

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019236.D
 Acq On : 22 Aug 2024 21:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 02:00:13 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	141210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	233816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	204593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	99747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	70036	49.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.622	113	71942	47.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.120%
50) Toluene-d8	10.103	98	214367	38.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.920%
62) 4-Bromofluorobenzene	12.408	95	89248	47.586	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	44178	42.641	ug/l	97
3) Chloromethane	2.068	50	71840	38.470	ug/l	96
4) Vinyl Chloride	2.202	62	82531	35.779	ug/l	98
5) Bromomethane	2.592	94	58466	40.374	ug/l	95
6) Chloroethane	2.733	64	52550	34.733	ug/l	98
7) Trichlorofluoromethane	3.050	101	117609	33.724	ug/l	95
8) Diethyl Ether	3.446	74	35821	47.587	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.806	101	71183	45.913	ug/l	99
10) Methyl Iodide	3.995	142	75708	49.819	ug/l	96
11) Tert butyl alcohol	4.830	59	31575	264.119	ug/l	99
12) 1,1-Dichloroethene	3.781	96	66984	47.555	ug/l	89
13) Acrolein	3.641	56	18546	167.985	ug/l	96
14) Allyl chloride	4.373	41	97571	52.100	ug/l	93
15) Acrylonitrile	5.043	53	78725	255.594	ug/l	97
16) Acetone	3.854	43	61141	232.907	ug/l #	84
17) Carbon Disulfide	4.098	76	187666	47.236	ug/l	99
18) Methyl Acetate	4.373	43	41315	51.280	ug/l	94
19) Methyl tert-butyl Ether	5.110	73	171459	50.208	ug/l	97
20) Methylene Chloride	4.604	84	82609	50.843	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	75960	48.269	ug/l	98
22) Diisopropyl ether	6.013	45	228878	53.386	ug/l	98
23) Vinyl Acetate	5.952	43	892993	263.091	ug/l	96
24) 1,1-Dichloroethane	5.903	63	129743	49.486	ug/l	97
25) 2-Butanone	6.884	43	104438	247.034	ug/l	92
26) 2,2-Dichloropropane	6.872	77	99931	47.068	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	92797	50.108	ug/l	98
28) Bromochloromethane	7.232	49	60308	54.835	ug/l	93
29) Tetrahydrofuran	7.250	42	70822	260.599	ug/l	89
30) Chloroform	7.409	83	146996	50.316	ug/l	99
31) Cyclohexane	7.689	56	106514	52.848	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	128805	50.168	ug/l	98
36) 1,1-Dichloropropene	7.829	75	100313	47.783	ug/l	97
37) Ethyl Acetate	6.976	43	49601	53.328	ug/l	97
38) Carbon Tetrachloride	7.811	117	115388	47.428	ug/l	99
39) Methylcyclohexane	9.103	83	115813	42.988	ug/l	96
40) Benzene	8.073	78	316398	49.141	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	69385	136.675	ug/l #	25
42) 1,2-Dichloroethane	8.146	62	85159	48.979	ug/l	96
43) Isopropyl Acetate	8.189	43	92997	49.439	ug/l	93
44) Trichloroethene	8.860	130	84249	46.895	ug/l	96
45) 1,2-Dichloropropane	9.134	63	62742	43.737	ug/l	97
46) Dibromomethane	9.225	93	35483	38.136	ug/l	100
47) Bromodichloromethane	9.420	83	87910	38.511	ug/l	99
48) Methyl methacrylate	9.219	41	33752	40.261	ug/l	88
49) 1,4-Dioxane	9.219	88	7883	699.408	ug/l #	98
51) 4-Methyl-2-Pentanone	9.993	43	201967	202.293	ug/l	92
52) Toluene	10.170	92	175496	41.523	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	83486	44.089	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	86703	38.073	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	56821	47.439	ug/l	98
56) Ethyl methacrylate	10.439	69	71656	45.705	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	97241	49.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	157495	211.756	ug/l	95
59) 2-Hexanone	10.762	43	172581	251.608	ug/l	91
60) Dibromochloromethane	10.908	129	78637	48.202	ug/l	100
61) 1,2-Dibromoethane	11.012	107	55619	48.043	ug/l	98
64) Tetrachloroethene	10.646	164	84319	47.150	ug/l	99
65) Chlorobenzene	11.444	112	227134	48.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	78504	47.386	ug/l	98
67) Ethyl Benzene	11.518	91	398736	48.765	ug/l	99
68) m/p-Xylenes	11.627	106	313989	96.777	ug/l	99
69) o-Xylene	11.957	106	145268	48.350	ug/l	100
70) Styrene	11.969	104	252204	49.225	ug/l	98
71) Bromoform	12.133	173	44900	47.411	ug/l #	99
73) Isopropylbenzene	12.255	105	379690	49.664	ug/l	100
74) N-amyl acetate	12.072	43	85638	51.370	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	64890	47.676	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	82364	83.730	ug/l #	100
77) Bromobenzene	12.536	156	88645	48.280	ug/l	99
78) n-propylbenzene	12.597	91	446996	48.909	ug/l	99
79) 2-Chlorotoluene	12.682	91	255199	49.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	306132	49.153	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	18938	47.546	ug/l #	84
82) 4-Chlorotoluene	12.780	91	264240	49.569	ug/l	99
83) tert-Butylbenzene	12.999	119	276912	48.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	304349	49.031	ug/l	99
85) sec-Butylbenzene	13.176	105	404367	48.245	ug/l	99
86) p-Isopropyltoluene	13.292	119	335206	48.690	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	173276	47.854	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	168476	46.808	ug/l	99
89) n-Butylbenzene	13.621	91	301626	48.055	ug/l	99
90) Hexachloroethane	13.883	117	65089	47.966	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	152134	47.772	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9439	47.142	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	82449	45.909	ug/l	99
94) Hexachlorobutadiene	15.023	225	47503	50.781	ug/l	99
95) Naphthalene	15.145	128	153996	48.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	71927	47.486	ug/l	99

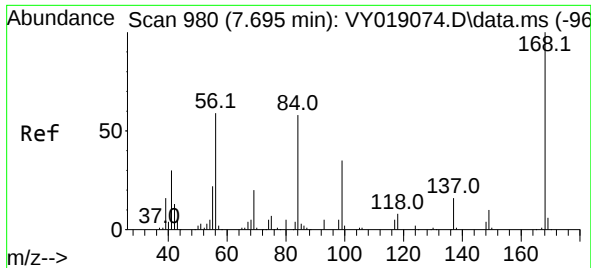
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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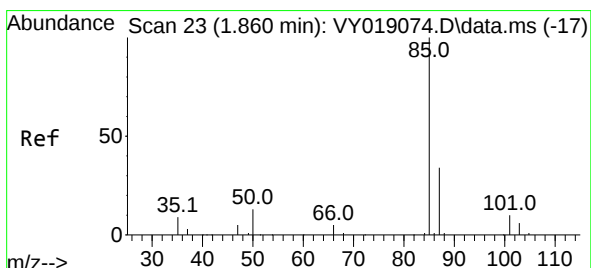
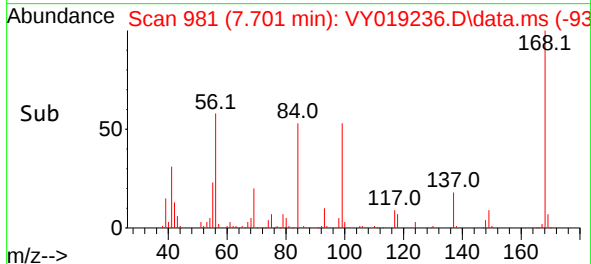
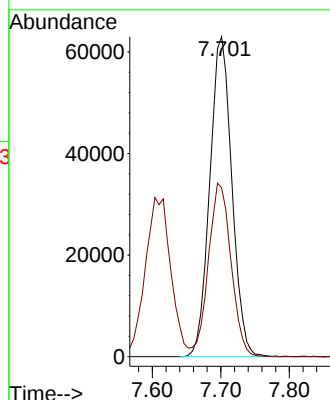
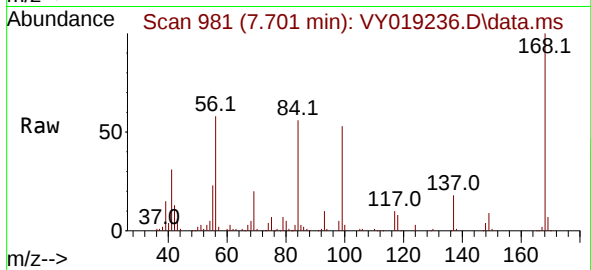
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019236.D
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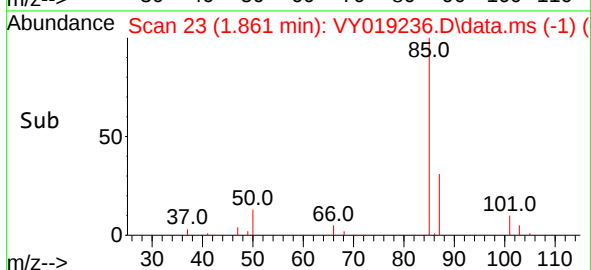
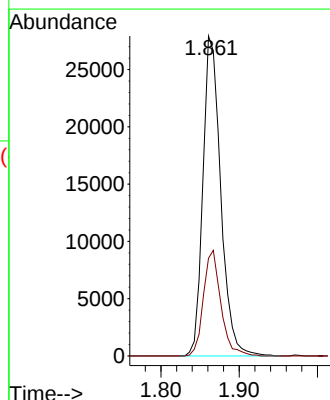
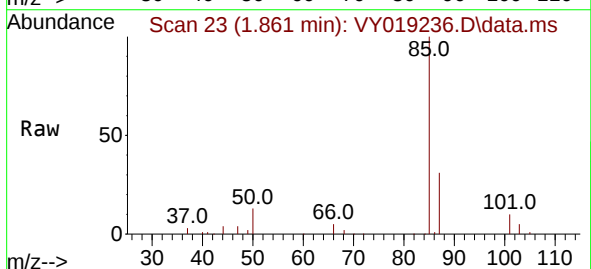
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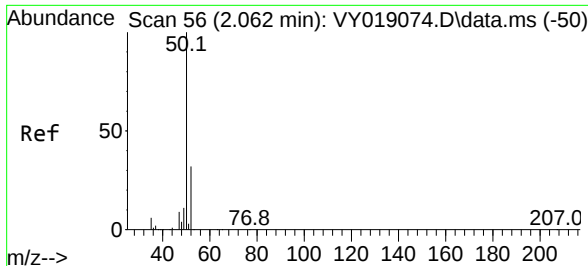
Tgt Ion:168 Resp: 141210
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.641 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 85 Resp: 44178
Ion Ratio Lower Upper
85 100
87 30.6 16.0 48.0

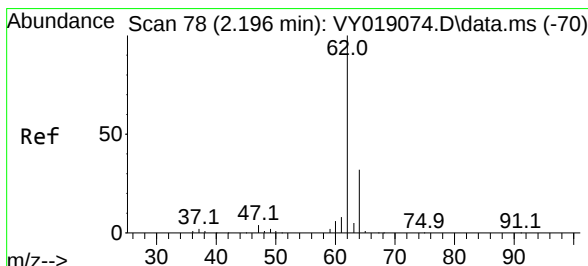
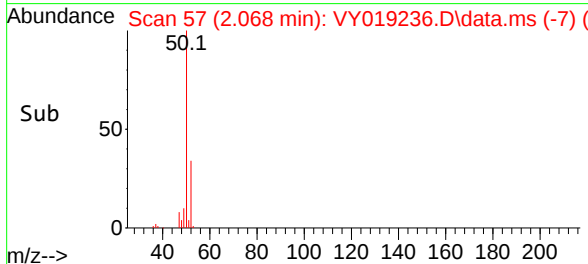
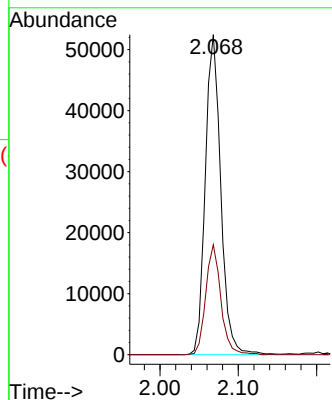
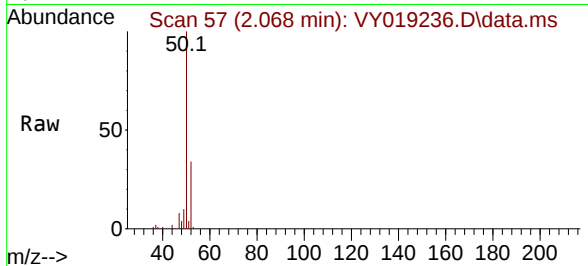




#3
Chloromethane
Concen: 38.470 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

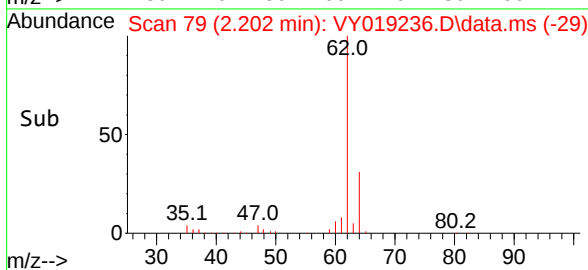
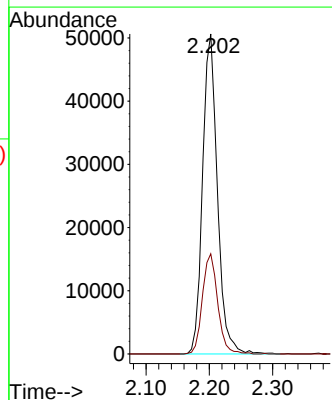
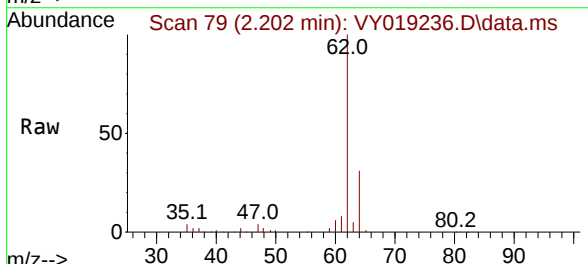
Instrument :
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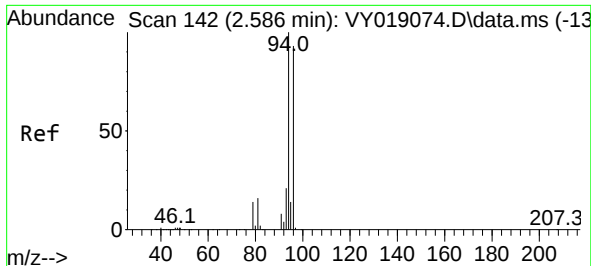
Tgt Ion: 50 Resp: 71840
Ion Ratio Lower Upper
50 100
52 34.4 25.6 38.4



#4
Vinyl Chloride
Concen: 35.779 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 62 Resp: 82531
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

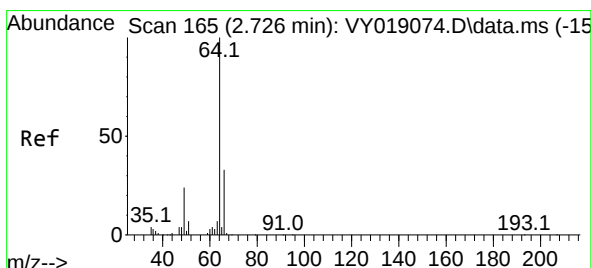
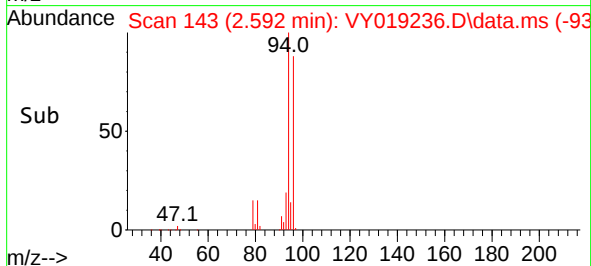
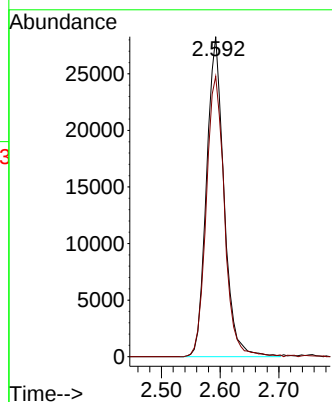
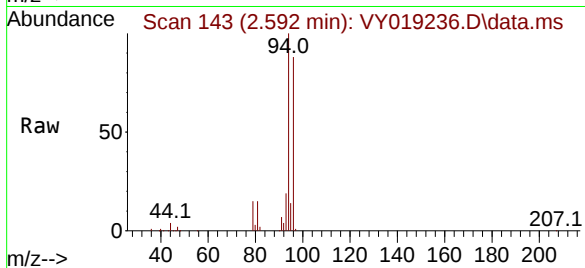




#5
Bromomethane
Concen: 40.374 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

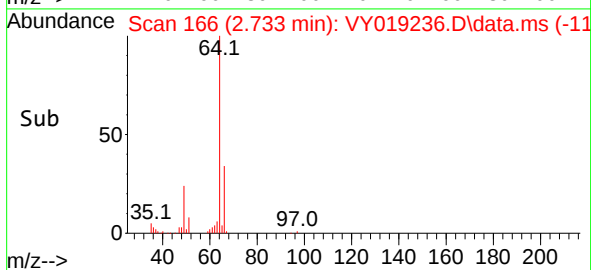
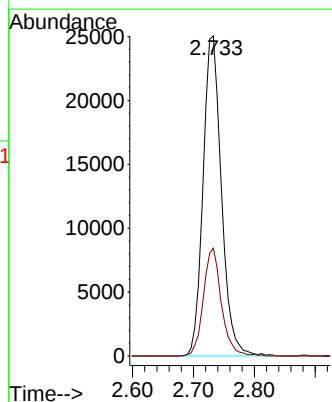
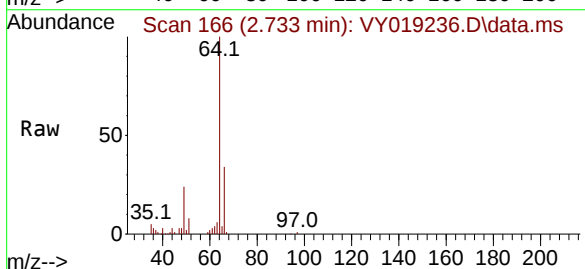
Instrument :
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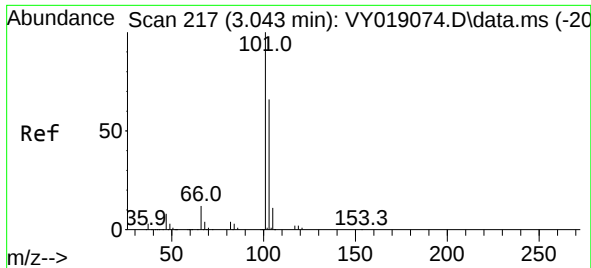
Tgt Ion: 94 Resp: 58466
Ion Ratio Lower Upper
94 100
96 87.6 74.1 111.1



#6
Chloroethane
Concen: 34.733 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.007 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 64 Resp: 52550
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

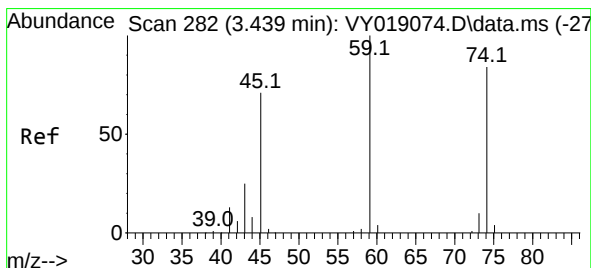
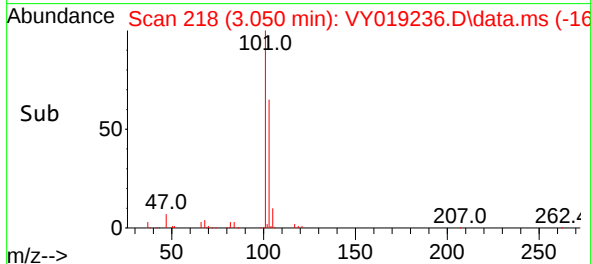
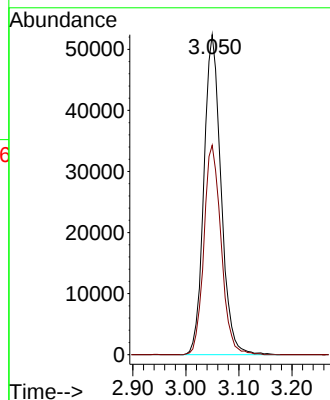
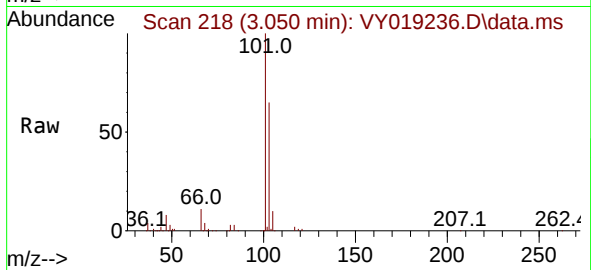




#7
 Trichlorofluoromethane
 Concen: 33.724 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33

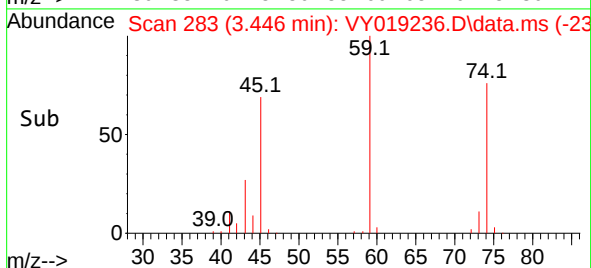
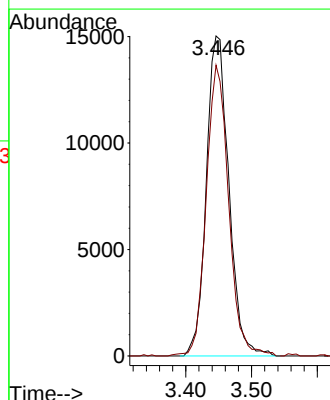
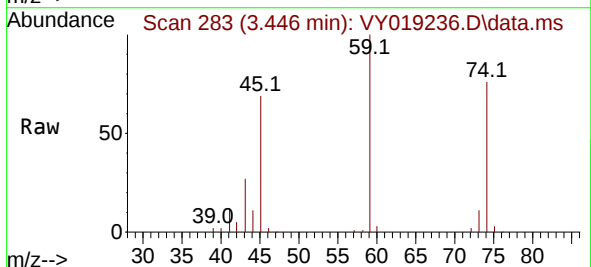
Instrument :
 MSVOA_Y
 ClientSampleId :

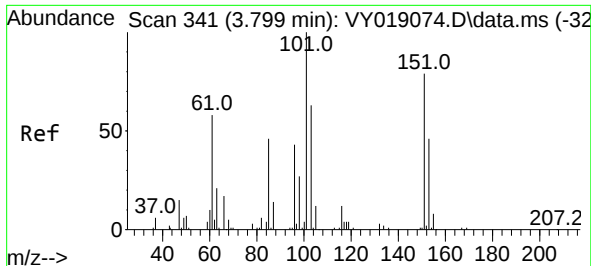
Tgt Ion:101 Resp: 117609
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.587 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33

Tgt Ion: 74 Resp: 35821
 Ion Ratio Lower Upper
 74 100
 45 90.4 41.3 124.1

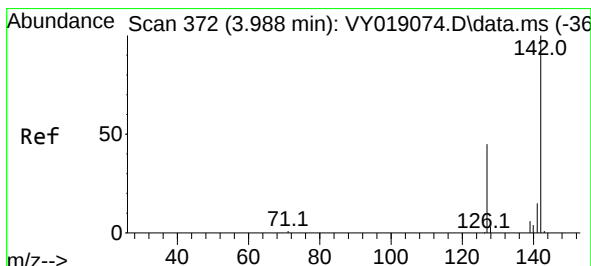
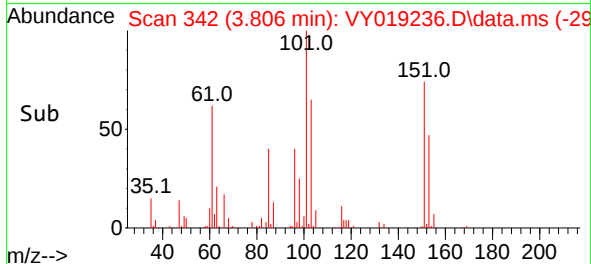
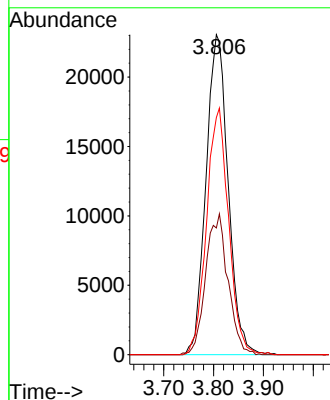
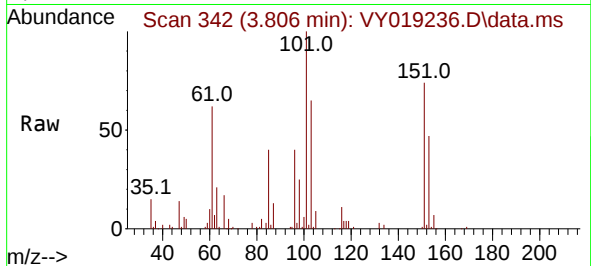




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.913 ug/l
RT: 3.806 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

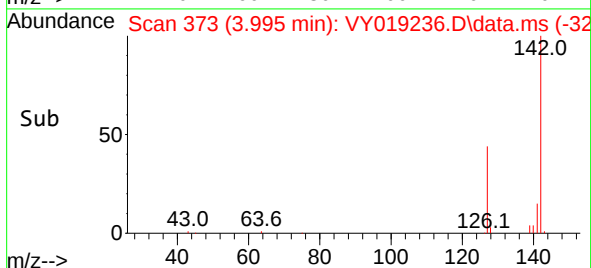
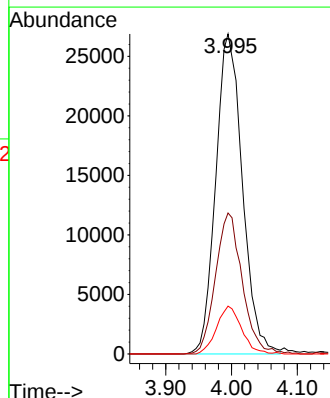
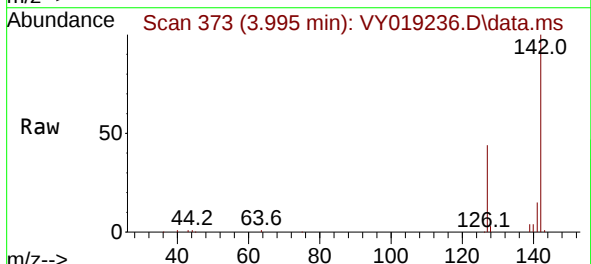
Instrument :
MSVOA_Y
ClientSampleId :

