

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019136.D
 Acq On : 20 Aug 2024 00:39
 Operator : SY/MD
 Sample : VY0819SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:54:21 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	120822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	199883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	169955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	84817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	64565	53.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.622	113	65906	50.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.103	98	238664	50.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.408	95	77879	48.573	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.140%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	17456	19.692	ug/l	100
3) Chloromethane	2.068	50	30468	19.069	ug/l	94
4) Vinyl Chloride	2.196	62	36460	18.474	ug/l	98
5) Bromomethane	2.580	94	29509	21.066	ug/l	95
6) Chloroethane	2.727	64	24870	18.550	ug/l	96
7) Trichlorofluoromethane	3.044	101	50461	16.911	ug/l	97
8) Diethyl Ether	3.446	74	11606	18.020	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.806	101	23607	17.796	ug/l	97
10) Methyl Iodide	3.988	142	20805	16.001	ug/l	95
11) Tert butyl alcohol	4.830	59	11606	85.122	ug/l #	89
12) 1,1-Dichloroethene	3.775	96	22188	18.410	ug/l	93
13) Acrolein	3.641	56	8027	74.404	ug/l	100
14) Allyl chloride	4.373	41	29826	18.614	ug/l	91
15) Acrylonitrile	5.043	53	27245	103.382	ug/l	98
16) Acetone	3.860	43	19495	86.795	ug/l	88
17) Carbon Disulfide	4.092	76	60377	17.761	ug/l	98
18) Methyl Acetate	4.373	43	16315	23.667	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	59134	20.238	ug/l	94
20) Methylene Chloride	4.604	84	38537	21.874	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	27008	20.058	ug/l	94
22) Diisopropyl ether	6.006	45	72938	19.884	ug/l #	89
23) Vinyl Acetate	5.945	43	270849	93.262	ug/l	96
24) 1,1-Dichloroethane	5.903	63	44137	19.675	ug/l	99
25) 2-Butanone	6.878	43	33828	93.518	ug/l	91
26) 2,2-Dichloropropane	6.872	77	30794	16.952	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	32163	20.298	ug/l	98
28) Bromochloromethane	7.226	49	19333	20.545	ug/l	100
29) Tetrahydrofuran	7.250	42	22965	98.762	ug/l	93
30) Chloroform	7.409	83	50814	20.328	ug/l	94
31) Cyclohexane	7.689	56	35378	17.652	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	43383	19.749	ug/l	98
36) 1,1-Dichloropropene	7.829	75	33003	18.389	ug/l	100
37) Ethyl Acetate	6.970	43	15144	19.046	ug/l	98
38) Carbon Tetrachloride	7.805	117	39555	19.018	ug/l	98
39) Methylcyclohexane	9.097	83	40045	17.388	ug/l	96
40) Benzene	8.067	78	105820	19.225	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	7564	17.429	ug/l	97
42) 1,2-Dichloroethane	8.146	62	29475	19.830	ug/l	96
43) Isopropyl Acetate	8.195	43	29858	18.568	ug/l #	82
44) Trichloroethene	8.860	130	29468	19.187	ug/l	100
45) 1,2-Dichloropropane	9.134	63	24644	20.095	ug/l	91
46) Dibromomethane	9.225	93	15289	19.222	ug/l	99
47) Bromodichloromethane	9.420	83	39001	19.986	ug/l	96
48) Methyl methacrylate	9.213	41	13585	18.956	ug/l #	88
49) 1,4-Dioxane	9.219	88	3687	382.658	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	82320	96.450	ug/l	92
52) Toluene	10.164	92	70278	19.451	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	30176	18.641	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	36336	18.664	ug/l #	92
55) 1,1,2-Trichloroethane	10.567	97	20205	19.732	ug/l	97
56) Ethyl methacrylate	10.439	69	25483	19.013	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	33105	19.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	58813	92.500	ug/l	96
59) 2-Hexanone	10.762	43	54219	92.466	ug/l	91
60) Dibromochloromethane	10.908	129	26691	19.138	ug/l	99
61) 1,2-Dibromoethane	11.012	107	19813	20.019	ug/l	98
64) Tetrachloroethene	10.646	164	31664	21.315	ug/l	98
65) Chlorobenzene	11.438	112	76958	19.665	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	27275	19.819	ug/l	97
67) Ethyl Benzene	11.518	91	127984	18.842	ug/l	97
68) m/p-Xylenes	11.627	106	101564	37.684	ug/l	99
69) o-Xylene	11.957	106	48991	19.629	ug/l	99
70) Styrene	11.969	104	81189	19.076	ug/l	97
71) Bromoform	12.133	173	15377	19.546	ug/l #	98
73) Isopropylbenzene	12.255	105	125363	19.284	ug/l	99
74) N-amyl acetate	12.072	43	25526	18.007	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	22121	19.114	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	26788	32.026	ug/l #	100
77) Bromobenzene	12.536	156	30184	19.334	ug/l	97
78) n-propylbenzene	12.597	91	148686	19.133	ug/l	99
79) 2-Chlorotoluene	12.682	91	84520	19.399	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	101946	19.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5856	17.290	ug/l #	85
82) 4-Chlorotoluene	12.780	91	86606	19.106	ug/l	99
83) tert-Butylbenzene	12.999	119	92675	18.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	100894	19.115	ug/l	99
85) sec-Butylbenzene	13.176	105	133395	18.717	ug/l	99
86) p-Isopropyltoluene	13.292	119	110581	18.890	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	58058	18.857	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	57951	18.935	ug/l	97
89) n-Butylbenzene	13.621	91	97226	18.217	ug/l	99
90) Hexachloroethane	13.883	117	22826	19.782	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	52138	19.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3201	18.801	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	26039	17.051	ug/l	97
94) Hexachlorobutadiene	15.023	225	14243	17.906	ug/l	100
95) Naphthalene	15.145	128	46303	16.989	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	21806	16.930	ug/l	99

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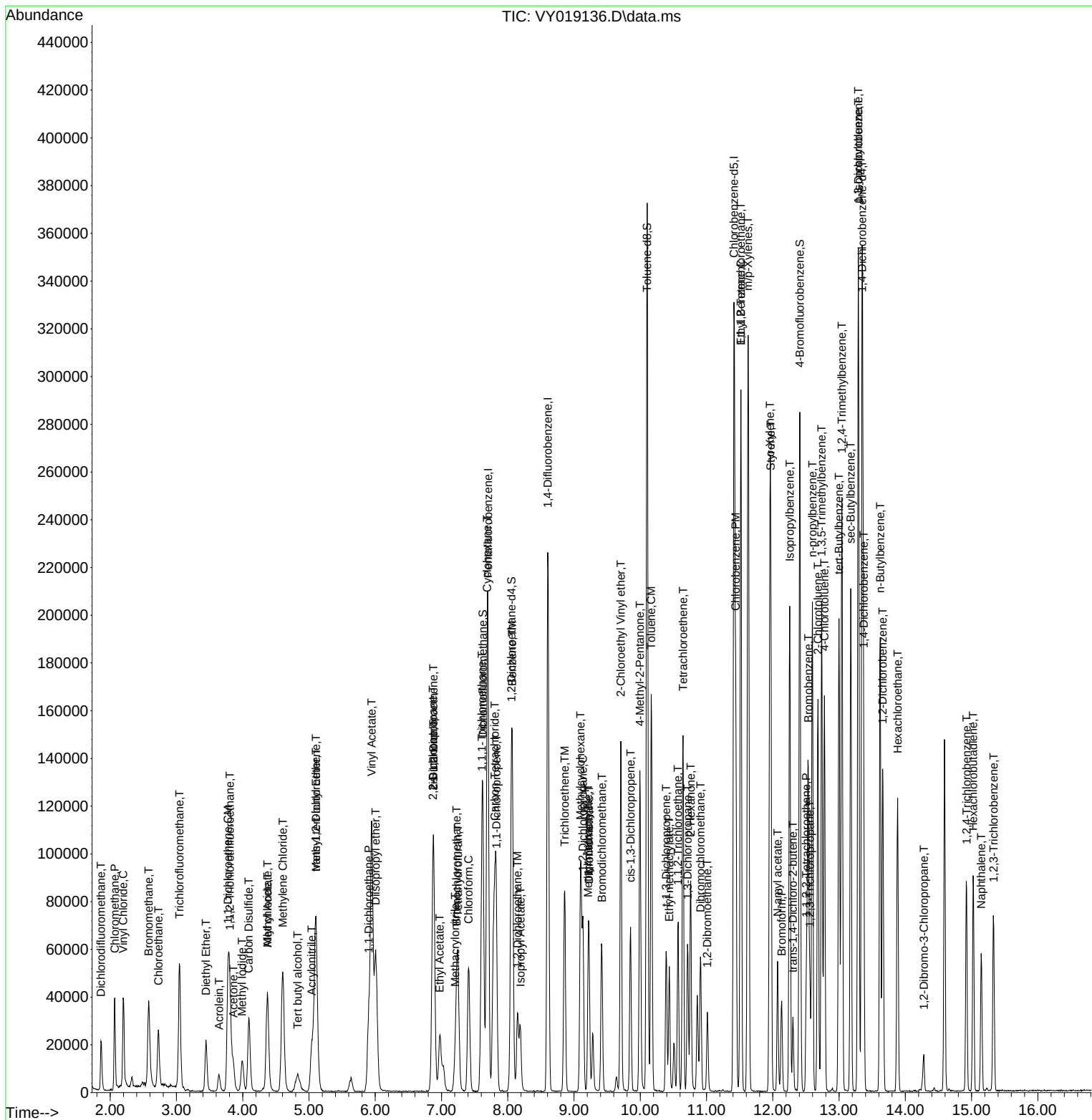
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MSVOA_Y
ClientSampleId :

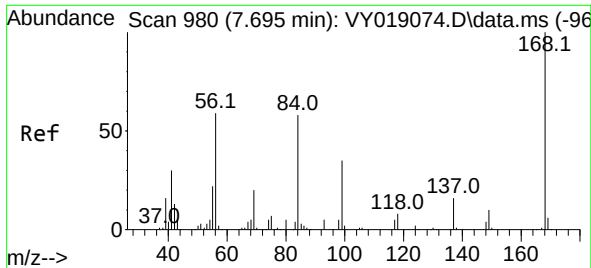
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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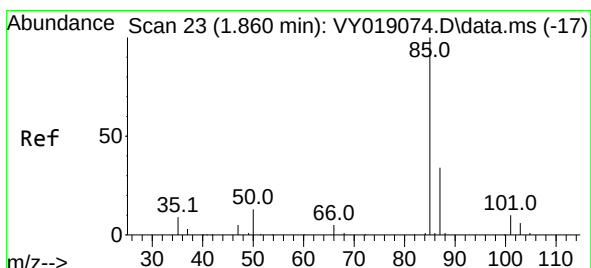
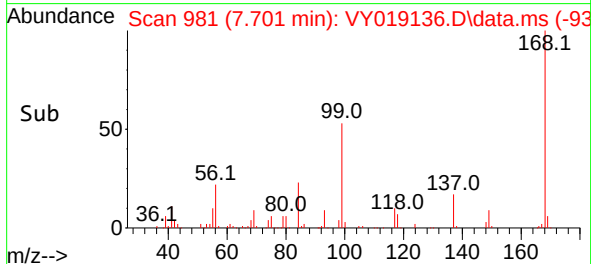
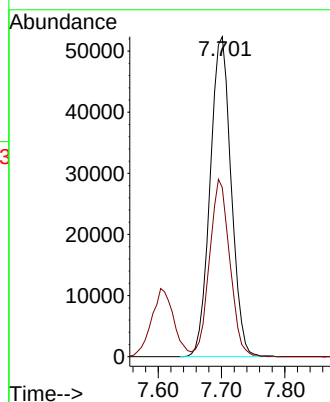
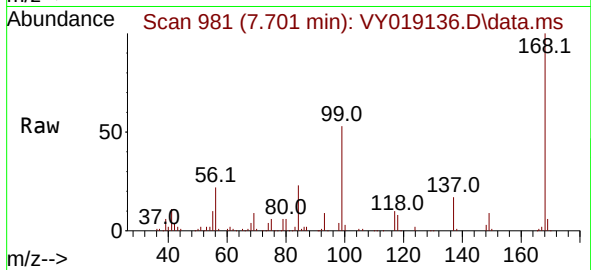




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019136.D
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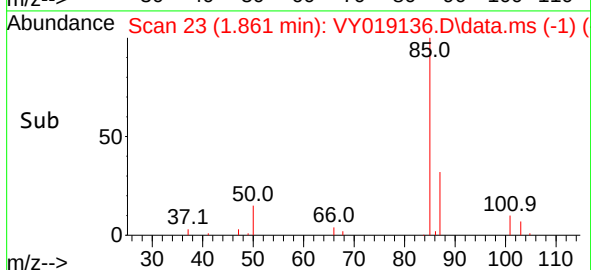
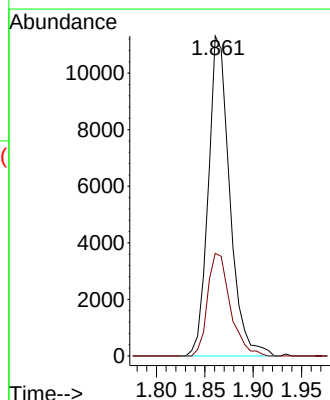
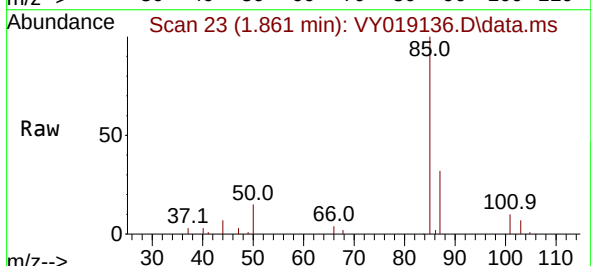
Instrument :
MSVOA_Y
ClientSampleId :

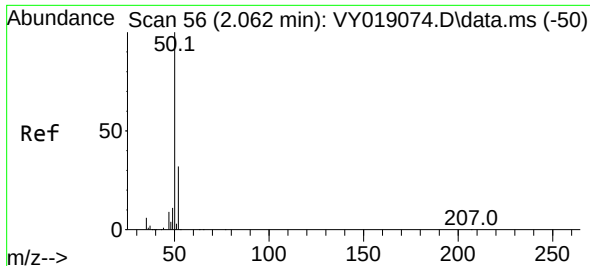
Tgt Ion:168 Resp: 120822
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.692 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 85 Resp: 17456
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

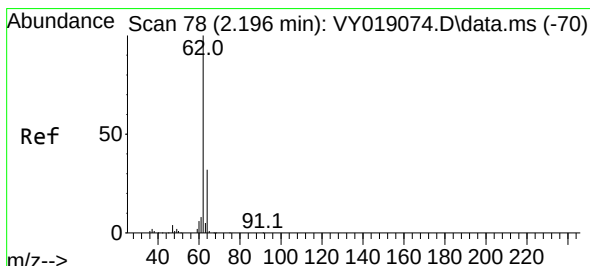
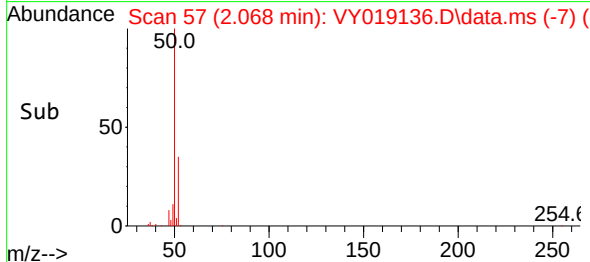
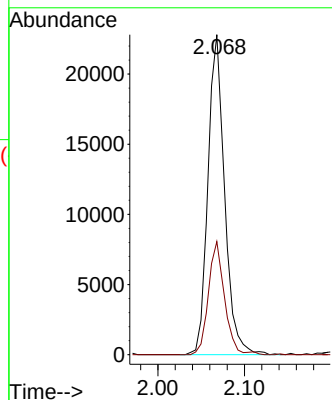
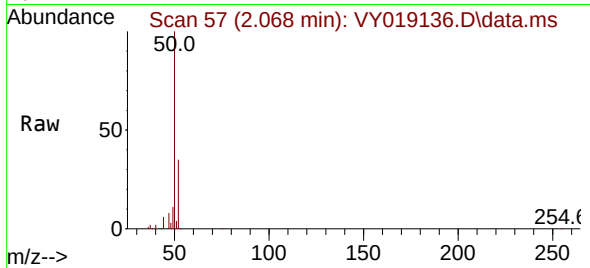




#3
Chloromethane
Concen: 19.069 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

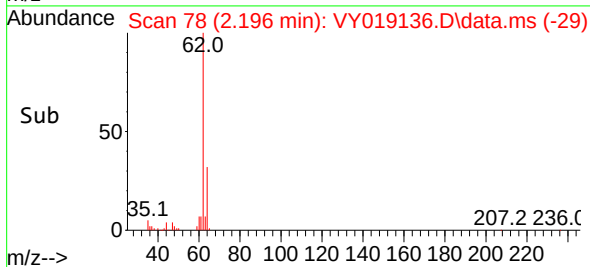
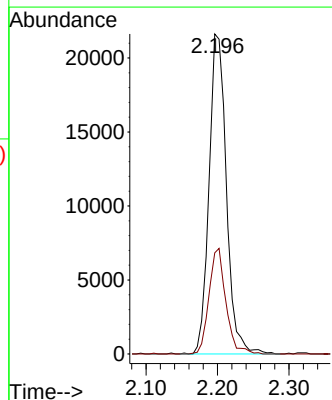
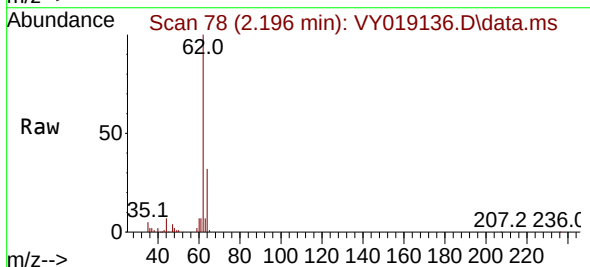
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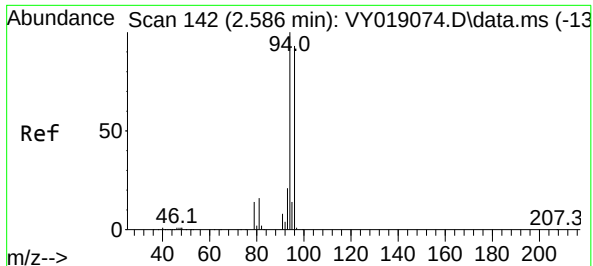
Tgt Ion: 50 Resp: 30468
Ion Ratio Lower Upper
50 100
52 35.4 25.6 38.4



#4
Vinyl Chloride
Concen: 18.474 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

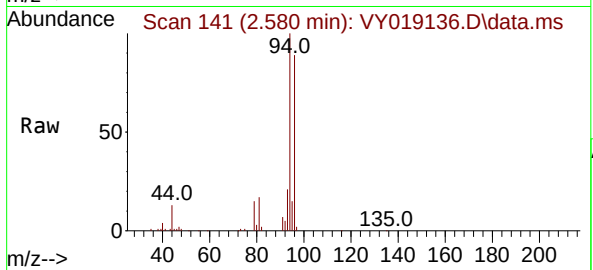
Tgt Ion: 62 Resp: 36460
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1



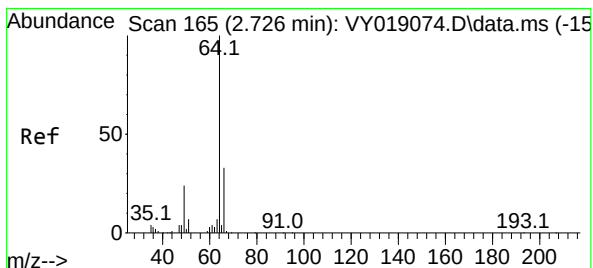
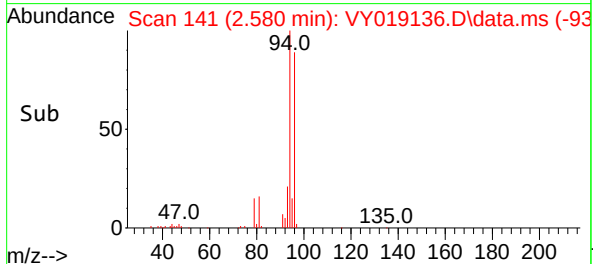
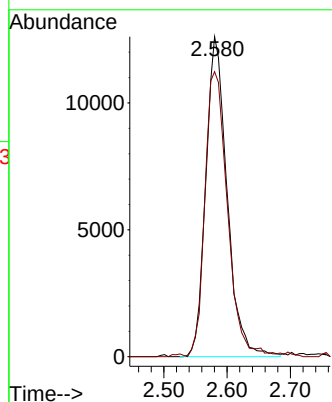


#5
Bromomethane
Concen: 21.066 ug/l
RT: 2.580 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Instrument :
MSVOA_Y
ClientSampleId :

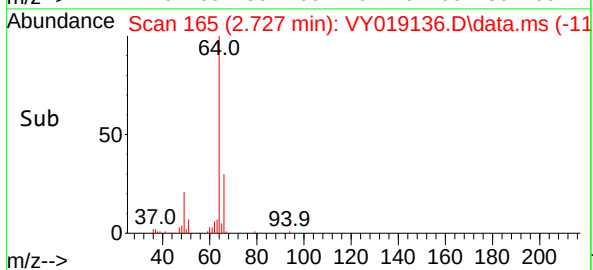
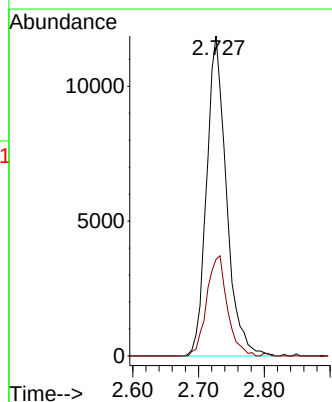
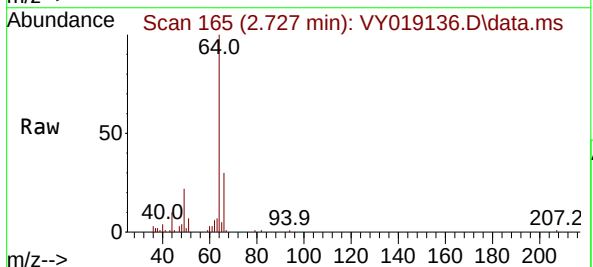


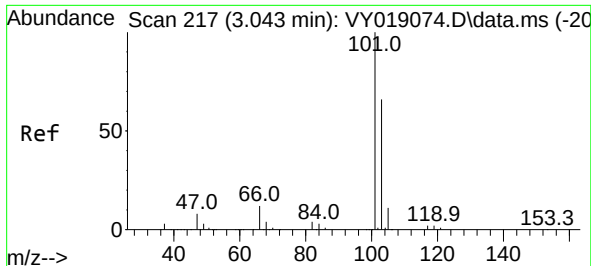
Tgt Ion: 94 Resp: 29509
Ion Ratio Lower Upper
94 100
96 88.2 74.1 111.1



#6
Chloroethane
Concen: 18.550 ug/l
RT: 2.727 min Scan# 165
Delta R.T. 0.001 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 64 Resp: 24870
Ion Ratio Lower Upper
64 100
66 30.2 26.1 39.1

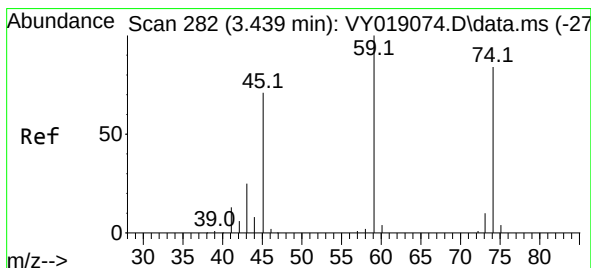
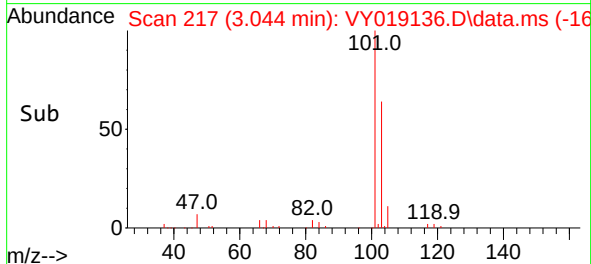
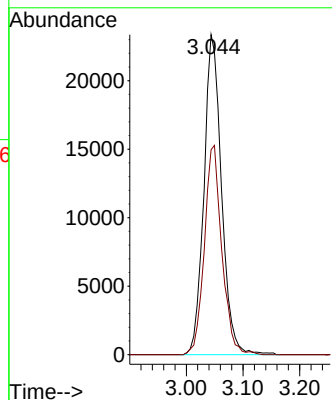
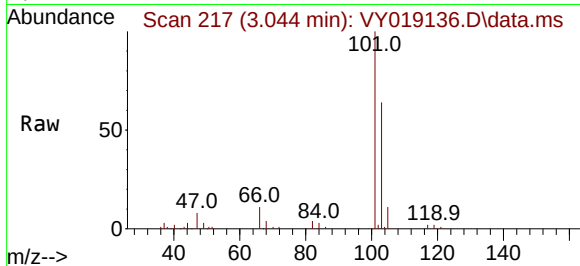




#7
 Trichlorofluoromethane
 Concen: 16.911 ug/l
 RT: 3.044 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

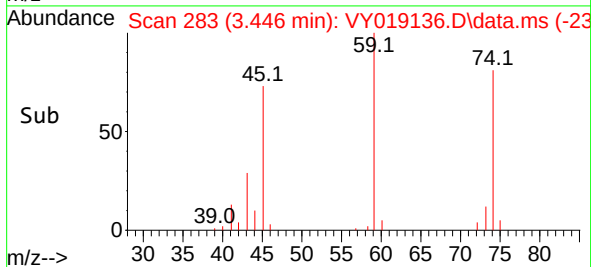
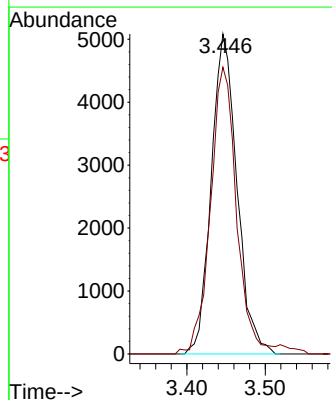
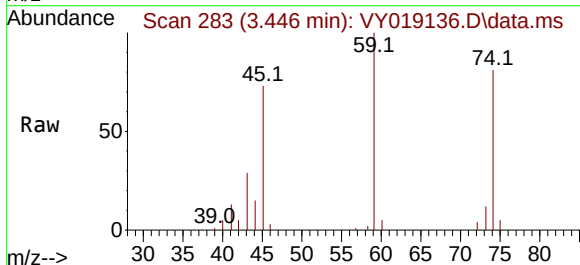
Instrument :
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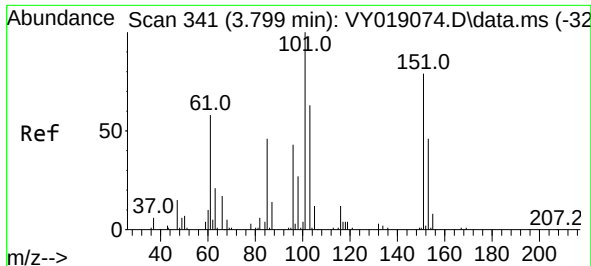
Tgt Ion:101 Resp: 50461
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.020 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

