

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020052.D
 Acq On : 29 Oct 2024 11:27
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:21:25 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	7.713	168	192041	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	336078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	294729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	131406	55.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.140%	
35) Dibromofluoromethane	7.640	113	122522	55.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.500%	
50) Toluene-d8	10.109	98	439117	53.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.408	95	155941	52.697	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	27562	15.417	ug/l	97
3) Chloromethane	2.074	50	35297	15.170	ug/l	96
4) Vinyl Chloride	2.208	62	42155	16.464	ug/l	95
5) Bromomethane	2.592	94	28835	17.792	ug/l	100
6) Chloroethane	2.733	64	31396	18.252	ug/l	99
7) Trichlorofluoromethane	3.062	101	69201	18.163	ug/l	94
8) Diethyl Ether	3.458	74	21104	18.226	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	41246	18.612	ug/l	91
10) Methyl Iodide	4.007	142	32498	14.499	ug/l	# 88
11) Tert butyl alcohol	4.842	59	29201	145.062	ug/l	# 97
12) 1,1-Dichloroethene	3.793	96	33148	16.090	ug/l	86
13) Acrolein	3.659	56	12413	71.442	ug/l	97
14) Allyl chloride	4.391	41	65947	17.741	ug/l	# 90
15) Acrylonitrile	5.061	53	60569	114.362	ug/l	96
16) Acetone	3.867	43	83672	135.932	ug/l	# 78
17) Carbon Disulfide	4.104	76	52736	9.550	ug/l	96
18) Methyl Acetate	4.391	43	27354	20.629	ug/l	# 86
19) Methyl tert-butyl Ether	5.122	73	122621	20.717	ug/l	96
20) Methylene Chloride	4.623	84	49722	21.400	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	36813	16.418	ug/l	86
22) Diisopropyl ether	6.025	45	179961	22.226	ug/l	# 90
23) Vinyl Acetate	5.964	43	482500	103.947	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	93498	20.773	ug/l	96
25) 2-Butanone	6.896	43	107166	130.068	ug/l	# 78
26) 2,2-Dichloropropane	6.896	77	80717	20.137	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	54014	19.493	ug/l	80
28) Bromochloromethane	7.244	49	44110	22.266	ug/l	# 67
29) Tetrahydrofuran	7.262	42	51101	108.624	ug/l	# 82
30) Chloroform	7.427	83	100901	21.992	ug/l	97
31) Cyclohexane	7.707	56	62294	15.767	ug/l	86
32) 1,1,1-Trichloroethane	7.616	97	79637	19.806	ug/l	# 92
36) 1,1-Dichloropropene	7.835	75	56618	17.720	ug/l	96
37) Ethyl Acetate	6.988	43	37875	22.734	ug/l	96
38) Carbon Tetrachloride	7.817	117	63985	18.681	ug/l	96
39) Methylcyclohexane	9.116	83	61197	15.201	ug/l	88
40) Benzene	8.085	78	184035	19.033	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	21177	23.486	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	57820	20.814	ug/l	95
43) Isopropyl Acetate	8.201	43	73050	21.500	ug/l #	79
44) Trichloroethene	8.866	130	43565	18.602	ug/l	98
45) 1,2-Dichloropropane	9.146	63	53675	22.178	ug/l	96
46) Dibromomethane	9.231	93	26286	19.879	ug/l	92
47) Bromodichloromethane	9.427	83	77311	22.027	ug/l	95
48) Methyl methacrylate	9.225	41	32229	21.564	ug/l #	77
49) 1,4-Dioxane	9.231	88	6598	445.819	ug/l #	79
51) 4-Methyl-2-Pentanone	10.000	43	205007	118.293	ug/l	88
52) Toluene	10.170	92	116202	19.252	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	62361	19.747	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	72464	19.447	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	38740	22.237	ug/l	95
56) Ethyl methacrylate	10.439	69	51265	20.507	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	67376	22.022	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	132482	113.841	ug/l	91
59) 2-Hexanone	10.762	43	154808	125.068	ug/l	85
60) Dibromochloromethane	10.908	129	48506	21.692	ug/l	98
61) 1,2-Dibromoethane	11.018	107	32284	20.507	ug/l	95
64) Tetrachloroethene	10.646	164	36034	17.189	ug/l #	88
65) Chlorobenzene	11.438	112	132018	19.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	47477	20.816	ug/l	99
67) Ethyl Benzene	11.518	91	237031	19.356	ug/l	99
68) m/p-Xylenes	11.627	106	170643	37.732	ug/l	90
69) o-Xylene	11.950	106	82429	18.970	ug/l	89
70) Styrene	11.969	104	143237	19.538	ug/l	94
71) Bromoform	12.133	173	26338	21.571	ug/l #	97
73) Isopropylbenzene	12.255	105	231268	19.633	ug/l	98
74) N-amyl acetate	12.072	43	63725	20.426	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	49063	23.441	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	58136	21.191	ug/l #	100
77) Bromobenzene	12.530	156	47152	18.863	ug/l	79
78) n-propylbenzene	12.597	91	289706	20.354	ug/l	97
79) 2-Chlorotoluene	12.682	91	163675	20.059	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	187286	19.688	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	13660	20.098	ug/l #	81
82) 4-Chlorotoluene	12.780	91	168366	20.179	ug/l	94
83) tert-Butylbenzene	12.999	119	171652	20.142	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	183345	19.440	ug/l	96
85) sec-Butylbenzene	13.176	105	258714	20.319	ug/l	96
86) p-Isopropyltoluene	13.292	119	204107	19.741	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	100144	19.839	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	97988	19.759	ug/l	96
89) n-Butylbenzene	13.615	91	203844	20.191	ug/l	97
90) Hexachloroethane	13.877	117	40656	20.194	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	91185	20.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7352	22.009	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	45405	18.256	ug/l	96
94) Hexachlorobutadiene	15.023	225	26094	18.872	ug/l	99
95) Naphthalene	15.145	128	84360	17.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37939	18.046	ug/l	99

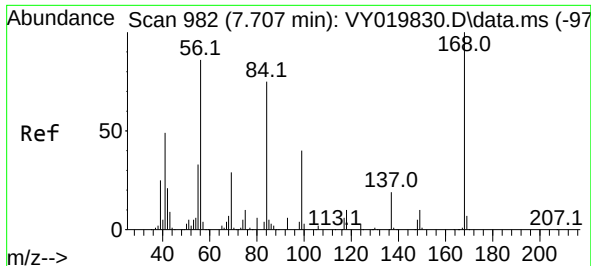
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
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Response via : Initial Calibration

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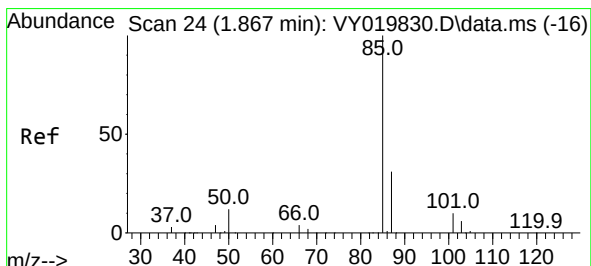
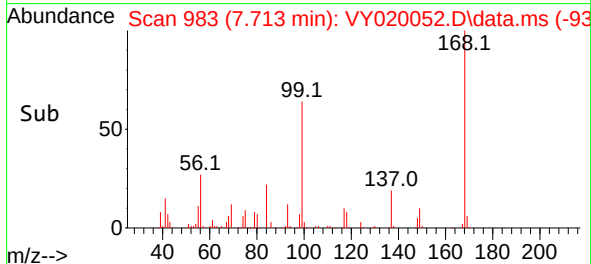
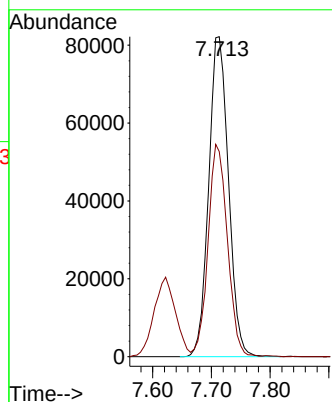
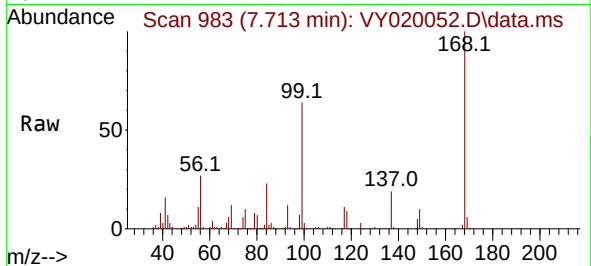
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

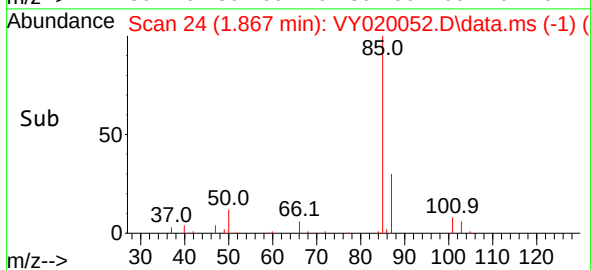
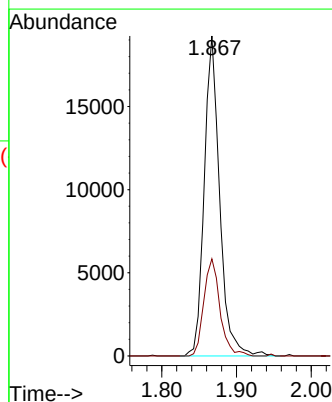
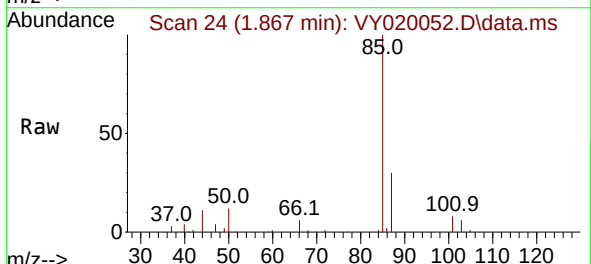
Instrument :
MSVOA_Y
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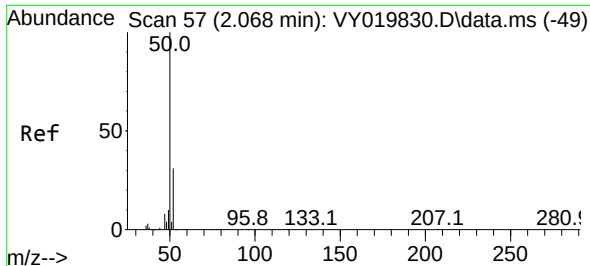
Tgt Ion:168 Resp: 192041
Ion Ratio Lower Upper
168 100
99 64.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 15.417 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 85 Resp: 27562
Ion Ratio Lower Upper
85 100
87 30.3 16.0 48.0

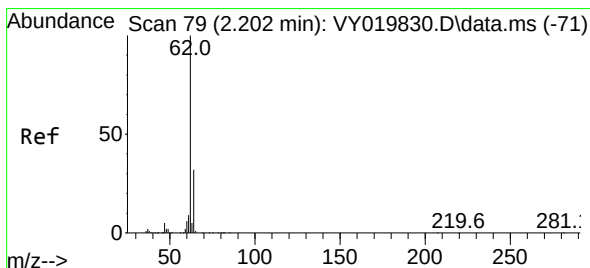
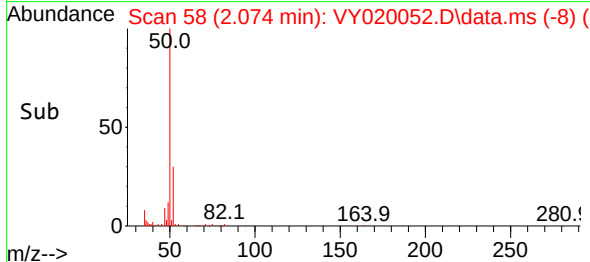
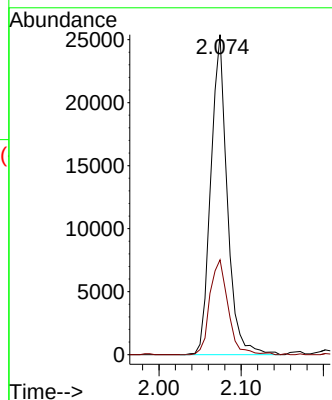
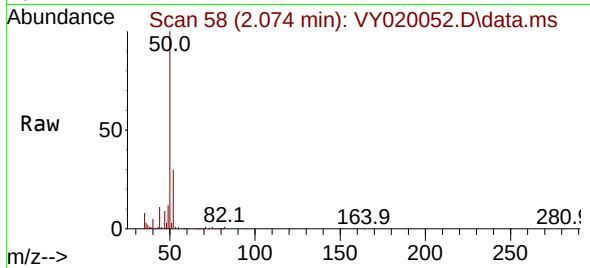




#3
Chloromethane
Concen: 15.170 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

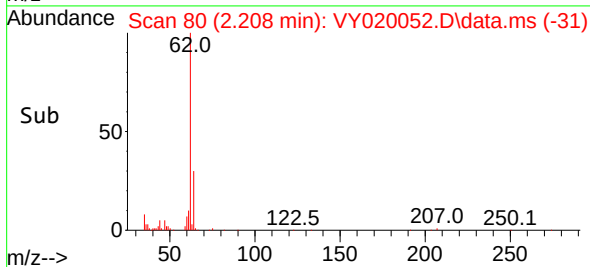
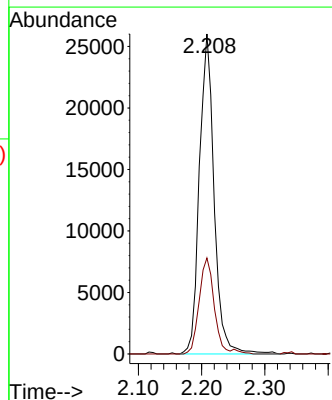
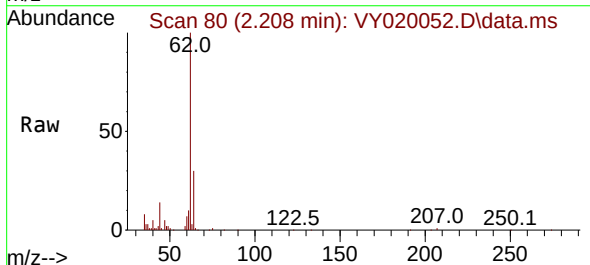
Instrument :
MSVOA_Y
ClientSampleId :

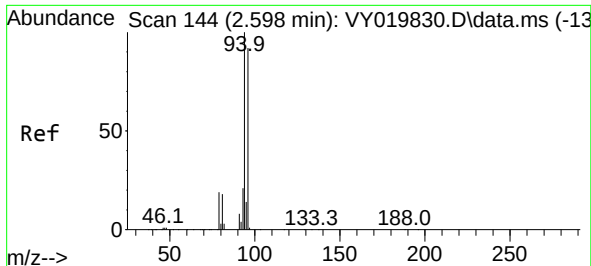
Tgt Ion: 50 Resp: 35297
Ion Ratio Lower Upper
50 100
52 29.7 25.6 38.4



#4
Vinyl Chloride
Concen: 16.464 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 62 Resp: 42155
Ion Ratio Lower Upper
62 100
64 30.0 26.1 39.1

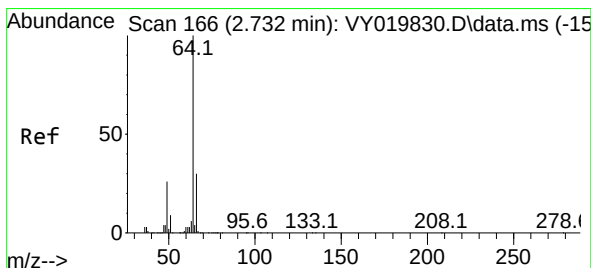
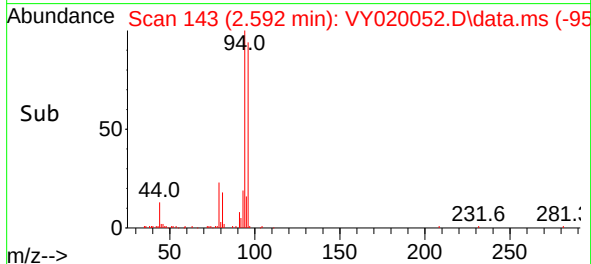
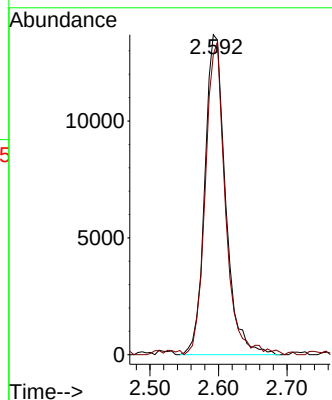
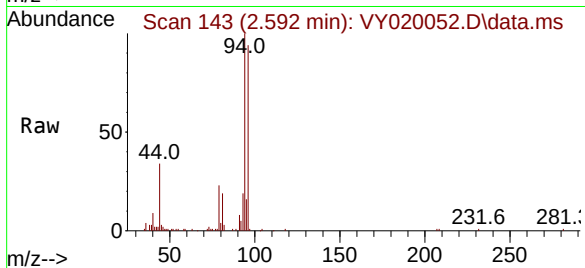




#5
Bromomethane
Concen: 17.792 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

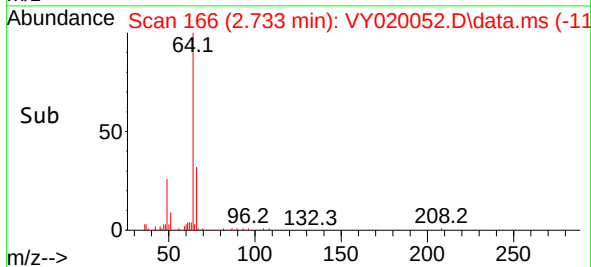
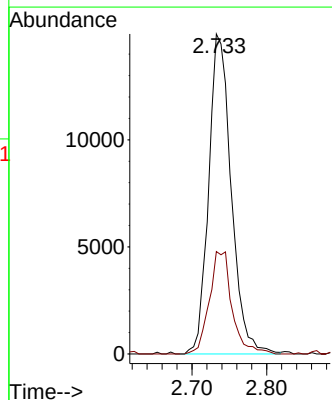
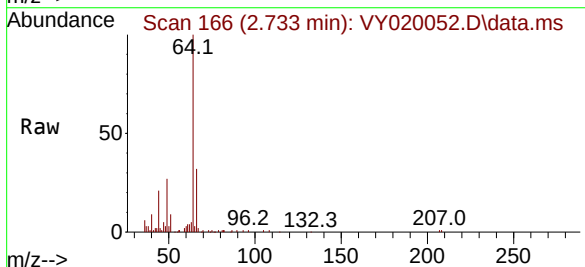
Instrument :
MSVOA_Y
ClientSampleId :

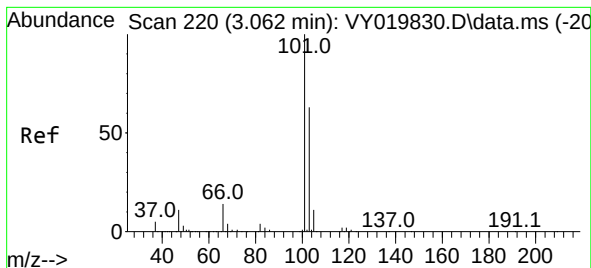
Tgt Ion: 94 Resp: 28835
Ion Ratio Lower Upper
94 100
96 92.9 74.1 111.1



#6
Chloroethane
Concen: 18.252 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 64 Resp: 31396
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

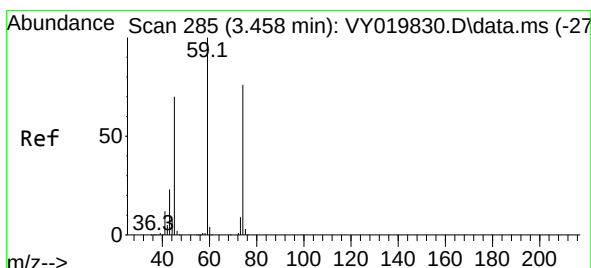
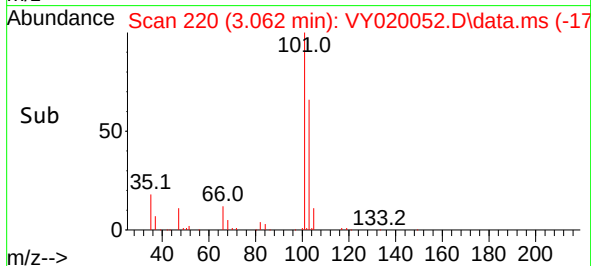
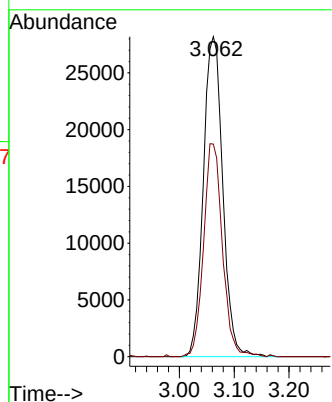
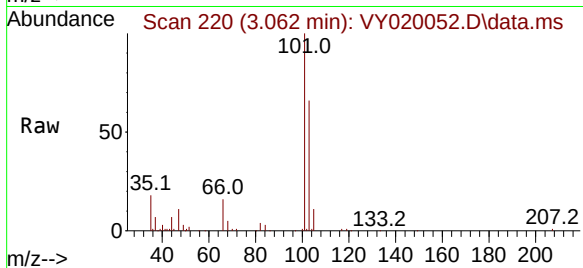




#7
 Trichlorofluoromethane
 Concen: 18.163 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

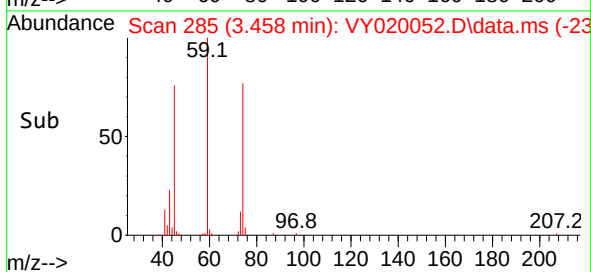
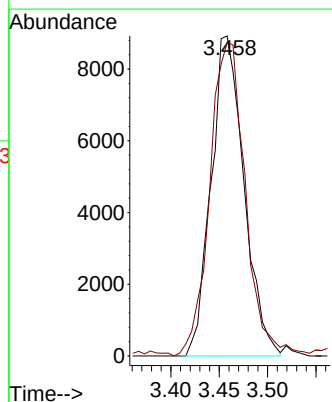
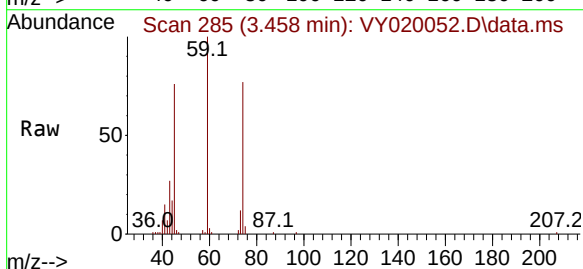
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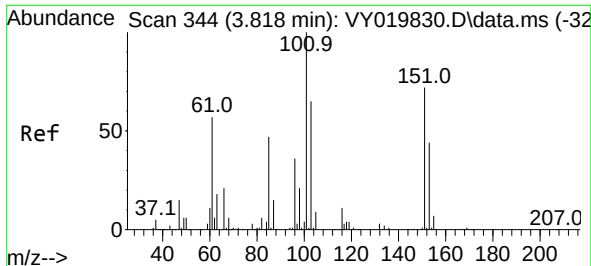
Tgt Ion:101 Resp: 69201
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.226 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

Tgt Ion: 74 Resp: 21104
 Ion Ratio Lower Upper
 74 100
 45 105.7 41.3 124.1

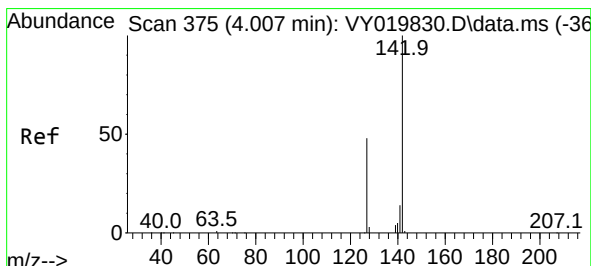
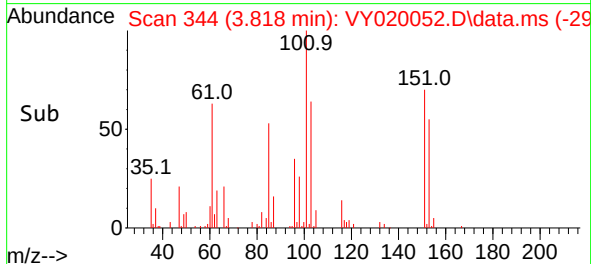
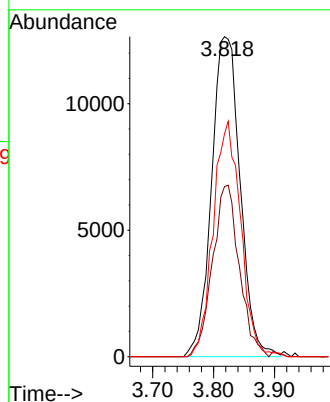
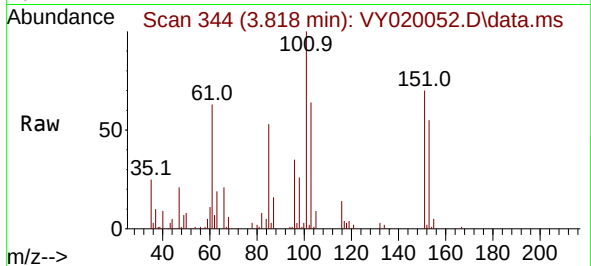




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.612 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

