

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019957.D
 Acq On : 21 Oct 2024 12:14
 Operator : SY/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 22 01:22:47 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	230066	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	405171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143958	50.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.640%	
35) Dibromofluoromethane	7.634	113	136504	51.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.103	98	482417	48.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.401	95	176308	49.419	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	37679	17.593	ug/l	90
3) Chloromethane	2.068	50	51683	18.541	ug/l	98
4) Vinyl Chloride	2.202	62	58929	19.211	ug/l	100
5) Bromomethane	2.592	94	38119	19.633	ug/l	94
6) Chloroethane	2.732	64	41117	19.953	ug/l	97
7) Trichlorofluoromethane	3.055	101	89563	19.622	ug/l	96
8) Diethyl Ether	3.458	74	27189	19.600	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.824	101	52634	19.825	ug/l	91
10) Methyl Iodide	4.007	142	44620	16.617	ug/l	# 88
11) Tert butyl alcohol	4.854	59	28317	113.823	ug/l	# 88
12) 1,1-Dichloroethene	3.793	96	45192	18.310	ug/l	# 80
13) Acrolein	3.647	56	18023	86.585	ug/l	96
14) Allyl chloride	4.385	41	87910	19.741	ug/l	# 90
15) Acrylonitrile	5.061	53	67501	106.385	ug/l	96
16) Acetone	3.866	43	84503	114.593	ug/l	# 83
17) Carbon Disulfide	4.104	76	91010	13.757	ug/l	96
18) Methyl Acetate	4.391	43	31024	19.530	ug/l	89
19) Methyl tert-butyl Ether	5.122	73	145530	20.524	ug/l	98
20) Methylene Chloride	4.616	84	56870	20.394	ug/l	# 82
21) trans-1,2-Dichloroethene	5.116	96	48787	18.162	ug/l	87
22) Diisopropyl ether	6.018	45	215826	22.250	ug/l	# 88
23) Vinyl Acetate	5.963	43	578701	104.067	ug/l	# 89
24) 1,1-Dichloroethane	5.915	63	113776	21.101	ug/l	94
25) 2-Butanone	6.896	43	108288	109.707	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	96255	20.045	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	67075	20.205	ug/l	81
28) Bromochloromethane	7.244	49	52894	22.287	ug/l	# 70
29) Tetrahydrofuran	7.262	42	57645	102.282	ug/l	# 83
30) Chloroform	7.421	83	121481	22.101	ug/l	98
31) Cyclohexane	7.701	56	84825	17.921	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	99094	20.572	ug/l	95
36) 1,1-Dichloropropene	7.835	75	72904	18.927	ug/l	95
37) Ethyl Acetate	6.988	43	41956	20.889	ug/l	# 95
38) Carbon Tetrachloride	7.823	117	81068	19.632	ug/l	99
39) Methylcyclohexane	9.109	83	84245	17.358	ug/l	91
40) Benzene	8.079	78	233964	20.070	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	20788	19.123	ug/l	88
42) 1,2-Dichloroethane	8.158	62	69648	20.796	ug/l	93
43) Isopropyl Acetate	8.201	43	85722	20.927	ug/l #	79
44) Trichloroethene	8.865	130	55731	19.739	ug/l	90
45) 1,2-Dichloropropane	9.140	63	62060	21.269	ug/l	94
46) Dibromomethane	9.231	93	31585	19.813	ug/l	91
47) Bromodichloromethane	9.420	83	90613	21.414	ug/l	94
48) Methyl methacrylate	9.219	41	36562	20.292	ug/l #	81
49) 1,4-Dioxane	9.231	88	7200	403.534	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	221810	106.163	ug/l	89
52) Toluene	10.170	92	145826	20.040	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	75130	19.733	ug/l	92
54) cis-1,3-Dichloropropene	9.853	75	89845	19.999	ug/l #	87
55) 1,1,2-Trichloroethane	10.566	97	45705	21.761	ug/l	96
56) Ethyl methacrylate	10.438	69	60834	20.185	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	77084	20.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	145253	103.531	ug/l	94
59) 2-Hexanone	10.761	43	166082	111.295	ug/l	84
60) Dibromochloromethane	10.908	129	55069	20.428	ug/l	100
61) 1,2-Dibromoethane	11.011	107	38945	20.519	ug/l	99
64) Tetrachloroethene	10.646	164	44880	17.928	ug/l #	87
65) Chlorobenzene	11.438	112	164102	20.385	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.511	131	55999	20.561	ug/l	98
67) Ethyl Benzene	11.517	91	293584	20.077	ug/l	99
68) m/p-Xylenes	11.627	106	211855	39.228	ug/l	91
69) o-Xylene	11.950	106	102577	19.768	ug/l	91
70) Styrene	11.969	104	177190	20.240	ug/l	95
71) Bromoform	12.127	173	28817	19.765	ug/l #	97
73) Isopropylbenzene	12.255	105	280336	19.422	ug/l	98
74) N-amyl acetate	12.066	43	75044	19.630	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	54060	21.078	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	67557	20.096	ug/l #	100
77) Bromobenzene	12.529	156	58878	19.222	ug/l	83
78) n-propylbenzene	12.590	91	353790	20.285	ug/l	97
79) 2-Chlorotoluene	12.676	91	198285	19.831	ug/l	93
80) 1,3,5-Trimethylbenzene	12.731	105	228712	19.620	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	15826	19.002	ug/l #	80
82) 4-Chlorotoluene	12.773	91	206899	20.237	ug/l	96
83) tert-Butylbenzene	12.993	119	205171	19.647	ug/l	93
84) 1,2,4-Trimethylbenzene	13.041	105	229185	19.831	ug/l	97
85) sec-Butylbenzene	13.176	105	318782	20.432	ug/l	98
86) p-Isopropyltoluene	13.291	119	253313	19.994	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	120920	19.549	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	119938	19.737	ug/l	96
89) n-Butylbenzene	13.615	91	251003	20.289	ug/l	98
90) Hexachloroethane	13.877	117	49687	20.141	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	110461	20.324	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8459	20.666	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	59577	19.549	ug/l	97
94) Hexachlorobutadiene	15.023	225	33594	19.827	ug/l	98
95) Naphthalene	15.145	128	109830	19.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	50797	19.718	ug/l	96