Tgt Ion: 74 Resp: 11606
 Ion Ratio Lower Upper
 74 100
 45 90.5 41.3 124.1

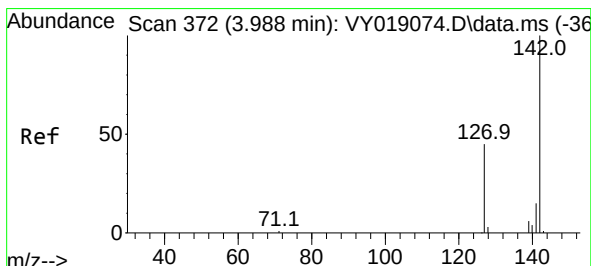
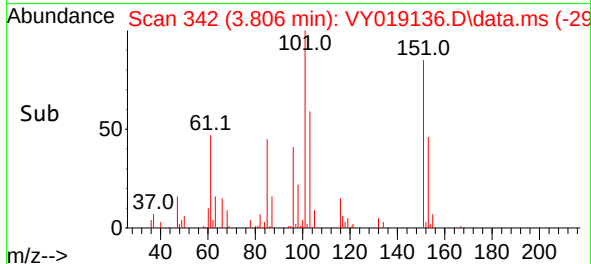
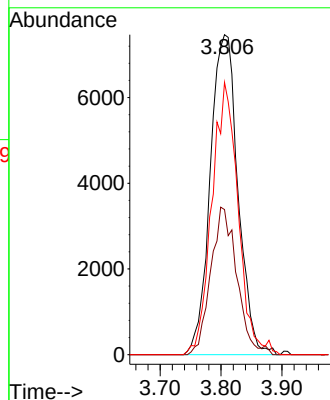
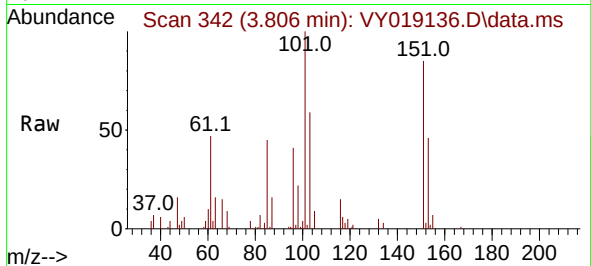




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.796 ug/l
RT: 3.806 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019136.D
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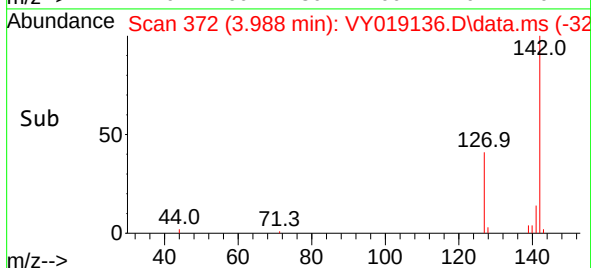
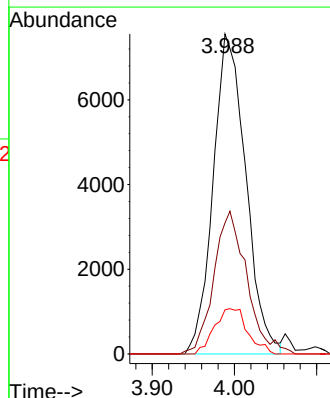
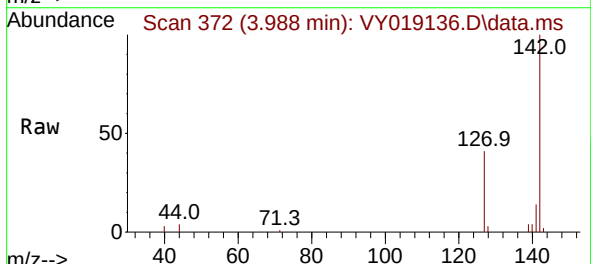
Instrument :
MSVOA_Y
ClientSampleId :

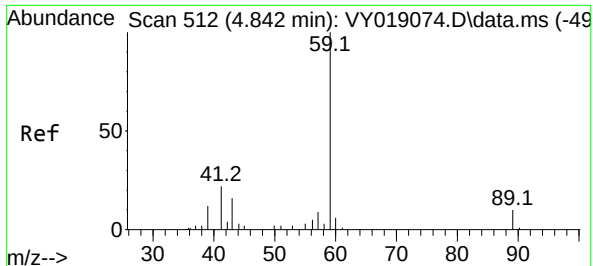
Tgt Ion:101	Resp:	23607
Ion Ratio	Lower	Upper
101	100	
85	43.5	34.5 51.7
151	80.6	61.7 92.5



#10
Methyl Iodide
Concen: 16.001 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion:142	Resp:	20805
Ion Ratio	Lower	Upper
142	100	
127	45.1	32.8 49.2
141	14.4	11.4 17.2





#11

Tert butyl alcohol

Concen: 85.122 ug/l

RT: 4.830 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

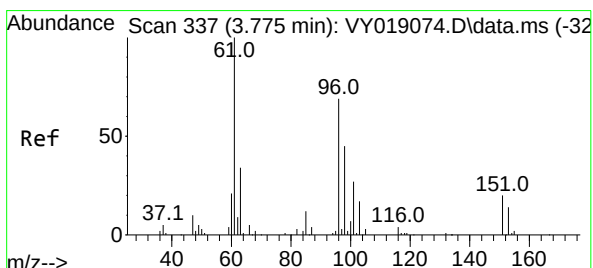
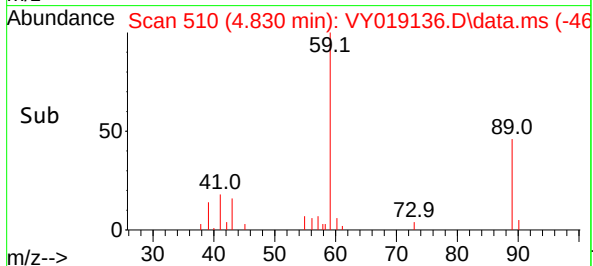
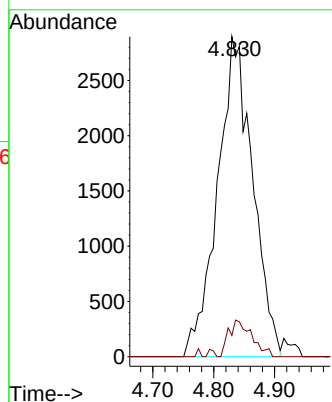
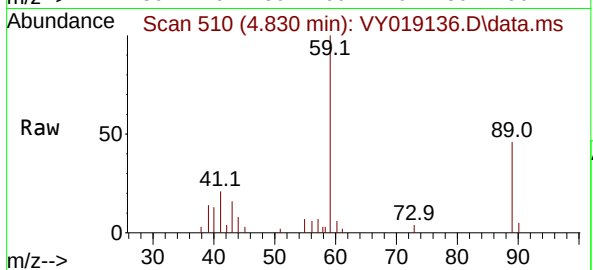
ClientSampleId :

Tgt Ion: 59 Resp: 11606

Ion Ratio Lower Upper

59 100

57 7.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.410 ug/l

RT: 3.775 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

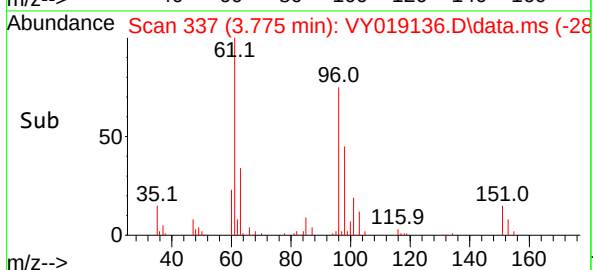
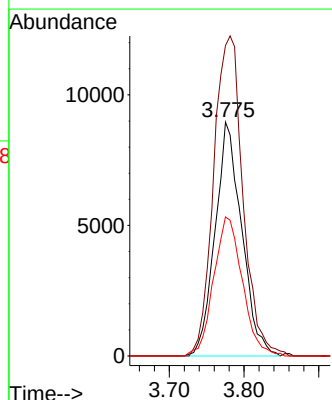
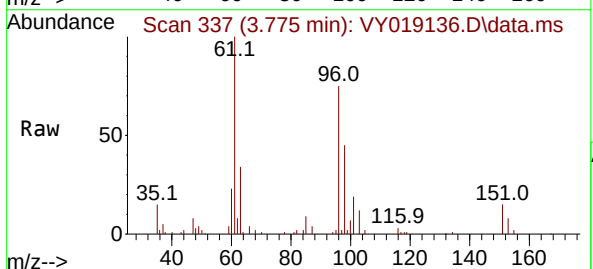
Tgt Ion: 96 Resp: 22188

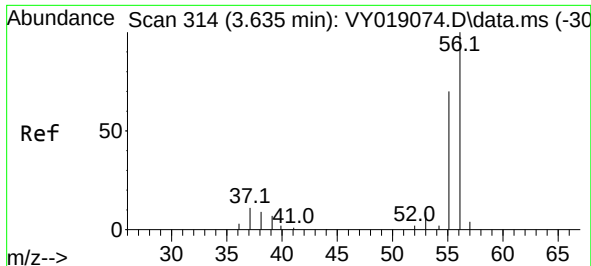
Ion Ratio Lower Upper

96 100

61 132.7 114.6 171.8

98 59.5 50.8 76.2





#13

Acrolein

Concen: 74.404 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

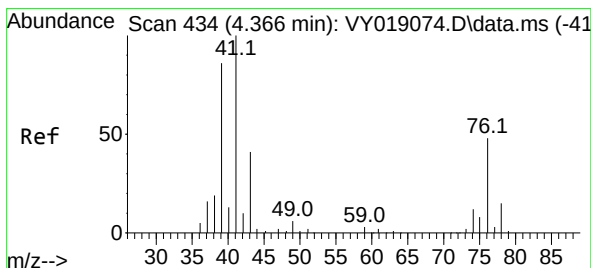
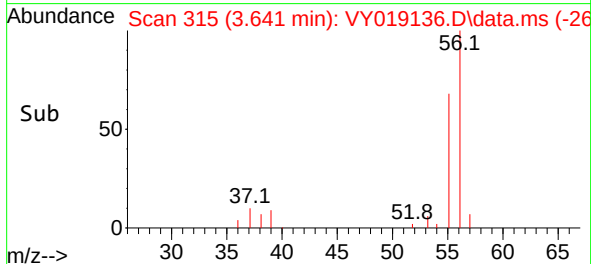
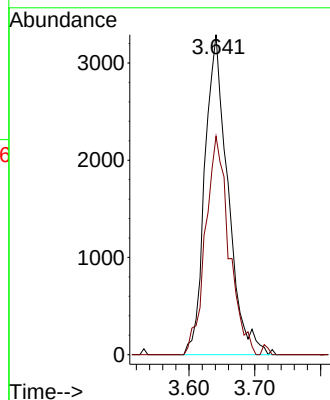
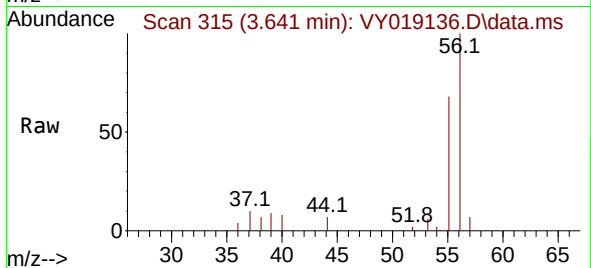
ClientSampleId :

Tgt Ion: 56 Resp: 8027

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 18.614 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

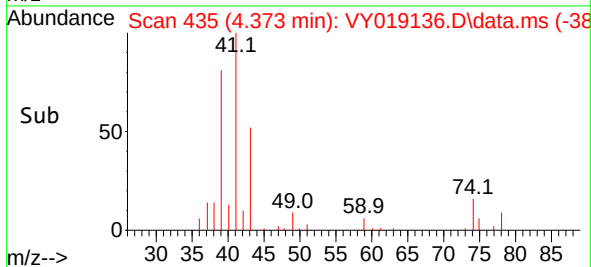
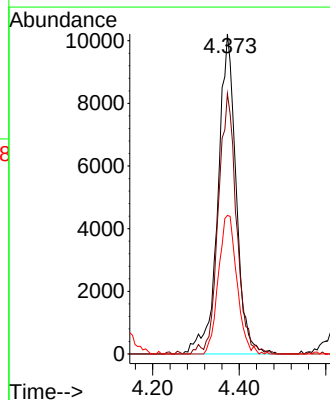
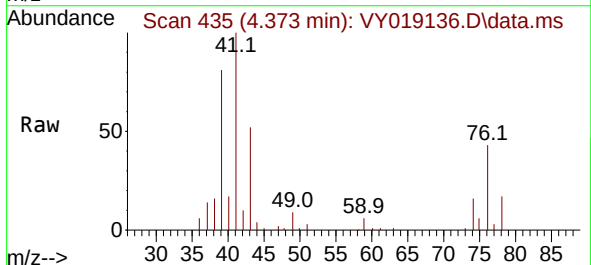
Tgt Ion: 41 Resp: 29826

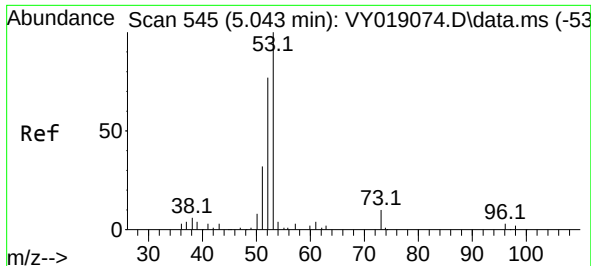
Ion Ratio Lower Upper

41 100

39 81.5 58.3 87.5

76 44.0 39.0 58.6

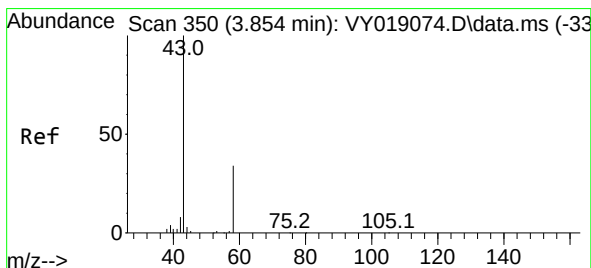
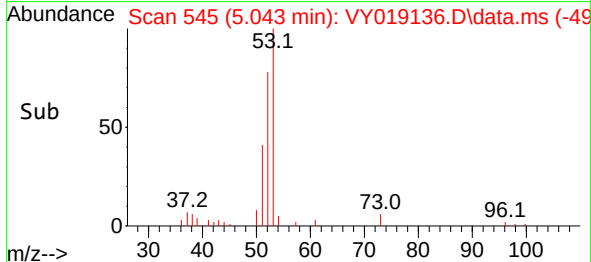
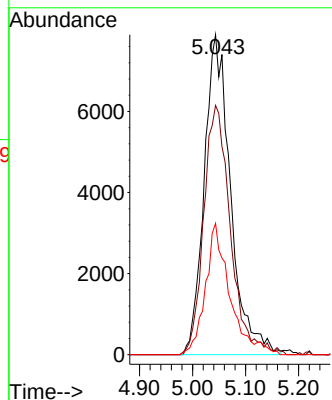
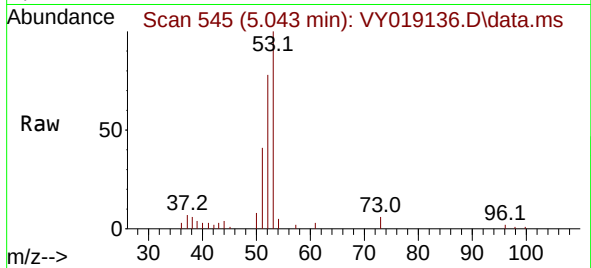




#15
Acrylonitrile
Concen: 103.382 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

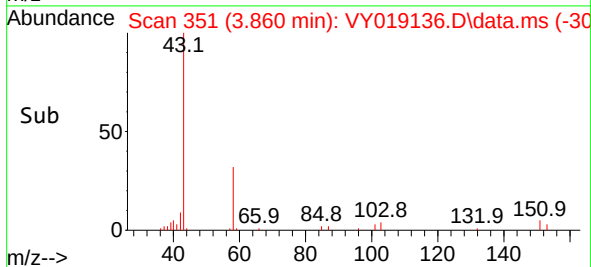
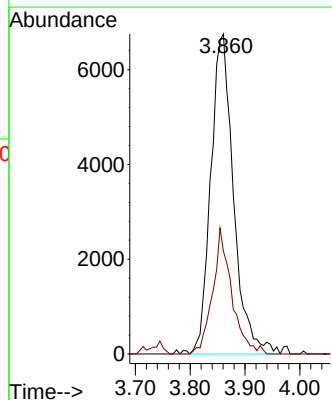
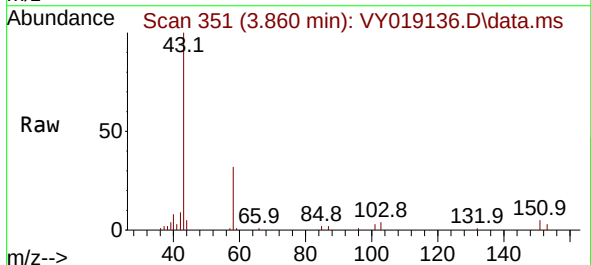
Instrument :
MSVOA_Y
ClientSampleId :

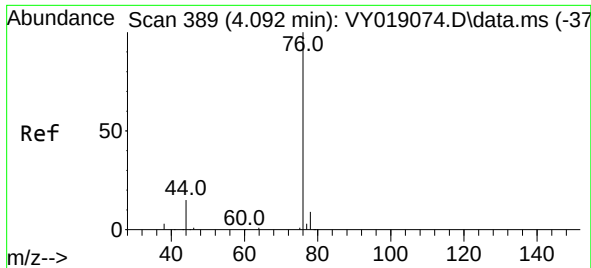
Tgt Ion:	53	Resp:	27245
Ion	Ratio	Lower	Upper
53	100		
52	78.6	64.7	97.1
51	36.4	28.4	42.6



#16
Acetone
Concen: 86.795 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion:	43	Resp:	19495
Ion	Ratio	Lower	Upper
43	100		
58	32.1	31.7	47.5

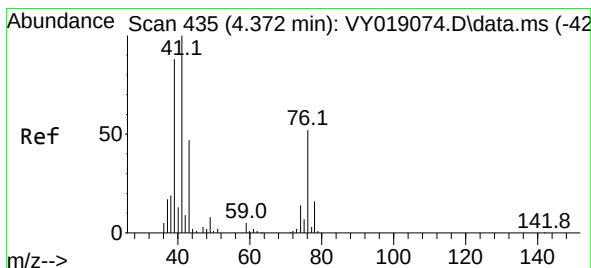
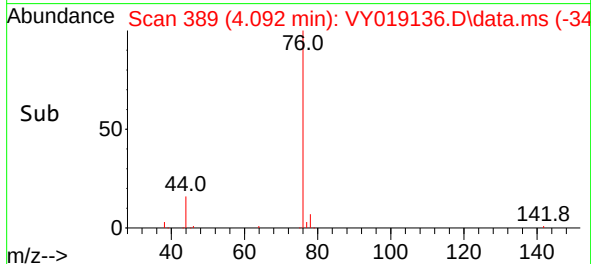
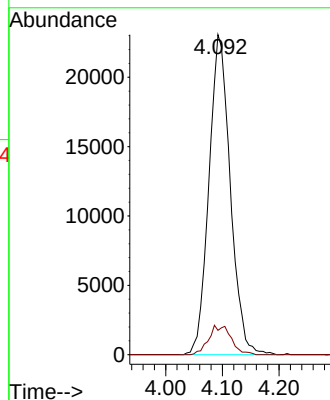
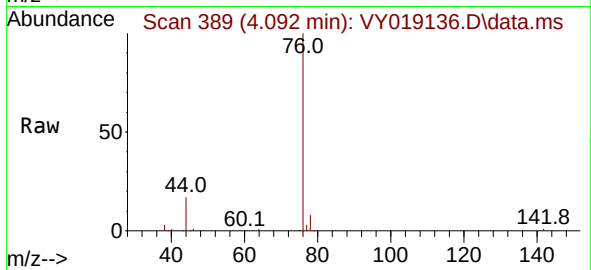




#17
Carbon Disulfide
Concen: 17.761 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

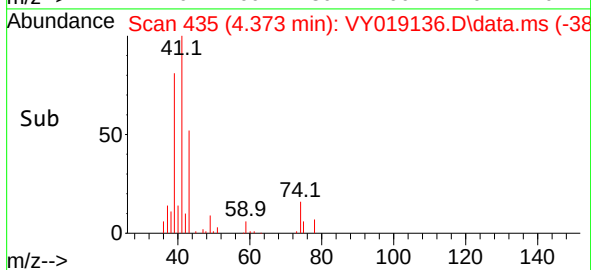
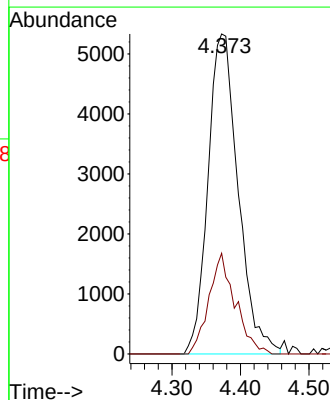
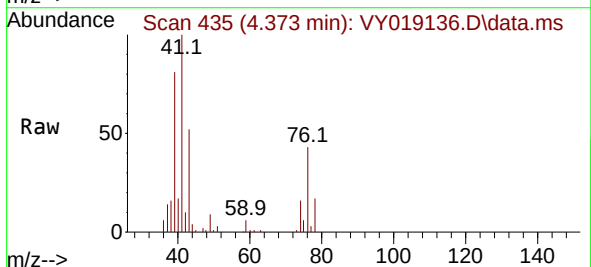
Instrument :
MSVOA_Y
ClientSampleId :

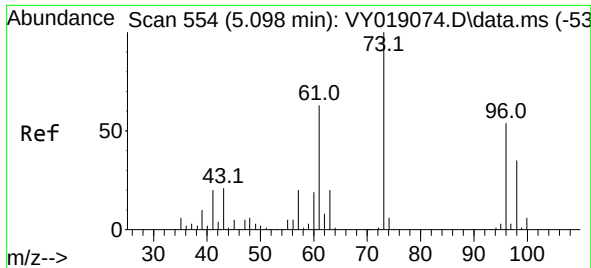
Tgt Ion: 76 Resp: 60377
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 23.667 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 43 Resp: 16315
Ion Ratio Lower Upper
43 100
74 27.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.238 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

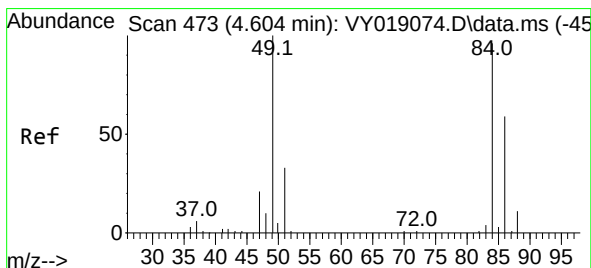
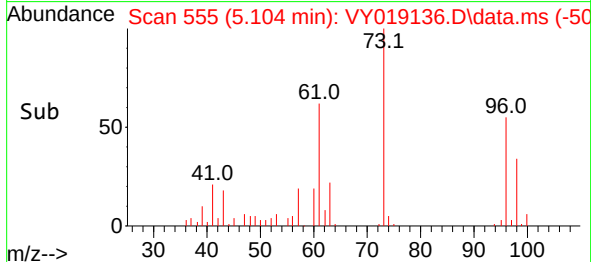
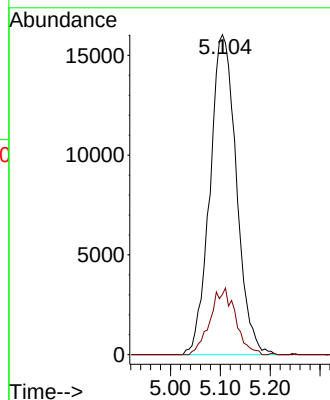
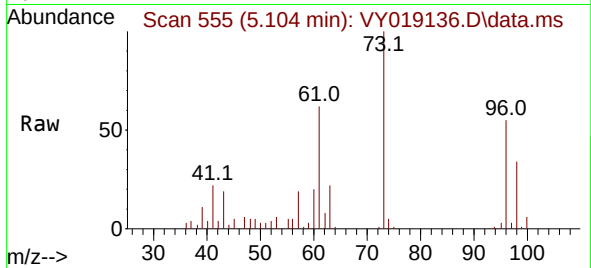
ClientSampleId :

Tgt Ion: 73 Resp: 59134

Ion Ratio Lower Upper

73 100

57 18.9 17.3 25.9



#20

Methylene Chloride

Concen: 21.874 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Tgt Ion: 84 Resp: 38537

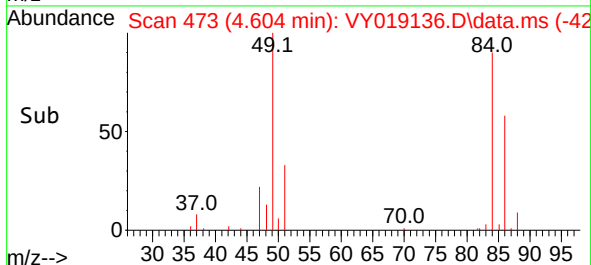
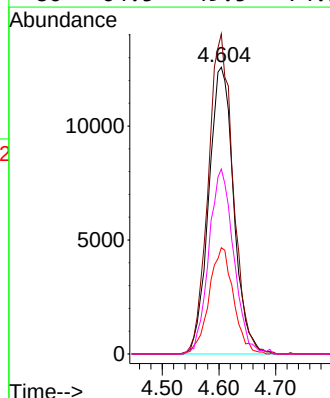
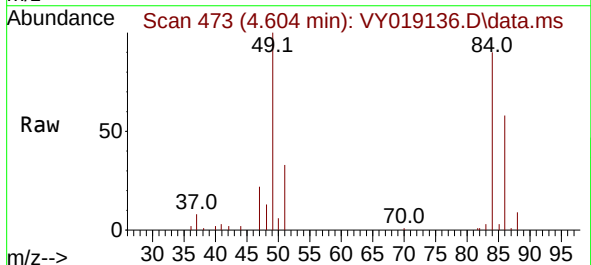
Ion Ratio Lower Upper

