

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020004.D
 Acq On : 24 Oct 2024 12:06
 Operator : SY/MD
 Sample : VY1024SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:39:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	225293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	405827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	339542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145085	52.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.600%	
35) Dibromofluoromethane	7.634	113	138500	51.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.440%	
50) Toluene-d8	10.103	98	490649	49.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.402	95	172583	48.297	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	34416	16.410	ug/l	100
3) Chloromethane	2.068	50	47854	17.531	ug/l	100
4) Vinyl Chloride	2.208	62	52240	17.391	ug/l	97
5) Bromomethane	2.598	94	36812	19.362	ug/l	95
6) Chloroethane	2.739	64	37319	18.493	ug/l	98
7) Trichlorofluoromethane	3.062	101	84259	18.851	ug/l	98
8) Diethyl Ether	3.458	74	24760	18.227	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.824	101	50888	19.573	ug/l	89
10) Methyl Iodide	4.007	142	41238	15.683	ug/l #	87
11) Tert butyl alcohol	4.872	59	23439	93.291	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	42376	17.533	ug/l	84
13) Acrolein	3.659	56	15224	74.688	ug/l	96
14) Allyl chloride	4.385	41	81443	18.676	ug/l #	88
15) Acrylonitrile	5.061	53	62668	100.861	ug/l	99
16) Acetone	3.879	43	75278	104.245	ug/l #	78
17) Carbon Disulfide	4.110	76	78370	12.097	ug/l	97
18) Methyl Acetate	4.385	43	30224	19.429	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	136572	19.669	ug/l	99
20) Methylene Chloride	4.622	84	52575	19.208	ug/l #	85
21) trans-1,2-Dichloroethene	5.122	96	44693	16.990	ug/l	88
22) Diisopropyl ether	6.019	45	200077	21.063	ug/l #	87
23) Vinyl Acetate	5.964	43	538507	98.890	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	108546	20.557	ug/l	95
25) 2-Butanone	6.903	43	101170	104.668	ug/l #	79
26) 2,2-Dichloropropane	6.884	77	90139	19.169	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	61528	18.927	ug/l	83
28) Bromochloromethane	7.250	49	47008	20.227	ug/l #	73
29) Tetrahydrofuran	7.268	42	54201	98.208	ug/l #	80
30) Chloroform	7.427	83	113294	21.048	ug/l	94
31) Cyclohexane	7.701	56	79071	17.059	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	95128	20.167	ug/l	94
36) 1,1-Dichloropropene	7.841	75	70641	18.310	ug/l	93
37) Ethyl Acetate	6.988	43	38601	19.187	ug/l	96
38) Carbon Tetrachloride	7.817	117	78353	18.944	ug/l	98
39) Methylcyclohexane	9.109	83	79386	16.330	ug/l #	84
40) Benzene	8.085	78	215567	18.462	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22071	20.270	ug/l #	86
42) 1,2-Dichloroethane	8.165	62	66246	19.748	ug/l	93
43) Isopropyl Acetate	8.201	43	78688	19.179	ug/l #	76
44) Trichloroethene	8.866	130	50044	17.696	ug/l	89
45) 1,2-Dichloropropane	9.140	63	57904	19.813	ug/l	94
46) Dibromomethane	9.231	93	29781	18.651	ug/l	89
47) Bromodichloromethane	9.426	83	85144	20.089	ug/l	97
48) Methyl methacrylate	9.219	41	33204	18.398	ug/l #	80
49) 1,4-Dioxane	9.231	88	6208	347.374	ug/l #	86
51) 4-Methyl-2-Pentanone	10.000	43	209987	100.342	ug/l	89
52) Toluene	10.170	92	133608	18.331	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	68565	17.980	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	84152	18.702	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	42382	20.146	ug/l	99
56) Ethyl methacrylate	10.438	69	54970	18.210	ug/l #	70
57) 1,3-Dichloropropane	10.719	76	71502	19.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	148071	105.369	ug/l	91
59) 2-Hexanone	10.762	43	150927	100.976	ug/l	86
60) Dibromochloromethane	10.908	129	51415	19.041	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34368	18.079	ug/l	98
64) Tetrachloroethene	10.646	164	42801	17.722	ug/l	95
65) Chlorobenzene	11.438	112	148820	19.163	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	52158	19.850	ug/l	99
67) Ethyl Benzene	11.518	91	267762	18.980	ug/l	98
68) m/p-Xylenes	11.627	106	197011	37.813	ug/l	92
69) o-Xylene	11.950	106	94766	18.931	ug/l	92
70) Styrene	11.969	104	158858	18.809	ug/l	95
71) Bromoform	12.133	173	25837	18.368	ug/l #	99
73) Isopropylbenzene	12.255	105	264183	20.163	ug/l	98
74) N-amyl acetate	12.072	43	68177	19.646	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	50285	21.599	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	60757	19.910	ug/l #	100
77) Bromobenzene	12.530	156	52081	18.732	ug/l	79
78) n-propylbenzene	12.597	91	324842	20.518	ug/l	95
79) 2-Chlorotoluene	12.676	91	178942	19.715	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	207438	19.604	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	13859	18.332	ug/l #	80
82) 4-Chlorotoluene	12.773	91	183621	19.786	ug/l	94
83) tert-Butylbenzene	12.993	119	194453	20.514	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	204353	19.479	ug/l	96
85) sec-Butylbenzene	13.176	105	286202	20.208	ug/l	99
86) p-Isopropyltoluene	13.292	119	226779	19.719	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	106778	19.017	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	105340	19.097	ug/l	95
89) n-Butylbenzene	13.615	91	228408	20.340	ug/l	97
90) Hexachloroethane	13.877	117	45074	20.128	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	95350	19.327	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7245	19.499	ug/l	70
93) 1,2,4-Trichlorobenzene	14.919	180	49166	17.773	ug/l	98
94) Hexachlorobutadiene	15.023	225	28367	18.444	ug/l	98
95) Naphthalene	15.145	128	90941	17.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	40772	17.435	ug/l	98

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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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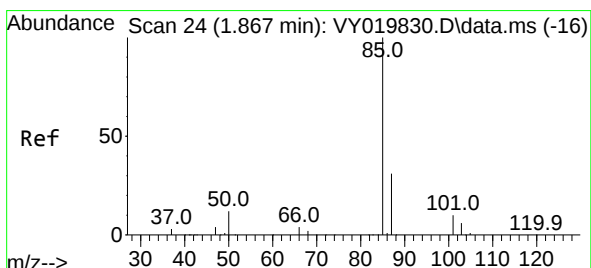
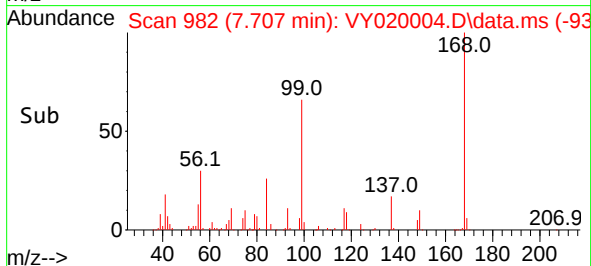
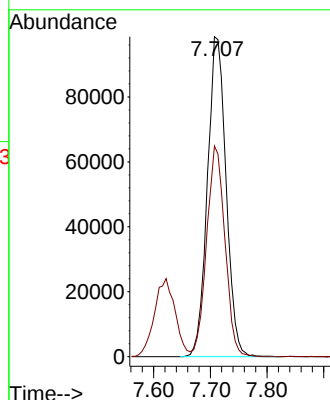
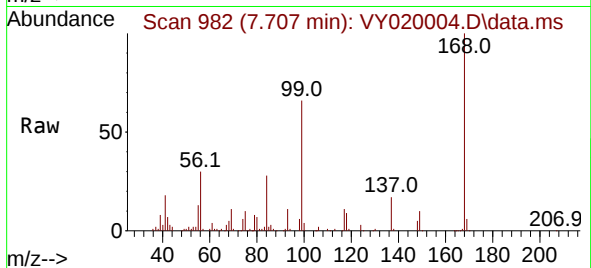




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

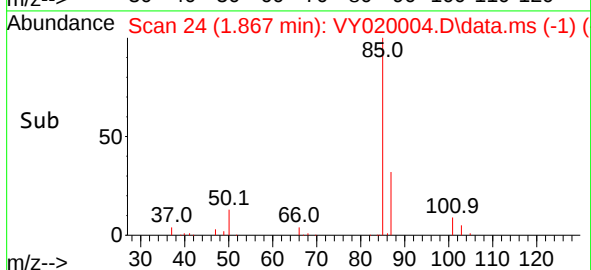
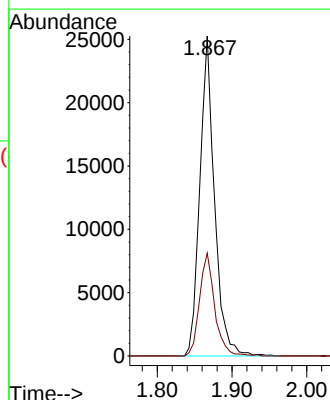
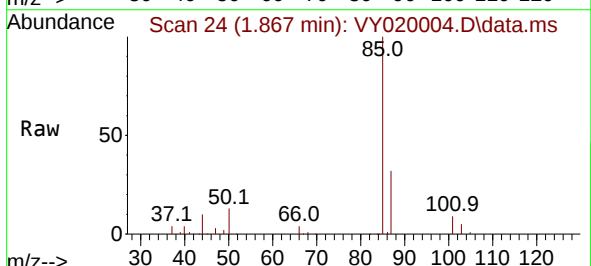
Instrument :
MSVOA_Y
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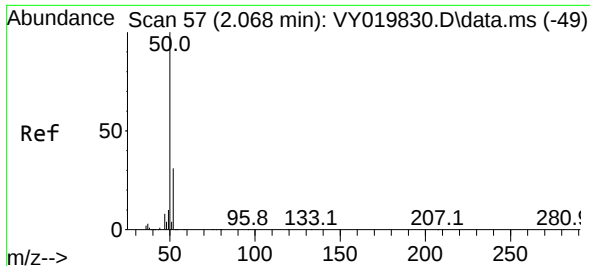
Tgt Ion:168 Resp: 225293
Ion Ratio Lower Upper
168 100
99 65.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.410 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 85 Resp: 34416
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0

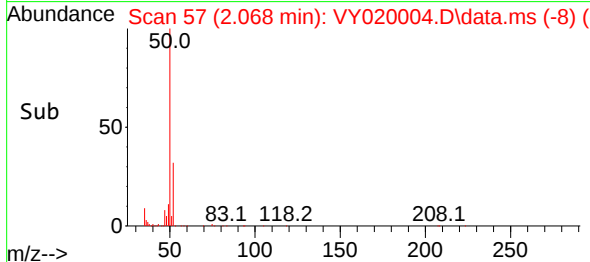
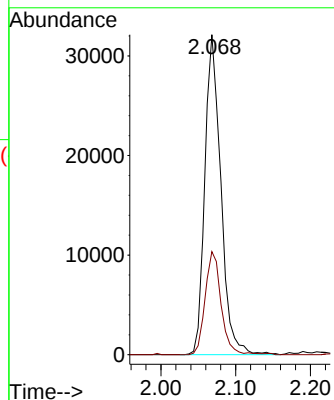
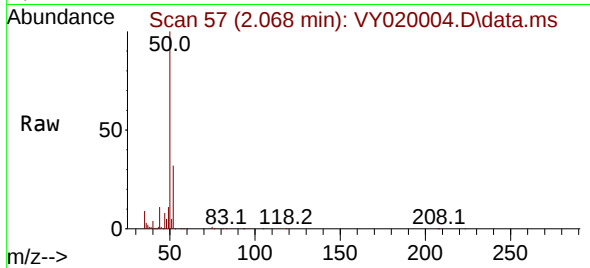




#3
Chloromethane
Concen: 17.531 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

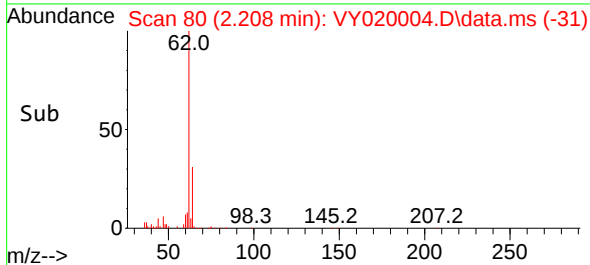
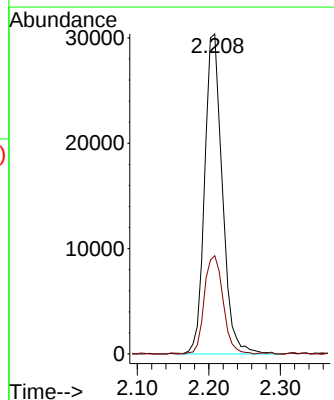
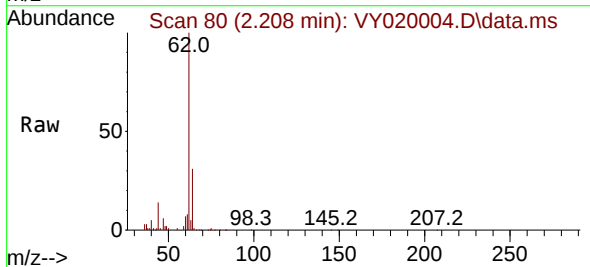
Instrument :
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ClientSampleId :

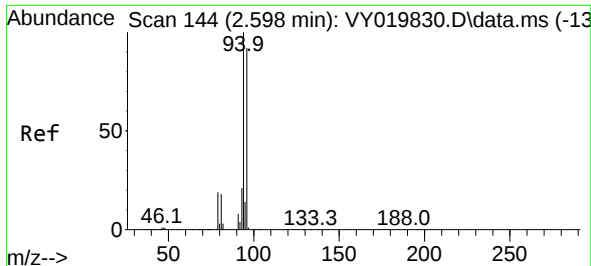
Tgt Ion: 50 Resp: 47854
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 17.391 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 62 Resp: 52240
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1

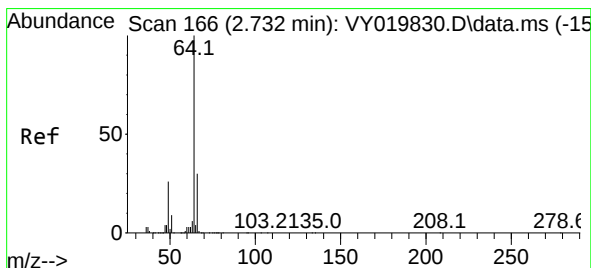
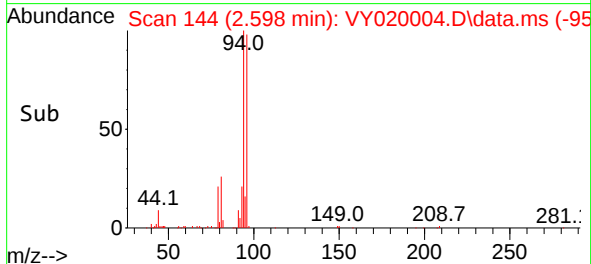
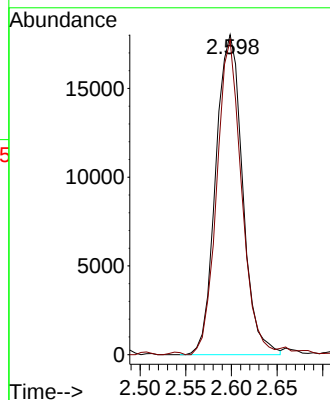
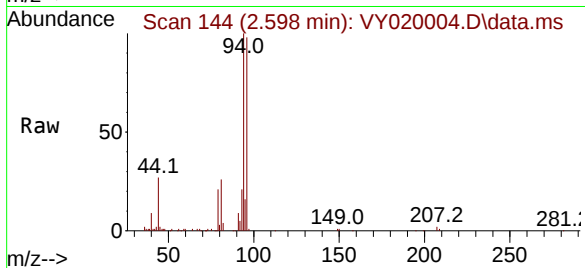




#5
Bromomethane
Concen: 19.362 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

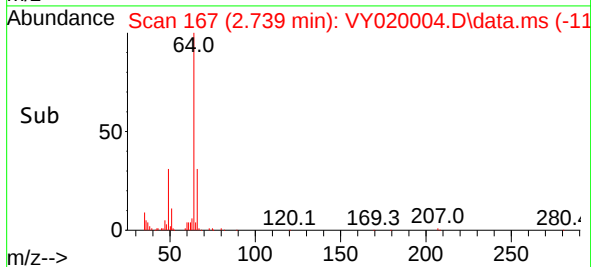
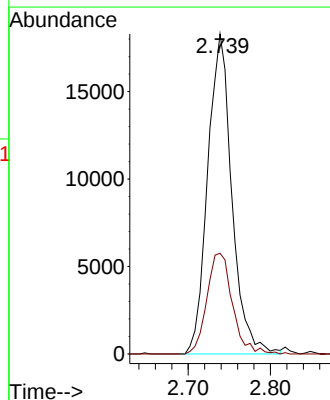
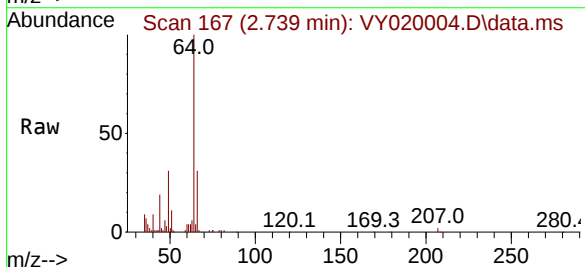
Instrument :
MSVOA_Y
ClientSampleId :

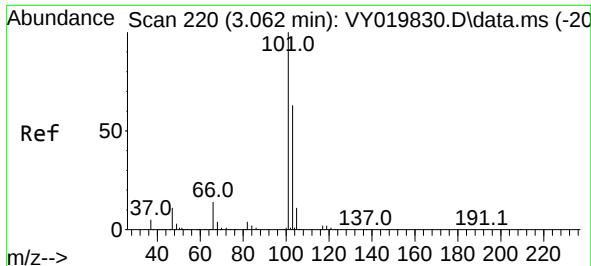
Tgt Ion: 94 Resp: 36812
Ion Ratio Lower Upper
94 100
96 97.6 74.1 111.1



#6
Chloroethane
Concen: 18.493 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 64 Resp: 37319
Ion Ratio Lower Upper
64 100
66 31.4 26.1 39.1

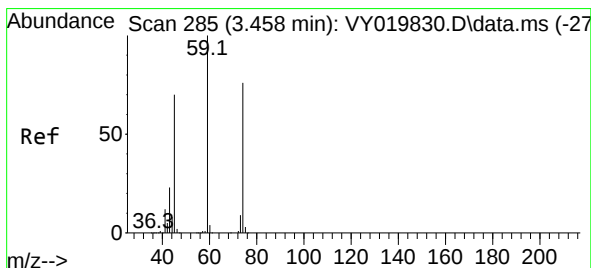
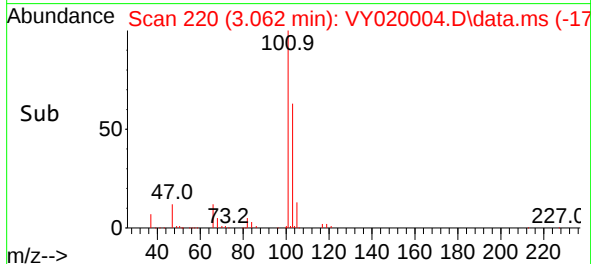
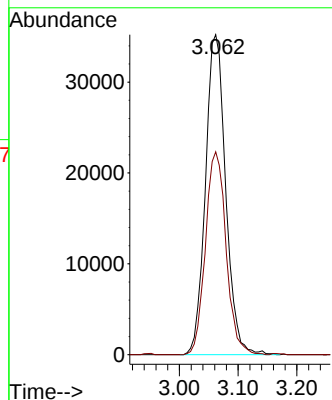
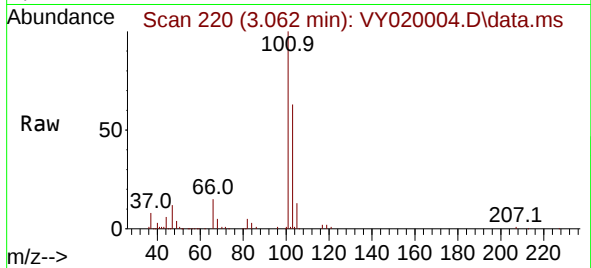




#7
Trichlorofluoromethane
Concen: 18.851 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

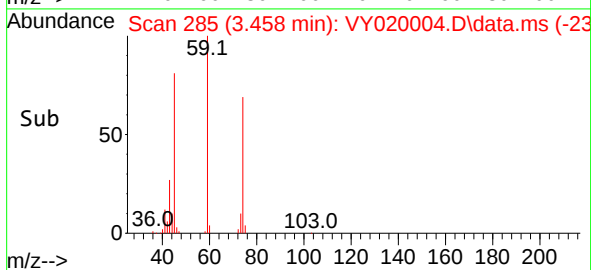
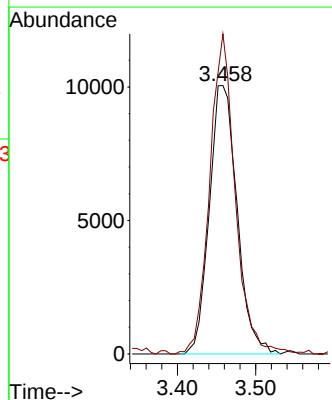
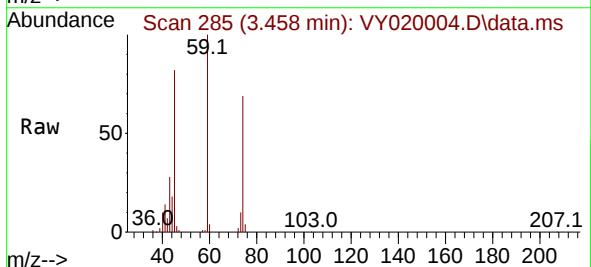
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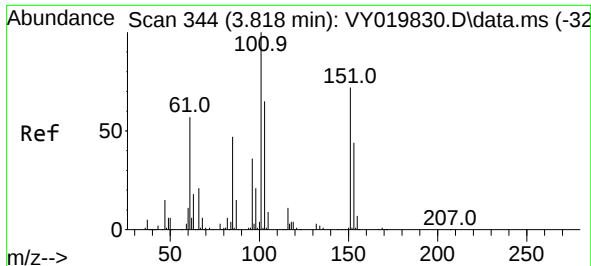
Tgt Ion:101 Resp: 84259
Ion Ratio Lower Upper
101 100
103 63.4 49.3 73.9



#8
Diethyl Ether
Concen: 18.227 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 74 Resp: 24760
Ion Ratio Lower Upper
74 100
45 109.7 41.3 124.1

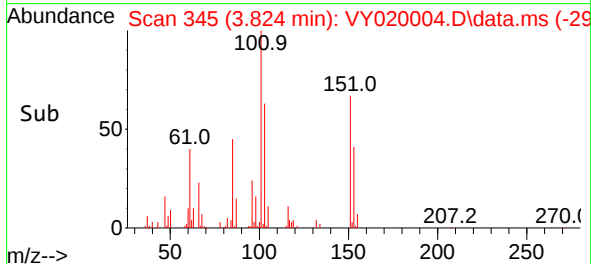
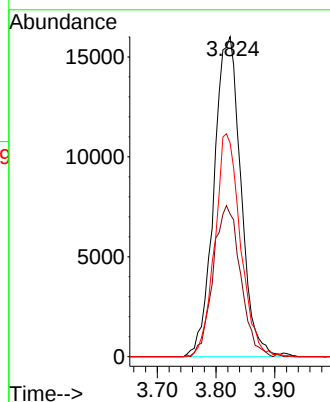
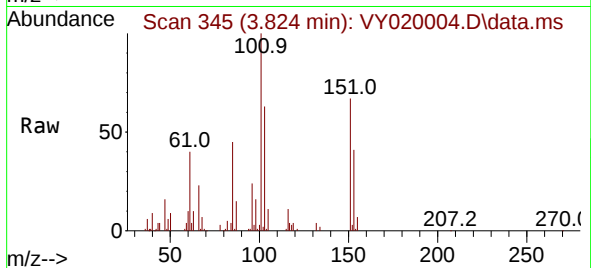




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.573 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY020004.D
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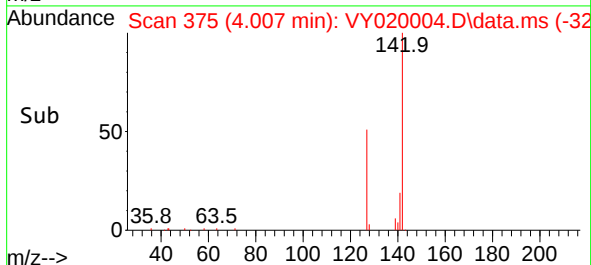
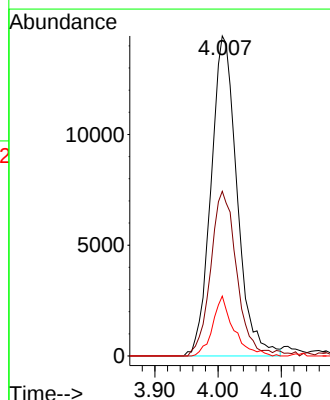
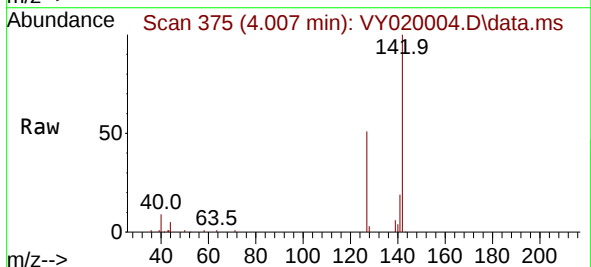
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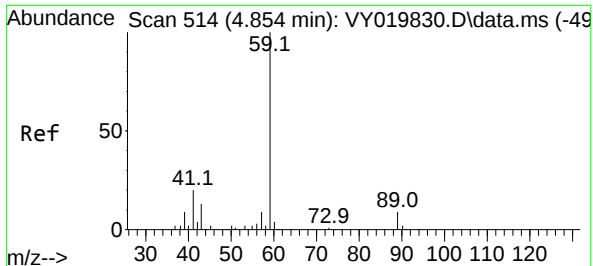
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Ion Ratio Lower Upper
101 100
85 48.2 34.5 51.7
151 66.6 61.7 92.5