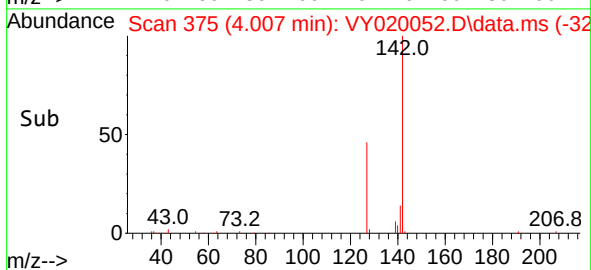
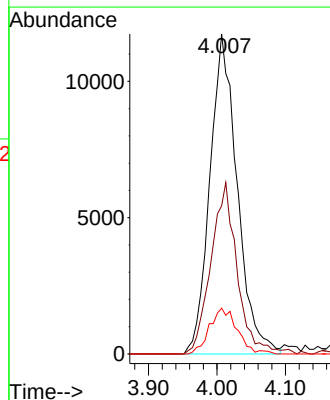
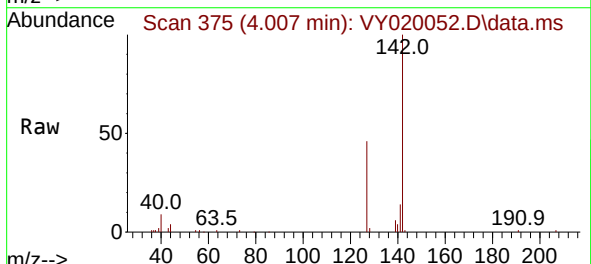
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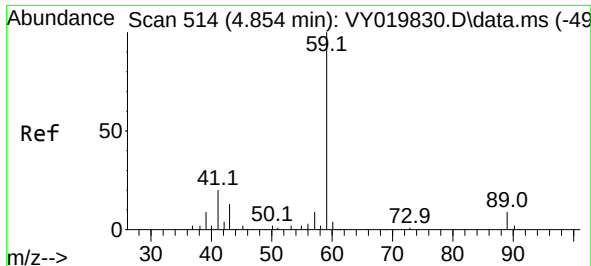
Tgt Ion:101 Resp: 41246
Ion Ratio Lower Upper
101 100
85 50.3 34.5 51.7
151 70.8 61.7 92.5



#10
Methyl Iodide
Concen: 14.499 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion:142 Resp: 32498
Ion Ratio Lower Upper
142 100
127 51.4 32.8 49.2#
141 14.5 11.4 17.2

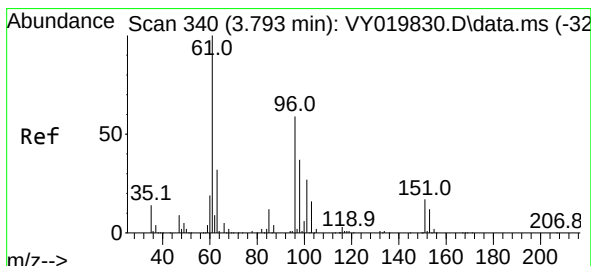
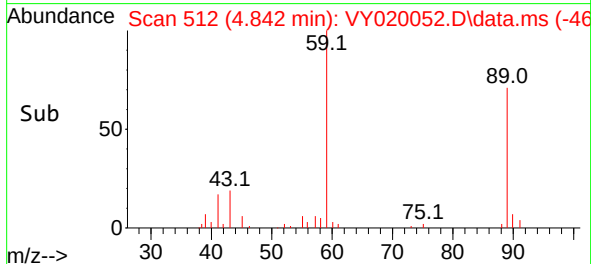
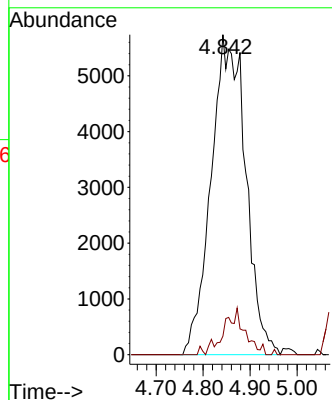
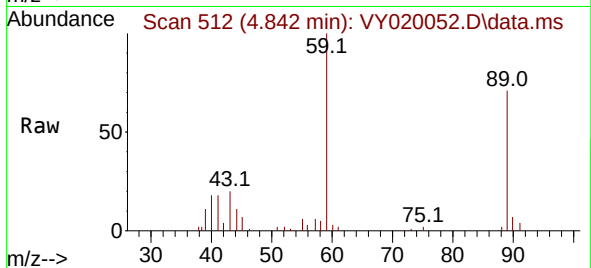




#11
Tert butyl alcohol
Concen: 145.062 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

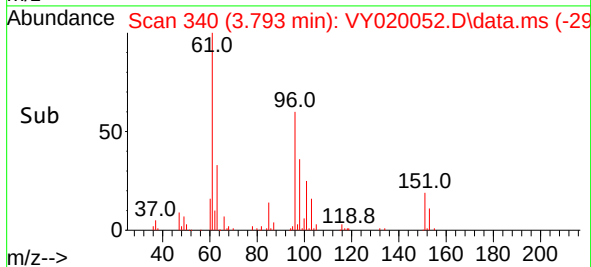
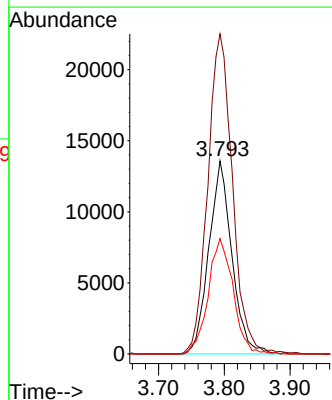
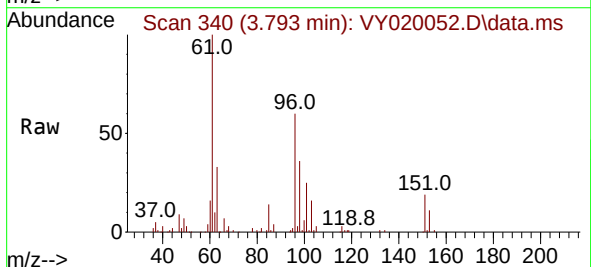
Instrument :
MSVOA_Y
ClientSampleId :

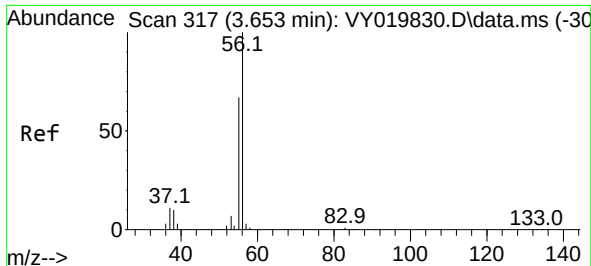
Tgt Ion: 59 Resp: 29201
Ion Ratio Lower Upper
59 100
57 2.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 16.090 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 96 Resp: 33148
Ion Ratio Lower Upper
96 100
61 165.8 114.6 171.8
98 59.8 50.8 76.2





#13

Acrolein

Concen: 71.442 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

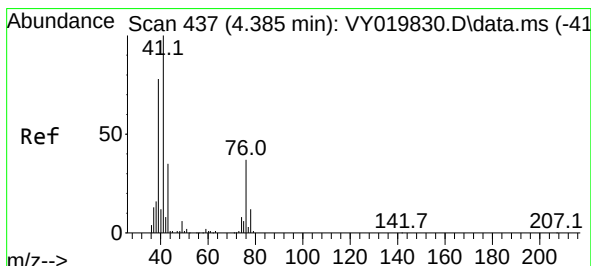
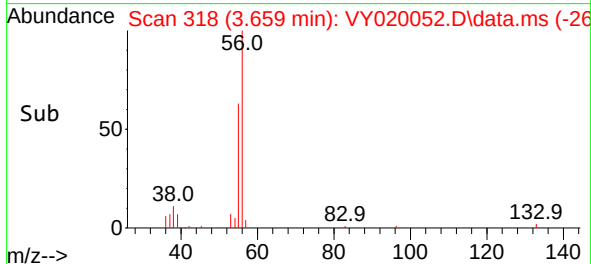
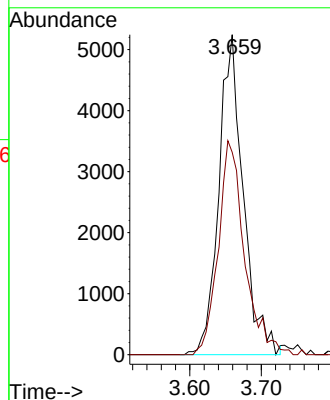
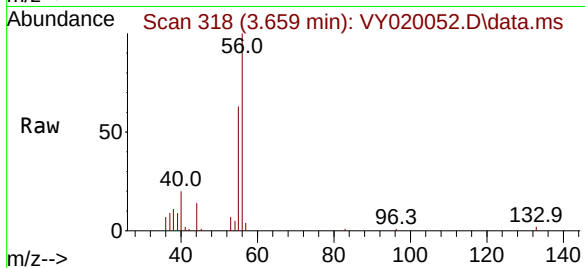
ClientSampleId :

Tgt Ion: 56 Resp: 12413

Ion Ratio Lower Upper

56 100

55 72.0 55.7 83.5



#14

Allyl chloride

Concen: 17.741 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

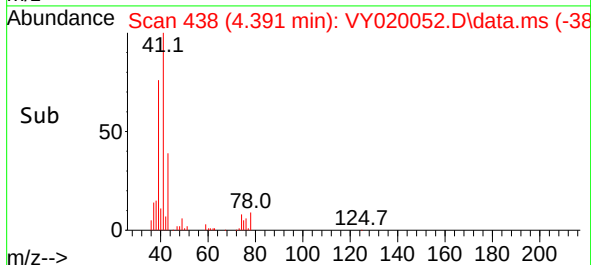
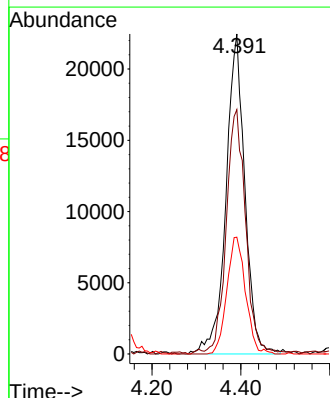
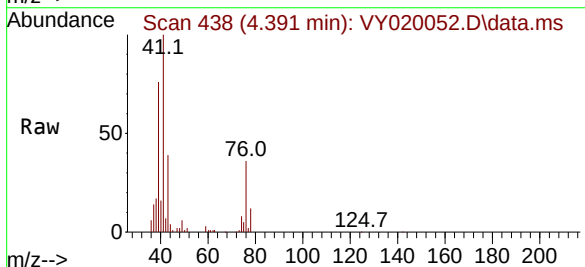
Tgt Ion: 41 Resp: 65947

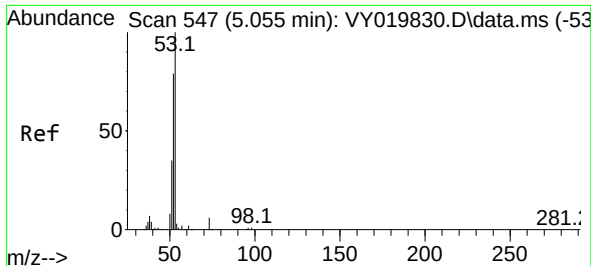
Ion Ratio Lower Upper

41 100

39 75.7 58.3 87.5

76 35.8 39.0 58.6#

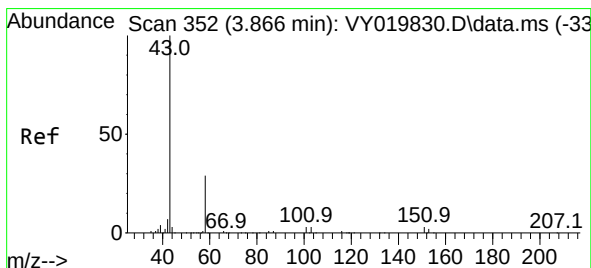
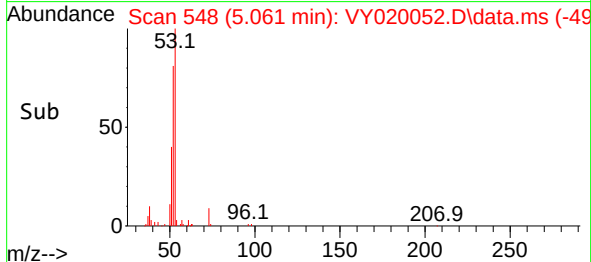
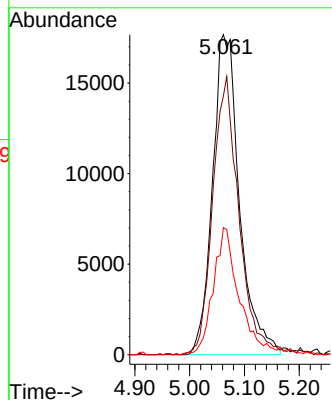
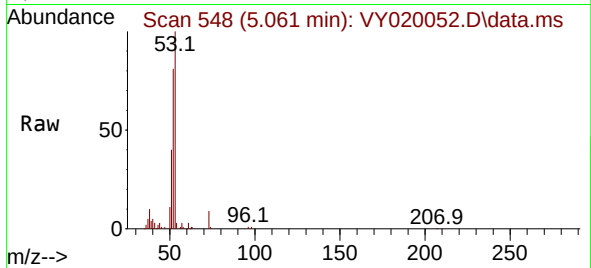




#15
Acrylonitrile
Concen: 114.362 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

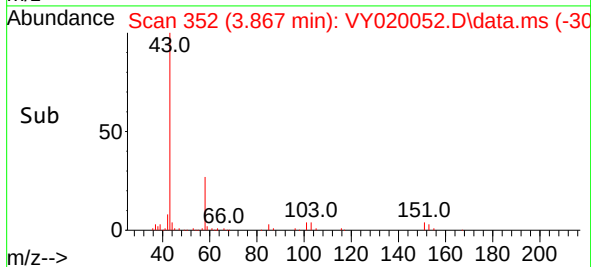
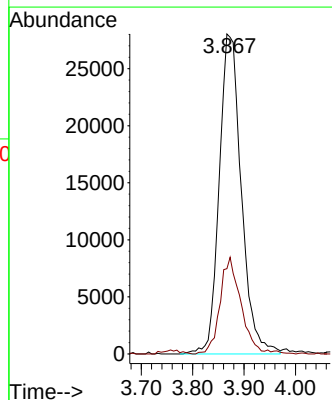
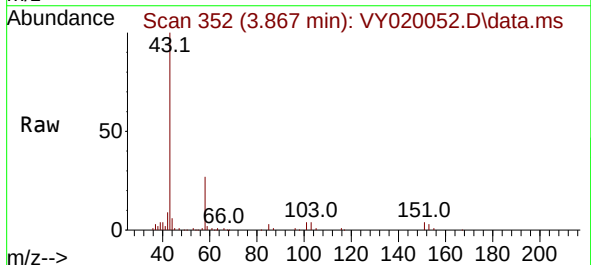
Instrument :
MSVOA_Y
ClientSampleId :

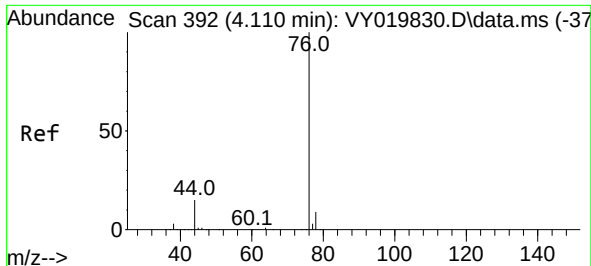
Tgt Ion: 53 Resp: 60569
Ion Ratio Lower Upper
53 100
52 84.4 64.7 97.1
51 37.7 28.4 42.6



#16
Acetone
Concen: 135.932 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 43 Resp: 83672
Ion Ratio Lower Upper
43 100
58 26.2 31.7 47.5#

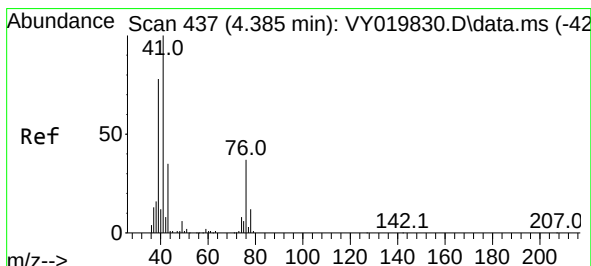
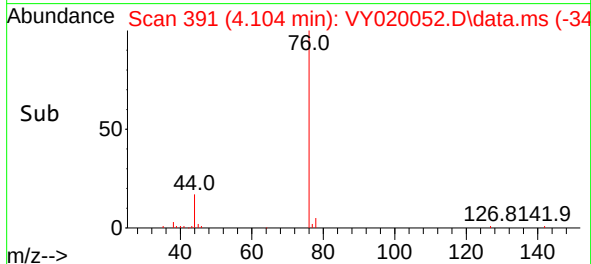
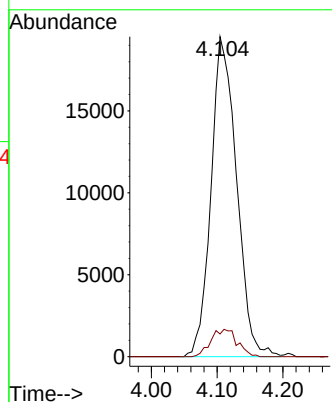
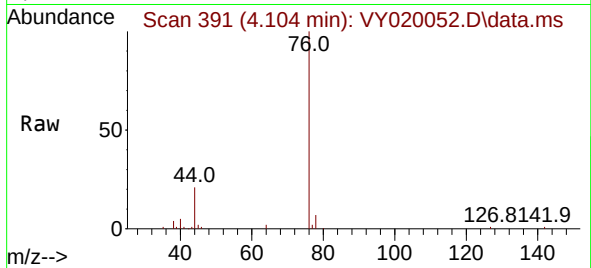




#17
Carbon Disulfide
Concen: 9.550 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

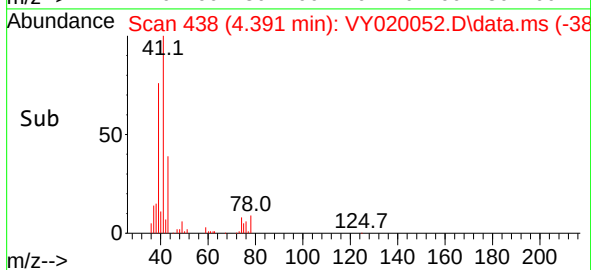
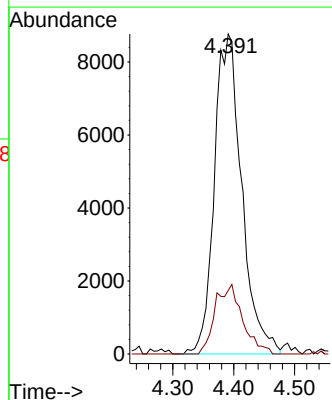
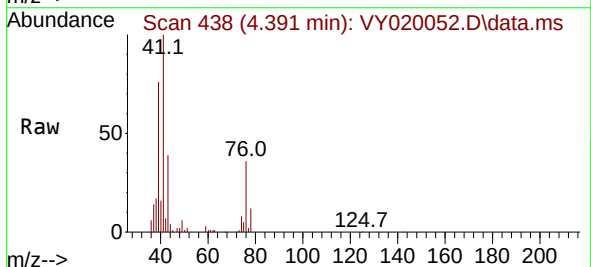
Instrument :
MSVOA_Y
ClientSampleId :

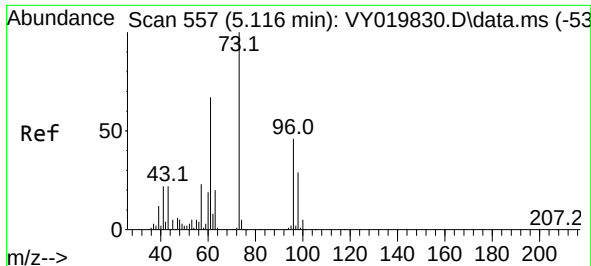
Tgt Ion: 76 Resp: 52736
Ion Ratio Lower Upper
76 100
78 7.1 6.8 10.2



#18
Methyl Acetate
Concen: 20.629 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 43 Resp: 27354
Ion Ratio Lower Upper
43 100
74 21.8 23.3 34.9#

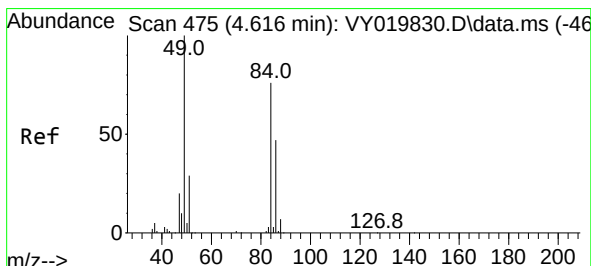
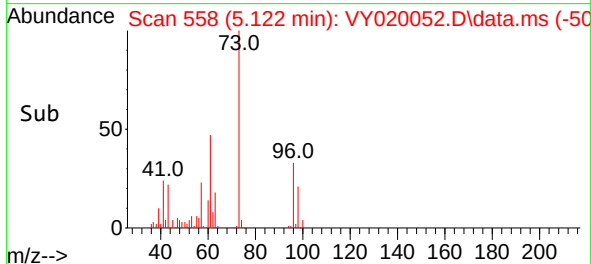
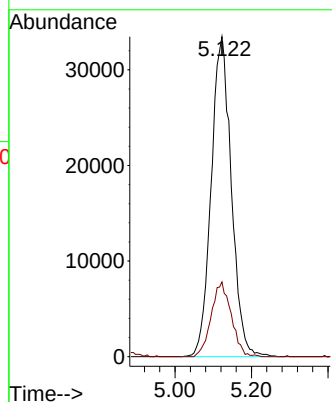
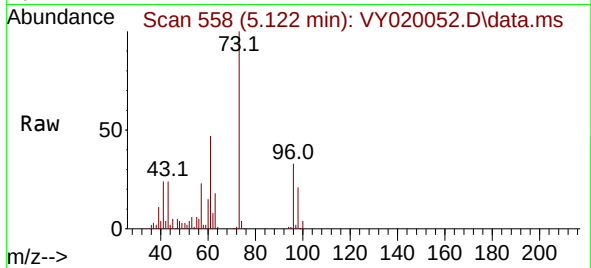




#19
Methyl tert-butyl Ether
Concen: 20.717 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

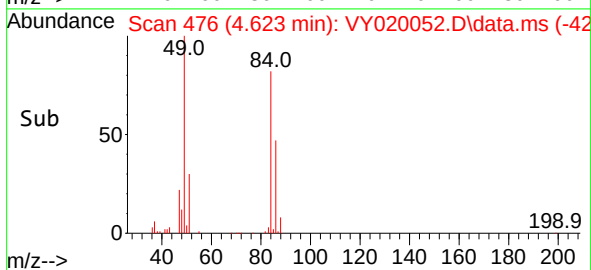
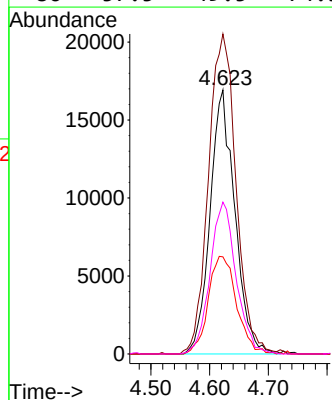
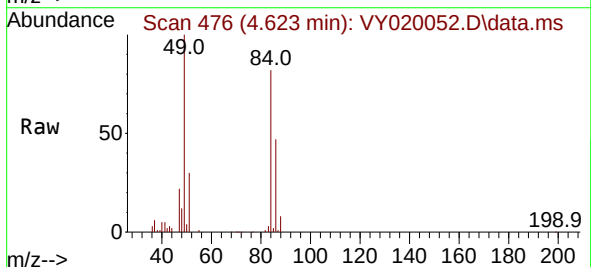
Instrument :
MSVOA_Y
ClientSampleId :

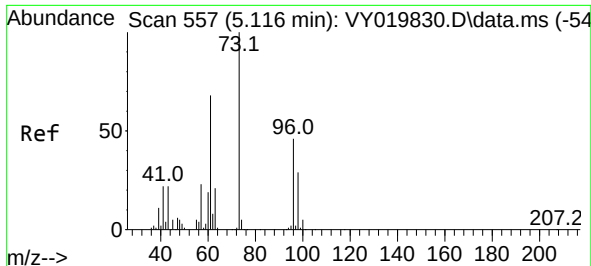
Tgt Ion: 73 Resp: 122621
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.400 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

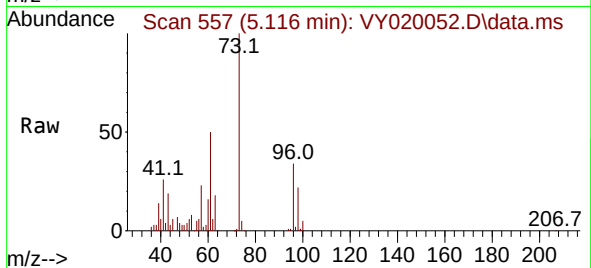
Tgt Ion: 84 Resp: 49722
Ion Ratio Lower Upper
84 100
49 121.2 84.4 126.6
51 36.8 26.0 39.0
86 57.5 49.5 74.3



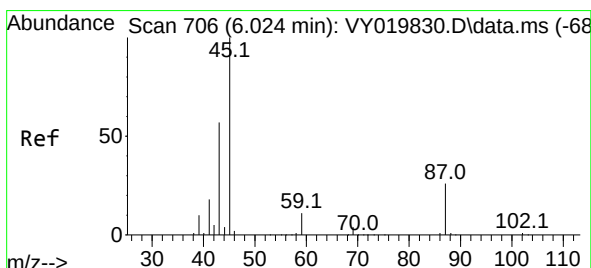
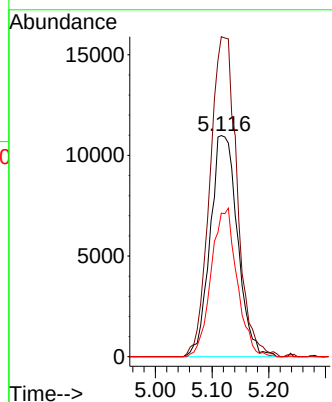
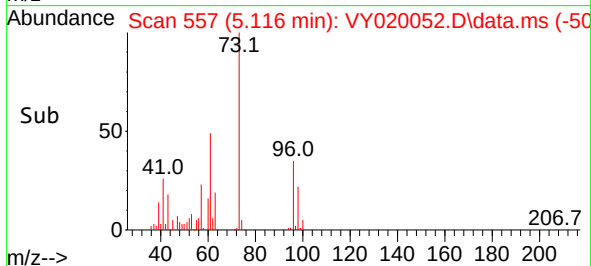


#21
trans-1,2-Dichloroethene
Concen: 16.418 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

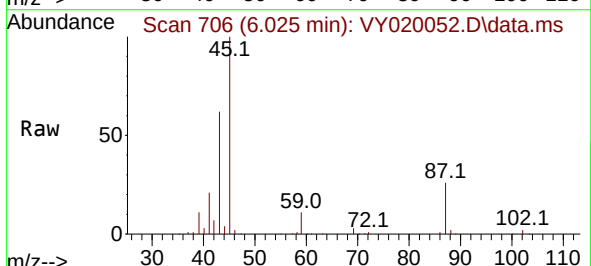
Instrument :
MSVOA_Y
ClientSampleId :