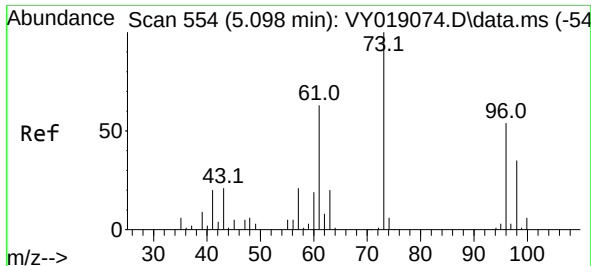
84 100

49 111.6 84.4 126.6

51 37.0 26.0 39.0

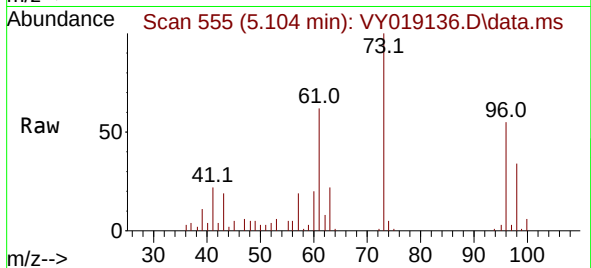
86 64.5 49.5 74.3





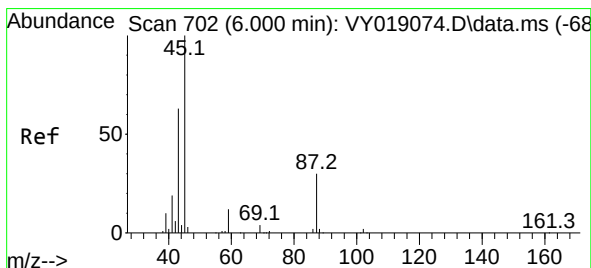
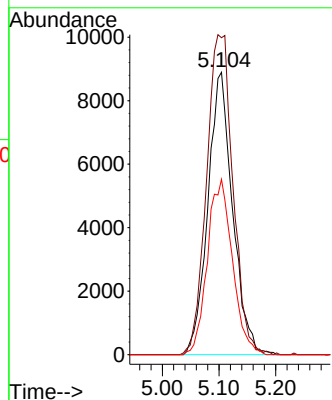
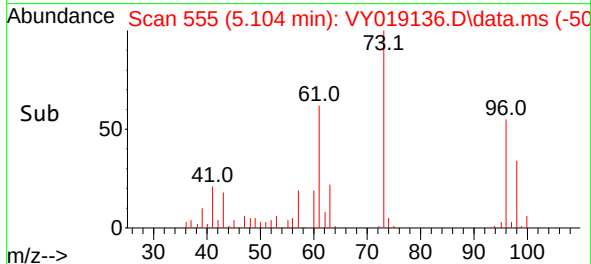
#21
trans-1,2-Dichloroethene
Concen: 20.058 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Instrument :
MSVOA_Y
ClientSampleId :

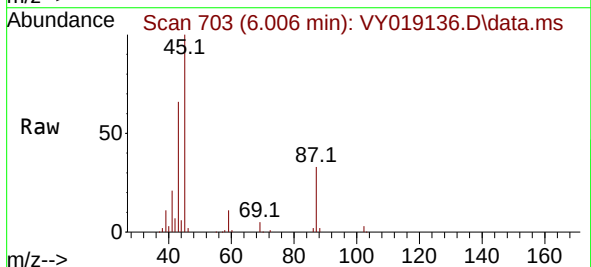


Tgt Ion: 96 Resp: 27008

Ion	Ratio	Lower	Upper
96	100		
61	112.2	97.5	146.3
98	62.1	50.5	75.7

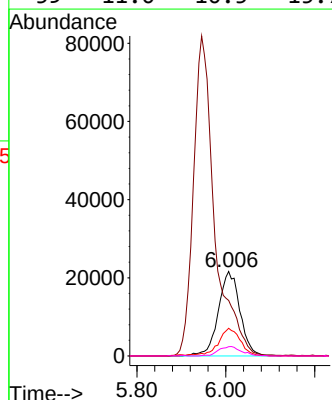
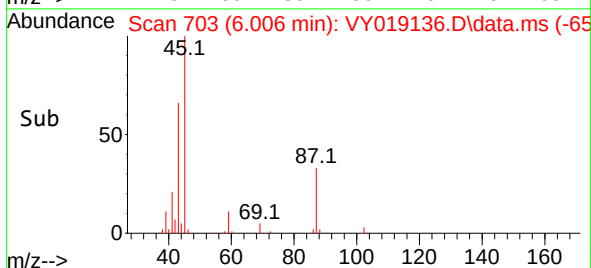


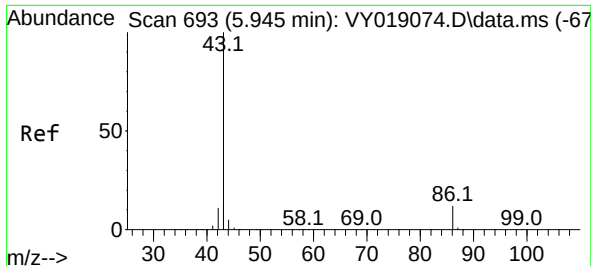
#22
Diisopropyl ether
Concen: 19.884 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39



Tgt Ion: 45 Resp: 72938

Ion	Ratio	Lower	Upper
45	100		
43	65.0	42.2	63.2#
87	32.8	25.0	37.6
59	11.0	10.5	15.7

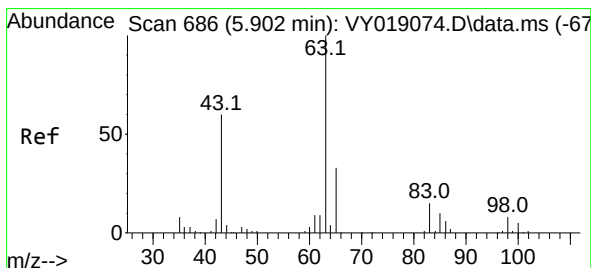
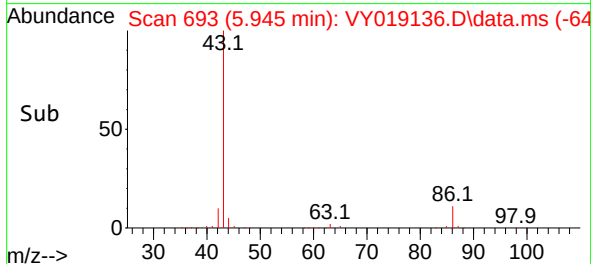
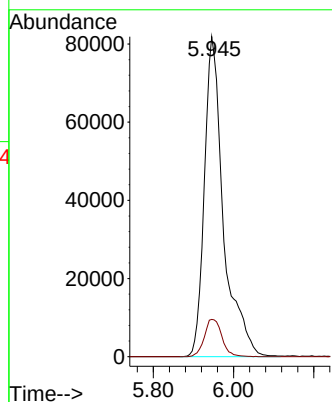
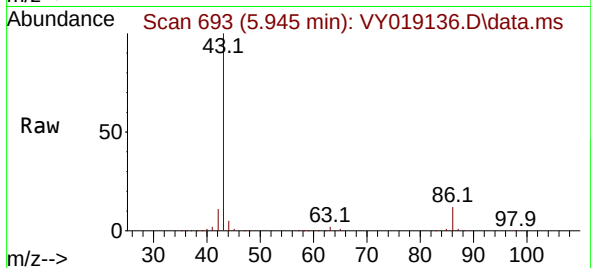




#23
 Vinyl Acetate
 Concen: 93.262 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

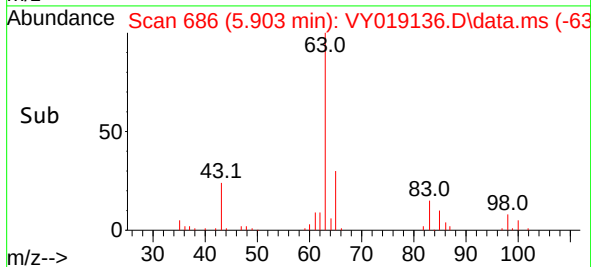
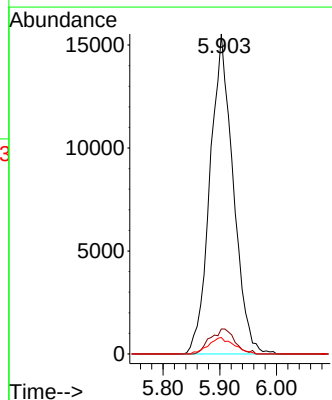
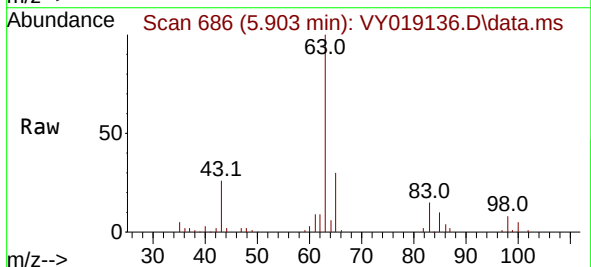
Instrument :
 MSVOA_Y
 ClientSampleId :

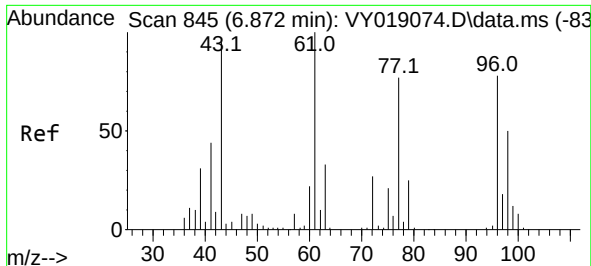
Tgt Ion: 43 Resp: 270849
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.675 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

Tgt Ion: 63 Resp: 44137
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.1 2.6 8.0

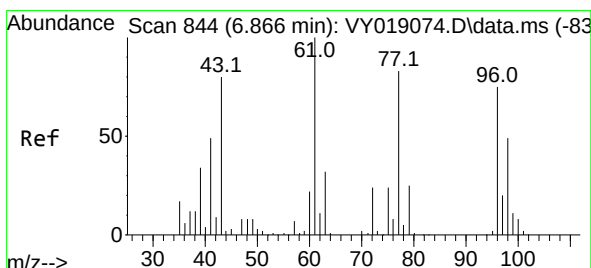
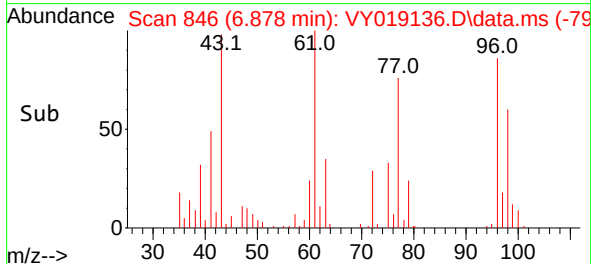
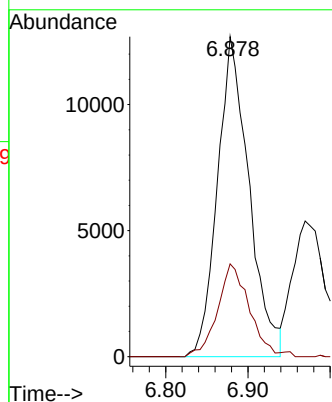
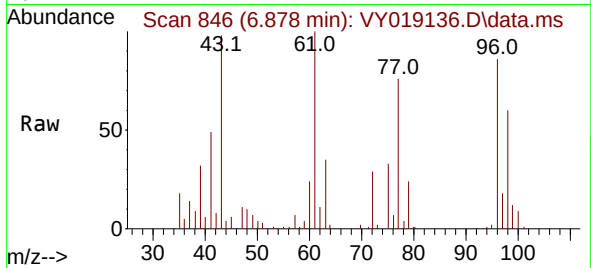




#25
2-Butanone
Concen: 93.518 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

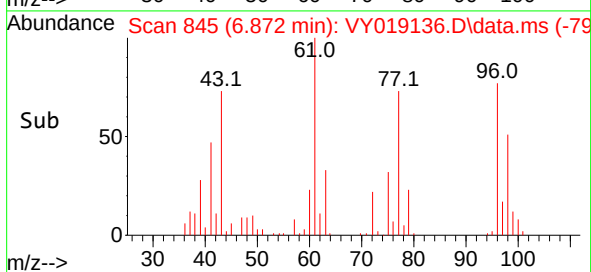
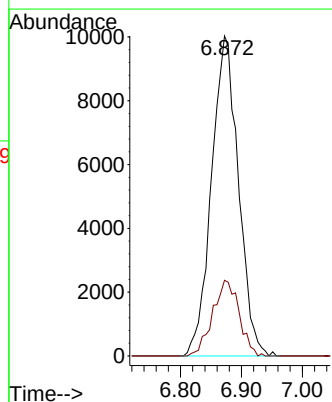
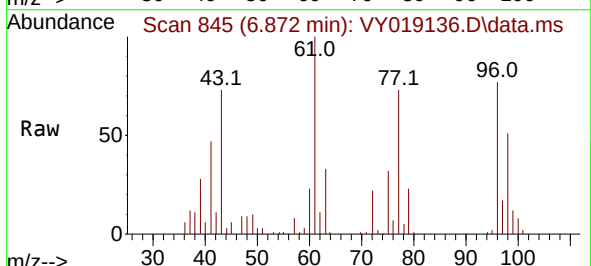
Instrument :
MSVOA_Y
ClientSampleId :

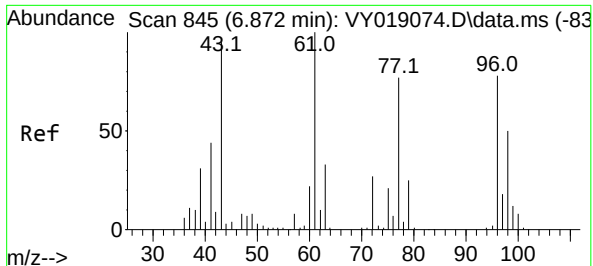
Tgt Ion: 43 Resp: 33828
Ion Ratio Lower Upper
43 100
72 29.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 16.952 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 77 Resp: 30794
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.298 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

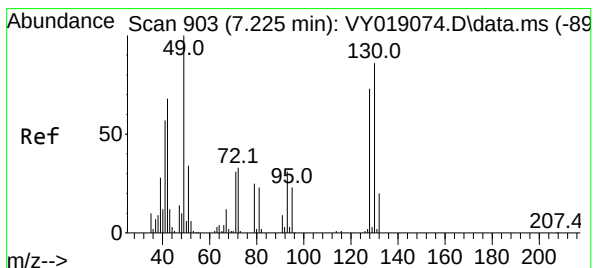
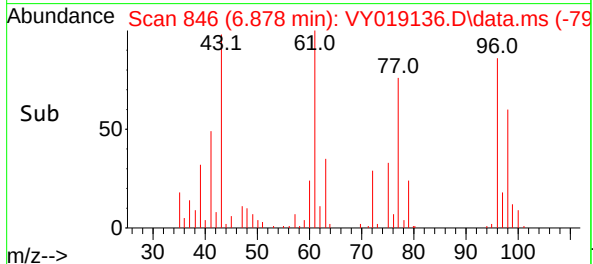
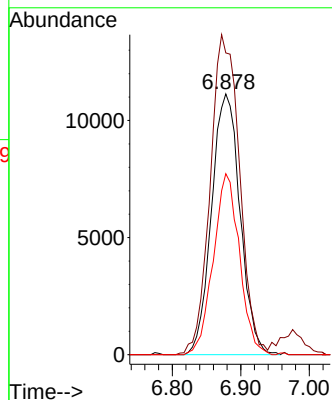
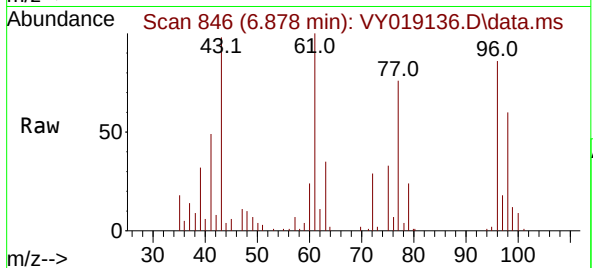
Tgt Ion: 96 Resp: 32163

Ion Ratio Lower Upper

96 100

61 126.0 0.0 256.2

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 20.545 ug/l

RT: 7.226 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

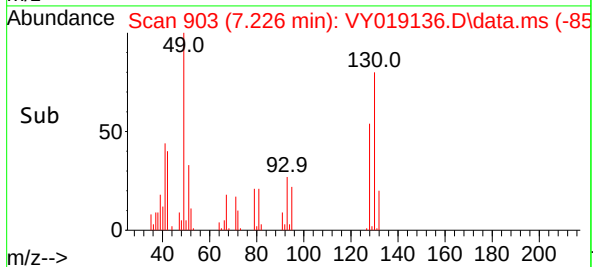
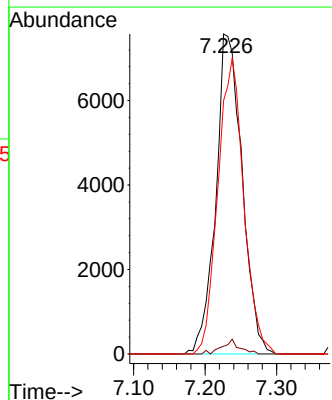
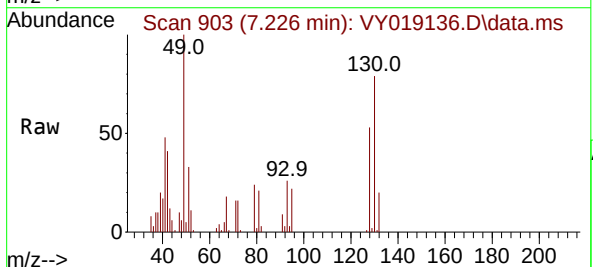
Tgt Ion: 49 Resp: 19333

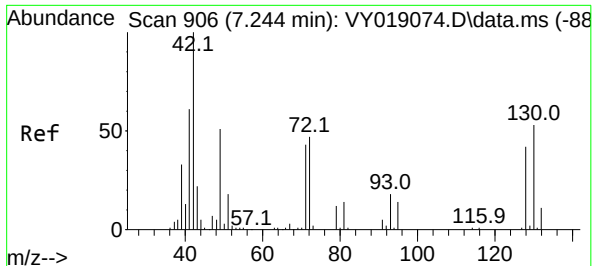
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 90.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 98.762 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

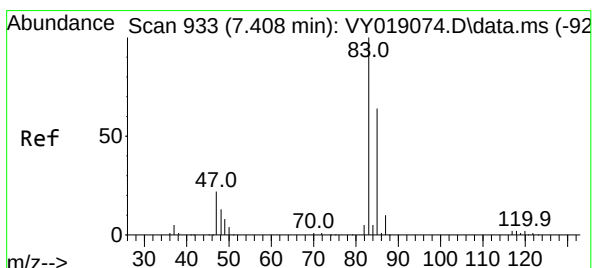
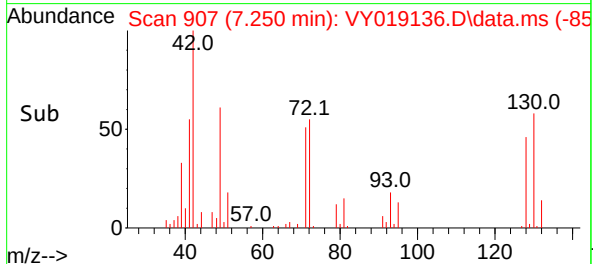
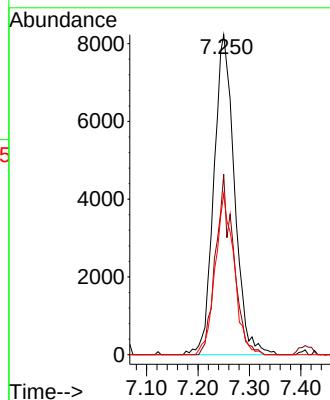
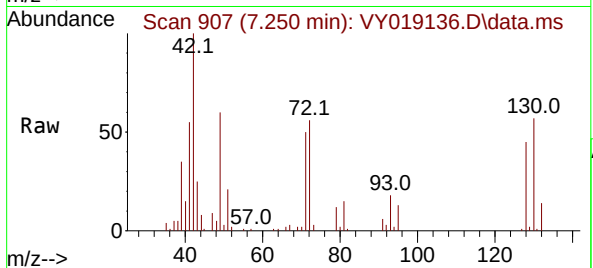
Tgt Ion: 42 Resp: 22965

Ion Ratio Lower Upper

42 100

72 48.8 43.0 64.4

71 46.1 40.8 61.2



#30

Chloroform

Concen: 20.328 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019136.D

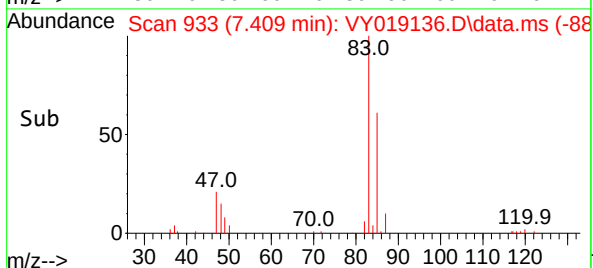
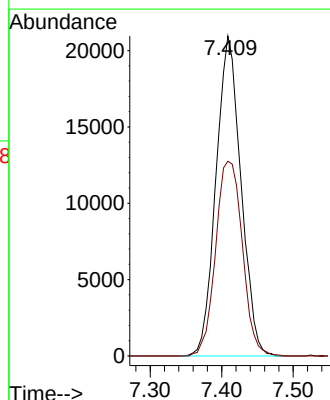
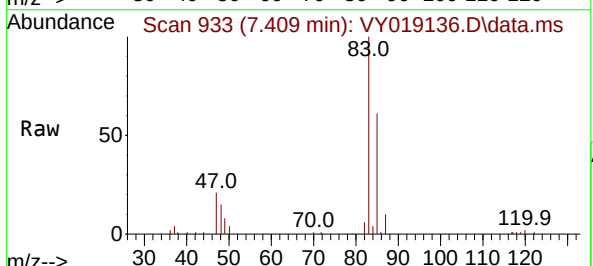
Acq: 20 Aug 2024 00:39

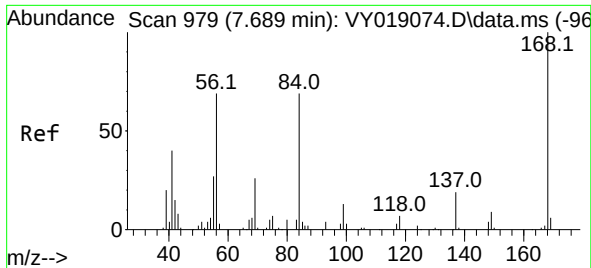
Tgt Ion: 83 Resp: 50814

Ion Ratio Lower Upper

83 100

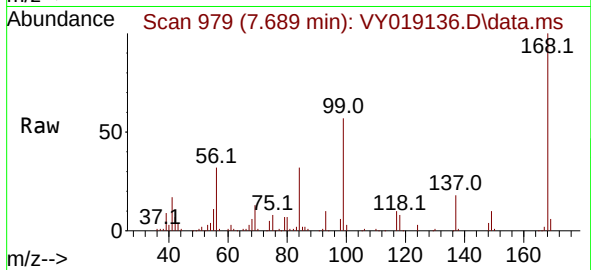
85 60.9 52.2 78.4



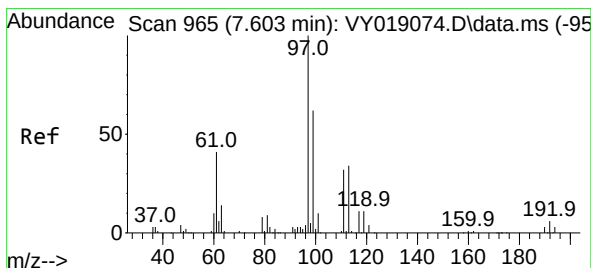
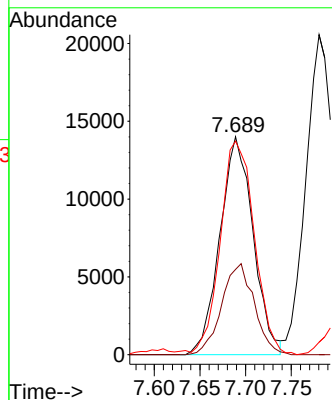
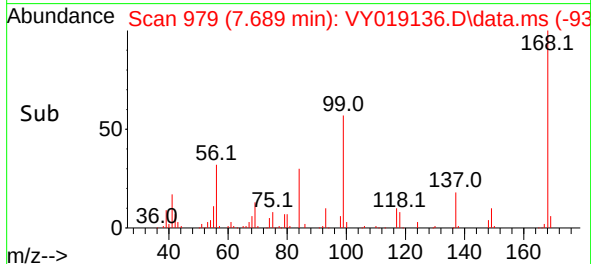


#31
Cyclohexane
Concen: 17.652 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Instrument :
MSVOA_Y
ClientSampleId :

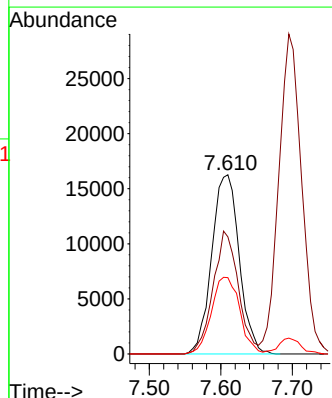
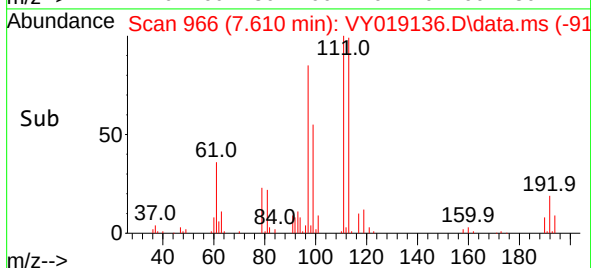
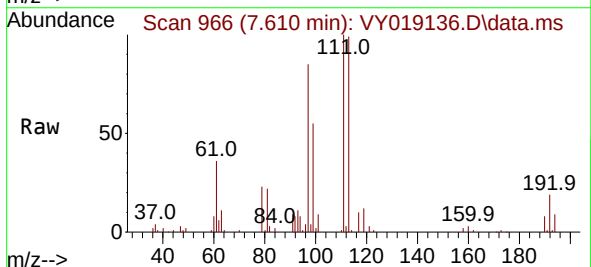


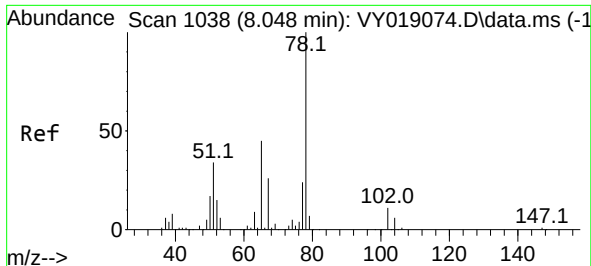
Tgt Ion: 56 Resp: 35378
Ion Ratio Lower Upper
56 100
69 39.1 28.7 43.1
84 96.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.749 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 97 Resp: 43383
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 44.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.309 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

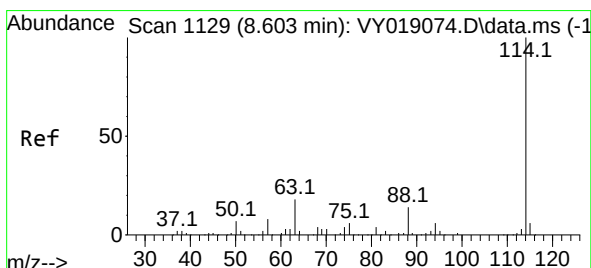
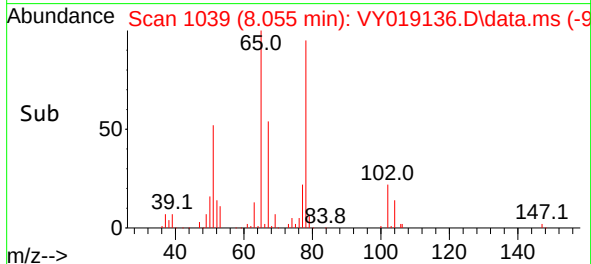
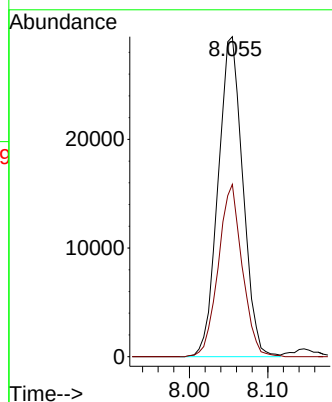
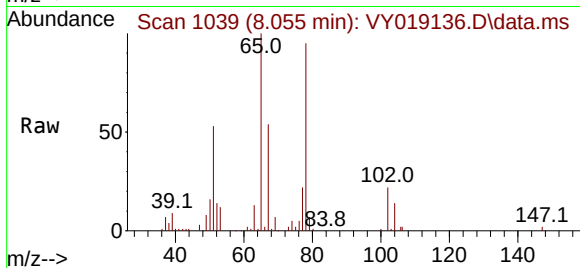
ClientSampleId :