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Response via : Initial Calibration

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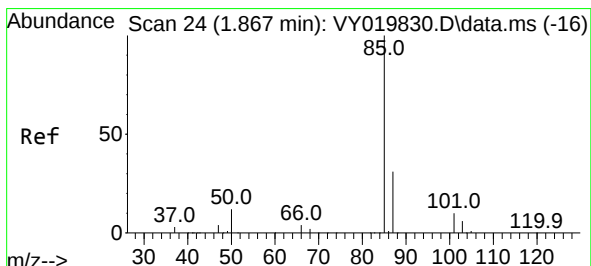
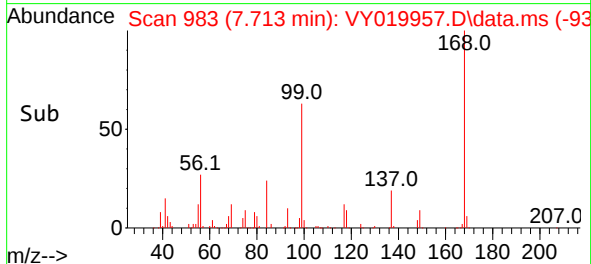
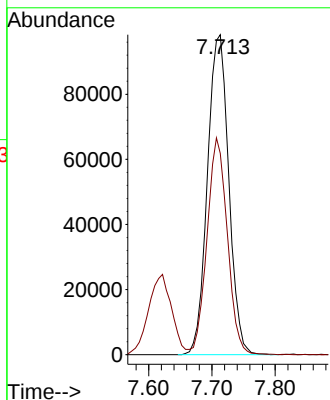
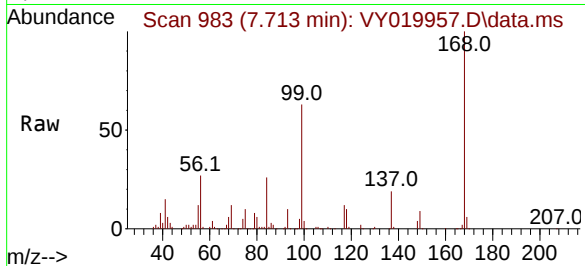
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

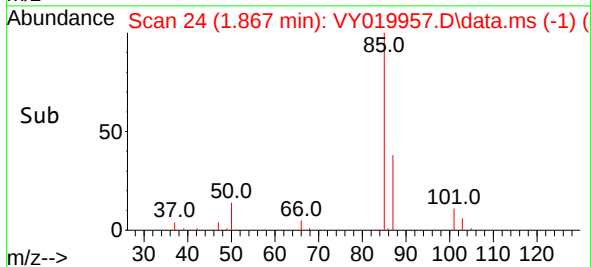
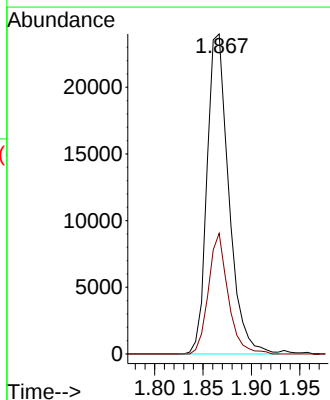
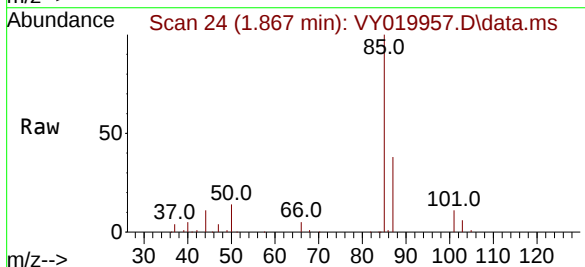
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MSVOA_Y
ClientSampleId :