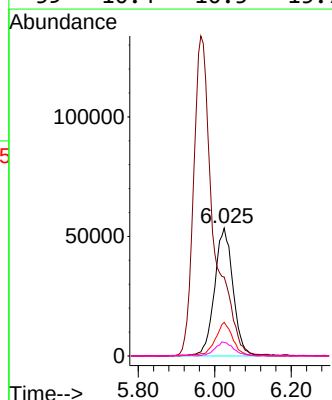
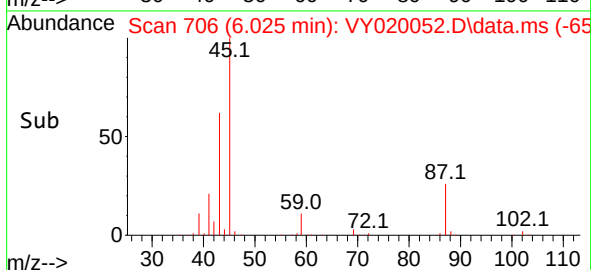
Tgt Ion: 96 Resp: 36813
Ion Ratio Lower Upper
96 100
61 144.7 97.5 146.3
98 64.9 50.5 75.7

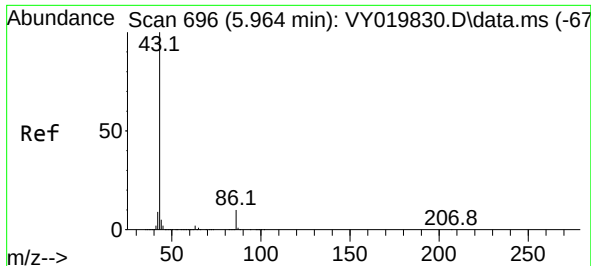


#22
Diisopropyl ether
Concen: 22.226 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27



Tgt Ion: 45 Resp: 179961
Ion Ratio Lower Upper
45 100
43 61.2 42.2 63.2
87 26.3 25.0 37.6
59 10.4 10.5 15.7#

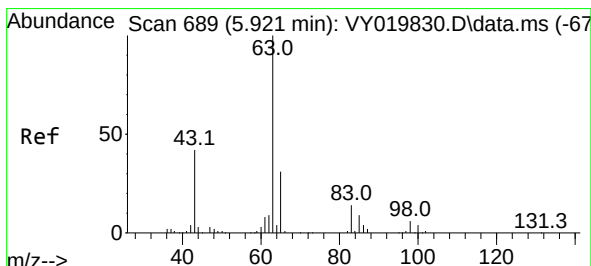
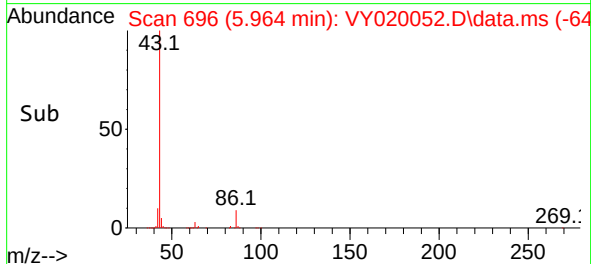
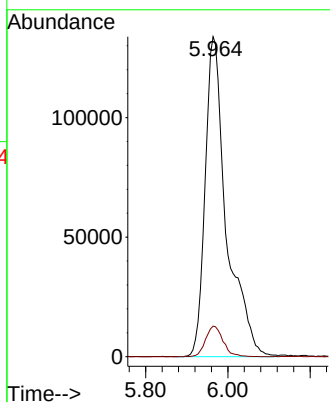
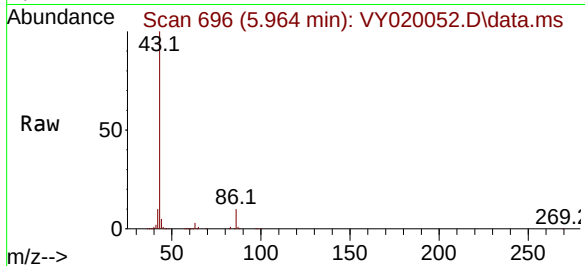




#23
 Vinyl Acetate
 Concen: 103.947 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

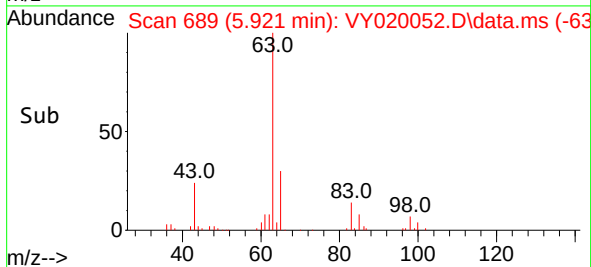
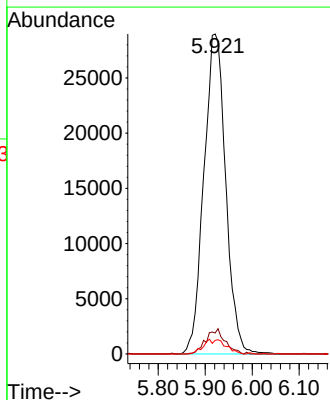
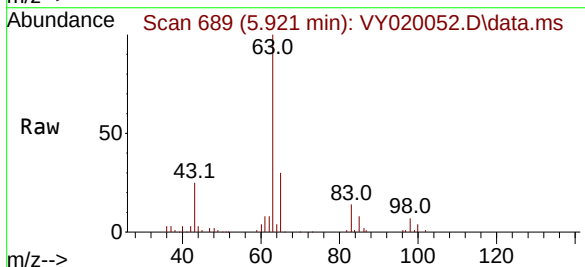
Instrument :
 MSVOA_Y
 ClientSampleId :

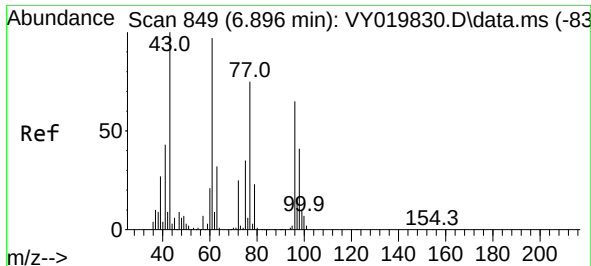
Tgt Ion: 43 Resp: 482500
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 20.773 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

Tgt Ion: 63 Resp: 93498
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.2 2.6 8.0

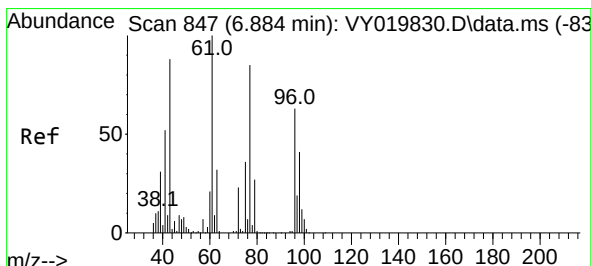
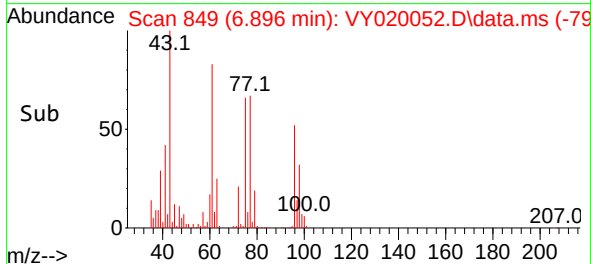
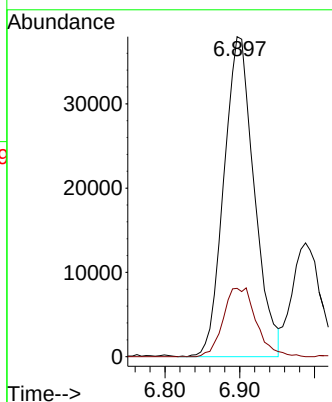
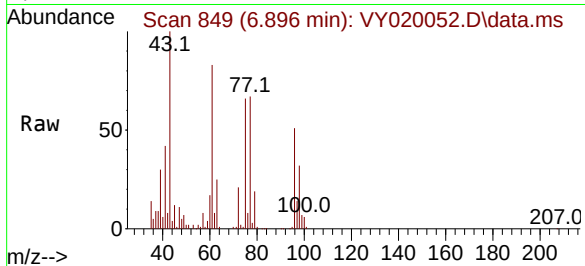




#25
2-Butanone
Concen: 130.068 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

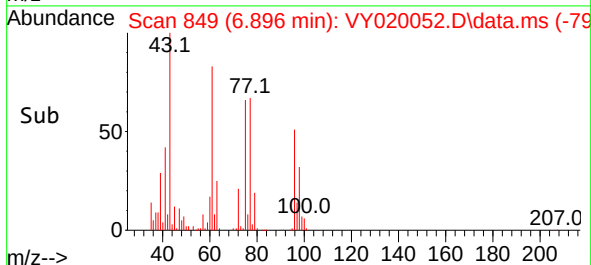
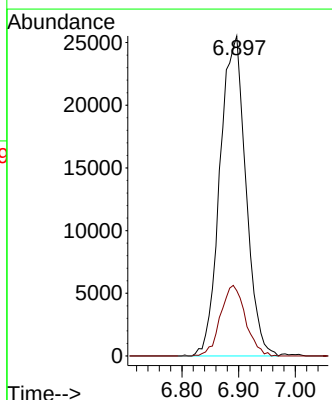
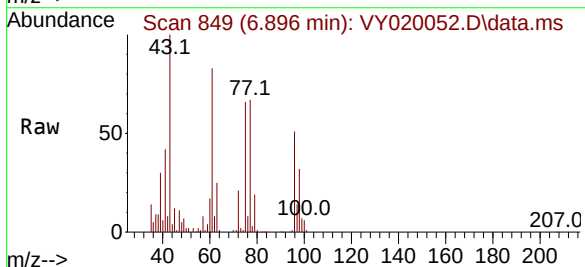
Instrument :
MSVOA_Y
ClientSampleId :

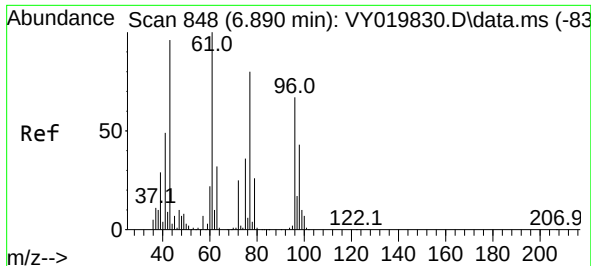
Tgt Ion: 43 Resp: 107166
Ion Ratio Lower Upper
43 100
72 21.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 20.137 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

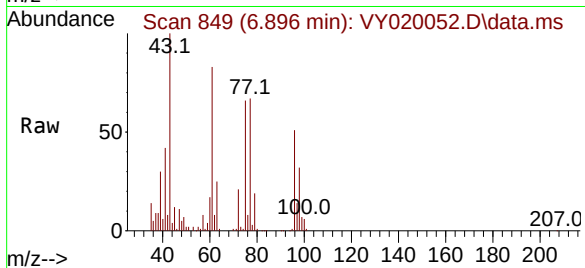
Tgt Ion: 77 Resp: 80717
Ion Ratio Lower Upper
77 100
97 21.4 12.0 36.1



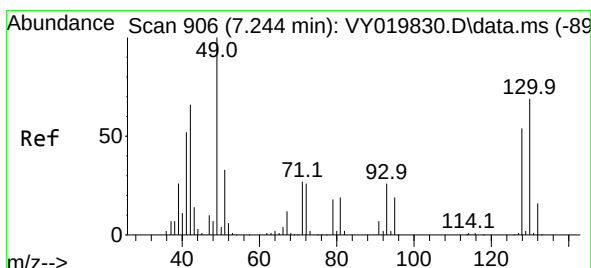
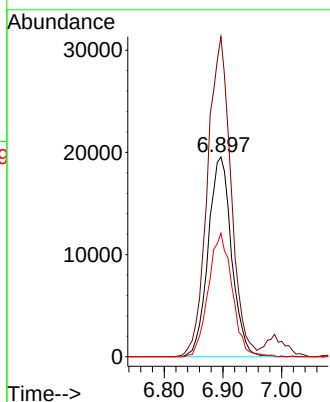
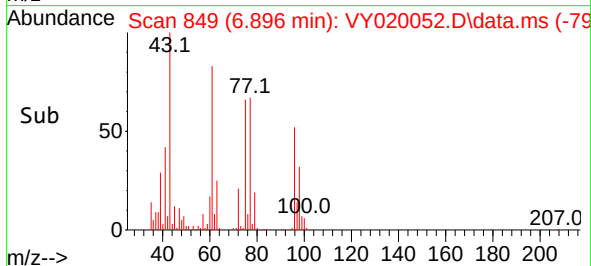


#27
 cis-1,2-Dichloroethene
 Concen: 19.493 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.007 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :

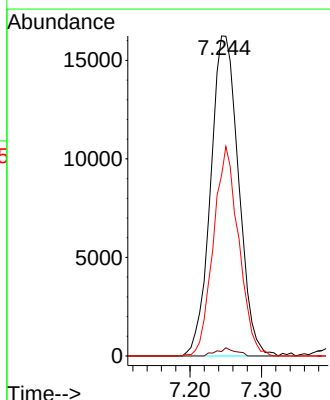
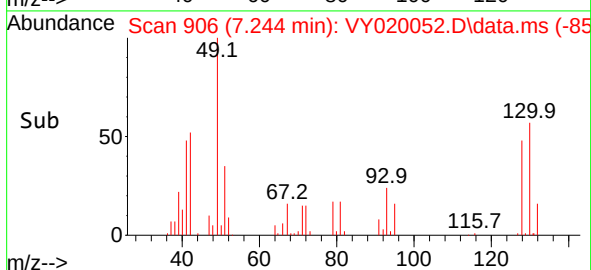
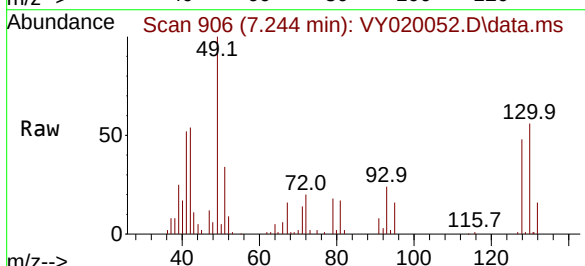


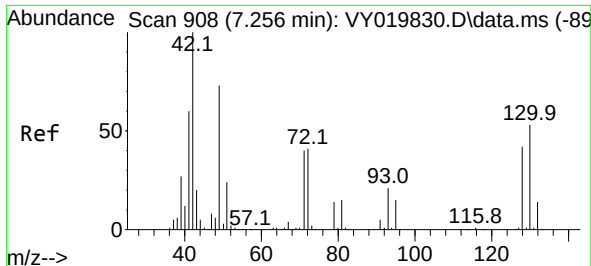
Tgt Ion: 96 Resp: 54014
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 256.2
 98 62.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.266 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

Tgt Ion: 49 Resp: 44110
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 59.2 72.7 109.1#





#29

Tetrahydrofuran

Concen: 108.624 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

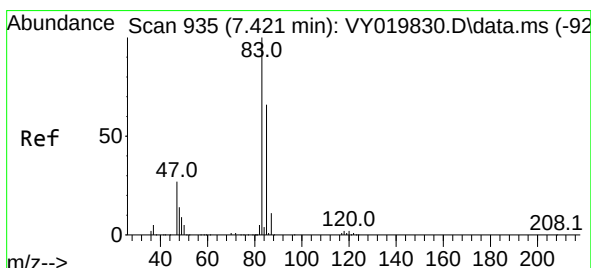
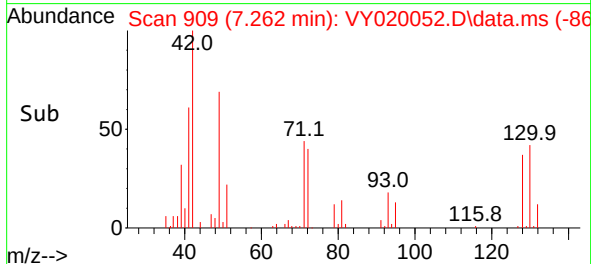
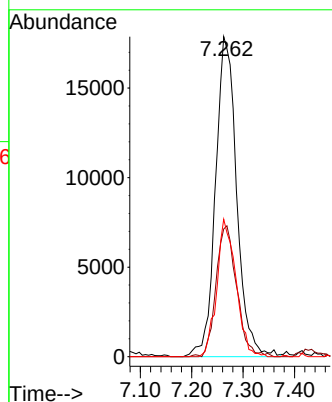
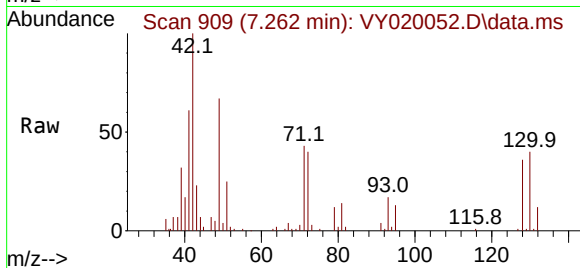
Tgt Ion: 42 Resp: 51101

Ion Ratio Lower Upper

42 100

72 39.9 43.0 64.4#

71 38.8 40.8 61.2#



#30

Chloroform

Concen: 21.992 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY020052.D

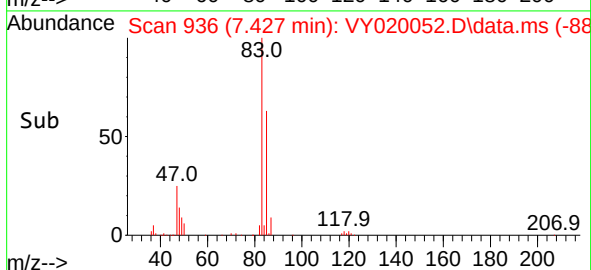
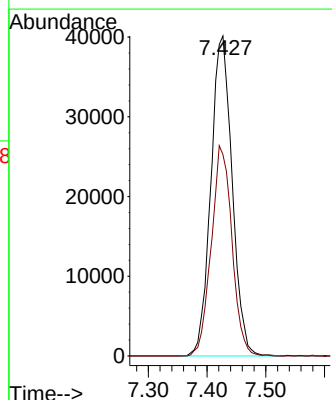
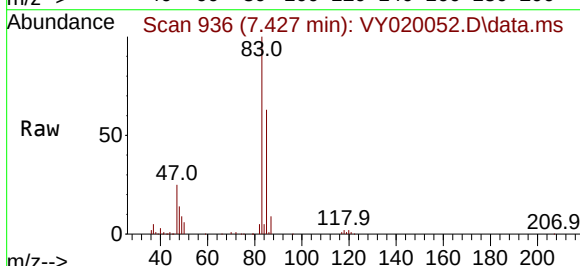
Acq: 29 Oct 2024 11:27

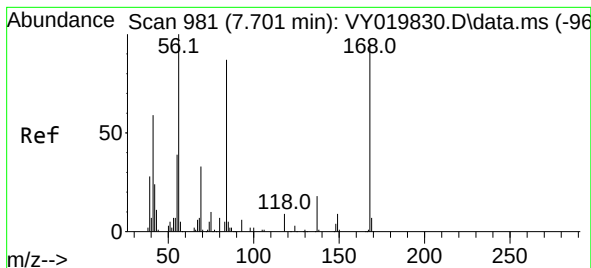
Tgt Ion: 83 Resp: 100901

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4





#31

Cyclohexane

Concen: 15.767 ug/l

RT: 7.707 min Scan# 981

Delta R.T. 0.007 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

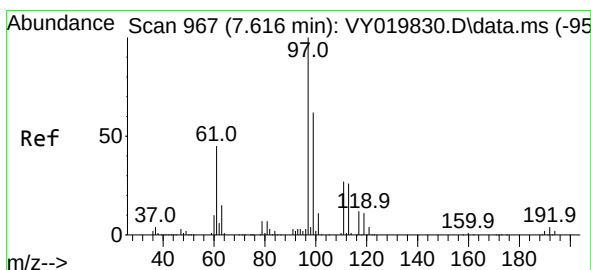
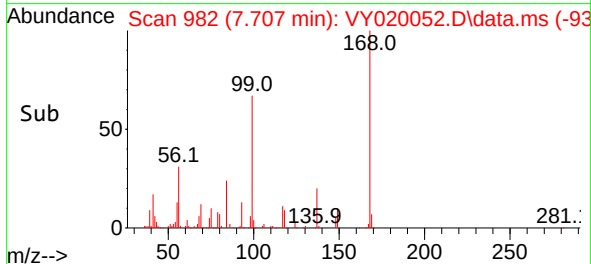
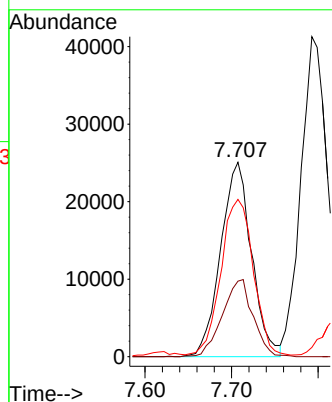
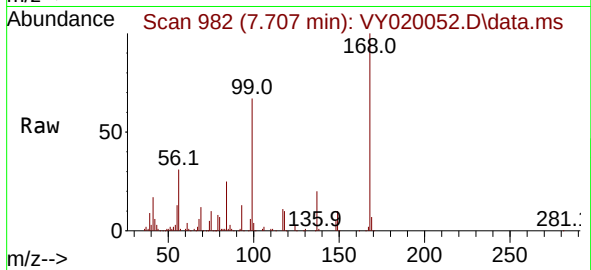
Tgt Ion: 56 Resp: 62294

Ion Ratio Lower Upper

56 100

69 38.9 28.7 43.1

84 79.7 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 19.806 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

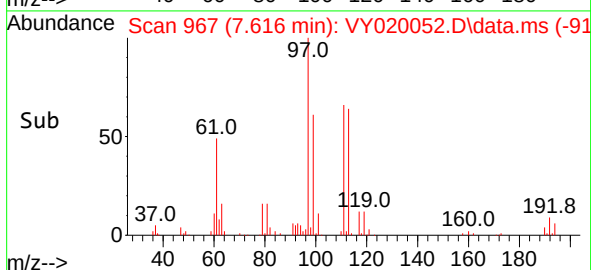
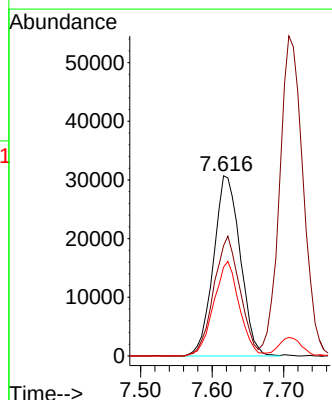
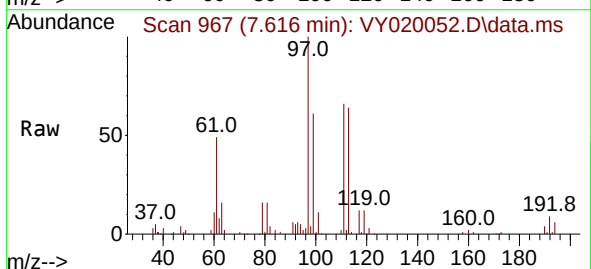
Tgt Ion: 97 Resp: 79637

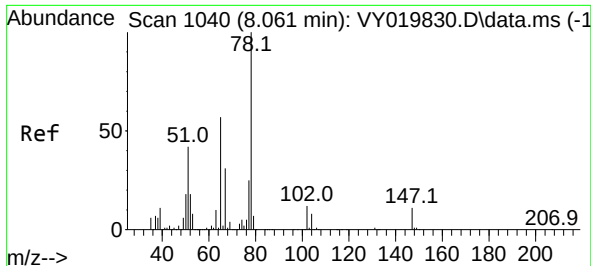
Ion Ratio Lower Upper

97 100

99 65.3 50.3 75.5

61 50.6 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 55.572 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.007 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

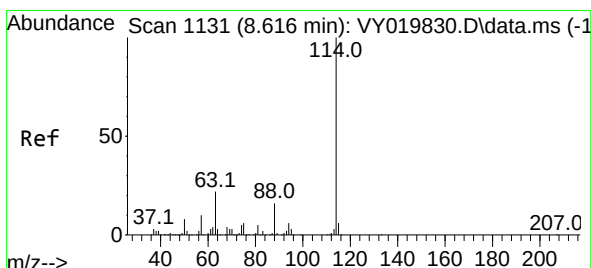
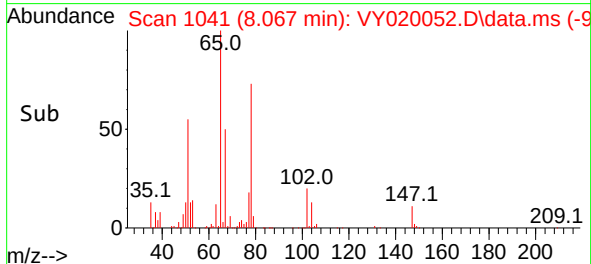
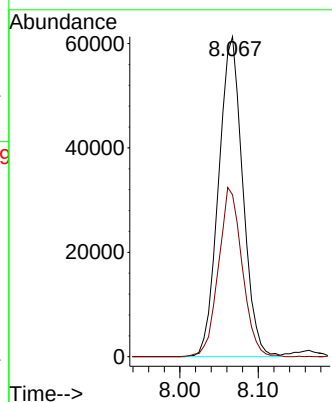
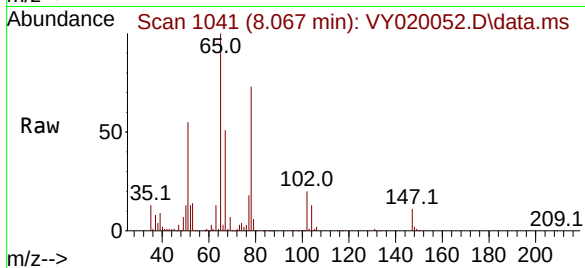
ClientSampleId :

Tgt Ion: 65 Resp: 131406

Ion Ratio Lower Upper

65 100

67 51.9 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: VY020052.D

Acq: 29 Oct 2024 11:27

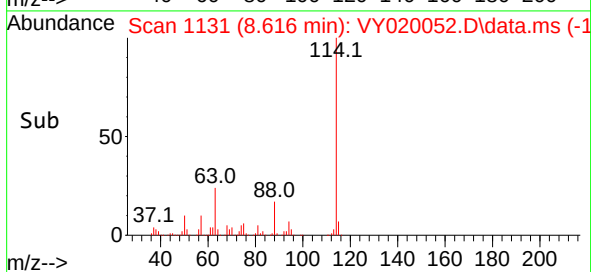
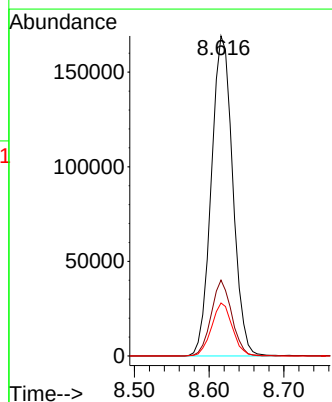
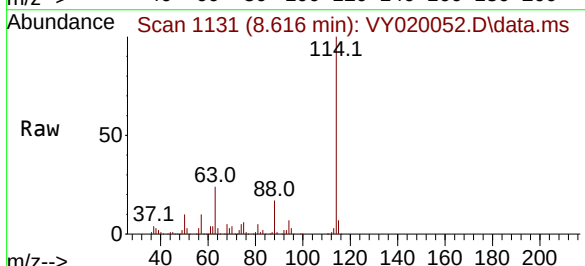
Tgt Ion: 114 Resp: 336078