Tgt Ion: 65 Resp: 64565

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

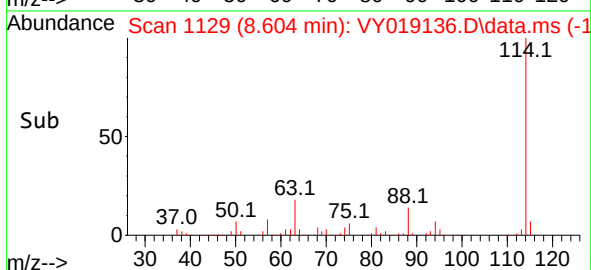
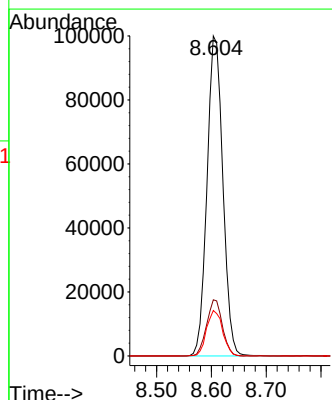
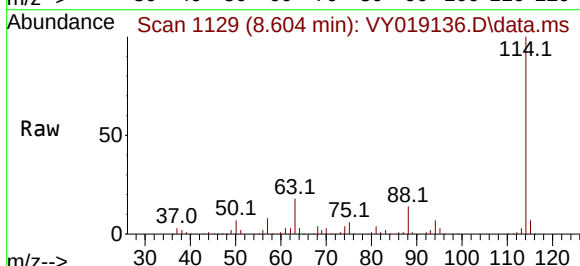
Tgt Ion:114 Resp: 199883

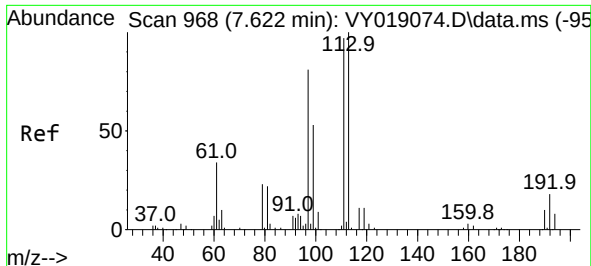
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

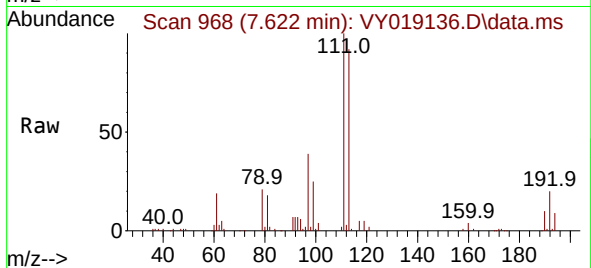
88 14.2 0.0 27.2



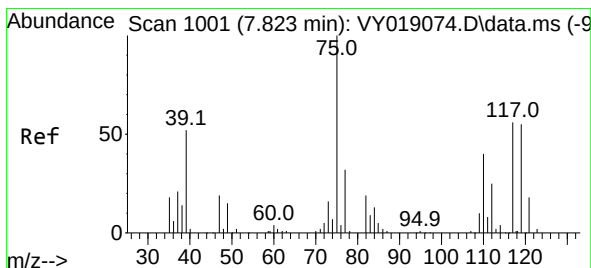
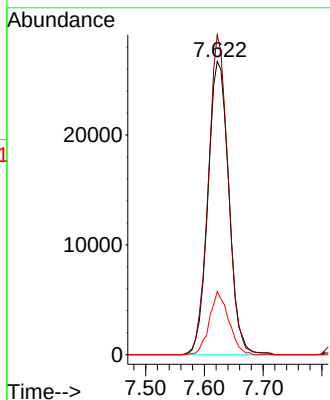
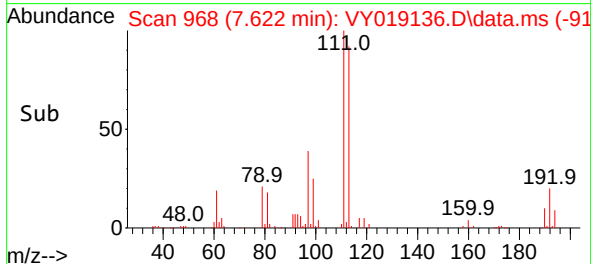


#35
Dibromofluoromethane
Concen: 50.427 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Instrument :
MSVOA_Y
ClientSampleId :

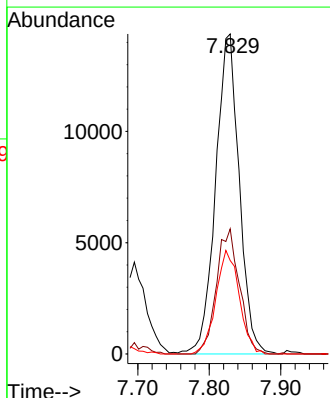
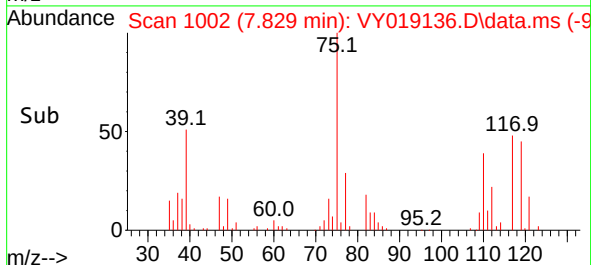
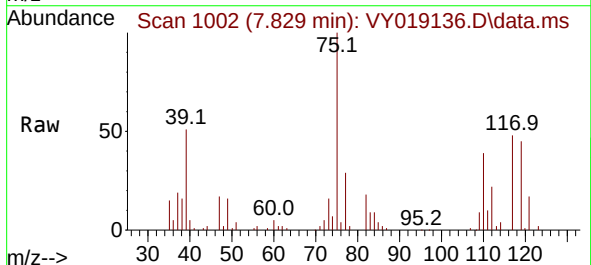


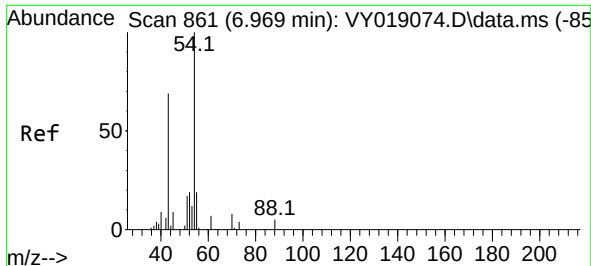
Tgt Ion:113 Resp: 65906
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.389 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

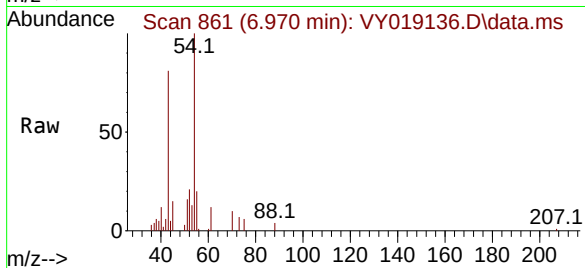
Tgt Ion: 75 Resp: 33003
Ion Ratio Lower Upper
75 100
110 38.0 19.0 57.0
77 32.0 25.3 37.9



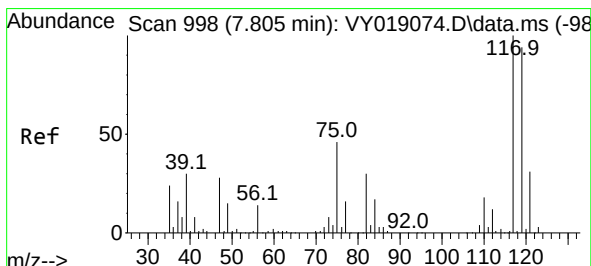
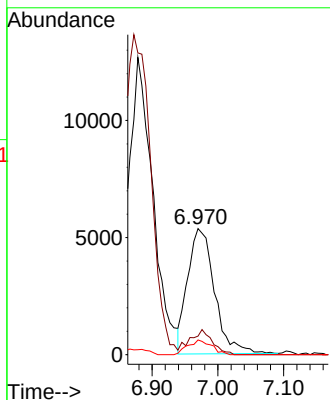
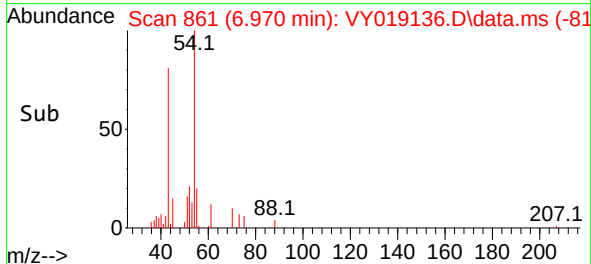


#37
Ethyl Acetate
Concen: 19.046 ug/l
RT: 6.970 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Instrument :
MSVOA_Y
ClientSampleId :

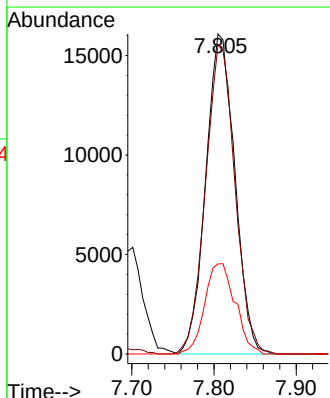
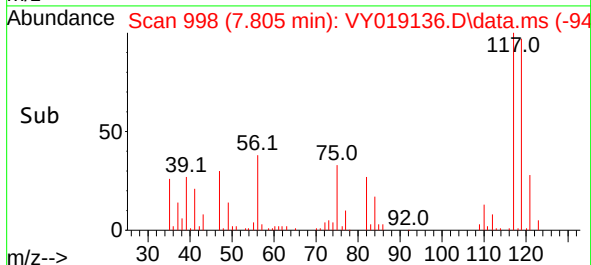
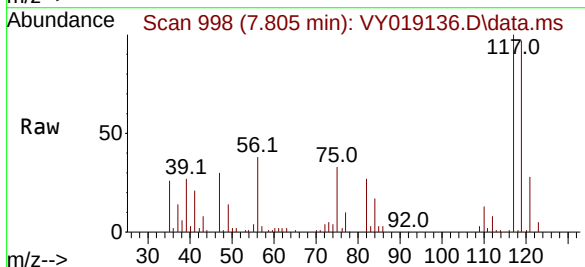


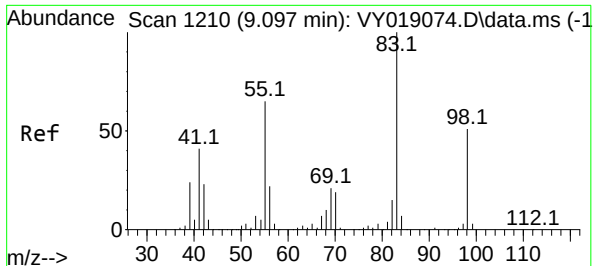
Tgt Ion: 43 Resp: 15144
Ion Ratio Lower Upper
43 100
61 16.8 12.6 19.0
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.018 ug/l
RT: 7.805 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 117 Resp: 39555
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 28.1 24.0 36.0





#39

Methylcyclohexane

Concen: 17.388 ug/l

RT: 9.097 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

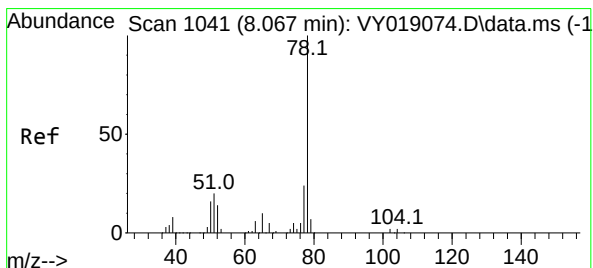
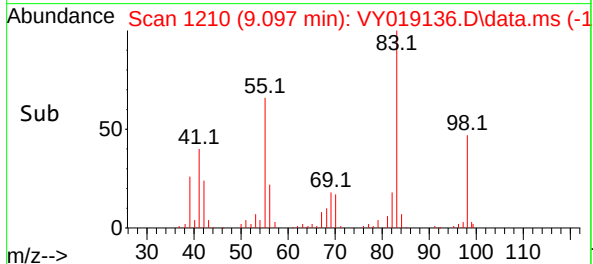
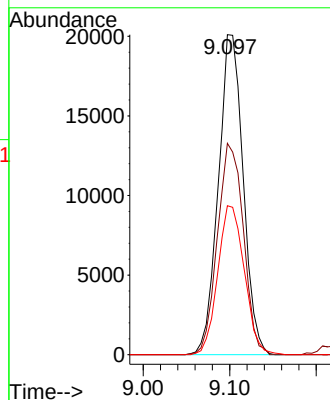
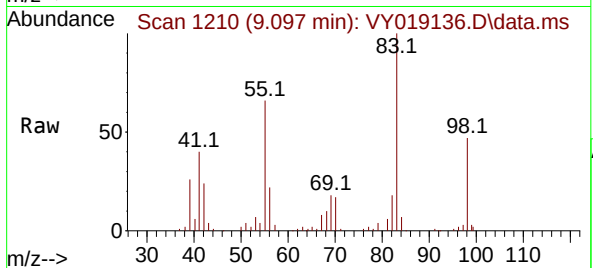
Tgt Ion: 83 Resp: 40045

Ion Ratio Lower Upper

83 100

55 66.0 51.5 77.3

98 46.5 40.5 60.7



#40

Benzene

Concen: 19.225 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY019136.D

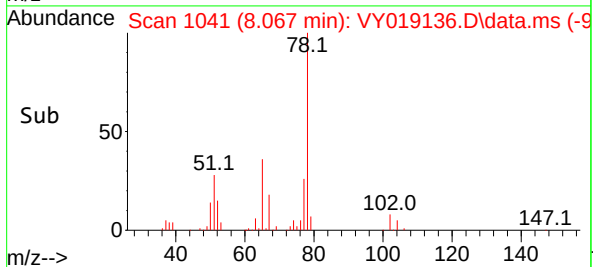
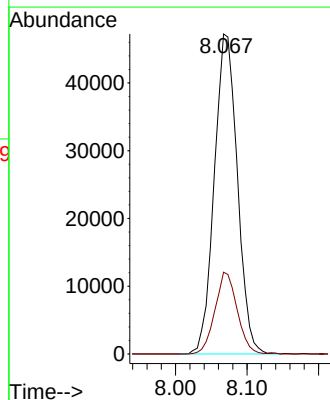
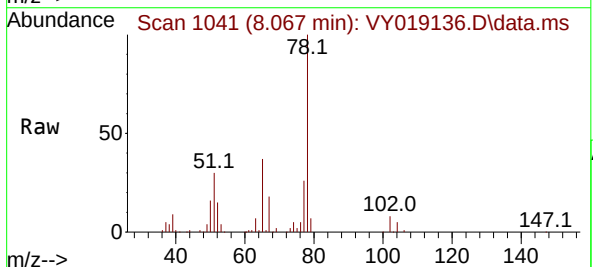
Acq: 20 Aug 2024 00:39

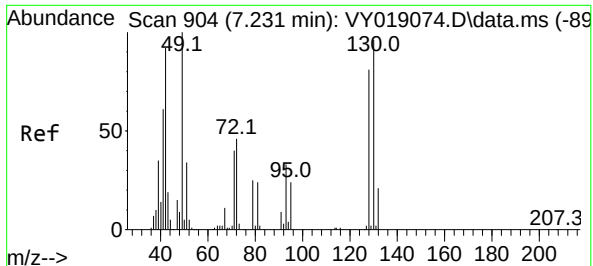
Tgt Ion: 78 Resp: 105820

Ion Ratio Lower Upper

78 100

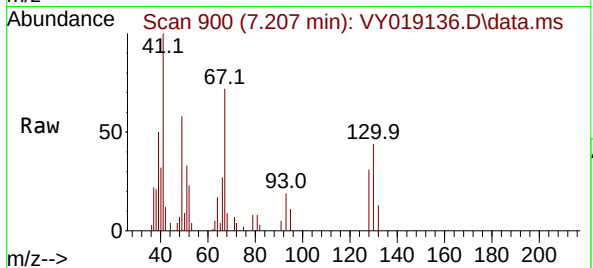
77 25.5 19.5 29.3



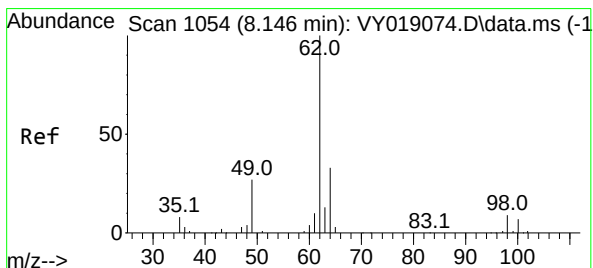
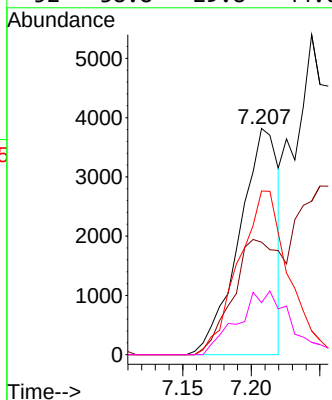
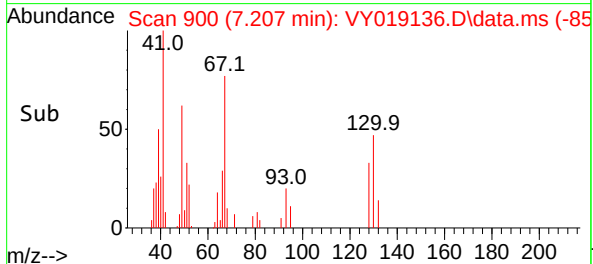


#41
Methacrylonitrile
Concen: 17.429 ug/l
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Instrument :
MSVOA_Y
ClientSampleId :

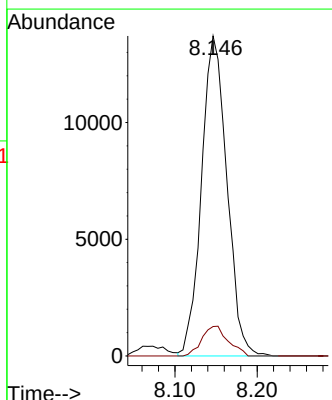
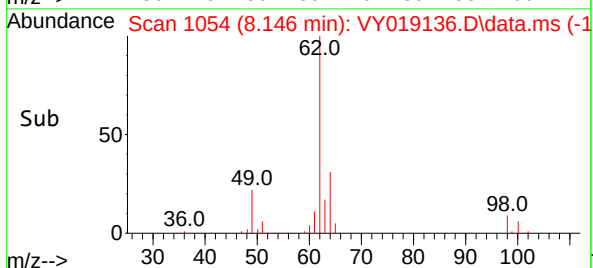
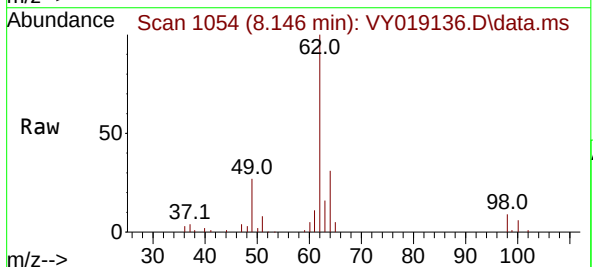


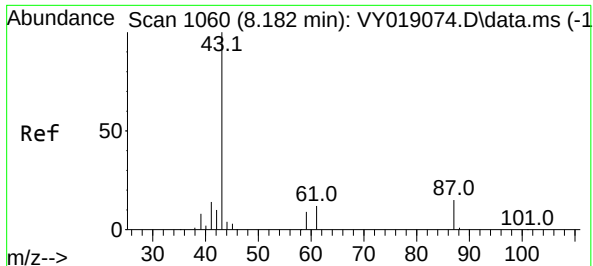
Tgt Ion: 41	Resp: 7564
Ion Ratio	Lower Upper
41 100	
39 65.3	48.0 72.0
67 93.3	75.1 112.7
52 38.8	29.8 44.6



#42
1,2-Dichloroethane
Concen: 19.830 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 62	Resp: 29475
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 22.0





#43

Isopropyl Acetate

Concen: 18.568 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.013 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

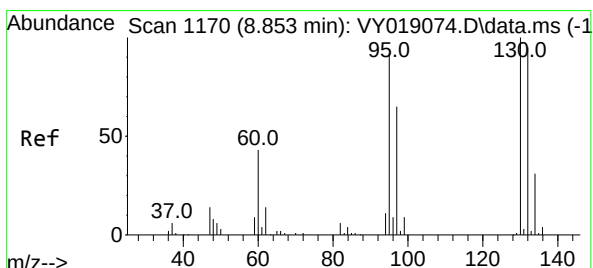
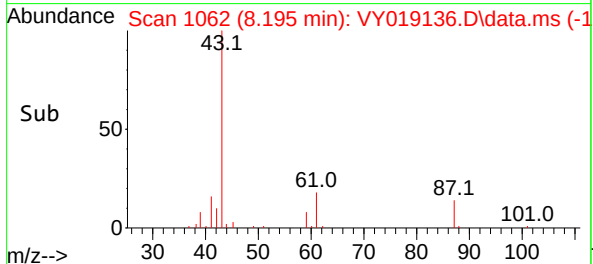
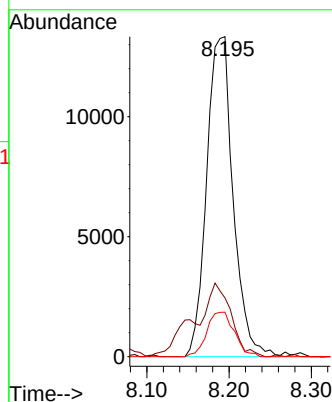
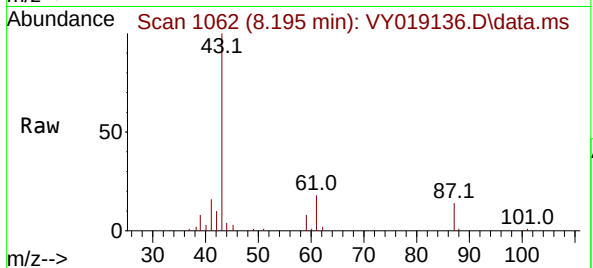
Tgt Ion: 43 Resp: 29858

Ion Ratio Lower Upper

43 100

61 20.9 27.9 41.9#

87 14.5 13.1 19.7



#44

Trichloroethene

Concen: 19.187 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019136.D

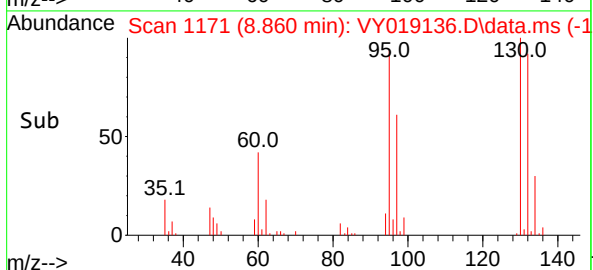
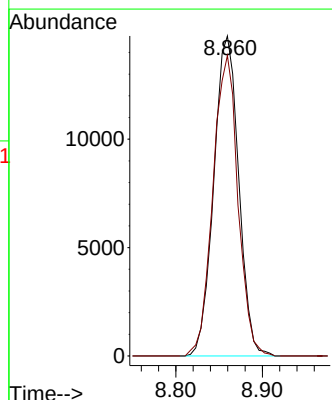
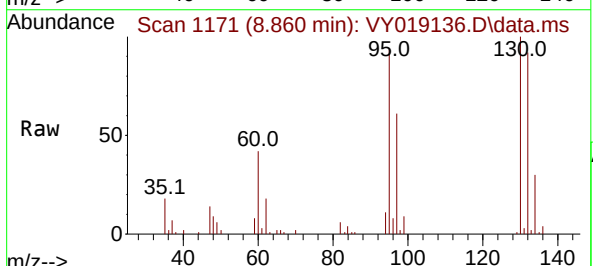
Acq: 20 Aug 2024 00:39

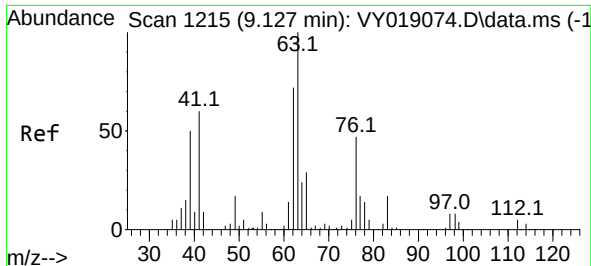
Tgt Ion:130 Resp: 29468

Ion Ratio Lower Upper

130 100

95 93.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.095 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

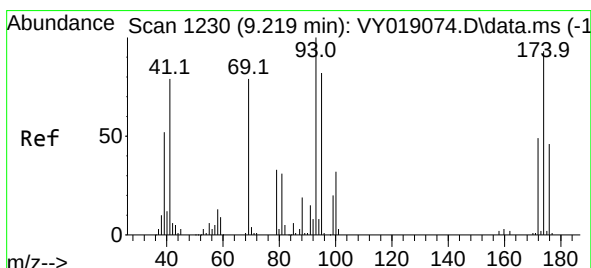
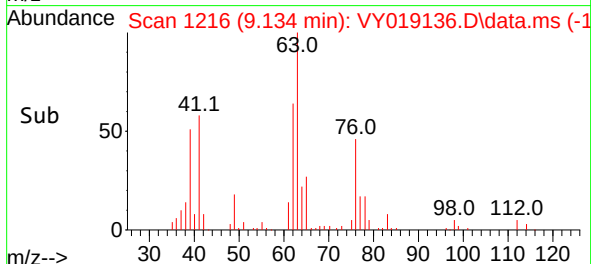
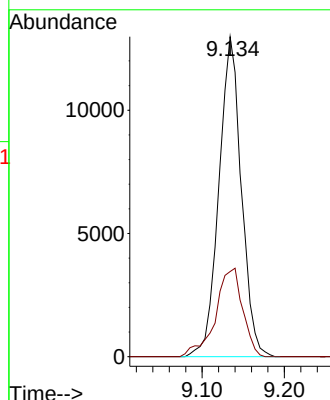
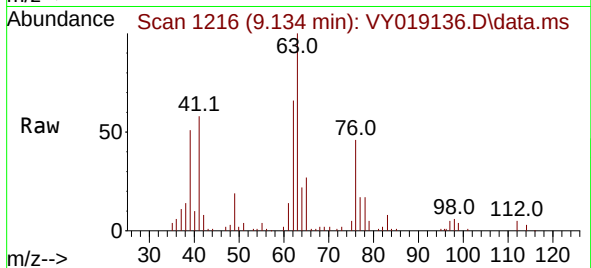
ClientSampleId :