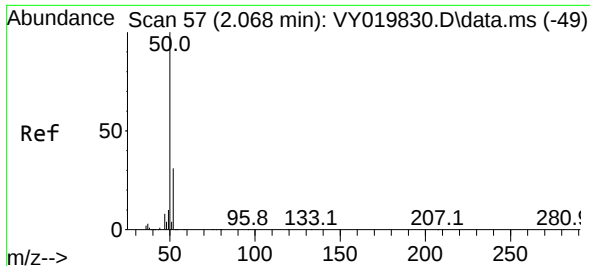
Tgt Ion:168 Resp: 230066
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 17.593 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 85 Resp: 37679
Ion Ratio Lower Upper
85 100
87 37.7 16.0 48.0

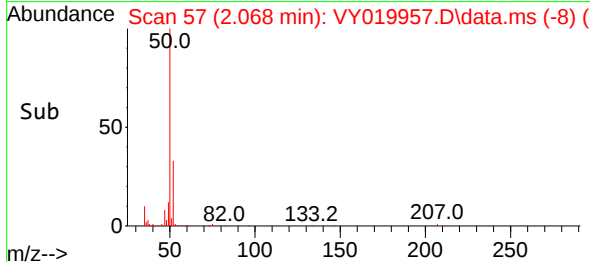
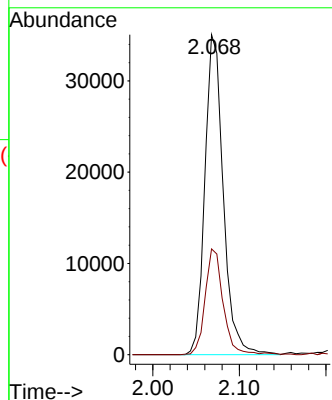
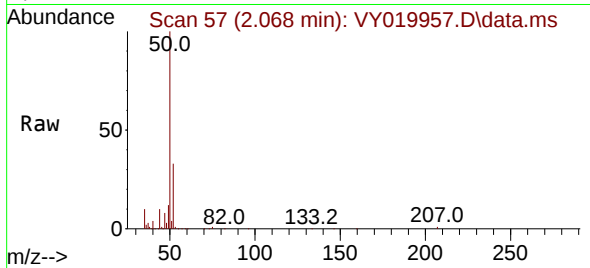




#3
Chloromethane
Concen: 18.541 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

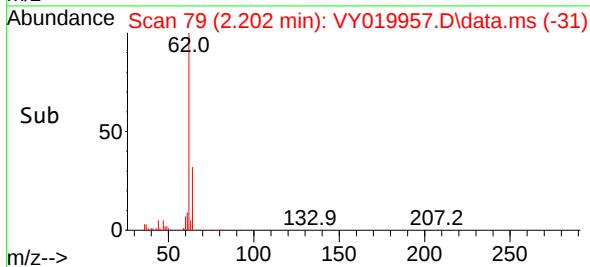
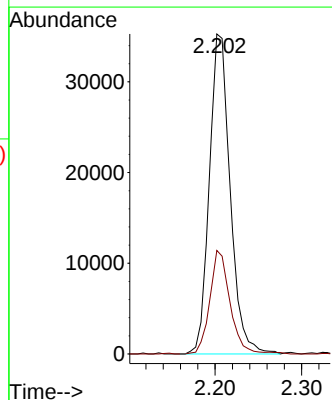
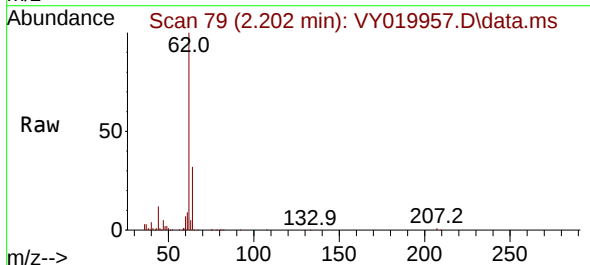
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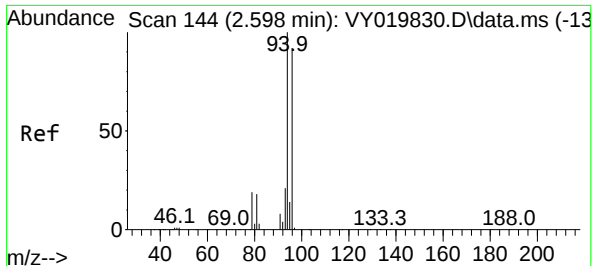
Tgt Ion: 50 Resp: 51683
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 19.211 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 62 Resp: 58929
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