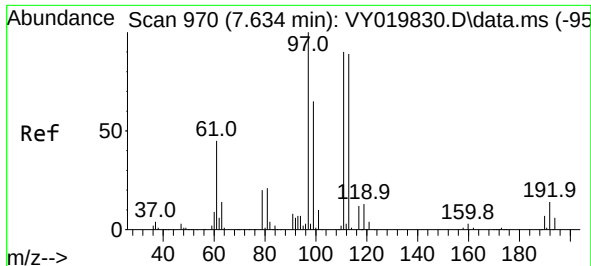
Ion Ratio Lower Upper

114 100

63 23.7 0.0 35.0

88 16.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.246 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.007 min

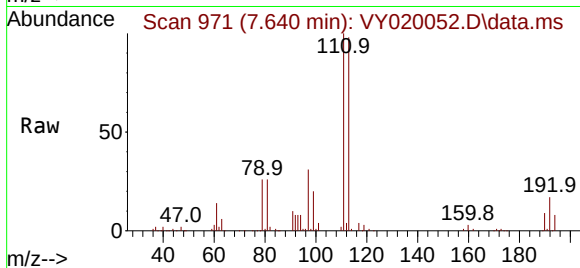
Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :



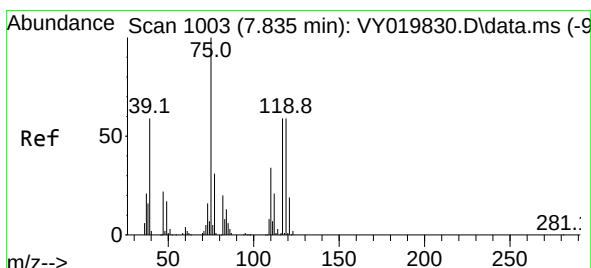
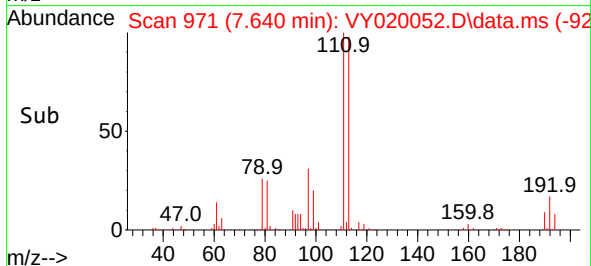
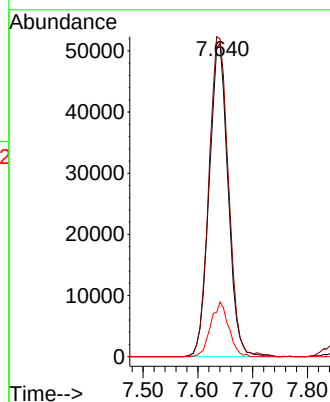
Tgt Ion:113 Resp: 122522

Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.4

192 16.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 17.720 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

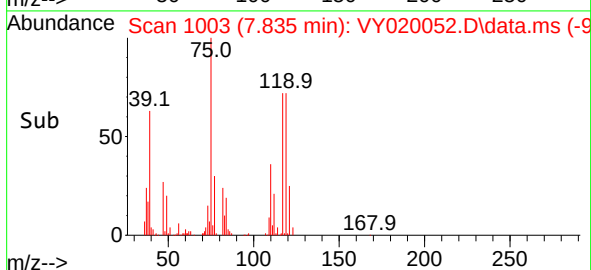
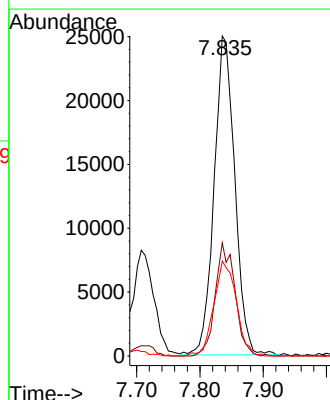
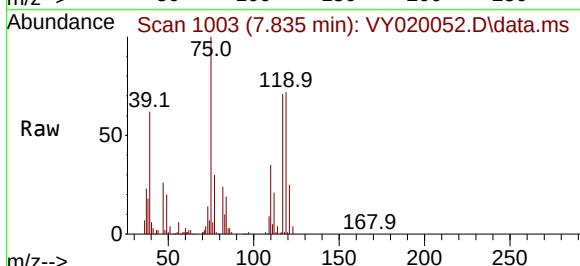
Tgt Ion: 75 Resp: 56618

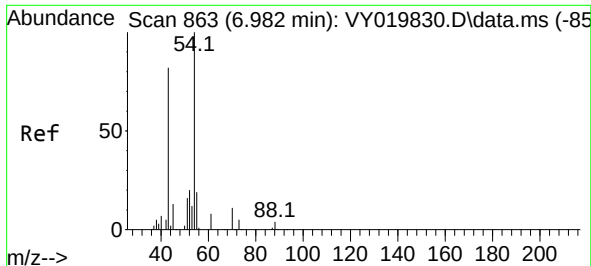
Ion Ratio Lower Upper

75 100

110 33.7 19.0 57.0

77 32.2 25.3 37.9

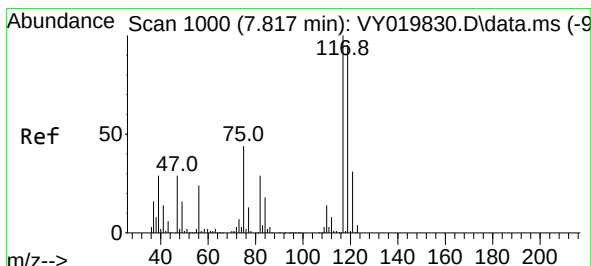
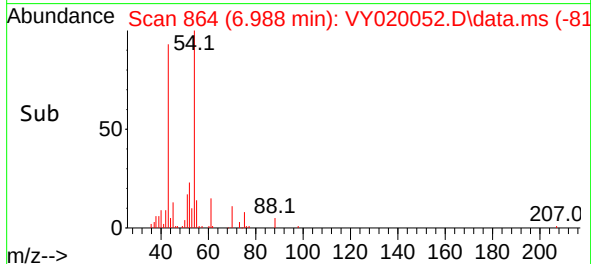
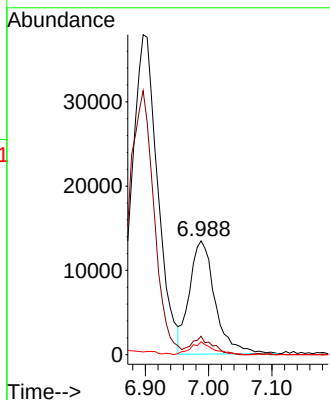
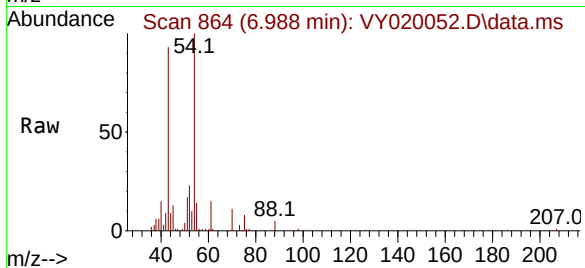




#37
Ethyl Acetate
Concen: 22.734 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

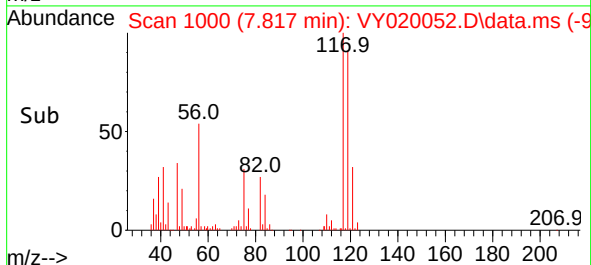
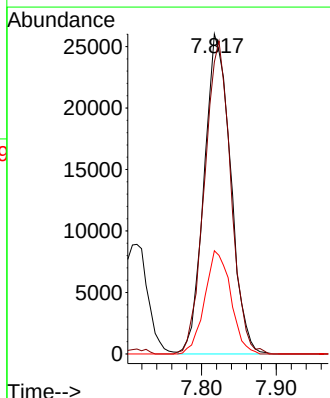
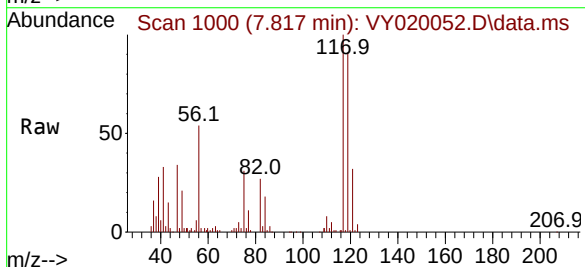
Instrument :
MSVOA_Y
ClientSampleId :

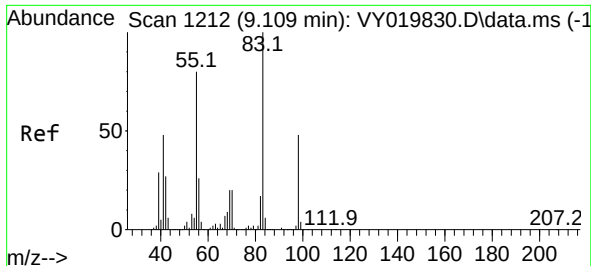
Tgt Ion: 43 Resp: 37875
Ion Ratio Lower Upper
43 100
61 13.3 12.6 19.0
70 9.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.681 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 117 Resp: 63985
Ion Ratio Lower Upper
117 100
119 91.3 75.8 113.6
121 32.3 24.0 36.0





#39

Methylcyclohexane

Concen: 15.201 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

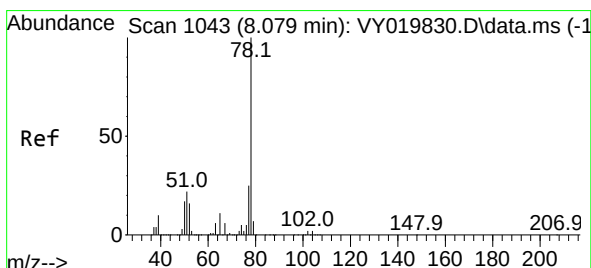
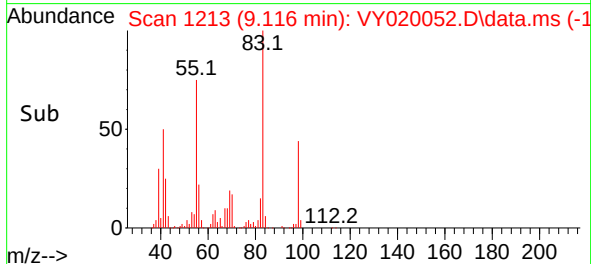
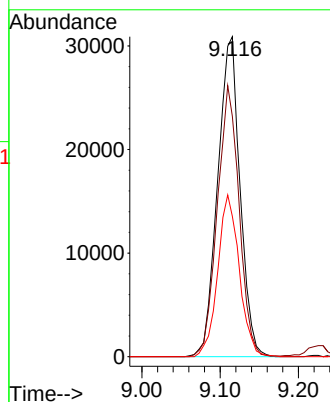
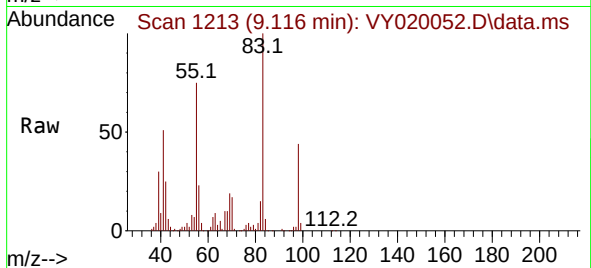
Tgt Ion: 83 Resp: 61197

Ion Ratio Lower Upper

83 100

55 75.1 51.5 77.3

98 43.8 40.5 60.7



#40

Benzene

Concen: 19.033 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.007 min

Lab File: VY020052.D

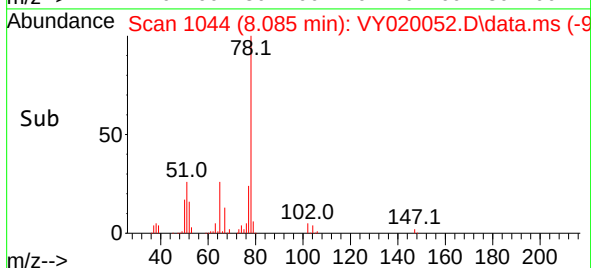
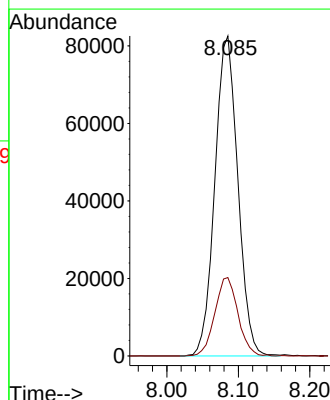
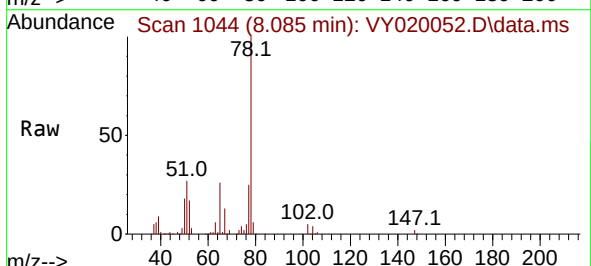
Acq: 29 Oct 2024 11:27

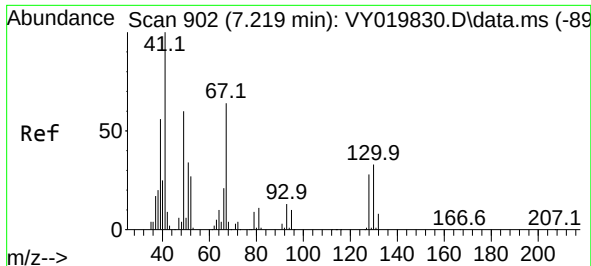
Tgt Ion: 78 Resp: 184035

Ion Ratio Lower Upper

78 100

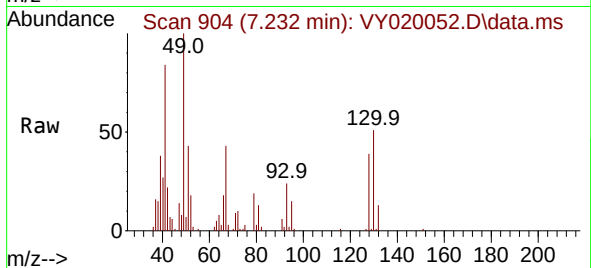
77 24.5 19.5 29.3



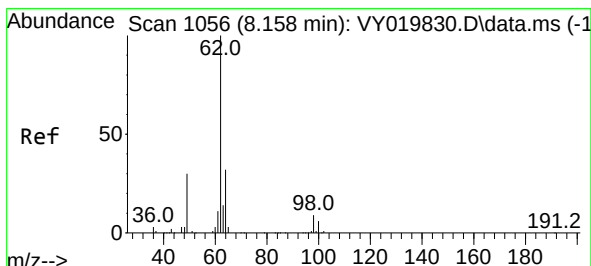
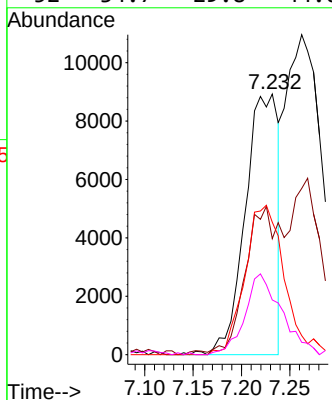
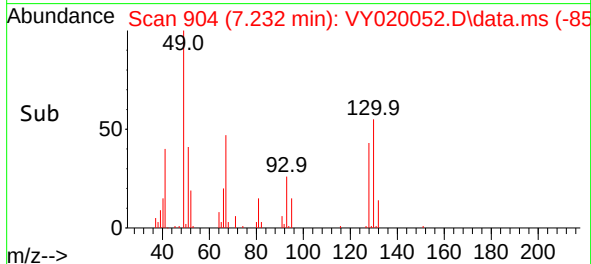


#41
Methacrylonitrile
Concen: 23.486 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :

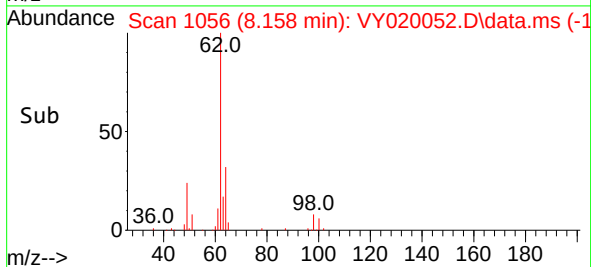
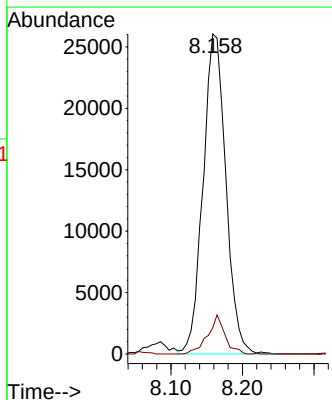
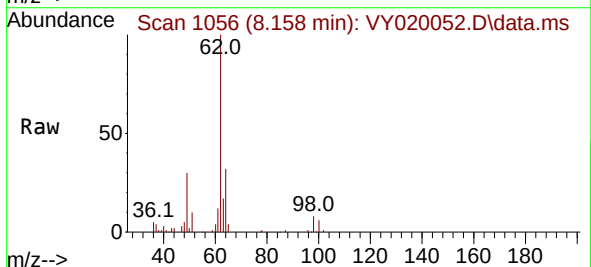


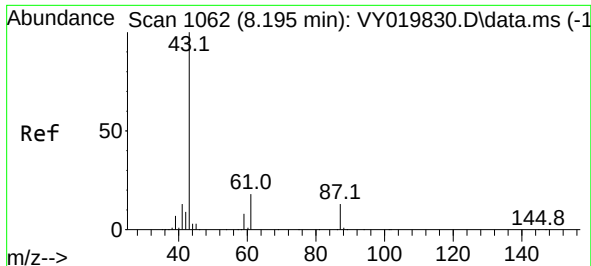
Tgt Ion:	41	Resp:	21177
Ion	Ratio	Lower	Upper
41	100		
39	62.1	48.0	72.0
67	69.7	75.1	112.7#
52	34.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.814 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion:	62	Resp:	57820
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	22.0

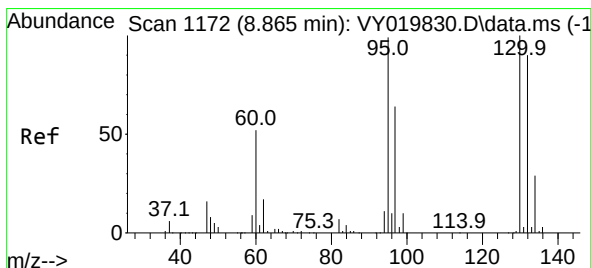
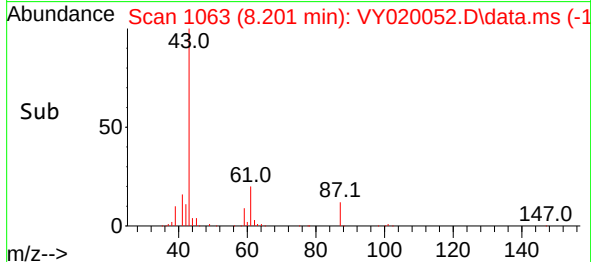
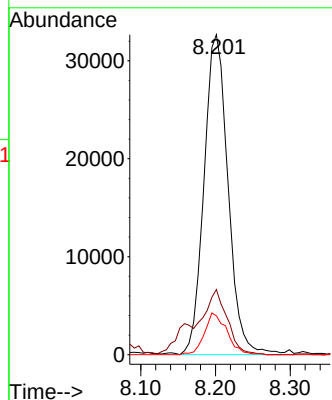
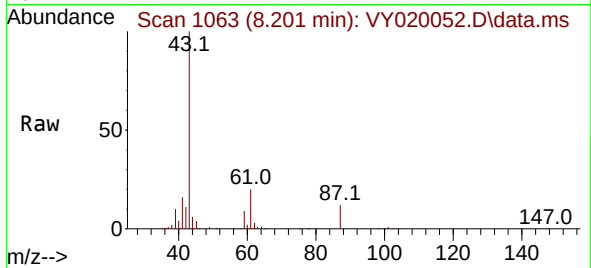




#43
Isopropyl Acetate
Concen: 21.500 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

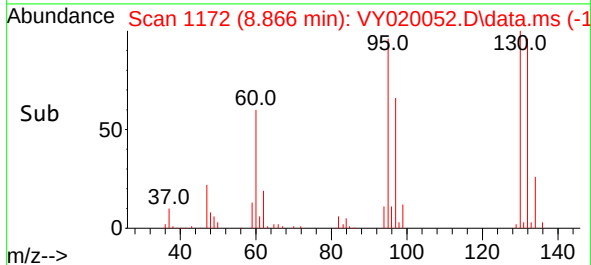
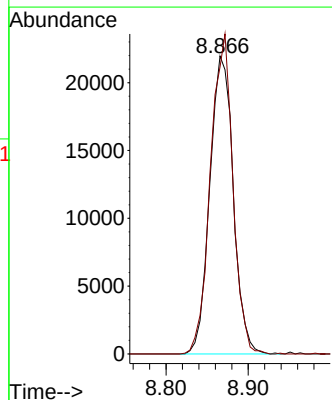
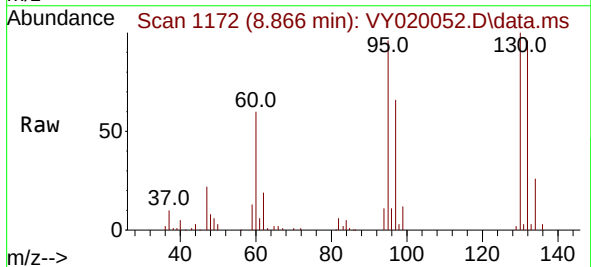
Instrument :
MSVOA_Y
ClientSampleId :

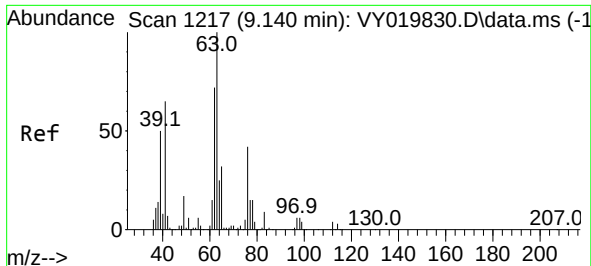
Tgt Ion: 43 Resp: 73050
Ion Ratio Lower Upper
43 100
61 20.0 27.9 41.9#
87 12.2 13.1 19.7#



#44
Trichloroethene
Concen: 18.602 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion:130 Resp: 43565
Ion Ratio Lower Upper
130 100
95 96.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.178 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.007 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

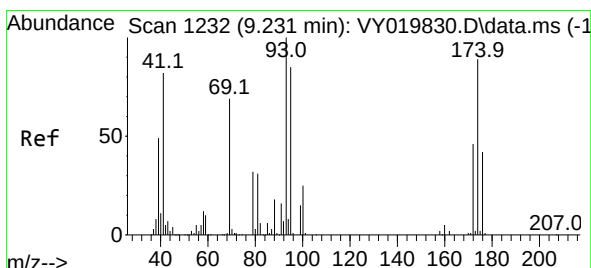
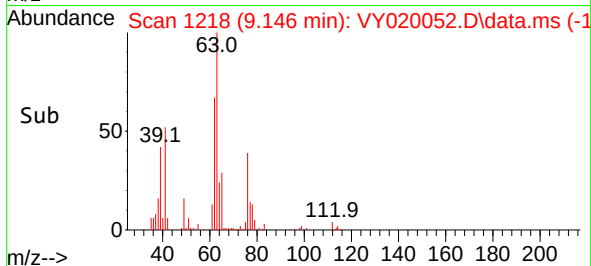
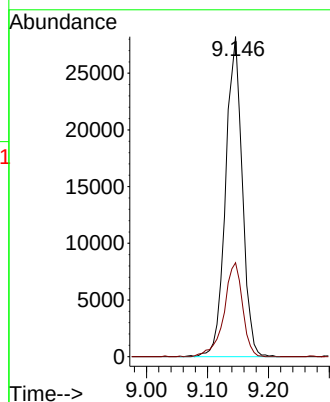
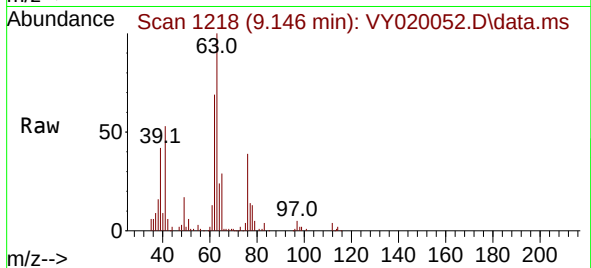
ClientSampleId :

Tgt Ion: 63 Resp: 53675

Ion Ratio Lower Upper

63 100

65 29.4 25.4 38.2



#46

Dibromomethane

Concen: 19.879 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

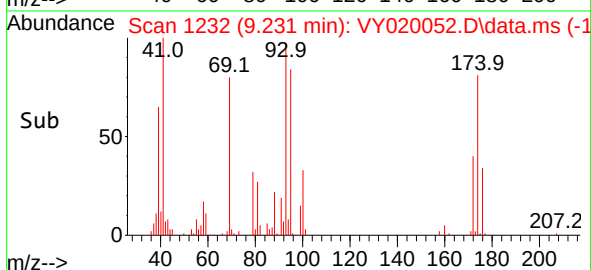
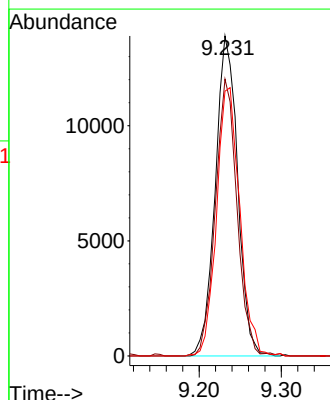
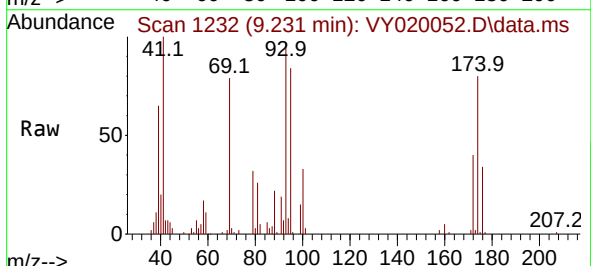
Tgt Ion: 93 Resp: 26286