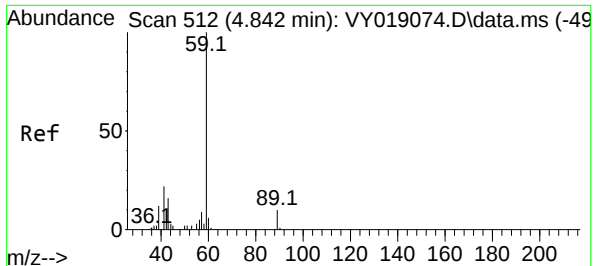
Tgt Ion:101 Resp: 71183
Ion Ratio Lower Upper
101 100
85 44.2 34.5 51.7
151 76.7 61.7 92.5



#10
Methyl Iodide
Concen: 49.819 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

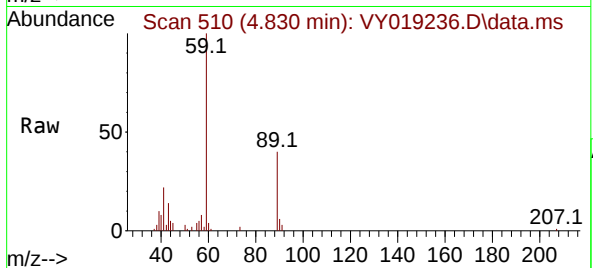
Tgt Ion:142 Resp: 75708
Ion Ratio Lower Upper
142 100
127 44.2 32.8 49.2
141 14.1 11.4 17.2



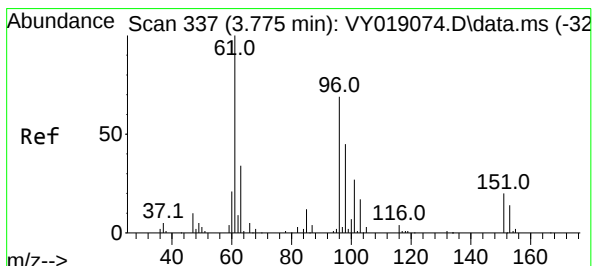
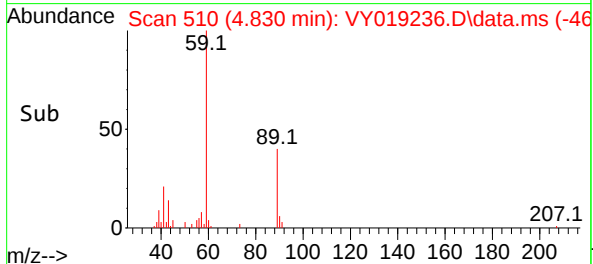
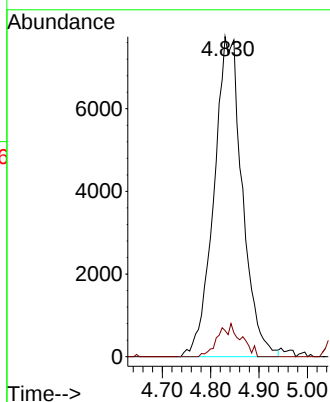


#11
Tert butyl alcohol
Concen: 264.119 ug/l
RT: 4.830 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Instrument :
MSVOA_Y
ClientSampleId :

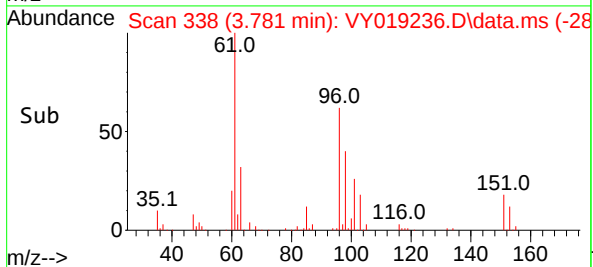
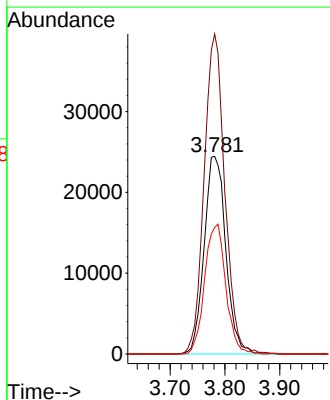
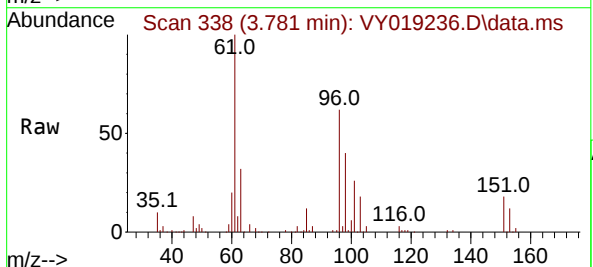


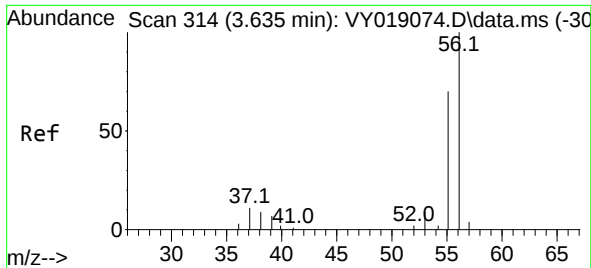
Tgt Ion: 59 Resp: 31575
Ion Ratio Lower Upper
59 100
57 4.0 3.0 4.6



#12
1,1-Dichloroethene
Concen: 47.555 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 96 Resp: 66984
Ion Ratio Lower Upper
96 100
61 162.0 114.6 171.8
98 64.1 50.8 76.2





#13

Acrolein

Concen: 167.985 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

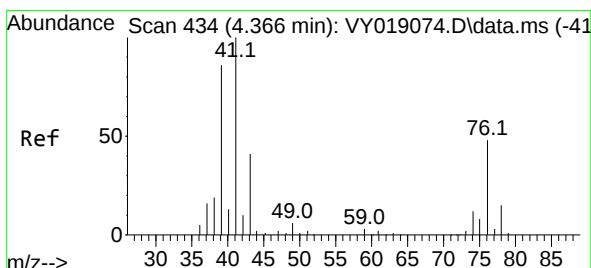
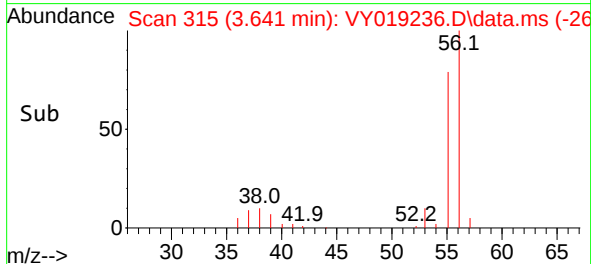
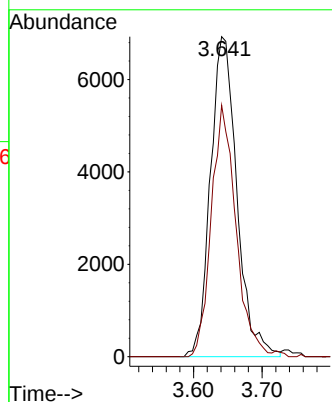
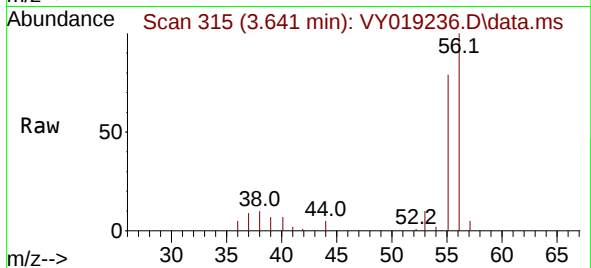
ClientSampleId :

Tgt Ion: 56 Resp: 18546

Ion Ratio Lower Upper

56 100

55 72.9 55.7 83.5



#14

Allyl chloride

Concen: 52.100 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

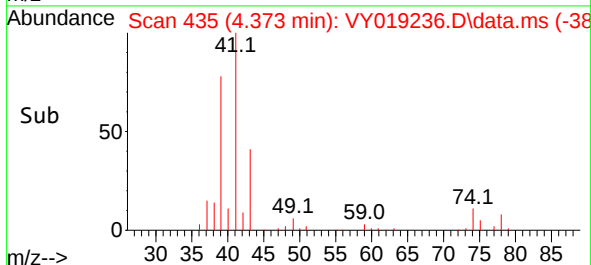
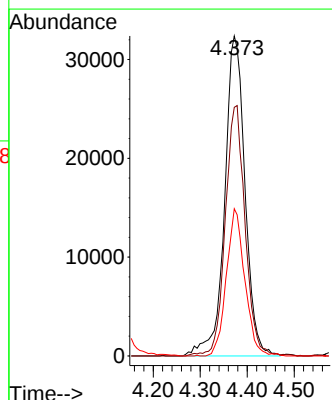
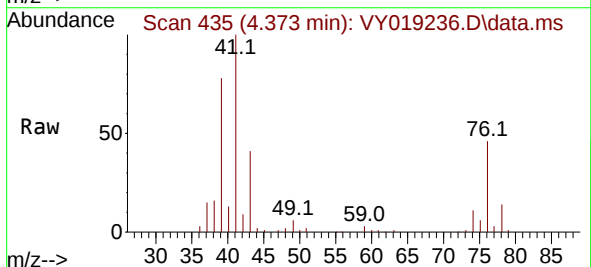
Tgt Ion: 41 Resp: 97571

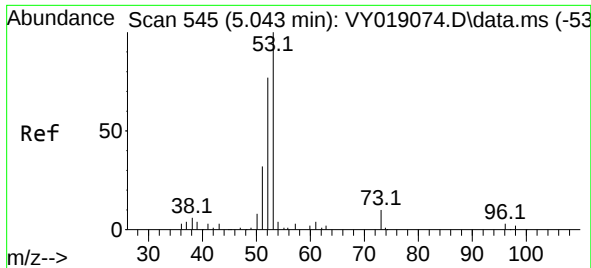
Ion Ratio Lower Upper

41 100

39 76.2 58.3 87.5

76 41.8 39.0 58.6

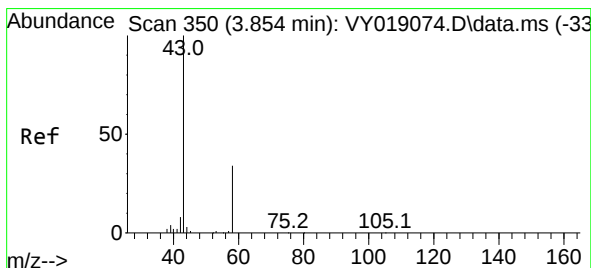
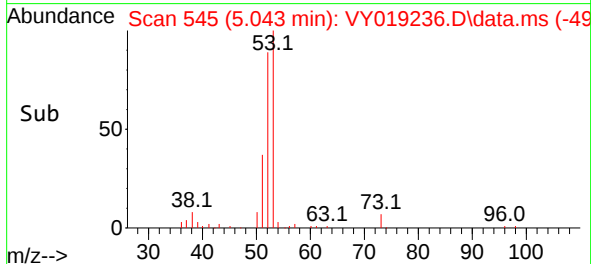
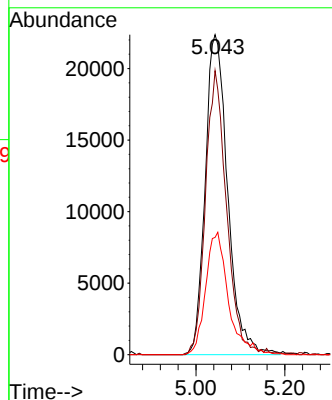
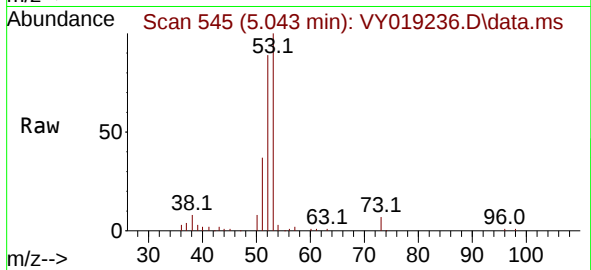




#15
Acrylonitrile
Concen: 255.594 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

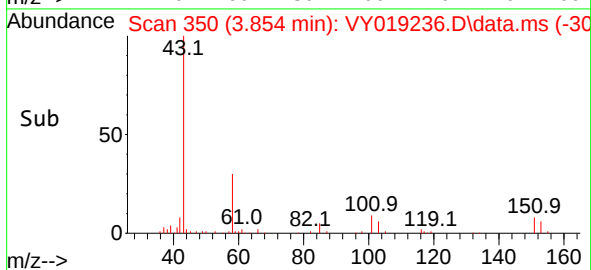
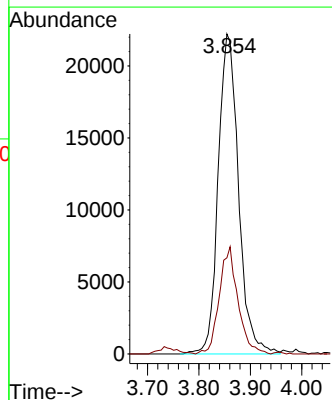
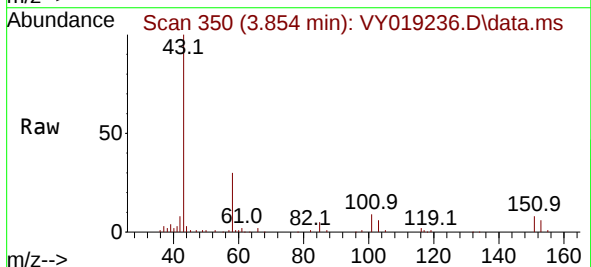
Instrument :
MSVOA_Y
ClientSampleId :

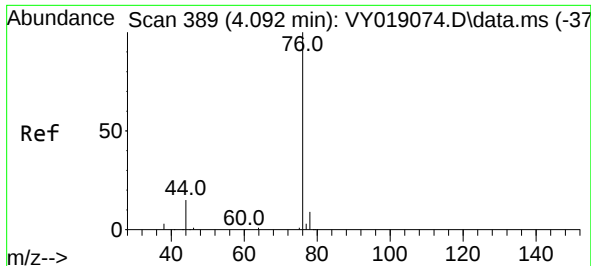
Tgt Ion: 53 Resp: 78725
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 38.8 28.4 42.6



#16
Acetone
Concen: 232.907 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 43 Resp: 61141
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#

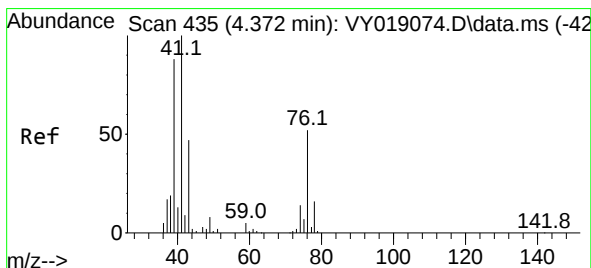
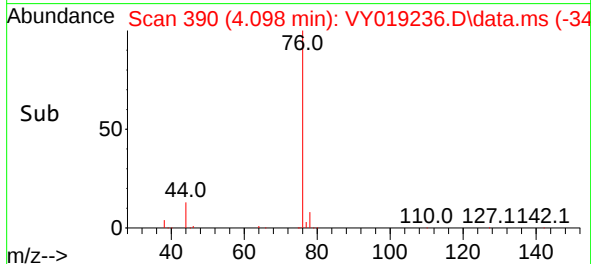
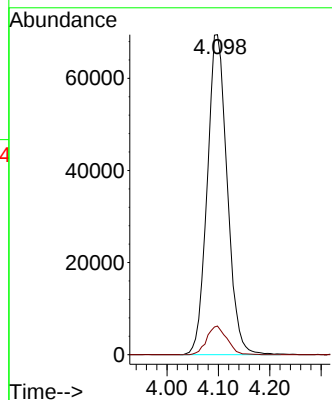
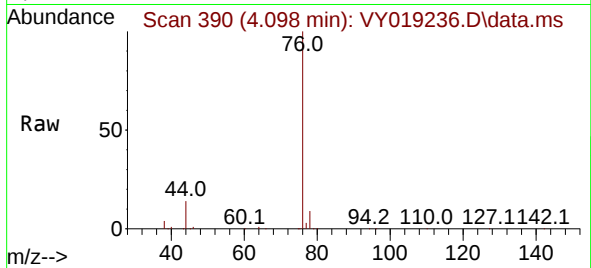




#17
Carbon Disulfide
Concen: 47.236 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

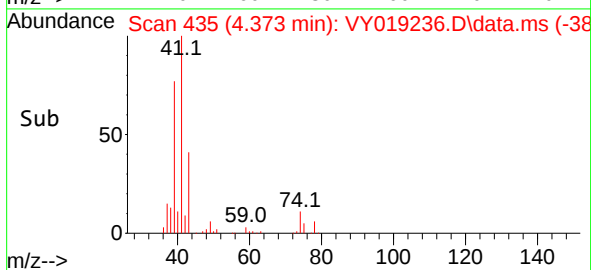
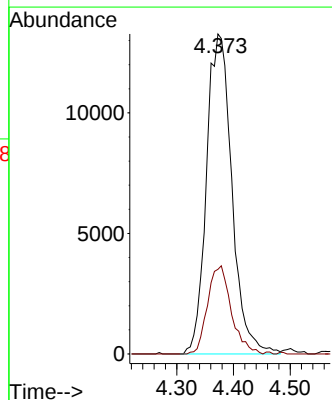
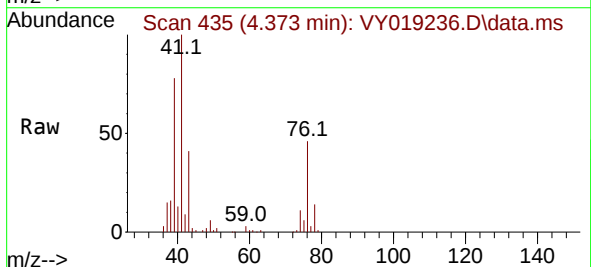
Instrument :
MSVOA_Y
ClientSampleId :

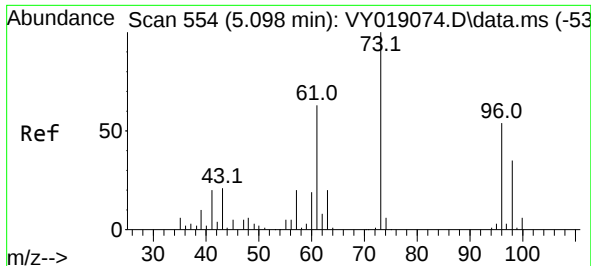
Tgt Ion: 76 Resp: 187666
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 51.280 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 43 Resp: 41315
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.208 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

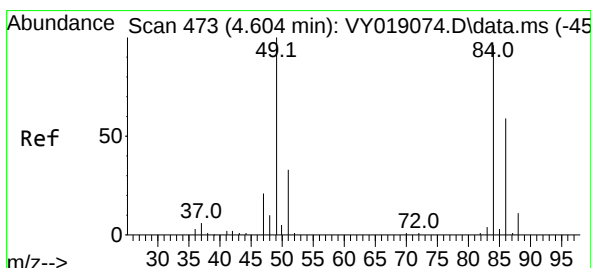
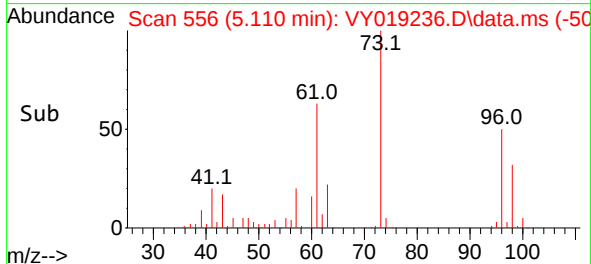
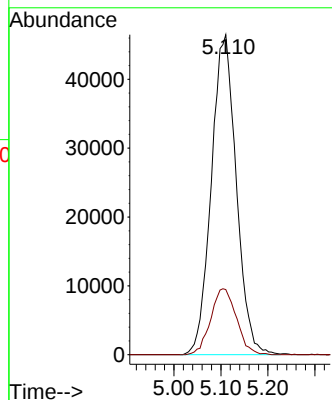
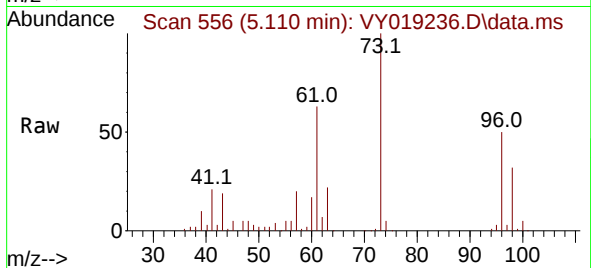
ClientSampleId :

Tgt Ion: 73 Resp: 171459

Ion Ratio Lower Upper

73 100

57 20.3 17.3 25.9



#20

Methylene Chloride

Concen: 50.843 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Tgt Ion: 84 Resp: 82609

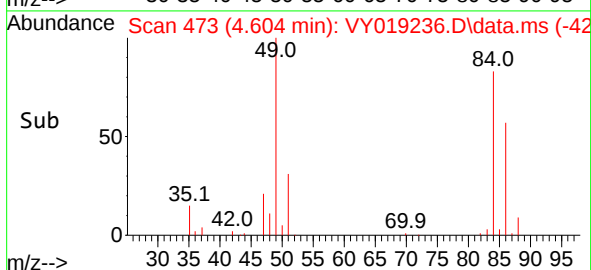
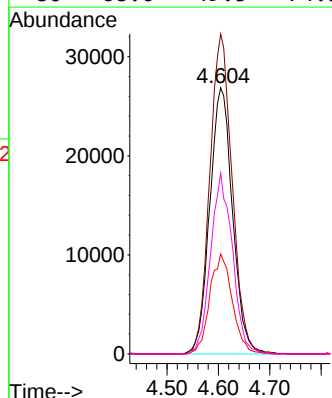
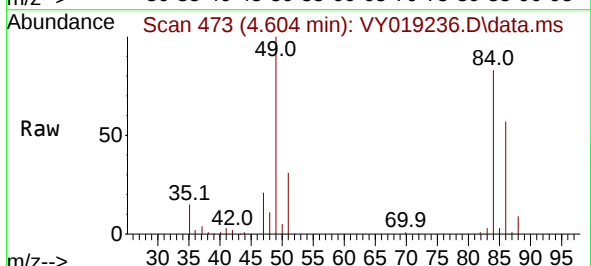
Ion Ratio Lower Upper

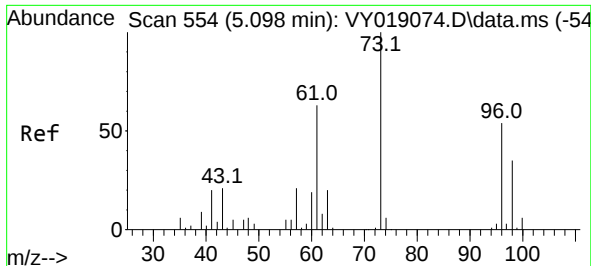
84 100

49 120.2 84.4 126.6

51 37.6 26.0 39.0

86 68.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 48.269 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

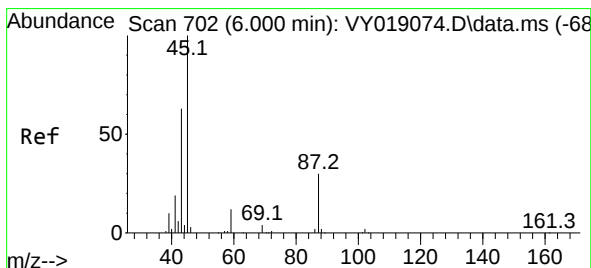
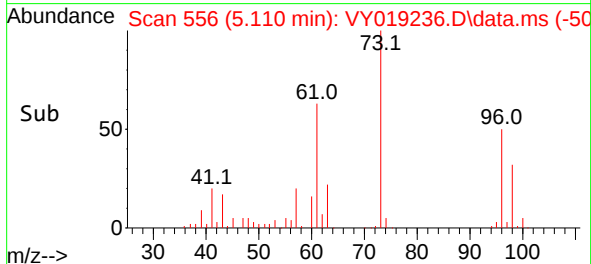
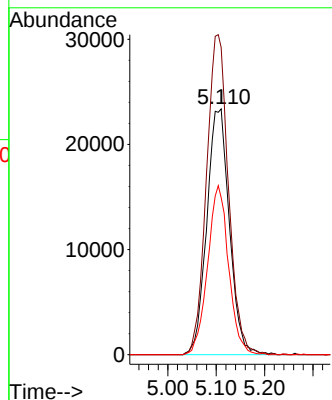
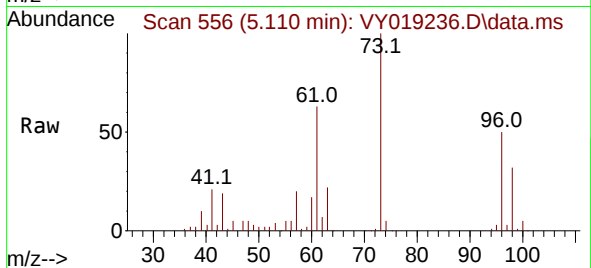
Tgt Ion: 96 Resp: 75960

Ion Ratio Lower Upper

96 100

61 125.0 97.5 146.3

98 63.9 50.5 75.7



#22

Diisopropyl ether

Concen: 53.386 ug/l

RT: 6.013 min Scan# 704

Delta R.T. 0.013 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Tgt Ion: 45 Resp: 228878

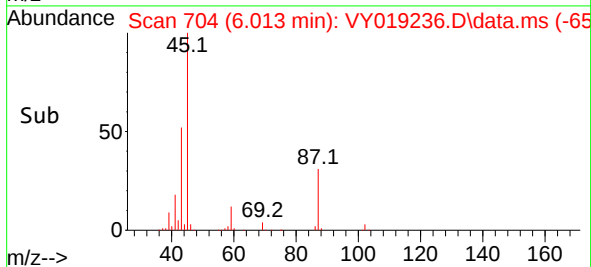
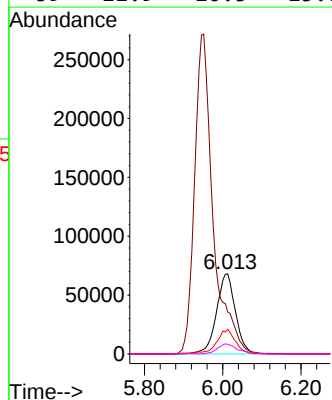
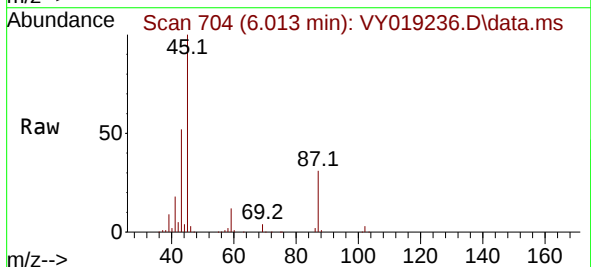
Ion Ratio Lower Upper