Tgt Ion: 63 Resp: 24644

Ion Ratio Lower Upper

63 100

65 26.6 25.4 38.2



#46

Dibromomethane

Concen: 19.222 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

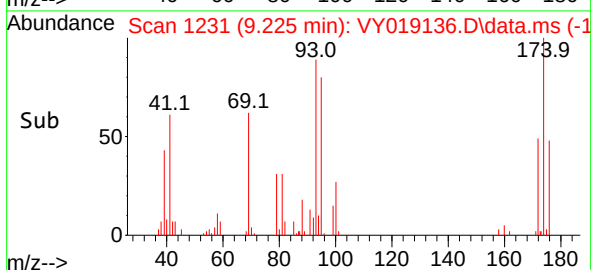
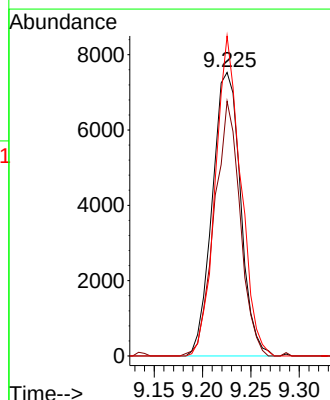
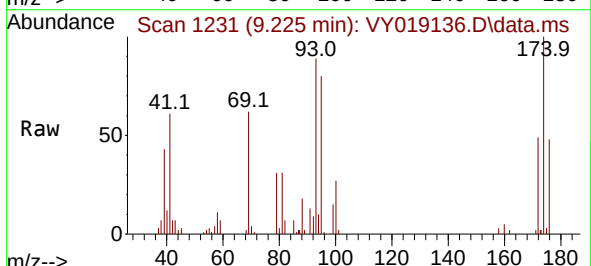
Tgt Ion: 93 Resp: 15289

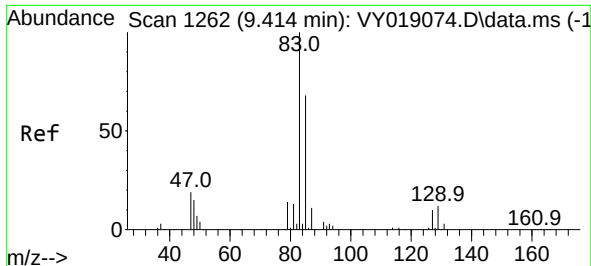
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 101.9 80.9 121.3

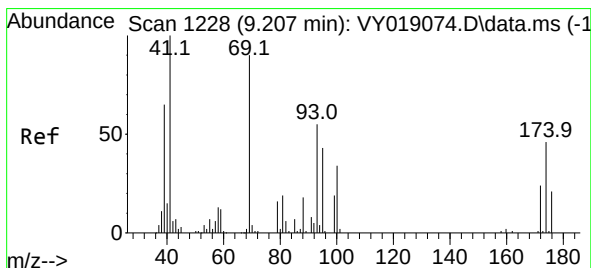
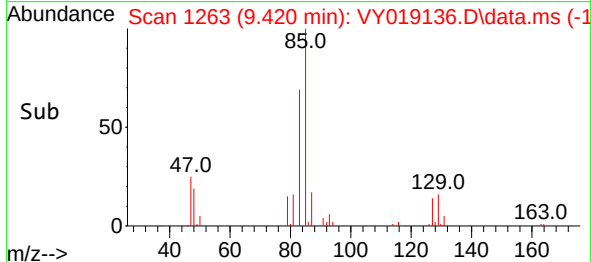
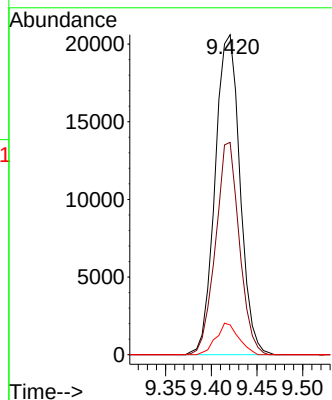
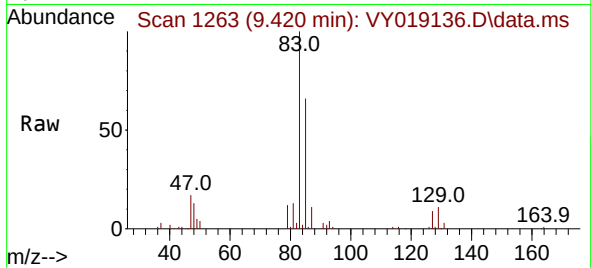




#47
Bromodichloromethane
Concen: 19.986 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

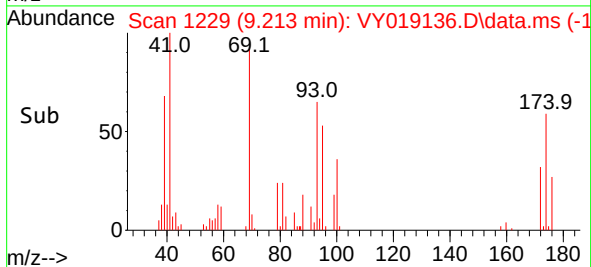
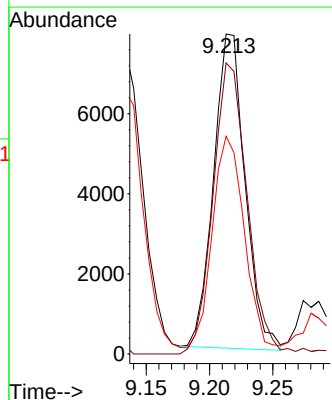
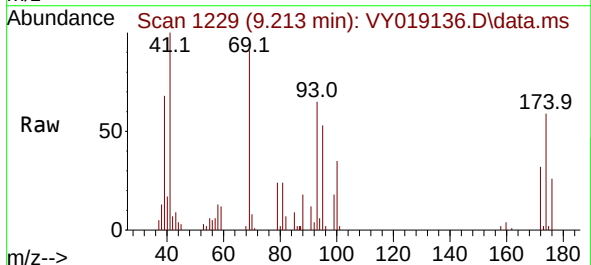
Instrument :
MSVOA_Y
ClientSampleId :

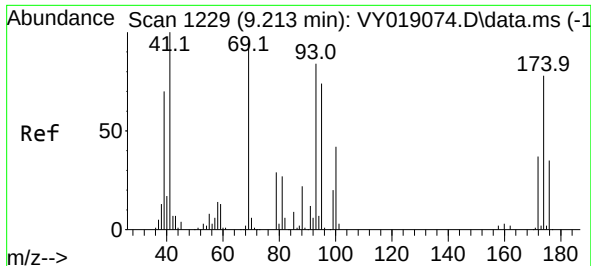
Tgt Ion: 83 Resp: 39001
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 18.956 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 41 Resp: 13585
Ion Ratio Lower Upper
41 100
69 100.0 84.1 126.1
39 72.2 43.6 65.4#





#49

1,4-Dioxane

Concen: 382.658 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

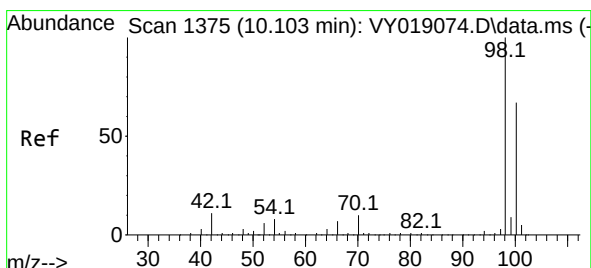
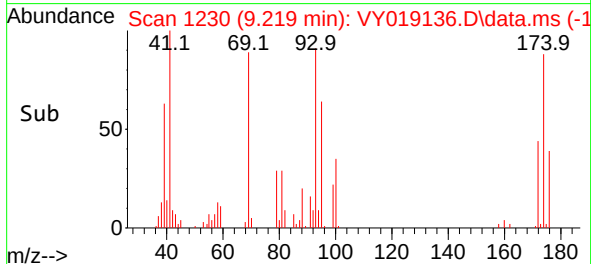
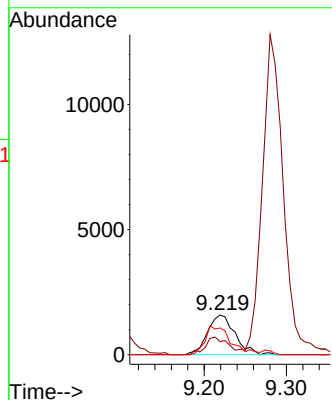
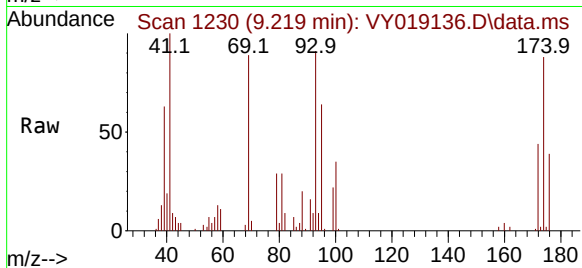
Tgt Ion: 88 Resp: 3687

Ion Ratio Lower Upper

88 100

43 35.3 0.0 0.0#

58 66.9 49.3 73.9



#50

Toluene-d8

Concen: 50.744 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019136.D

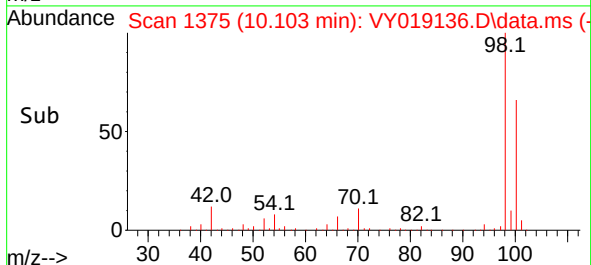
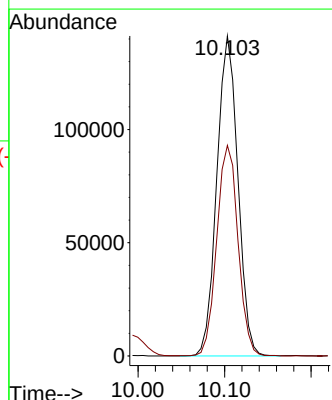
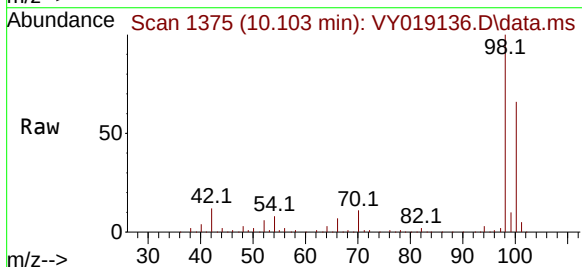
Acq: 20 Aug 2024 00:39

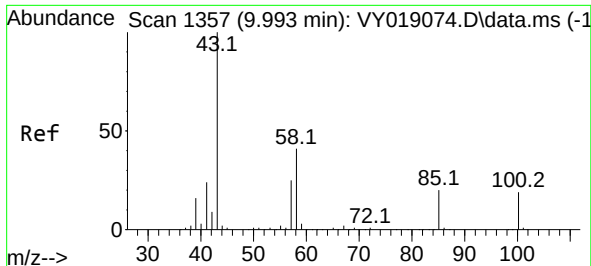
Tgt Ion: 98 Resp: 238664

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 96.450 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

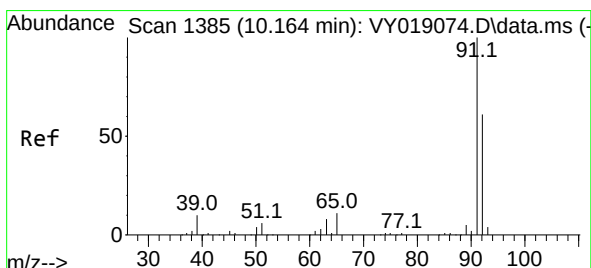
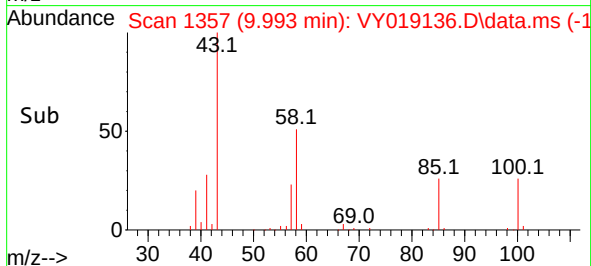
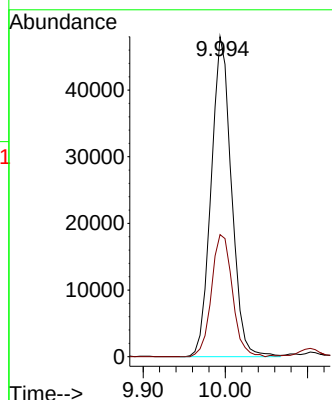
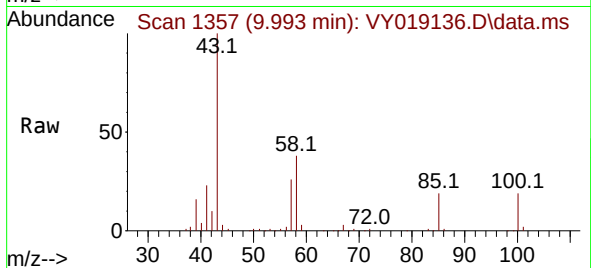
ClientSampleId :

Tgt Ion: 43 Resp: 82320

Ion Ratio Lower Upper

43 100

58 39.3 35.7 53.5



#52

Toluene

Concen: 19.451 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019136.D

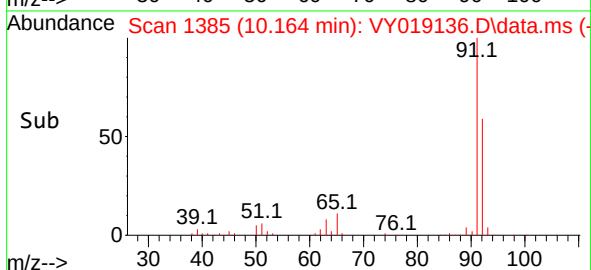
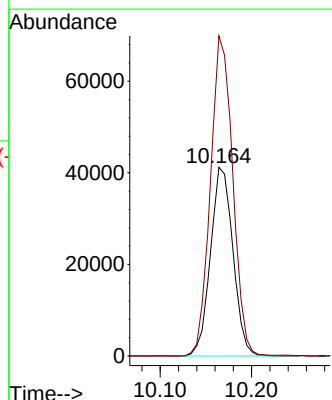
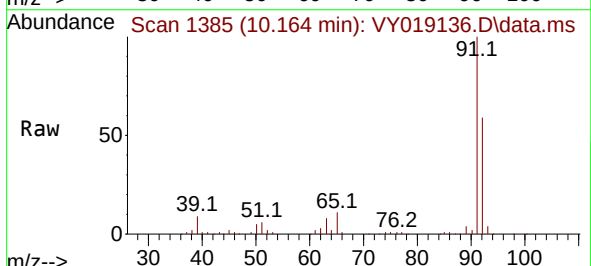
Acq: 20 Aug 2024 00:39

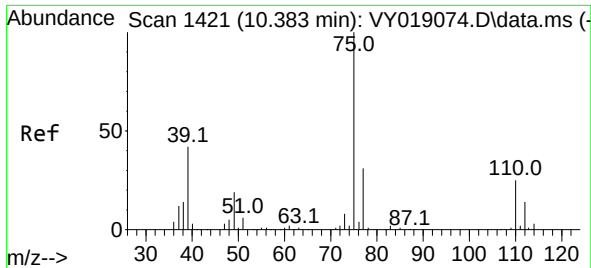
Tgt Ion: 92 Resp: 70278

Ion Ratio Lower Upper

92 100

91 168.6 139.0 208.6

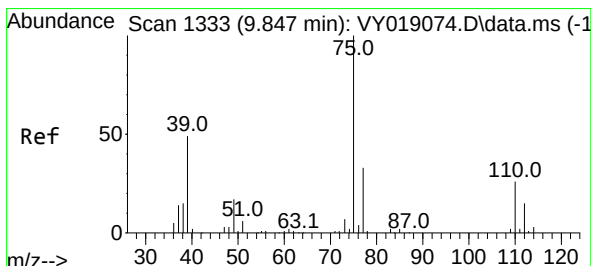
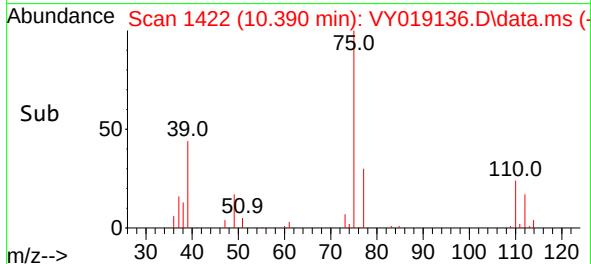
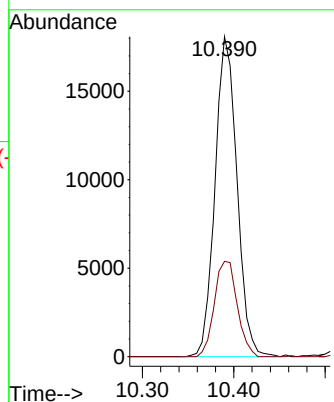
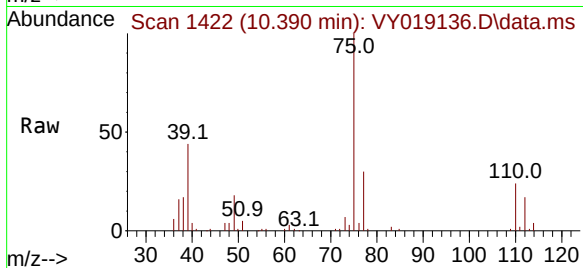




#53
 t-1,3-Dichloropropene
 Concen: 18.641 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

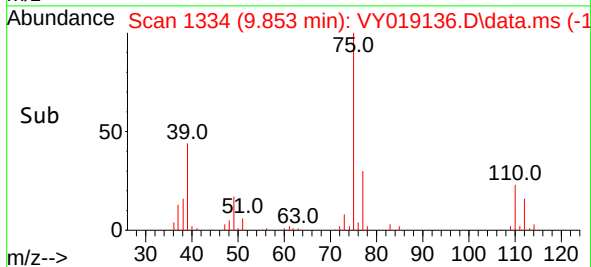
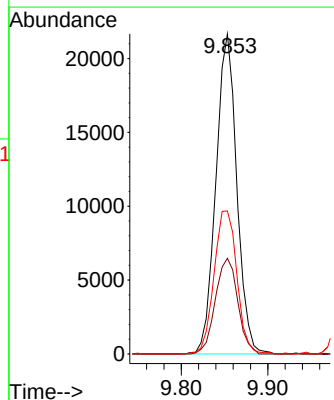
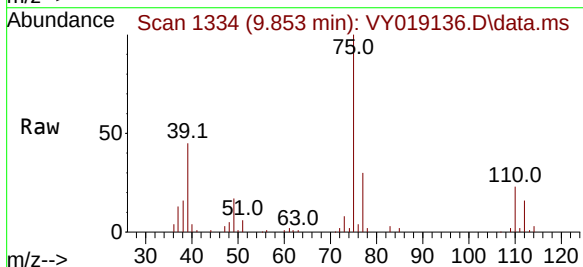
Instrument :
 MSVOA_Y
 ClientSampleId :

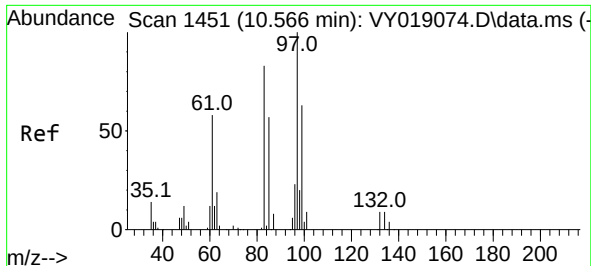
Tgt Ion: 75 Resp: 30176
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.664 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

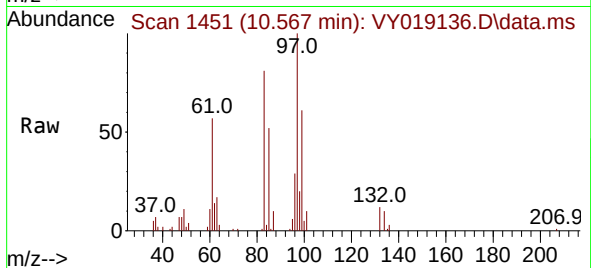
Tgt Ion: 75 Resp: 36336
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0
 39 44.7 29.8 44.6#



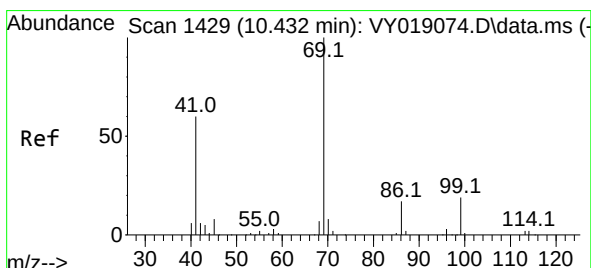
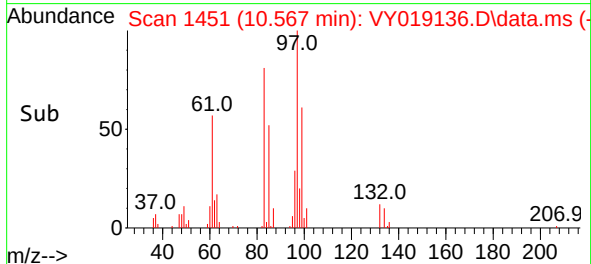
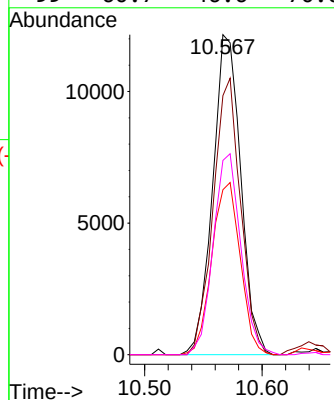


#55
1,1,2-Trichloroethane
Concen: 19.732 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Instrument :
MSVOA_Y
ClientSampleId :

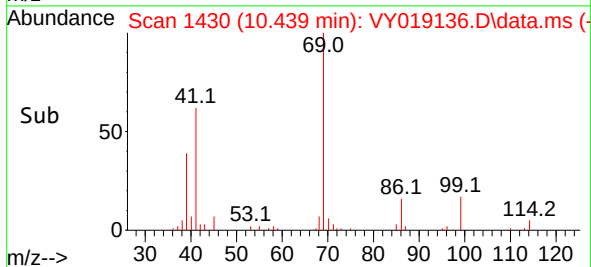
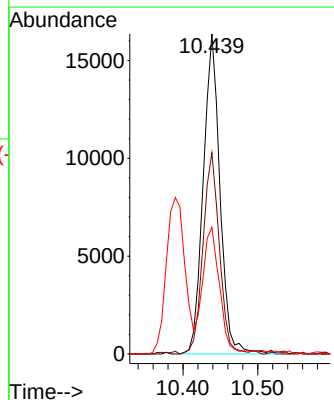
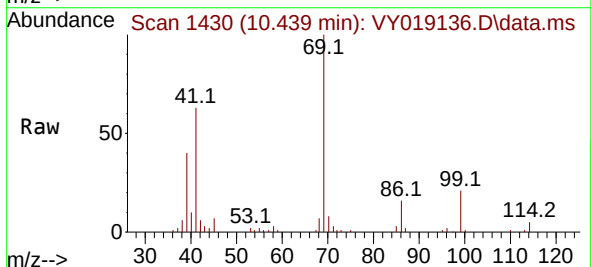


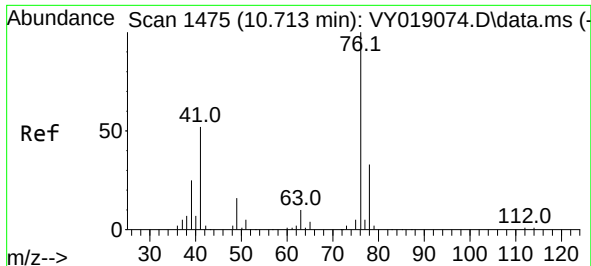
Tgt Ion:	97	Resp:	20205
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.5	101.3
85	51.5	42.9	64.3
99	60.7	46.6	70.0



#56
Ethyl methacrylate
Concen: 19.013 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion:	69	Resp:	25483
Ion	Ratio	Lower	Upper
69	100		
41	61.3	42.3	63.5
39	38.8	22.9	34.3





#57

1,3-Dichloropropane

Concen: 19.833 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

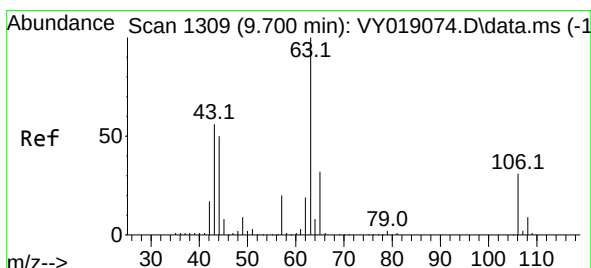
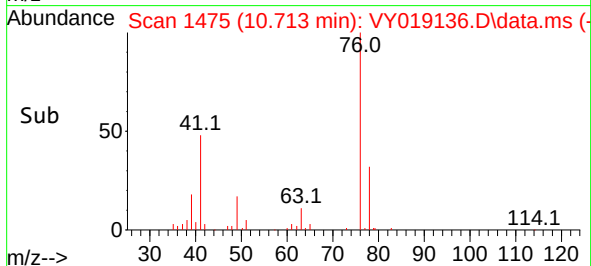
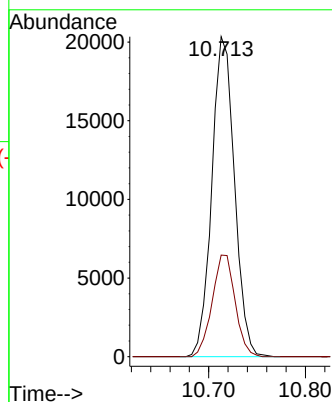
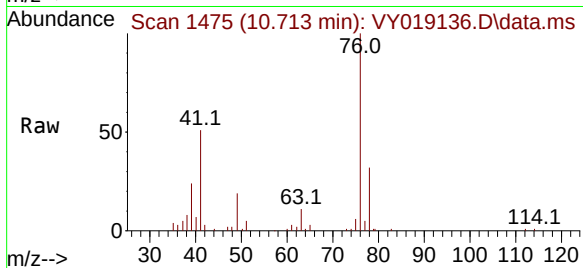
ClientSampleId :

Tgt Ion: 76 Resp: 33105

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.500 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019136.D

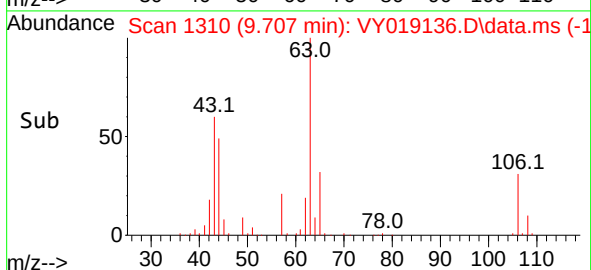
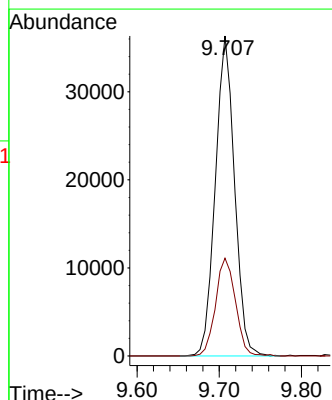
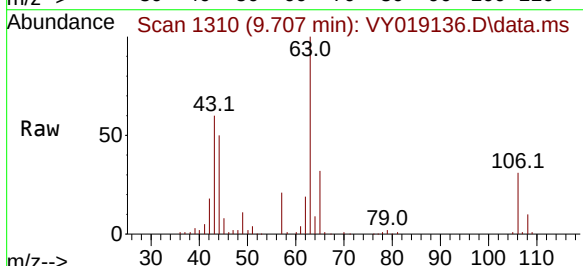
Acq: 20 Aug 2024 00:39