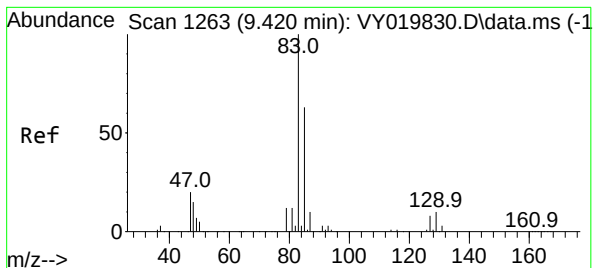
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 87.0 80.9 121.3





#47

Bromodichloromethane

Concen: 22.027 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

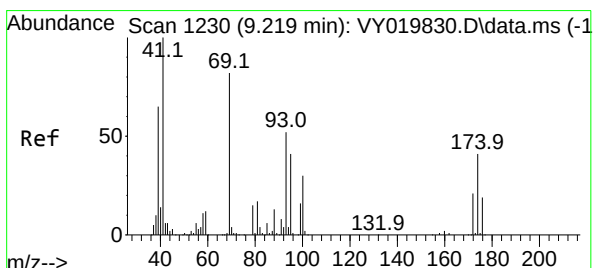
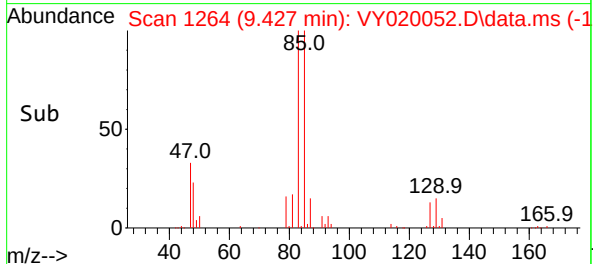
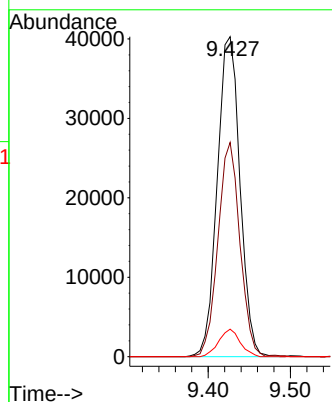
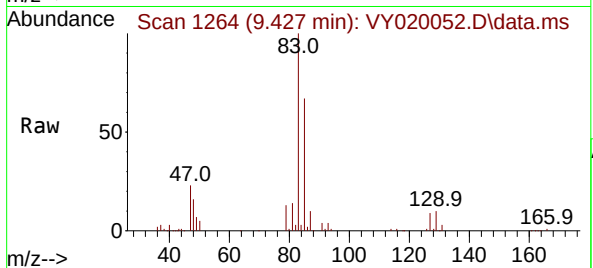
Tgt Ion: 83 Resp: 77311

Ion Ratio Lower Upper

83 100

85 66.9 50.1 75.1

127 8.6 7.4 11.0



#48

Methyl methacrylate

Concen: 21.564 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.007 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

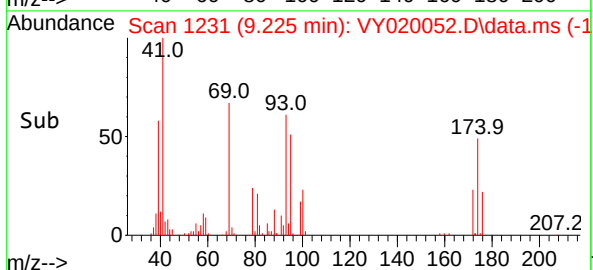
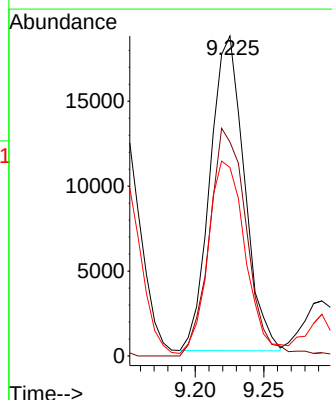
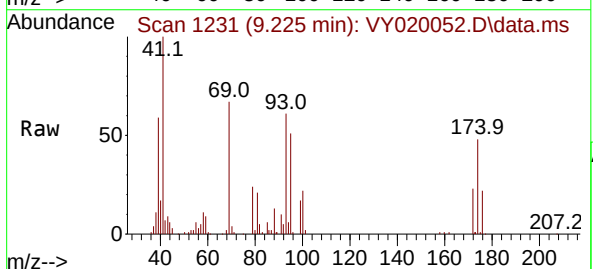
Tgt Ion: 41 Resp: 32229

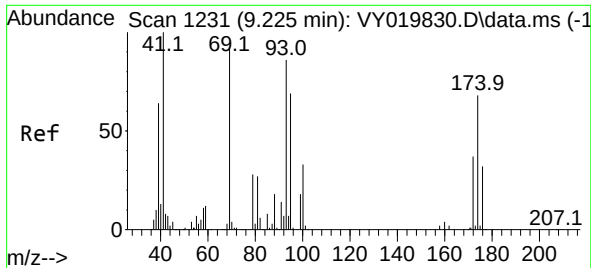
Ion Ratio Lower Upper

41 100

69 79.0 84.1 126.1#

39 67.0 43.6 65.4#

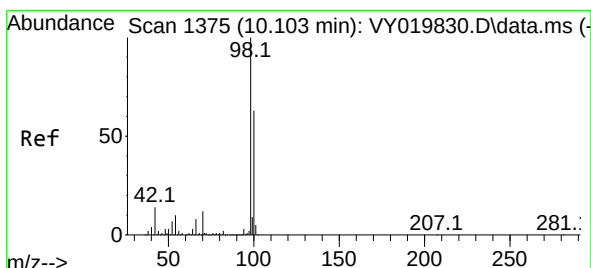
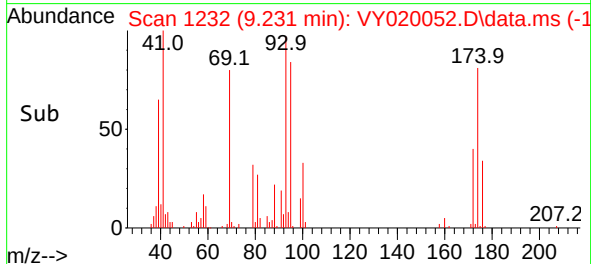
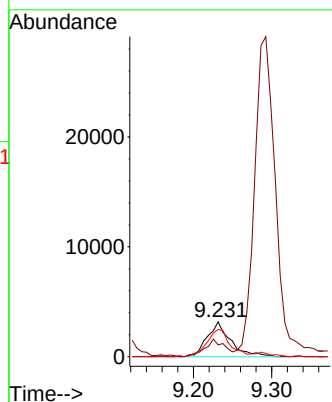
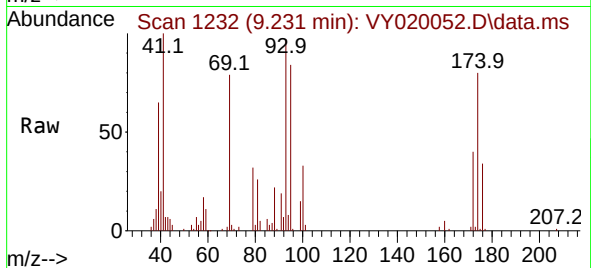




#49
1,4-Dioxane
Concen: 445.819 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

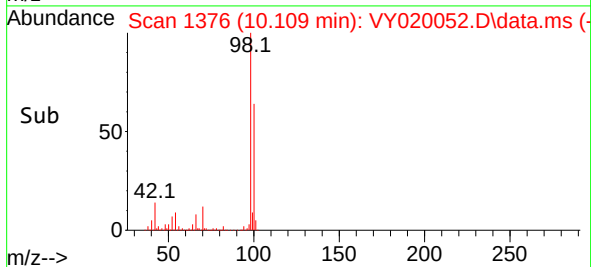
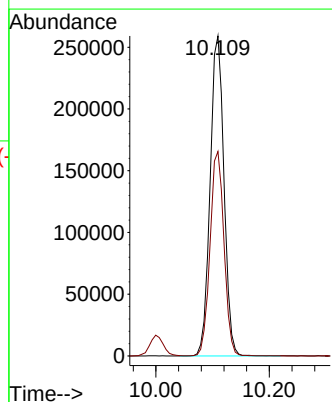
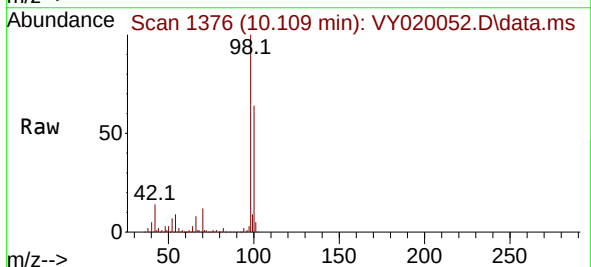
Instrument :
MSVOA_Y
ClientSampleId :

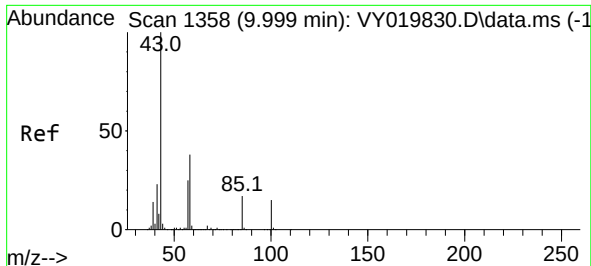
Tgt Ion: 88 Resp: 6598
Ion Ratio Lower Upper
88 100
43 41.8 0.0 0.0#
58 77.8 49.3 73.9#



#50
Toluene-d8
Concen: 53.617 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 98 Resp: 439117
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

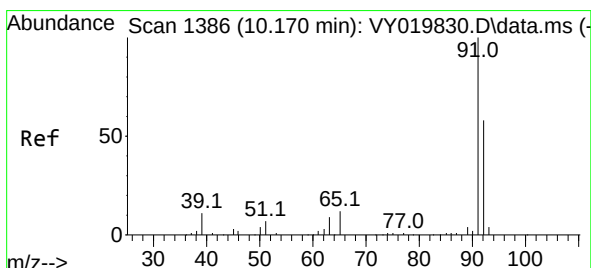
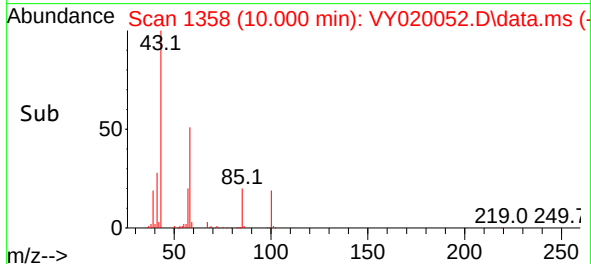
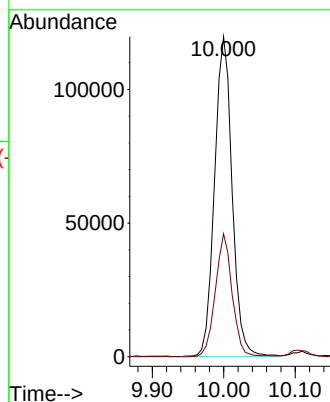
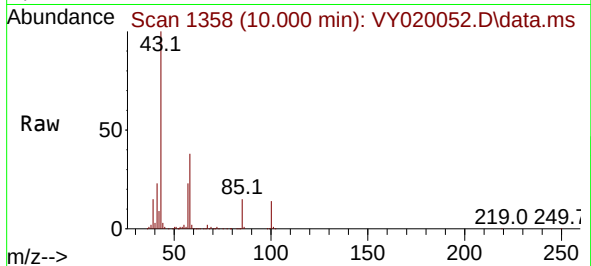




#51
4-Methyl-2-Pentanone
Concen: 118.293 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

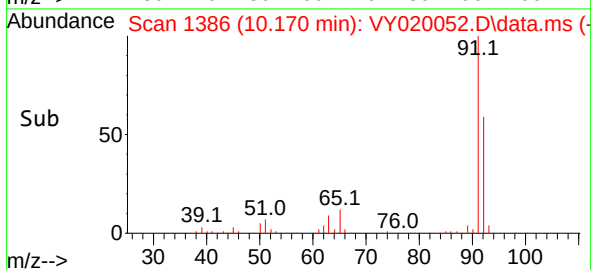
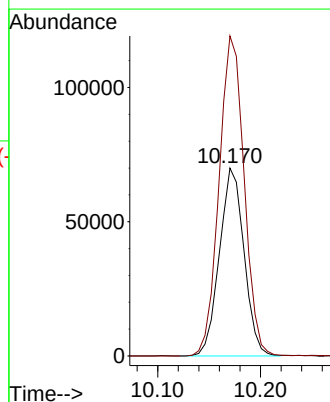
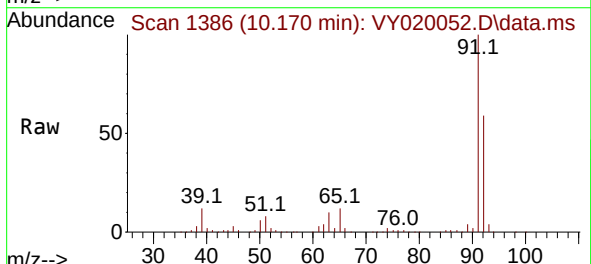
Instrument :
MSVOA_Y
ClientSampleId :

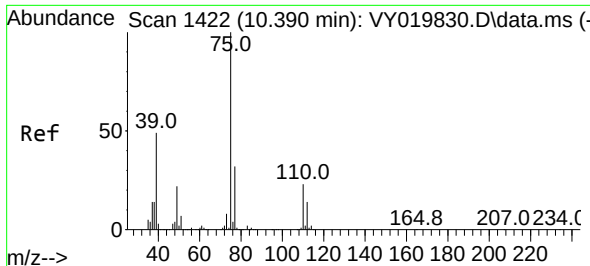
Tgt Ion: 43 Resp: 205007
Ion Ratio Lower Upper
43 100
58 36.7 35.7 53.5



#52
Toluene
Concen: 19.252 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 92 Resp: 116202
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.6

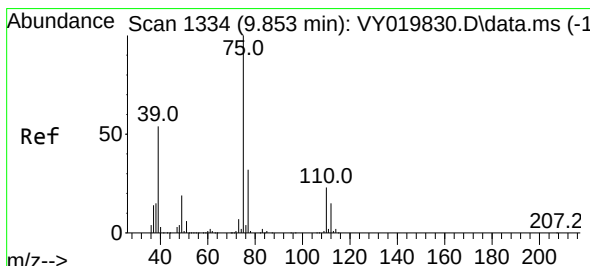
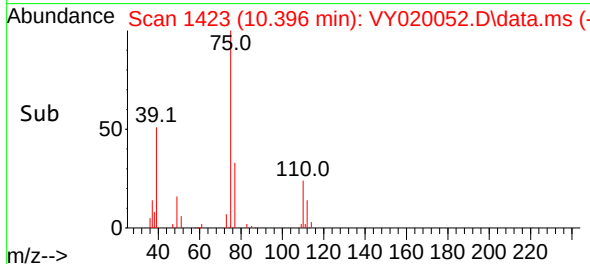
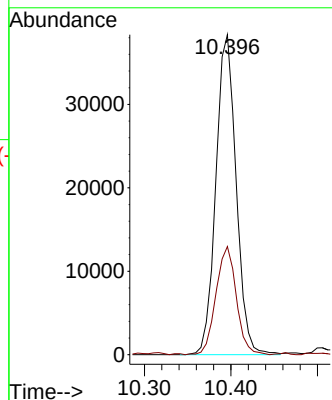
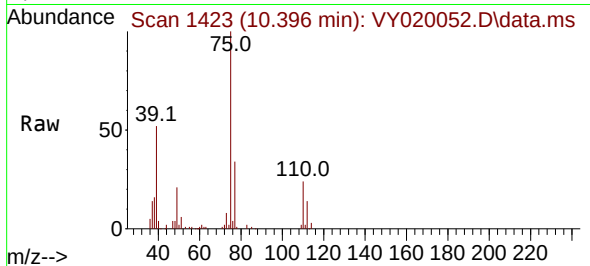




#53
 t-1,3-Dichloropropene
 Concen: 19.747 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

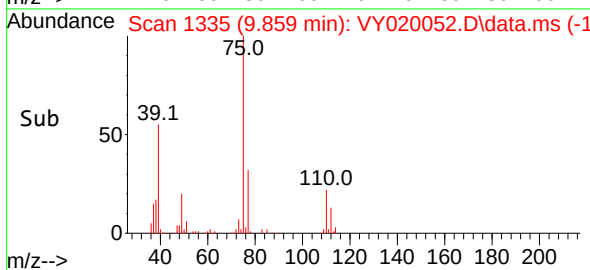
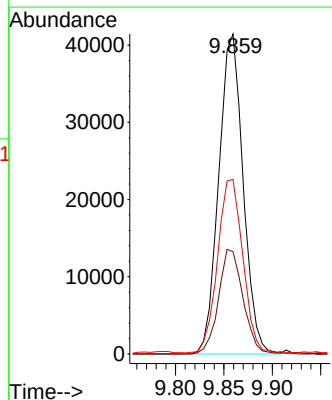
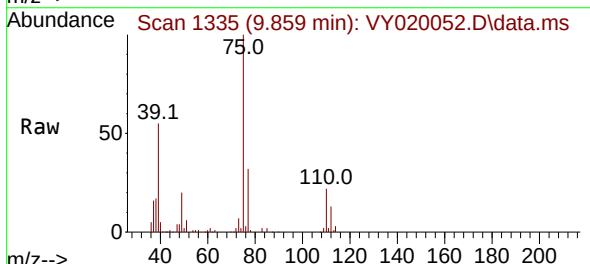
Instrument :
 MSVOA_Y
 ClientSampleId :

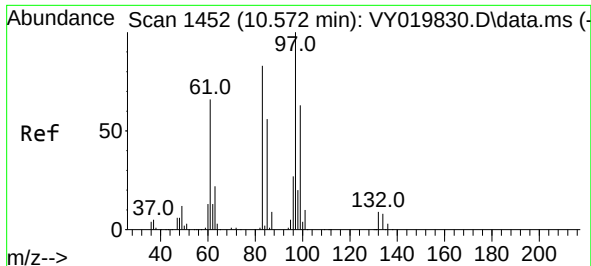
Tgt Ion: 75 Resp: 62361
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.447 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

Tgt Ion: 75 Resp: 72464
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 54.2 29.8 44.6#

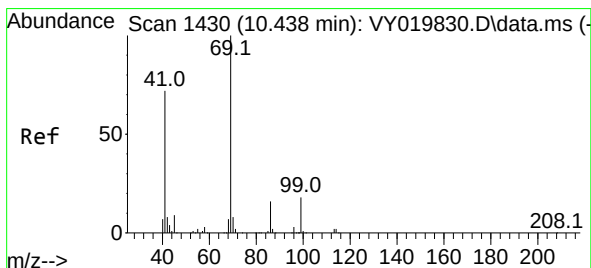
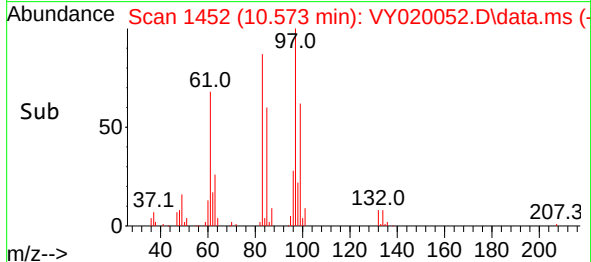
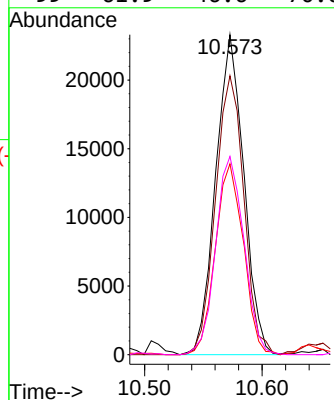
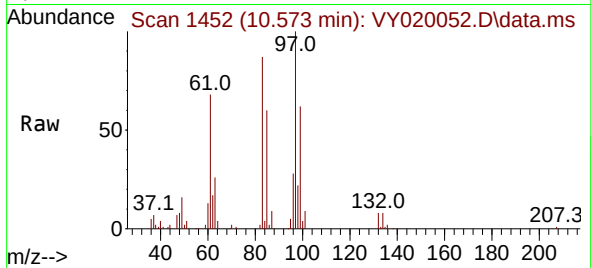




#55
1,1,2-Trichloroethane
Concen: 22.237 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

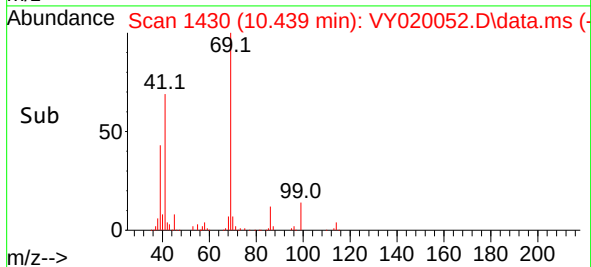
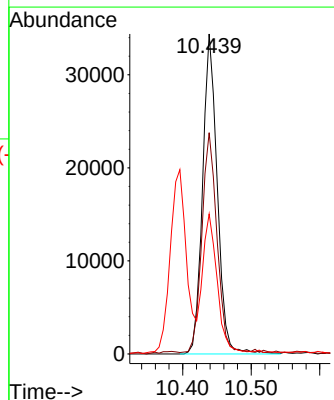
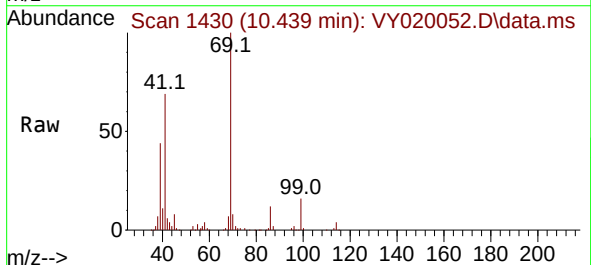
Instrument :
MSVOA_Y
ClientSampleId :

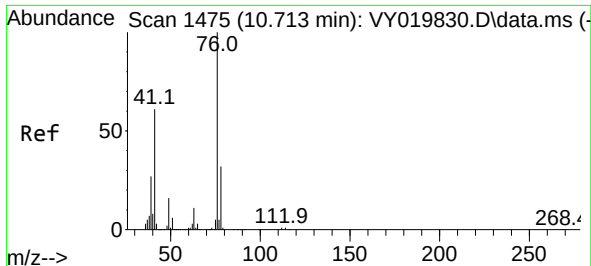
Tgt Ion: 97	Resp: 38740
Ion Ratio	Lower Upper
97 100	
83 87.2	67.5 101.3
85 59.6	42.9 64.3
99 61.9	46.6 70.0



#56
Ethyl methacrylate
Concen: 20.507 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 69	Resp: 51265
Ion Ratio	Lower Upper
69 100	
41 70.4	42.3 63.5#
39 42.0	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.022 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

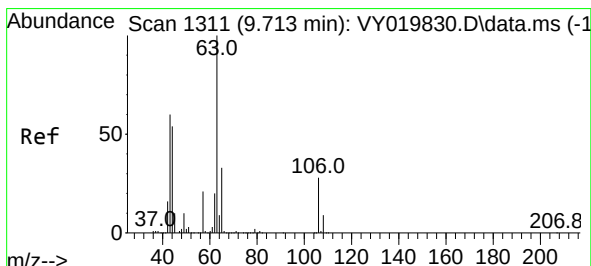
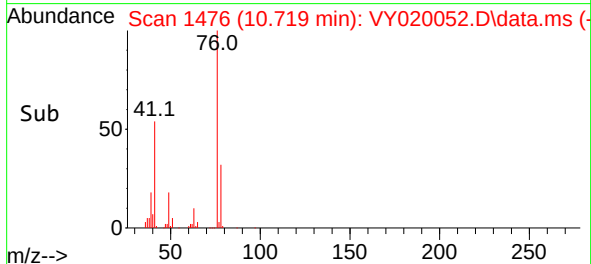
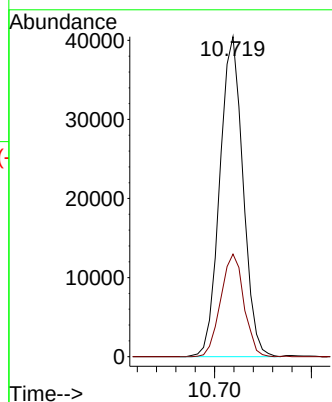
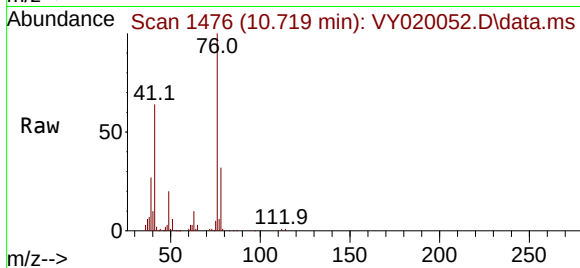
ClientSampleId :

Tgt Ion: 76 Resp: 67376

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 113.841 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020052.D

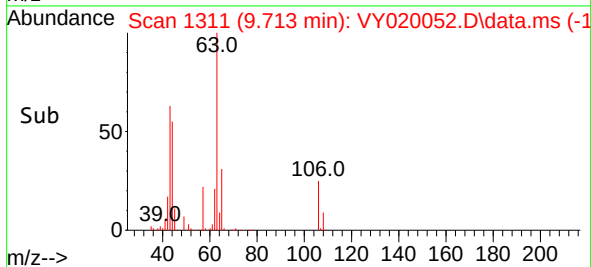
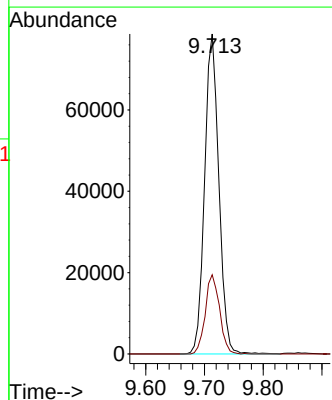
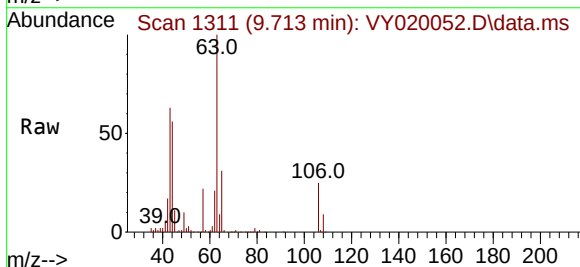
Acq: 29 Oct 2024 11:27