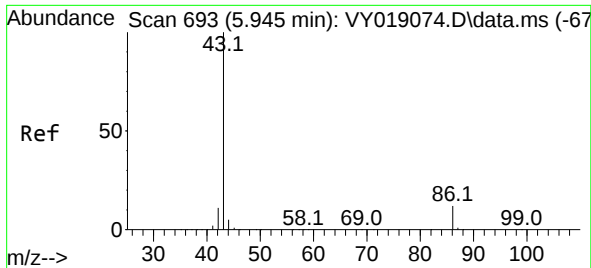
45 100

43 51.6 42.2 63.2

87 30.7 25.0 37.6

59 11.9 10.5 15.7

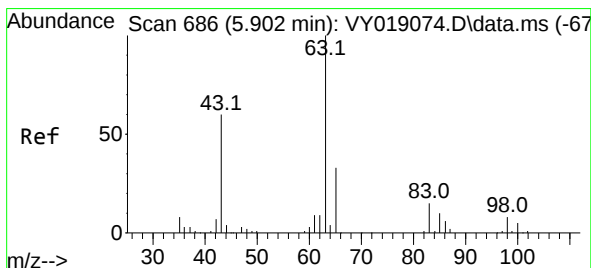
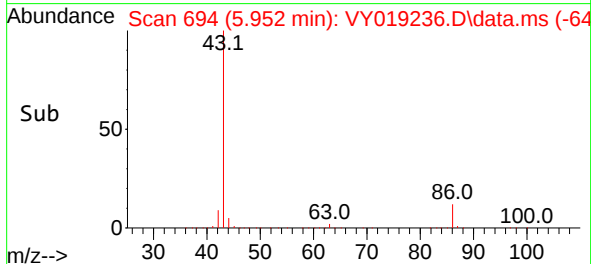
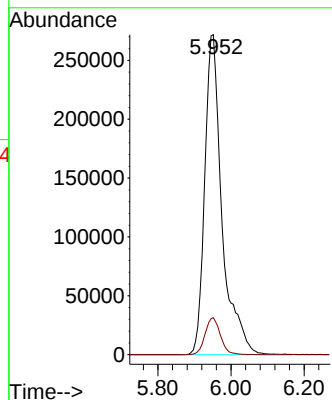
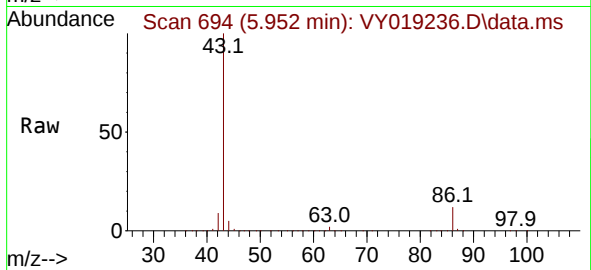




#23
 Vinyl Acetate
 Concen: 263.091 ug/l
 RT: 5.952 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33

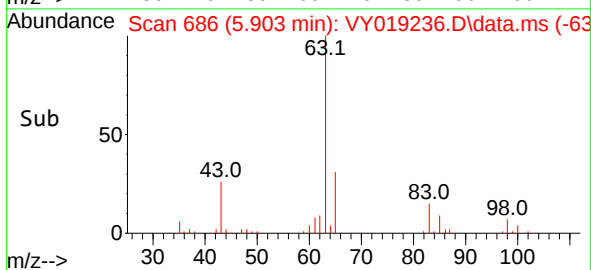
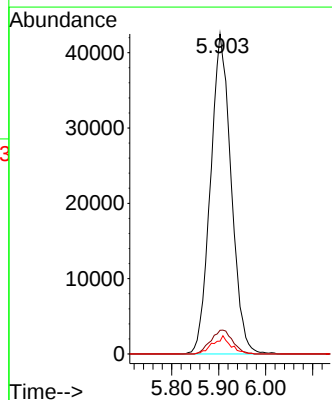
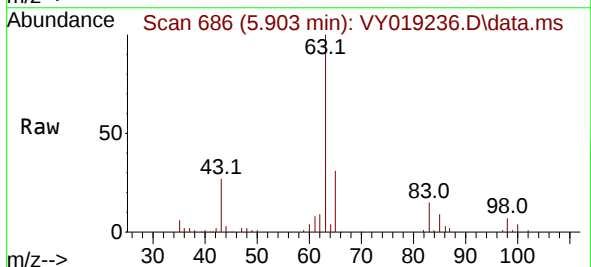
Instrument :
 MSVOA_Y
 ClientSampleId :

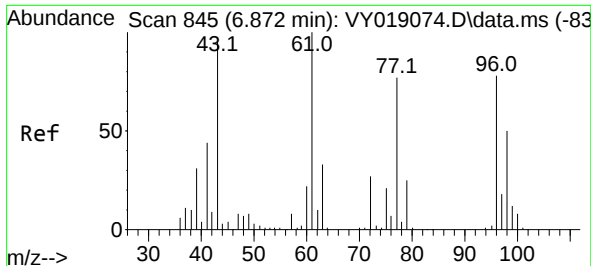
Tgt Ion: 43 Resp: 892993
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.486 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33

Tgt Ion: 63 Resp: 129743
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.0 2.6 8.0





#25

2-Butanone

Concen: 247.034 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.013 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

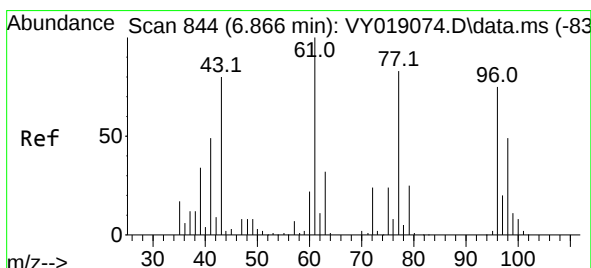
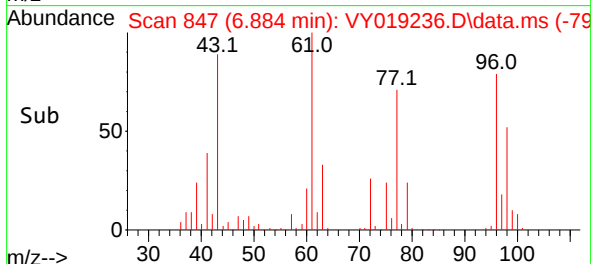
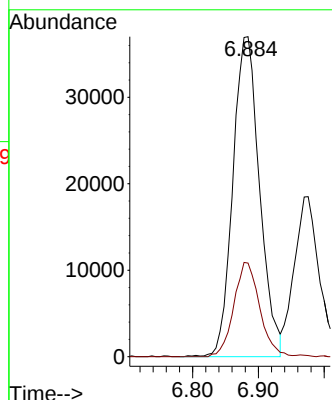
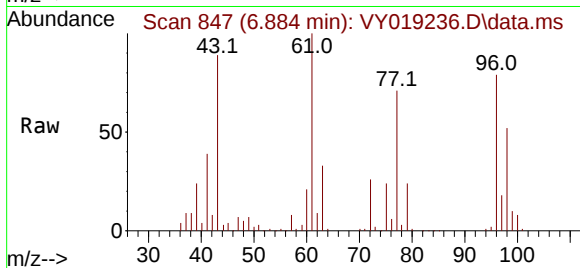
ClientSampleId :

Tgt Ion: 43 Resp: 104438

Ion Ratio Lower Upper

43 100

72 29.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.068 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019236.D

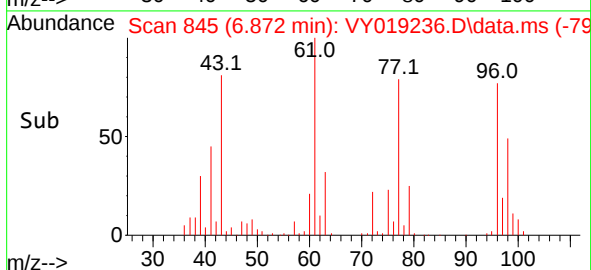
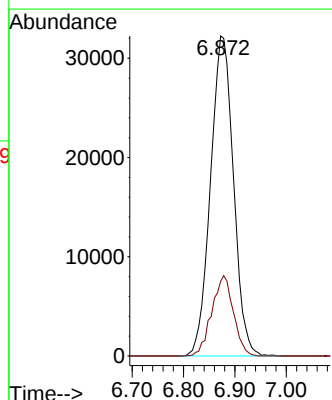
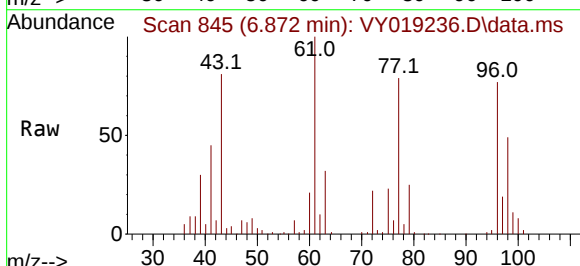
Acq: 22 Aug 2024 21:33

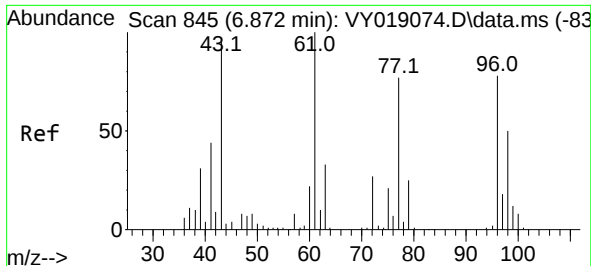
Tgt Ion: 77 Resp: 99931

Ion Ratio Lower Upper

77 100

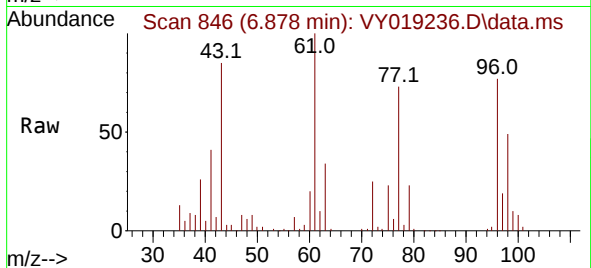
97 23.6 12.0 36.1



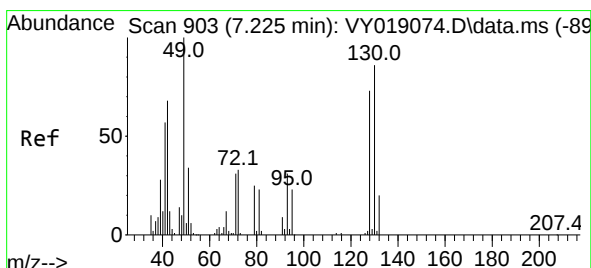
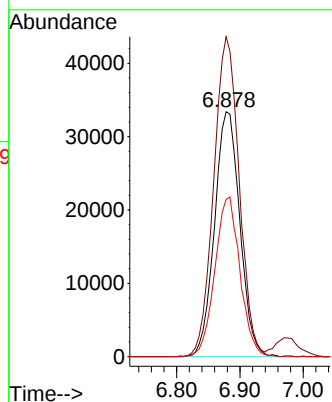
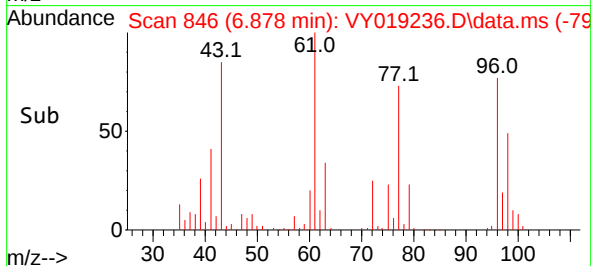


#27
 cis-1,2-Dichloroethene
 Concen: 50.108 ug/l
 RT: 6.878 min Scan# 845
 Delta R.T. 0.006 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33

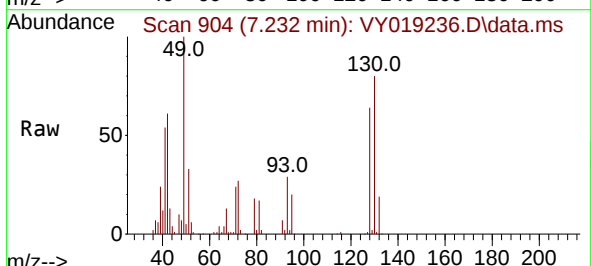
Instrument :
 MSVOA_Y
 ClientSampleId :



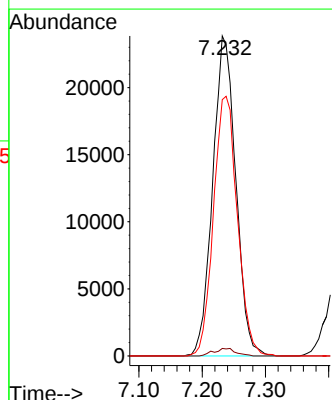
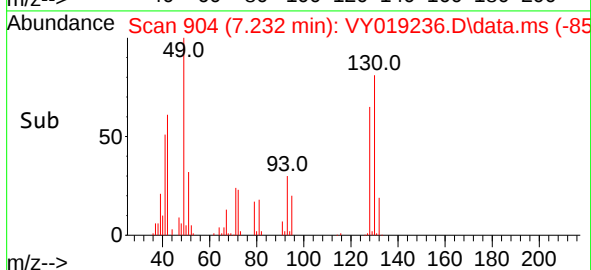
Tgt Ion:	96	Resp:	92797
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	256.2
98	64.5	0.0	130.0

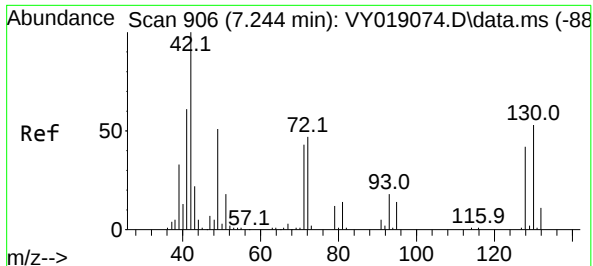


#28
 Bromochloromethane
 Concen: 54.835 ug/l
 RT: 7.232 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33



Tgt Ion:	49	Resp:	60308
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	83.8	72.7	109.1





#29

Tetrahydrofuran

Concen: 260.599 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

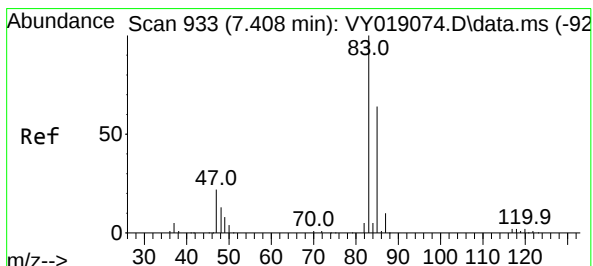
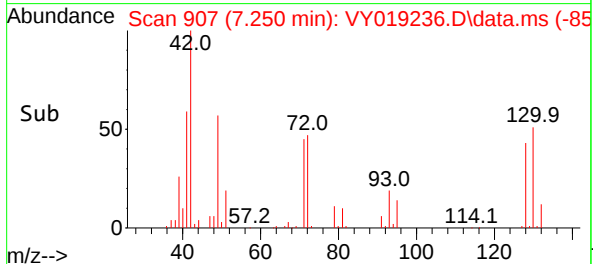
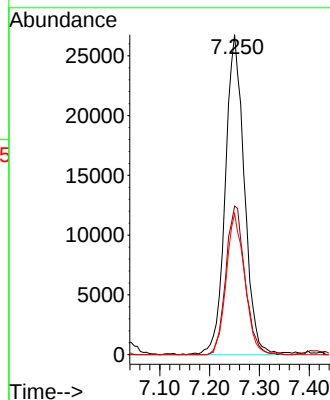
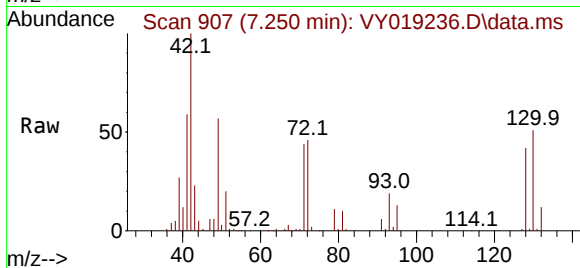
Tgt Ion: 42 Resp: 70822

Ion Ratio Lower Upper

42 100

72 46.7 43.0 64.4

71 43.0 40.8 61.2



#30

Chloroform

Concen: 50.316 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019236.D

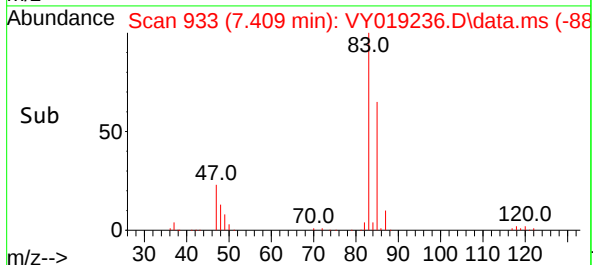
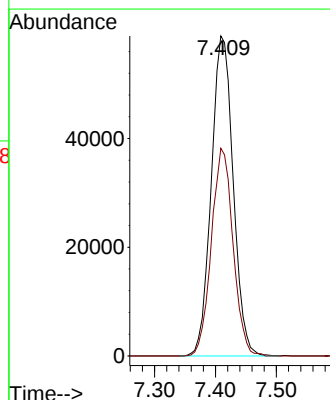
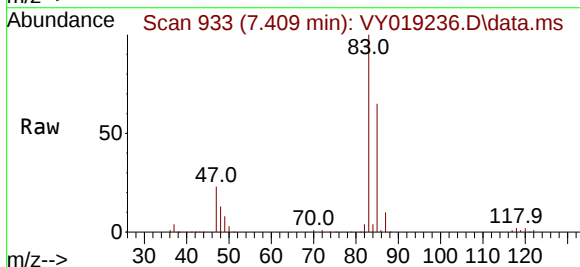
Acq: 22 Aug 2024 21:33

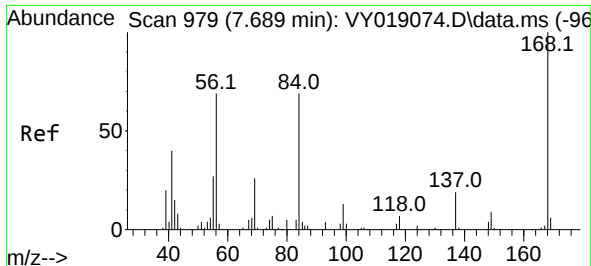
Tgt Ion: 83 Resp: 146996

Ion Ratio Lower Upper

83 100

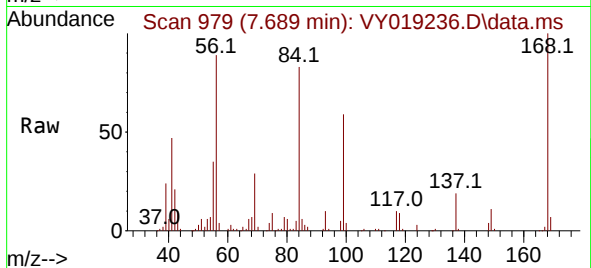
85 64.9 52.2 78.4



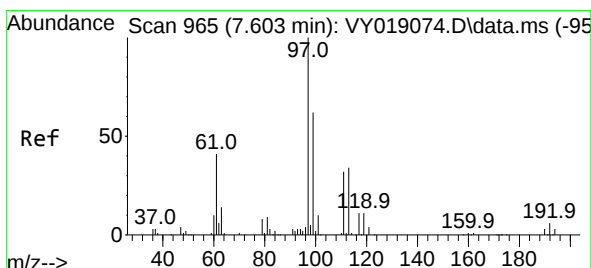
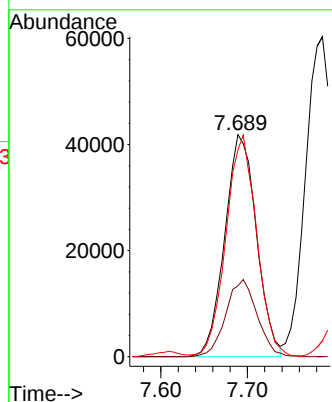
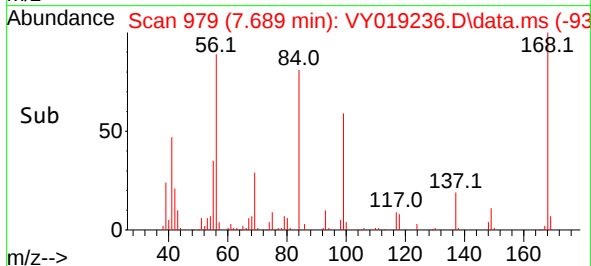


#31
Cyclohexane
Concen: 52.848 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

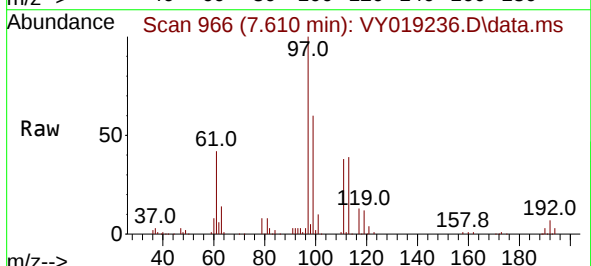
Instrument :
MSVOA_Y
ClientSampleId :



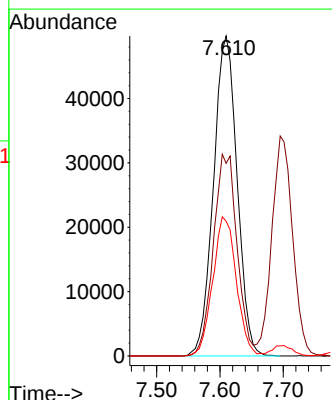
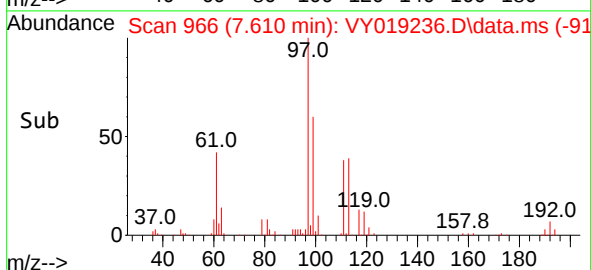
Tgt Ion: 56 Resp: 106514
Ion Ratio Lower Upper
56 100
69 31.9 28.7 43.1
84 91.9 77.7 116.5

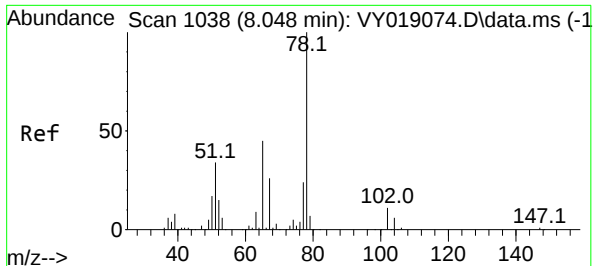


#32
1,1,1-Trichloroethane
Concen: 50.168 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33



Tgt Ion: 97 Resp: 128805
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 43.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.477 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

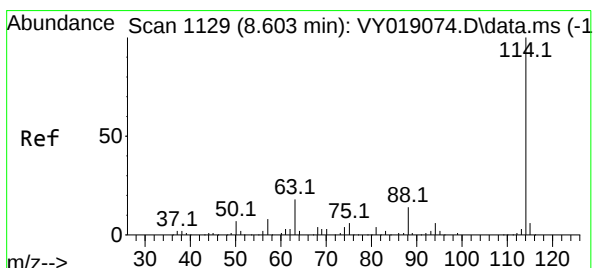
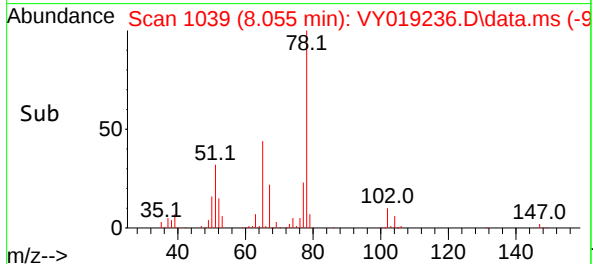
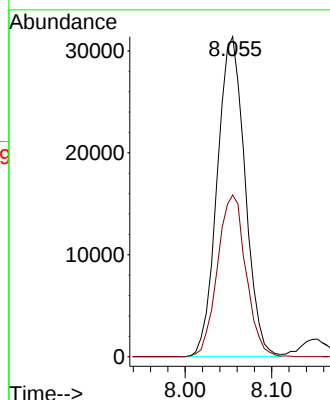
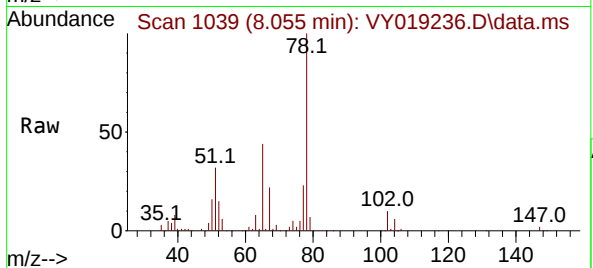
ClientSampleId :

Tgt Ion: 65 Resp: 70036

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

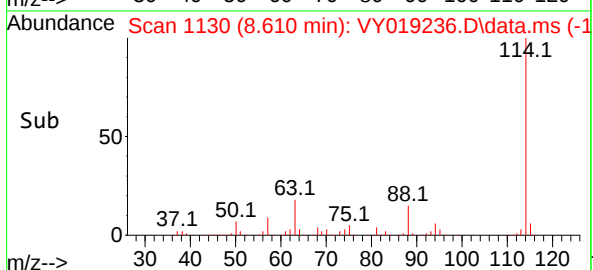
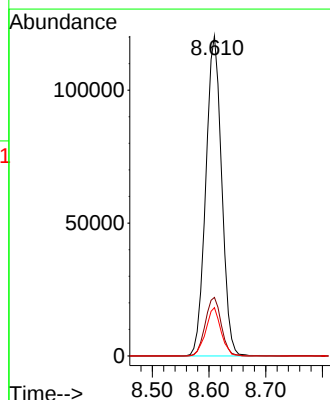
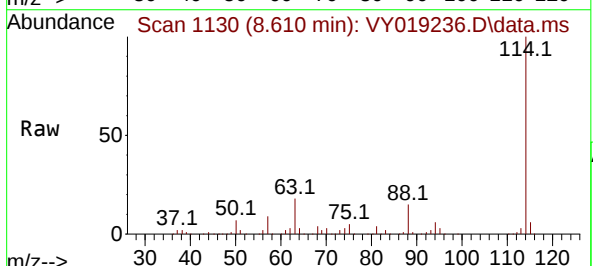
Tgt Ion: 114 Resp: 233816