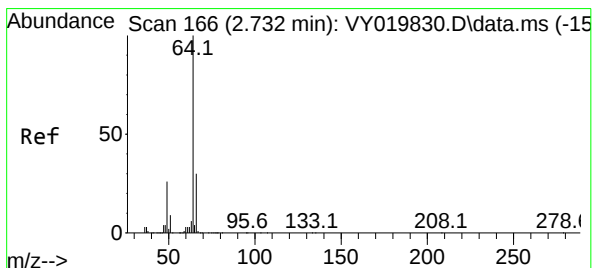
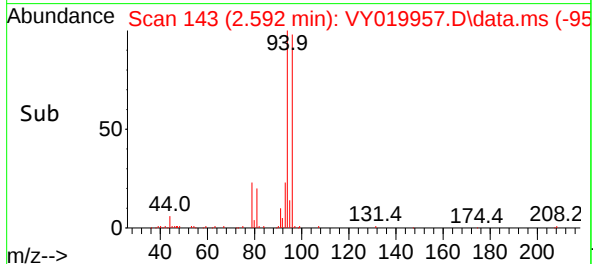
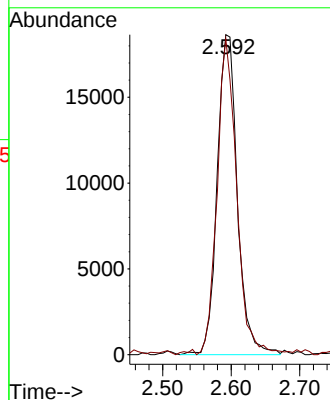
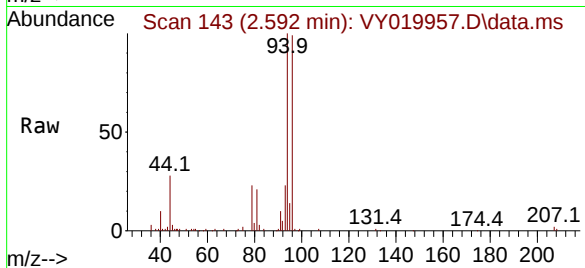




#5
Bromomethane
Concen: 19.633 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

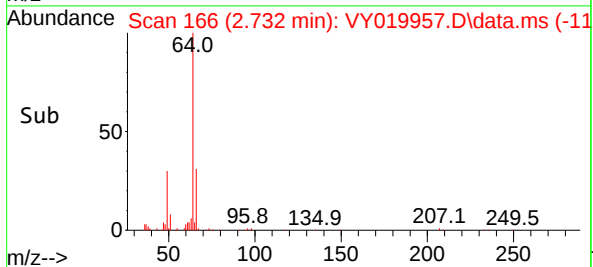
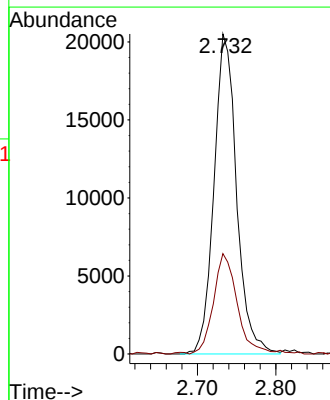
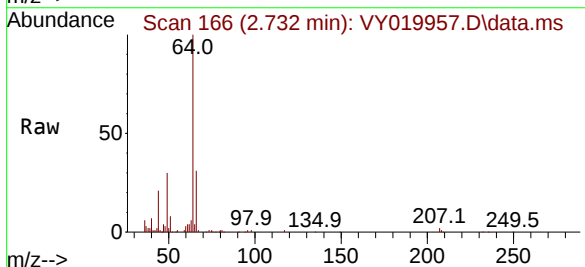
Instrument :
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ClientSampleId :

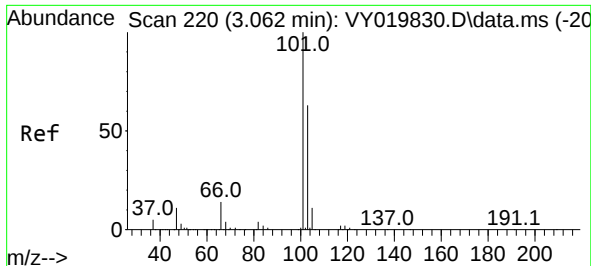
Tgt Ion: 94 Resp: 38119
Ion Ratio Lower Upper
94 100
96 98.1 74.1 111.1



#6
Chloroethane
Concen: 19.953 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 64 Resp: 41117
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1