#10
Methyl Iodide
Concen: 15.683 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion:142 Resp: 41238
Ion Ratio Lower Upper
142 100
127 51.2 32.8 49.2#
141 15.1 11.4 17.2

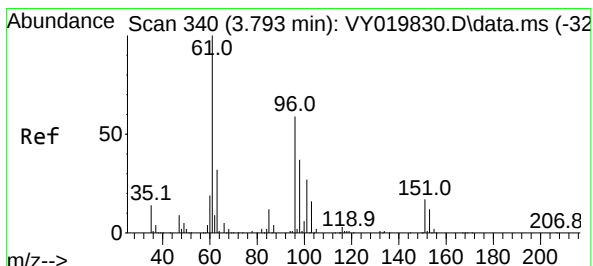
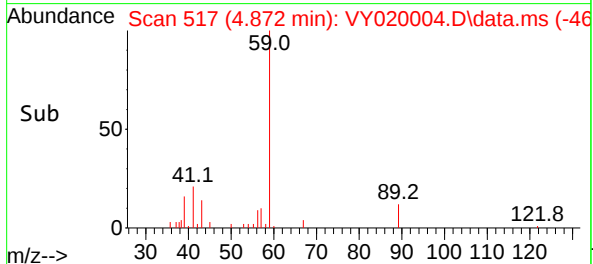
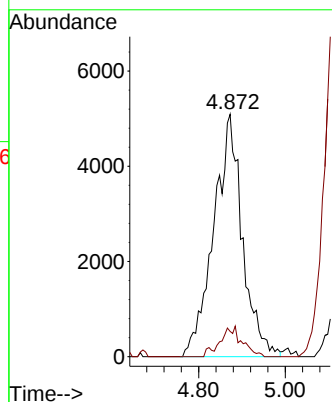
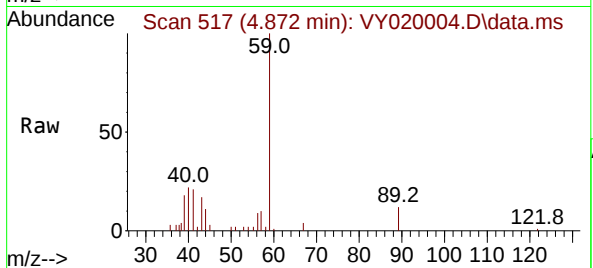




#11
Tert butyl alcohol
Concen: 93.291 ug/l
RT: 4.872 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

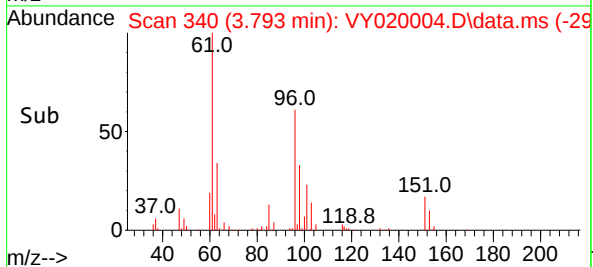
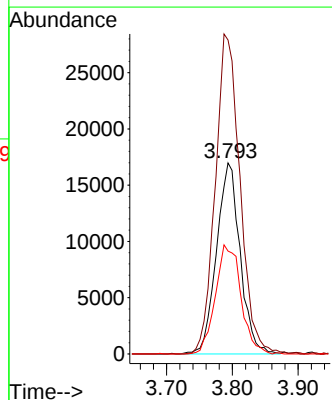
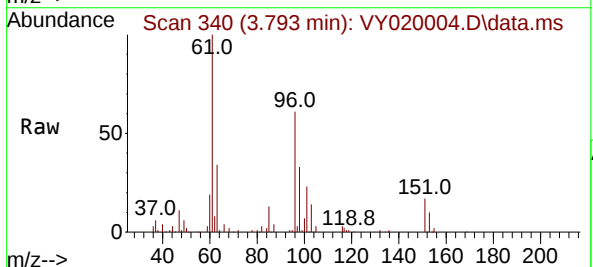
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 23439
Ion Ratio Lower Upper
59 100
57 8.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 17.533 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

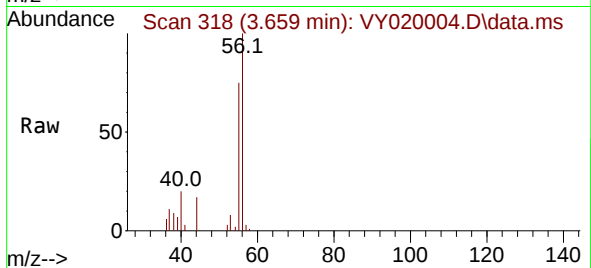
Tgt Ion: 96 Resp: 42376
Ion Ratio Lower Upper
96 100
61 164.4 114.6 171.8
98 53.9 50.8 76.2



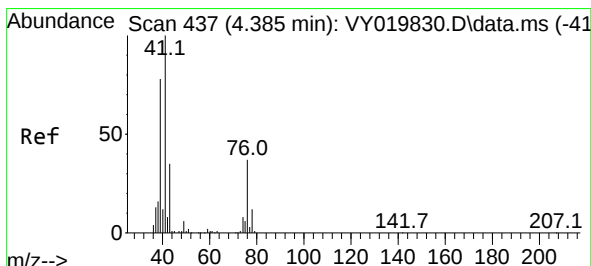
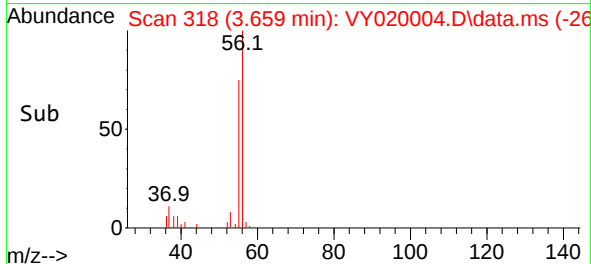
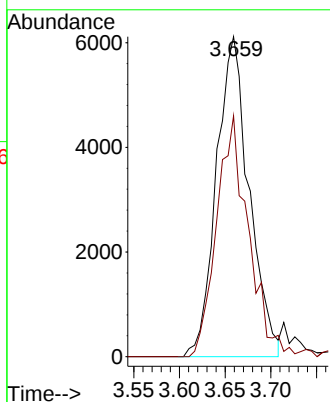


#13
Acrolein
Concen: 74.688 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Instrument :
MSVOA_Y
ClientSampleId :

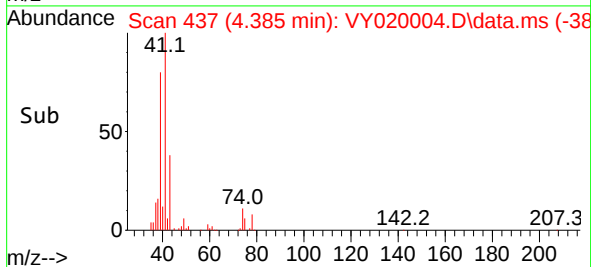
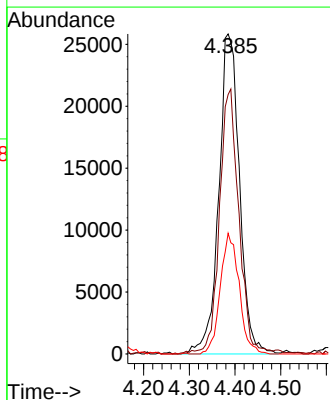
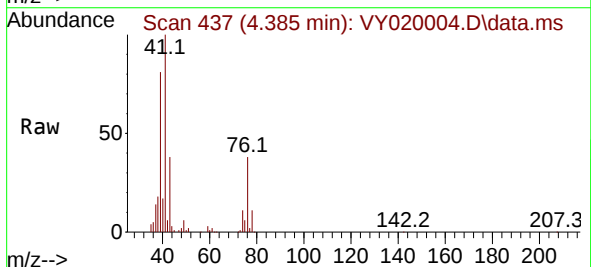


Tgt Ion: 56 Resp: 15224
Ion Ratio Lower Upper
56 100
55 73.1 55.7 83.5



#14
Allyl chloride
Concen: 18.676 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 41 Resp: 81443
Ion Ratio Lower Upper
41 100
39 77.4 58.3 87.5
76 34.3 39.0 58.6#

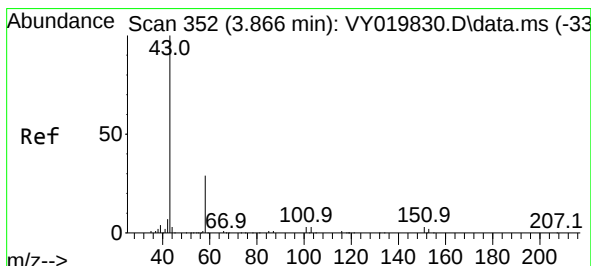
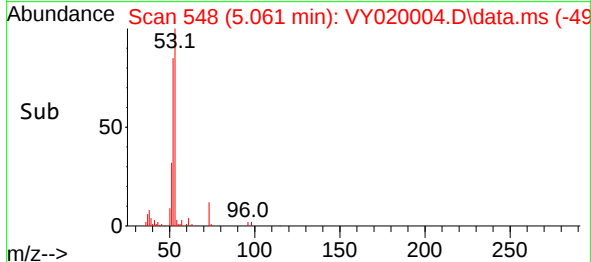
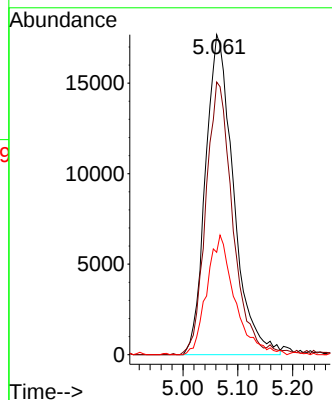
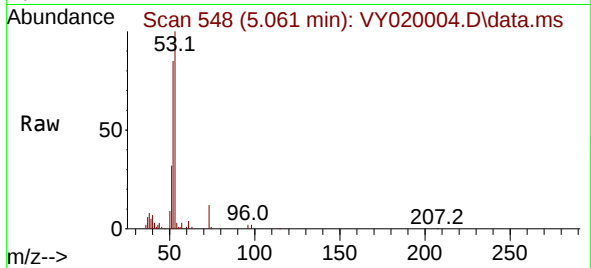




#15
Acrylonitrile
Concen: 100.861 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

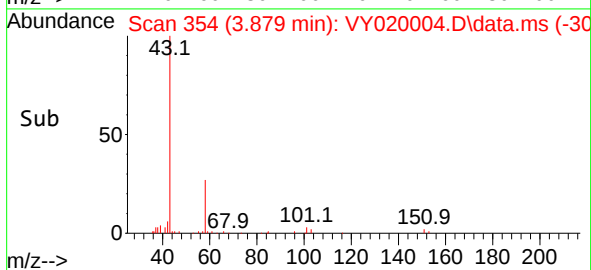
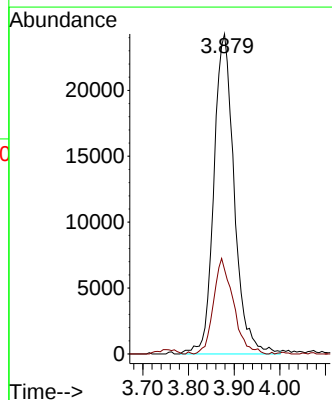
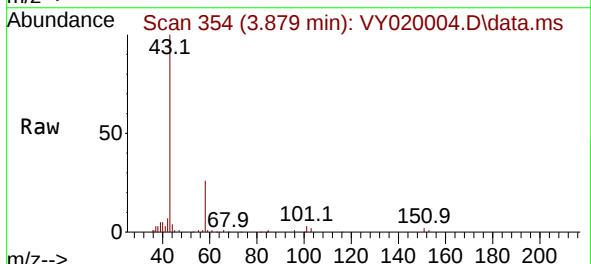
Instrument :
MSVOA_Y
ClientSampleId :

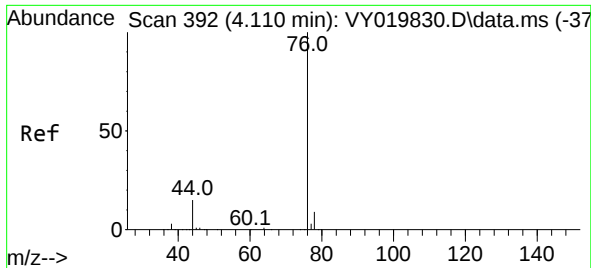
Tgt Ion: 53 Resp: 62668
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 104.245 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 43 Resp: 75278
Ion Ratio Lower Upper
43 100
58 26.0 31.7 47.5#

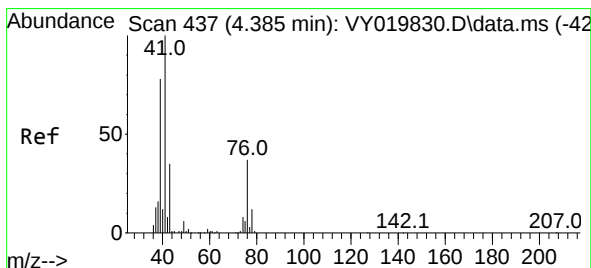
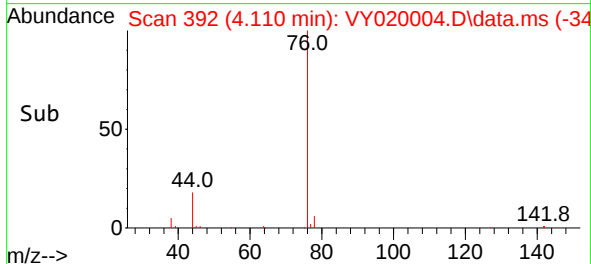
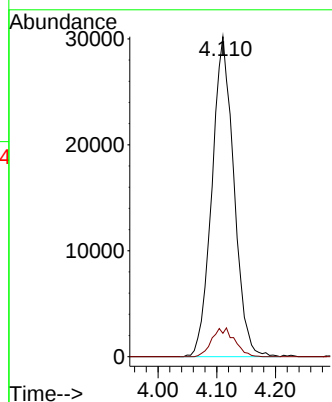
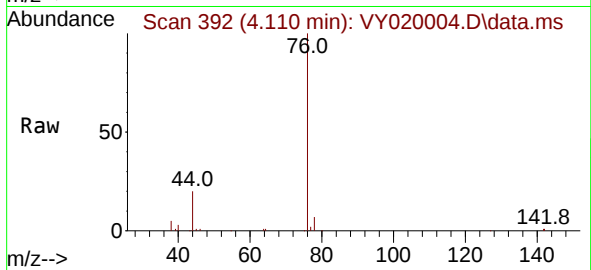




#17
Carbon Disulfide
Concen: 12.097 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

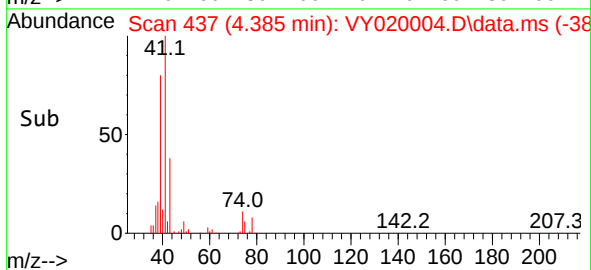
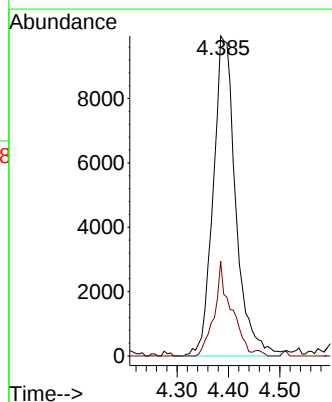
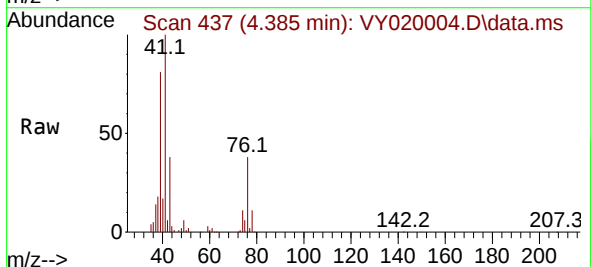
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 78370
Ion Ratio Lower Upper
76 100
78 7.3 6.8 10.2



#18
Methyl Acetate
Concen: 19.429 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 43 Resp: 30224
Ion Ratio Lower Upper
43 100
74 22.2 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 19.669 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

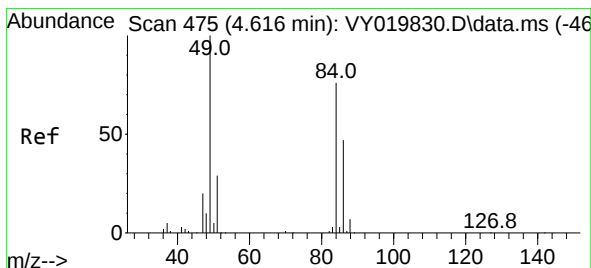
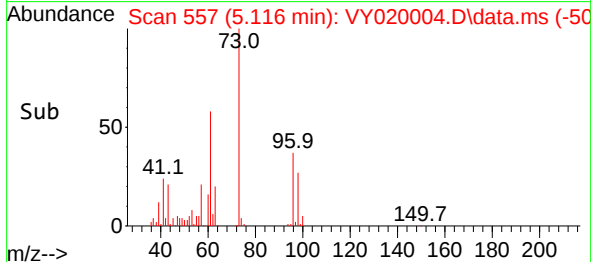
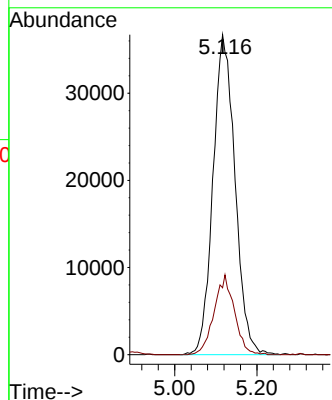
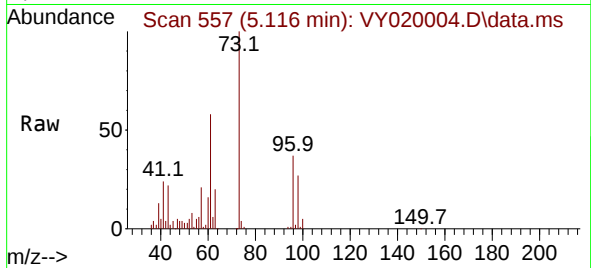
ClientSampleId :

Tgt Ion: 73 Resp: 136572

Ion Ratio Lower Upper

73 100

57 20.9 17.3 25.9



#20

Methylene Chloride

Concen: 19.208 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Tgt Ion: 84 Resp: 52575

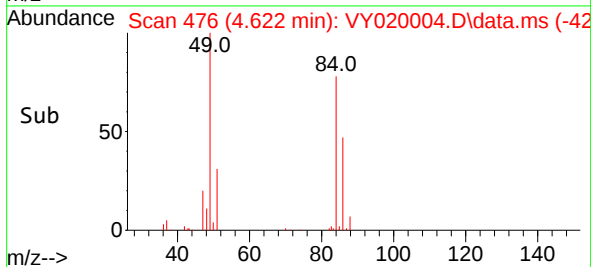
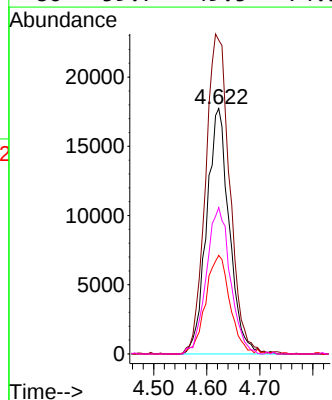
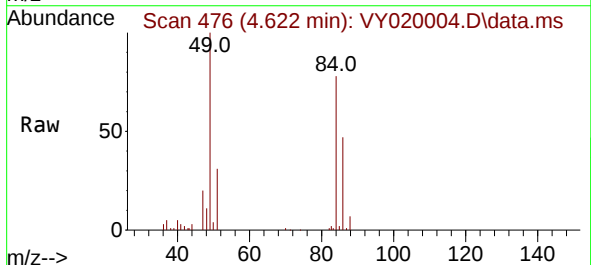
Ion Ratio Lower Upper

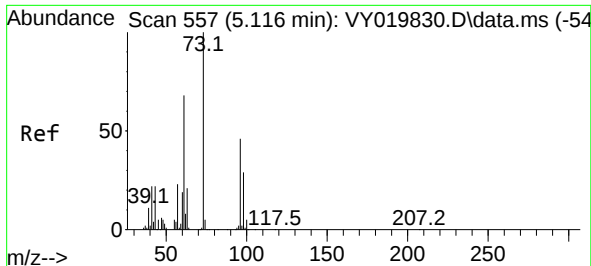
84 100

49 127.8 84.4 126.6#

51 40.2 26.0 39.0#

86 59.7 49.5 74.3

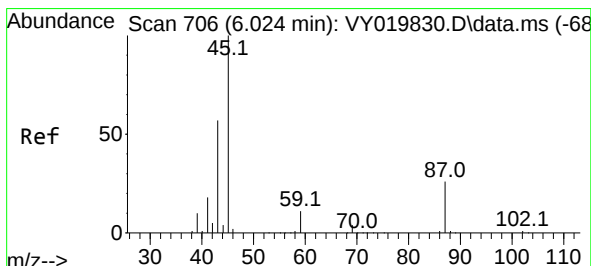
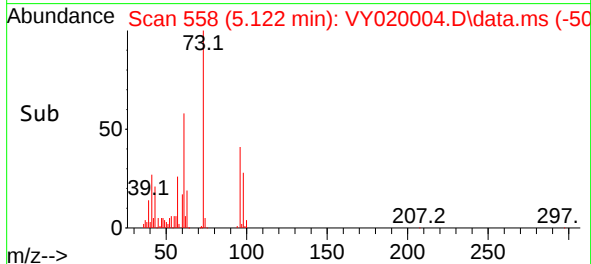
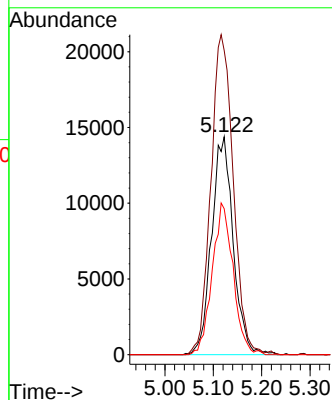
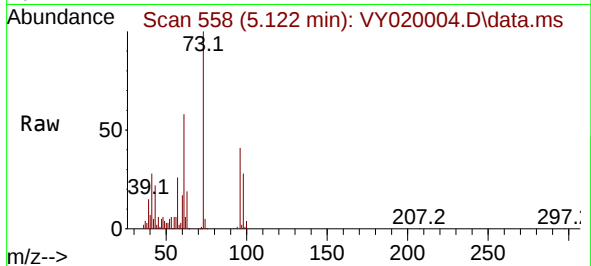




#21
trans-1,2-Dichloroethene
Concen: 16.990 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

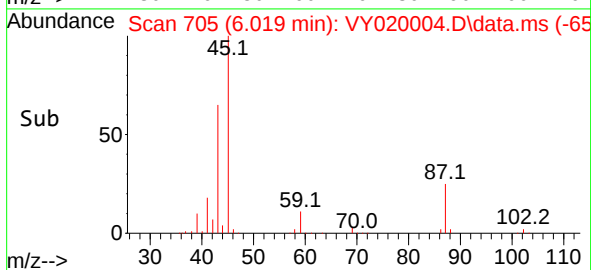
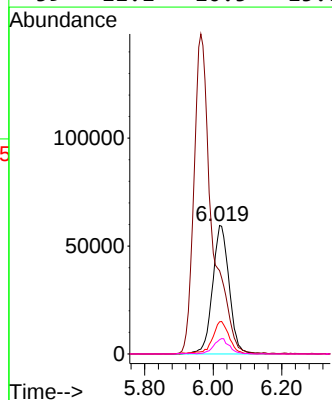
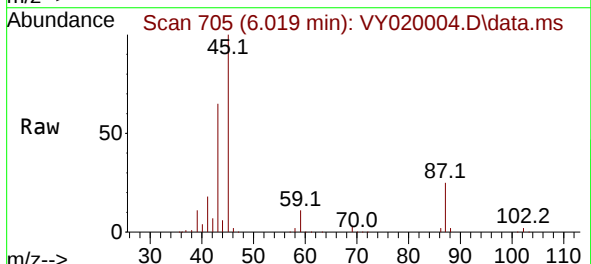
Instrument :
MSVOA_Y
ClientSampleId :

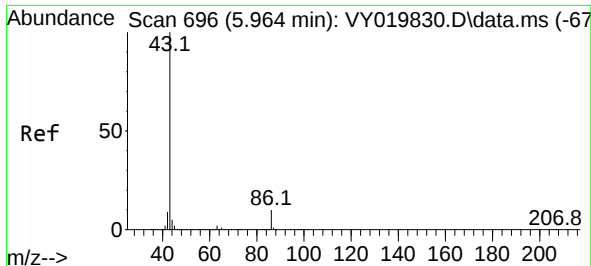
Tgt Ion: 96 Resp: 44693
Ion Ratio Lower Upper
96 100
61 139.5 97.5 146.3
98 66.9 50.5 75.7



#22
Diisopropyl ether
Concen: 21.063 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 45 Resp: 200077
Ion Ratio Lower Upper
45 100
43 64.5 42.2 63.2#
87 25.0 25.0 37.6#
59 11.1 10.5 15.7