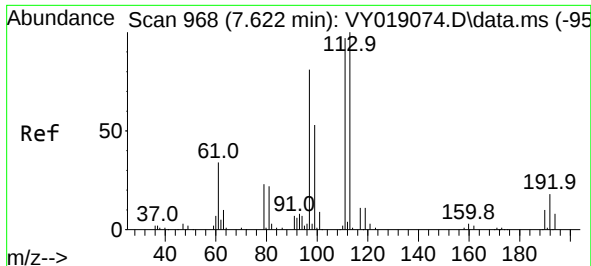
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

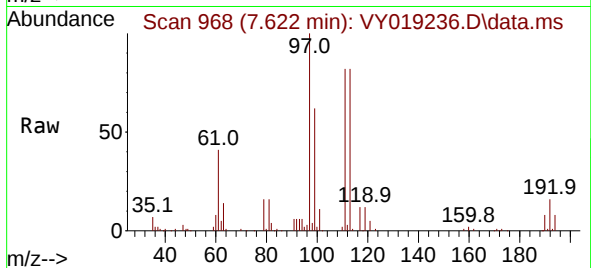
88 15.1 0.0 27.2



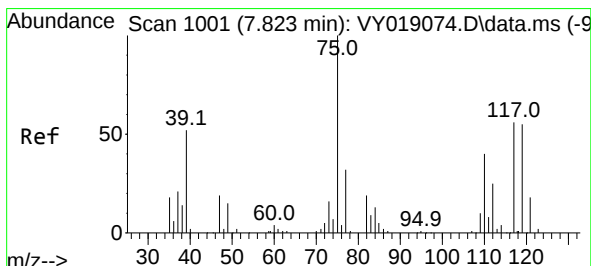
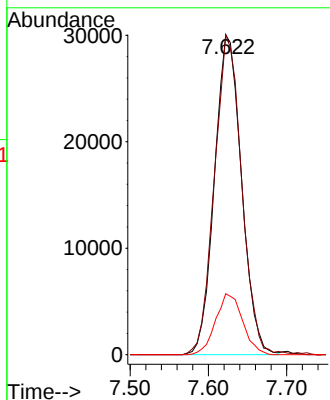
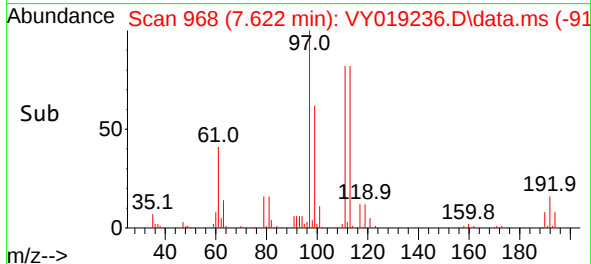


#35
Dibromofluoromethane
Concen: 47.057 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

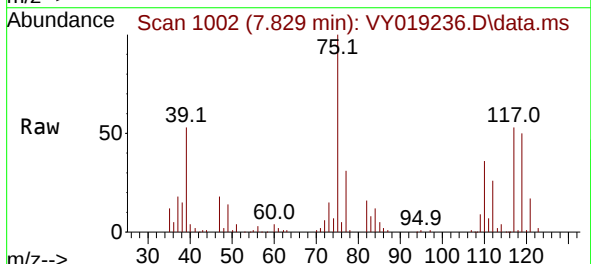
Instrument :
MSVOA_Y
ClientSampleId :



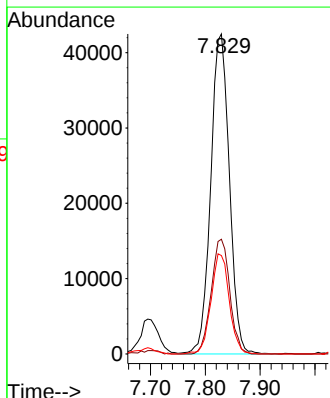
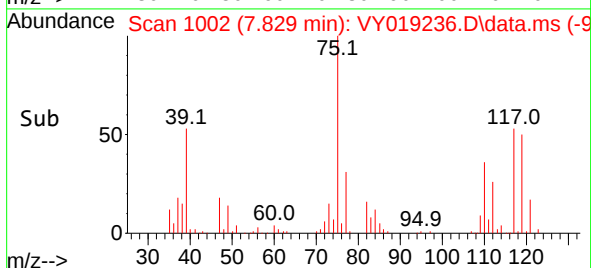
Tgt Ion:113 Resp: 71942
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 19.1 15.9 23.9

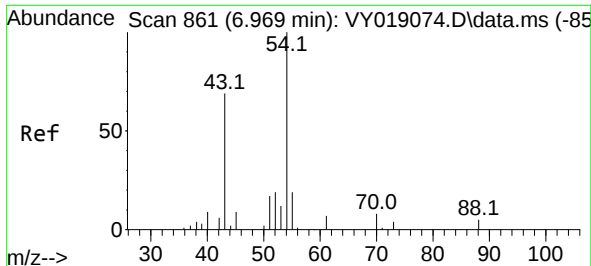


#36
1,1-Dichloropropene
Concen: 47.783 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33



Tgt Ion: 75 Resp: 100313
Ion Ratio Lower Upper
75 100
110 35.6 19.0 57.0
77 30.6 25.3 37.9

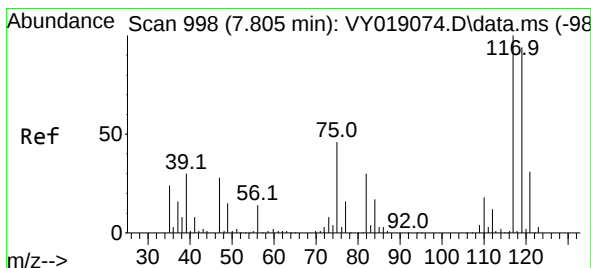
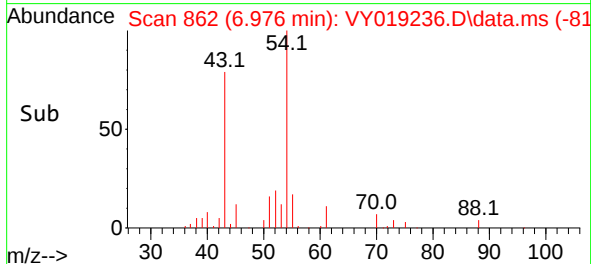
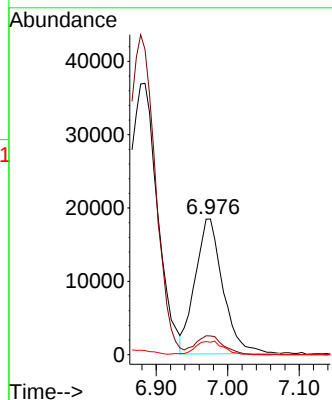
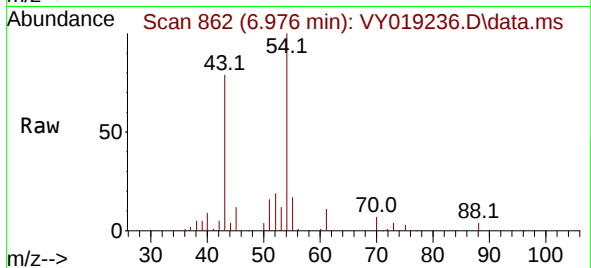




#37
Ethyl Acetate
Concen: 53.328 ug/l
RT: 6.976 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

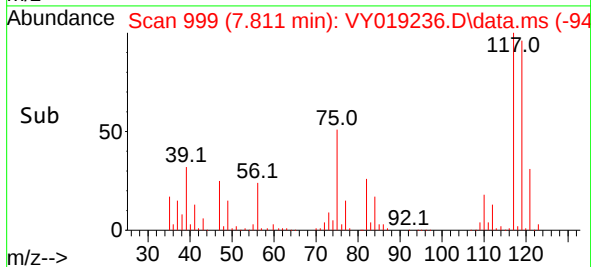
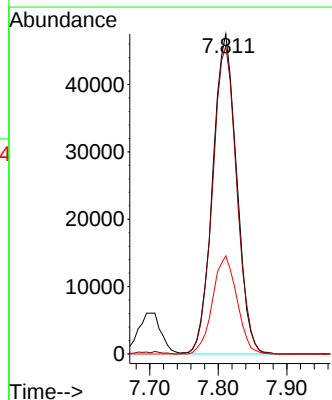
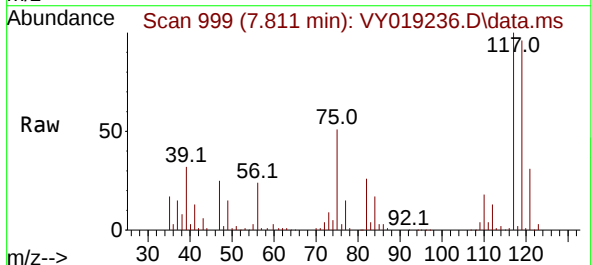
Instrument :
MSVOA_Y
ClientSampleId :

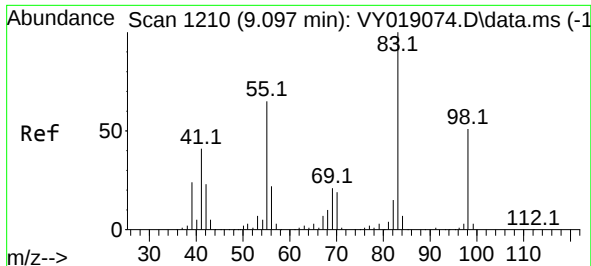
Tgt Ion: 43 Resp: 49601
Ion Ratio Lower Upper
43 100
61 14.0 12.6 19.0
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.428 ug/l
RT: 7.811 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 117 Resp: 115388
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 42.988 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

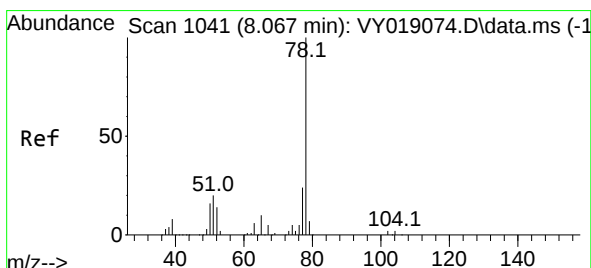
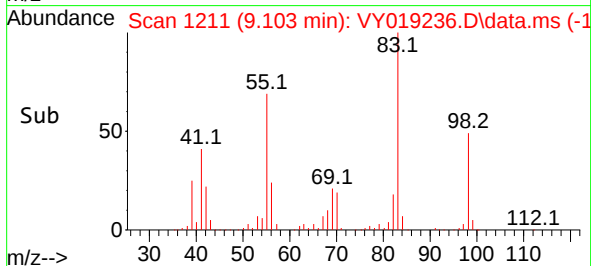
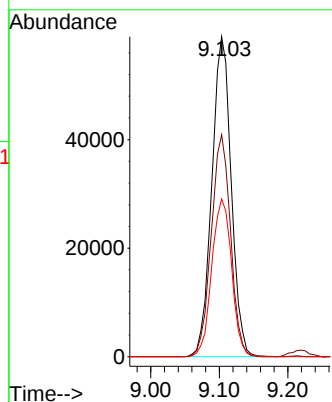
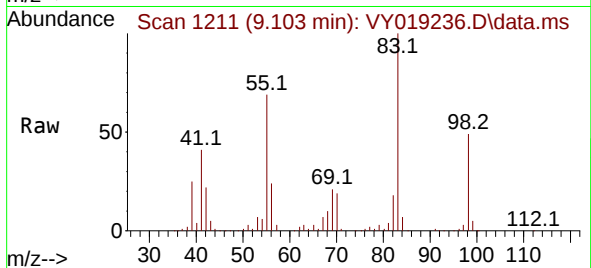
Tgt Ion: 83 Resp: 115813

Ion Ratio Lower Upper

83 100

55 69.4 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 49.141 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019236.D

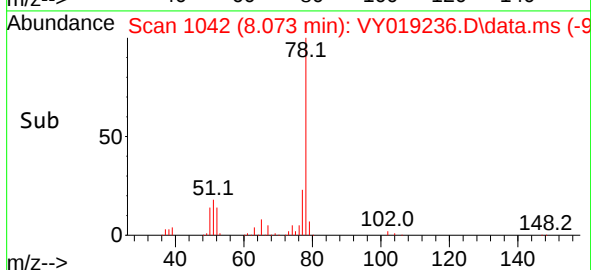
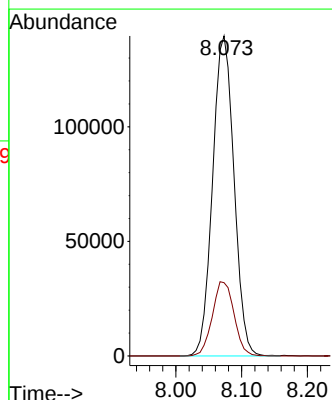
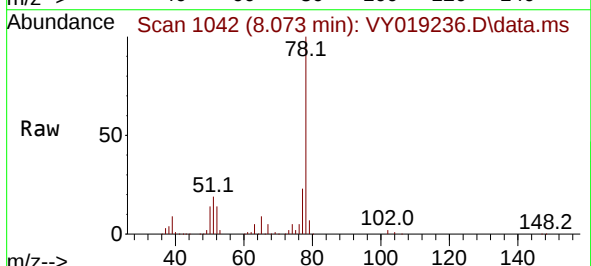
Acq: 22 Aug 2024 21:33

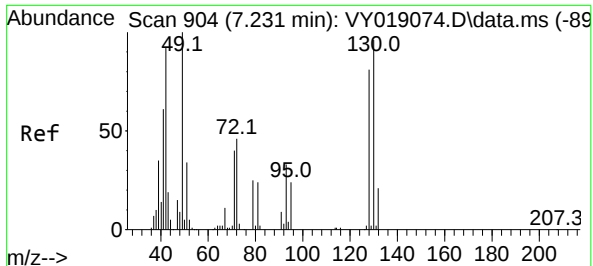
Tgt Ion: 78 Resp: 316398

Ion Ratio Lower Upper

78 100

77 22.9 19.5 29.3

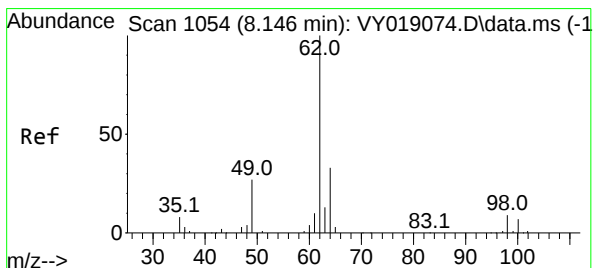
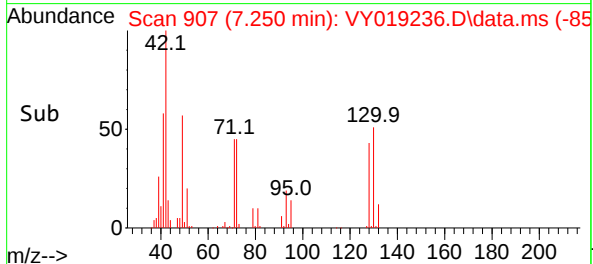
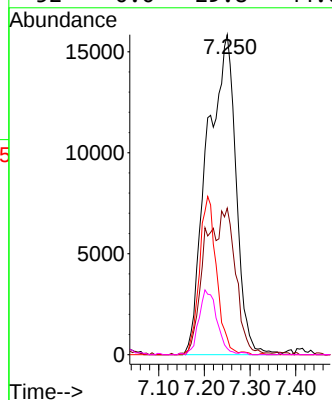
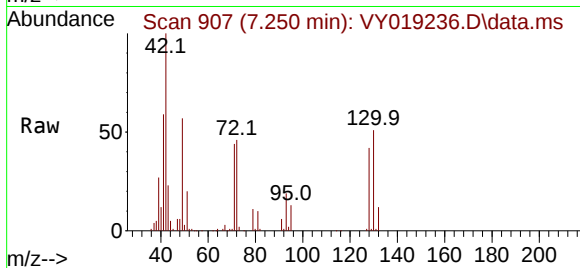




#41
Methacrylonitrile
Concen: 136.675 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

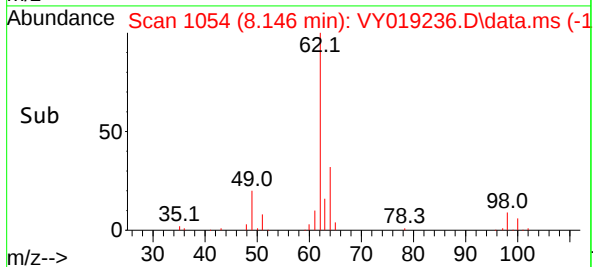
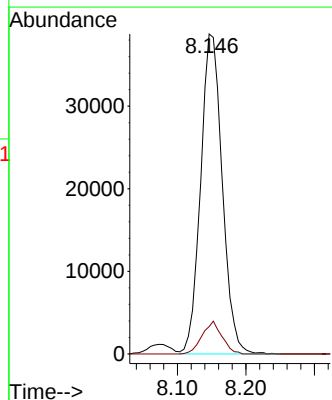
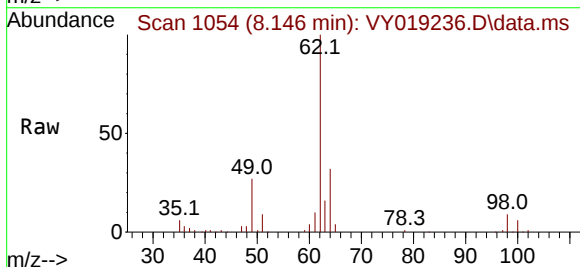
Instrument :
MSVOA_Y
ClientSampleId :

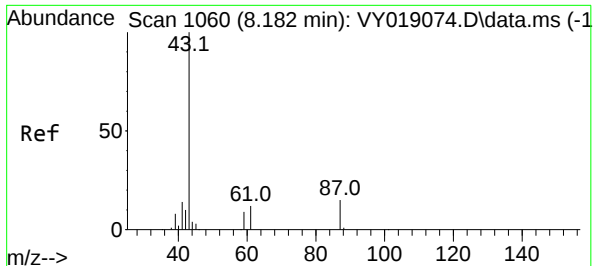
Tgt Ion: 41 Resp: 69385
Ion Ratio Lower Upper
41 100
39 24.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 48.979 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 62 Resp: 85159
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0





#43

Isopropyl Acetate

Concen: 49.439 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019236.D

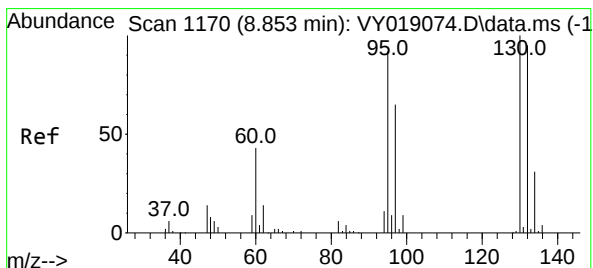
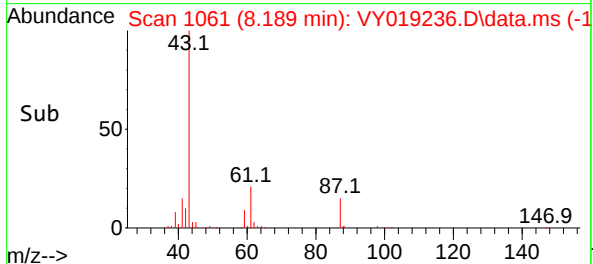
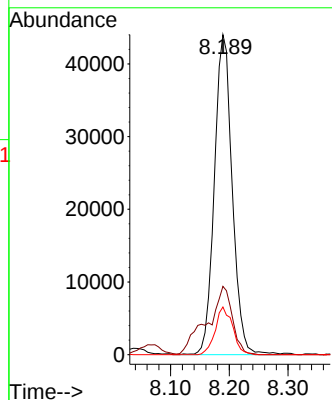
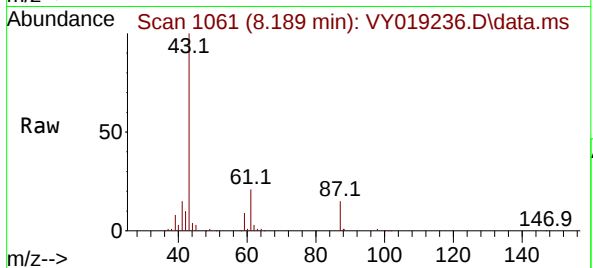
Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	92997
Ion	Ratio	Lower	Upper
43	100		
61	30.1	27.9	41.9
87	14.5	13.1	19.7



#44

Trichloroethene

Concen: 46.895 ug/l

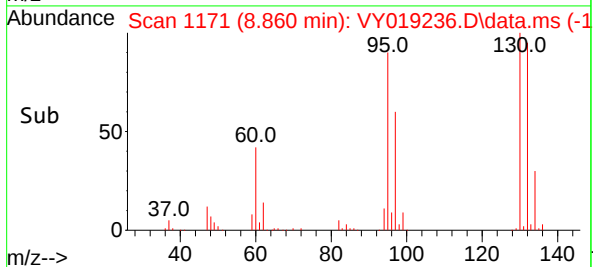
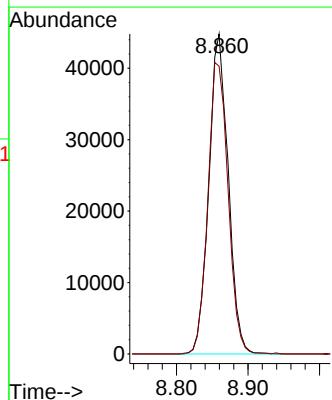
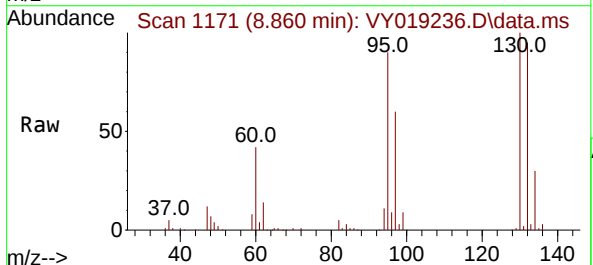
RT: 8.860 min Scan# 1171

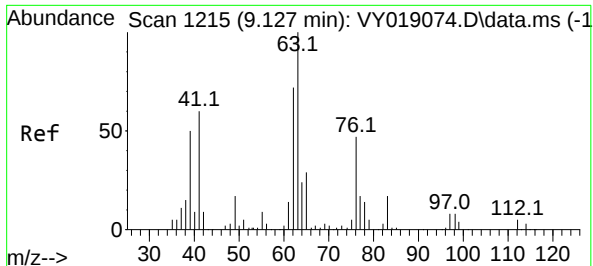
Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Tgt Ion:	130	Resp:	84249
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 43.737 ug/l

RT: 9.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

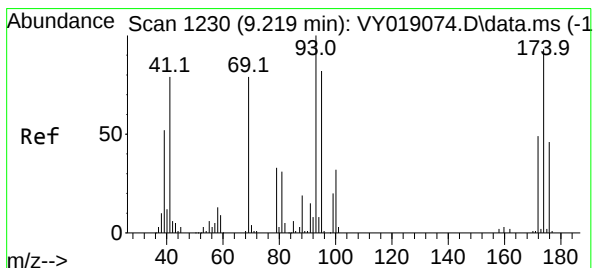
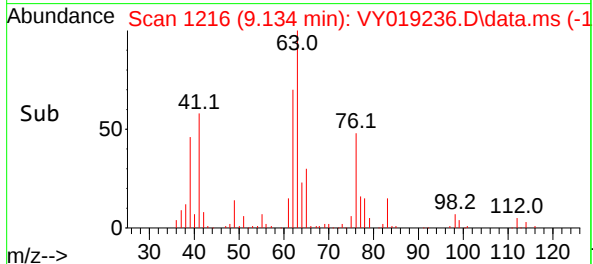
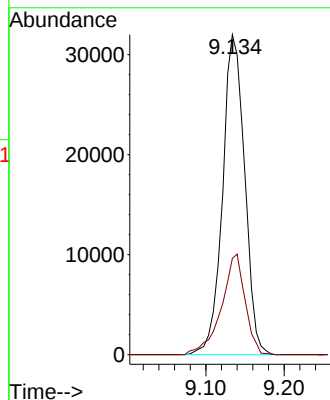
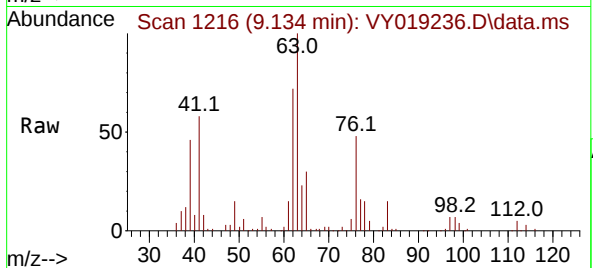
ClientSampleId :

Tgt Ion: 63 Resp: 62742

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 38.136 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

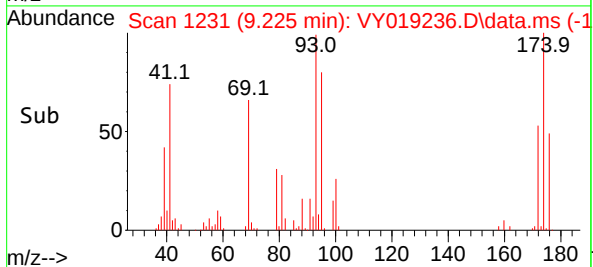
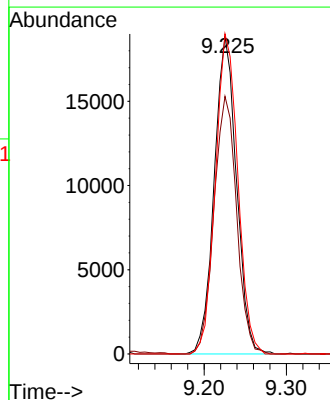
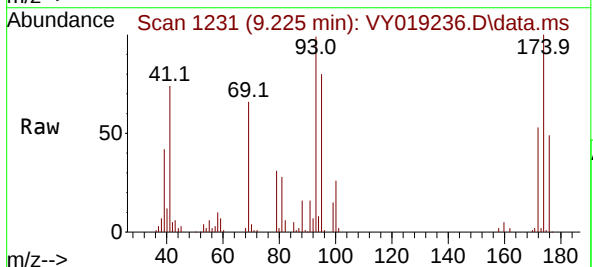
Tgt Ion: 93 Resp: 35483

