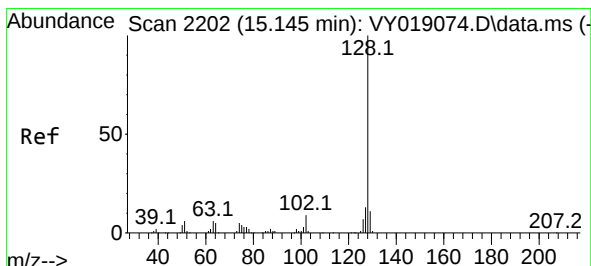
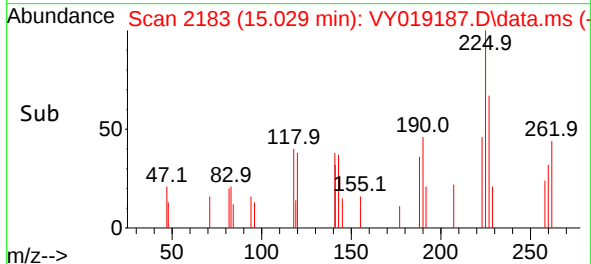
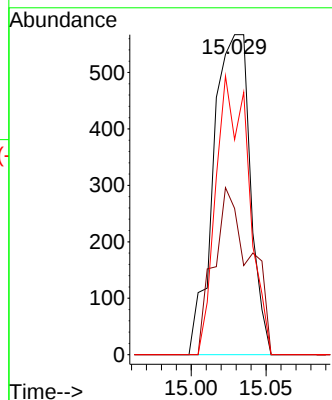
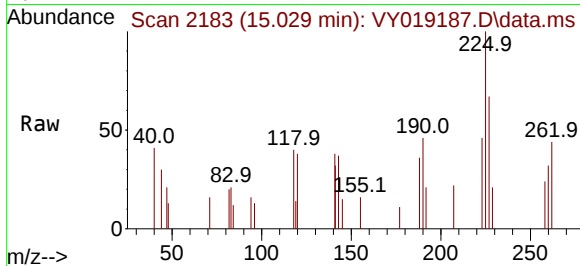




#94
Hexachlorobutadiene
Concen: 23.263 ug/l
RT: 15.029 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

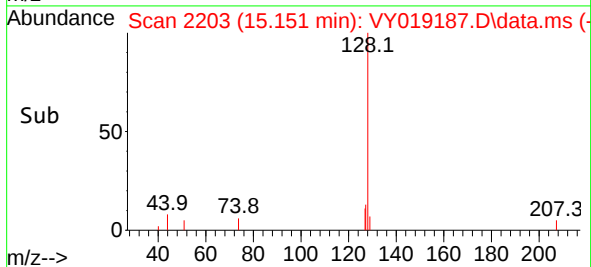
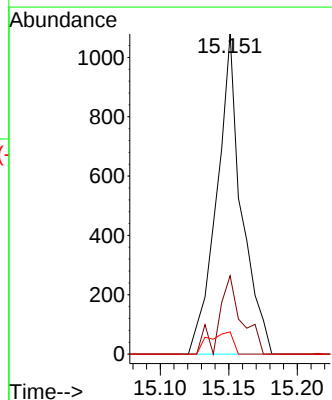
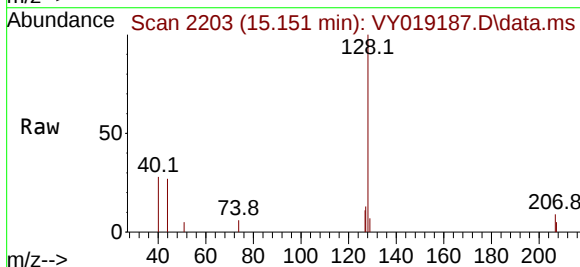
Instrument :
MSVOA_Y
ClientSampleId :

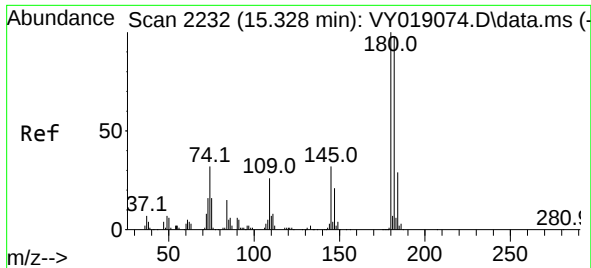
Tgt Ion	Ratio	Lower	Upper
225	100		
223	51.7	30.4	91.2
227	77.4	31.9	95.9



#95
Naphthalene
Concen: 9.532 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY019187.D
Acq: 21 Aug 2024 22:19

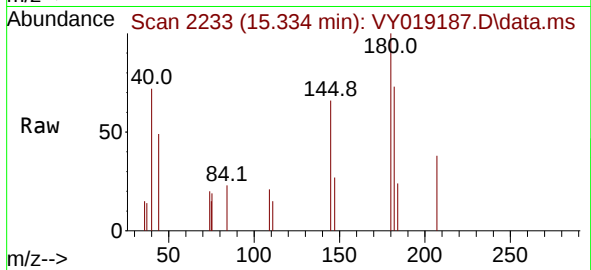
Tgt Ion	Ratio	Lower	Upper
128	100		
127	22.7	10.6	16.0#
129	6.7	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 12.615 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019187.D
 Acq: 21 Aug 2024 22:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	850
Ion	Ratio	Lower	Upper
180	100		
182	86.7	47.6	142.9
145	37.4	15.4	46.1