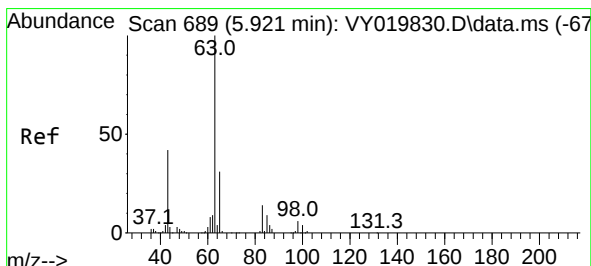
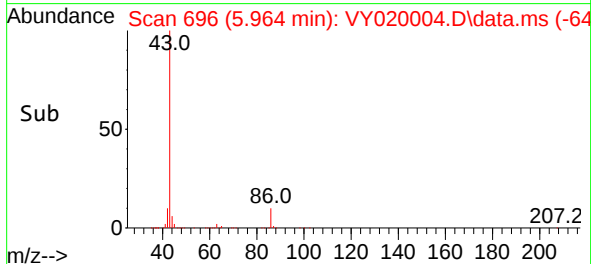
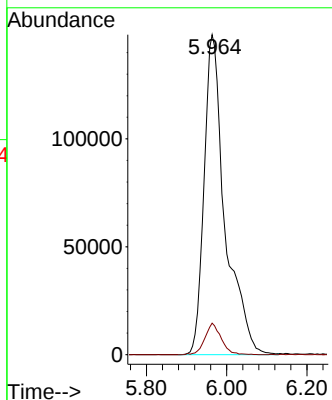
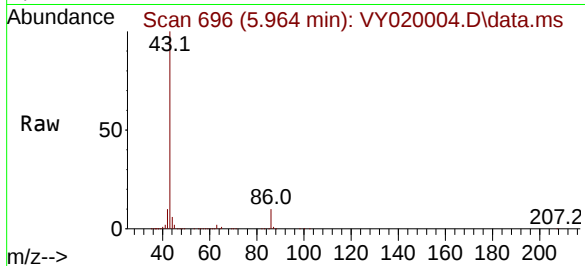




#23
 Vinyl Acetate
 Concen: 98.890 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020004.D
 Acq: 24 Oct 2024 12:06

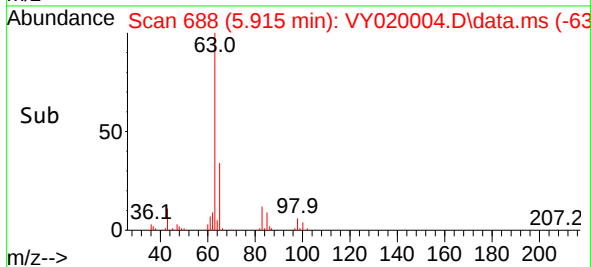
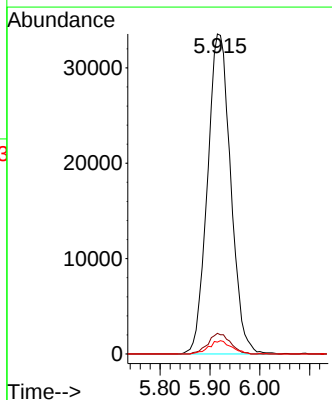
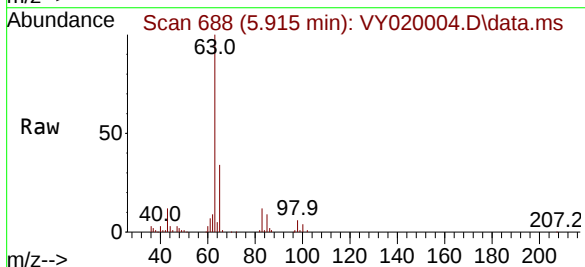
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 538507
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 20.557 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020004.D
 Acq: 24 Oct 2024 12:06

Tgt Ion: 63 Resp: 108546
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 3.7 2.6 8.0





#25

2-Butanone

Concen: 104.668 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

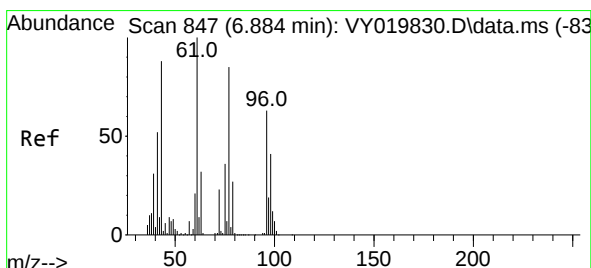
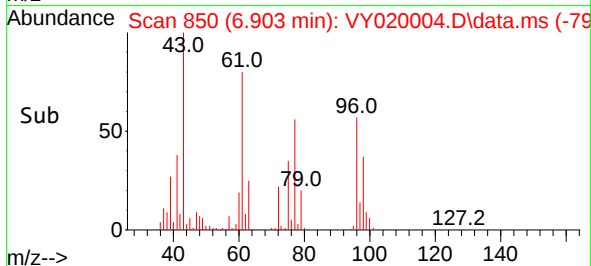
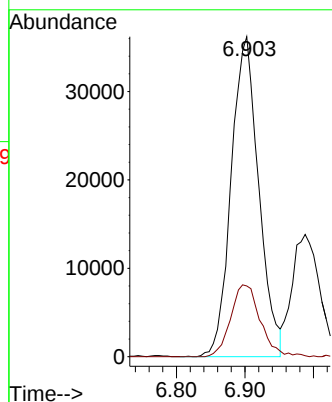
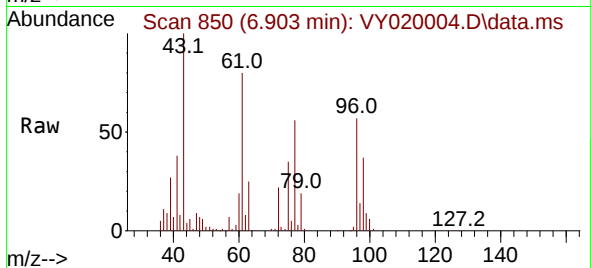
ClientSampleId :

Tgt Ion: 43 Resp: 101170

Ion Ratio Lower Upper

43 100

72 22.1 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 19.169 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY020004.D

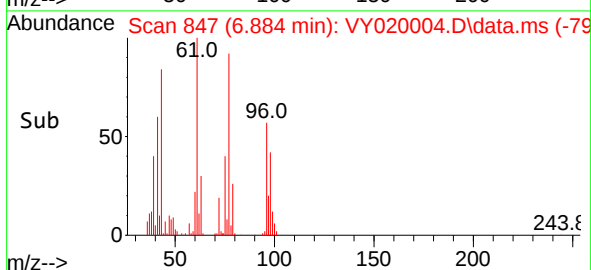
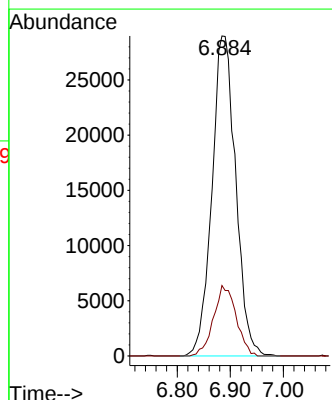
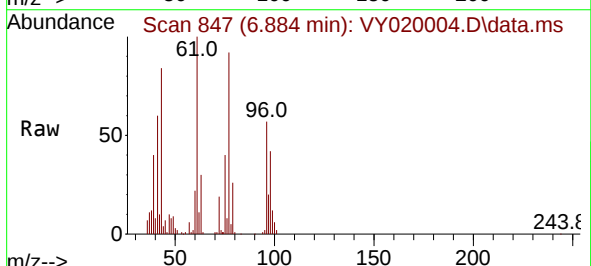
Acq: 24 Oct 2024 12:06

Tgt Ion: 77 Resp: 90139

Ion Ratio Lower Upper

77 100

97 21.0 12.0 36.1

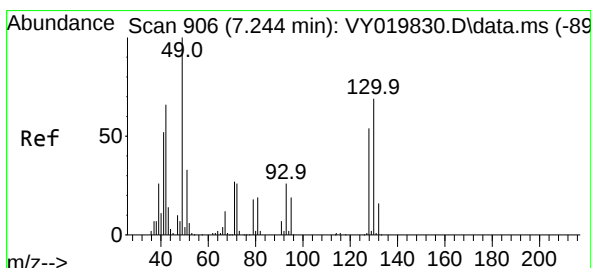
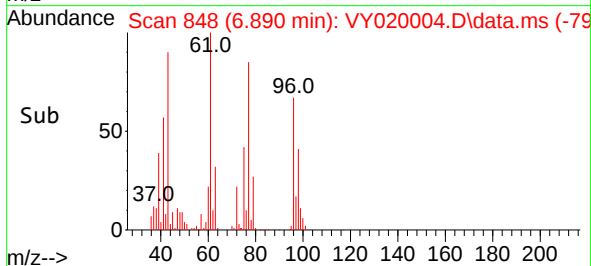
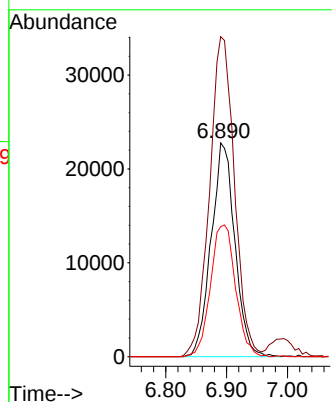
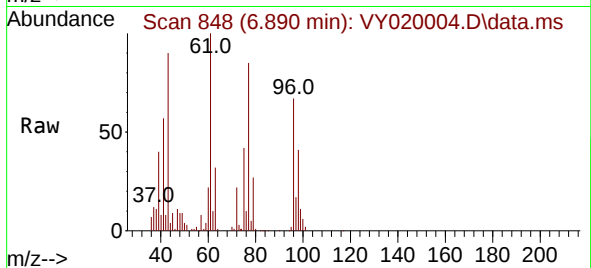




#27
 cis-1,2-Dichloroethene
 Concen: 18.927 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020004.D
 Acq: 24 Oct 2024 12:06

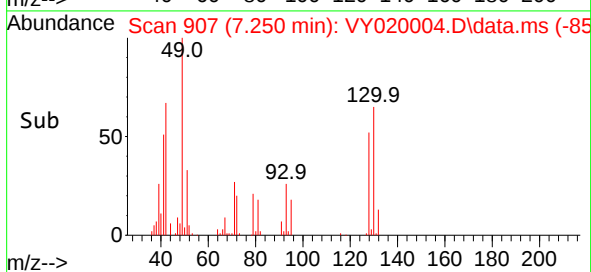
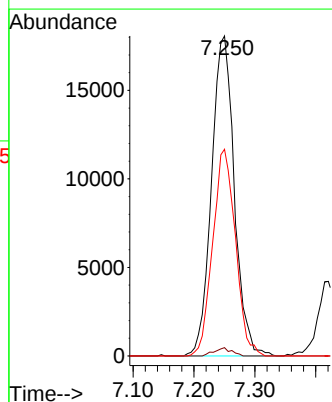
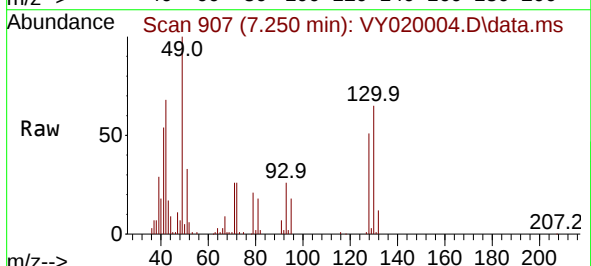
Instrument :
 MSVOA_Y
 ClientSampleId :

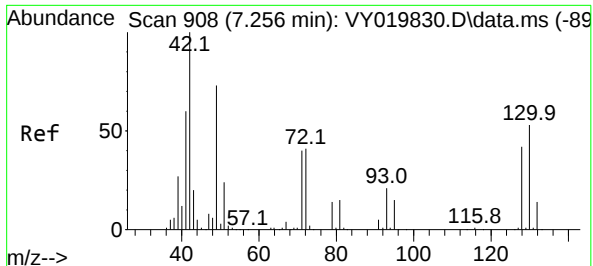
Tgt Ion: 96 Resp: 61528
 Ion Ratio Lower Upper
 96 100
 61 157.0 0.0 256.2
 98 65.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.227 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020004.D
 Acq: 24 Oct 2024 12:06

Tgt Ion: 49 Resp: 47008
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 64.5 72.7 109.1#





#29

Tetrahydrofuran

Concen: 98.208 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

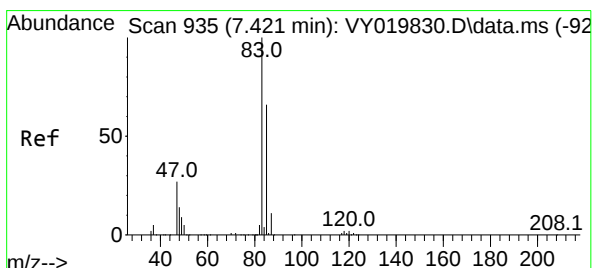
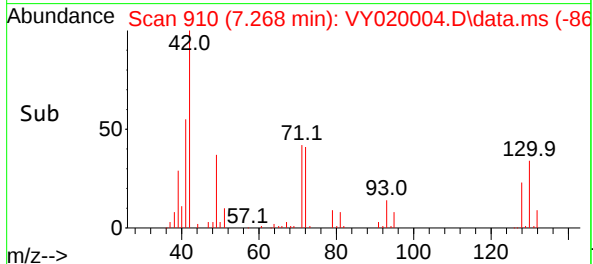
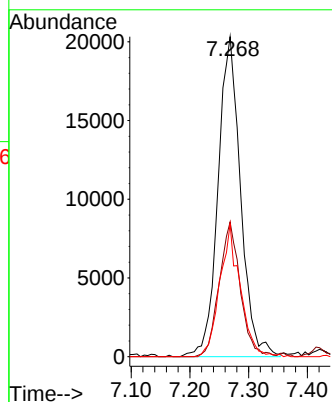
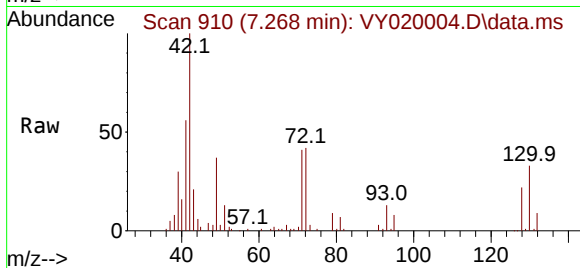
Tgt Ion: 42 Resp: 54201

Ion Ratio Lower Upper

42 100

72 39.4 43.0 64.4#

71 37.6 40.8 61.2#



#30

Chloroform

Concen: 21.048 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020004.D

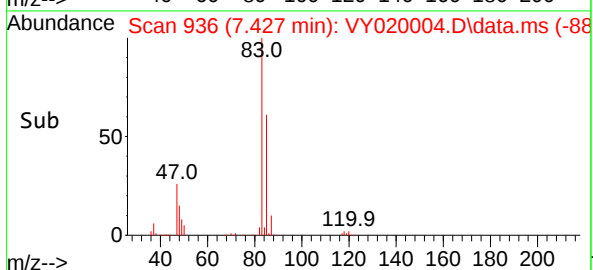
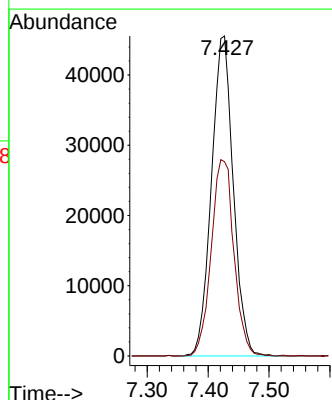
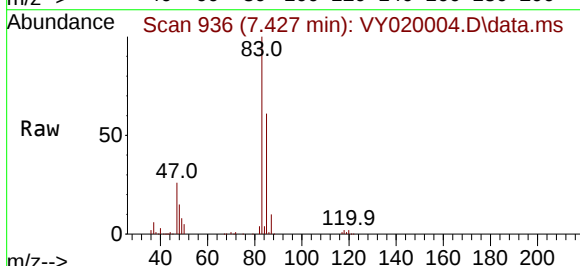
Acq: 24 Oct 2024 12:06

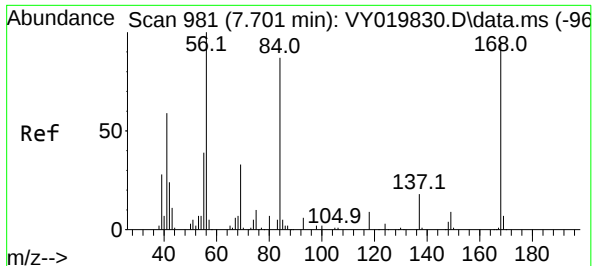
Tgt Ion: 83 Resp: 113294

Ion Ratio Lower Upper

83 100

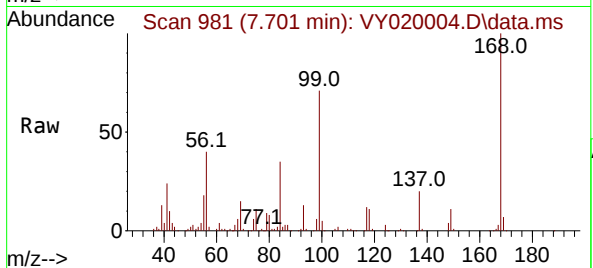
85 60.7 52.2 78.4



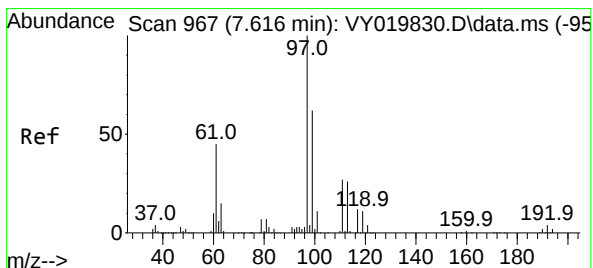
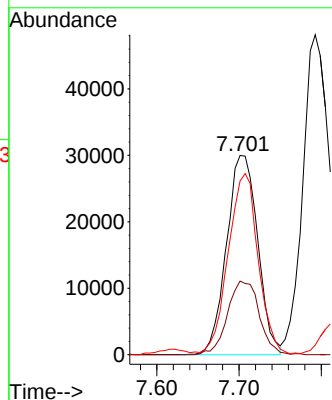
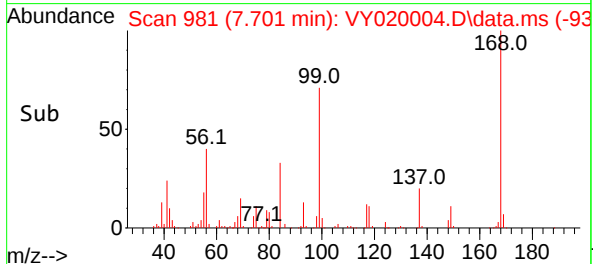


#31
Cyclohexane
Concen: 17.059 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Instrument :
MSVOA_Y
ClientSampleId :

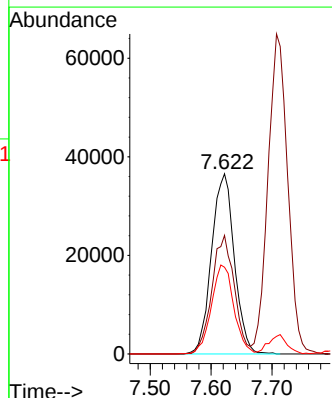
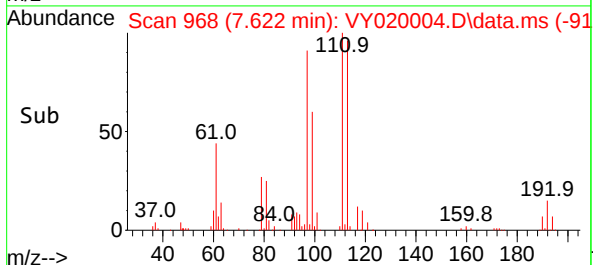
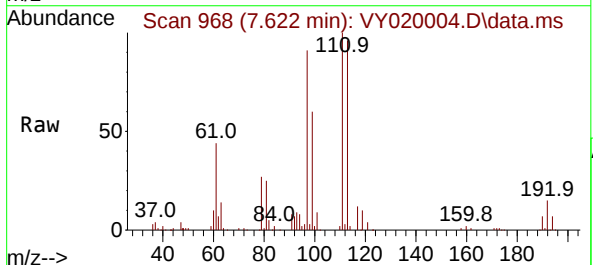


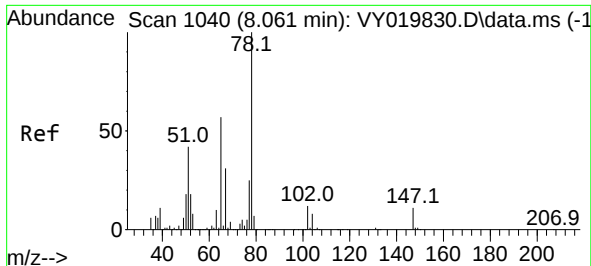
Tgt Ion: 56 Resp: 79071
Ion Ratio Lower Upper
56 100
69 36.9 28.7 43.1
84 84.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.167 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 97 Resp: 95128
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 48.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.301 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

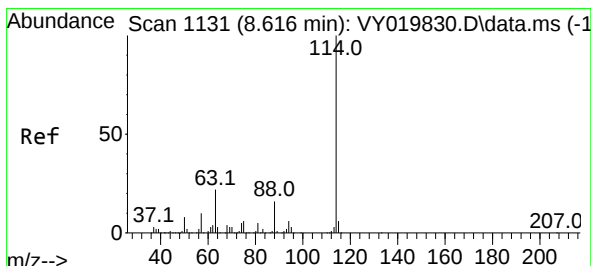
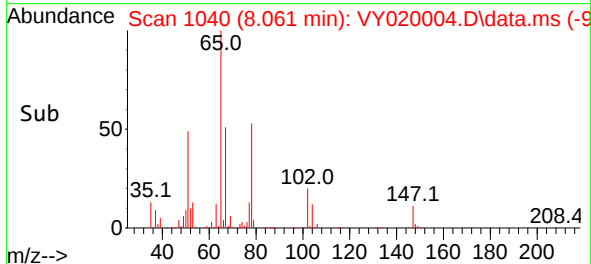
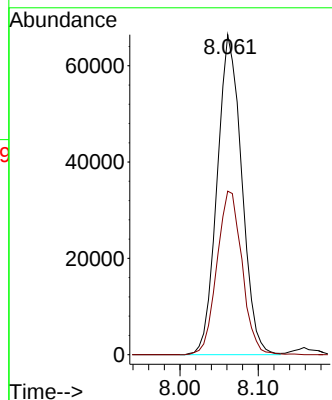
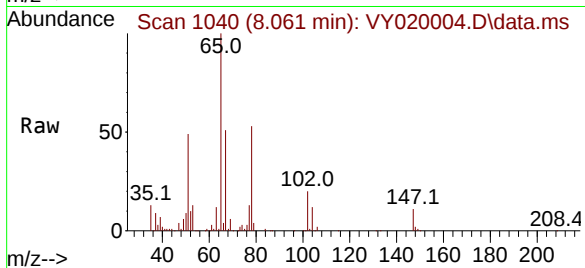
ClientSampleId :

Tgt Ion: 65 Resp: 145085

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

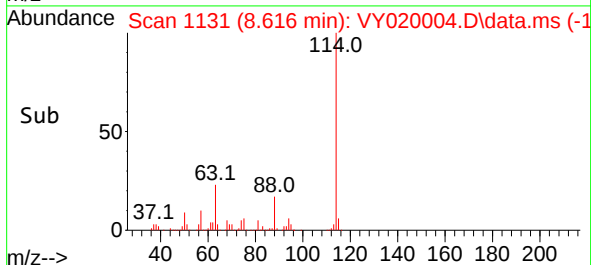
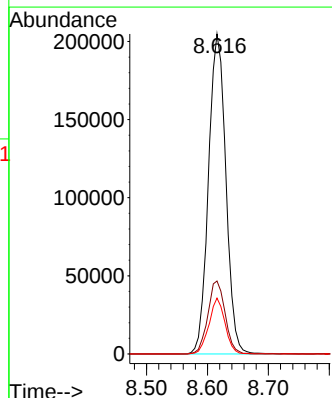
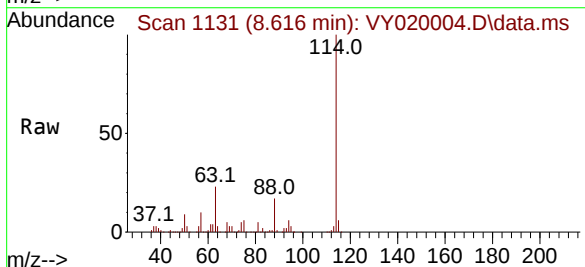
Tgt Ion: 114 Resp: 405827

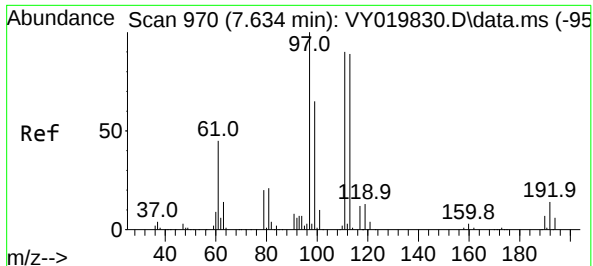
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

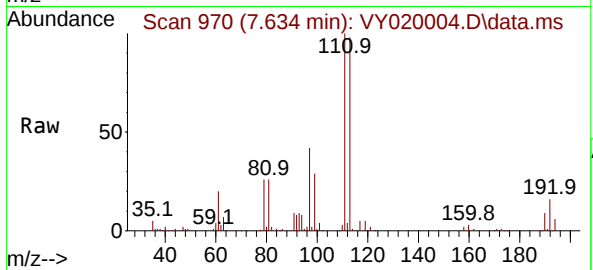
88 17.5 0.0 27.2



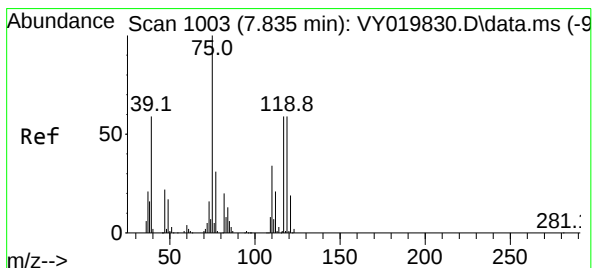
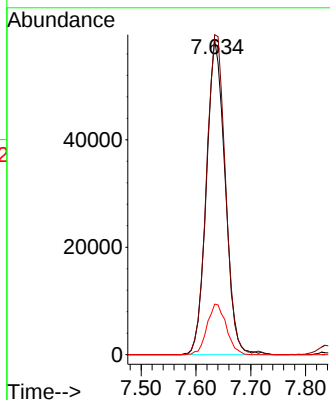
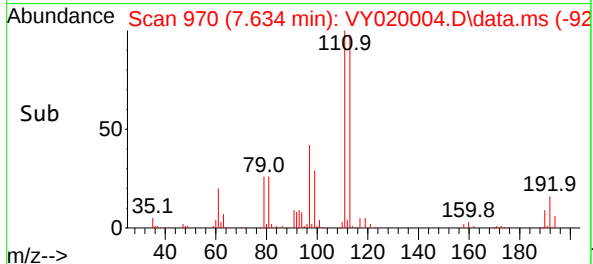