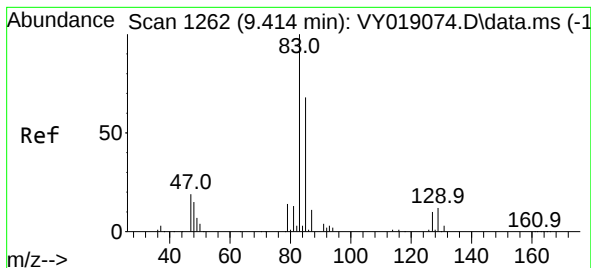
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 101.4 80.9 121.3





#47

Bromodichloromethane

Concen: 38.511 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019236.D

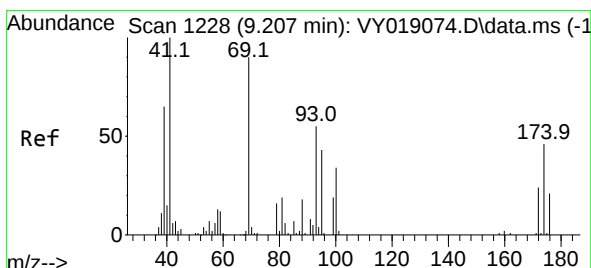
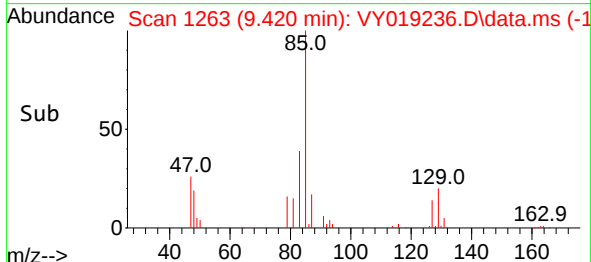
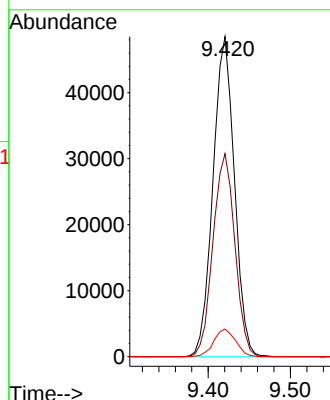
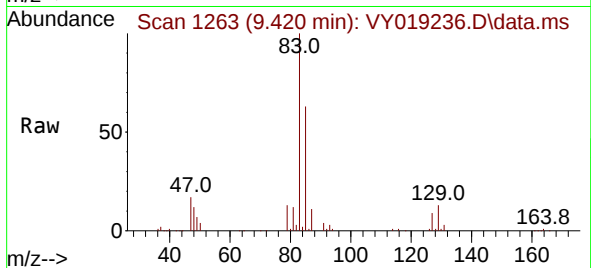
Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 87910
Ion Ratio	Lower Upper
83 100	
85 63.4	50.1 75.1
127 8.7	7.4 11.0



#48

Methyl methacrylate

Concen: 40.261 ug/l

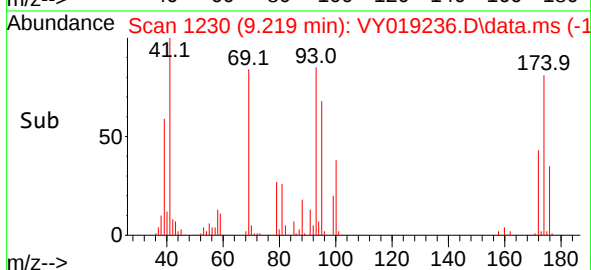
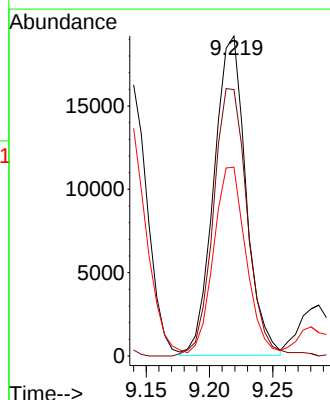
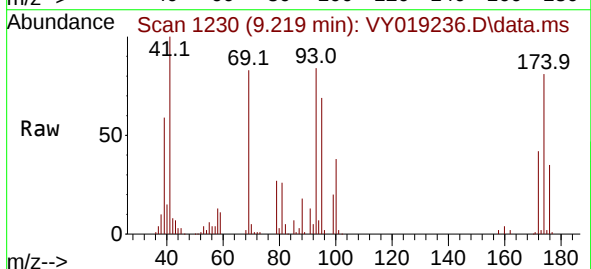
RT: 9.219 min Scan# 1230

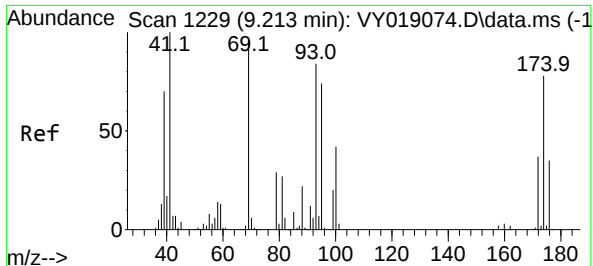
Delta R.T. 0.013 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Tgt Ion: 41	Resp: 33752
Ion Ratio	Lower Upper
41 100	
69 88.8	84.1 126.1
39 58.5	43.6 65.4





#49

1,4-Dioxane

Concen: 699.408 ug/l

RT: 9.219 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

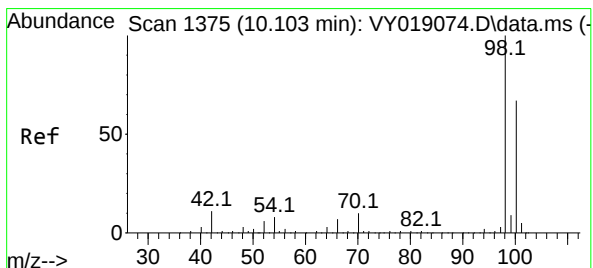
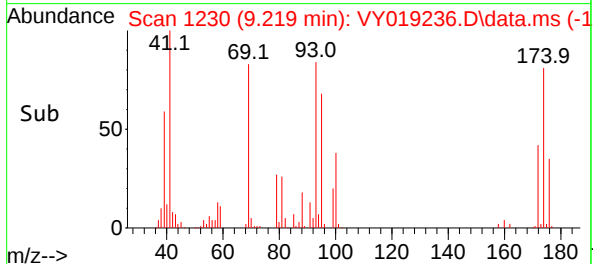
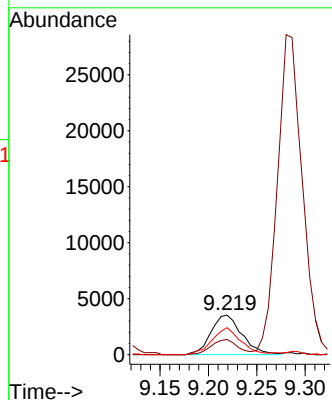
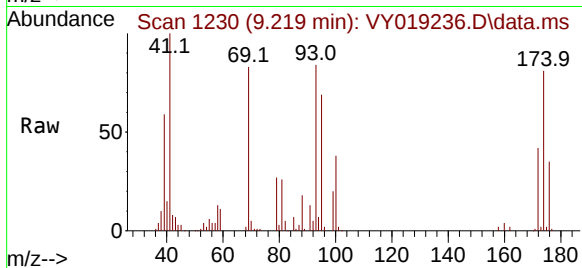
Tgt Ion: 88 Resp: 7883

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 62.9 49.3 73.9



#50

Toluene-d8

Concen: 38.964 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019236.D

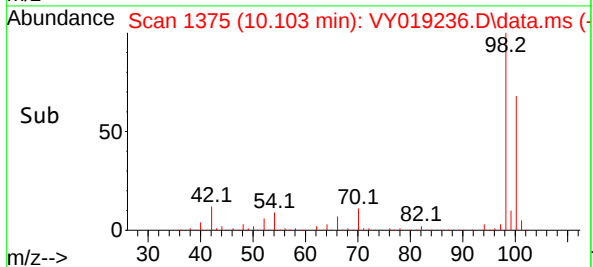
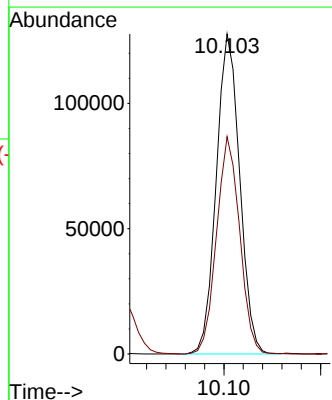
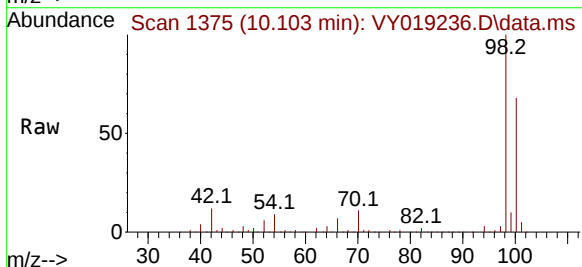
Acq: 22 Aug 2024 21:33

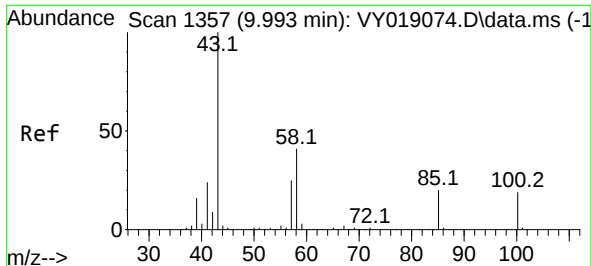
Tgt Ion: 98 Resp: 214367

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 202.293 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

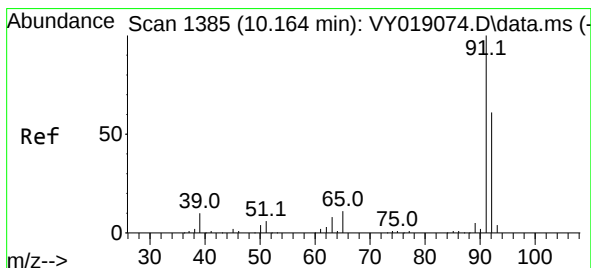
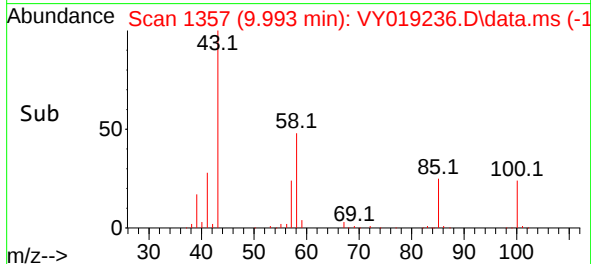
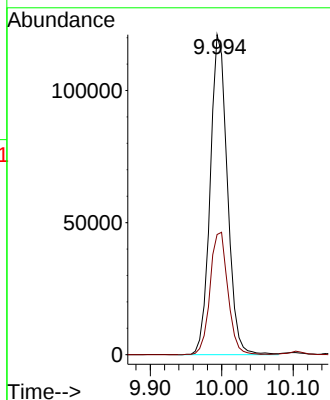
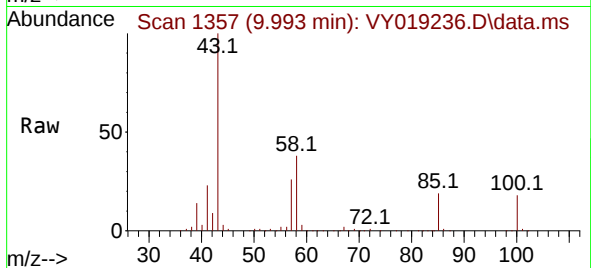
ClientSampleId :

Tgt Ion: 43 Resp: 201967

Ion Ratio Lower Upper

43 100

58 39.7 35.7 53.5



#52

Toluene

Concen: 41.523 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019236.D

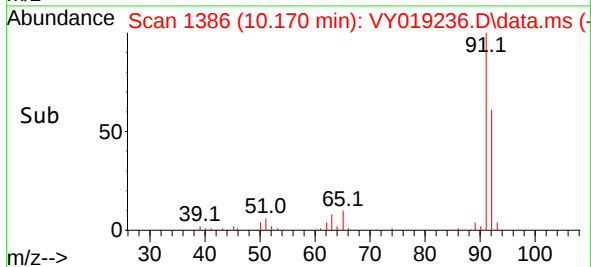
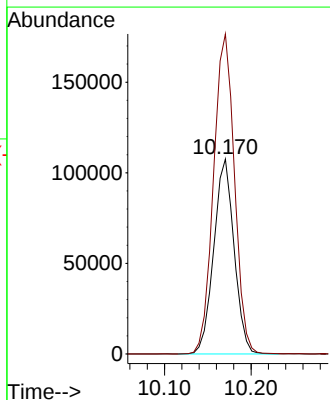
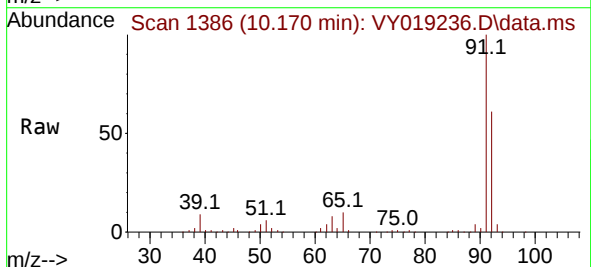
Acq: 22 Aug 2024 21:33

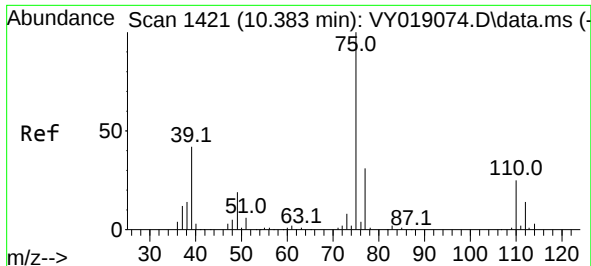
Tgt Ion: 92 Resp: 175496

Ion Ratio Lower Upper

92 100

91 169.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 44.089 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

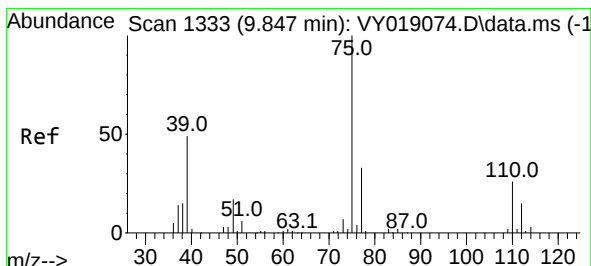
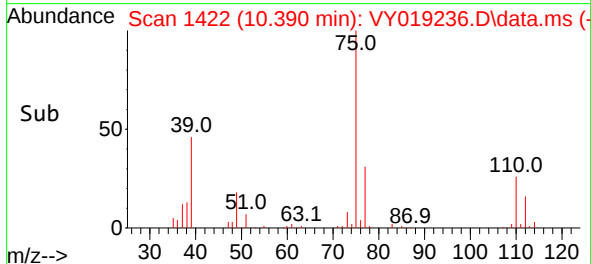
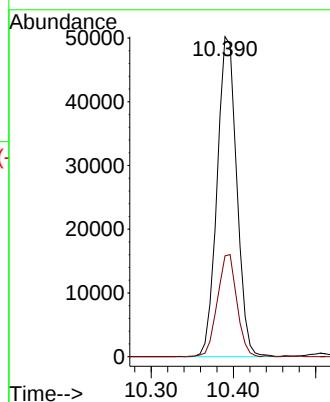
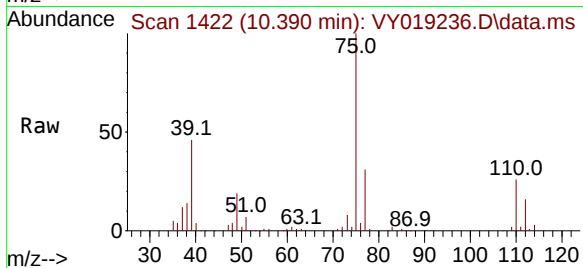
ClientSampleId :

Tgt Ion: 75 Resp: 83486

Ion Ratio Lower Upper

75 100

77 31.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 38.073 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

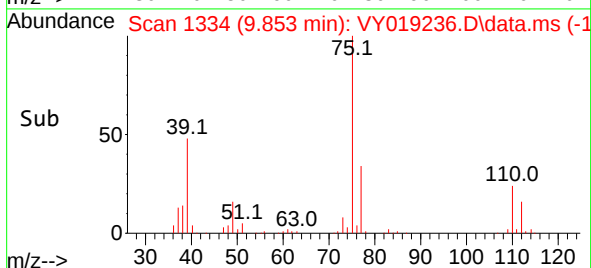
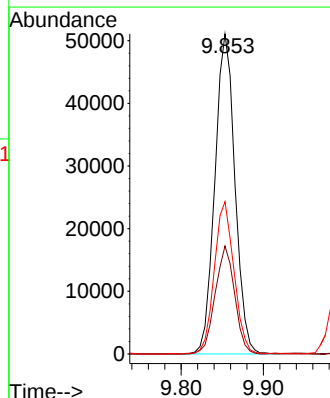
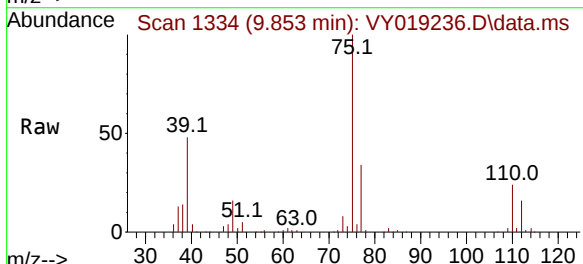
Tgt Ion: 75 Resp: 86703

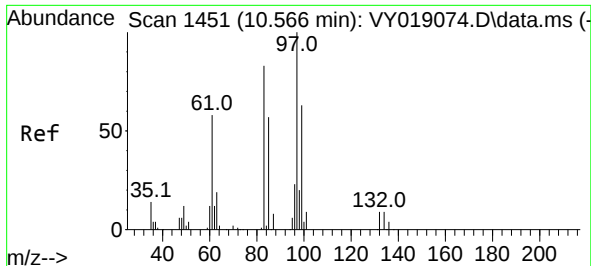
Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.0

39 47.6 29.8 44.6#

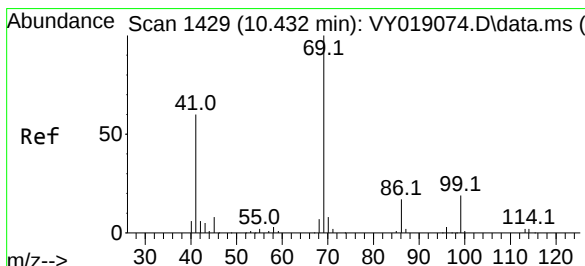
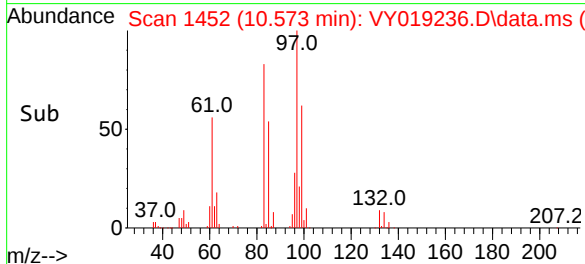
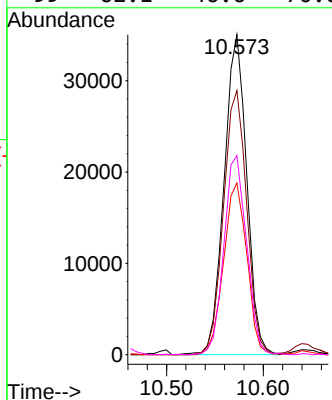
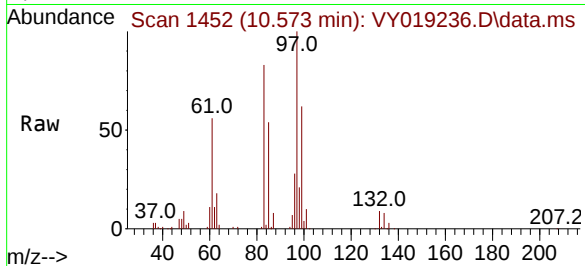




#55
1,1,2-Trichloroethane
Concen: 47.439 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

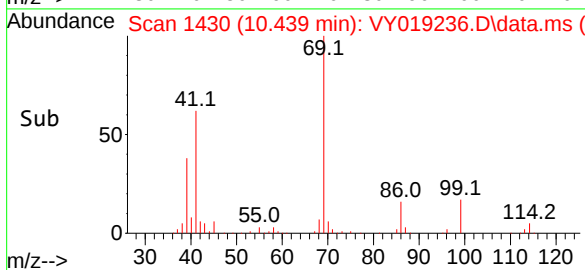
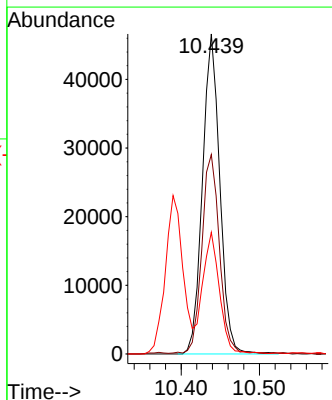
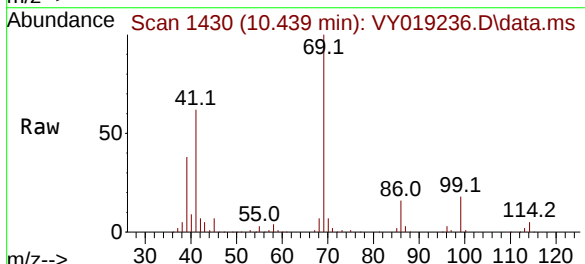
Instrument :
MSVOA_Y
ClientSampleId :

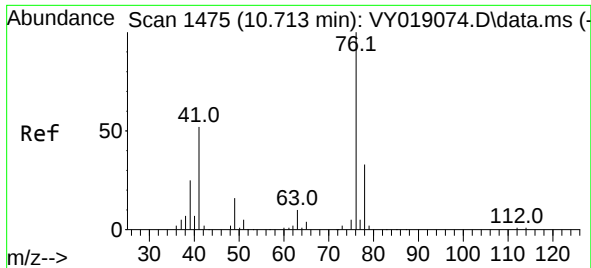
Tgt Ion: 97	Resp: 56821
Ion Ratio	Lower Upper
97 100	
83 82.5	67.5 101.3
85 53.6	42.9 64.3
99 62.1	46.6 70.0



#56
Ethyl methacrylate
Concen: 45.705 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 69	Resp: 71656
Ion Ratio	Lower Upper
69 100	
41 62.7	42.3 63.5
39 37.0	22.9 34.3#

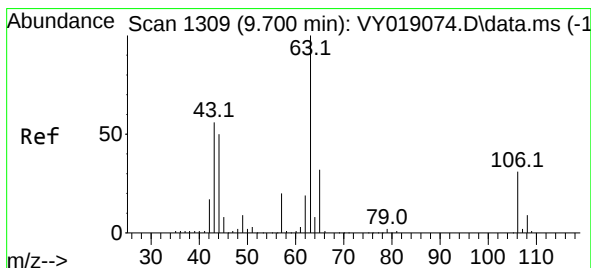
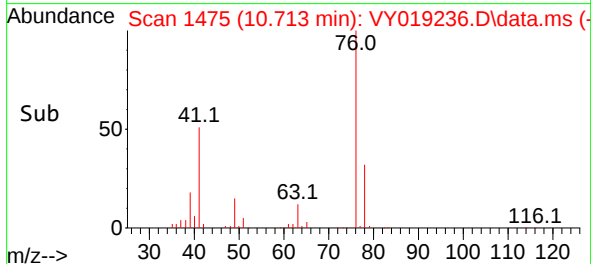
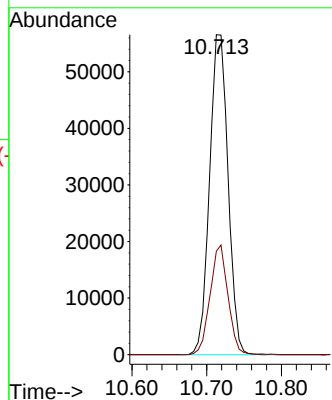
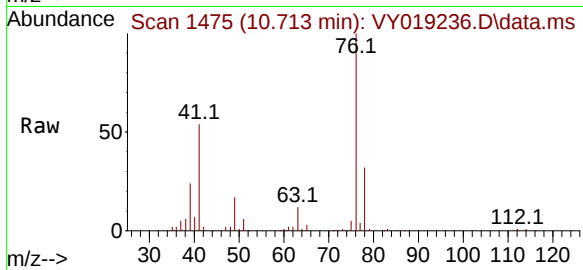




#57
1,3-Dichloropropane
Concen: 49.801 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

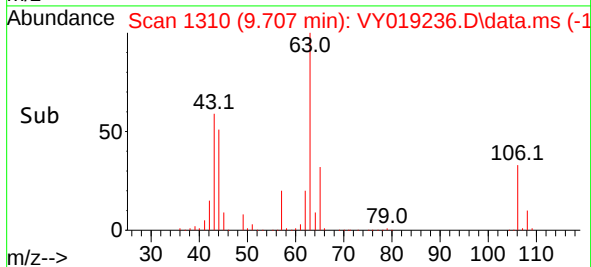
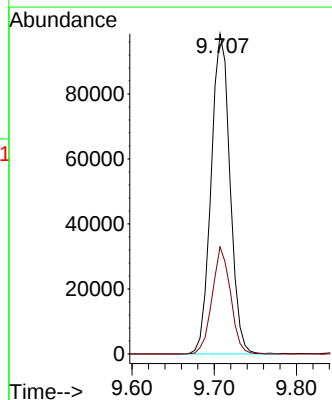
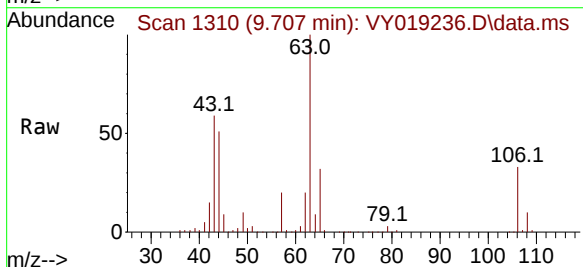
Instrument :
MSVOA_Y
ClientSampleId :

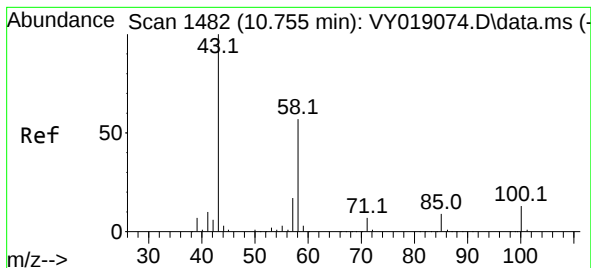
Tgt Ion: 76 Resp: 97241
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 211.756 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 63 Resp: 157495
Ion Ratio Lower Upper
63 100
106 32.4 23.7 35.5