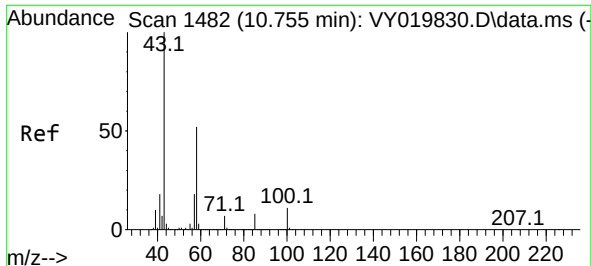
Tgt Ion: 63 Resp: 132482

Ion Ratio Lower Upper

63 100

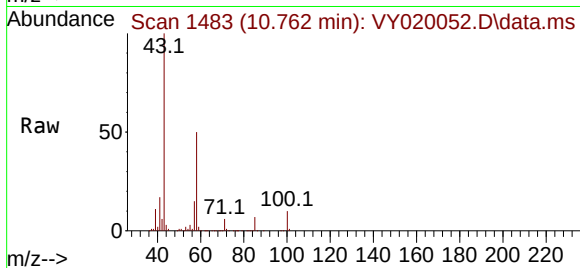
106 24.8 23.7 35.5



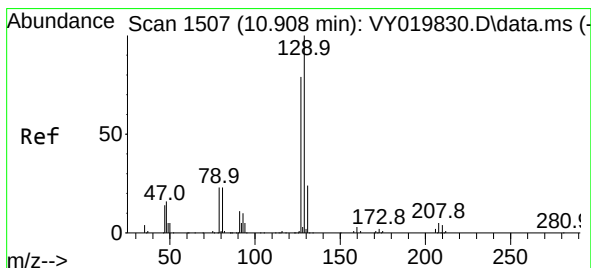
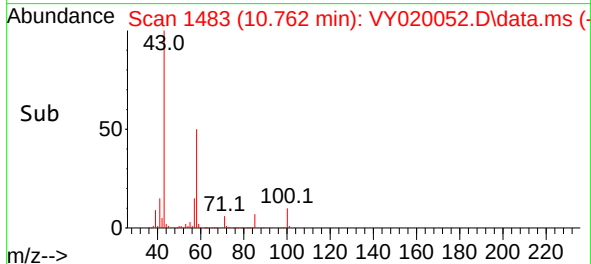
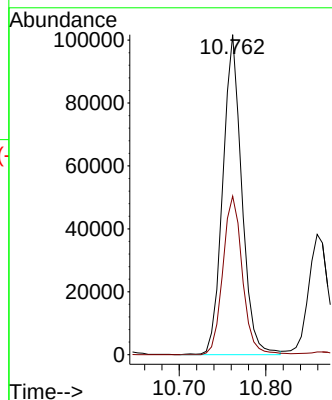


#59
2-Hexanone
Concen: 125.068 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :

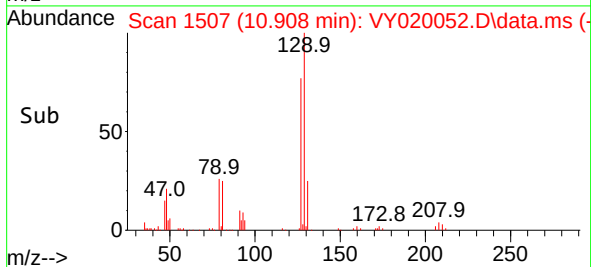
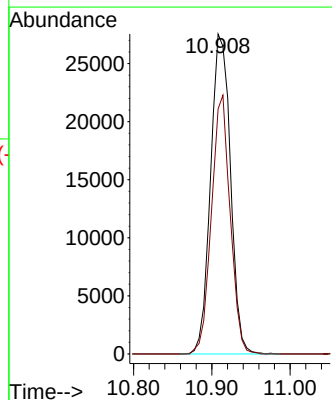
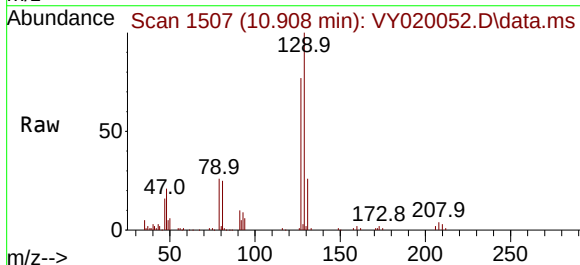


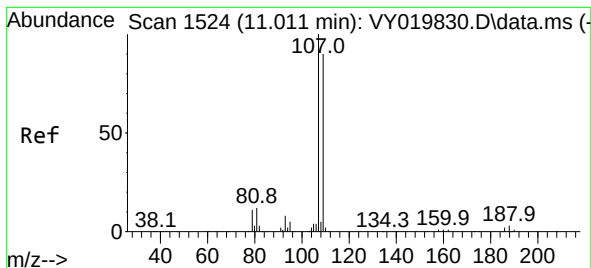
Tgt Ion: 43 Resp: 154808
Ion Ratio Lower Upper
43 100
58 50.9 31.4 94.0



#60
Dibromochloromethane
Concen: 21.692 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 129 Resp: 48506
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.507 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

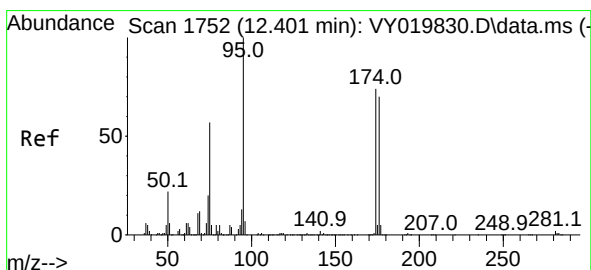
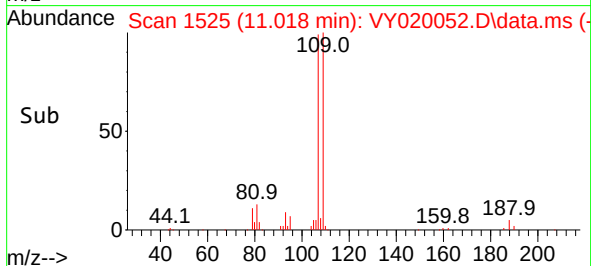
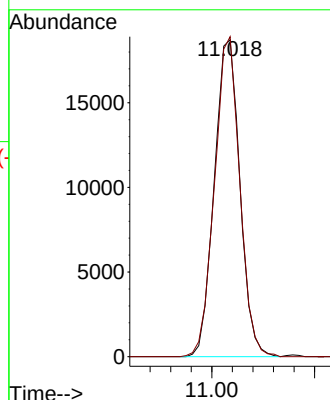
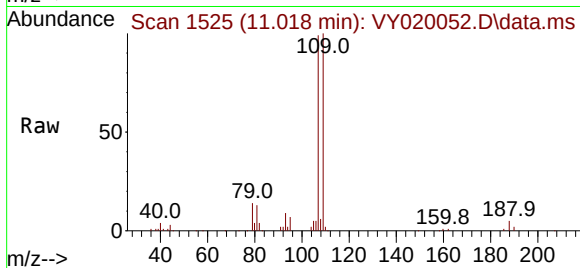
ClientSampleId :

Tgt Ion:107 Resp: 32284

Ion Ratio Lower Upper

107 100

109 99.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.697 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

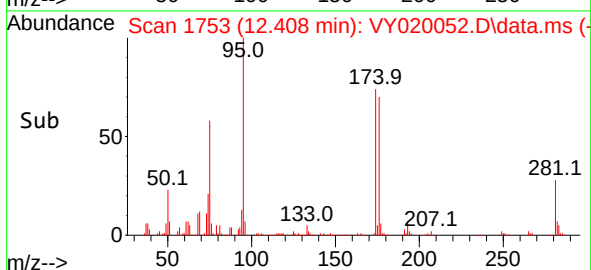
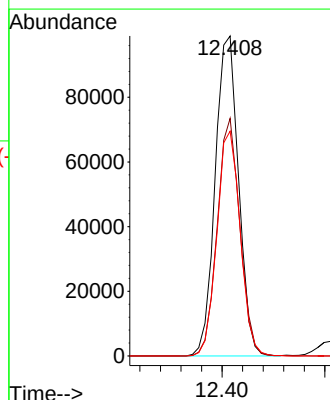
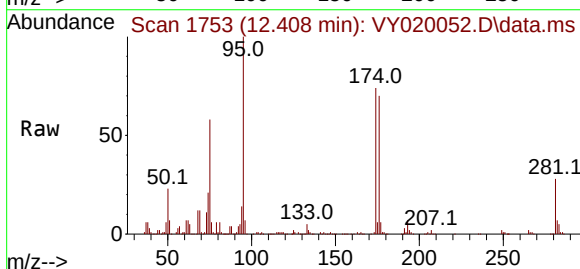
Tgt Ion: 95 Resp: 155941

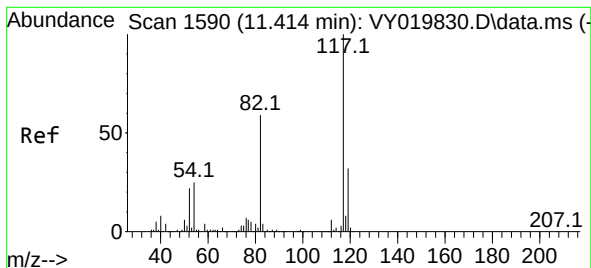
Ion Ratio Lower Upper

95 100

174 71.9 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: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

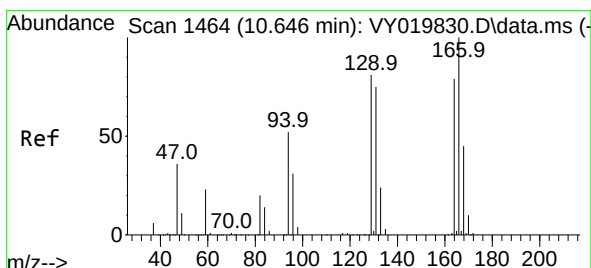
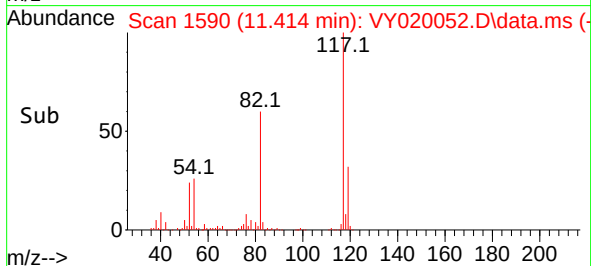
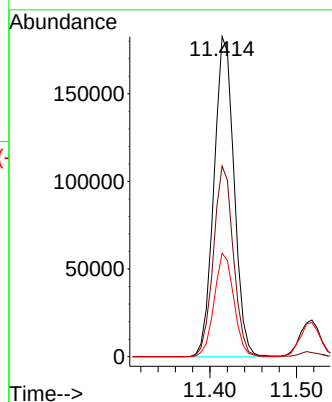
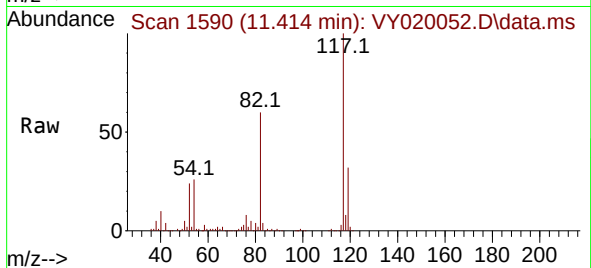
Tgt Ion:117 Resp: 294729

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 17.189 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Tgt Ion:164 Resp: 36034

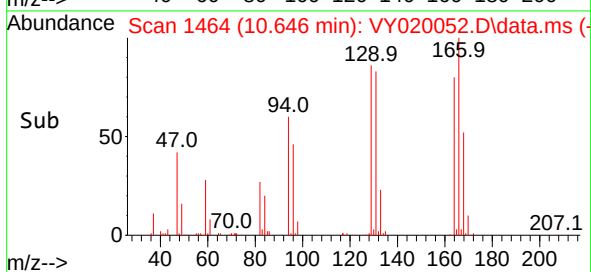
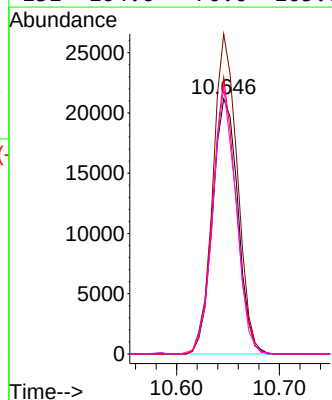
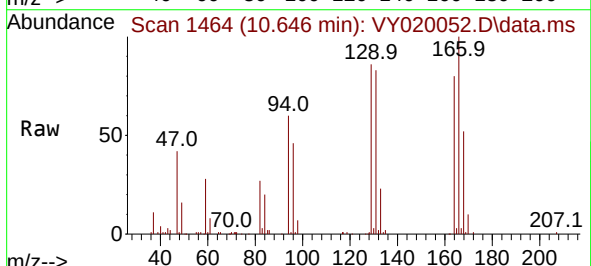
Ion Ratio Lower Upper

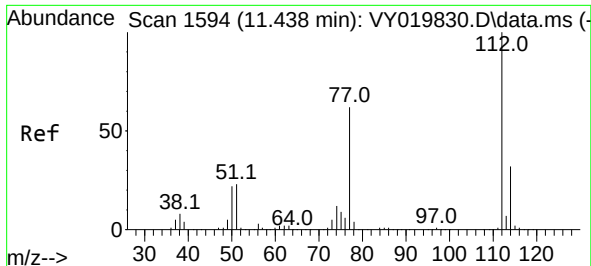
164 100

166 125.4 102.6 154.0

129 108.3 72.0 108.0#

131 104.6 70.0 105.0

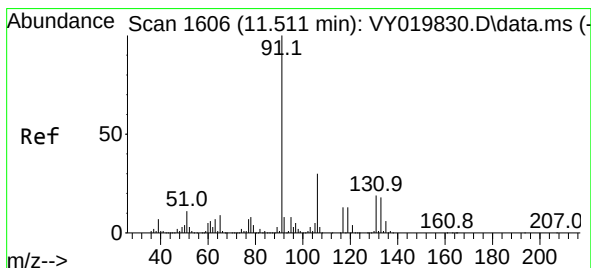
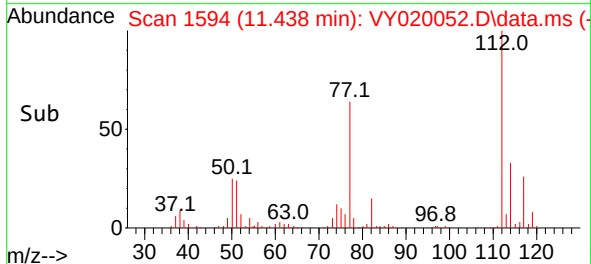
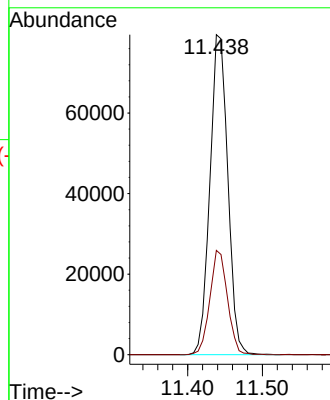
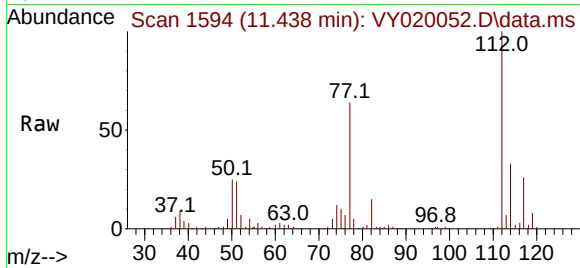




#65
Chlorobenzene
Concen: 19.584 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

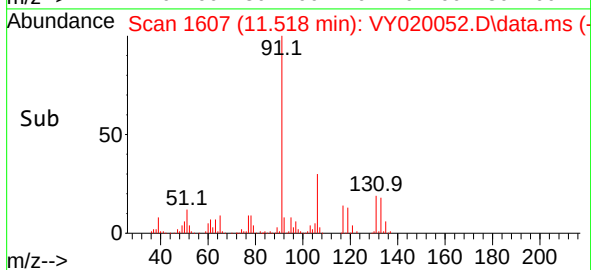
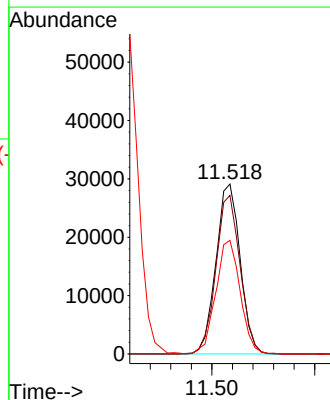
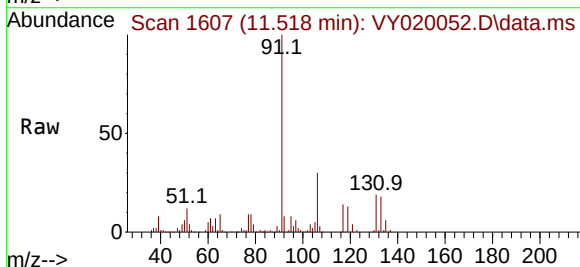
Instrument :
MSVOA_Y
ClientSampleId :

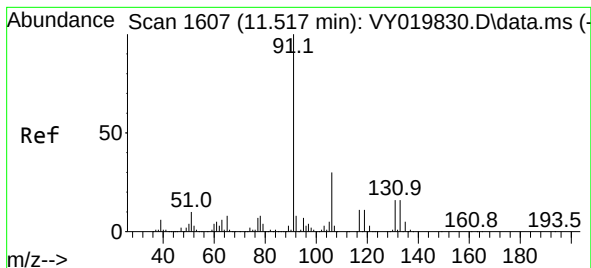
Tgt Ion:112 Resp: 132018
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.816 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion:131 Resp: 47477
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 19.356 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

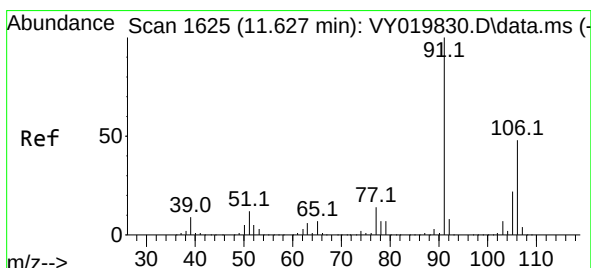
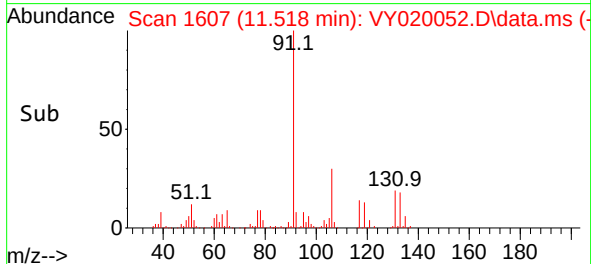
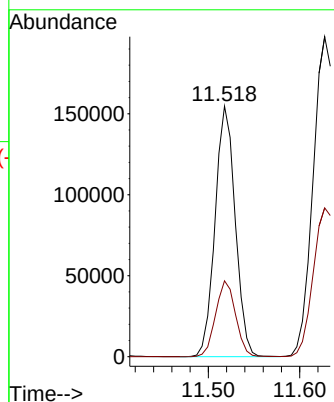
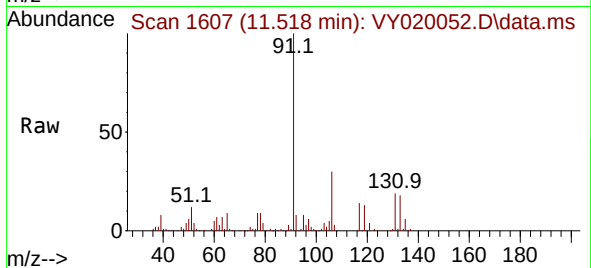
ClientSampleId :

Tgt Ion: 91 Resp: 237031

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



#68

m/p-Xylenes

Concen: 37.732 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020052.D

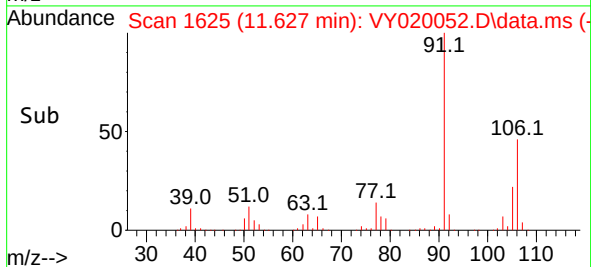
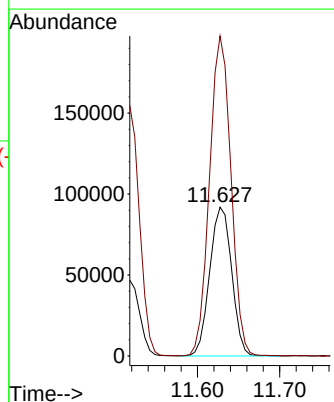
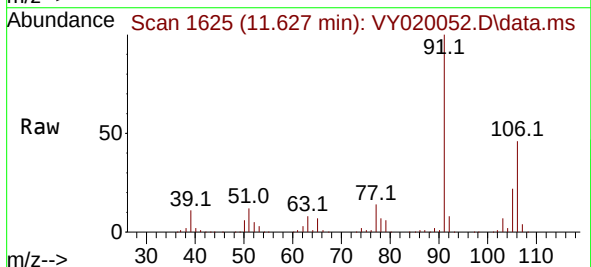
Acq: 29 Oct 2024 11:27

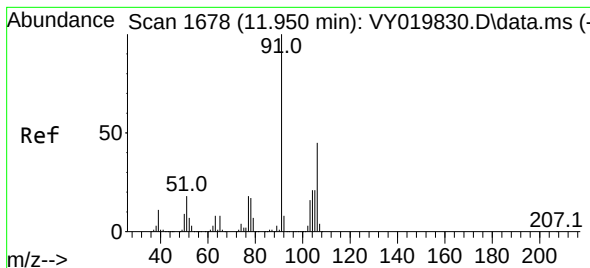
Tgt Ion:106 Resp: 170643

Ion Ratio Lower Upper

106 100

91 210.0 156.0 234.0





#69

o-Xylene

Concen: 18.970 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

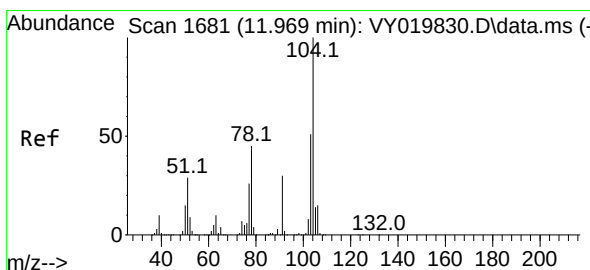
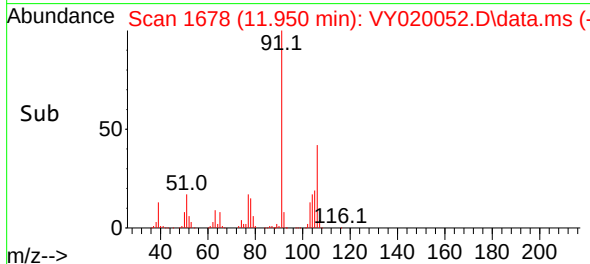
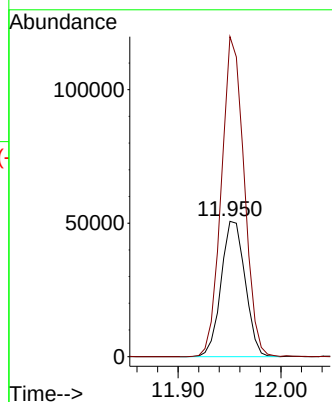
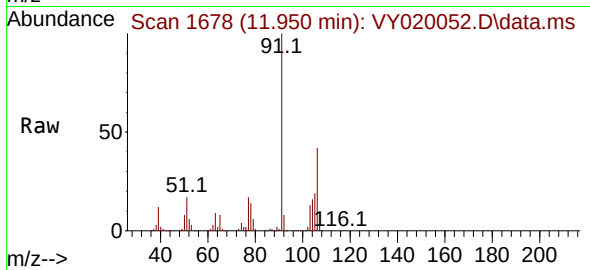
ClientSampleId :

Tgt Ion:106 Resp: 82429

Ion Ratio Lower Upper

106 100

91 223.7 103.6 310.8



#70

Styrene

Concen: 19.538 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

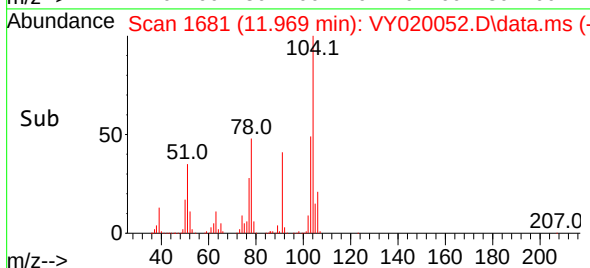
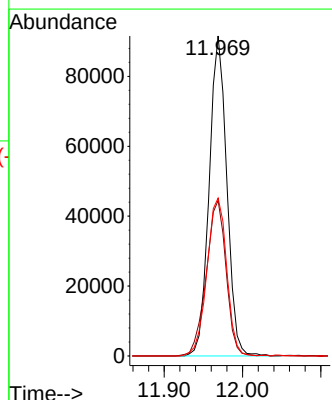
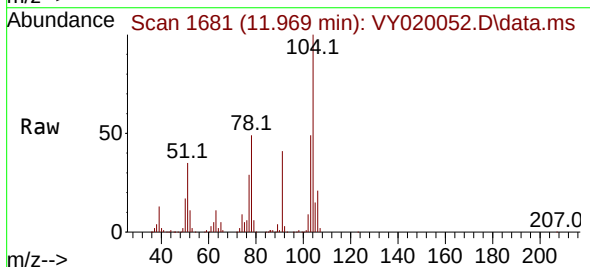
Tgt Ion:104 Resp: 143237