#35
Dibromofluoromethane
Concen: 51.717 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

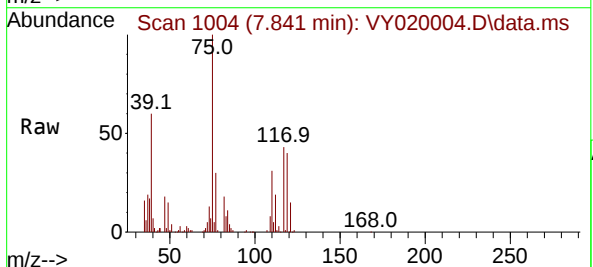
Instrument :
MSVOA_Y
ClientSampleId :



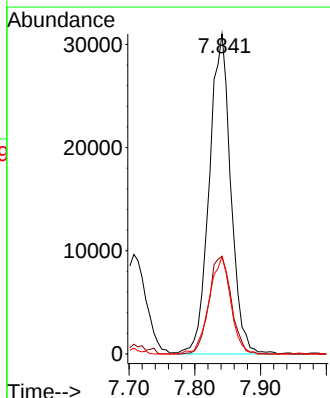
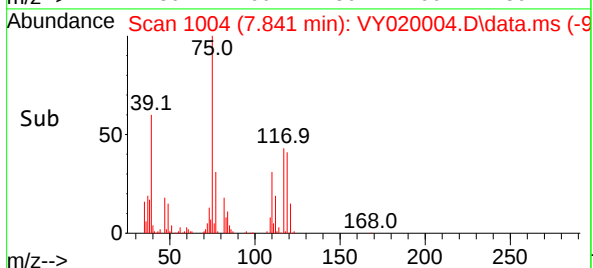
Tgt Ion:113 Resp: 138500
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 16.5 15.9 23.9

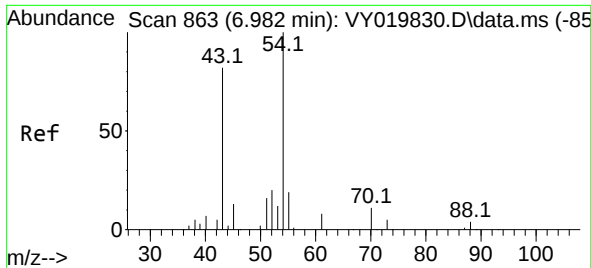


#36
1,1-Dichloropropene
Concen: 18.310 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06



Tgt Ion: 75 Resp: 70641
Ion Ratio Lower Upper
75 100
110 31.7 19.0 57.0
77 30.4 25.3 37.9





#37

Ethyl Acetate

Concen: 19.187 ug/l

RT: 6.988 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

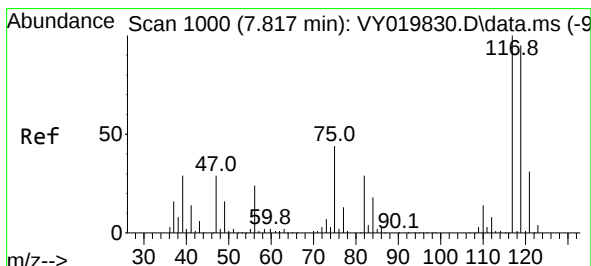
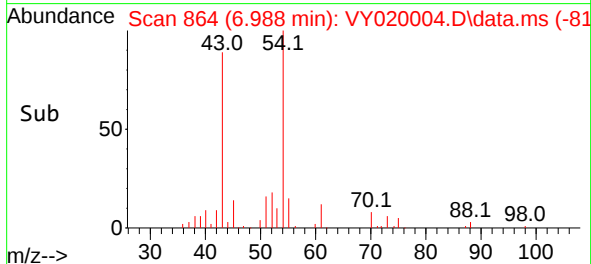
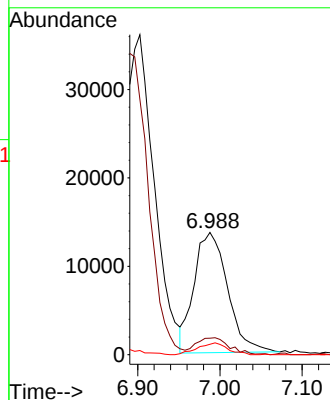
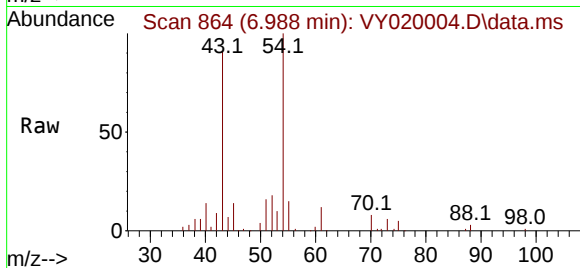
Tgt Ion: 43 Resp: 38601

Ion Ratio Lower Upper

43 100

61 14.1 12.6 19.0

70 8.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.944 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

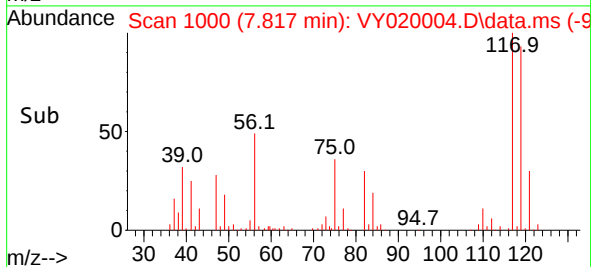
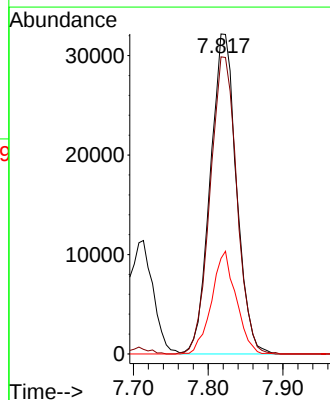
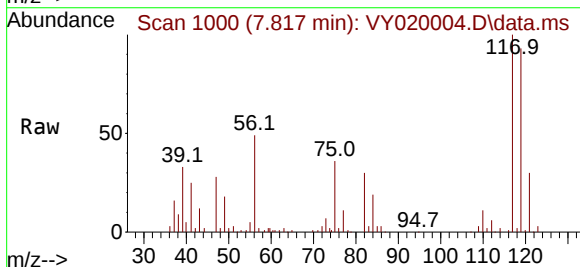
Tgt Ion: 117 Resp: 78353

Ion Ratio Lower Upper

117 100

119 92.9 75.8 113.6

121 29.8 24.0 36.0





#39

Methylcyclohexane

Concen: 16.330 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

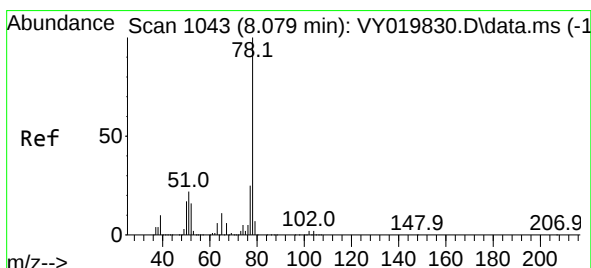
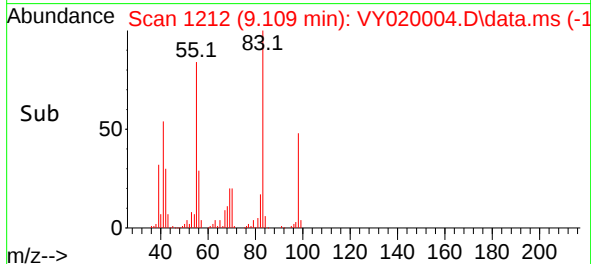
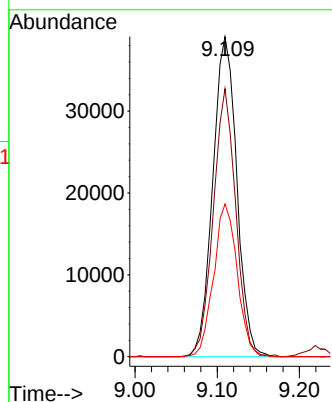
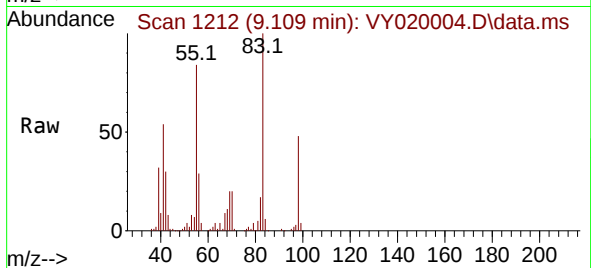
Tgt Ion: 83 Resp: 79386

Ion Ratio Lower Upper

83 100

55 83.7 51.5 77.3#

98 47.7 40.5 60.7



#40

Benzene

Concen: 18.462 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020004.D

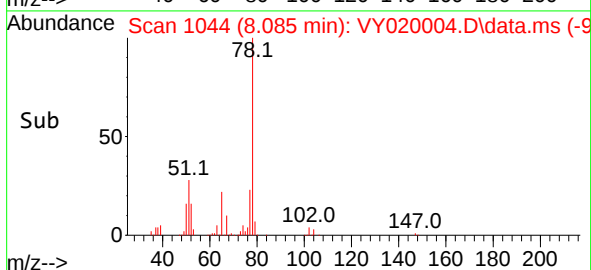
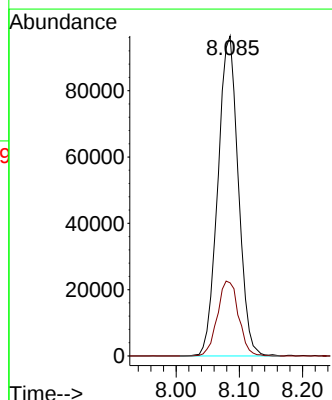
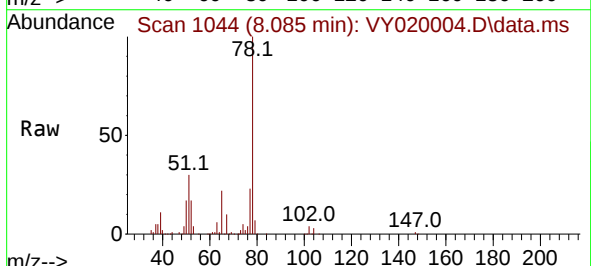
Acq: 24 Oct 2024 12:06

Tgt Ion: 78 Resp: 215567

Ion Ratio Lower Upper

78 100

77 22.8 19.5 29.3

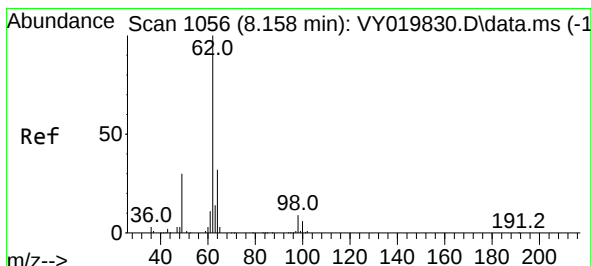
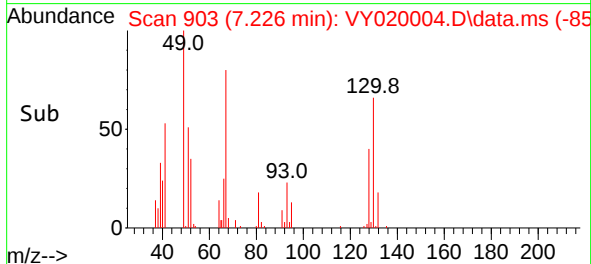
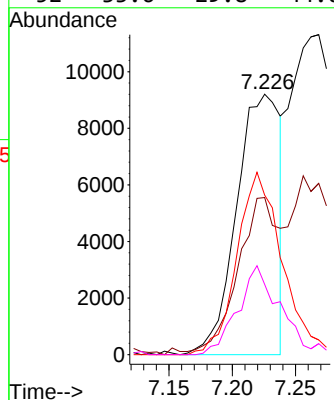
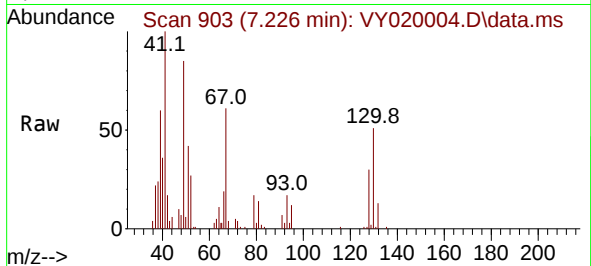




#41
Methacrylonitrile
Concen: 20.270 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

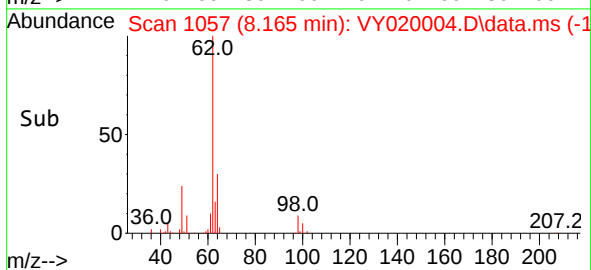
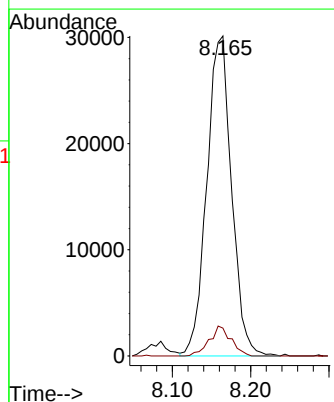
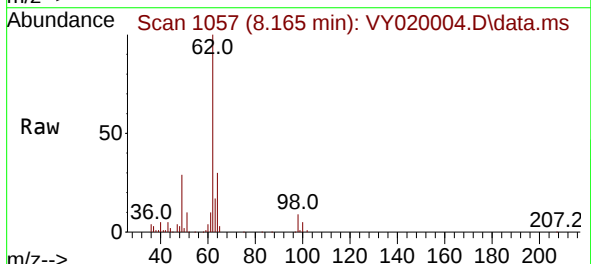
Instrument :
MSVOA_Y
ClientSampleId :

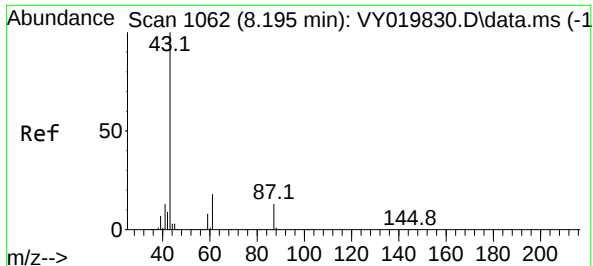
Tgt Ion: 41 Resp: 22071
Ion Ratio Lower Upper
41 100
39 54.3 48.0 72.0
67 74.0 75.1 112.7#
52 33.6 29.8 44.6



#42
1,2-Dichloroethane
Concen: 19.748 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 62 Resp: 66246
Ion Ratio Lower Upper
62 100
98 8.2 0.0 22.0

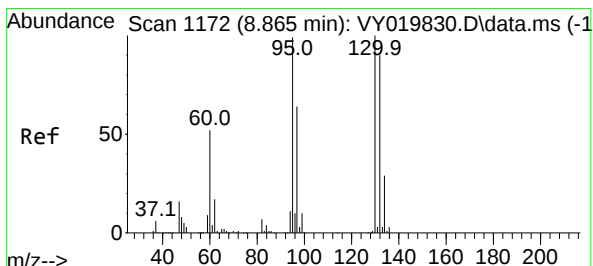
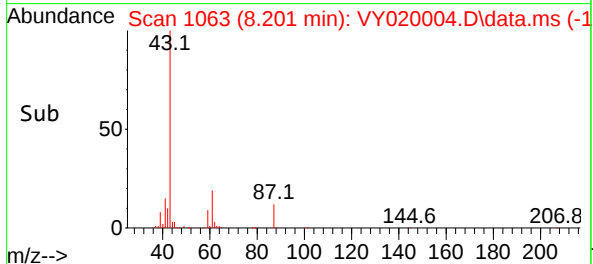
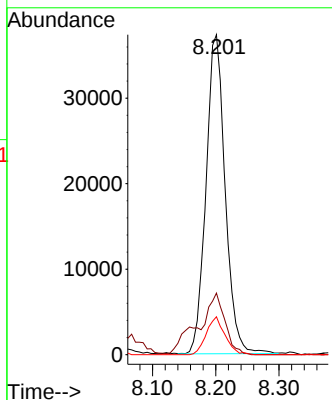
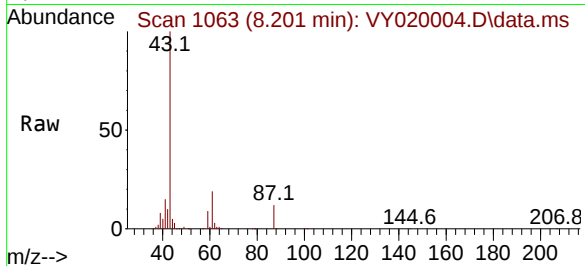




#43
Isopropyl Acetate
Concen: 19.179 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

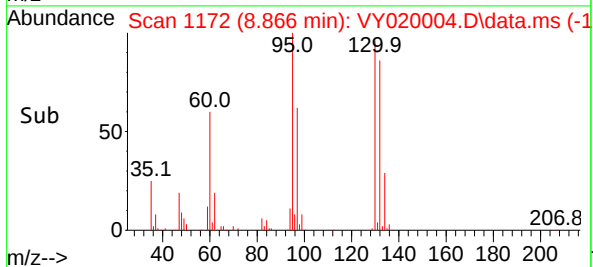
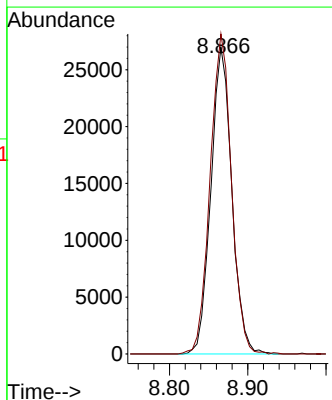
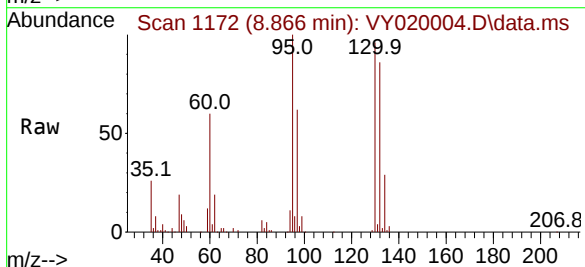
Instrument :
MSVOA_Y
ClientSampleId :

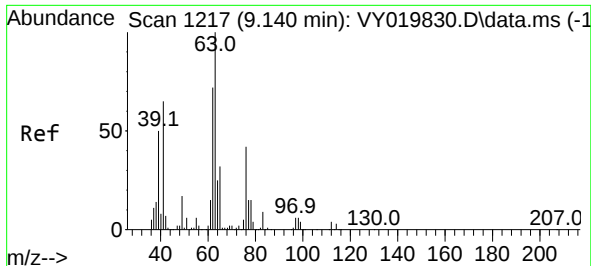
Tgt Ion: 43 Resp: 78688
Ion Ratio Lower Upper
43 100
61 17.8 27.9 41.9#
87 11.6 13.1 19.7#



#44
Trichloroethene
Concen: 17.696 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion:130 Resp: 50044
Ion Ratio Lower Upper
130 100
95 104.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.813 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

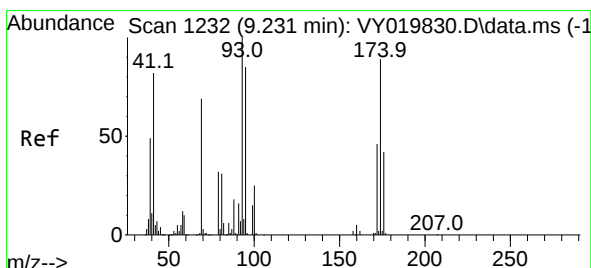
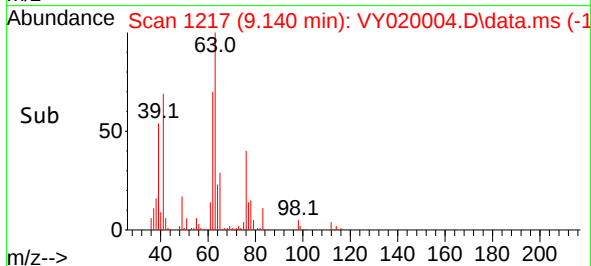
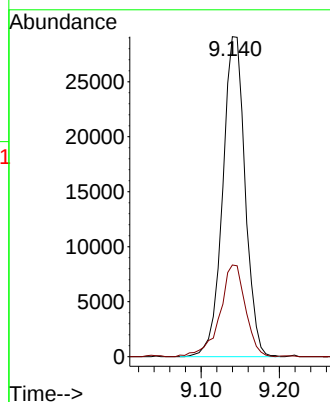
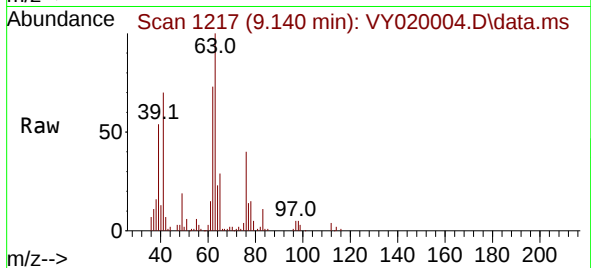
ClientSampleId :

Tgt Ion: 63 Resp: 57904

Ion Ratio Lower Upper

63 100

65 28.4 25.4 38.2



#46

Dibromomethane

Concen: 18.651 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

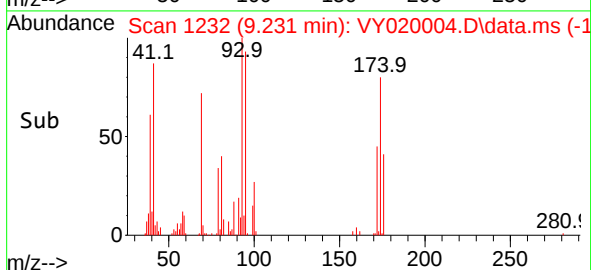
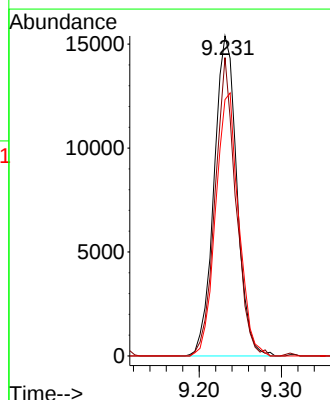
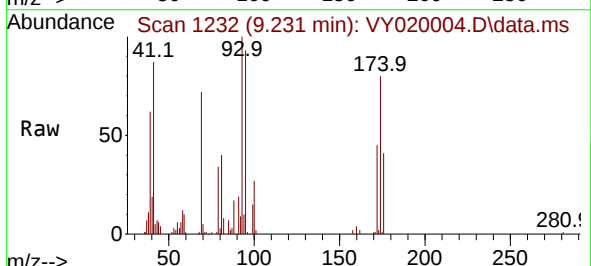
Tgt Ion: 93 Resp: 29781

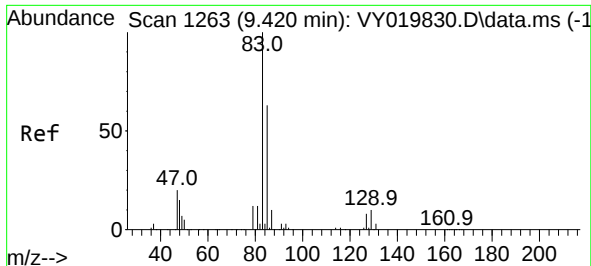
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 82.6 80.9 121.3

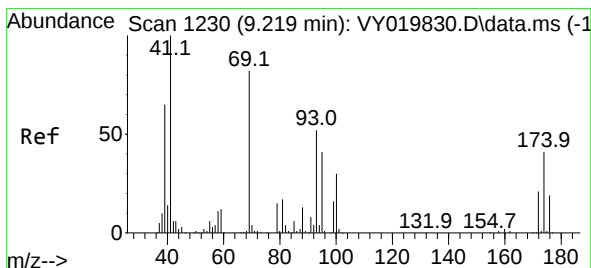
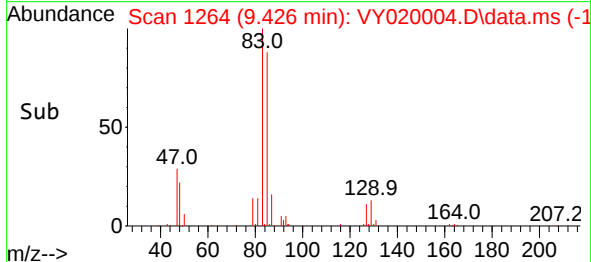
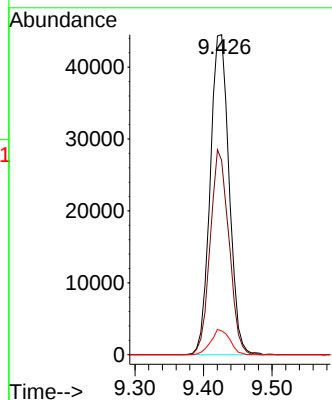
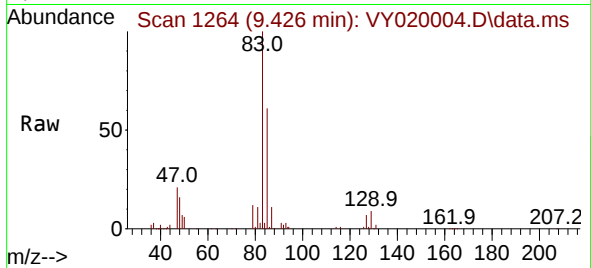