#59

2-Hexanone

Concen: 251.608 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

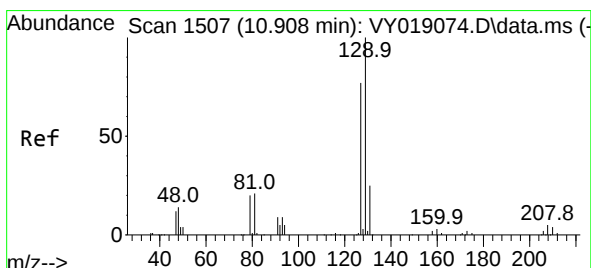
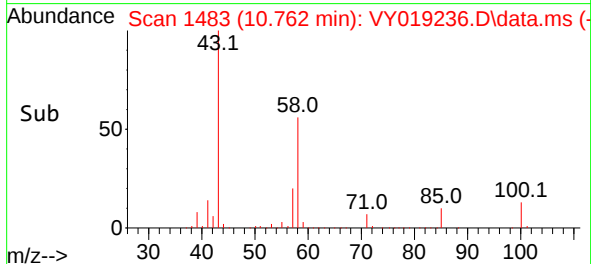
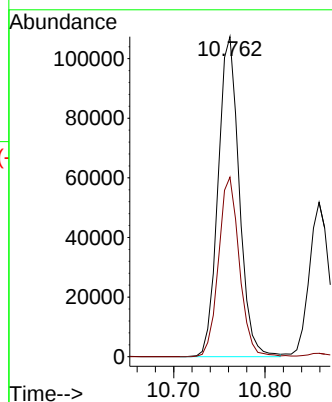
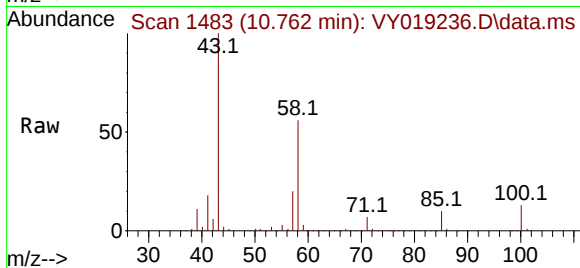
ClientSampleId :

Tgt Ion: 43 Resp: 172581

Ion Ratio Lower Upper

43 100

58 55.4 31.4 94.0



#60

Dibromochloromethane

Concen: 48.202 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019236.D

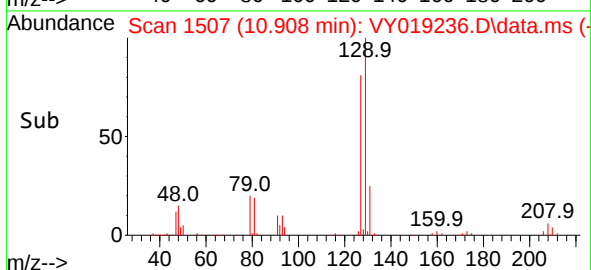
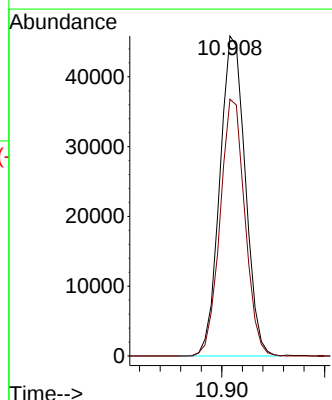
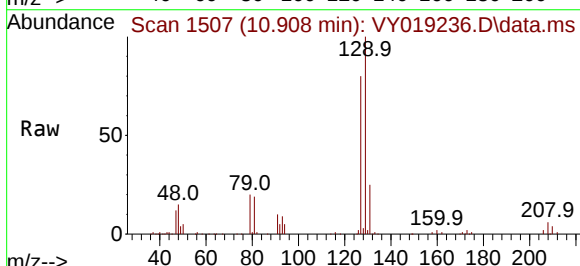
Acq: 22 Aug 2024 21:33

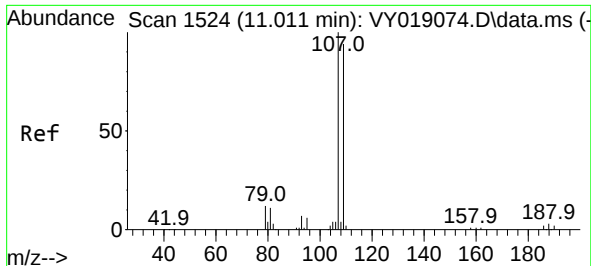
Tgt Ion:129 Resp: 78637

Ion Ratio Lower Upper

129 100

127 78.1 39.0 117.0

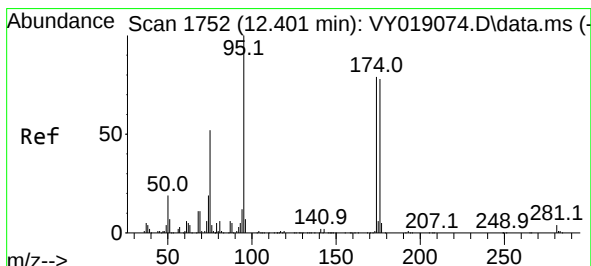
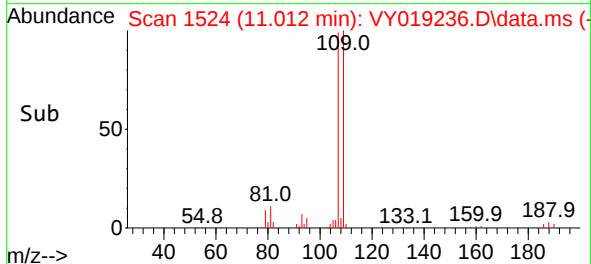
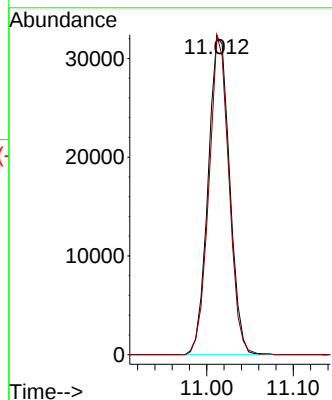
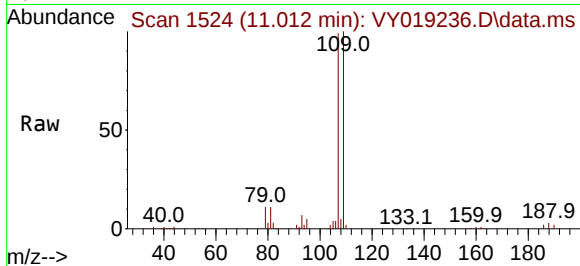




#61
1,2-Dibromoethane
Concen: 48.043 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

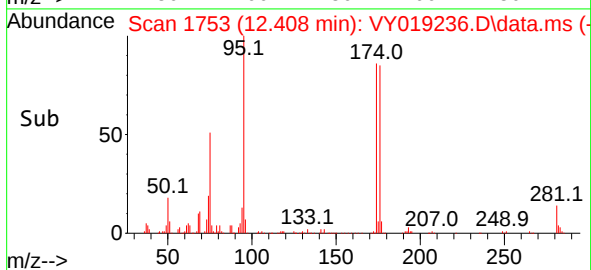
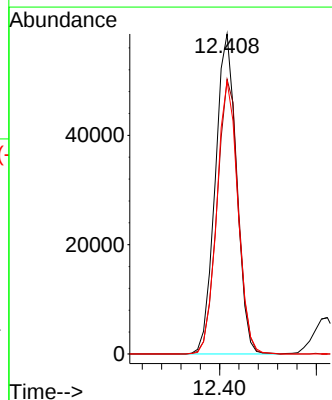
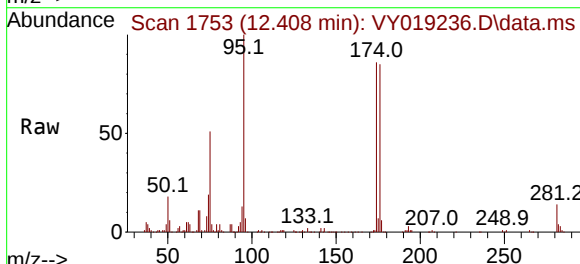
Instrument :
MSVOA_Y
ClientSampleId :

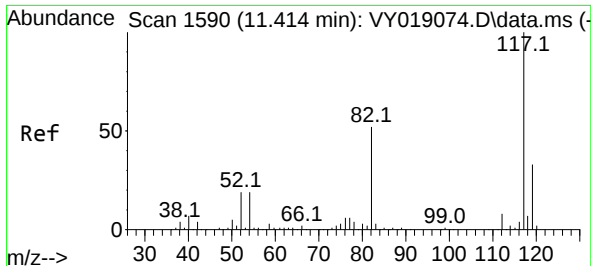
Tgt Ion:107 Resp: 55619
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.586 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 95 Resp: 89248
Ion Ratio Lower Upper
95 100
174 85.8 0.0 175.6
176 84.7 0.0 171.4

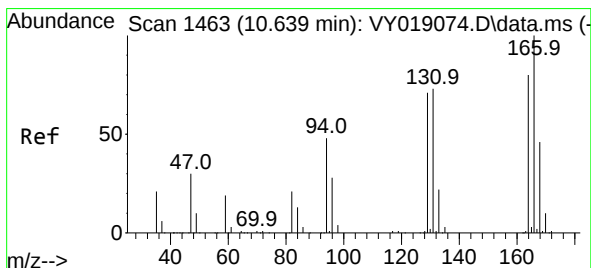
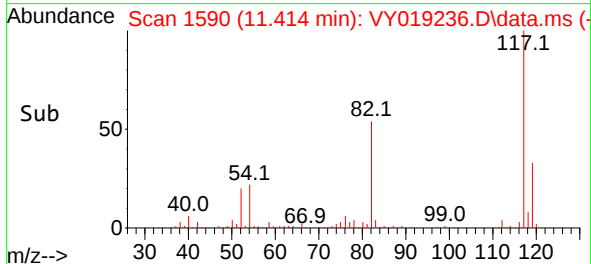
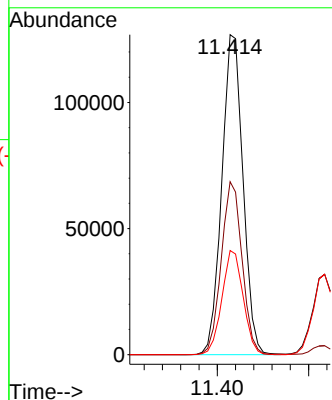
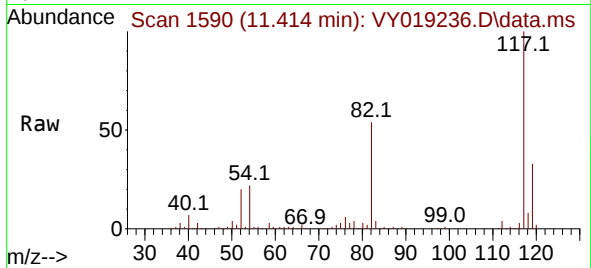




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

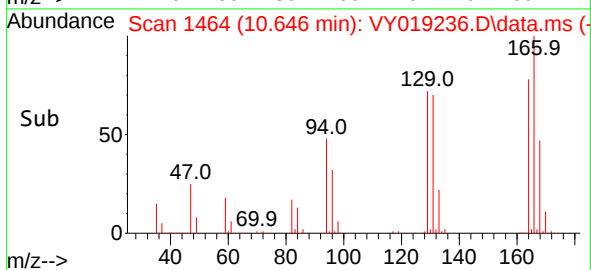
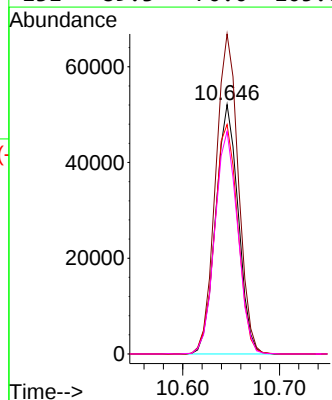
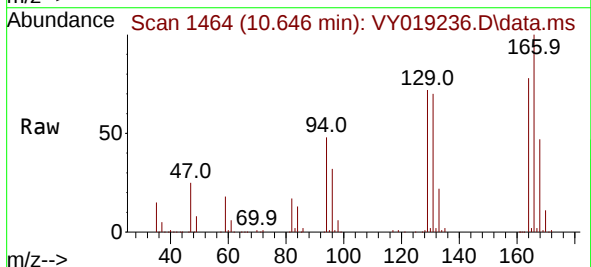
Instrument :
MSVOA_Y
ClientSampleId :

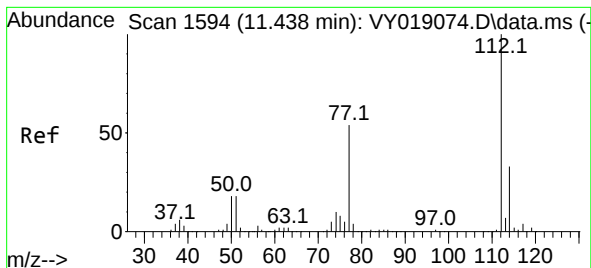
Tgt Ion:117 Resp: 204593
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 47.150 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion:164 Resp: 84319
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 92.0 72.0 108.0
131 89.3 70.0 105.0

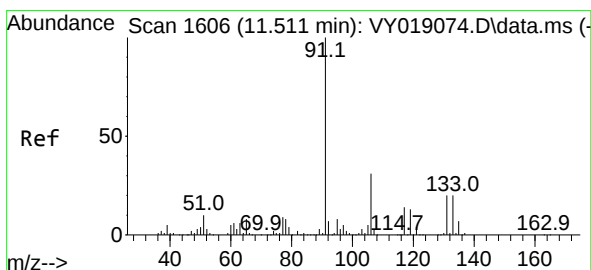
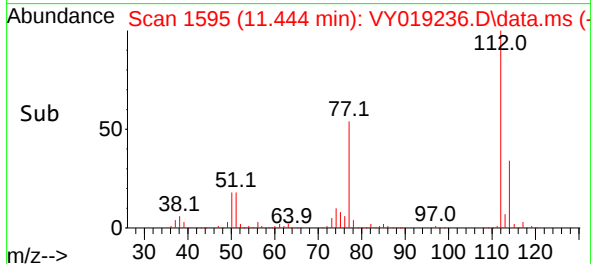
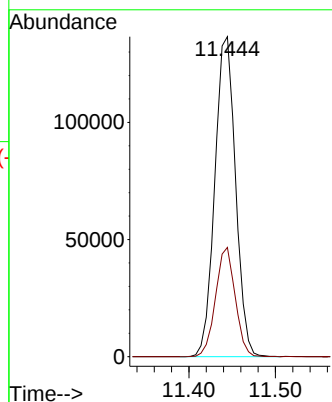
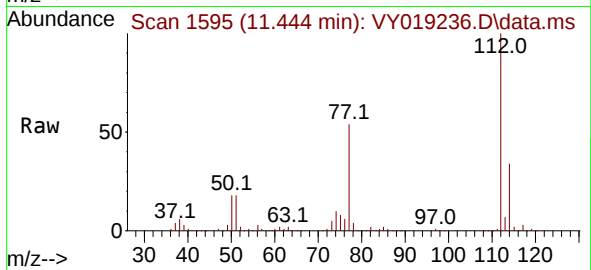




#65
Chlorobenzene
Concen: 48.213 ug/l
RT: 11.444 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

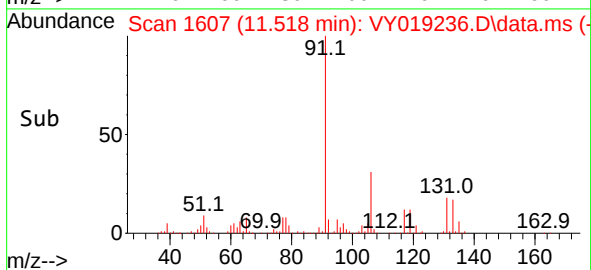
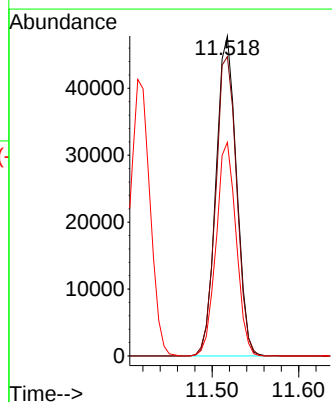
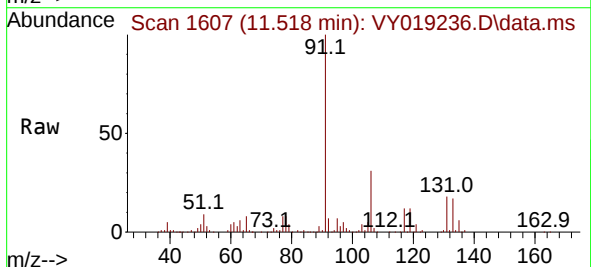
Instrument :
MSVOA_Y
ClientSampleId :

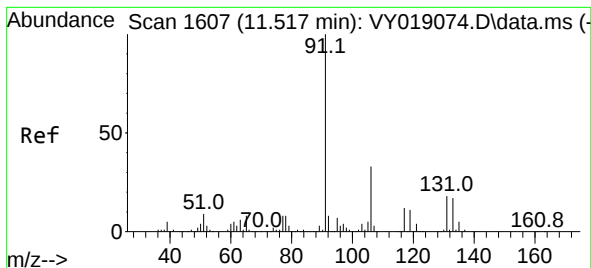
Tgt Ion:112 Resp: 227134
Ion Ratio Lower Upper
112 100
114 34.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.386 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion:131 Resp: 78504
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 48.765 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

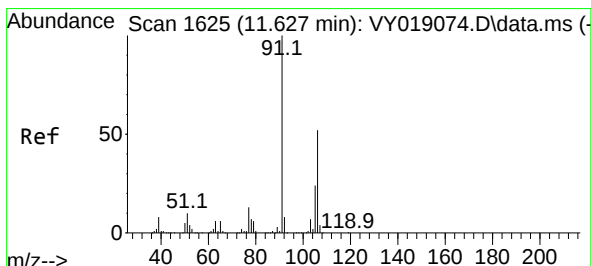
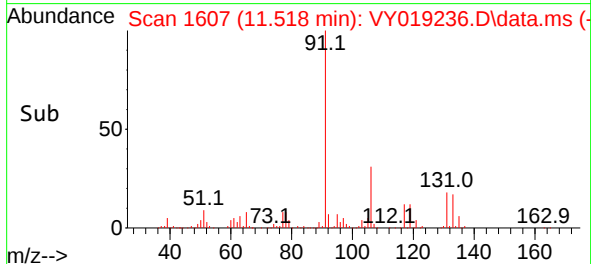
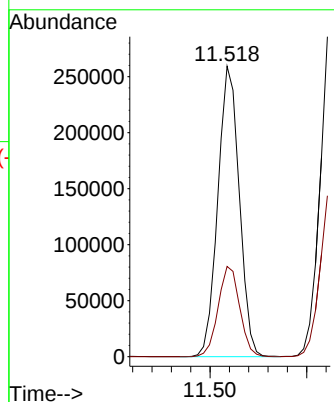
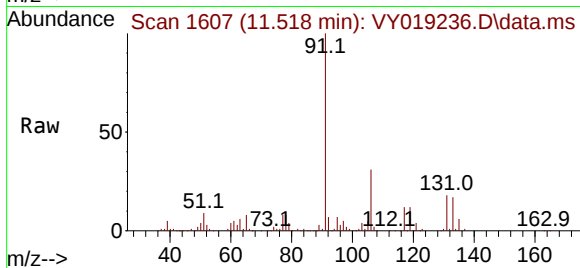
ClientSampleId :

Tgt Ion: 91 Resp: 398736

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 96.777 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019236.D

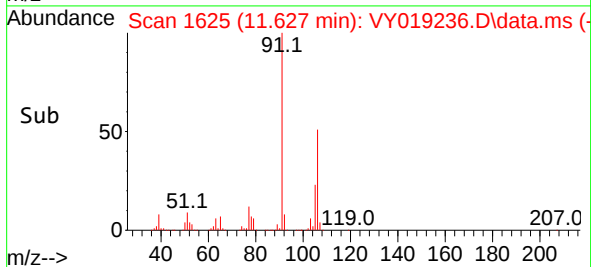
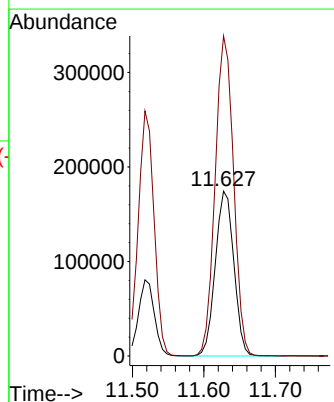
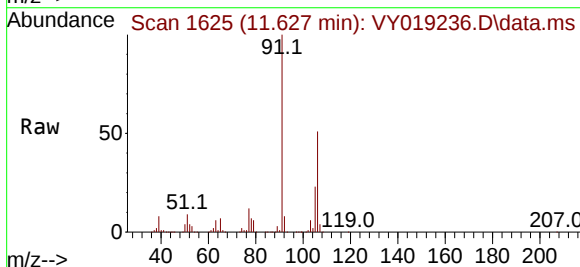
Acq: 22 Aug 2024 21:33

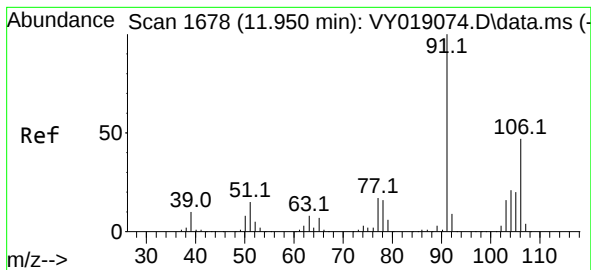
Tgt Ion:106 Resp: 313989

Ion Ratio Lower Upper

106 100

91 193.1 156.0 234.0





#69

o-Xylene

Concen: 48.350 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

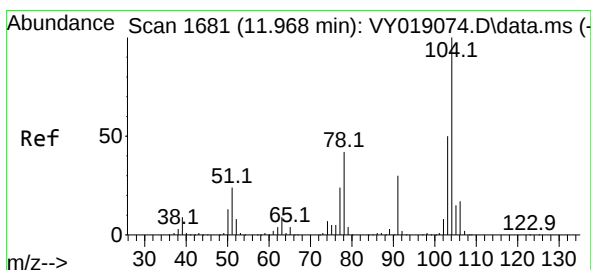
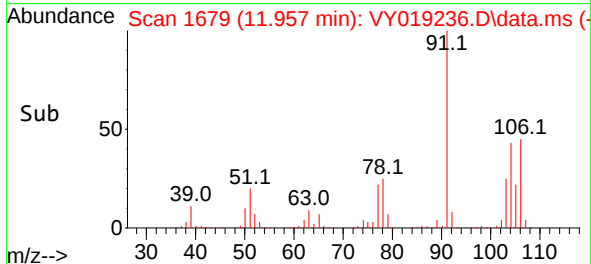
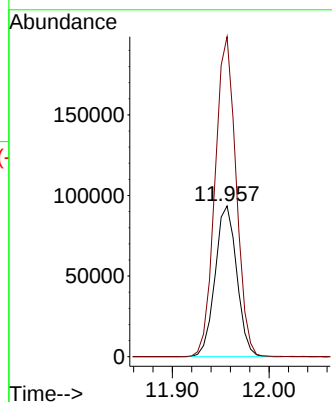
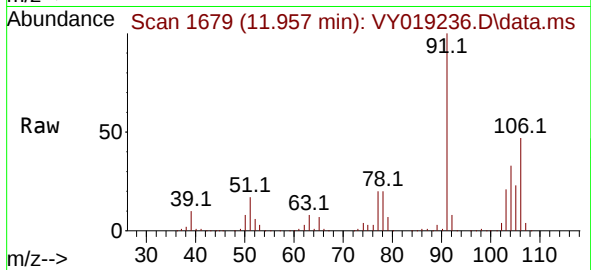
ClientSampleId :

Tgt Ion:106 Resp: 145268

Ion Ratio Lower Upper

106 100

91 207.1 103.6 310.8



#70

Styrene

Concen: 49.225 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

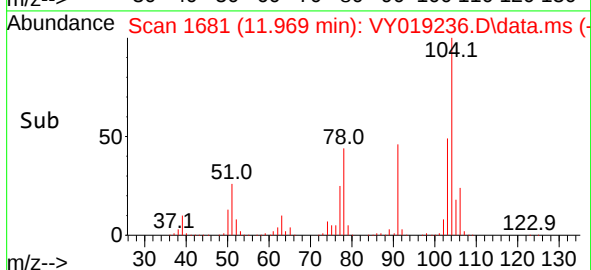
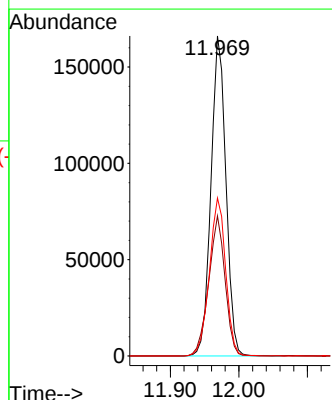
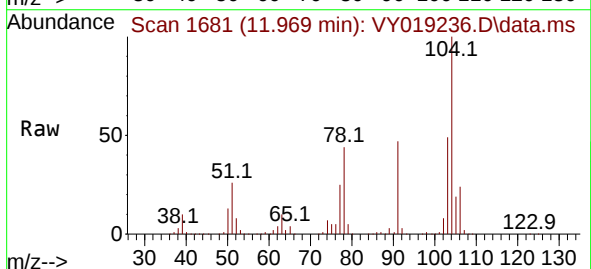
Tgt Ion:104 Resp: 252204