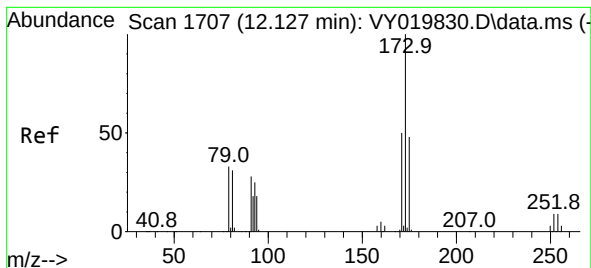
Ion Ratio Lower Upper

104 100

78 54.5 37.0 55.4

103 55.2 44.2 66.2





#71

Bromoform

Concen: 21.571 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020052.D

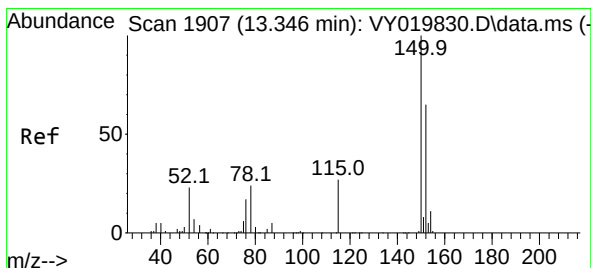
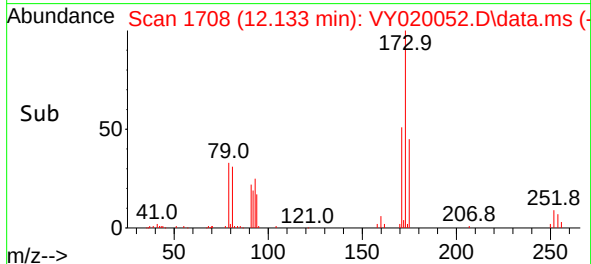
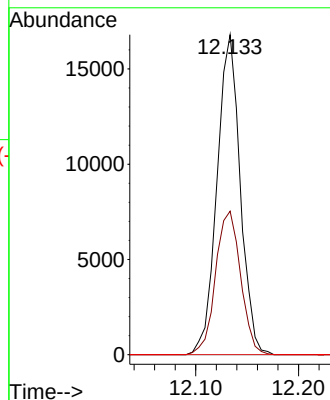
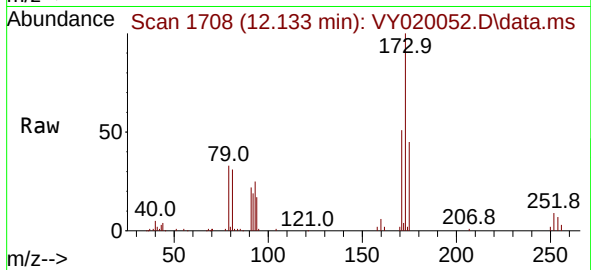
Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	26338
Ion Ratio	Lower	Upper
173	100	
175	48.4	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

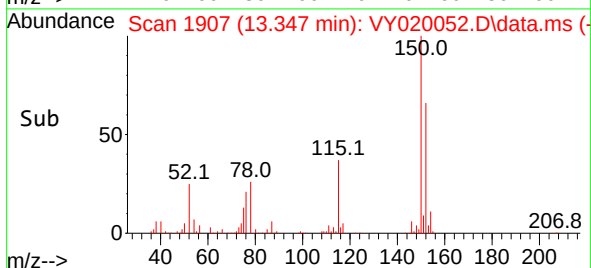
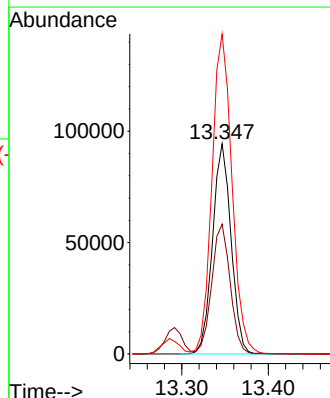
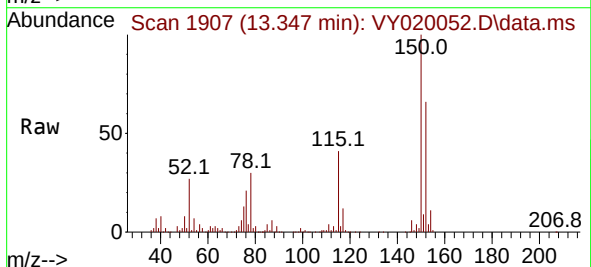
RT: 13.347 min Scan# 1907

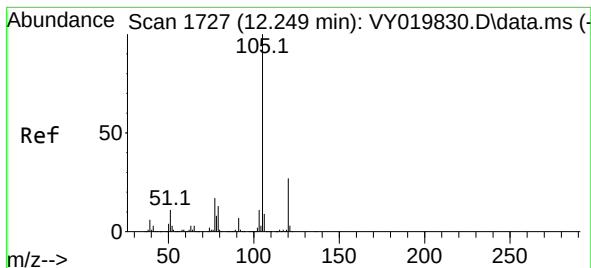
Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Tgt Ion:152	Resp:	140042
Ion Ratio	Lower	Upper
152	100	
115	61.6	28.2 84.7
150	164.1	0.0 345.6





#73

Isopropylbenzene

Concen: 19.633 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

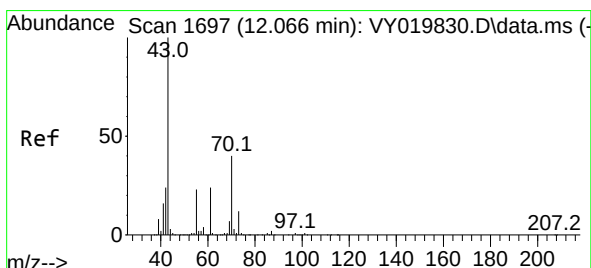
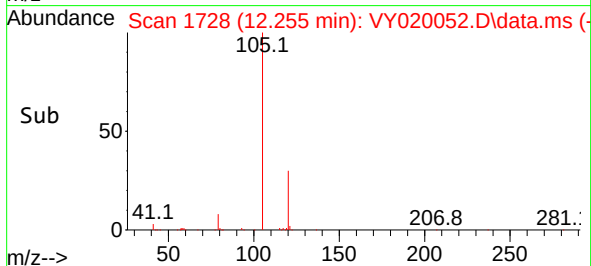
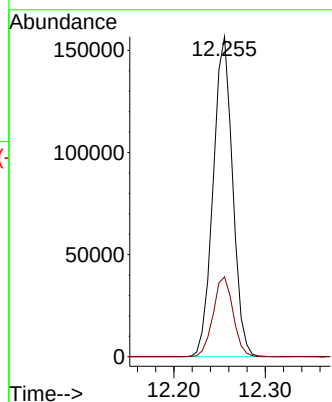
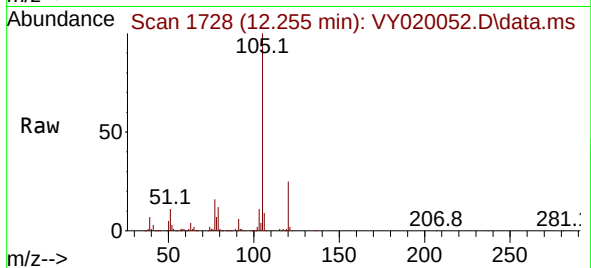
ClientSampleId :

Tgt Ion:105 Resp: 231268

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1



#74

N-ethyl acetate

Concen: 20.426 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Tgt Ion: 43 Resp: 63725

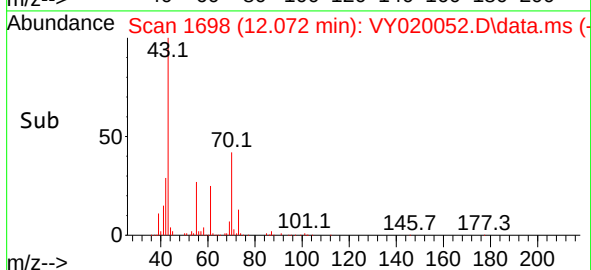
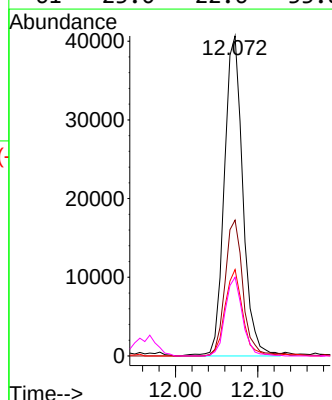
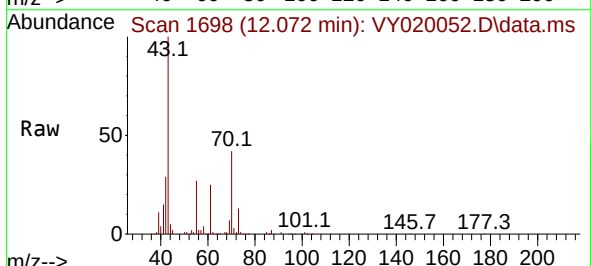
Ion Ratio Lower Upper

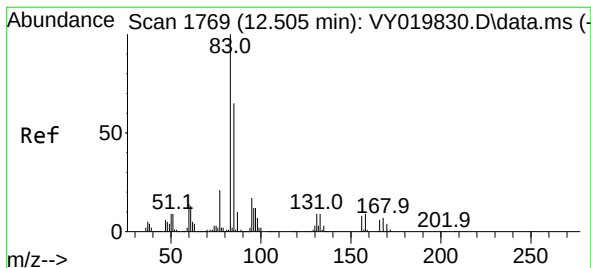
43 100

70 41.5 41.4 62.2

55 25.8 23.3 34.9

61 23.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.441 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020052.D

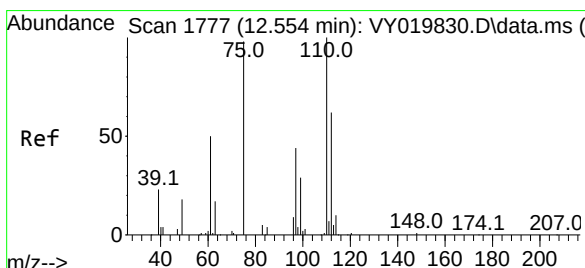
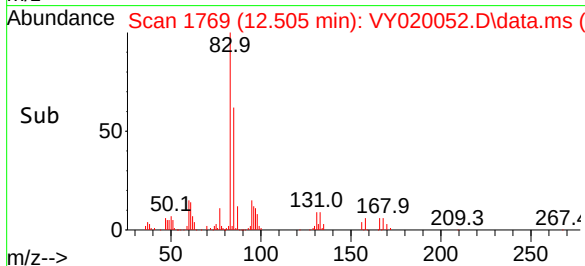
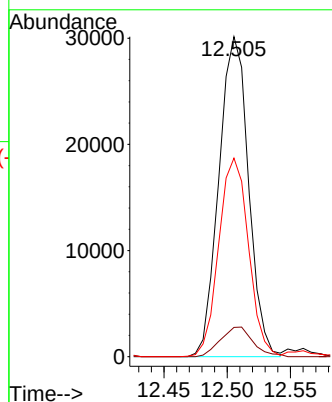
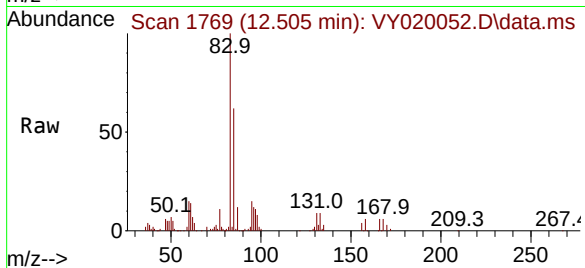
Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 49063
Ion Ratio	Lower Upper
83 100	
131 10.1	5.0 14.9
85 62.3	32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 21.191 ug/l

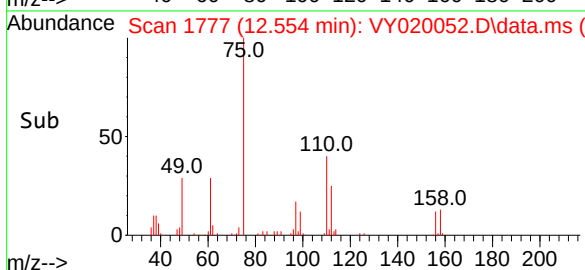
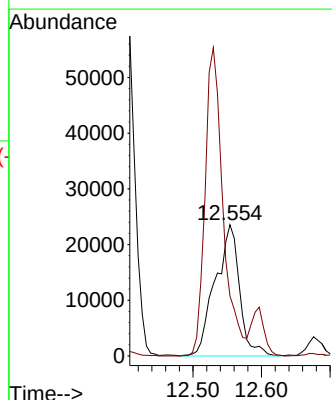
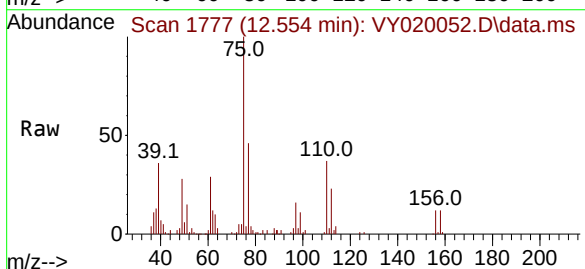
RT: 12.554 min Scan# 1777

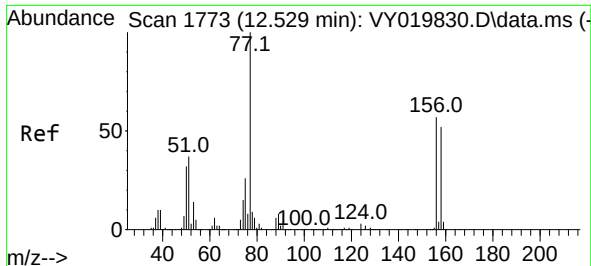
Delta R.T. -0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Tgt Ion: 75	Resp: 58136
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0

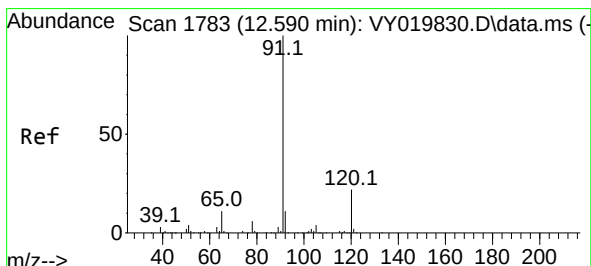
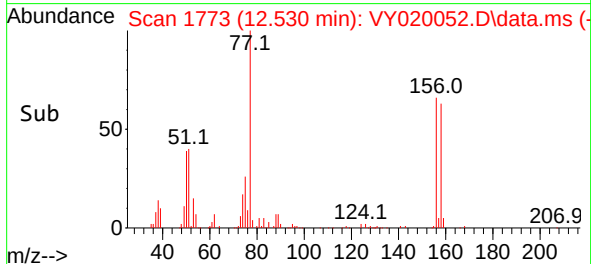
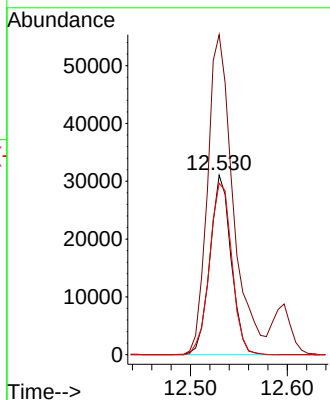
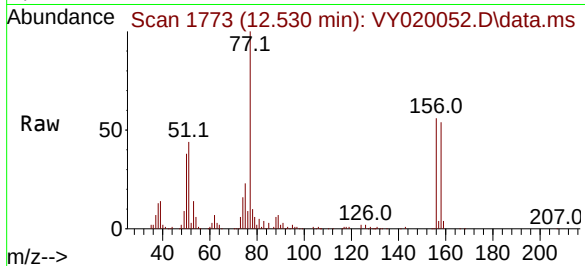




#77
Bromobenzene
Concen: 18.863 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

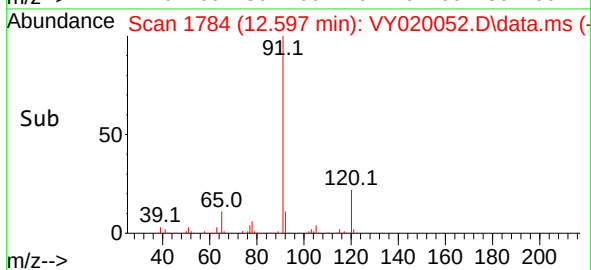
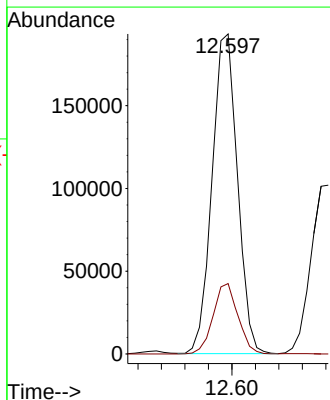
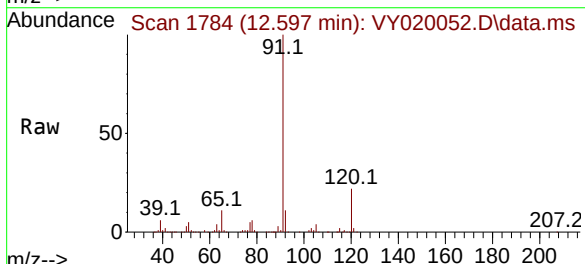
Instrument :
MSVOA_Y
ClientSampleId :

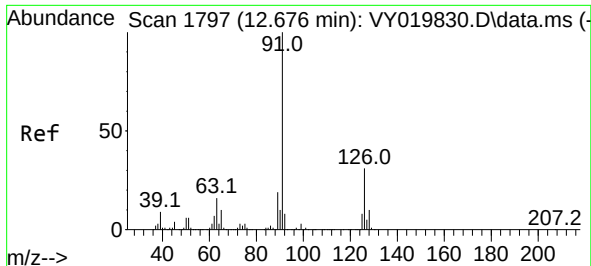
Tgt Ion:156 Resp: 47152
Ion Ratio Lower Upper
156 100
77 216.2 87.1 261.3
158 100.8 48.6 145.9



#78
n-propylbenzene
Concen: 20.354 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 91 Resp: 289706
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4

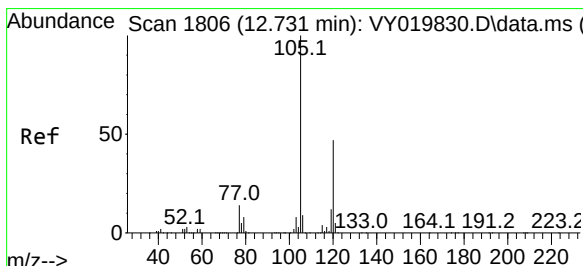
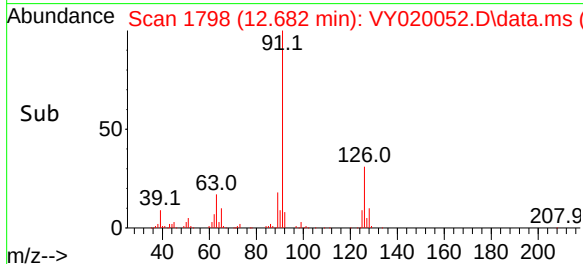
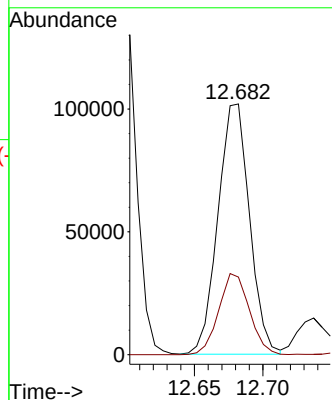
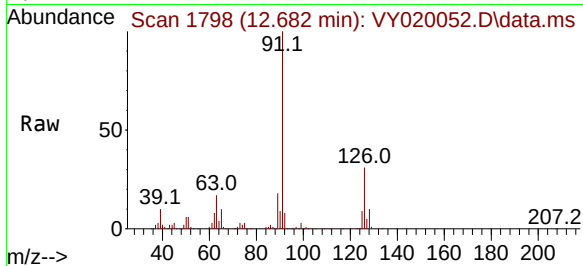




#79
2-Chlorotoluene
Concen: 20.059 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

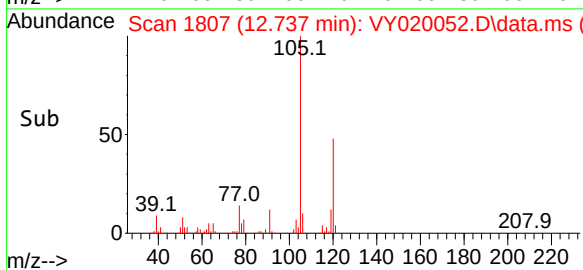
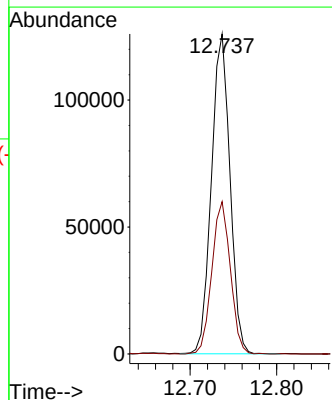
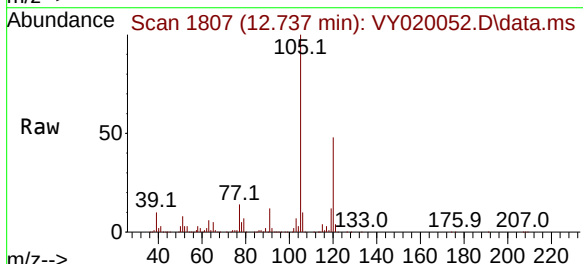
Instrument :
MSVOA_Y
ClientSampleId :

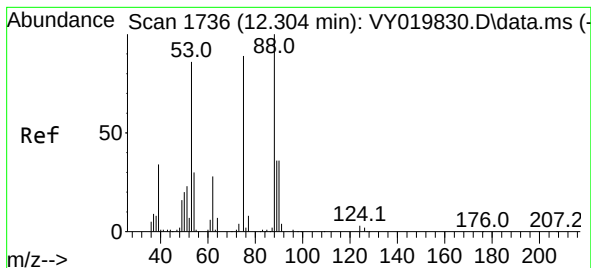
Tgt Ion: 91 Resp: 163675
Ion Ratio Lower Upper
91 100
126 31.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.688 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 105 Resp: 187286
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

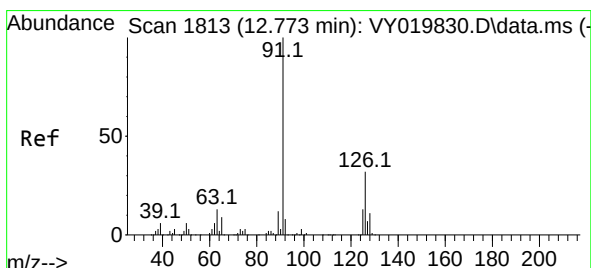
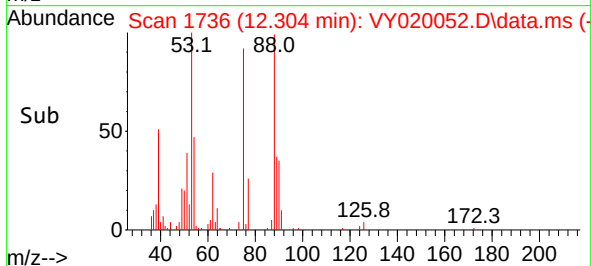
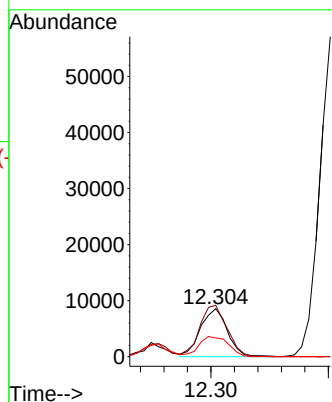
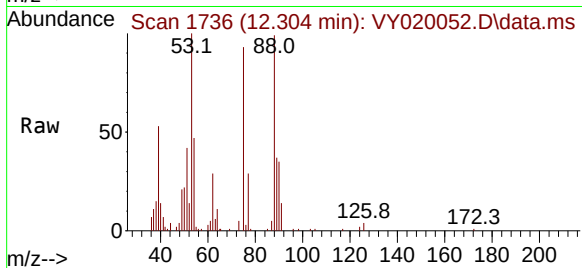




#81
trans-1,4-Dichloro-2-butene
Concen: 20.098 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

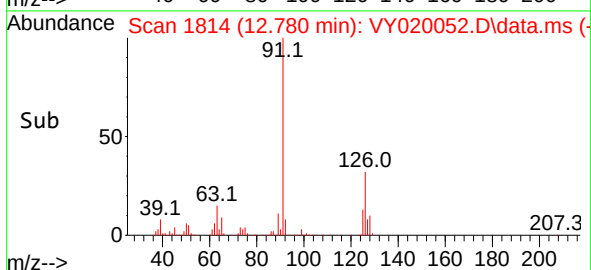
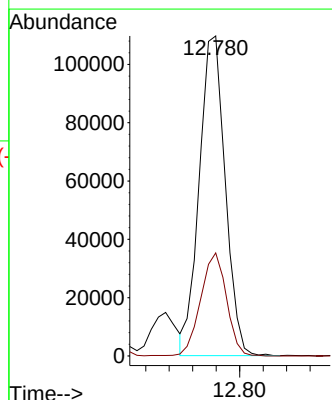
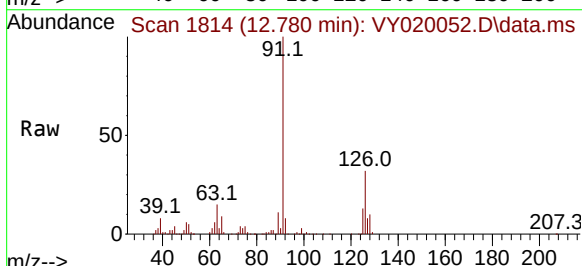
Instrument :
MSVOA_Y
ClientSampleId :

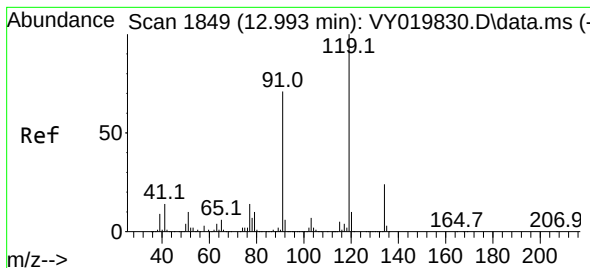
Tgt Ion: 75 Resp: 13660
Ion Ratio Lower Upper
75 100
53 108.5 66.8 100.2#
89 45.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.179 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020052.D
Acq: 29 Oct 2024 11:27

Tgt Ion: 91 Resp: 168366
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.142 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

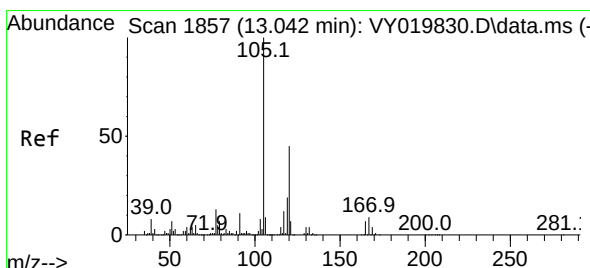
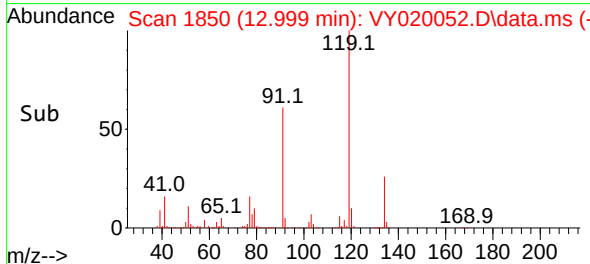
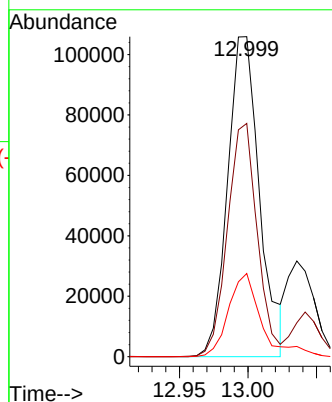
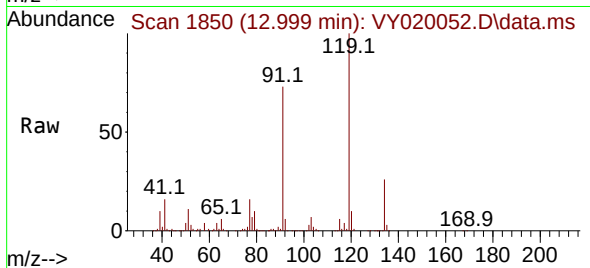
Tgt Ion:119 Resp: 171652