#47
Bromodichloromethane
Concen: 20.089 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

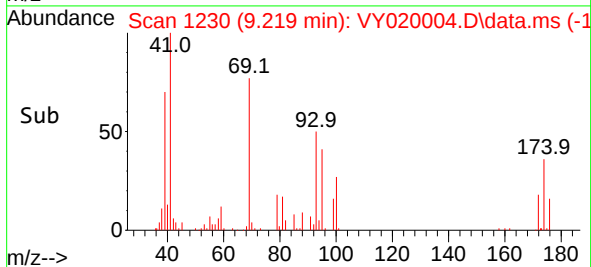
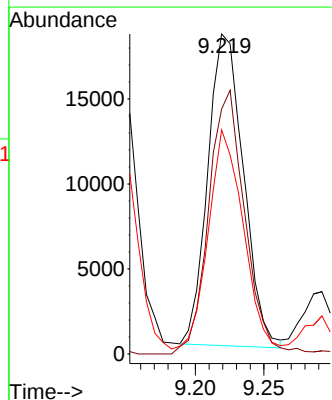
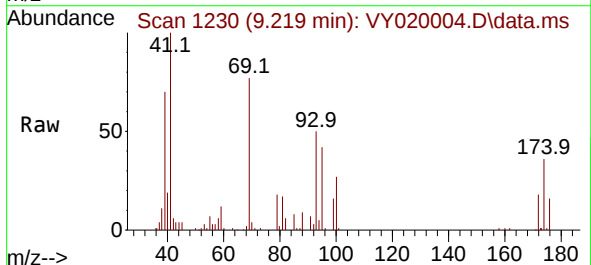
Instrument :
MSVOA_Y
ClientSampleId :

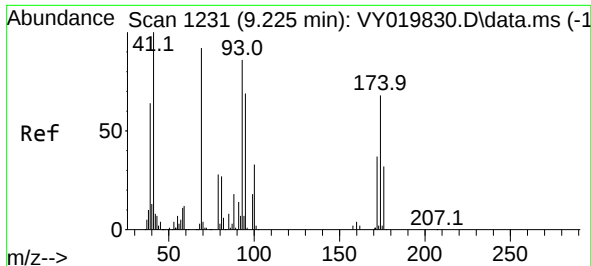
Tgt Ion: 83 Resp: 85144
Ion Ratio Lower Upper
83 100
85 60.7 50.1 75.1
127 7.4 7.4 11.0



#48
Methyl methacrylate
Concen: 18.398 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 41 Resp: 33204
Ion Ratio Lower Upper
41 100
69 85.5 84.1 126.1
39 69.8 43.6 65.4





#49

1,4-Dioxane

Concen: 347.374 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

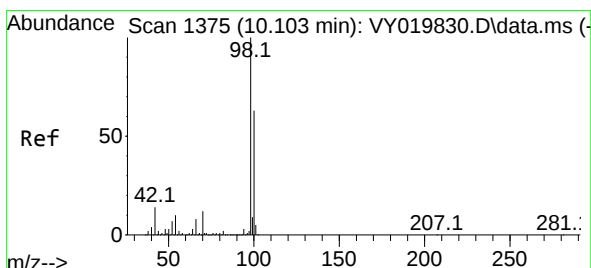
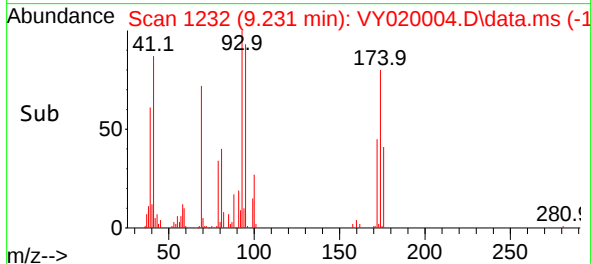
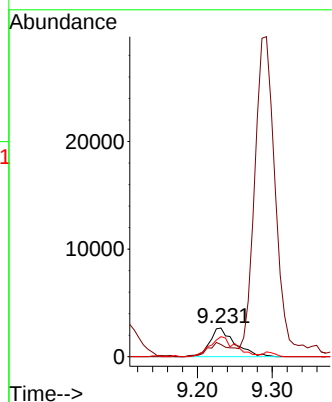
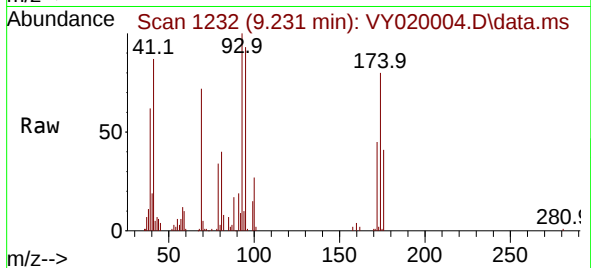
Tgt Ion: 88 Resp: 6208

Ion Ratio Lower Upper

88 100

43 42.6 0.0 0.0#

58 72.5 49.3 73.9



#50

Toluene-d8

Concen: 49.613 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020004.D

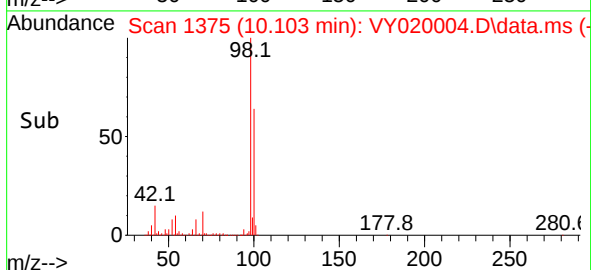
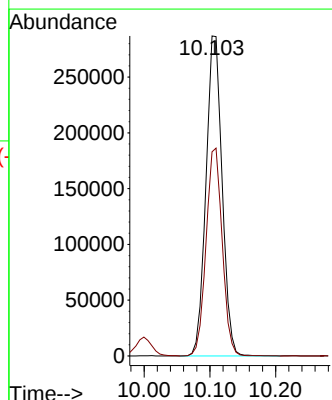
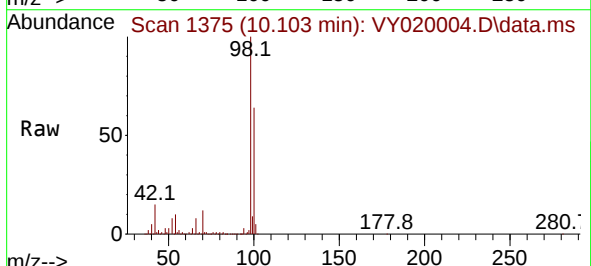
Acq: 24 Oct 2024 12:06

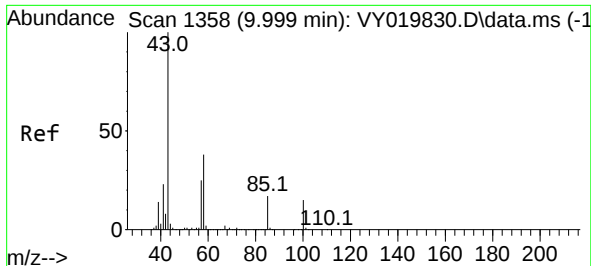
Tgt Ion: 98 Resp: 490649

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 100.342 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

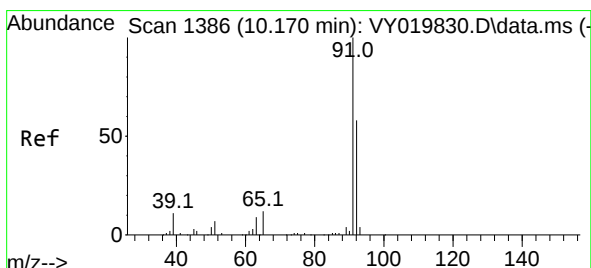
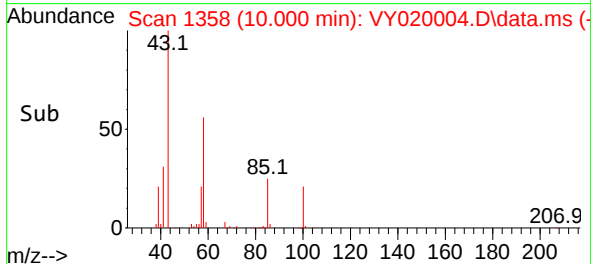
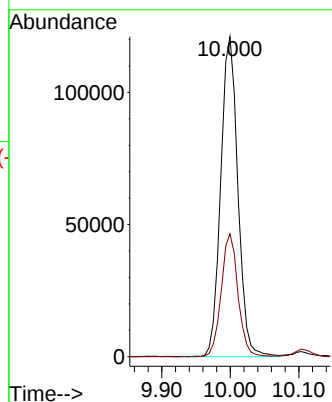
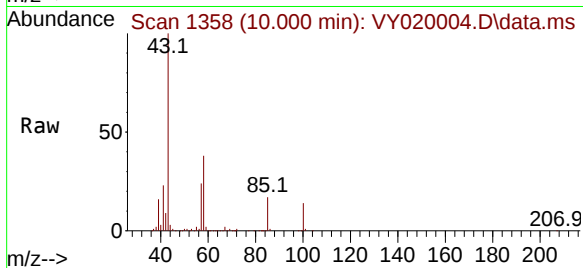
ClientSampleId :

Tgt Ion: 43 Resp: 209987

Ion Ratio Lower Upper

43 100

58 37.4 35.7 53.5



#52

Toluene

Concen: 18.331 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020004.D

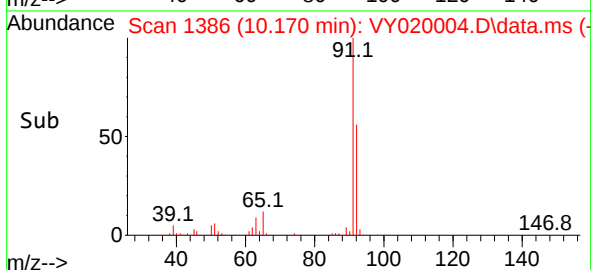
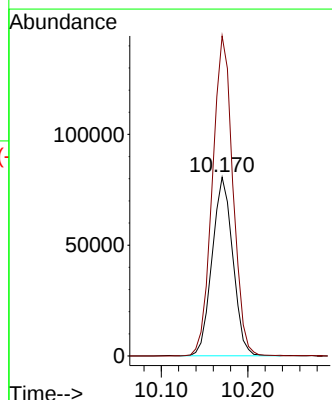
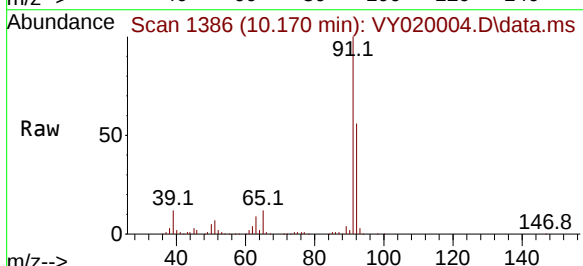
Acq: 24 Oct 2024 12:06

Tgt Ion: 92 Resp: 133608

Ion Ratio Lower Upper

92 100

91 178.2 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 17.980 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

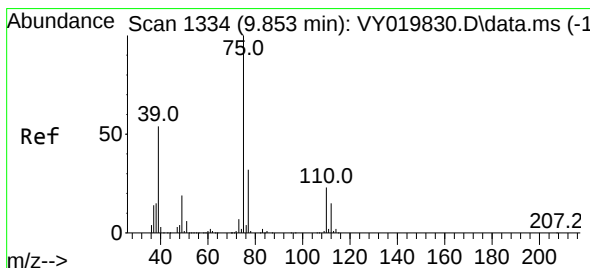
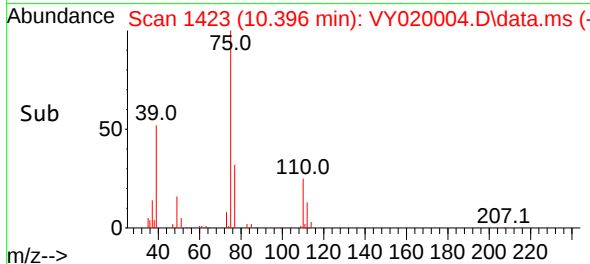
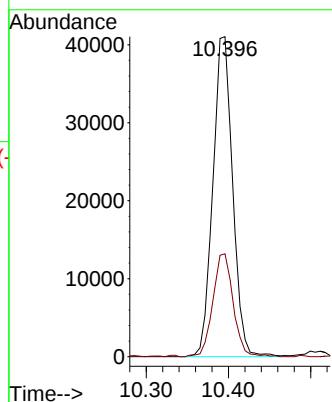
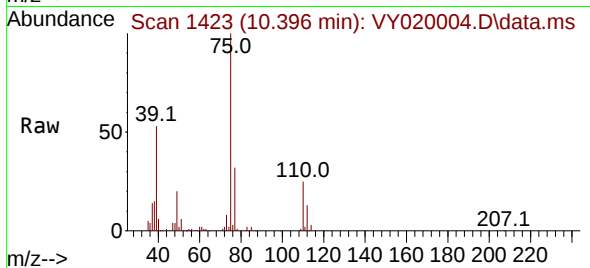
ClientSampleId :

Tgt Ion: 75 Resp: 68565

Ion Ratio Lower Upper

75 100

77 32.2 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.702 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

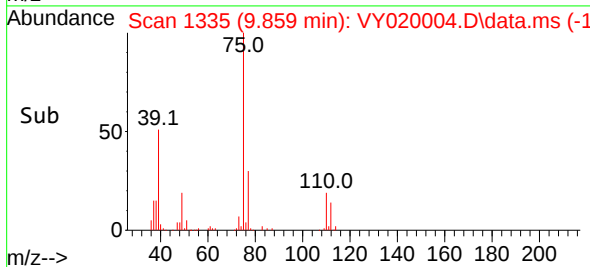
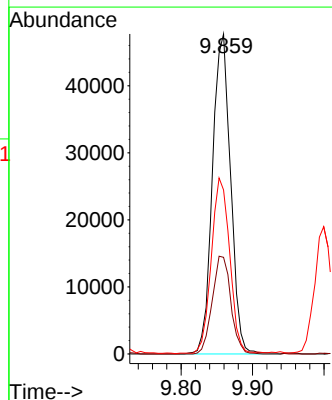
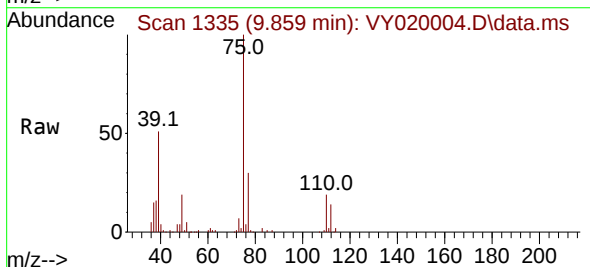
Tgt Ion: 75 Resp: 84152

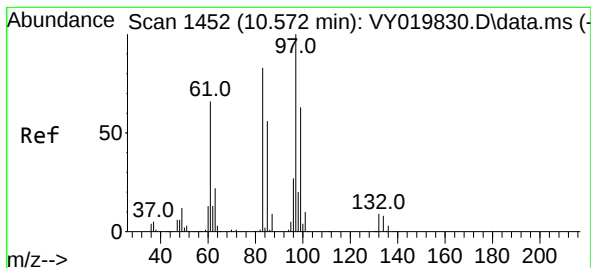
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 51.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.146 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

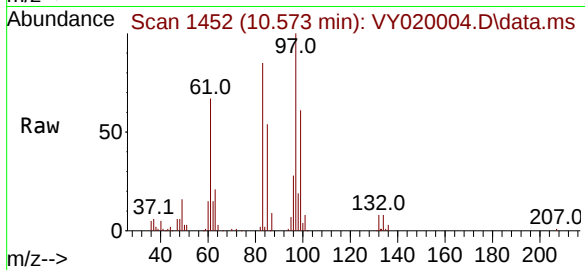
Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 42382

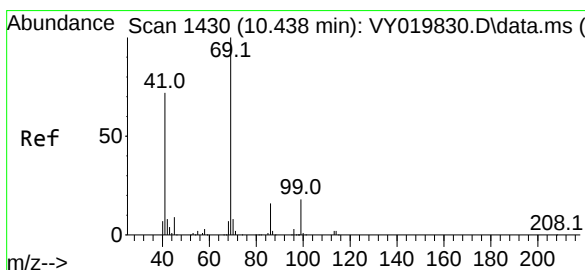
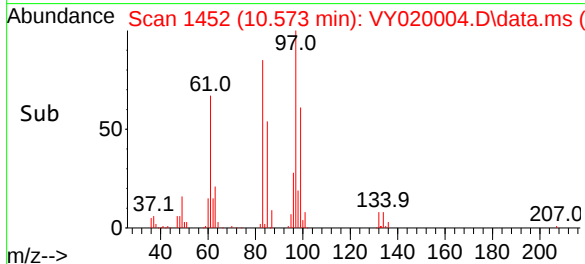
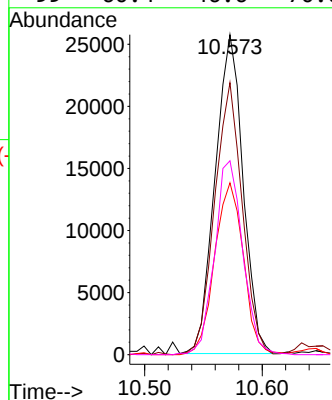
Ion Ratio Lower Upper

97 100

83 85.0 67.5 101.3

85 53.9 42.9 64.3

99 60.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.210 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

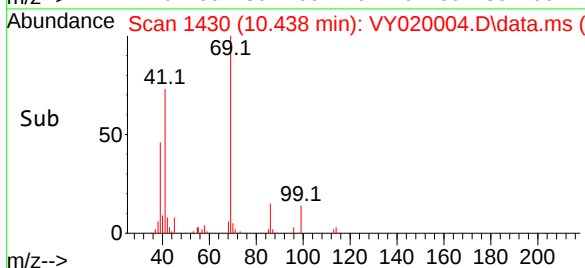
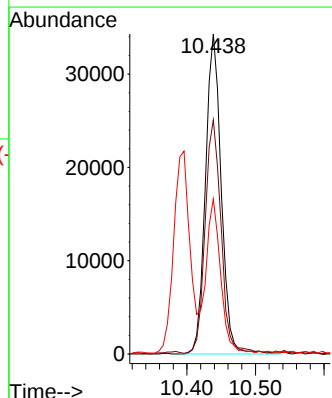
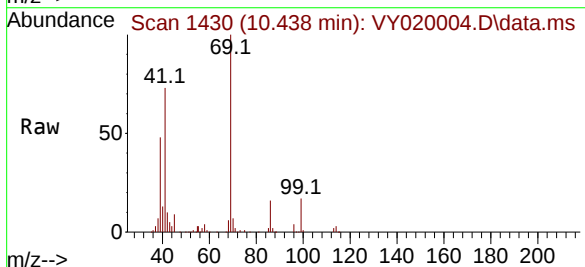
Tgt Ion: 69 Resp: 54970

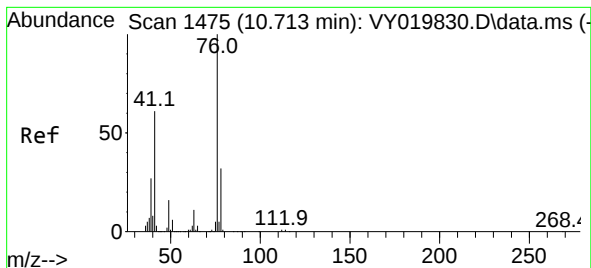
Ion Ratio Lower Upper

69 100

41 73.6 42.3 63.5#

39 45.1 22.9 34.3#

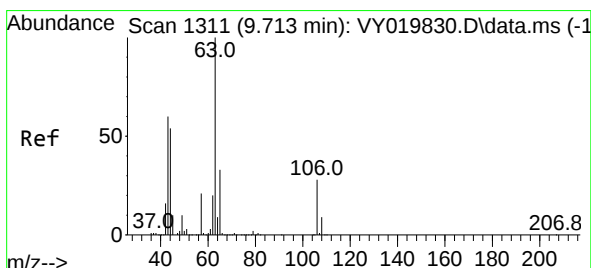
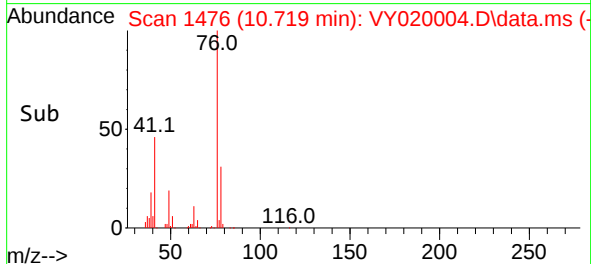
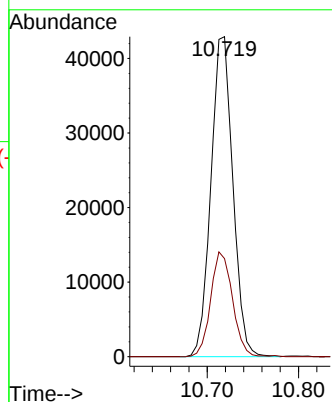
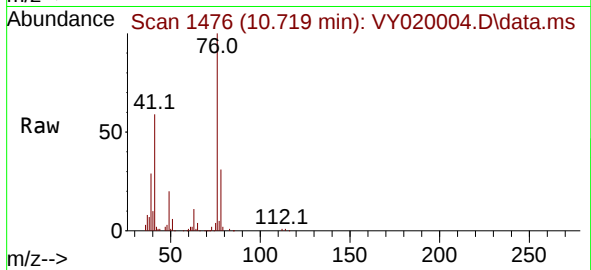




#57
1,3-Dichloropropane
Concen: 19.354 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

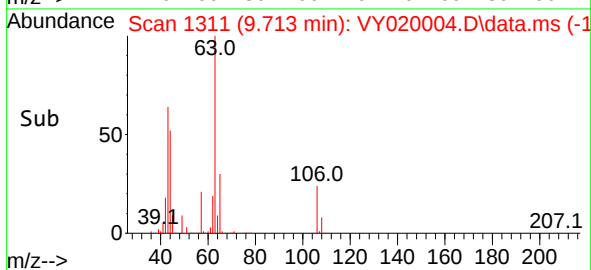
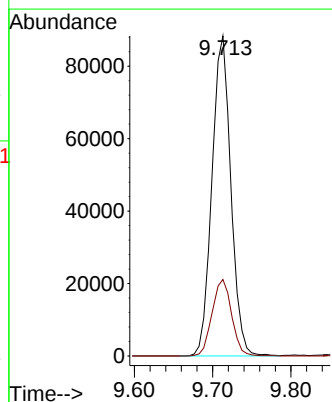
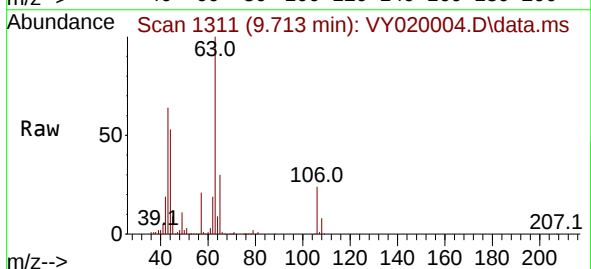
Instrument :
MSVOA_Y
ClientSampleId :

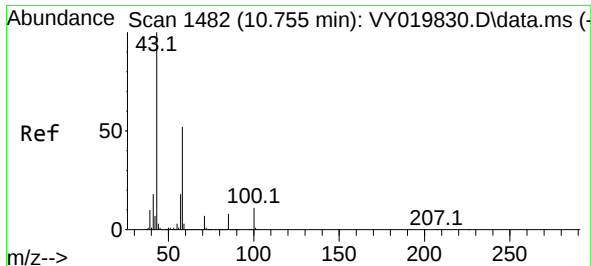
Tgt Ion: 76 Resp: 71502
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.369 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 63 Resp: 148071
Ion Ratio Lower Upper
63 100
106 24.7 23.7 35.5





#59

2-Hexanone

Concen: 100.976 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

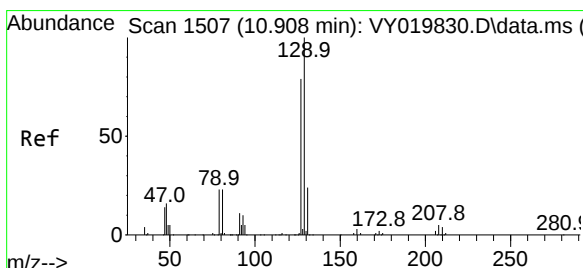
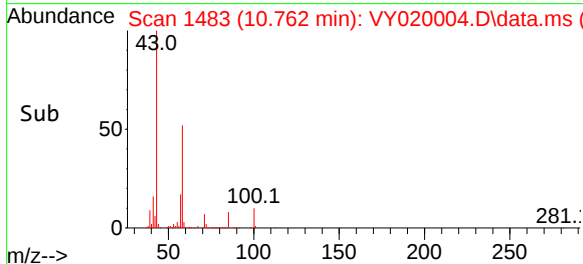
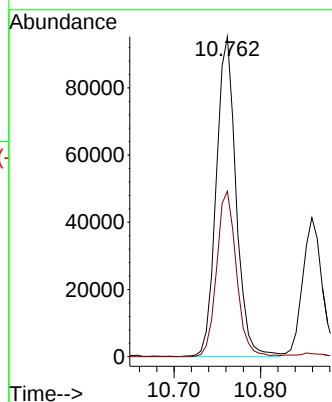
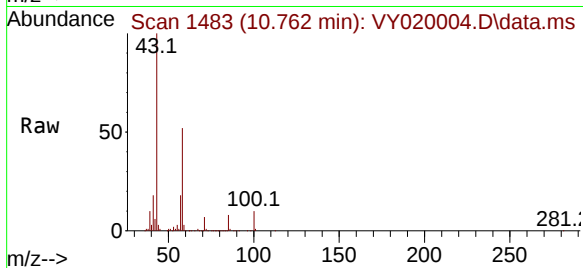
ClientSampleId :