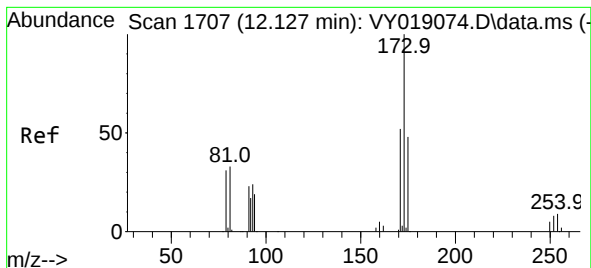
Ion Ratio Lower Upper

104 100

78 47.7 37.0 55.4

103 53.8 44.2 66.2





#71

Bromoform

Concen: 47.411 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019236.D

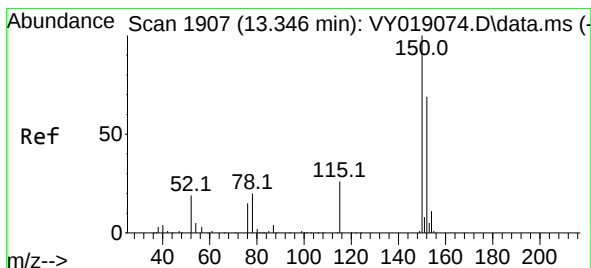
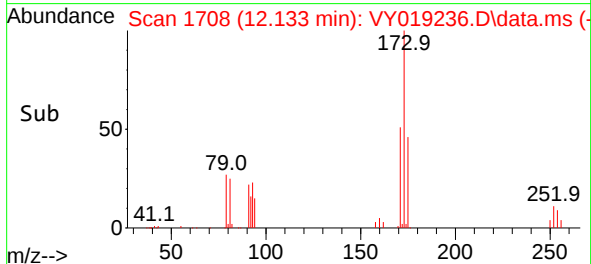
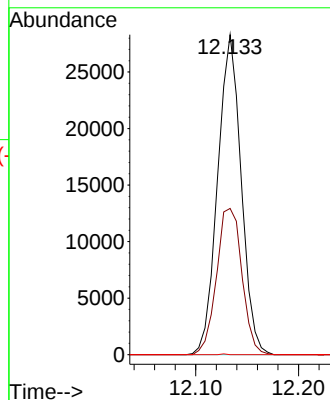
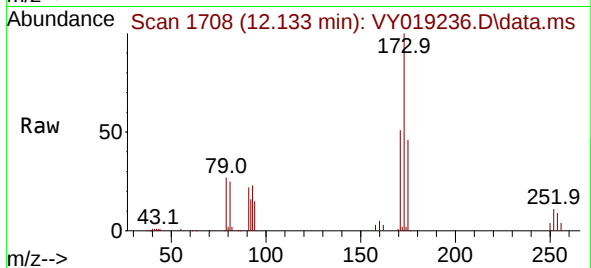
Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	44900
Ion Ratio	Lower	Upper
173	100	
175	49.4	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

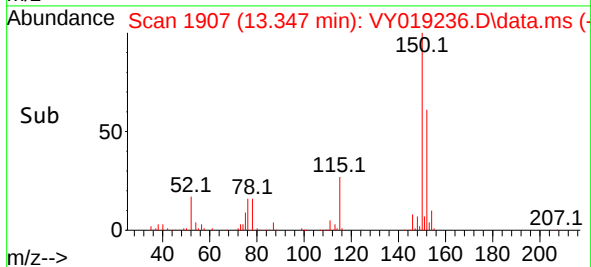
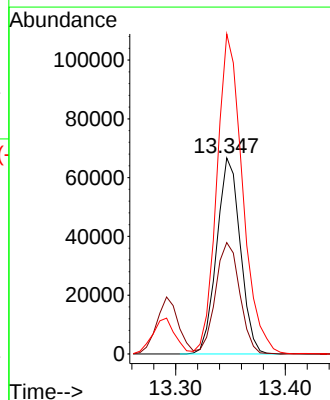
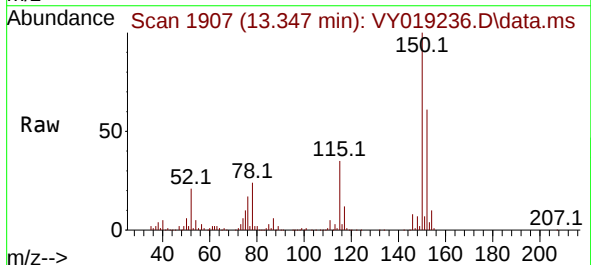
RT: 13.347 min Scan# 1907

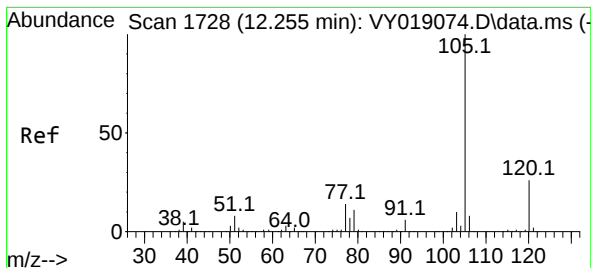
Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Tgt Ion:152	Resp:	99747
Ion Ratio	Lower	Upper
152	100	
115	58.4	28.2 84.7
150	177.8	0.0 345.6





#73

Isopropylbenzene

Concen: 49.664 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

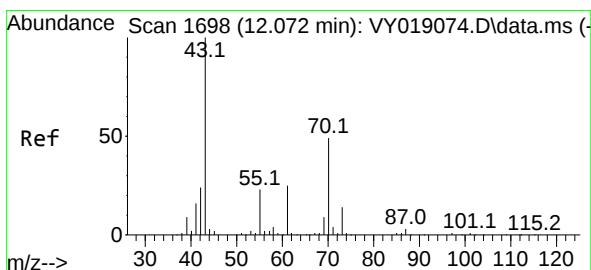
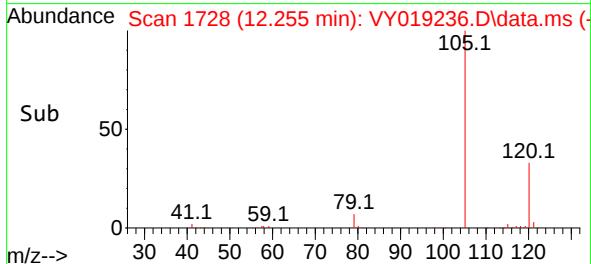
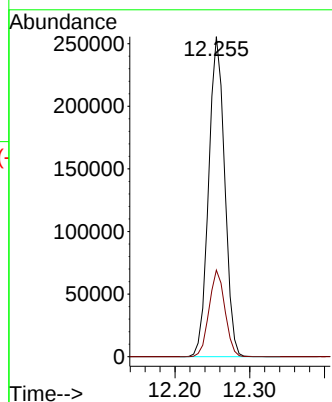
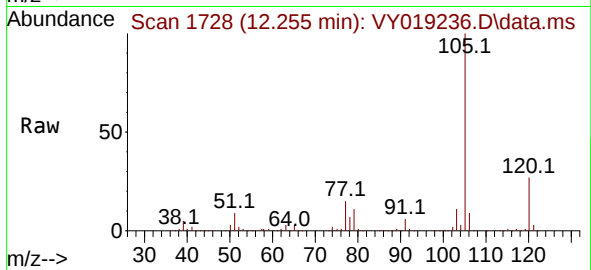
ClientSampleId :

Tgt Ion:105 Resp: 379690

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 51.370 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Tgt Ion: 43 Resp: 85638

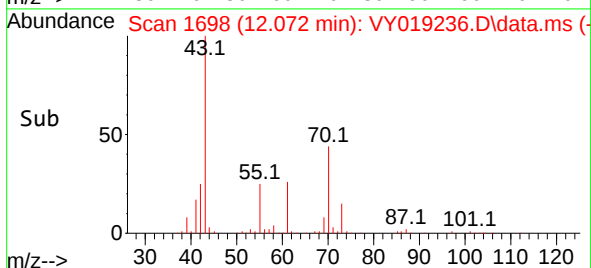
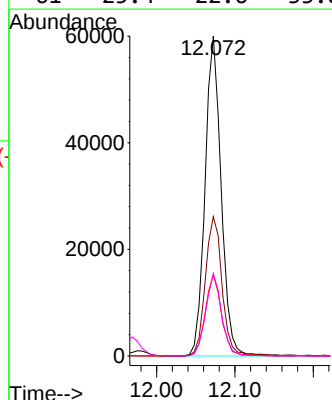
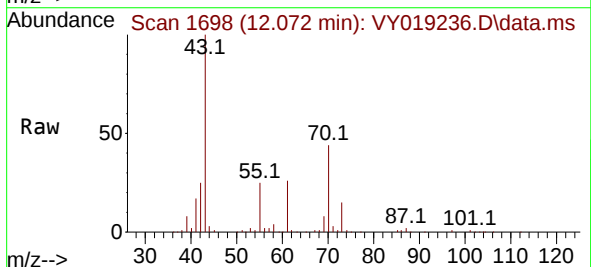
Ion Ratio Lower Upper

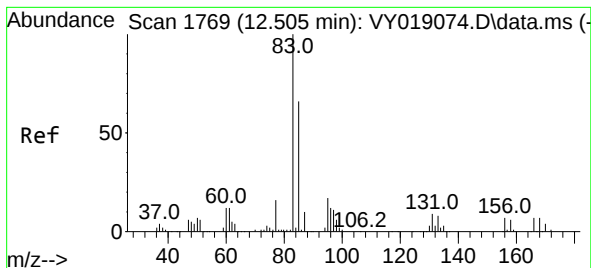
43 100

70 45.1 41.4 62.2

55 25.7 23.3 34.9

61 25.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.676 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

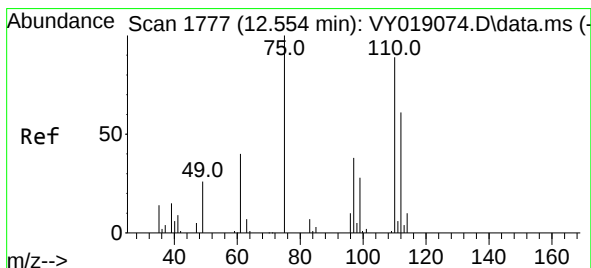
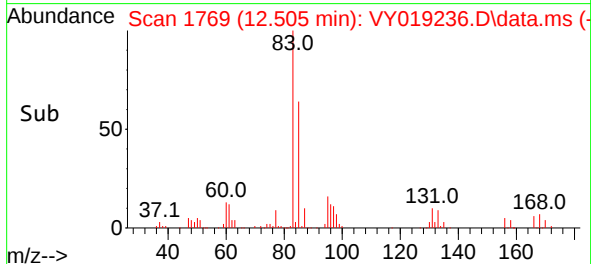
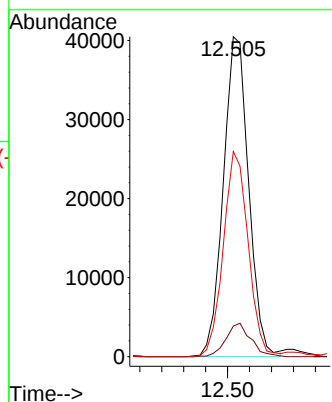
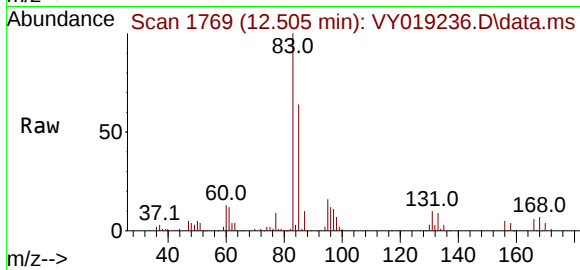
Tgt Ion: 83 Resp: 64890

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 63.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 83.730 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019236.D

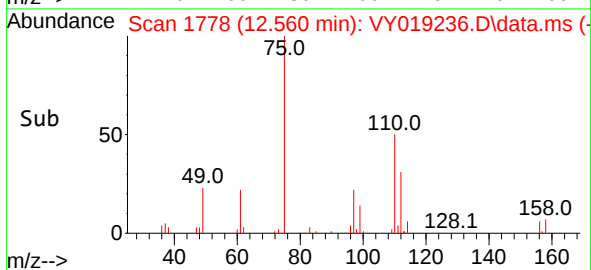
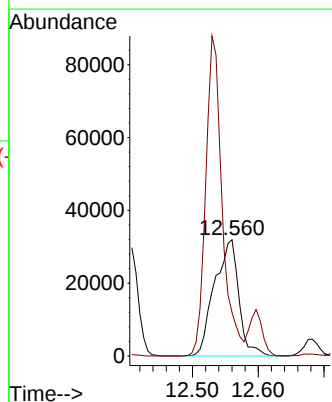
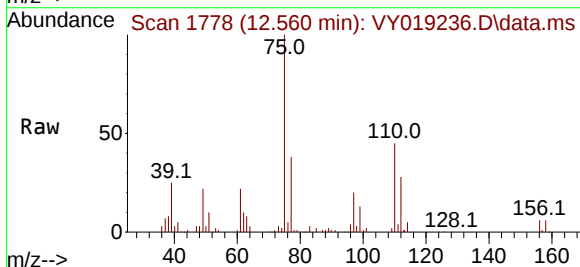
Acq: 22 Aug 2024 21:33

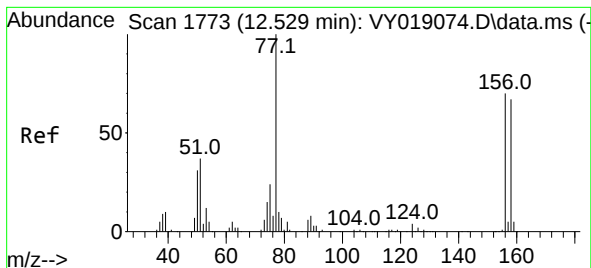
Tgt Ion: 75 Resp: 82364

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.280 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

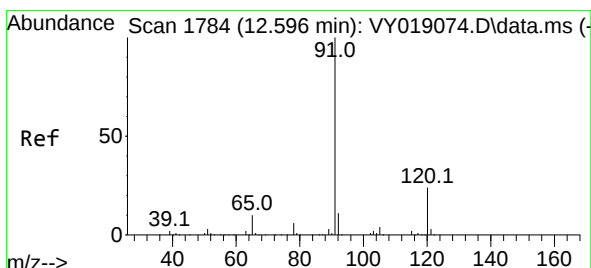
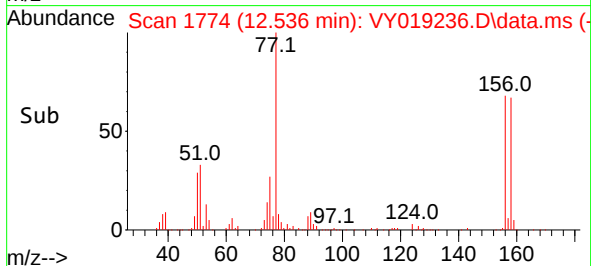
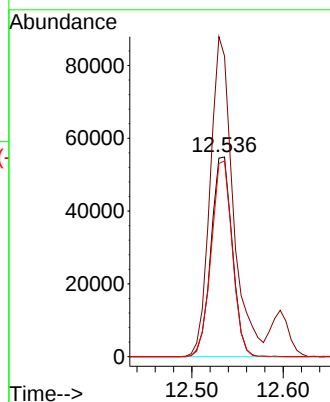
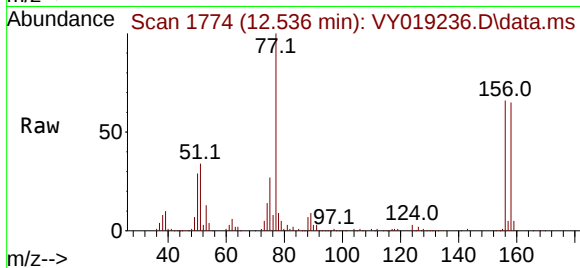
Tgt Ion:156 Resp: 88645

Ion Ratio Lower Upper

156 100

77 172.9 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 48.909 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019236.D

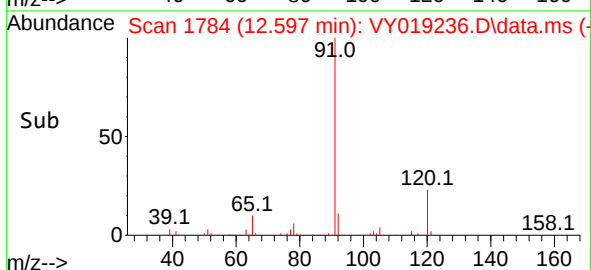
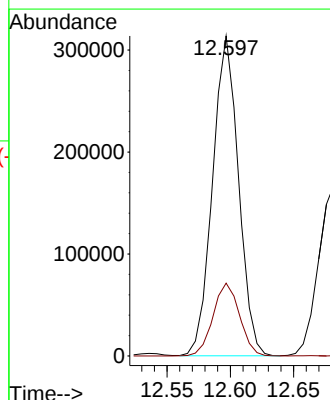
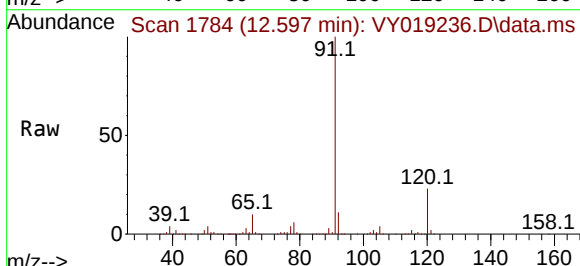
Acq: 22 Aug 2024 21:33

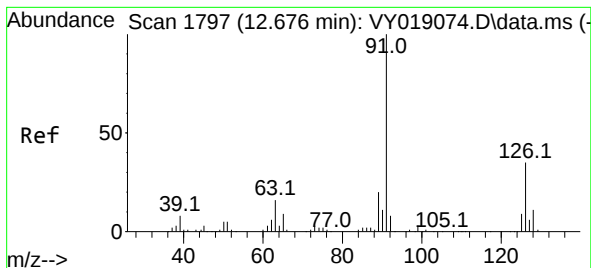
Tgt Ion: 91 Resp: 446996

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.806 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

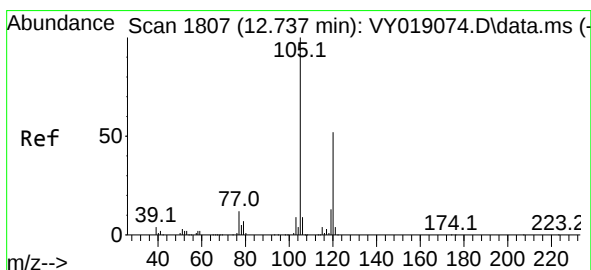
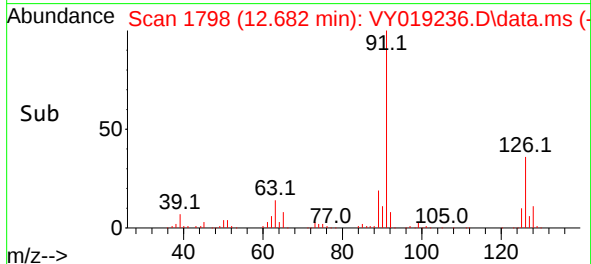
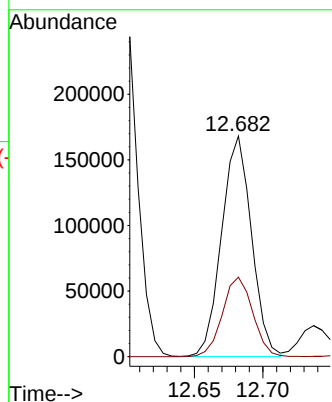
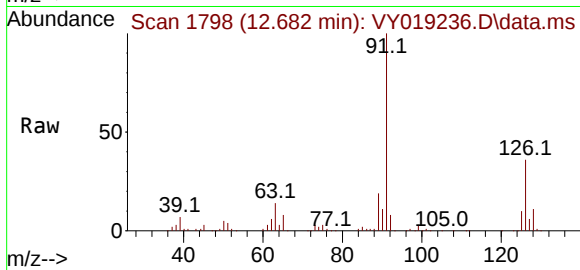
ClientSampleId :

Tgt Ion: 91 Resp: 255199

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.153 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019236.D

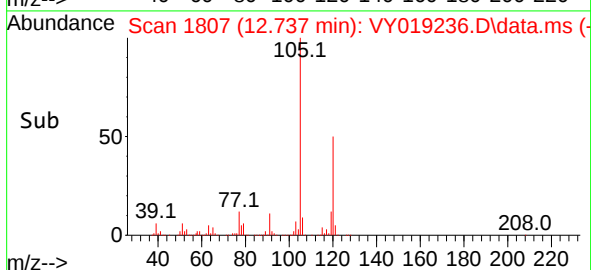
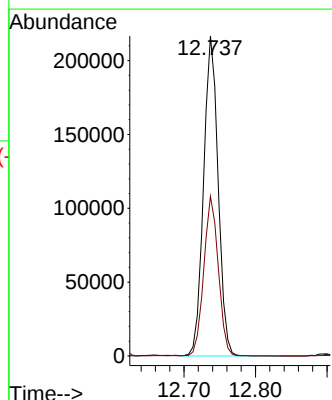
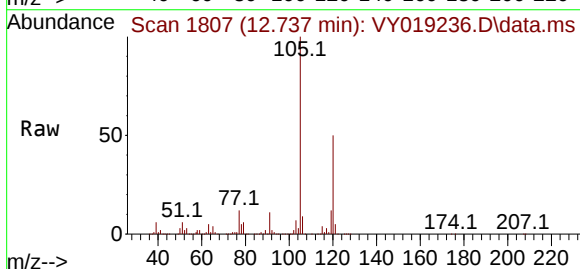
Acq: 22 Aug 2024 21:33

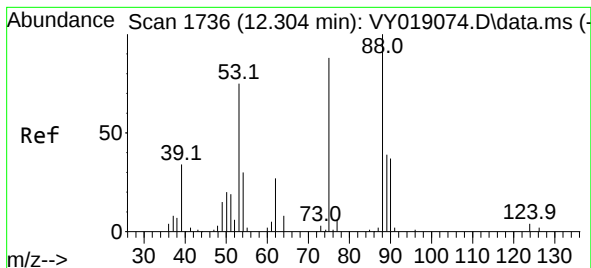
Tgt Ion: 105 Resp: 306132

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2

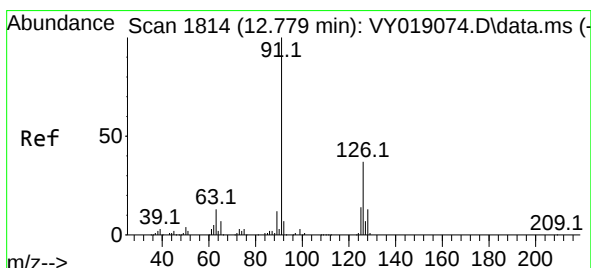
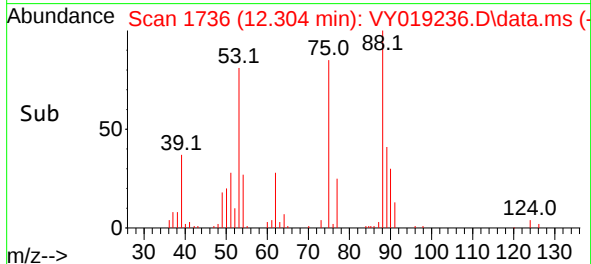
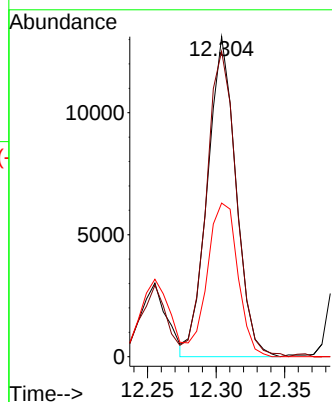
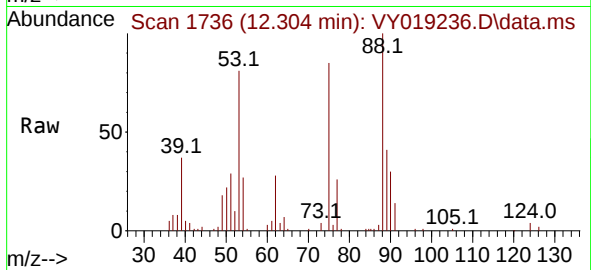




#81
trans-1,4-Dichloro-2-butene
Concen: 47.546 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

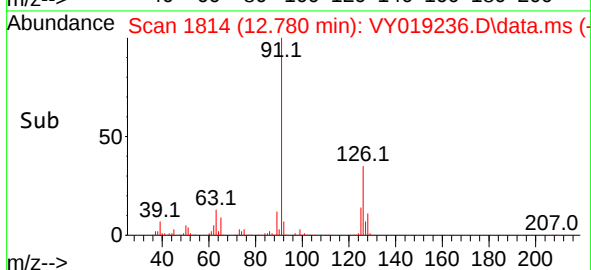
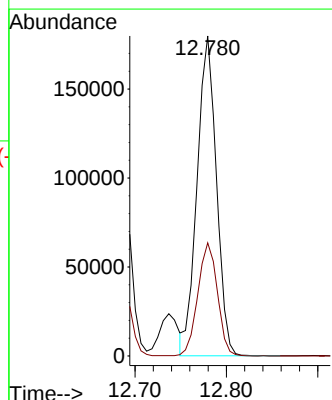
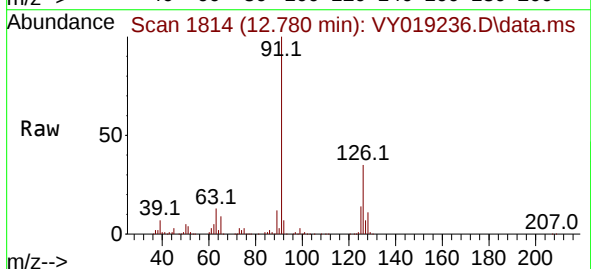
Instrument :
MSVOA_Y
ClientSampleId :

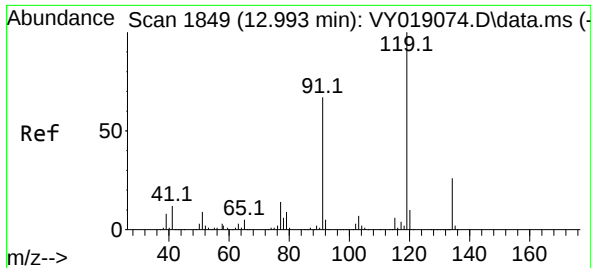
Tgt Ion: 75 Resp: 18938
Ion Ratio Lower Upper
75 100
53 100.4 66.8 100.2#
89 51.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.569 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion: 91 Resp: 264240
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9

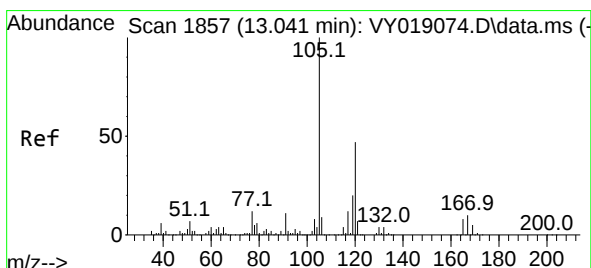
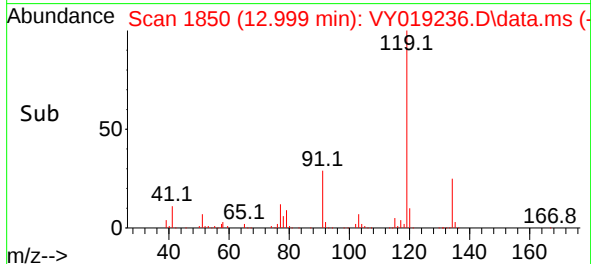
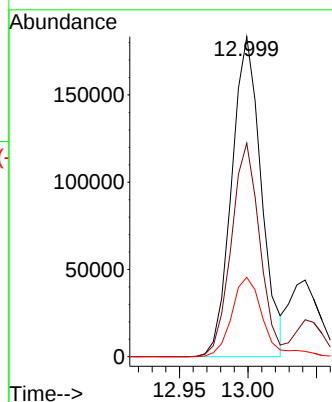
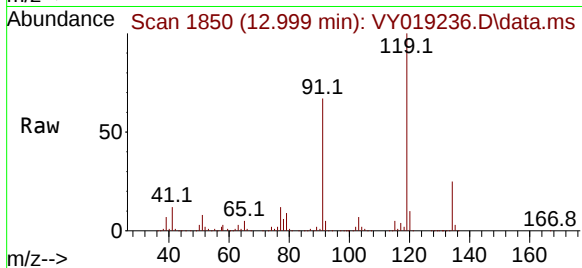