Ion Ratio Lower Upper

119 100

91 68.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.440 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020052.D

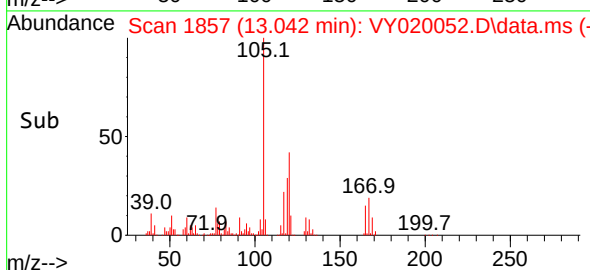
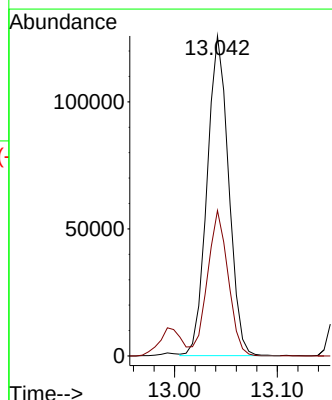
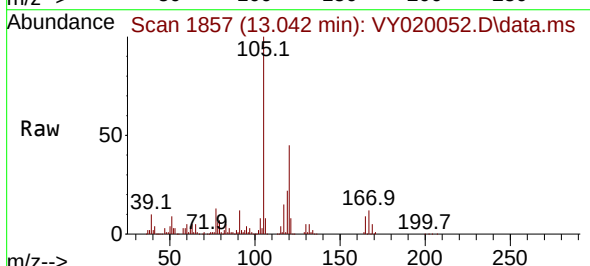
Acq: 29 Oct 2024 11:27

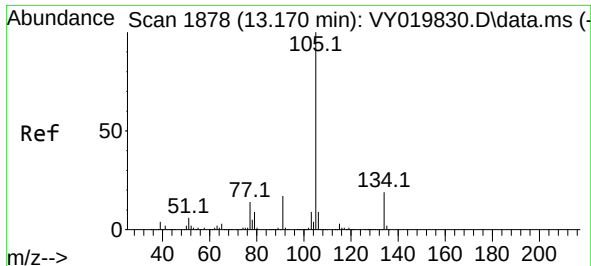
Tgt Ion:105 Resp: 183345

Ion Ratio Lower Upper

105 100

120 43.9 23.2 69.6

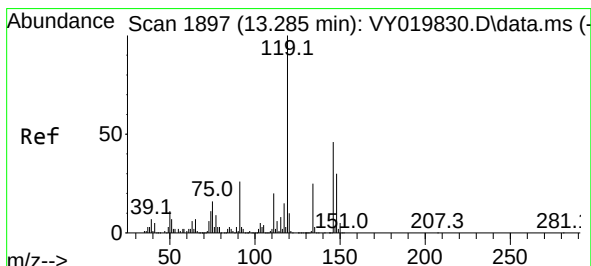
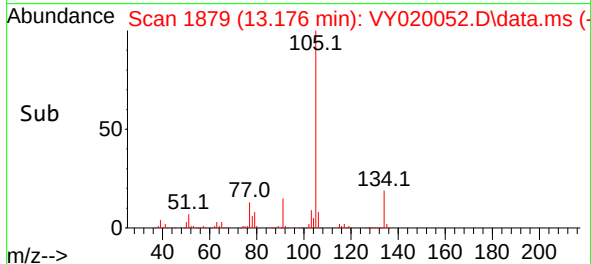
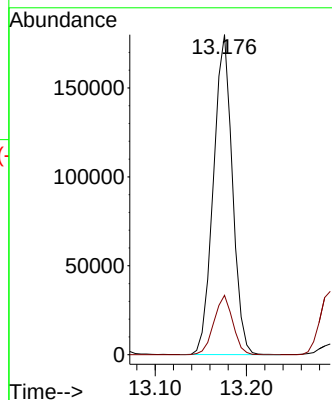
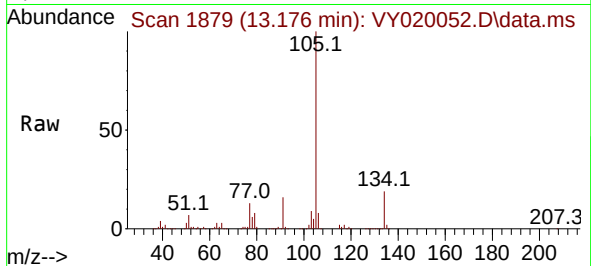




#85
 sec-Butylbenzene
 Concen: 20.319 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

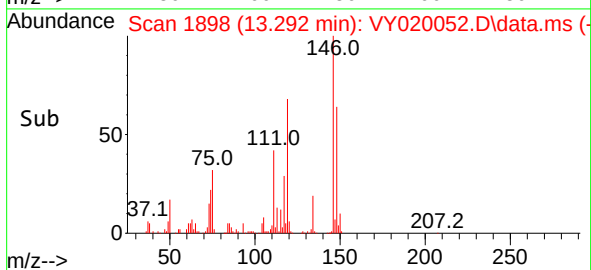
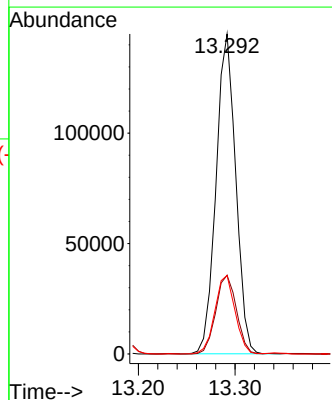
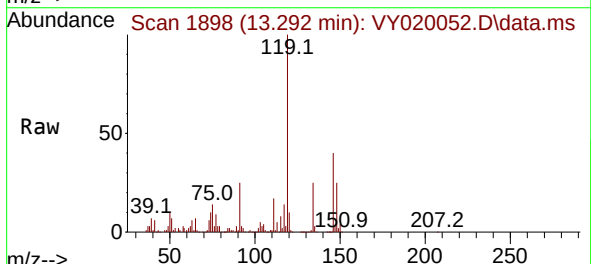
Instrument :
 MSVOA_Y
 ClientSampleId :

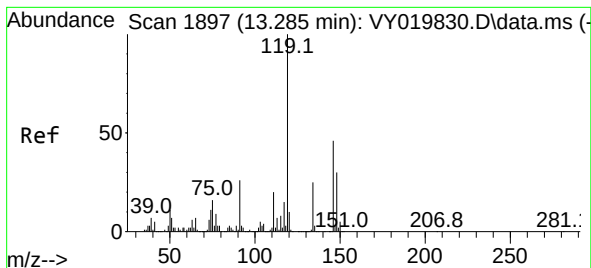
Tgt Ion:105 Resp: 258714
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.741 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY020052.D
 Acq: 29 Oct 2024 11:27

Tgt Ion:119 Resp: 204107
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.839 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

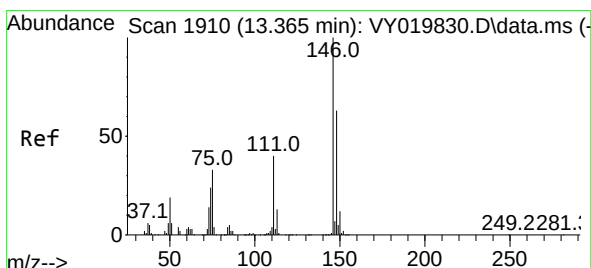
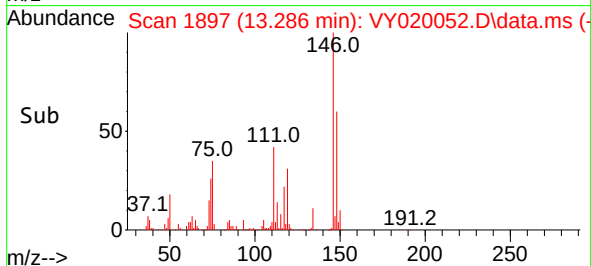
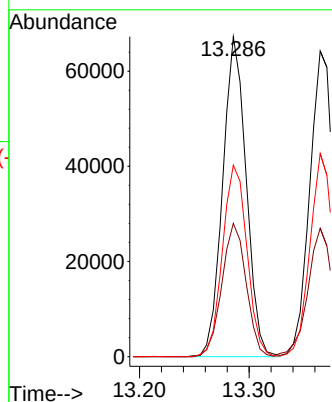
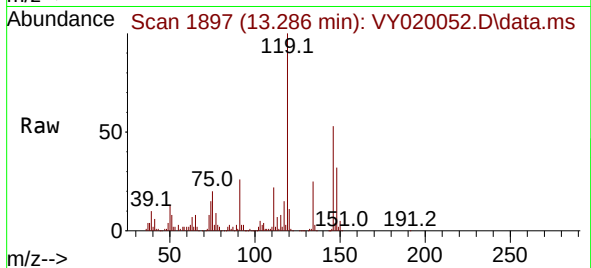
Tgt Ion:146 Resp: 100144

Ion Ratio Lower Upper

146 100

111 43.0 19.0 57.0

148 62.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.759 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

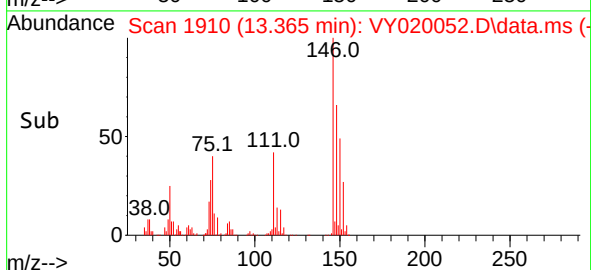
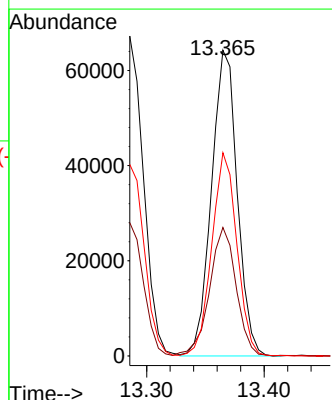
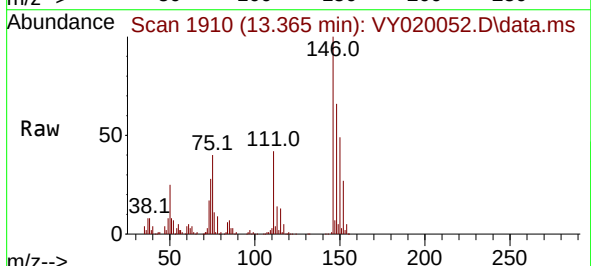
Tgt Ion:146 Resp: 97988

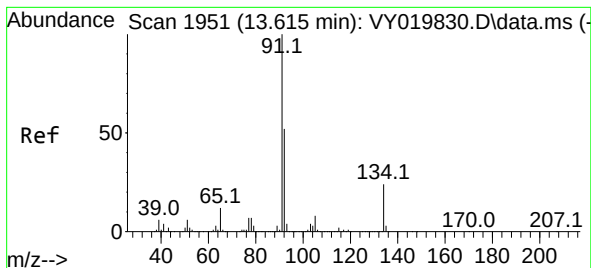
Ion Ratio Lower Upper

146 100

111 43.4 18.4 55.4

148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 20.191 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

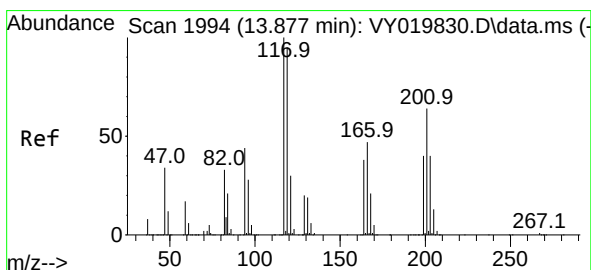
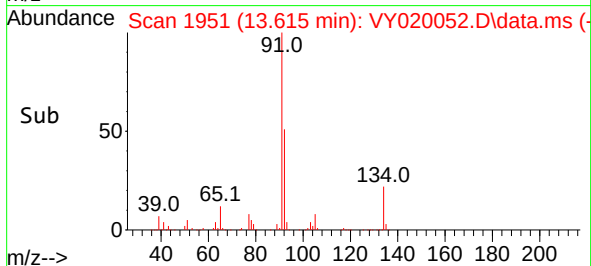
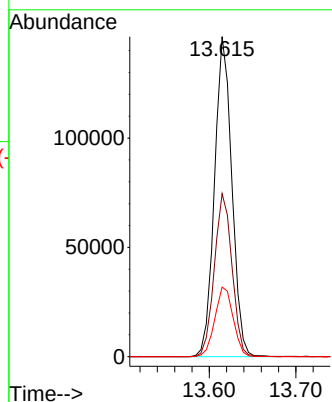
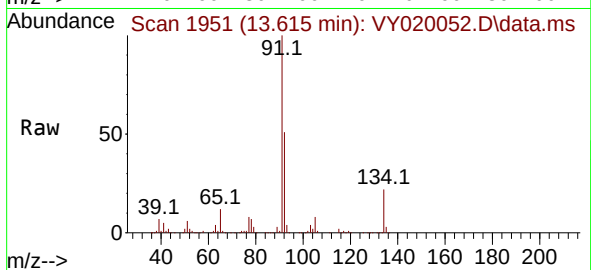
Tgt Ion: 91 Resp: 203844

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 23.0 12.9 38.7



#90

Hexachloroethane

Concen: 20.194 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020052.D

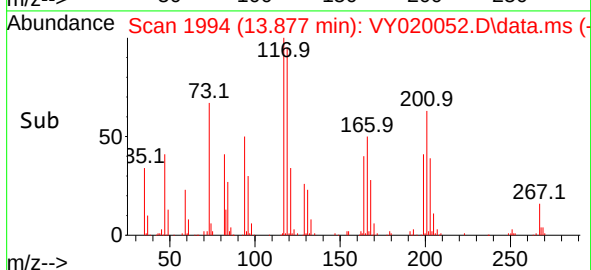
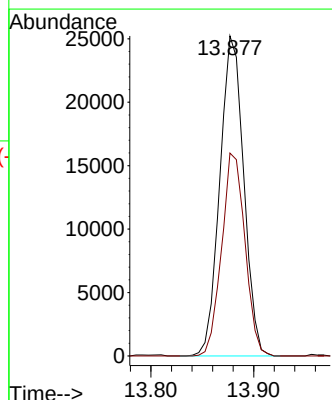
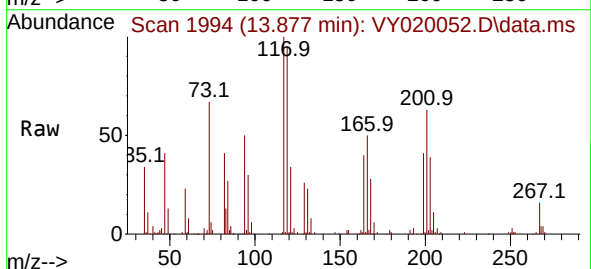
Acq: 29 Oct 2024 11:27

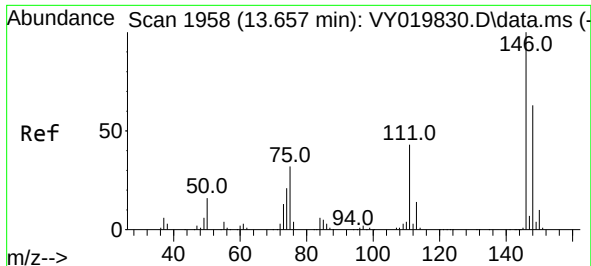
Tgt Ion: 117 Resp: 40656

Ion Ratio Lower Upper

117 100

201 61.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.558 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

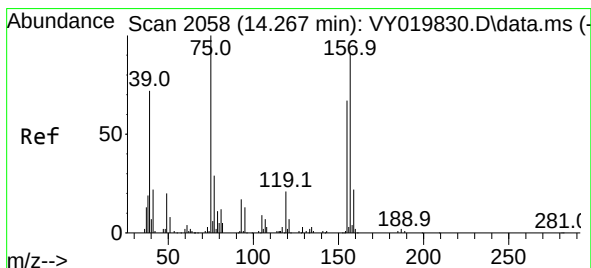
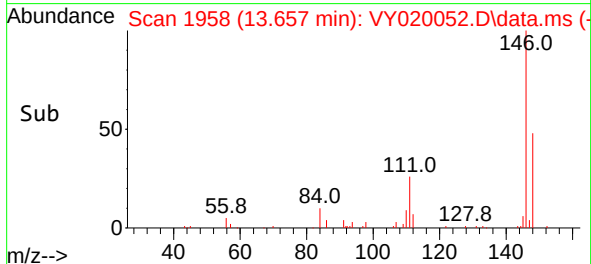
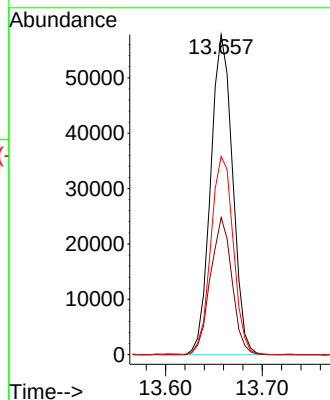
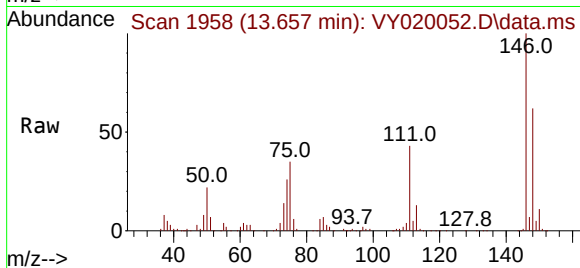
Tgt Ion:146 Resp: 91185

Ion Ratio Lower Upper

146 100

111 41.9 19.9 59.7

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.009 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

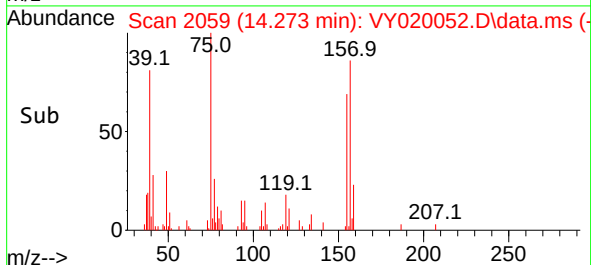
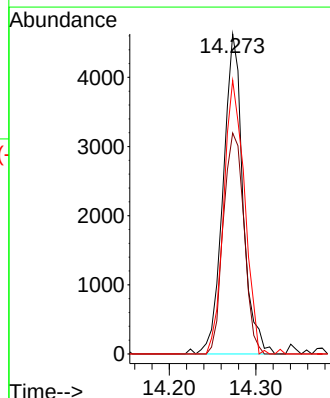
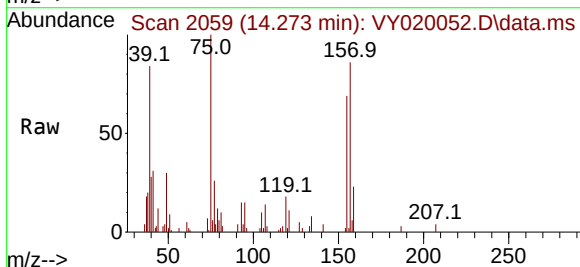
Tgt Ion: 75 Resp: 7352

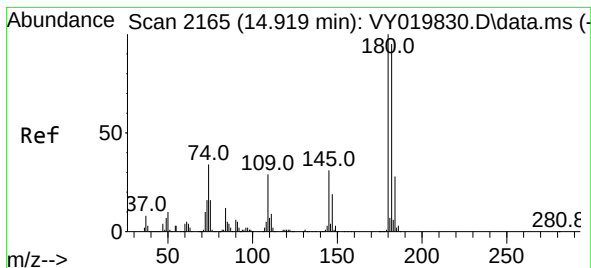
Ion Ratio Lower Upper

75 100

155 72.0 48.6 145.8

157 89.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.256 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

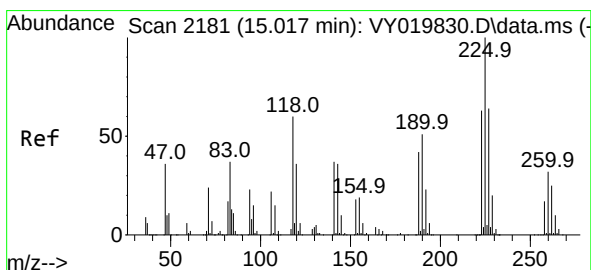
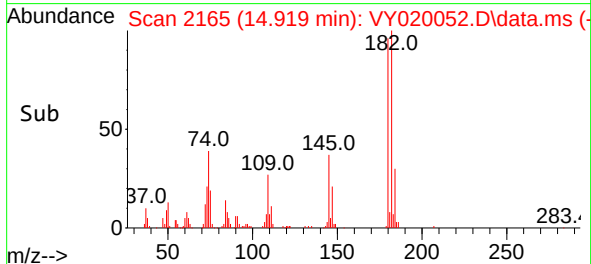
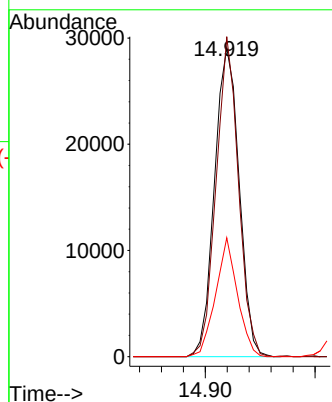
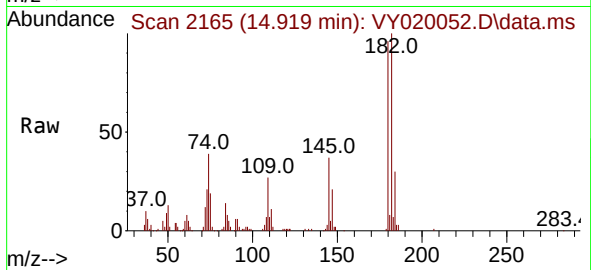
Tgt Ion:180 Resp: 45405

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 34.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.872 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

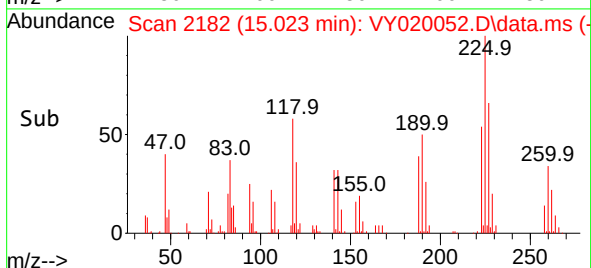
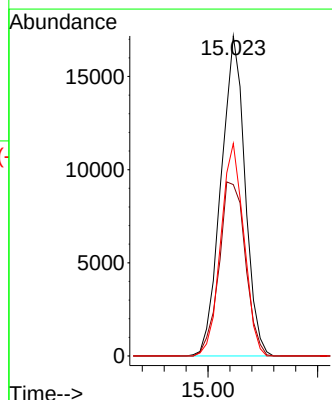
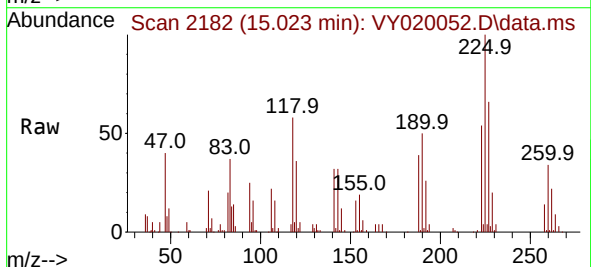
Tgt Ion:225 Resp: 26094

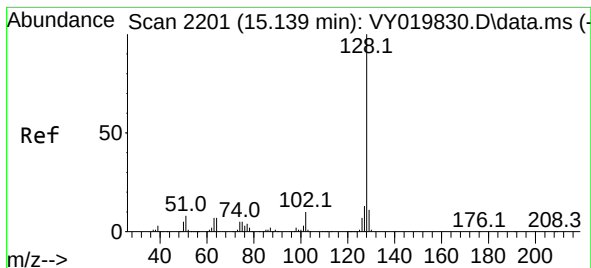
Ion Ratio Lower Upper

225 100

223 59.5 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 17.984 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020052.D

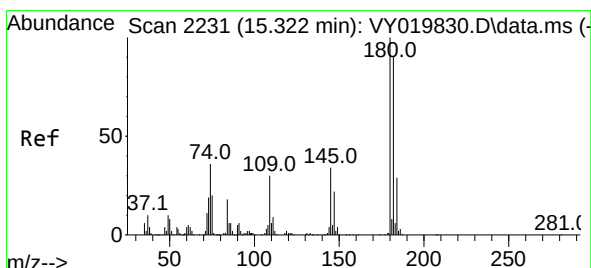
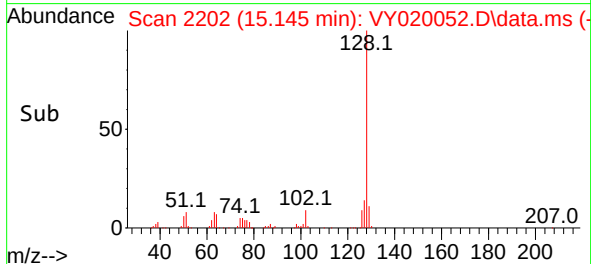
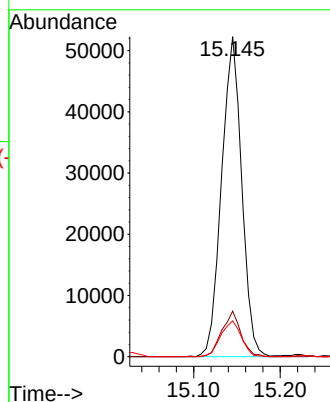
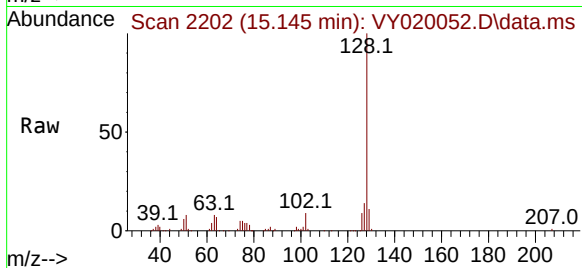
Acq: 29 Oct 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	84360
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 16.0
129	11.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.046 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020052.D

Acq: 29 Oct 2024 11:27

Tgt Ion:180	Resp:	37939
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.6 142.9
145	32.0	15.4 46.1