Tgt Ion: 43 Resp: 150927

Ion Ratio Lower Upper

43 100

58 51.7 31.4 94.0



#60

Dibromochloromethane

Concen: 19.041 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY020004.D

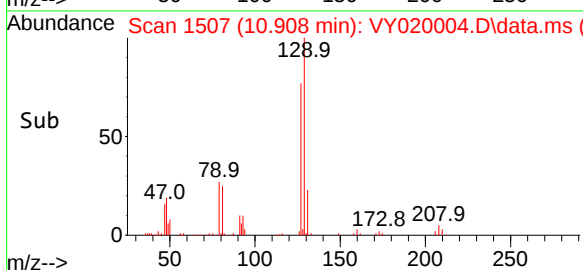
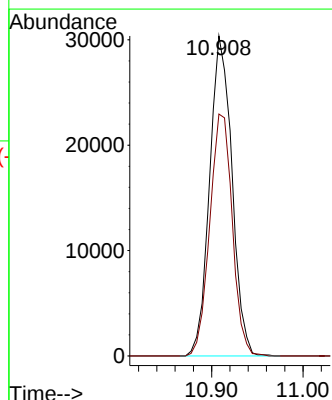
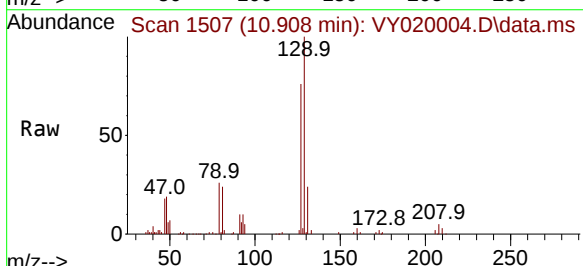
Acq: 24 Oct 2024 12:06

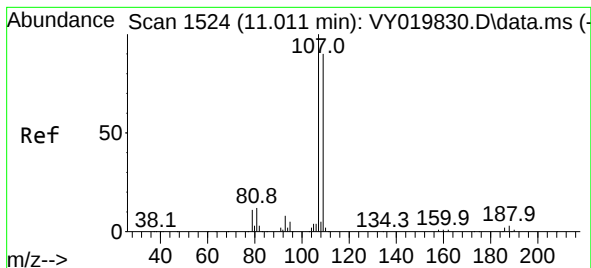
Tgt Ion: 129 Resp: 51415

Ion Ratio Lower Upper

129 100

127 76.3 39.0 117.0

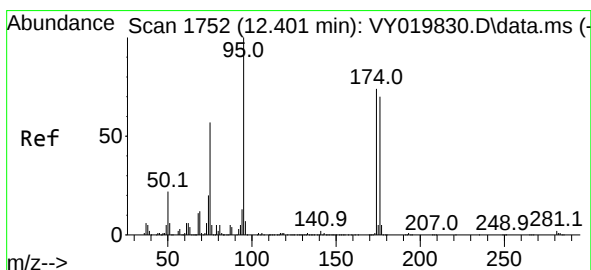
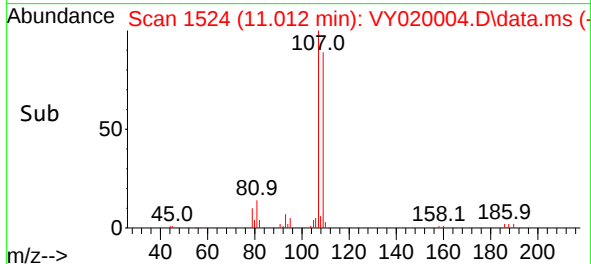
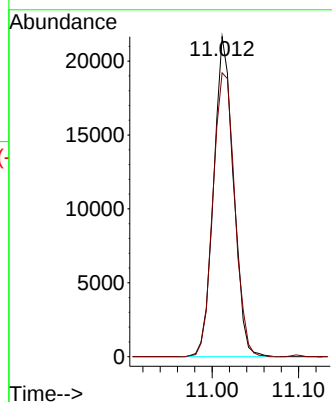
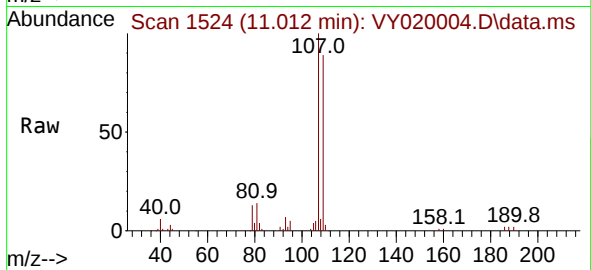




#61
1,2-Dibromoethane
Concen: 18.079 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

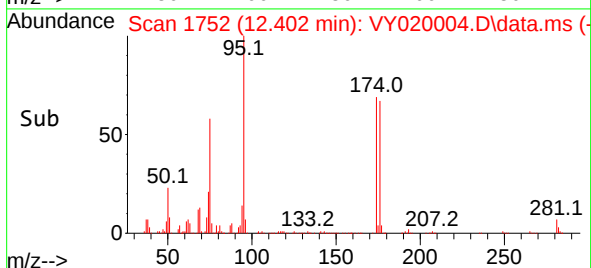
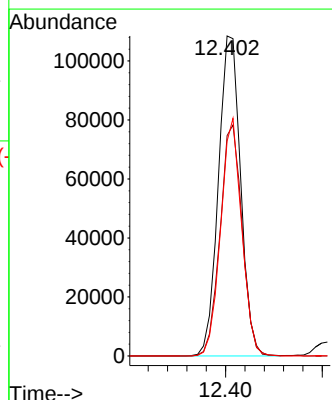
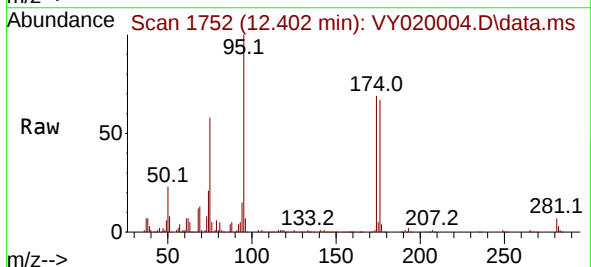
Instrument :
MSVOA_Y
ClientSampleId :

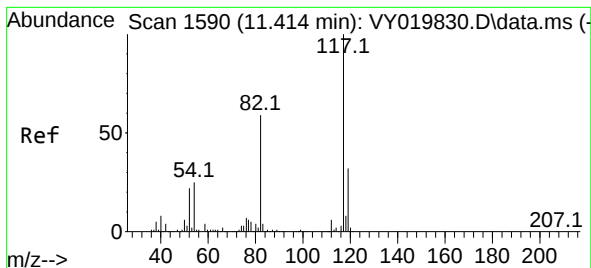
Tgt Ion:107 Resp: 34368
Ion Ratio Lower Upper
107 100
109 97.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.297 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 95 Resp: 172583
Ion Ratio Lower Upper
95 100
174 71.8 0.0 175.6
176 70.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

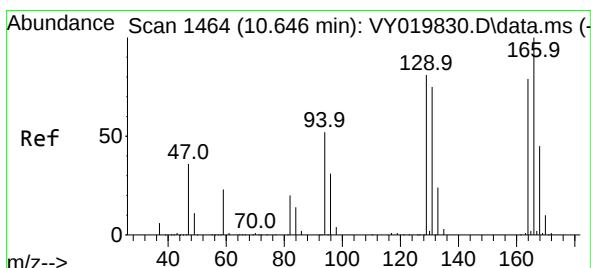
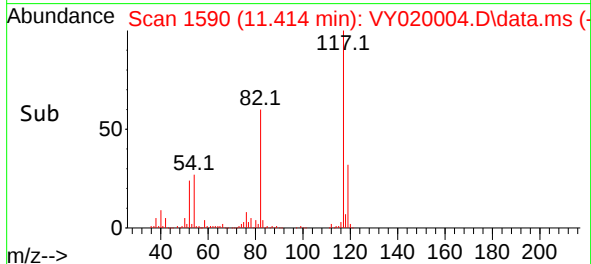
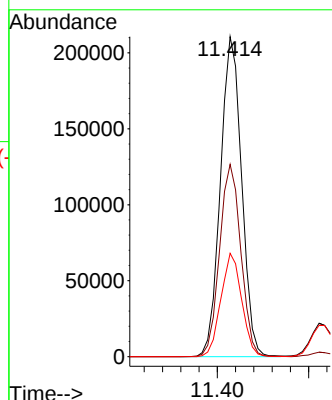
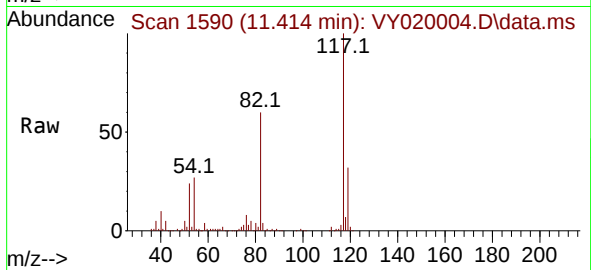
Tgt Ion:117 Resp: 339542

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 17.722 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Tgt Ion:164 Resp: 42801

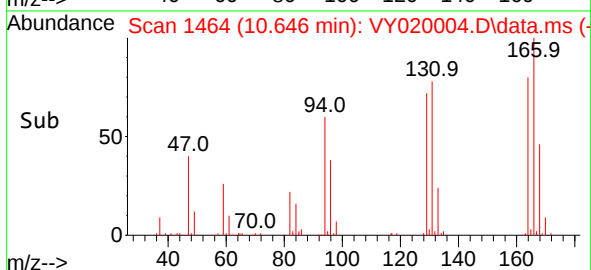
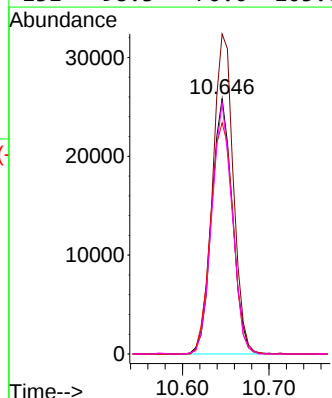
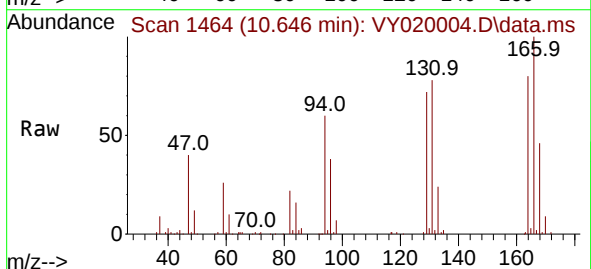
Ion Ratio Lower Upper

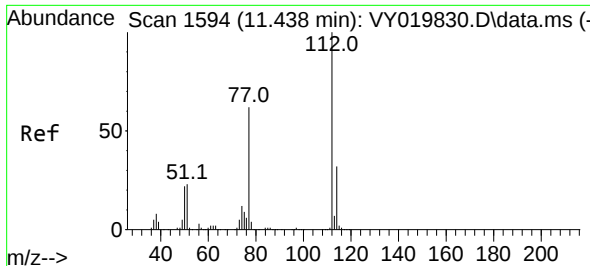
164 100

166 125.4 102.6 154.0

129 90.6 72.0 108.0

131 98.3 70.0 105.0

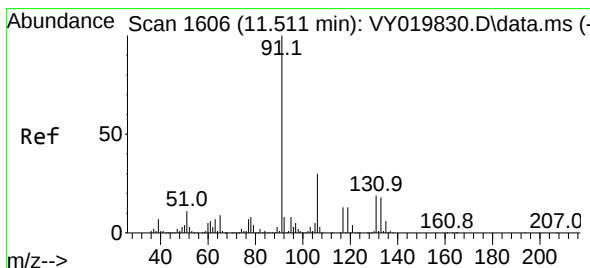
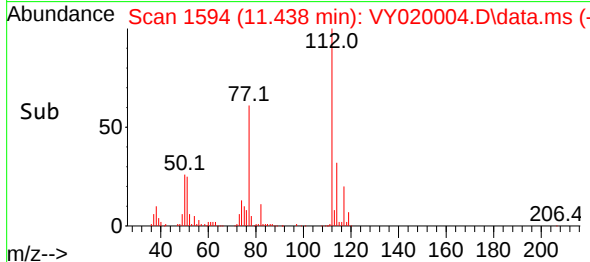
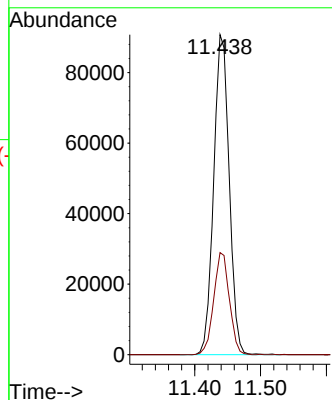
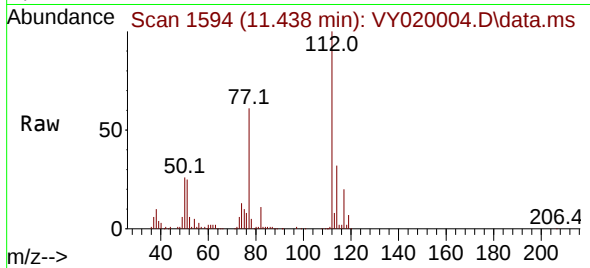




#65
Chlorobenzene
Concen: 19.163 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

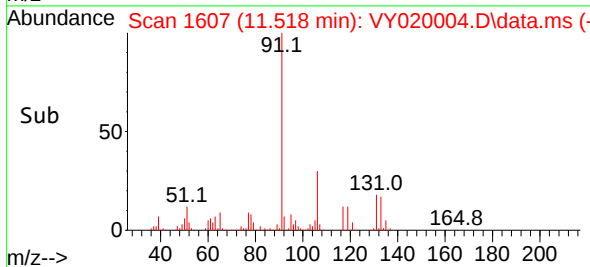
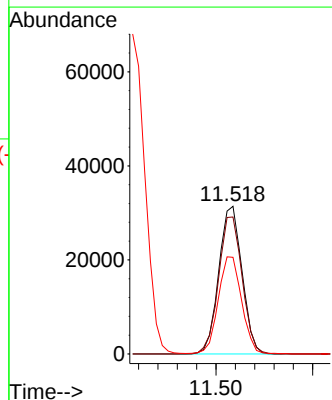
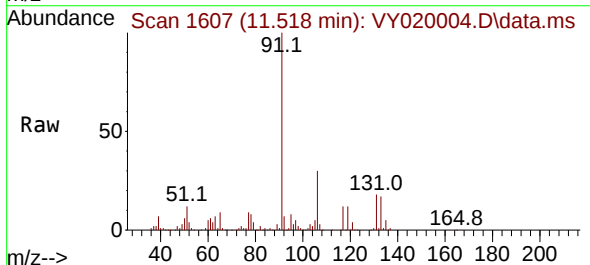
Instrument :
MSVOA_Y
ClientSampleId :

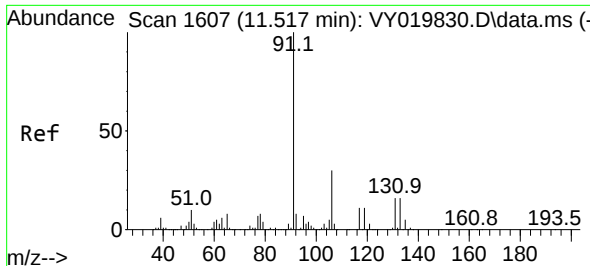
Tgt Ion:112 Resp: 148820
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.850 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion:131 Resp: 52158
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 66.5 34.1 102.2

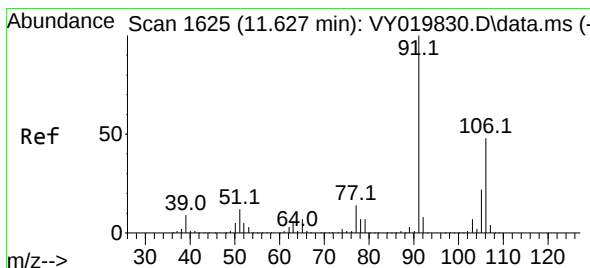
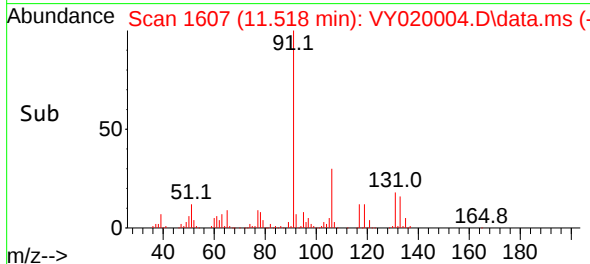
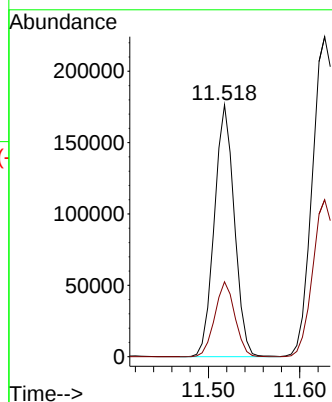
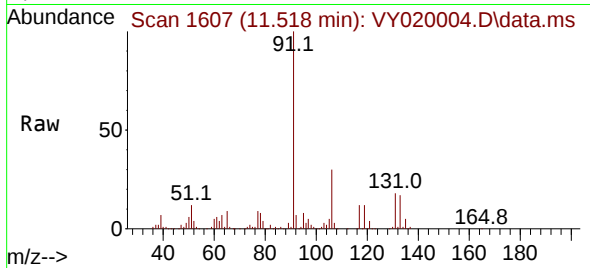




#67
Ethyl Benzene
Concen: 18.980 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

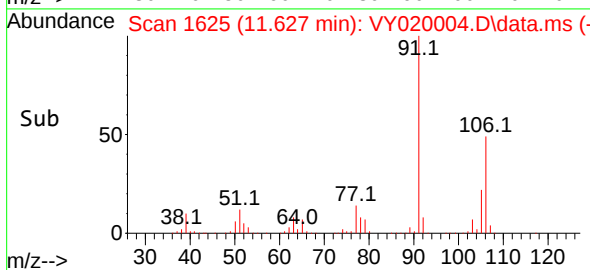
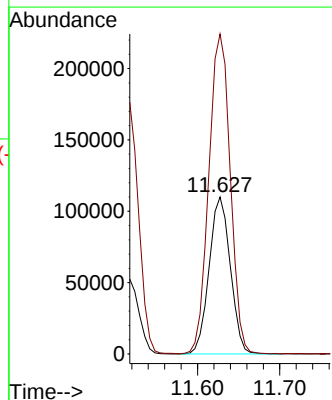
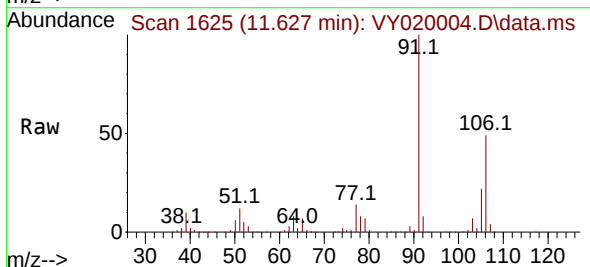
Instrument :
MSVOA_Y
ClientSampleId :

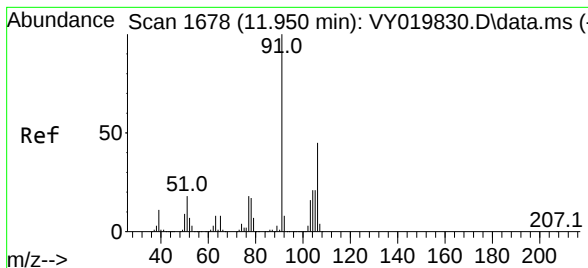
Tgt Ion: 91 Resp: 267762
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7



#68
m/p-Xylenes
Concen: 37.813 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion:106 Resp: 197011
Ion Ratio Lower Upper
106 100
91 206.5 156.0 234.0

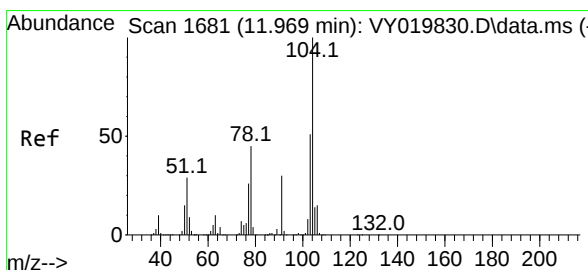
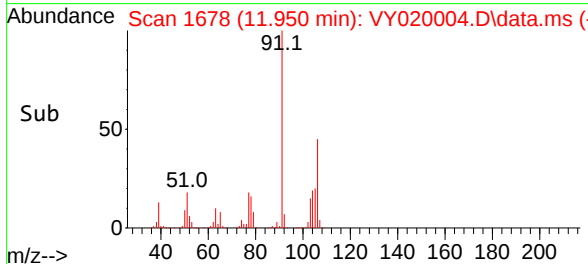
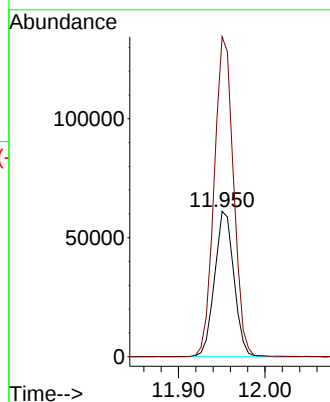
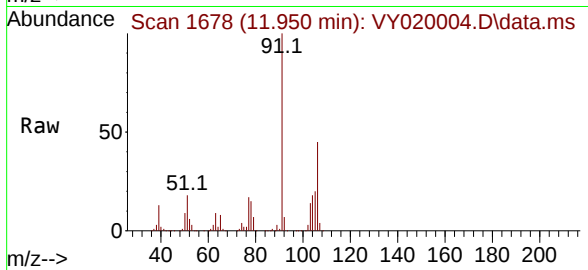




#69
o-Xylene
Concen: 18.931 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

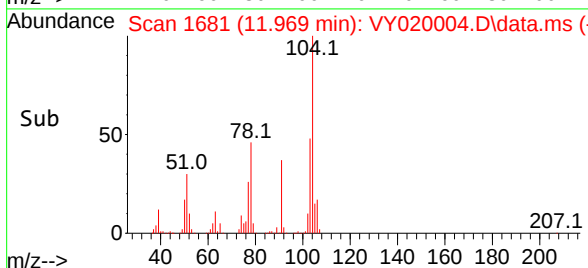
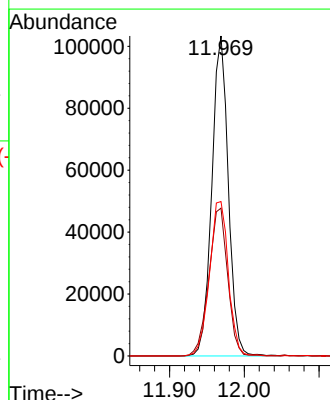
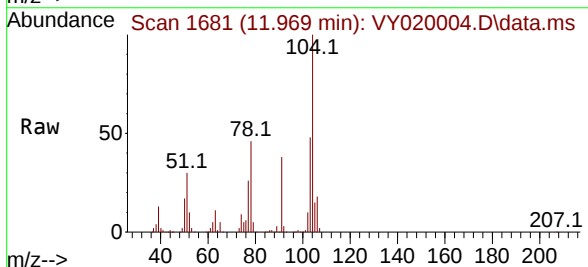
Instrument :
MSVOA_Y
ClientSampleId :

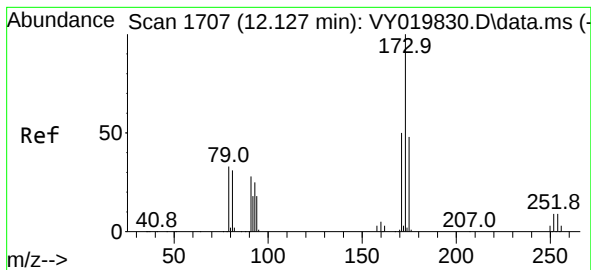
Tgt Ion:106 Resp: 94766
Ion Ratio Lower Upper
106 100
91 220.3 103.6 310.8



#70
Styrene
Concen: 18.809 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion:104 Resp: 158858
Ion Ratio Lower Upper
104 100
78 52.8 37.0 55.4
103 55.2 44.2 66.2





#71

Bromoform

Concen: 18.368 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

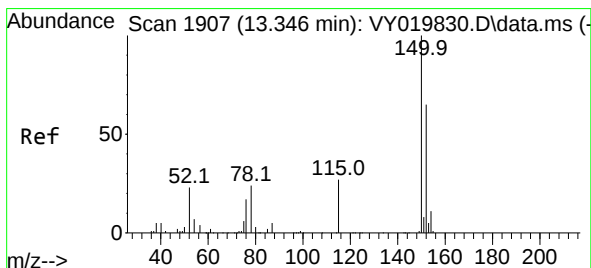
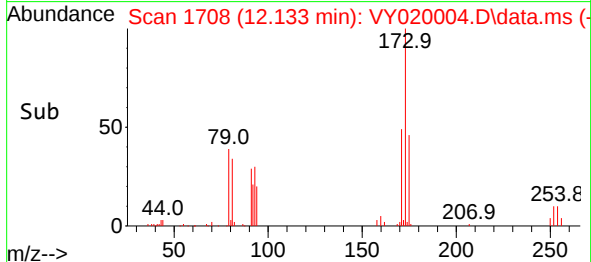
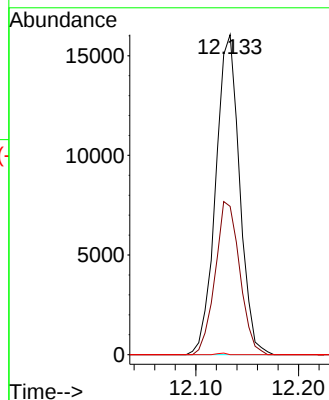
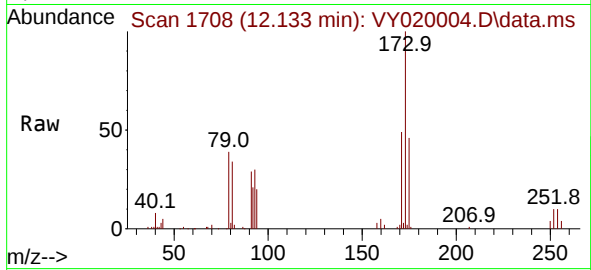
Tgt Ion:173 Resp: 25837