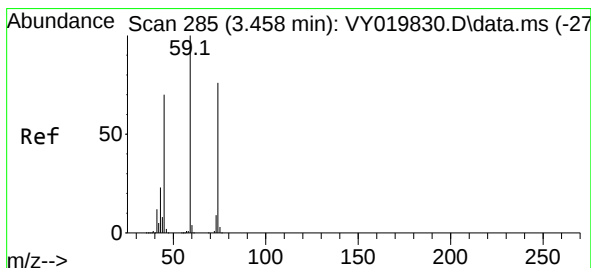
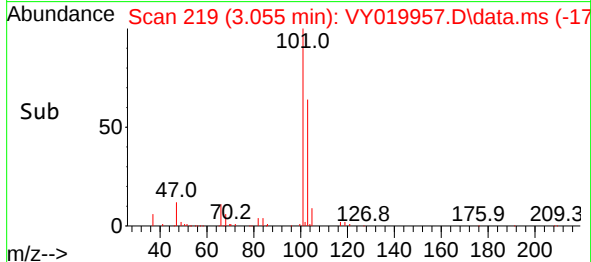
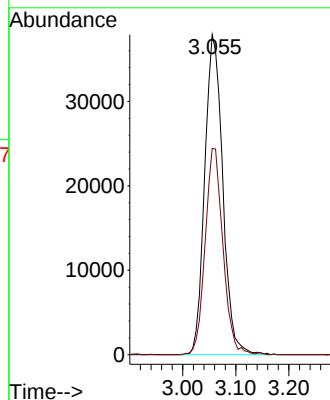
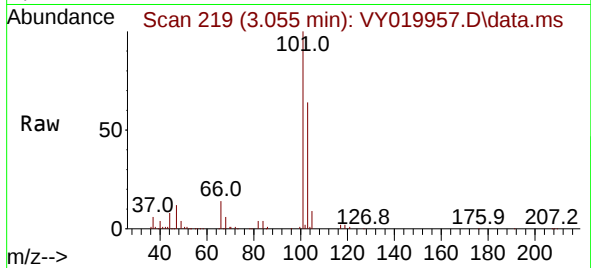




#7
 Trichlorofluoromethane
 Concen: 19.622 ug/l
 RT: 3.055 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

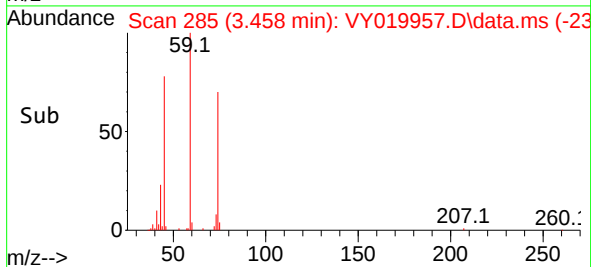
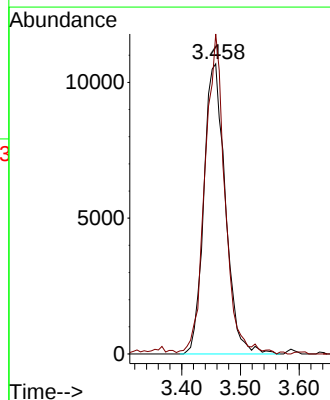
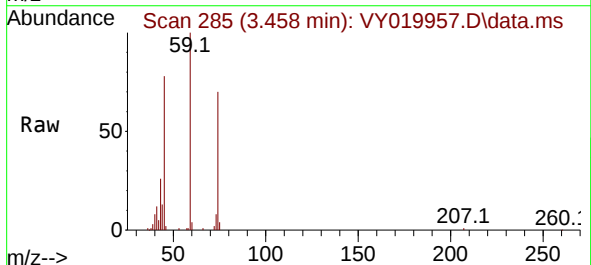
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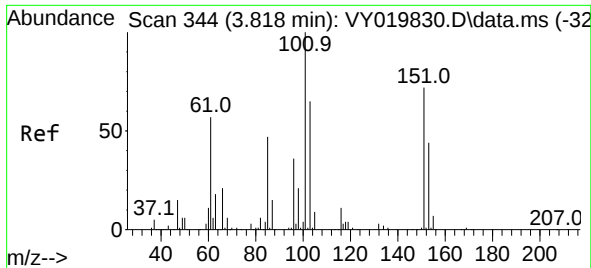
Tgt Ion:101 Resp: 89563
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.600 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