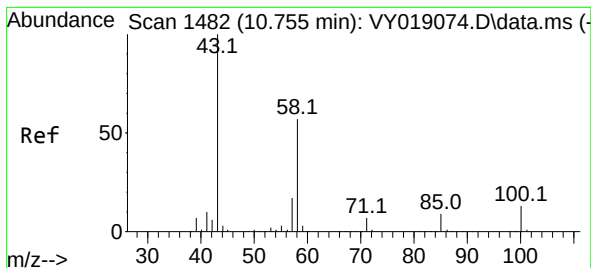
Tgt Ion: 63 Resp: 58813

Ion Ratio Lower Upper

63 100

106 31.7 23.7 35.5





#59

2-Hexanone

Concen: 92.466 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

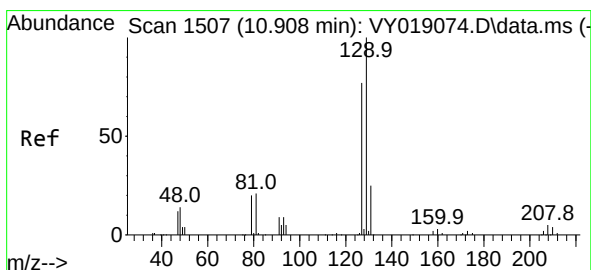
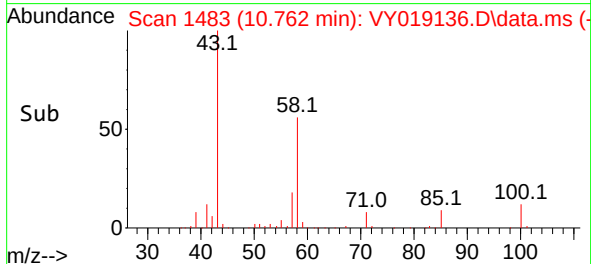
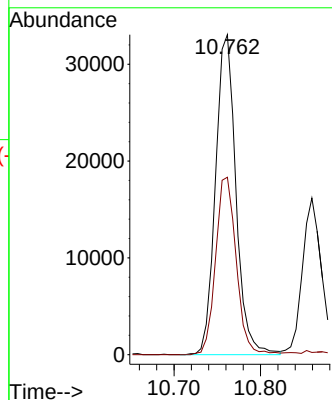
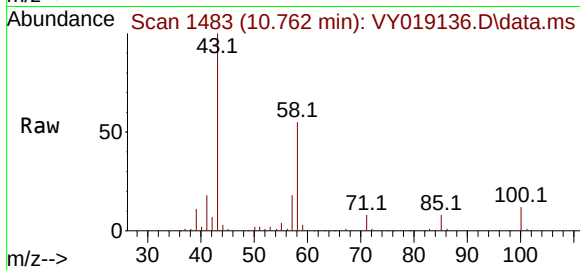
ClientSampleId :

Tgt Ion: 43 Resp: 54219

Ion Ratio Lower Upper

43 100

58 56.0 31.4 94.0



#60

Dibromochloromethane

Concen: 19.138 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019136.D

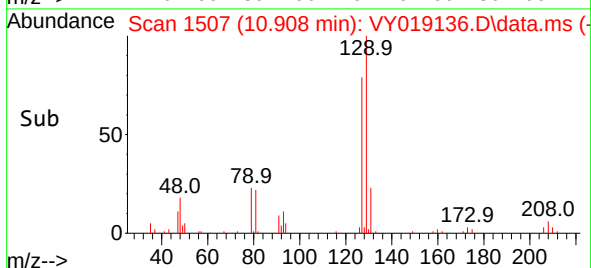
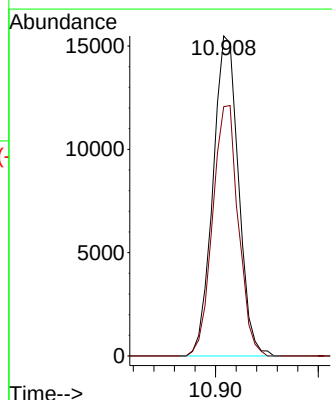
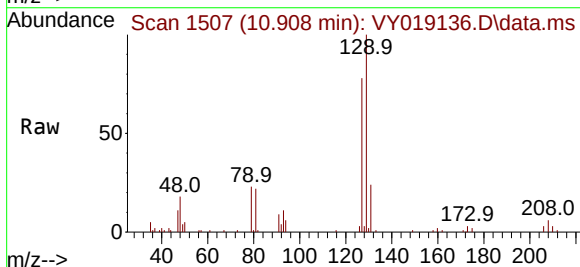
Acq: 20 Aug 2024 00:39

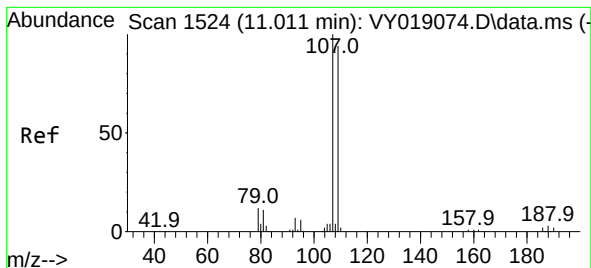
Tgt Ion:129 Resp: 26691

Ion Ratio Lower Upper

129 100

127 78.8 39.0 117.0

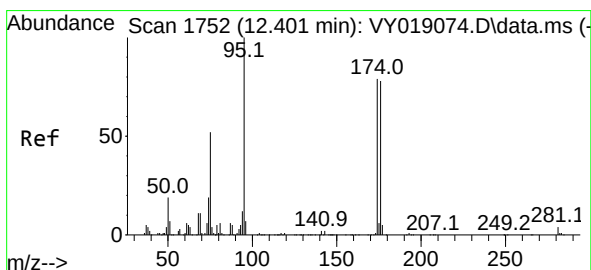
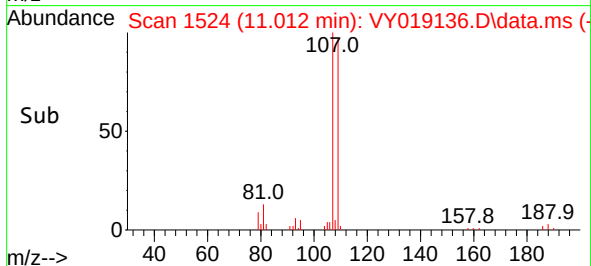
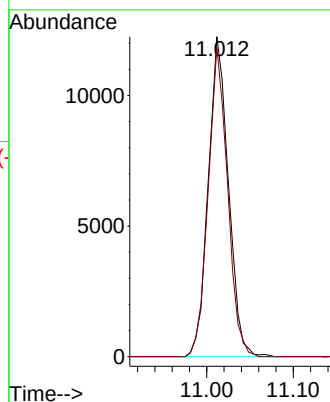
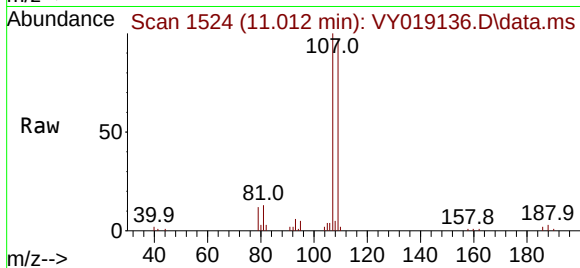




#61
1,2-Dibromoethane
Concen: 20.019 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

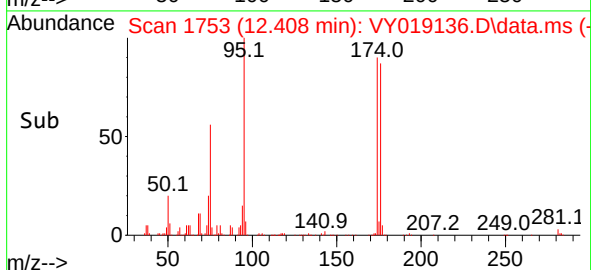
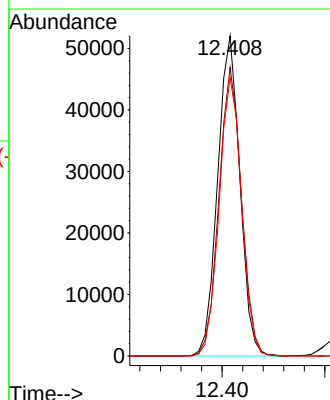
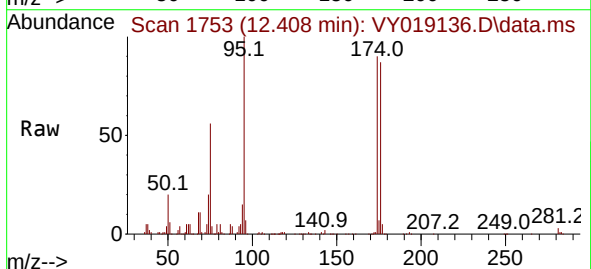
Instrument :
MSVOA_Y
ClientSampleId :

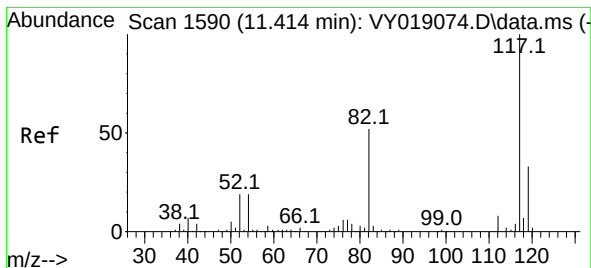
Tgt Ion:107 Resp: 19813
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.573 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 95 Resp: 77879
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 87.8 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: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

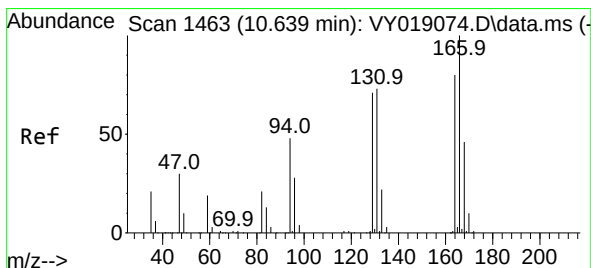
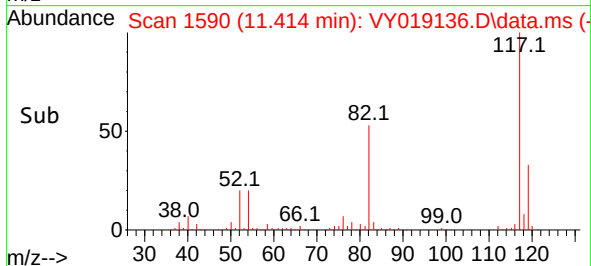
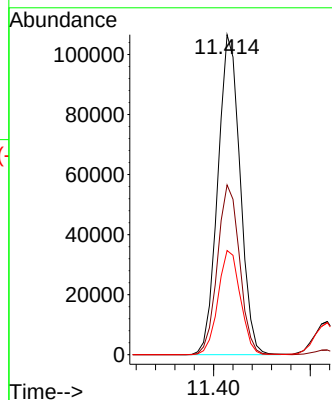
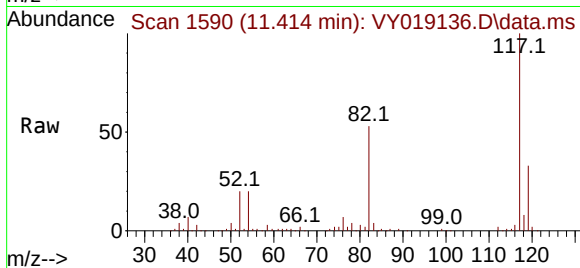
Tgt Ion:117 Resp: 169955

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 32.6 25.9 38.9



#64

Tetrachloroethene

Concen: 21.315 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Tgt Ion:164 Resp: 31664

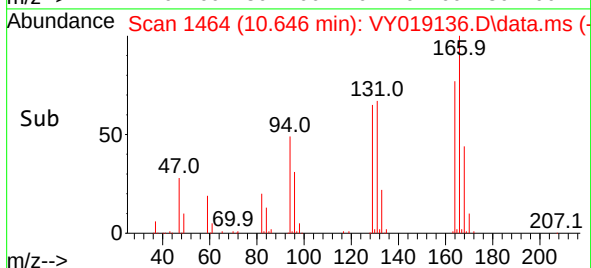
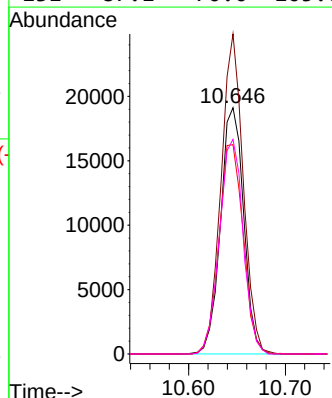
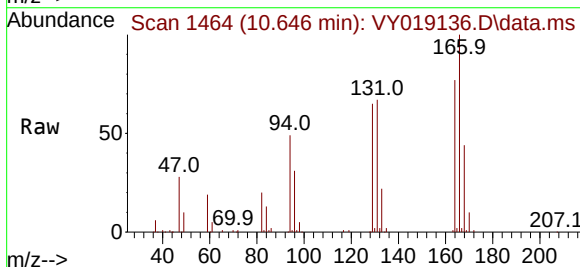
Ion Ratio Lower Upper

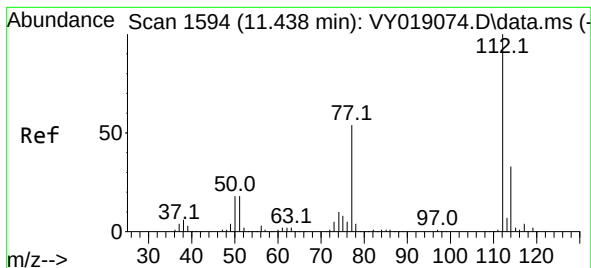
164 100

166 130.0 102.6 154.0

129 85.0 72.0 108.0

131 87.1 70.0 105.0





#65

Chlorobenzene

Concen: 19.665 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

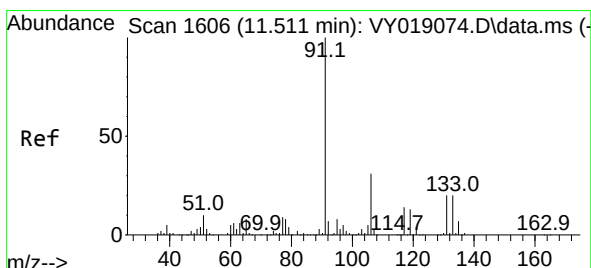
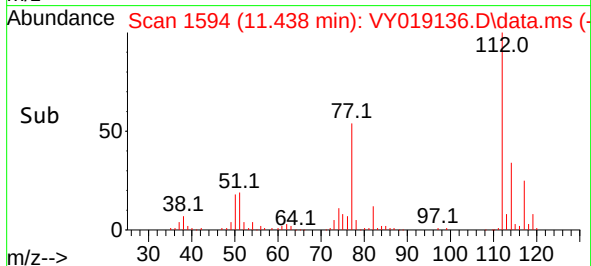
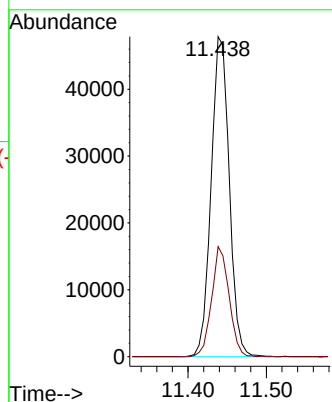
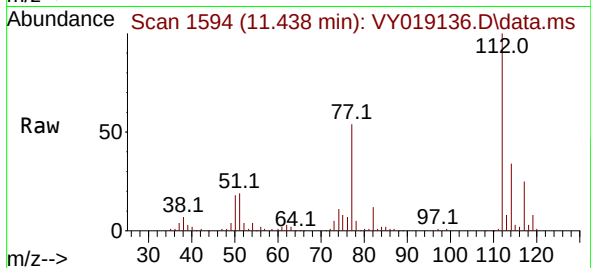
ClientSampleId :

Tgt Ion:112 Resp: 76958

Ion Ratio Lower Upper

112 100

114 34.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.819 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

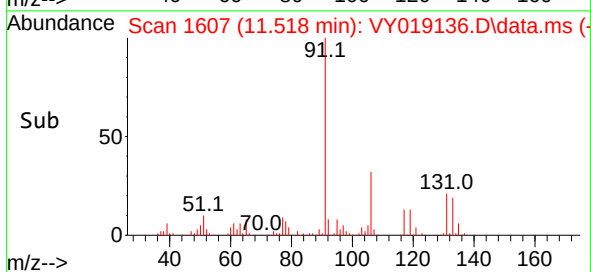
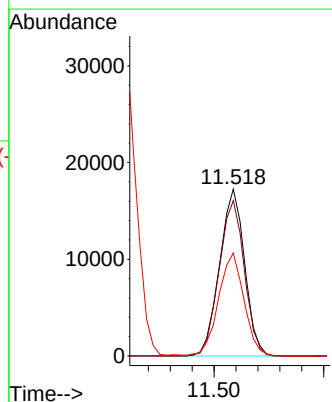
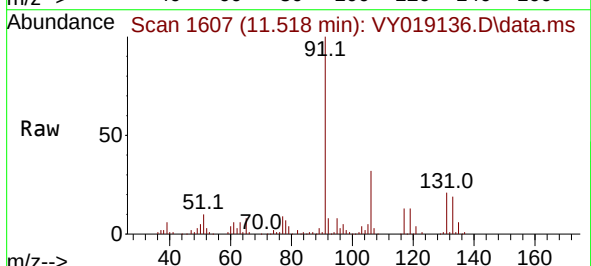
Tgt Ion:131 Resp: 27275

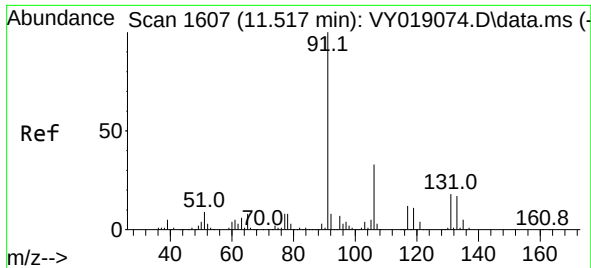
Ion Ratio Lower Upper

131 100

133 94.4 47.8 143.3

119 62.7 34.1 102.2

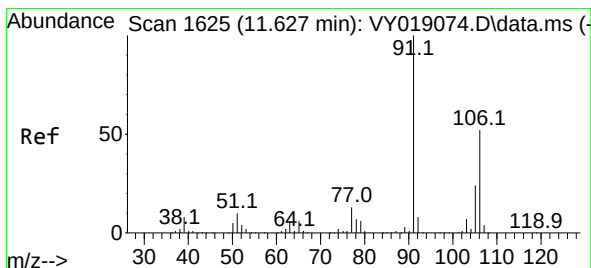
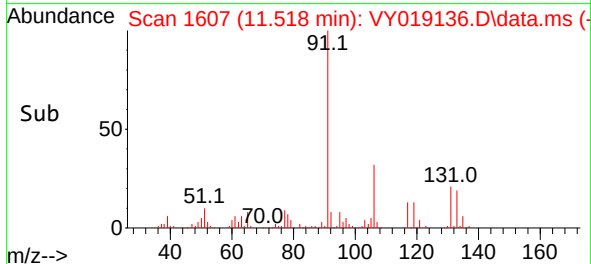
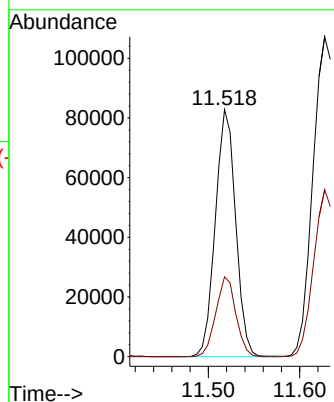
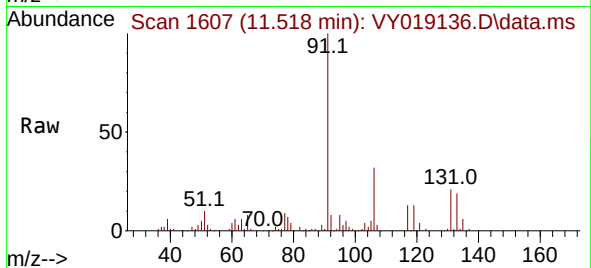




#67
Ethyl Benzene
Concen: 18.842 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

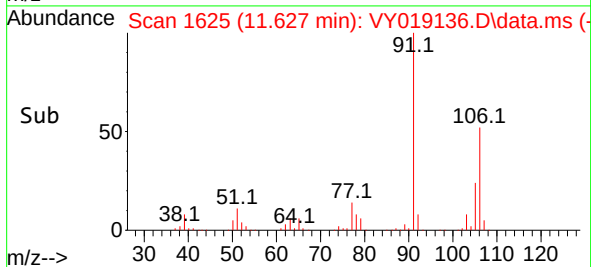
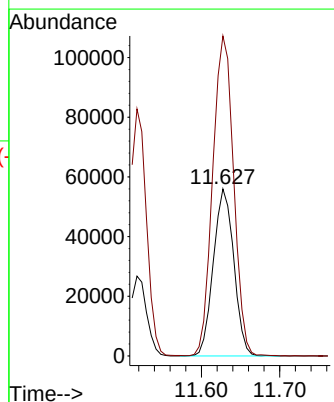
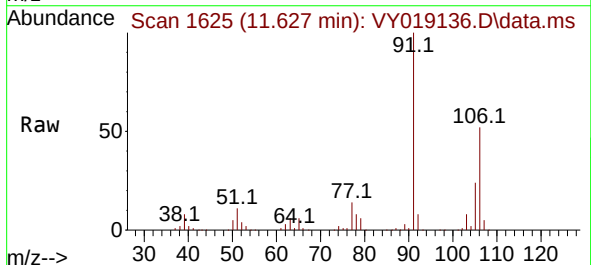
Instrument :
MSVOA_Y
ClientSampleId :

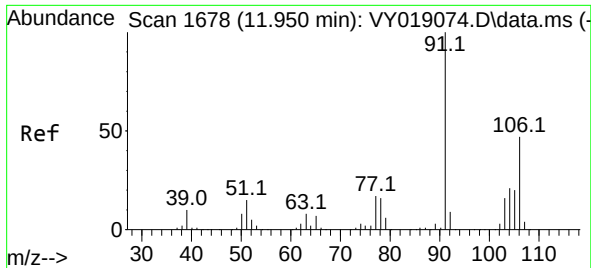
Tgt Ion: 91 Resp: 127984
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 37.684 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion:106 Resp: 101564
Ion Ratio Lower Upper
106 100
91 196.2 156.0 234.0

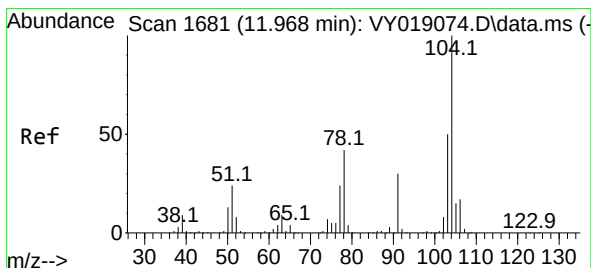
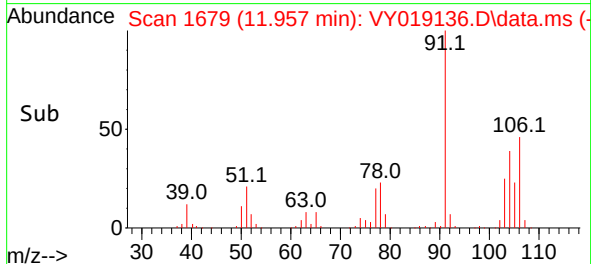
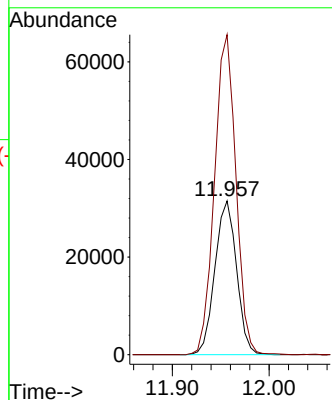
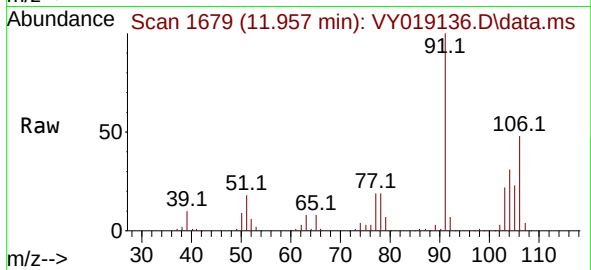




#69
o-Xylene
Concen: 19.629 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

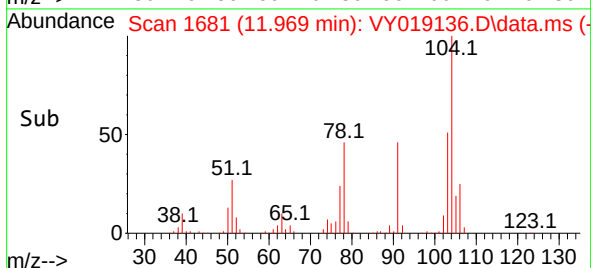
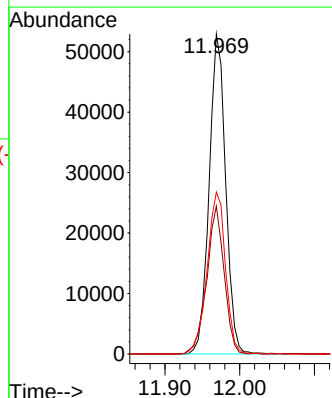
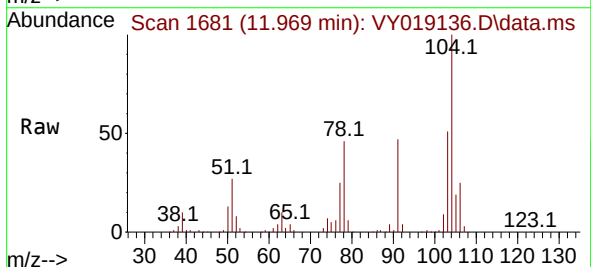
Instrument :
MSVOA_Y
ClientSampleId :

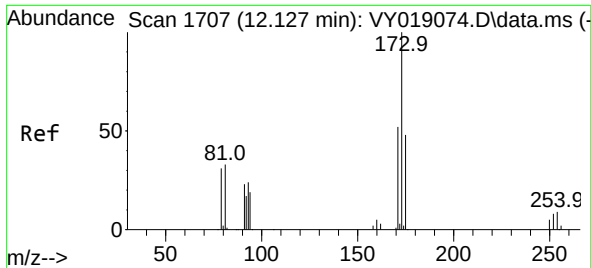
Tgt Ion:106 Resp: 48991
Ion Ratio Lower Upper
106 100
91 205.8 103.6 310.8