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.2 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: VY020004.D

Acq: 24 Oct 2024 12:06

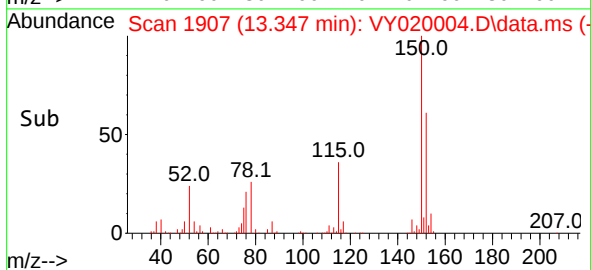
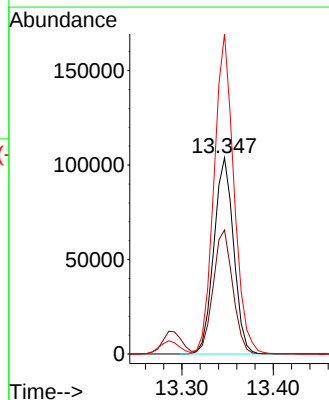
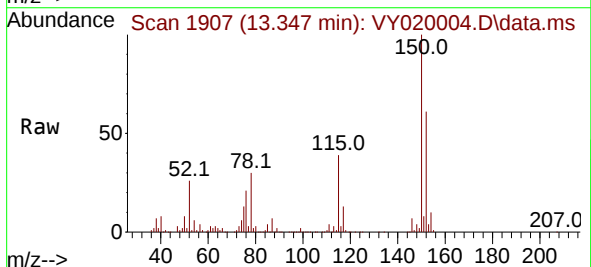
Tgt Ion:152 Resp: 155771

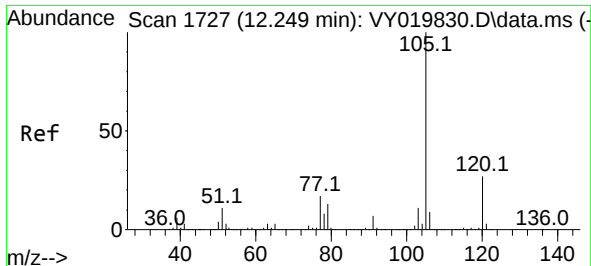
Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 164.7 0.0 345.6

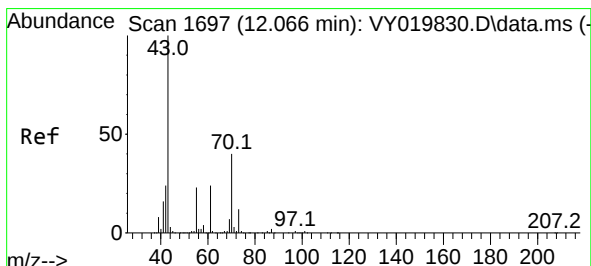
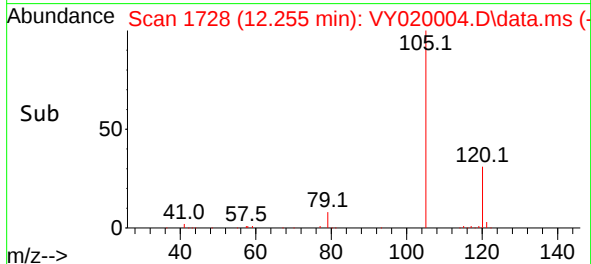
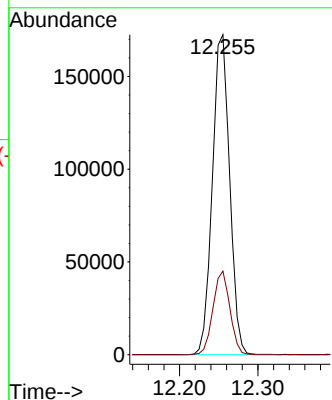
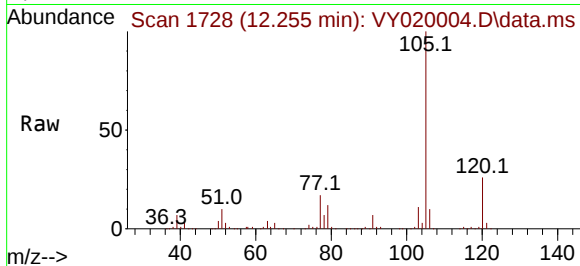




#73
Isopropylbenzene
Concen: 20.163 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

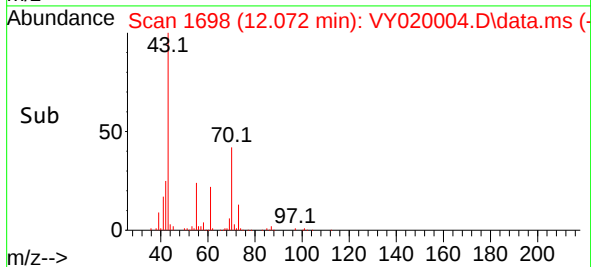
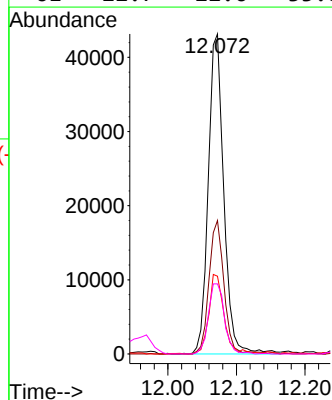
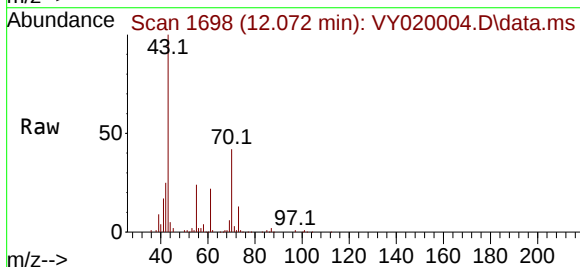
Instrument :
MSVOA_Y
ClientSampleId :

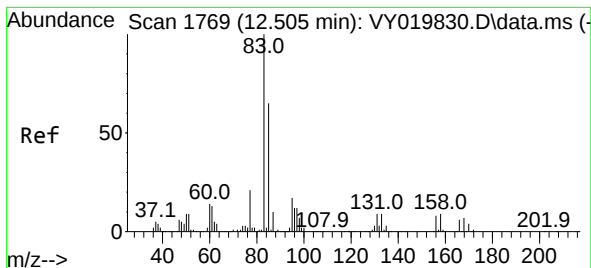
Tgt Ion:105 Resp: 264183
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 19.646 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 43 Resp: 68177
Ion Ratio Lower Upper
43 100
70 40.5 41.4 62.2#
55 24.3 23.3 34.9
61 22.7 22.6 33.8

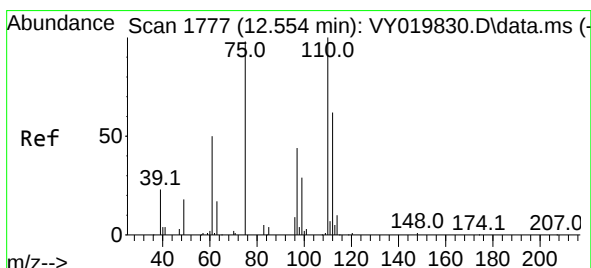
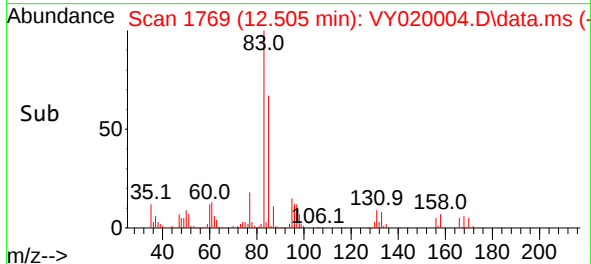
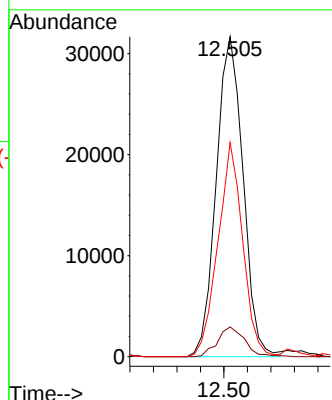
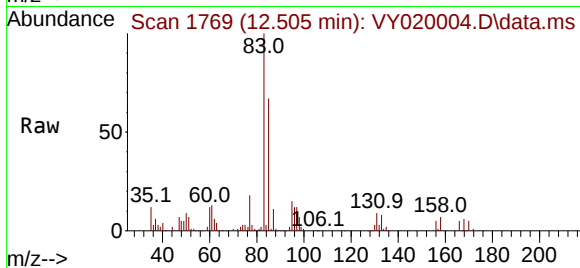




#75
1,1,2,2-Tetrachloroethane
Concen: 21.599 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

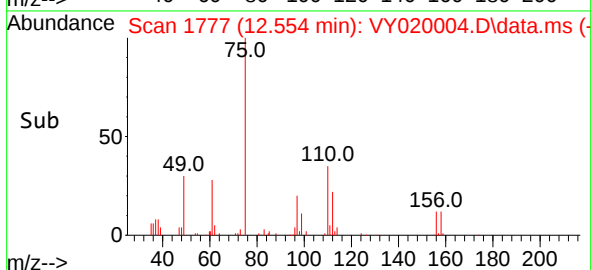
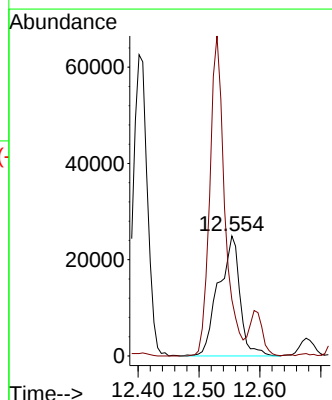
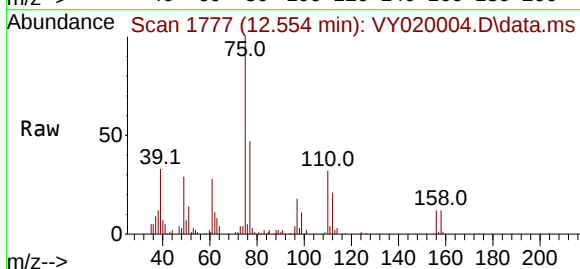
Instrument :
MSVOA_Y
ClientSampleId :

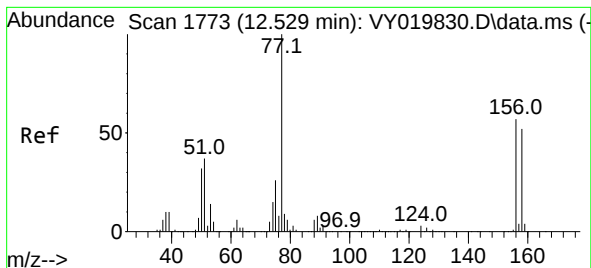
Tgt Ion:	83	Resp:	50285
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.0	14.9
85	61.8	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 19.910 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion:	75	Resp:	60757
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.732 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020004.D

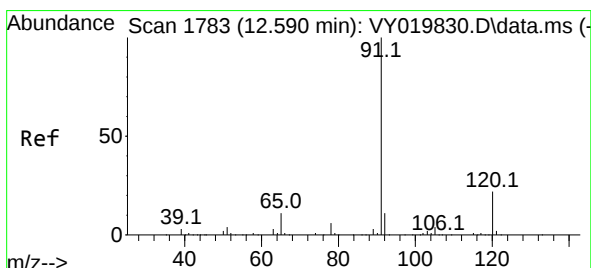
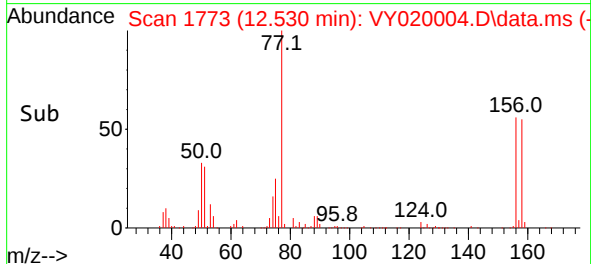
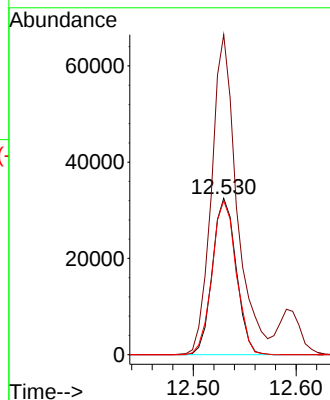
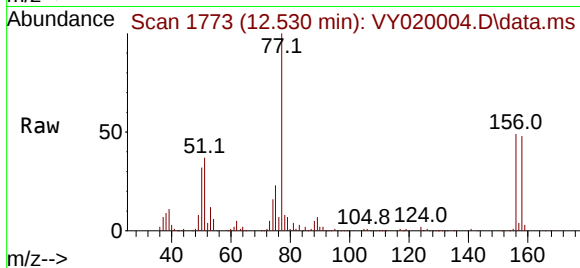
Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	52081
Ion Ratio	Lower	Upper	
156	100		
77	218.6	87.1	261.3
158	100.0	48.6	145.9



#78

n-propylbenzene

Concen: 20.518 ug/l

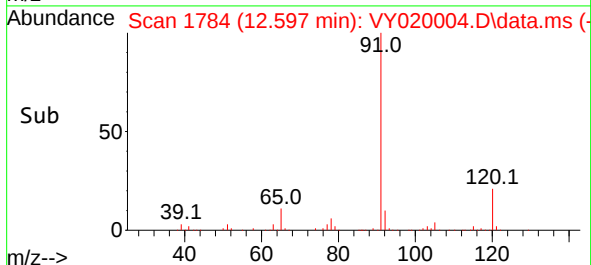
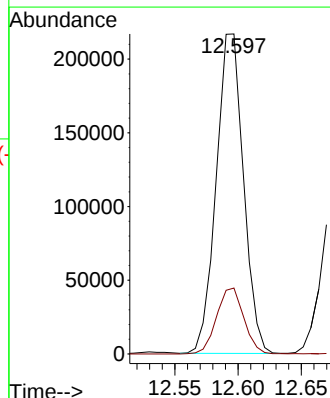
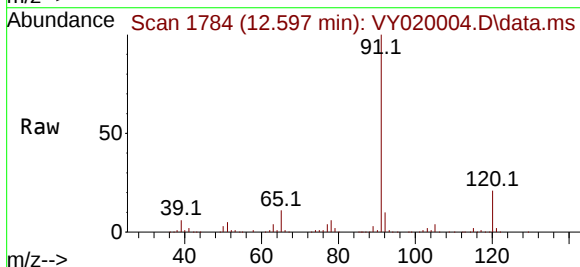
RT: 12.597 min Scan# 1784

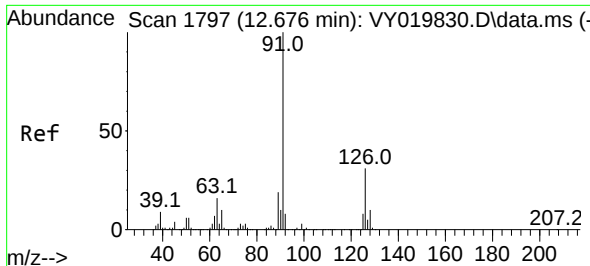
Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Tgt Ion:	91	Resp:	324842
Ion Ratio	Lower	Upper	
91	100		
120	20.6	11.5	34.4

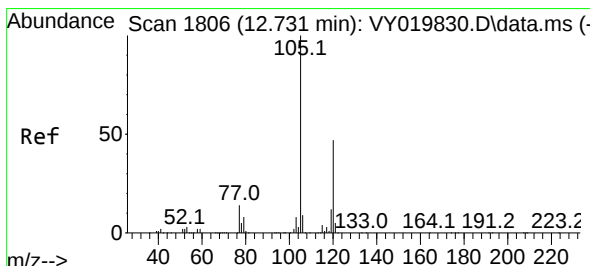
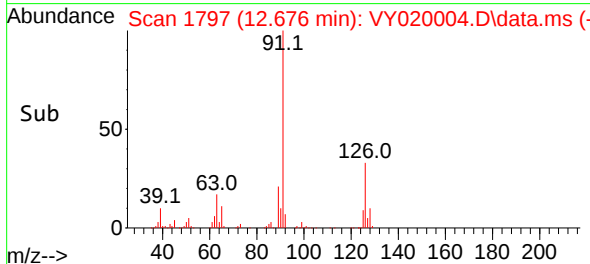
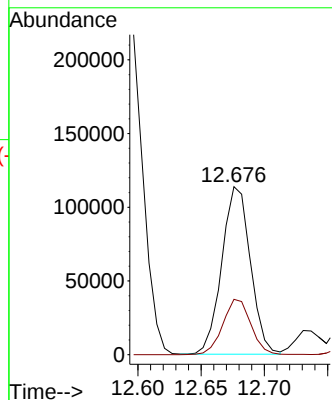
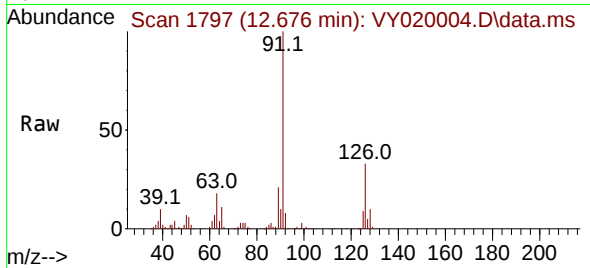




#79
2-Chlorotoluene
Concen: 19.715 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

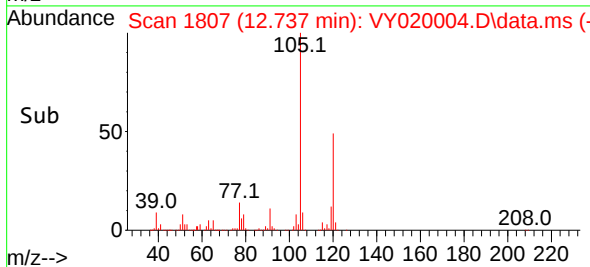
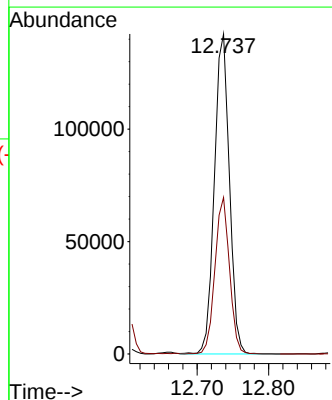
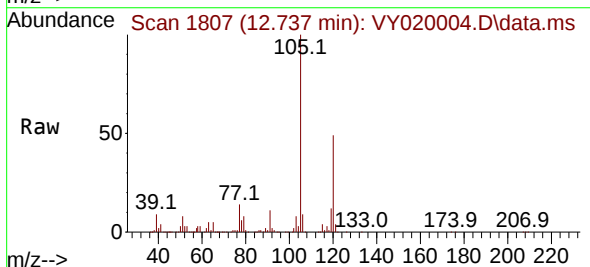
Instrument :
MSVOA_Y
ClientSampleId :

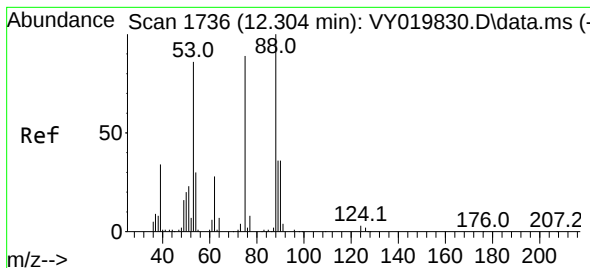
Tgt Ion: 91 Resp: 178942
Ion Ratio Lower Upper
91 100
126 32.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.604 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 105 Resp: 207438
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

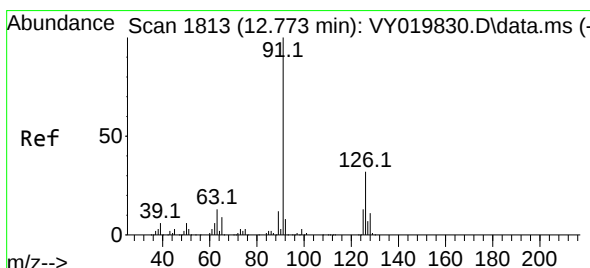
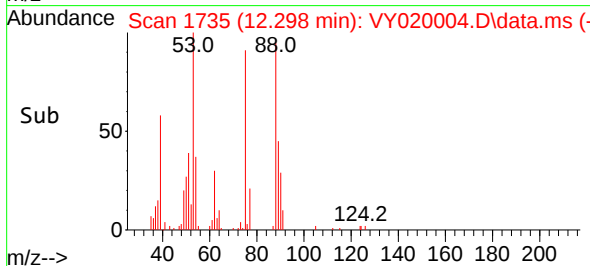
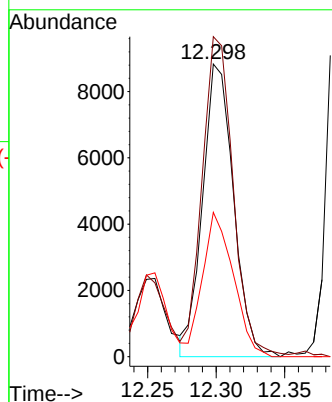
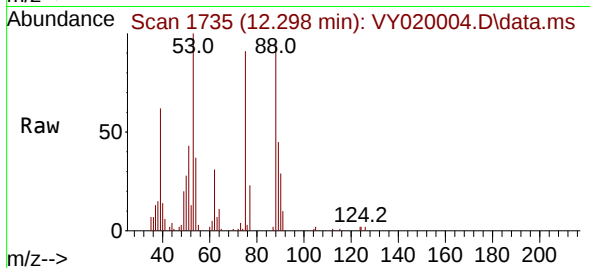




#81
trans-1,4-Dichloro-2-butene
Concen: 18.332 ug/l
RT: 12.298 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

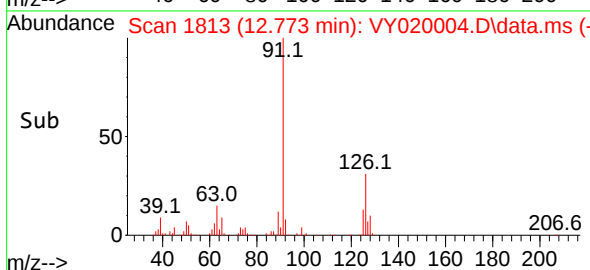
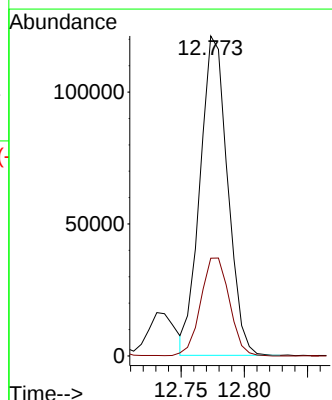
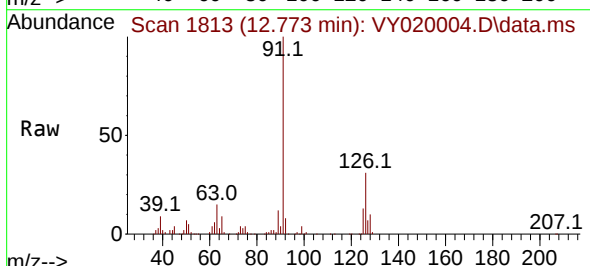
Instrument :
MSVOA_Y
ClientSampleId :

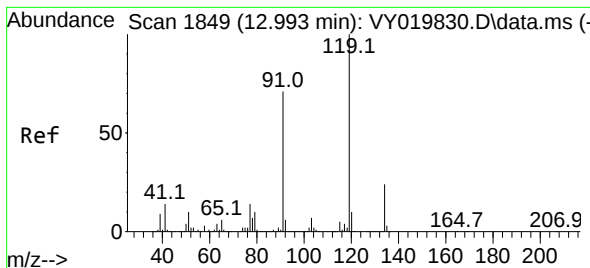
Tgt Ion: 75 Resp: 13859
Ion Ratio Lower Upper
75 100
53 107.9 66.8 100.2#
89 48.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.786 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion: 91 Resp: 183621
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.514 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

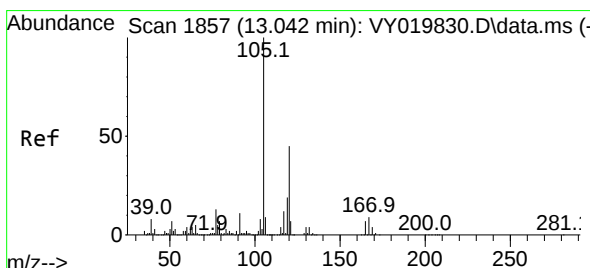
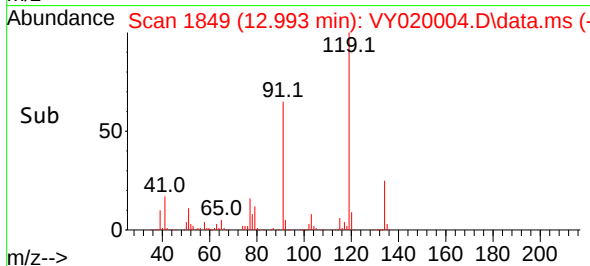
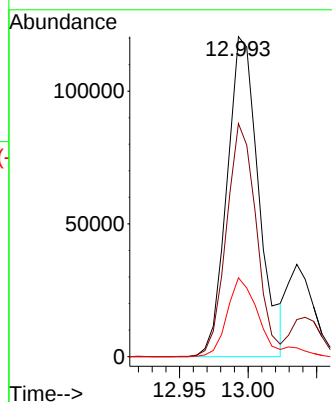
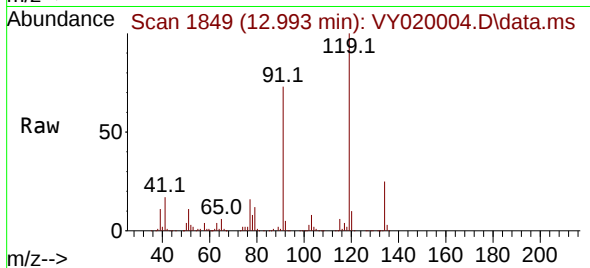
Tgt Ion:119 Resp: 194453