Tgt Ion: 74 Resp: 27189
 Ion Ratio Lower Upper
 74 100
 45 103.0 41.3 124.1

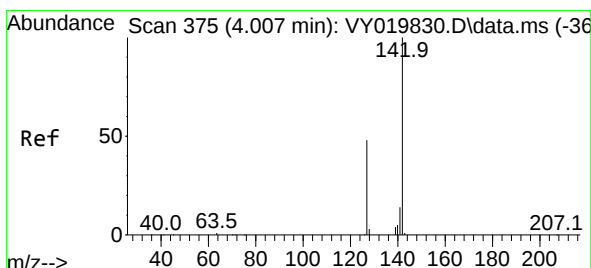
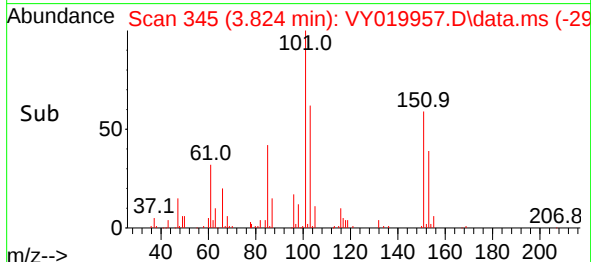
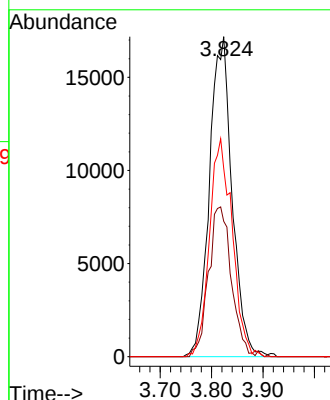
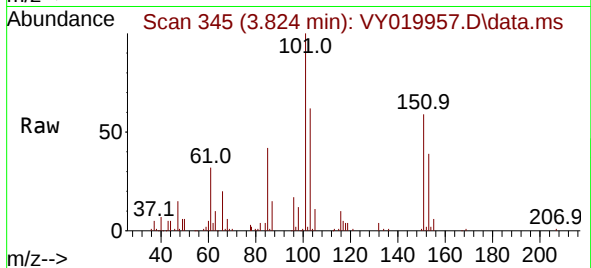




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.825 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

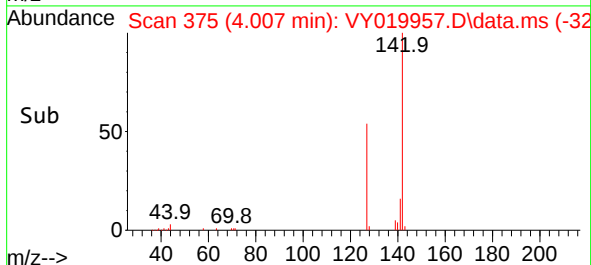
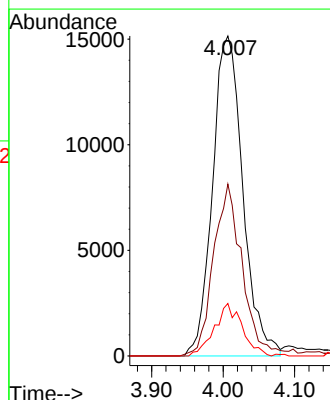
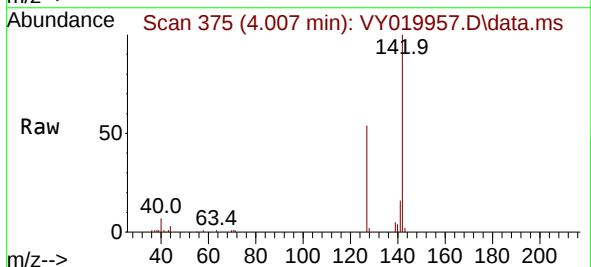
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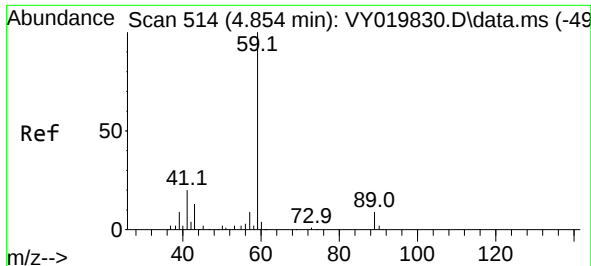
Tgt Ion:101 Resp: 52634
Ion Ratio Lower Upper
101 100
85 47.0 34.5 51.7
151 68.5 61.7 92.5



#10
Methyl Iodide
Concen: 16.617 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion:142 Resp: 44620
Ion Ratio Lower Upper
142 100
127 50.8 32.8 49.2#
141 15.0 11.4 17.2