#70
Styrene
Concen: 19.076 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion:104 Resp: 81189
Ion Ratio Lower Upper
104 100
78 48.6 37.0 55.4
103 56.4 44.2 66.2

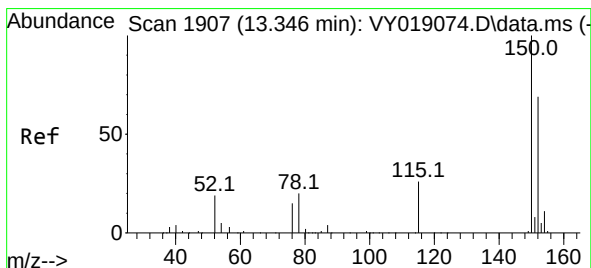
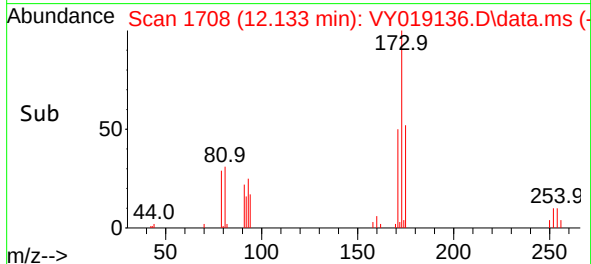
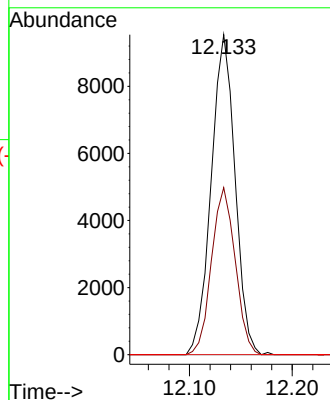
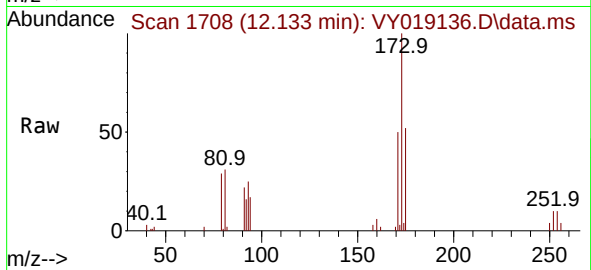




#71
Bromoform
Concen: 19.546 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

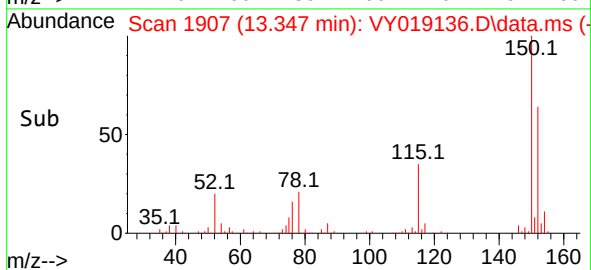
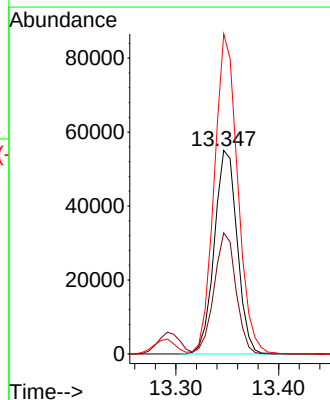
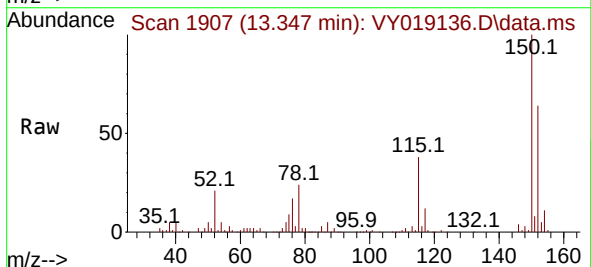
Instrument :
MSVOA_Y
ClientSampleId :

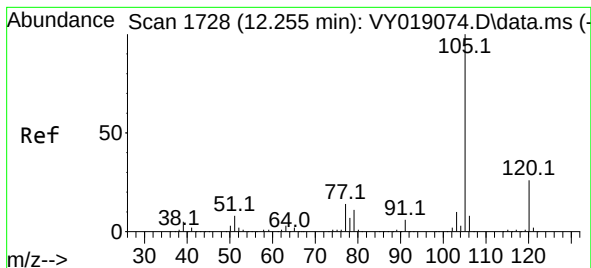
Tgt Ion:173 Resp: 15377
Ion Ratio Lower Upper
173 100
175 51.7 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion:152 Resp: 84817
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 161.6 0.0 345.6





#73

Isopropylbenzene

Concen: 19.284 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

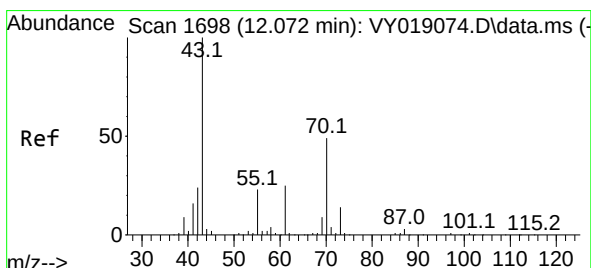
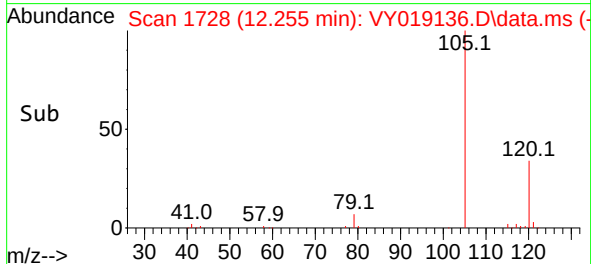
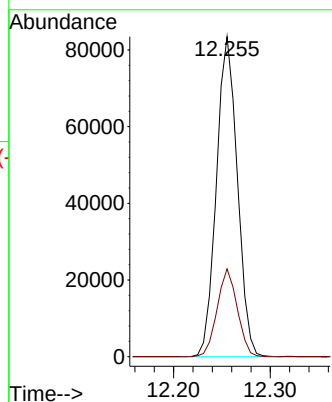
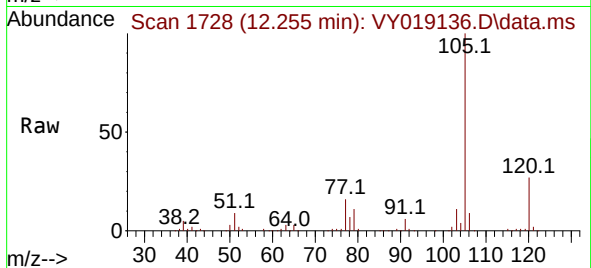
ClientSampleId :

Tgt Ion:105 Resp: 125363

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 18.007 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Tgt Ion: 43 Resp: 25526

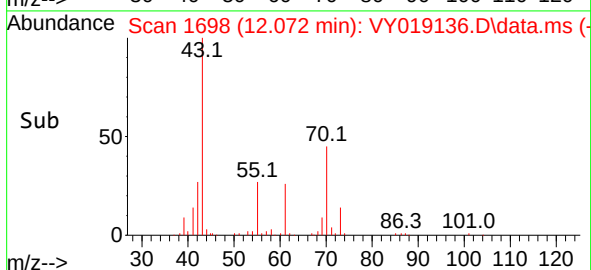
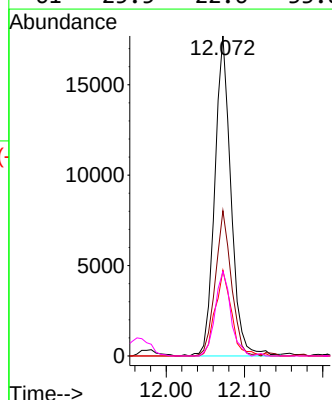
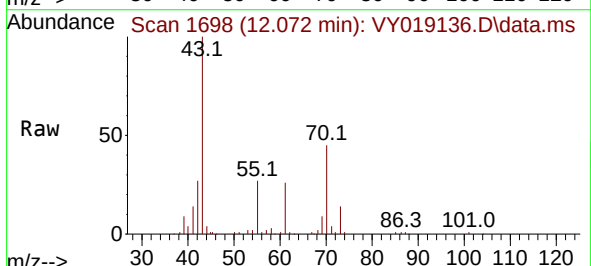
Ion Ratio Lower Upper

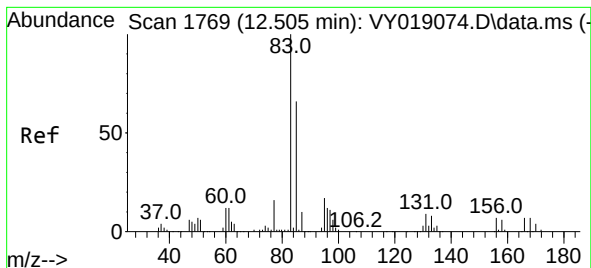
43 100

70 44.7 41.4 62.2

55 26.7 23.3 34.9

61 25.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.114 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

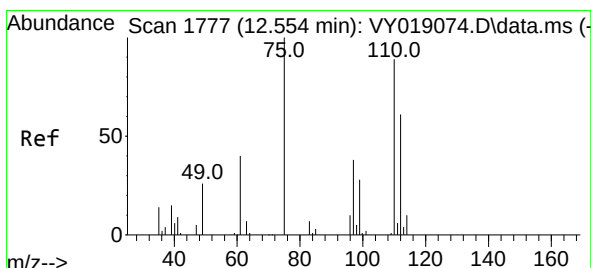
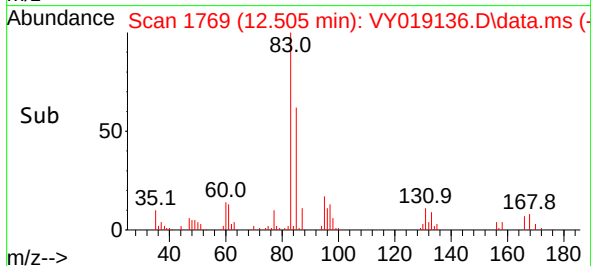
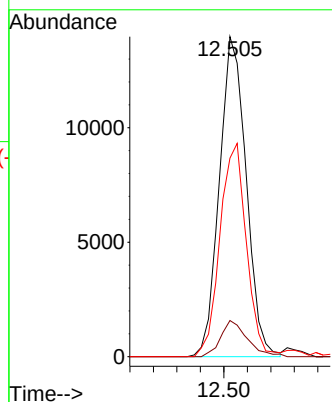
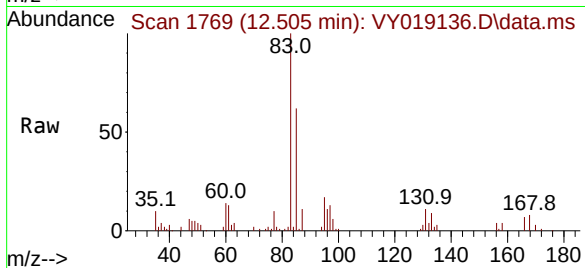
Tgt Ion: 83 Resp: 22121

Ion Ratio Lower Upper

83 100

131 11.2 5.0 14.9

85 65.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.026 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019136.D

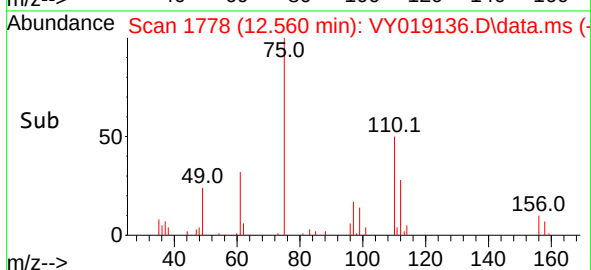
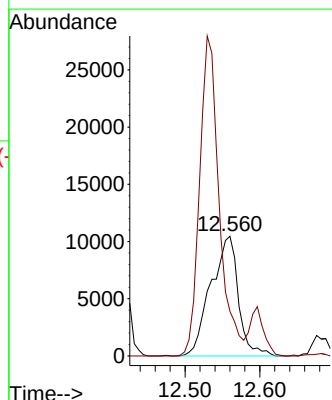
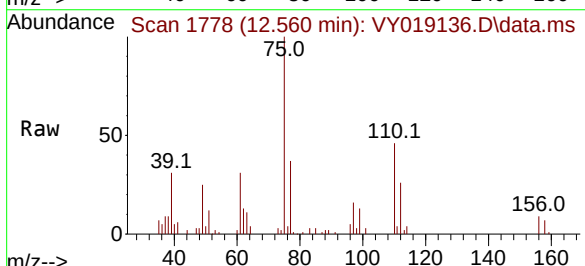
Acq: 20 Aug 2024 00:39

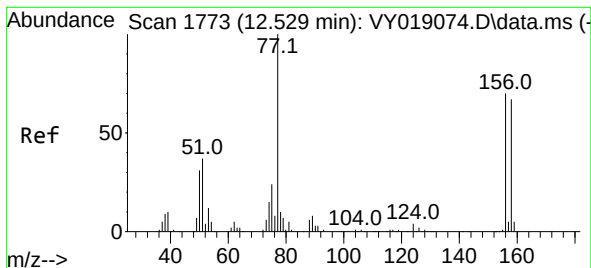
Tgt Ion: 75 Resp: 26788

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.334 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

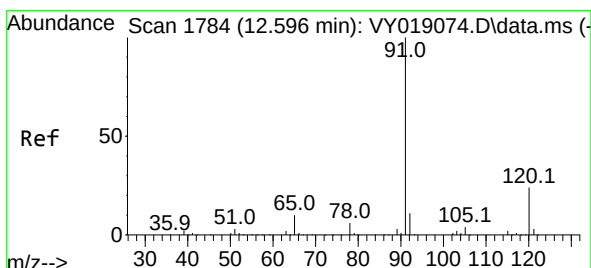
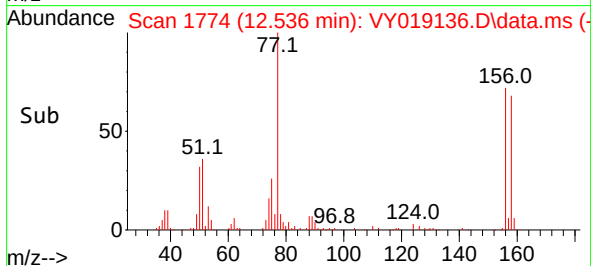
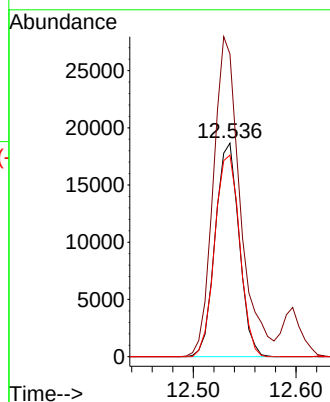
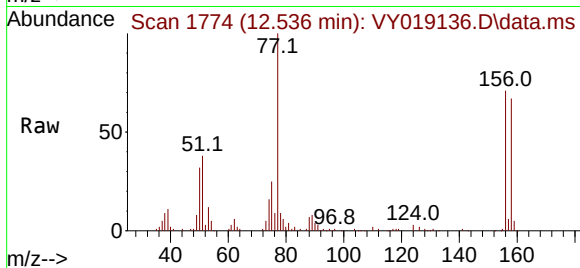
Tgt Ion:156 Resp: 30184

Ion Ratio Lower Upper

156 100

77 168.6 87.1 261.3

158 98.4 48.6 145.9



#78

n-propylbenzene

Concen: 19.133 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019136.D

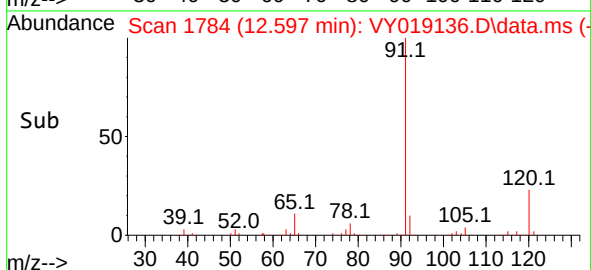
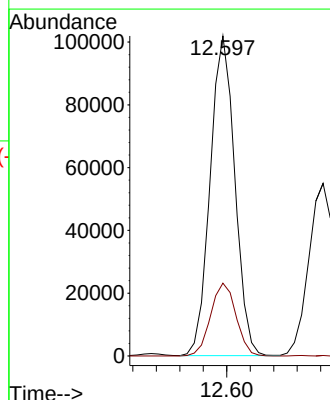
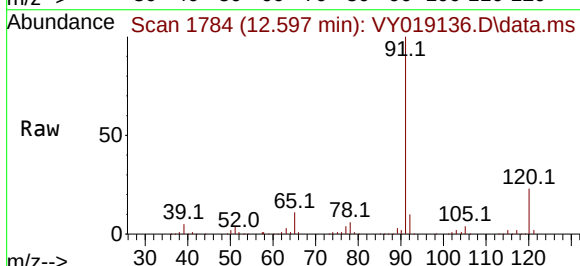
Acq: 20 Aug 2024 00:39

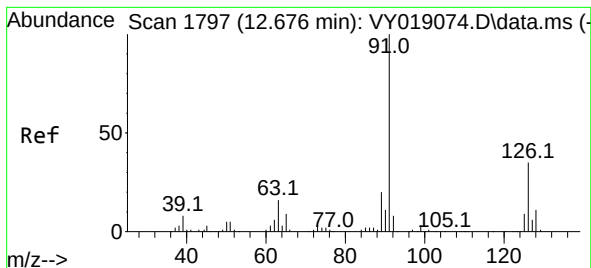
Tgt Ion: 91 Resp: 148686

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.399 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

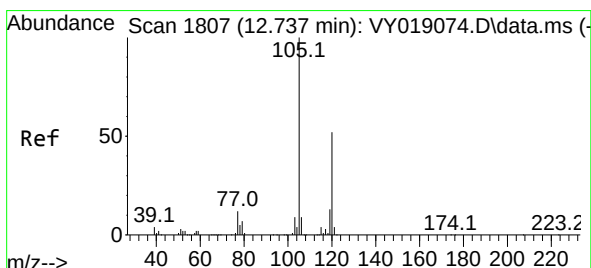
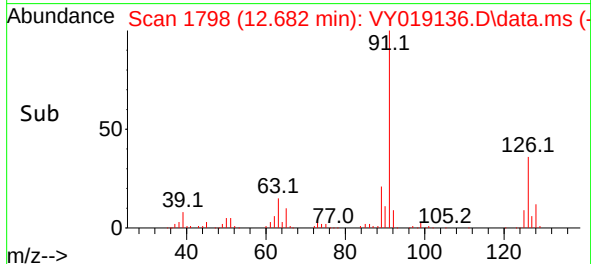
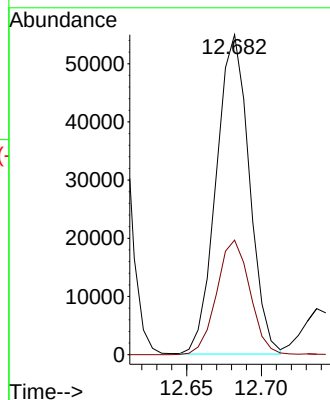
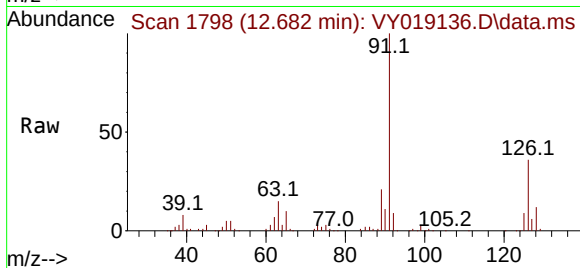
ClientSampleId :

Tgt Ion: 91 Resp: 84520

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.250 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019136.D

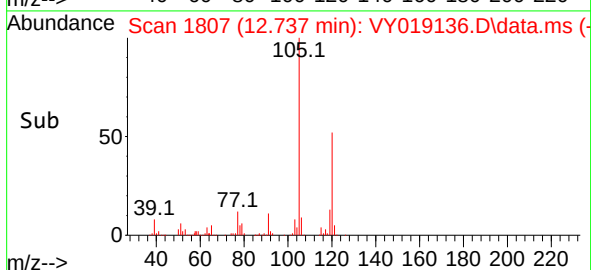
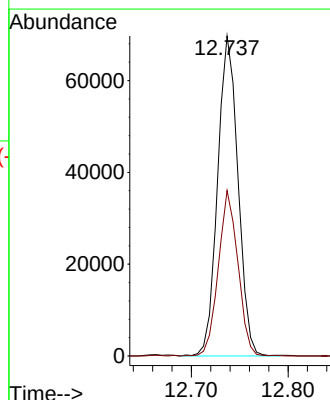
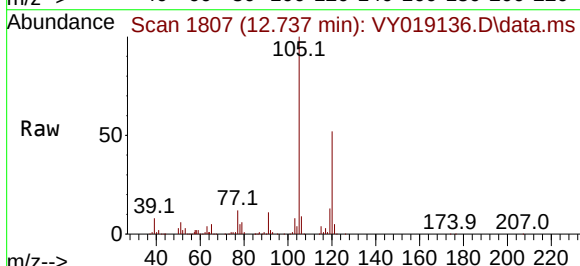
Acq: 20 Aug 2024 00:39

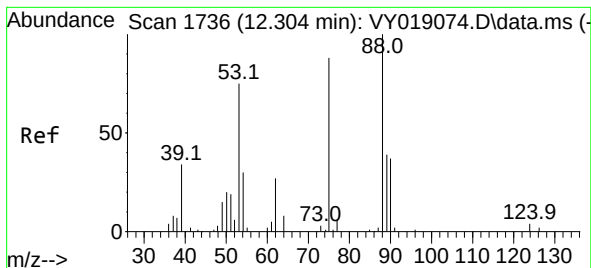
Tgt Ion:105 Resp: 101946

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.2

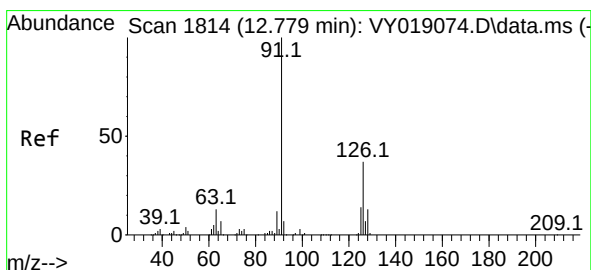
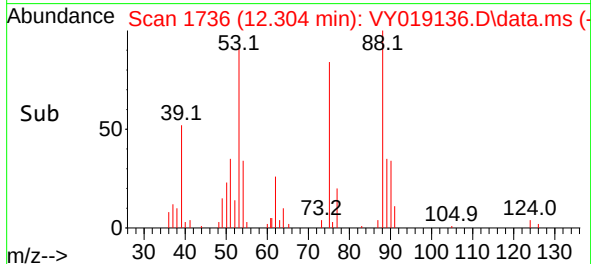
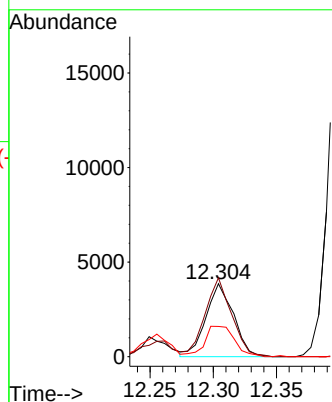
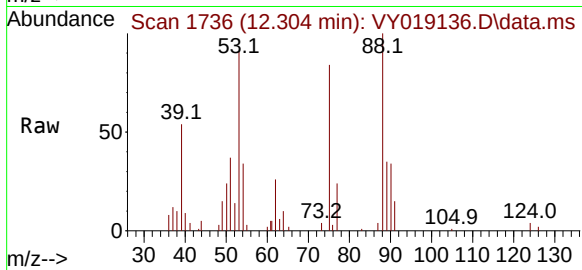




#81
trans-1,4-Dichloro-2-butene
Concen: 17.290 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

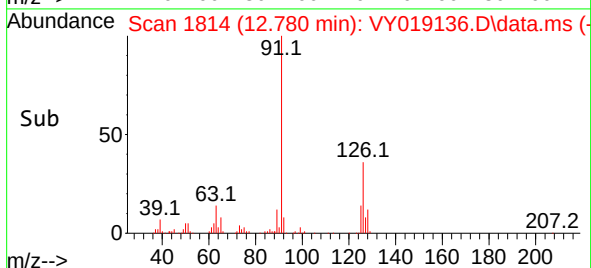
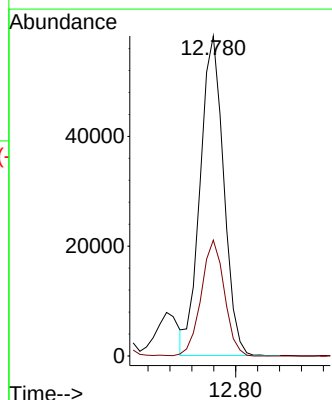
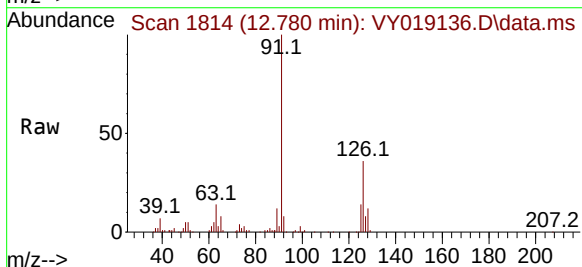
Instrument :
MSVOA_Y
ClientSampleId :

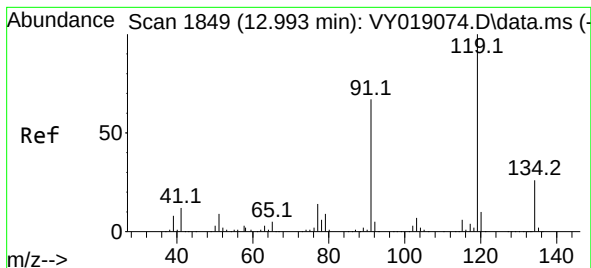
Tgt Ion: 75 Resp: 5856
Ion Ratio Lower Upper
75 100
53 104.3 66.8 100.2#
89 44.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.106 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

Tgt Ion: 91 Resp: 86606
Ion Ratio Lower Upper
91 100
126 35.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.949 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