Ion Ratio Lower Upper

119 100

91 68.4 31.3 93.8

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.479 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020004.D

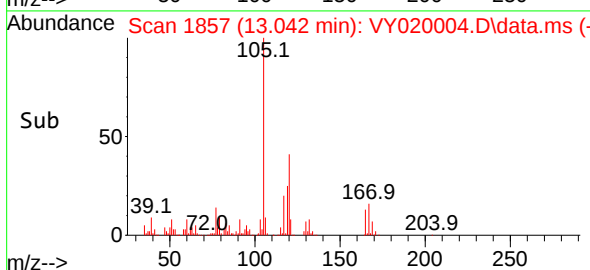
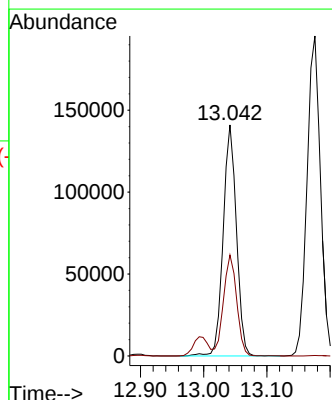
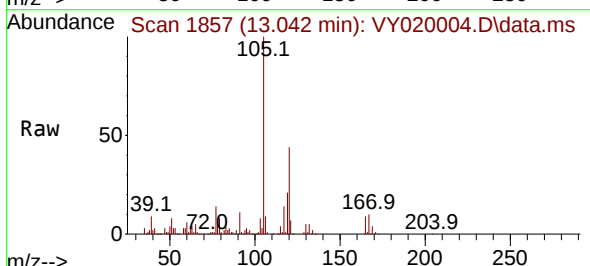
Acq: 24 Oct 2024 12:06

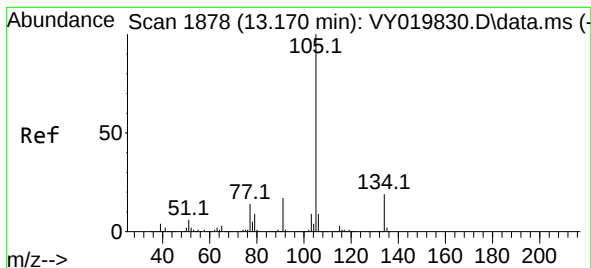
Tgt Ion:105 Resp: 204353

Ion Ratio Lower Upper

105 100

120 43.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.208 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

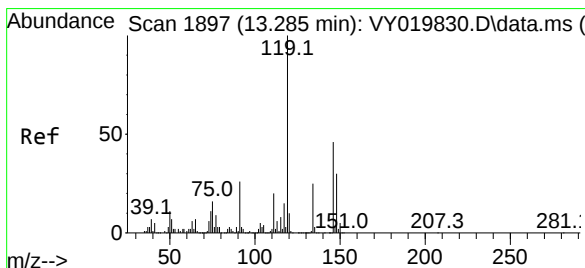
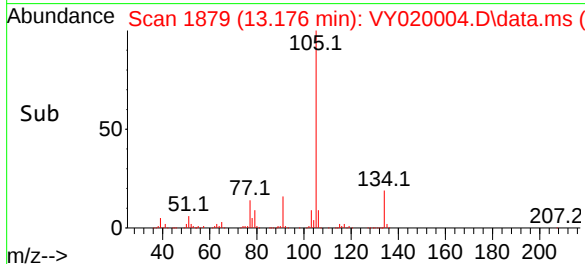
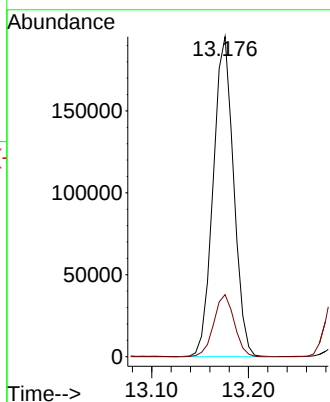
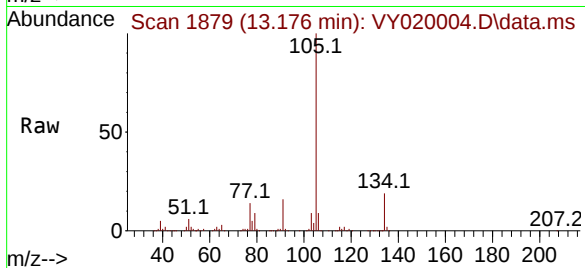
ClientSampleId :

Tgt Ion:105 Resp: 286202

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.719 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

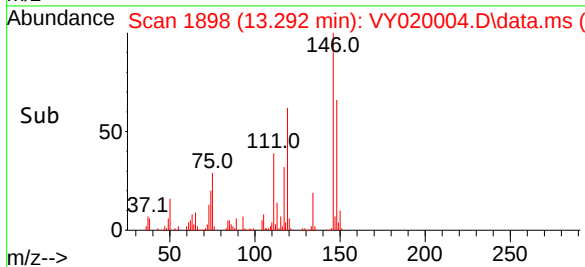
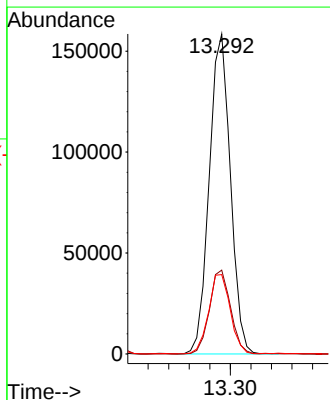
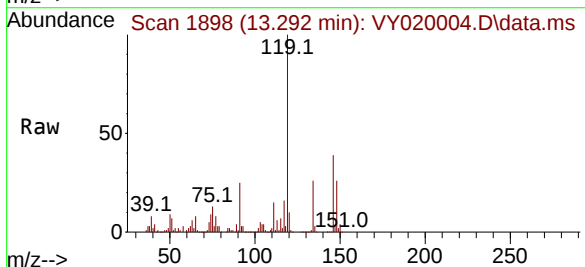
Tgt Ion:119 Resp: 226779

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.017 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

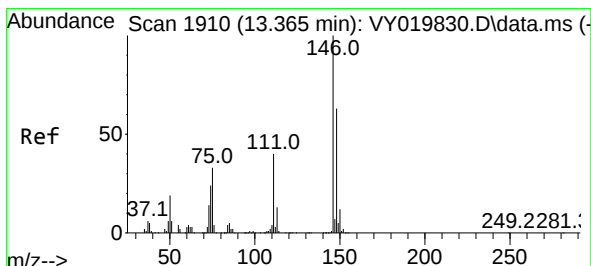
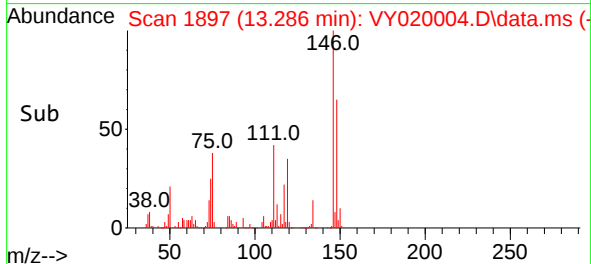
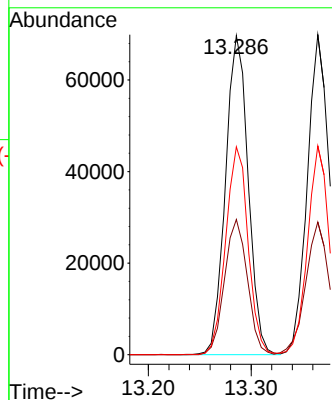
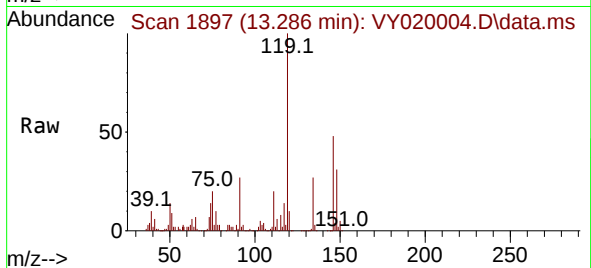
Tgt Ion:146 Resp: 106778

Ion Ratio Lower Upper

146 100

111 42.7 19.0 57.0

148 64.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.097 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

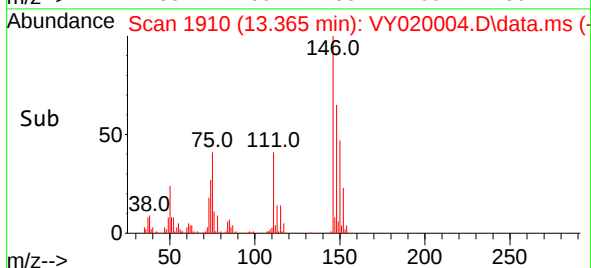
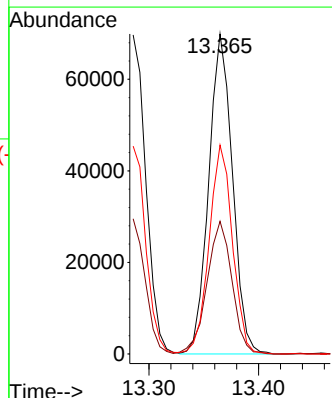
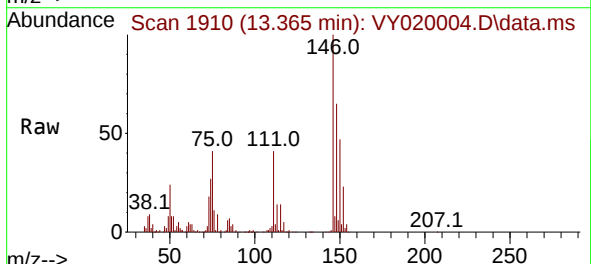
Tgt Ion:146 Resp: 105340

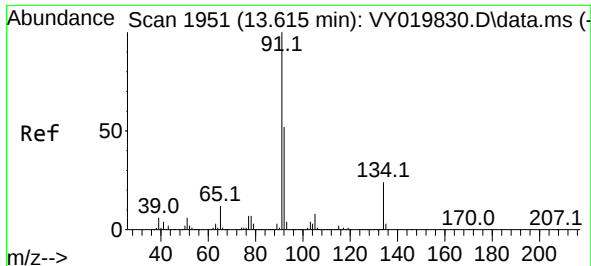
Ion Ratio Lower Upper

146 100

111 43.5 18.4 55.4

148 64.2 32.4 97.2

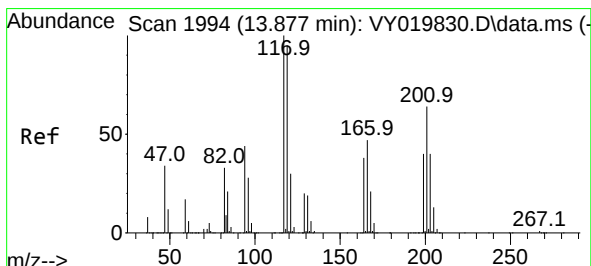
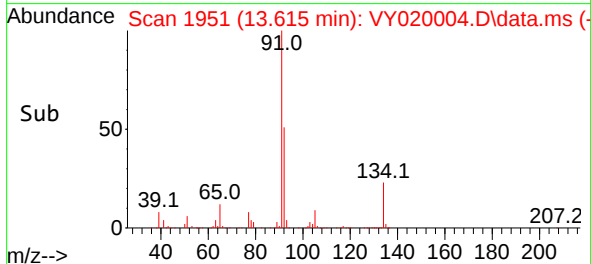
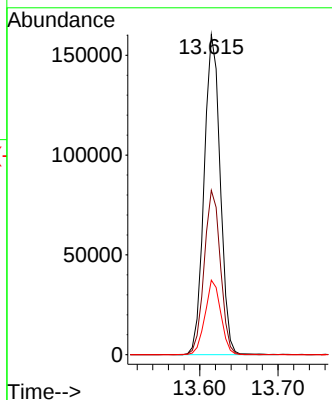
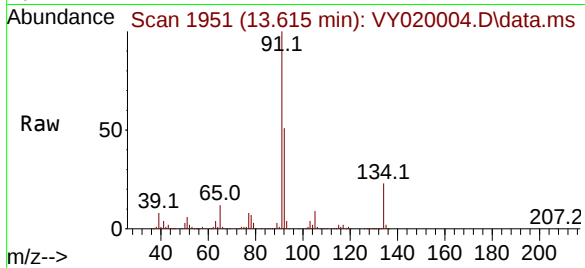




#89
n-Butylbenzene
Concen: 20.340 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

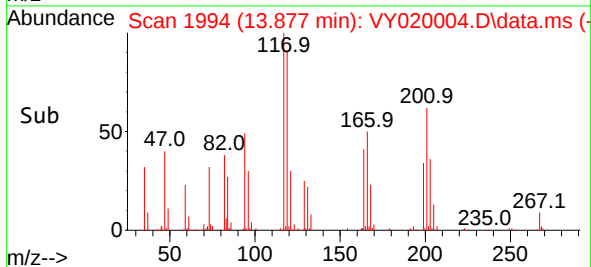
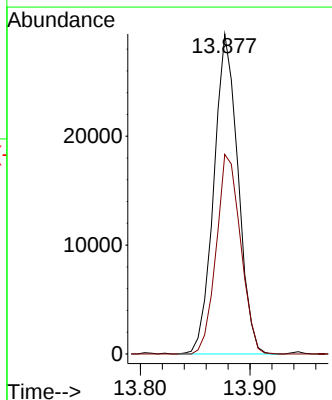
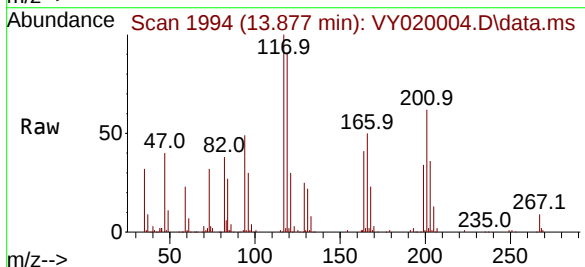
Instrument :
MSVOA_Y
ClientSampleId :

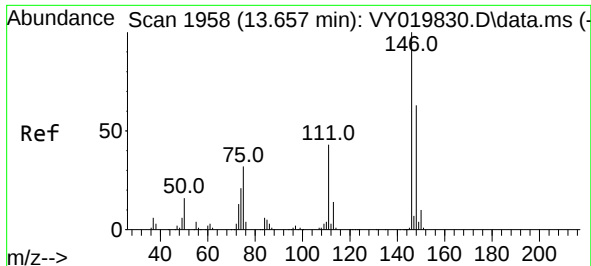
Tgt Ion: 91 Resp: 228408
Ion Ratio Lower Upper
91 100
92 51.7 26.6 79.7
134 22.8 12.9 38.7



#90
Hexachloroethane
Concen: 20.128 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

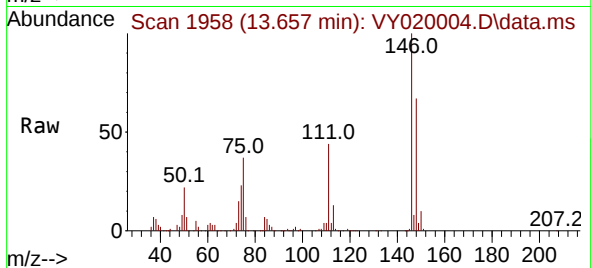
Tgt Ion: 117 Resp: 45074
Ion Ratio Lower Upper
117 100
201 62.9 37.4 112.2



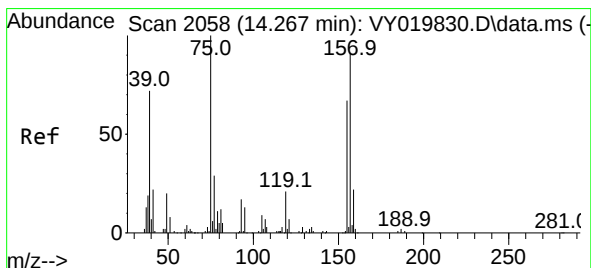
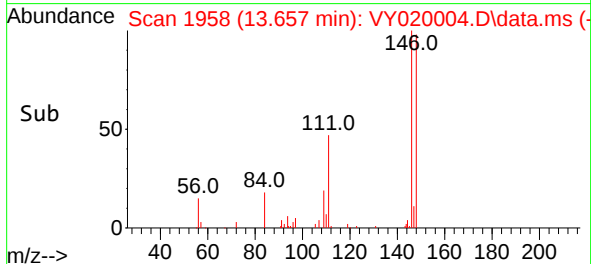
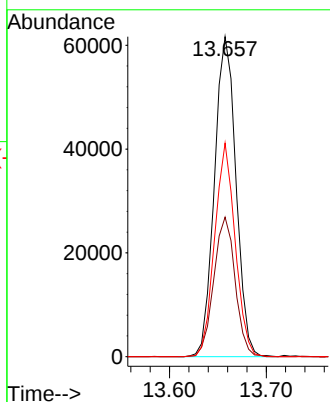


#91
1,2-Dichlorobenzene
Concen: 19.327 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Instrument :
MSVOA_Y
ClientSampleId :

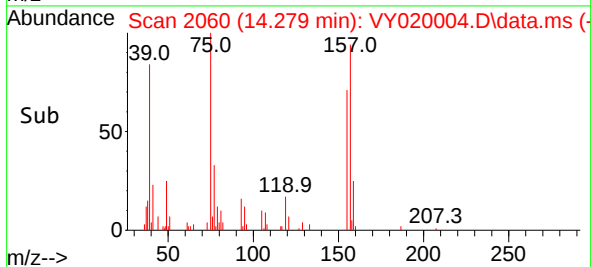
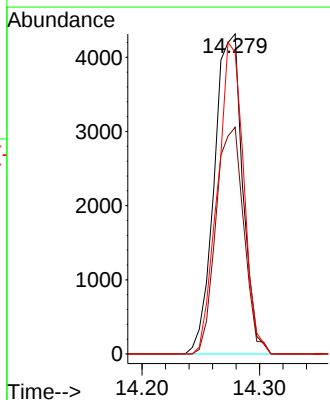
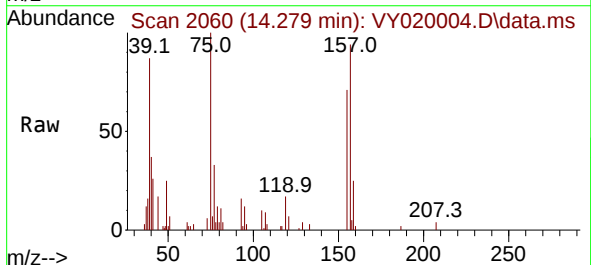


Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	19.9	59.7
148	63.5	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.499 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020004.D
Acq: 24 Oct 2024 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	48.6	145.8
157	89.2	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.773 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

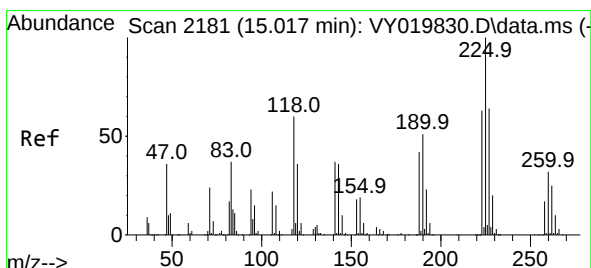
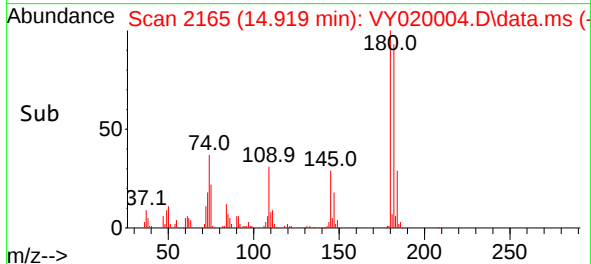
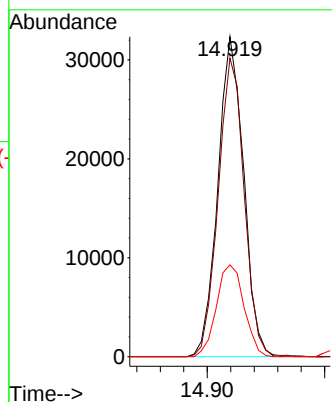
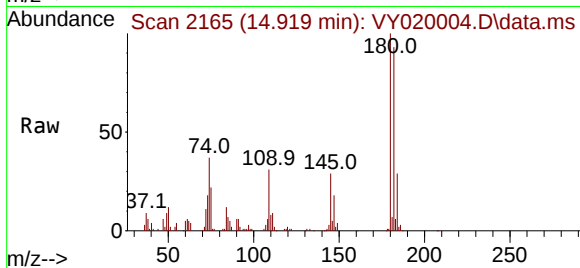
Tgt Ion:180 Resp: 49166

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.444 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

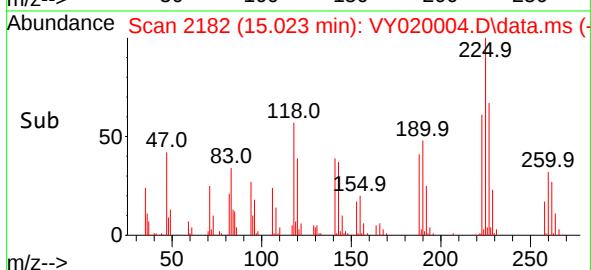
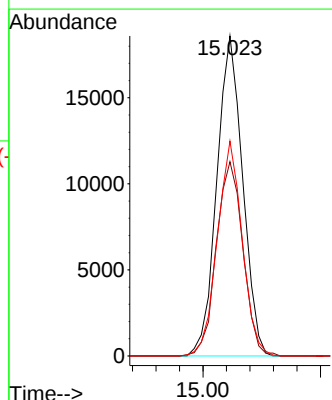
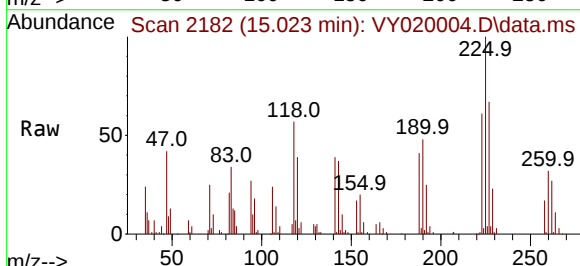
Tgt Ion:225 Resp: 28367

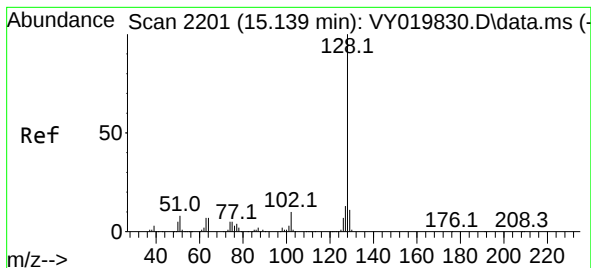
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 65.0 31.9 95.9





#95

Naphthalene

Concen: 17.430 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020004.D

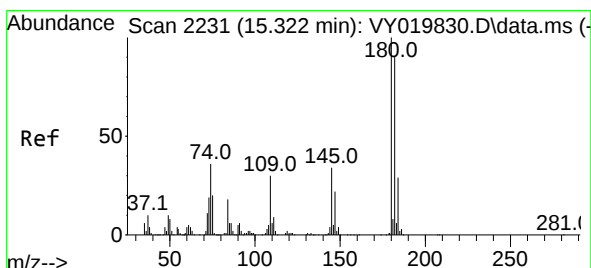
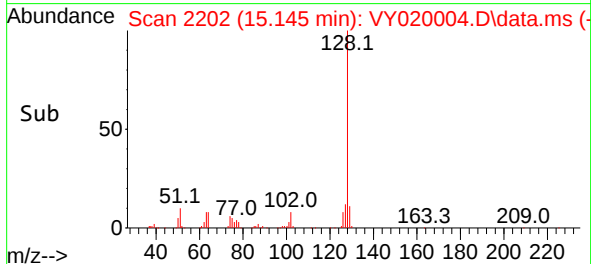
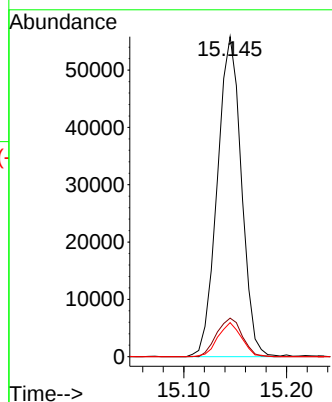
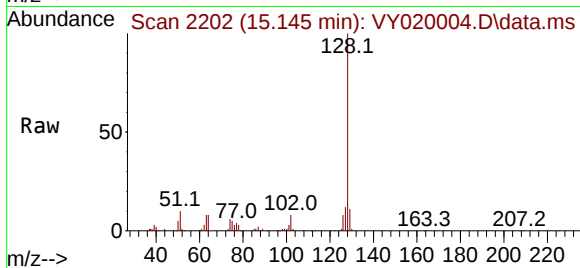
Acq: 24 Oct 2024 12:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	90941
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.6 16.0
129	10.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.435 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020004.D

Acq: 24 Oct 2024 12:06

Tgt Ion:180	Resp:	40772
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.6 142.9
145	34.9	15.4 46.1