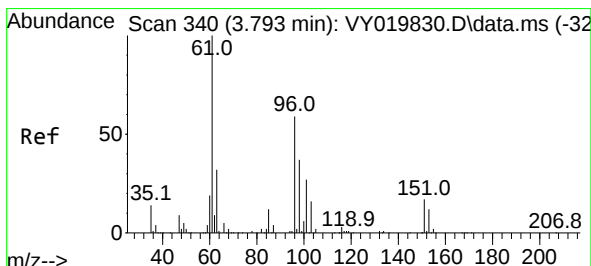
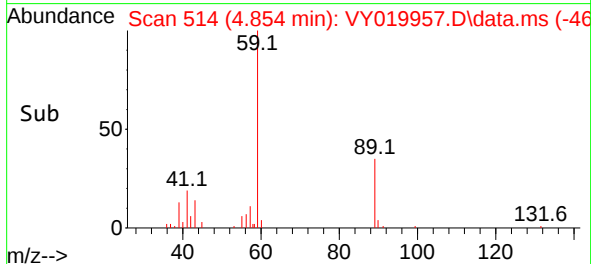
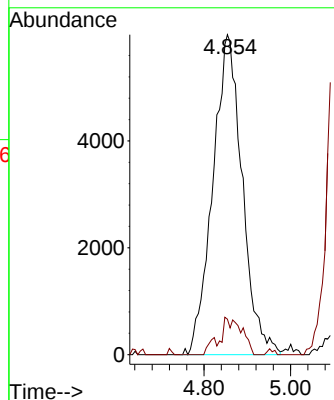
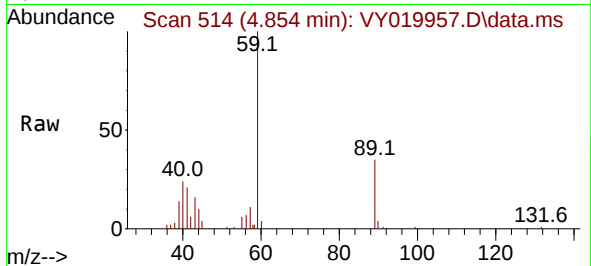




#11
Tert butyl alcohol
Concen: 113.823 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

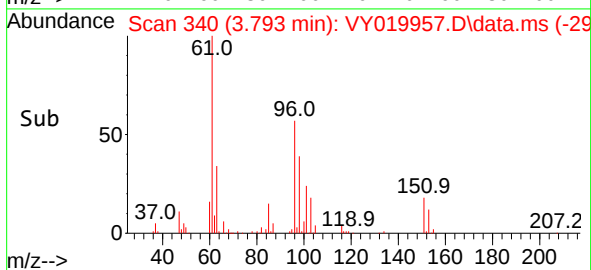
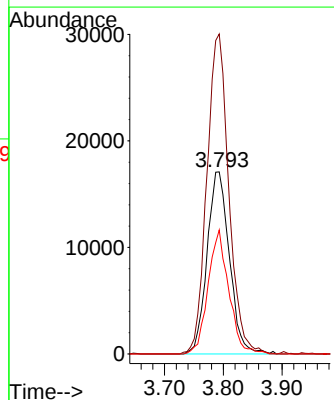
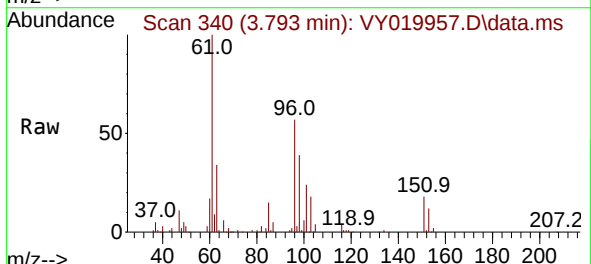
Instrument :
MSVOA_Y
ClientSampleId :

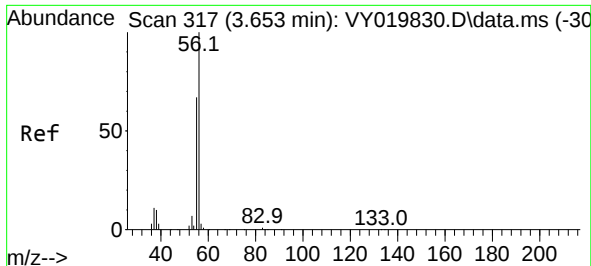
Tgt Ion: 59 Resp: 28317
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.310 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 96 Resp: 45192
Ion Ratio Lower Upper
96 100
61 175.8 114.6 171.8#
98 68.2 50.8 76.2