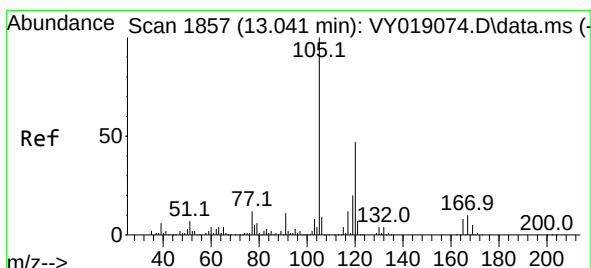
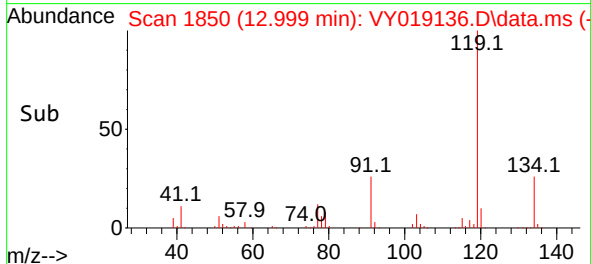
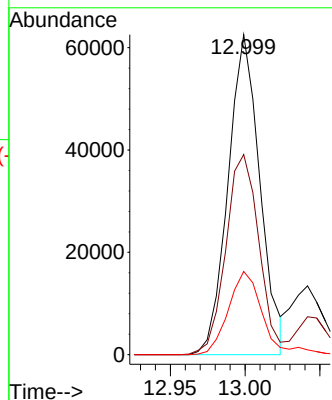
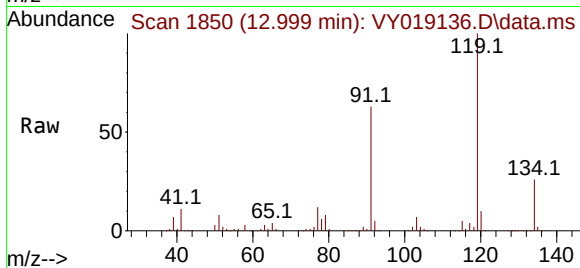
Tgt Ion:119 Resp: 92675

Ion Ratio Lower Upper

119 100

91 64.7 31.3 93.8

134 28.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.115 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019136.D

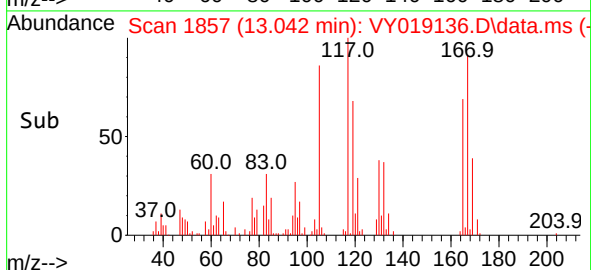
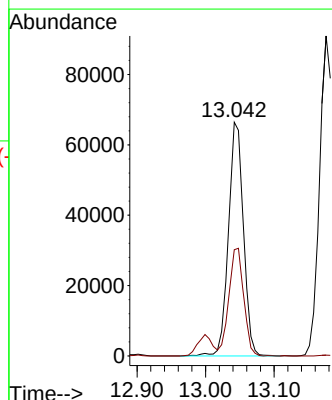
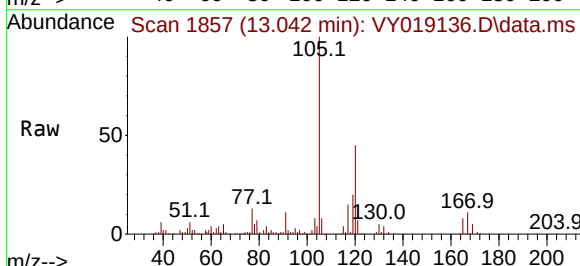
Acq: 20 Aug 2024 00:39

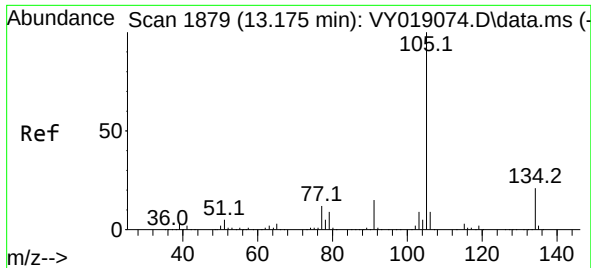
Tgt Ion:105 Resp: 100894

Ion Ratio Lower Upper

105 100

120 45.6 23.2 69.6

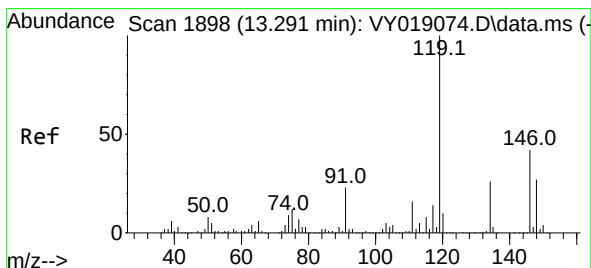
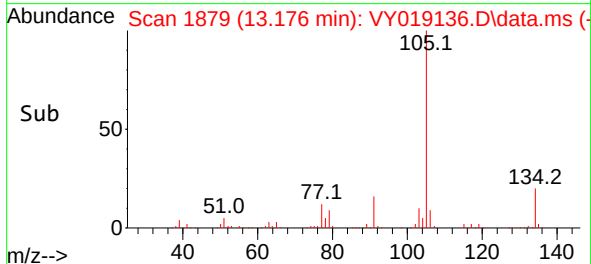
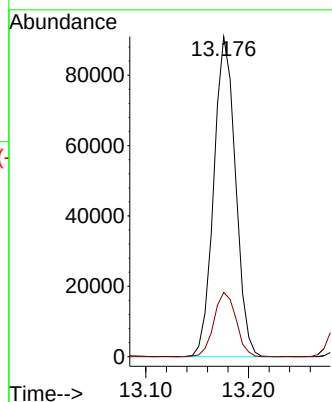
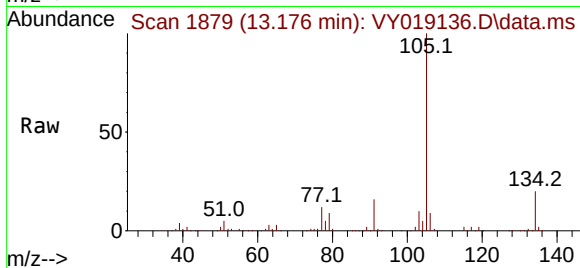




#85
 sec-Butylbenzene
 Concen: 18.717 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

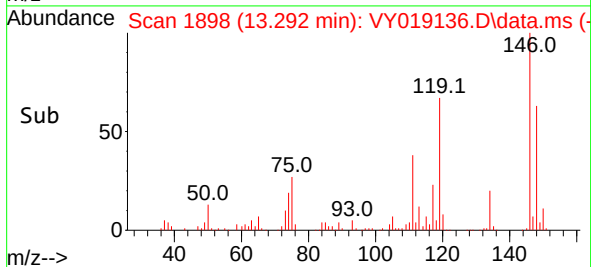
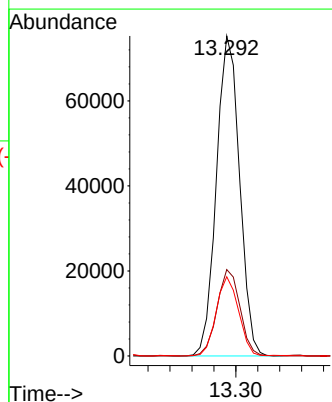
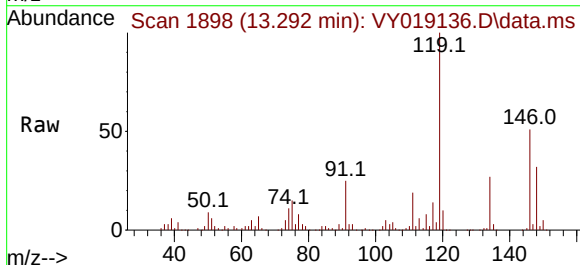
Instrument :
 MSVOA_Y
 ClientSampleId :

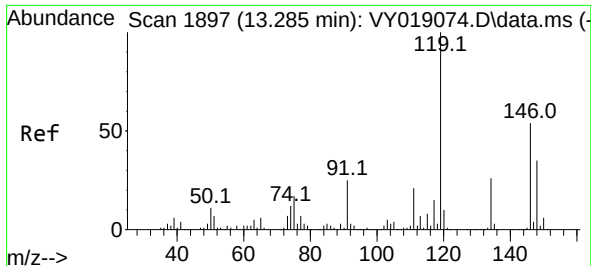
Tgt Ion:105 Resp: 133395
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.890 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019136.D
 Acq: 20 Aug 2024 00:39

Tgt Ion:119 Resp: 110581
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 23.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.857 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

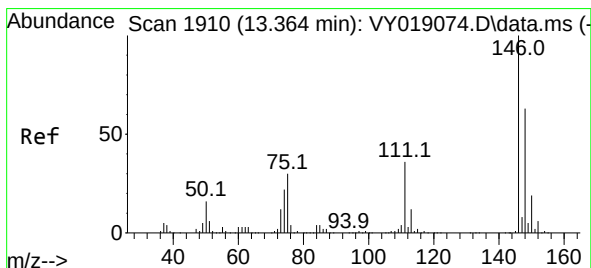
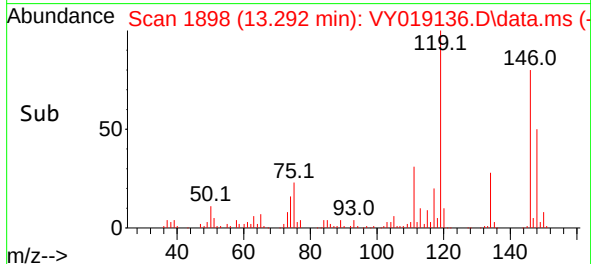
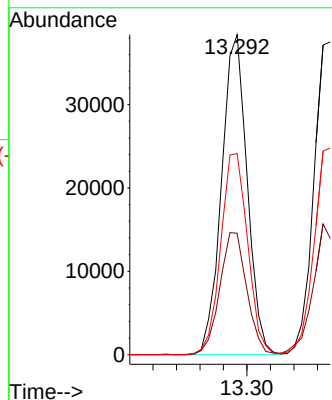
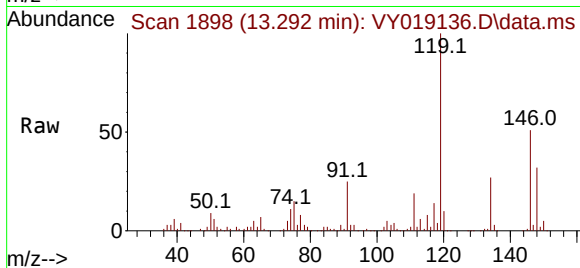
Tgt Ion:146 Resp: 58058

Ion Ratio Lower Upper

146 100

111 40.4 19.0 57.0

148 66.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.935 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

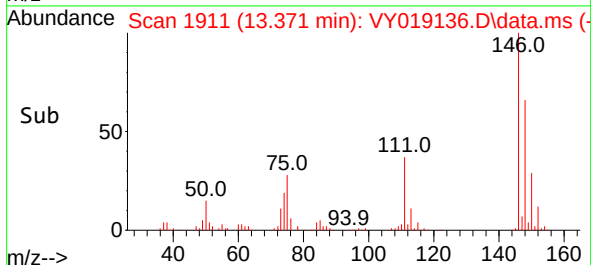
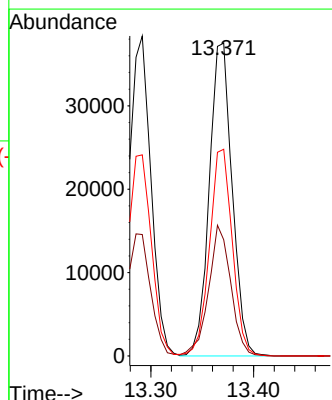
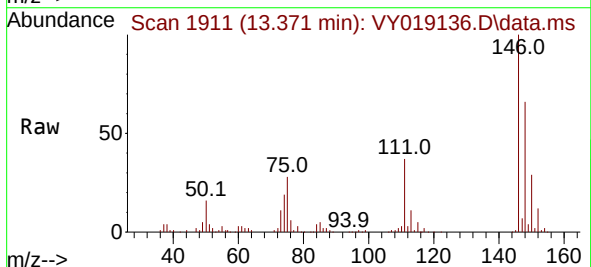
Tgt Ion:146 Resp: 57951

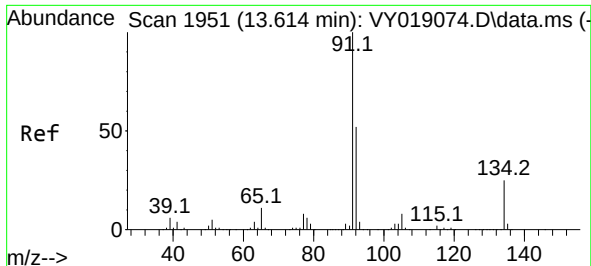
Ion Ratio Lower Upper

146 100

111 40.6 18.4 55.4

148 66.0 32.4 97.2

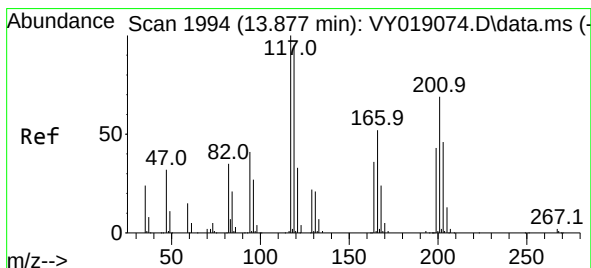
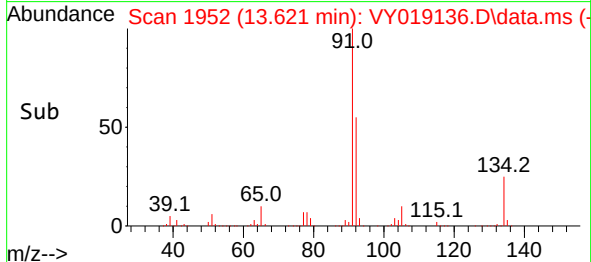
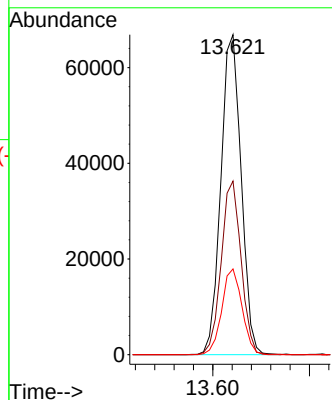
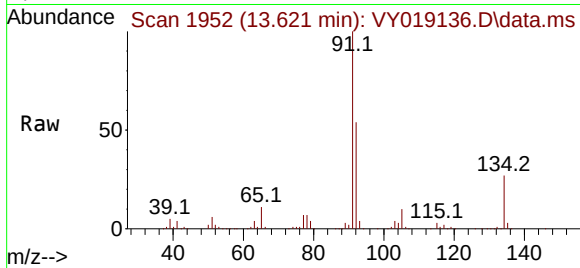




#89
n-Butylbenzene
Concen: 18.217 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

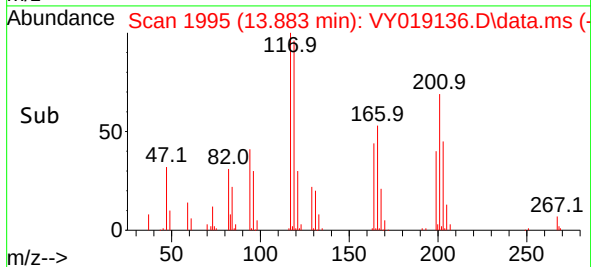
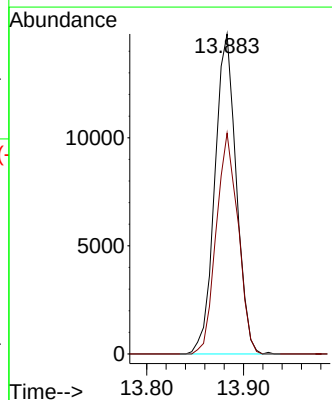
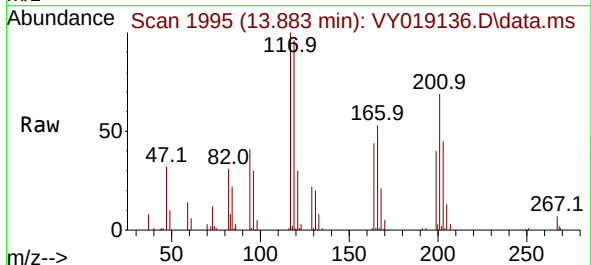
Instrument :
MSVOA_Y
ClientSampleId :

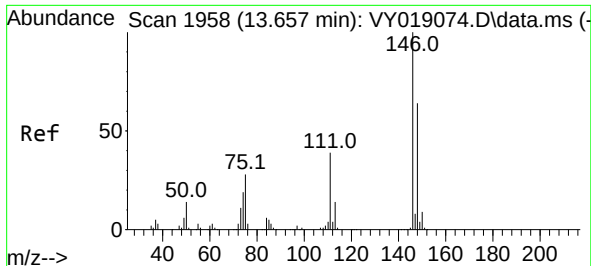
Tgt Ion: 91 Resp: 97226
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.7
134 26.7 12.9 38.7



#90
Hexachloroethane
Concen: 19.782 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

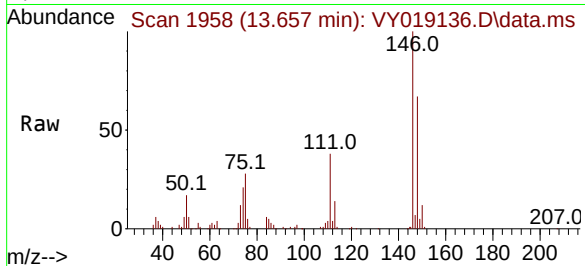
Tgt Ion: 117 Resp: 22826
Ion Ratio Lower Upper
117 100
201 70.1 37.4 112.2



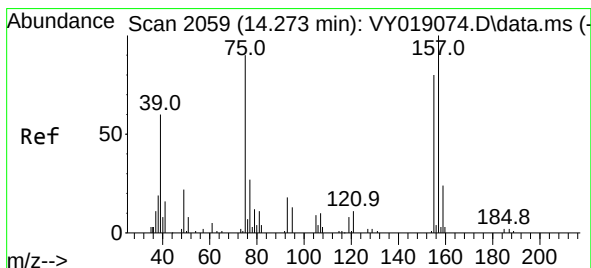
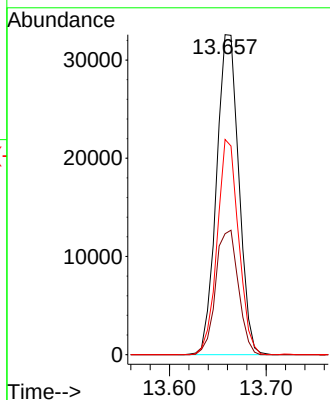
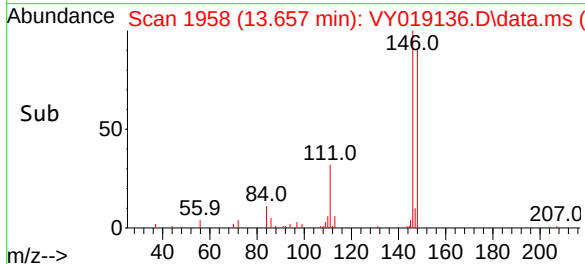


#91
1,2-Dichlorobenzene
Concen: 19.254 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39

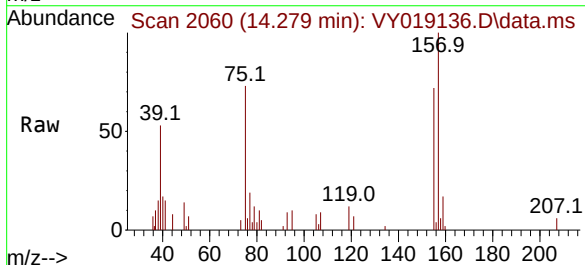
Instrument :
MSVOA_Y
ClientSampleId :



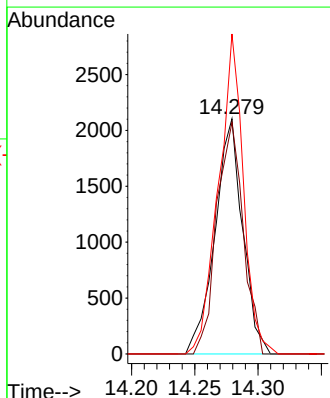
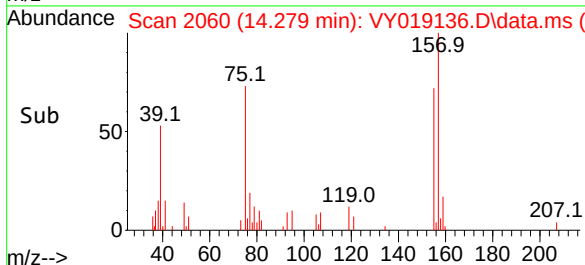
Tgt Ion:146 Resp: 52138
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.7
148 64.5 31.8 95.4

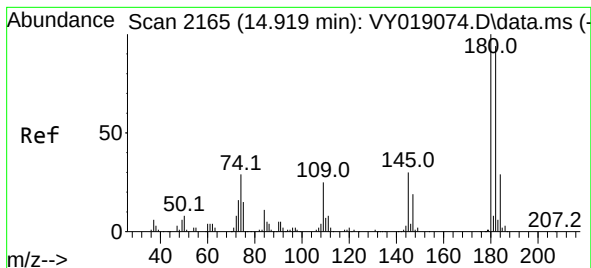


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.801 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019136.D
Acq: 20 Aug 2024 00:39



Tgt Ion: 75 Resp: 3201
Ion Ratio Lower Upper
75 100
155 94.2 48.6 145.8
157 122.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.051 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

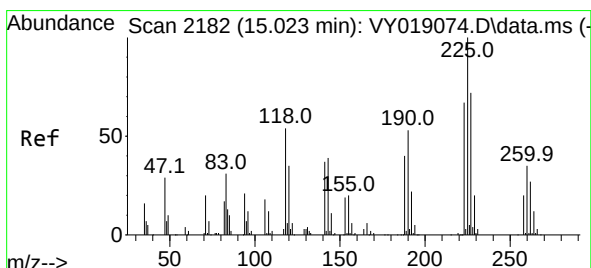
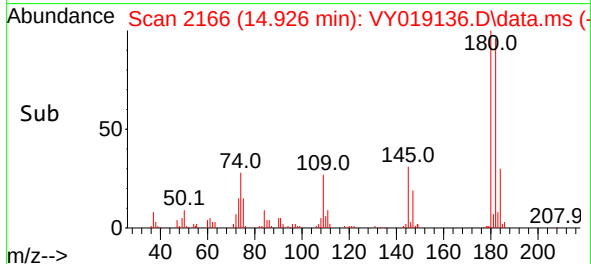
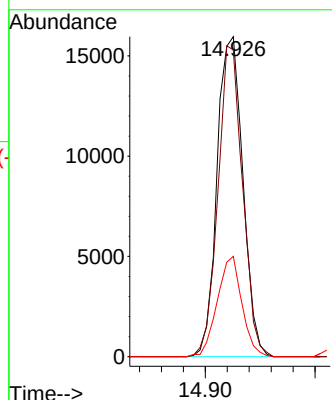
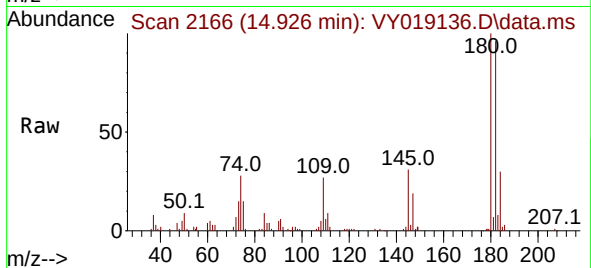
Tgt Ion:180 Resp: 26039

Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.906 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

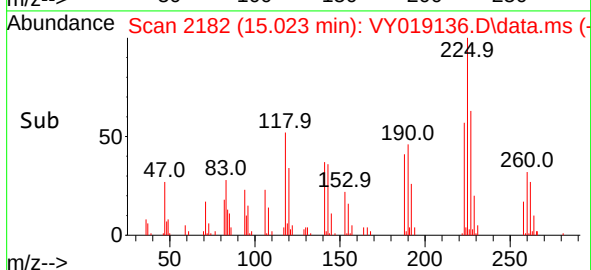
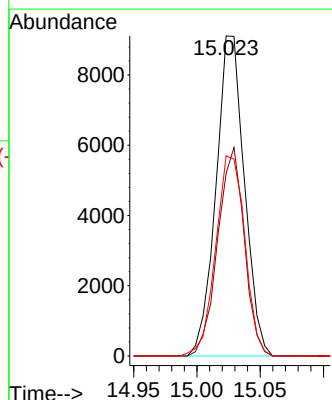
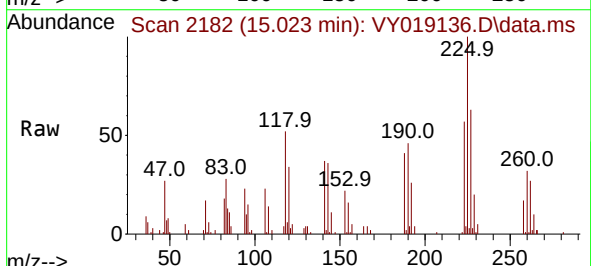
Tgt Ion:225 Resp: 14243

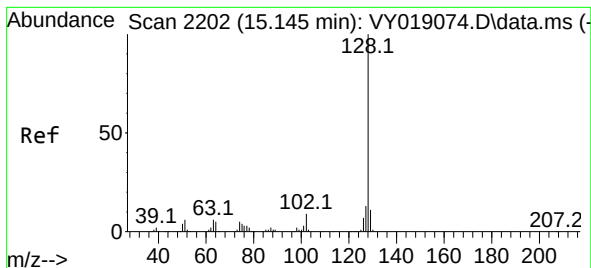
Ion Ratio Lower Upper

225 100

223 60.7 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 16.989 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019136.D

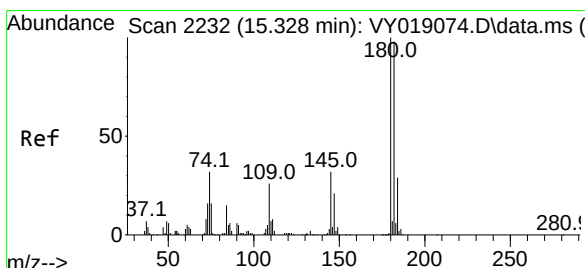
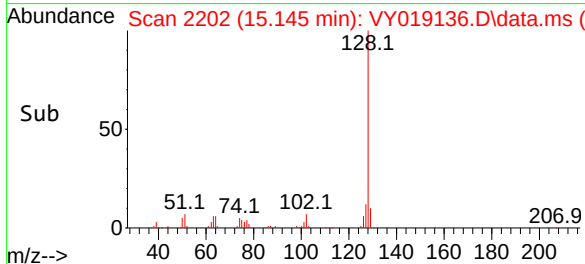
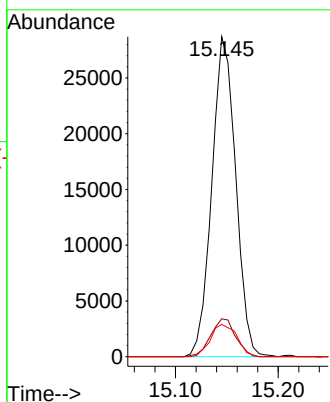
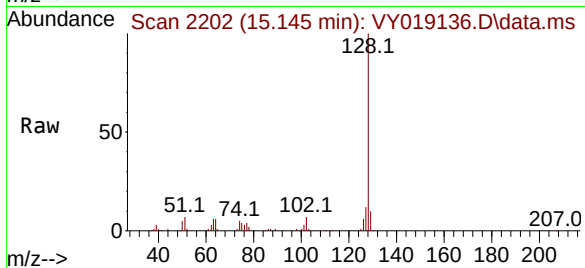
Acq: 20 Aug 2024 00:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	46303
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.6	16.0
129	11.2	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.930 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019136.D

Acq: 20 Aug 2024 00:39

Tgt Ion:	180	Resp:	21806
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.6	142.9
145	31.5	15.4	46.1