#83
tert-Butylbenzene
Concen: 48.146 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

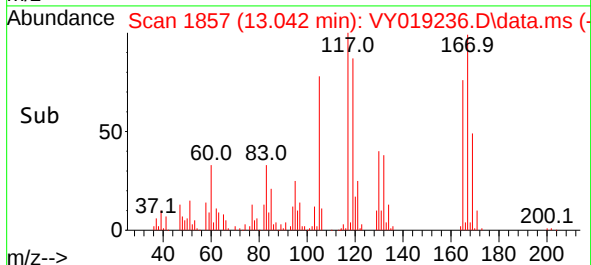
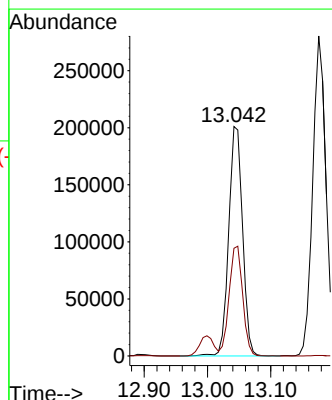
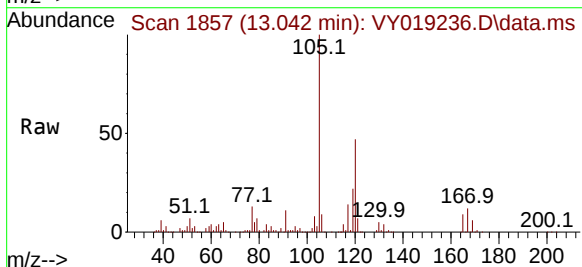
Instrument :
MSVOA_Y
ClientSampleId :

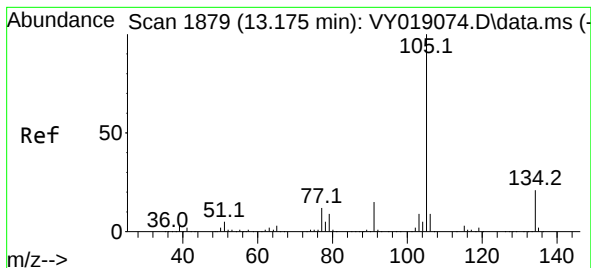
Tgt Ion:119 Resp: 276912
Ion Ratio Lower Upper
119 100
91 63.9 31.3 93.8
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 49.031 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY019236.D
Acq: 22 Aug 2024 21:33

Tgt Ion:105 Resp: 304349
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.245 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

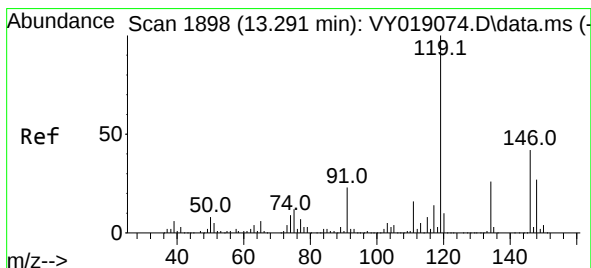
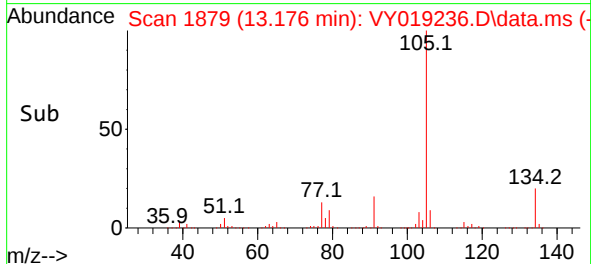
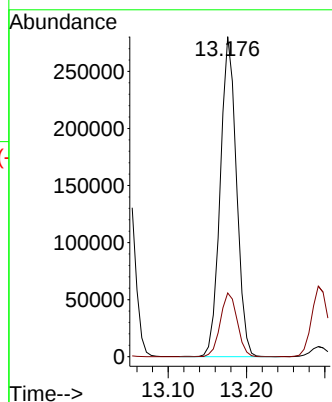
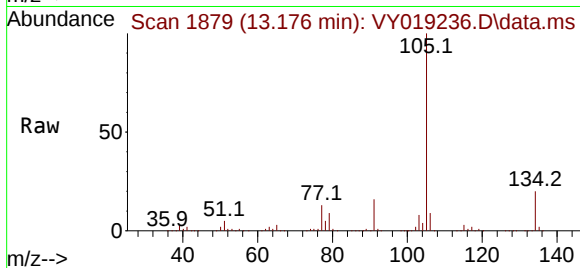
ClientSampleId :

Tgt Ion:105 Resp: 404367

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.690 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

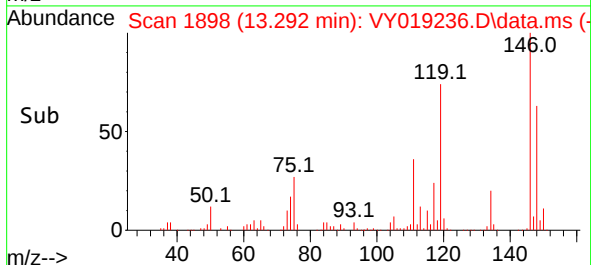
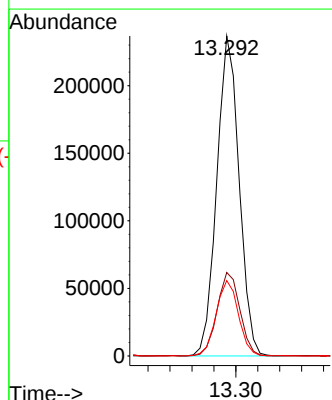
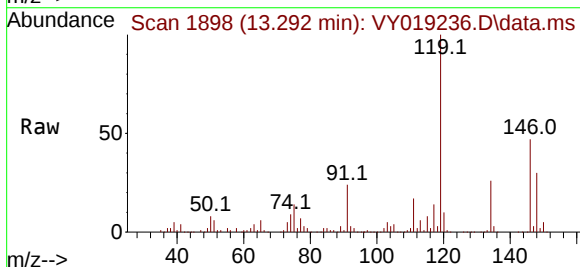
Tgt Ion:119 Resp: 335206

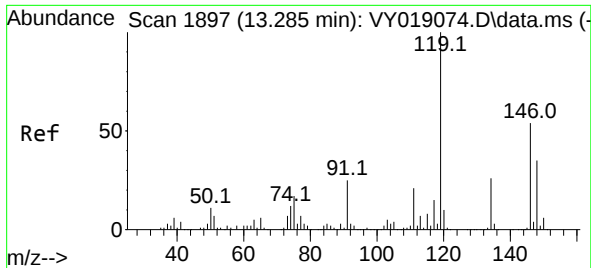
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.5 10.7 32.1

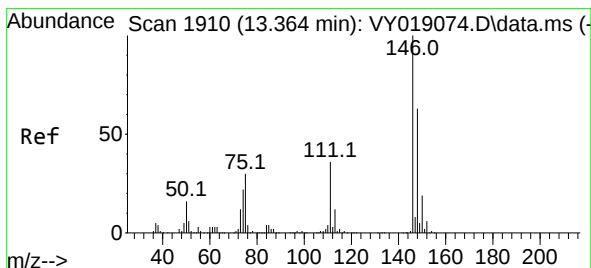
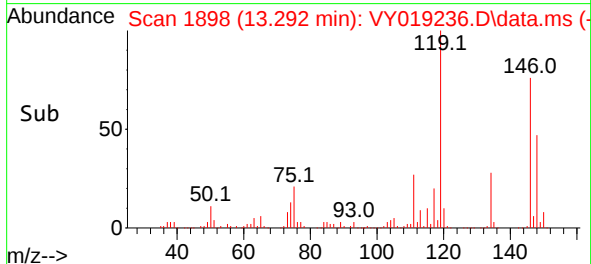
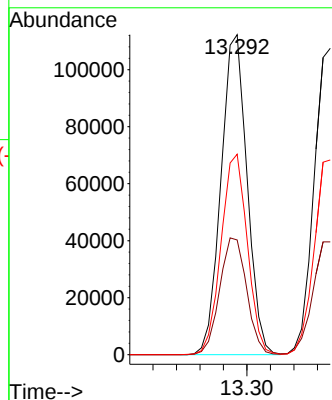
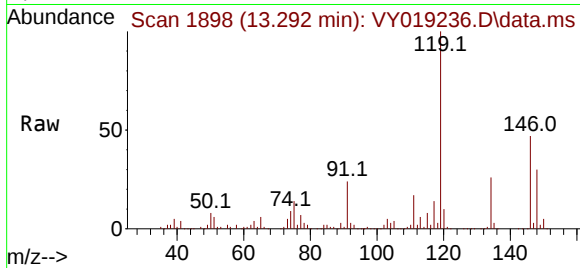




#87
 1,3-Dichlorobenzene
 Concen: 47.854 ug/l
 RT: 13.292 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33

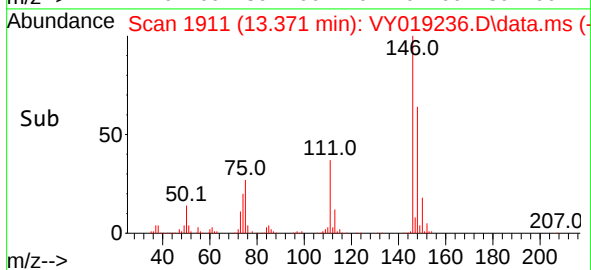
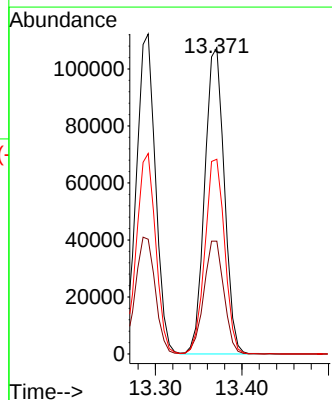
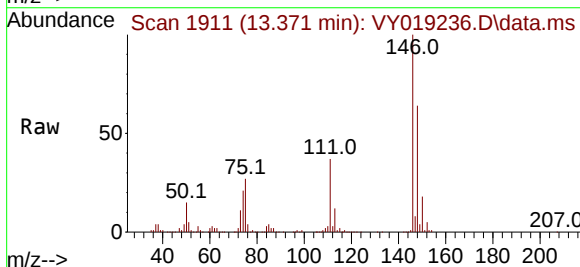
Instrument :
 MSVOA_Y
 ClientSampleId :

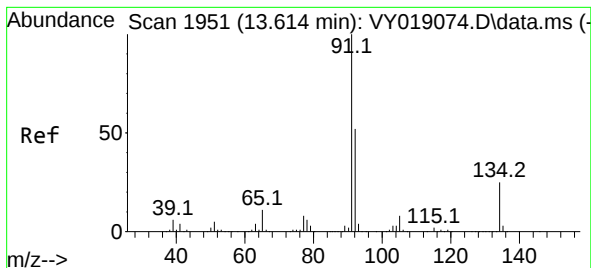
Tgt Ion:146 Resp: 173276
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 63.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.808 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY019236.D
 Acq: 22 Aug 2024 21:33

Tgt Ion:146 Resp: 168476
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.4 55.4
 148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 48.055 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

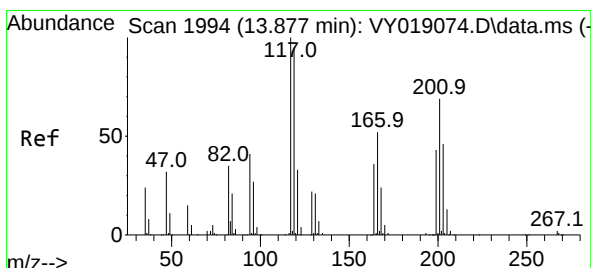
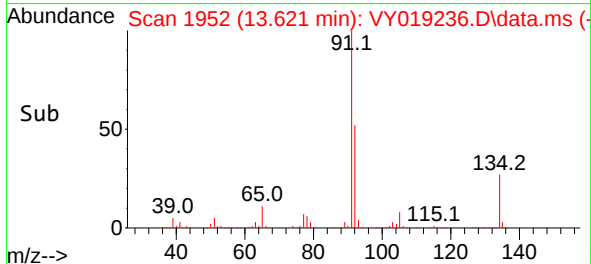
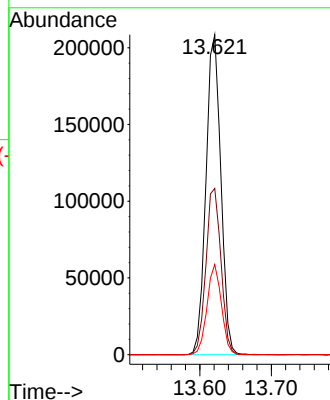
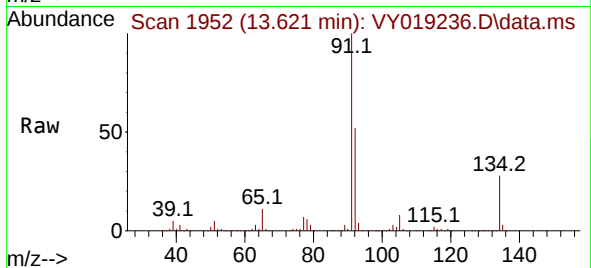
Tgt Ion: 91 Resp: 301626

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 27.2 12.9 38.7



#90

Hexachloroethane

Concen: 47.966 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019236.D

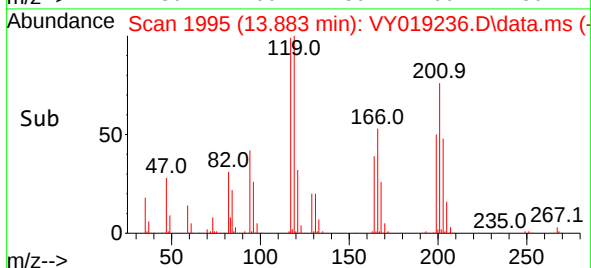
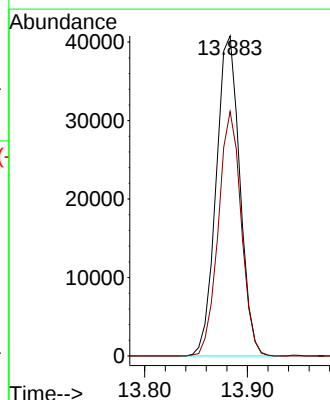
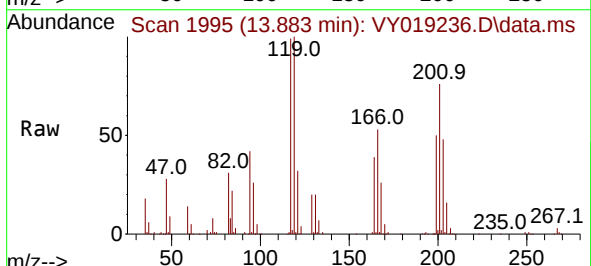
Acq: 22 Aug 2024 21:33

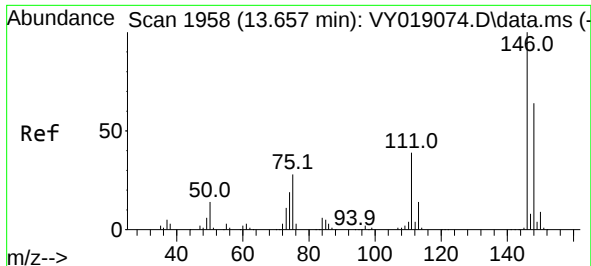
Tgt Ion: 117 Resp: 65089

Ion Ratio Lower Upper

117 100

201 73.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 47.772 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

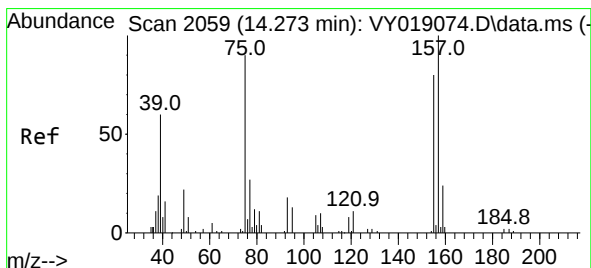
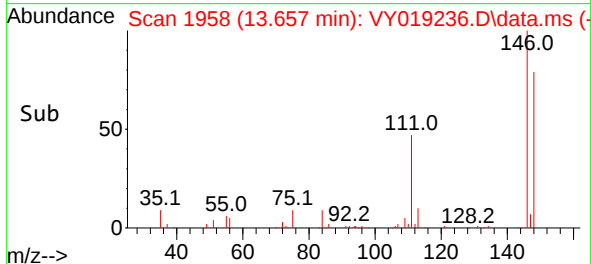
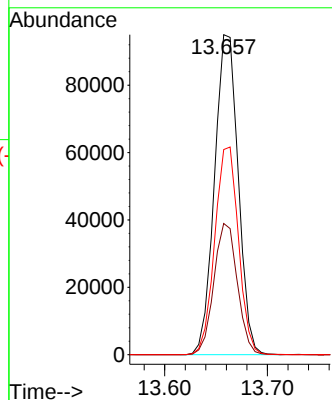
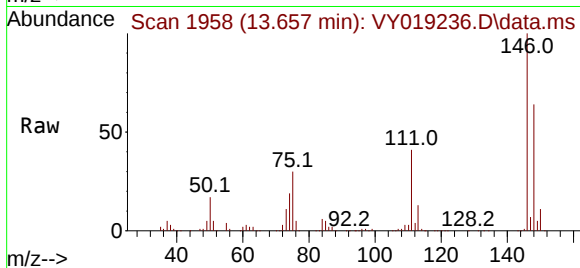
Tgt Ion:146 Resp: 152134

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

148 64.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.142 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

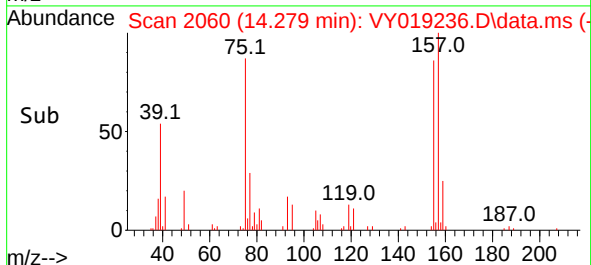
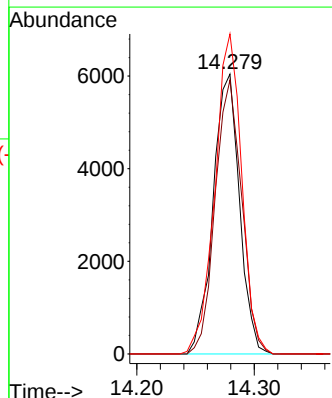
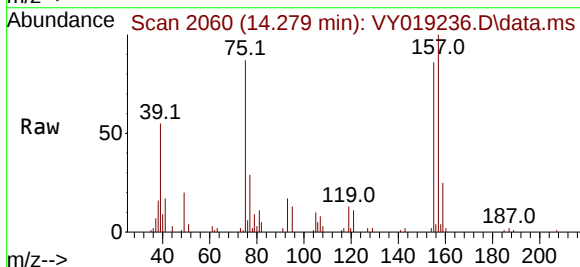
Tgt Ion: 75 Resp: 9439

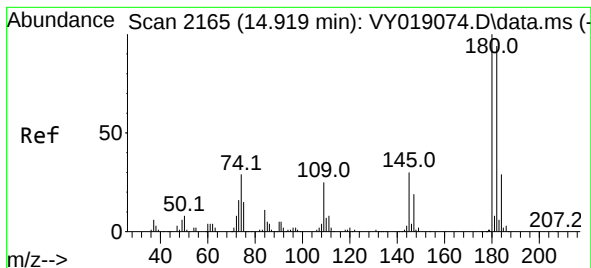
Ion Ratio Lower Upper

75 100

155 98.2 48.6 145.8

157 116.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.909 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

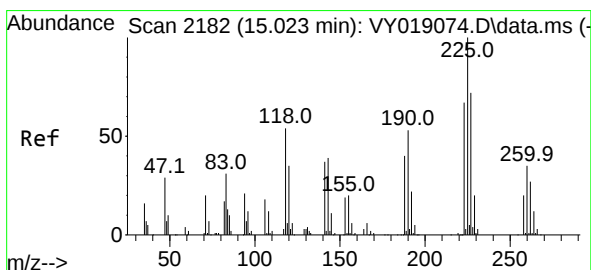
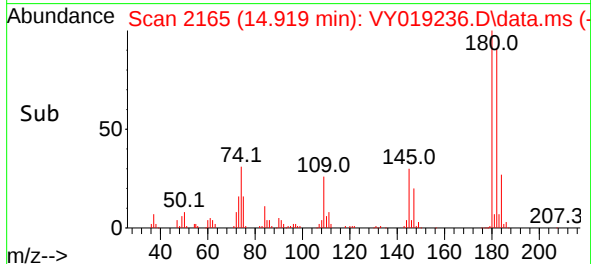
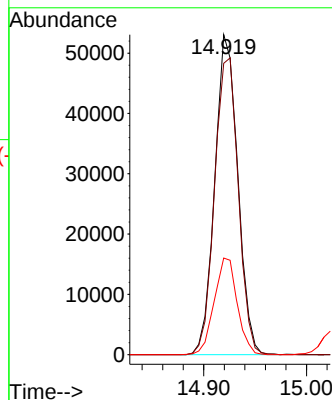
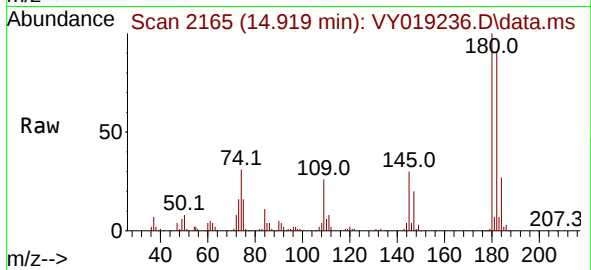
Tgt Ion:180 Resp: 82449

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.781 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

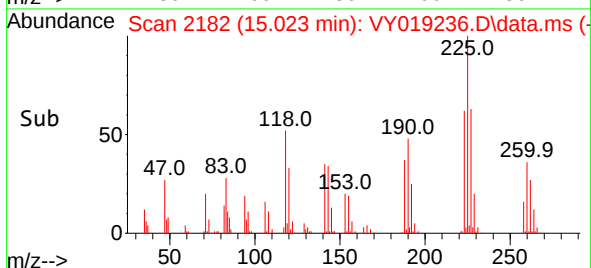
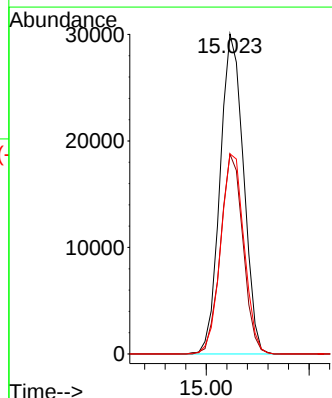
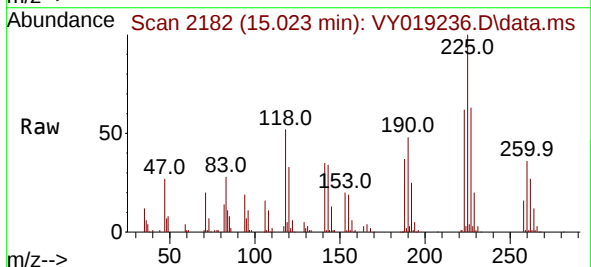
Tgt Ion:225 Resp: 47503

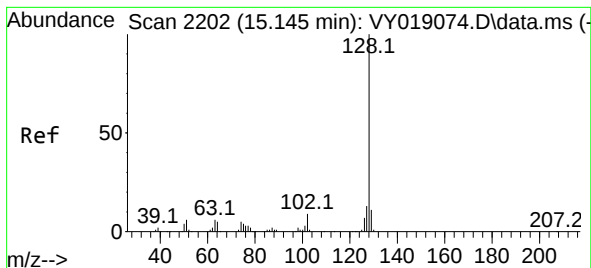
Ion Ratio Lower Upper

225 100

223 60.1 30.4 91.2

227 62.5 31.9 95.9





#95

Naphthalene

Concen: 48.046 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Instrument :

MSVOA_Y

ClientSampleId :

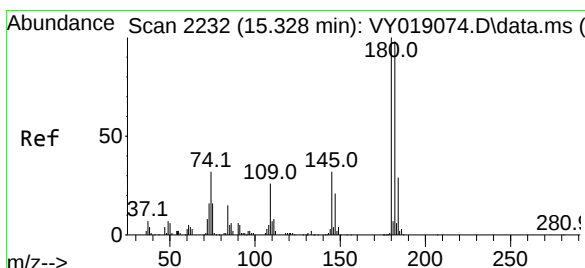
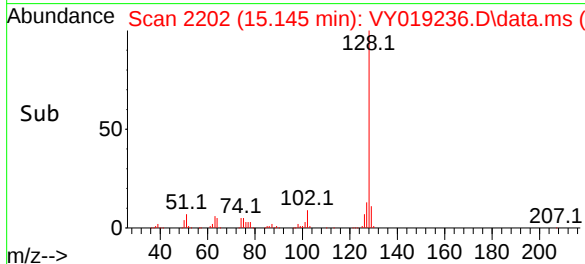
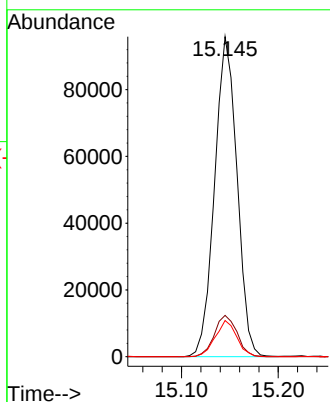
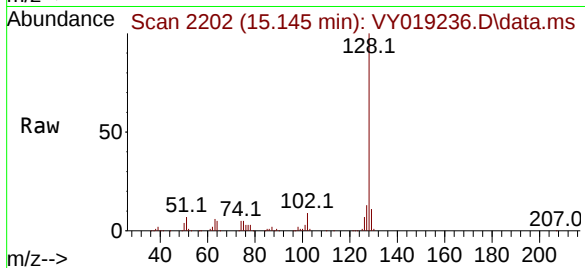
Tgt Ion:128 Resp: 153996

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.486 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019236.D

Acq: 22 Aug 2024 21:33

Tgt Ion:180 Resp: 71927

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.9

145 32.0 15.4 46.1