#13

Acrolein

Concen: 86.585 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

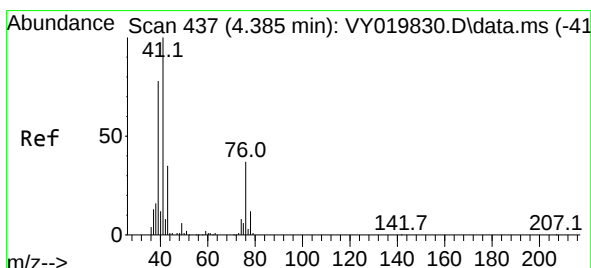
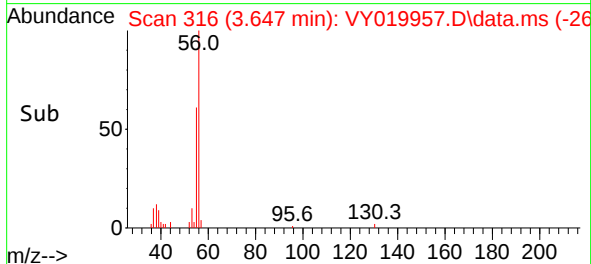
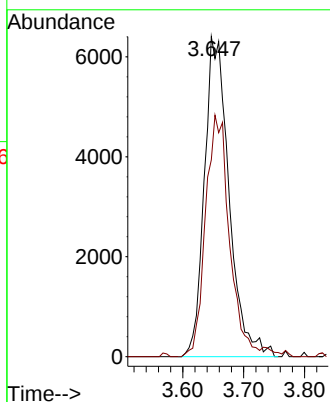
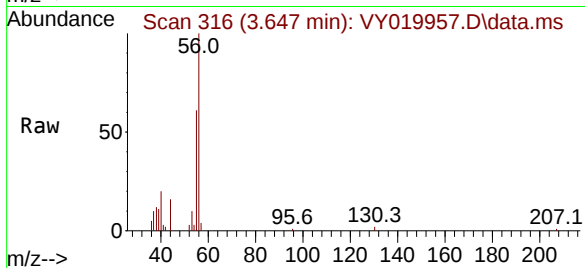
ClientSampleId :

Tgt Ion: 56 Resp: 18023

Ion Ratio Lower Upper

56 100

55 72.8 55.7 83.5



#14

Allyl chloride

Concen: 19.741 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

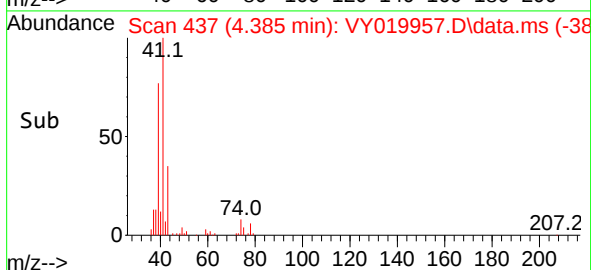
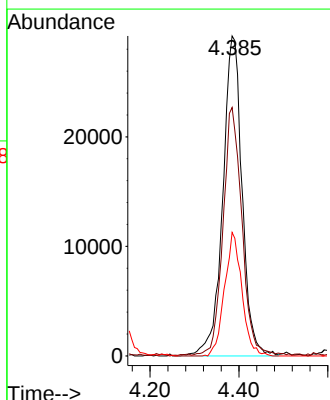
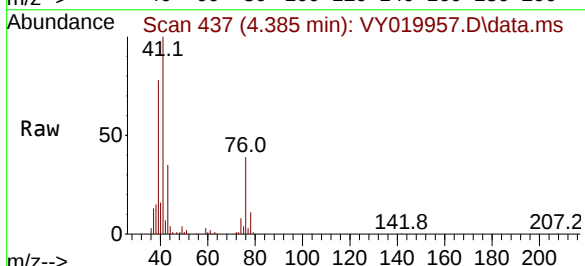
Tgt Ion: 41 Resp: 87910

Ion Ratio Lower Upper

41 100

39 75.5 58.3 87.5

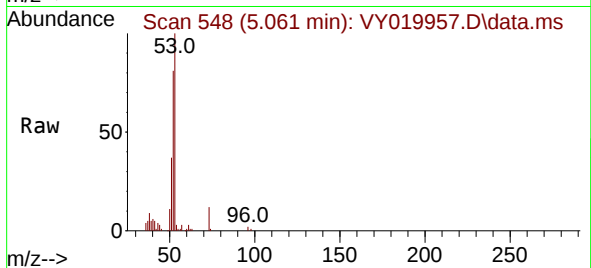
76 34.7 39.0 58.6#



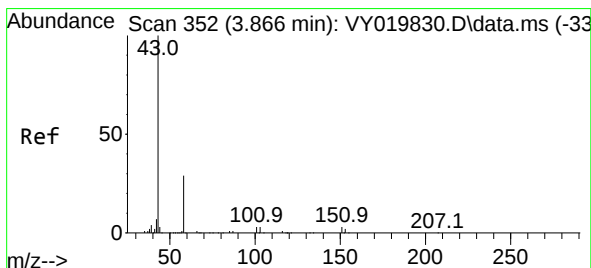
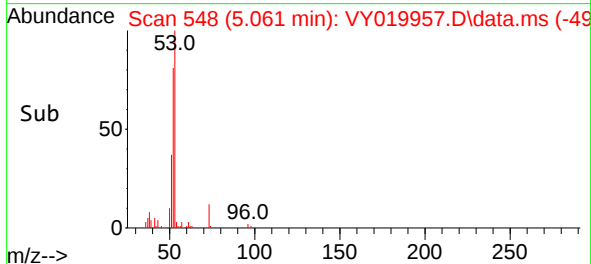
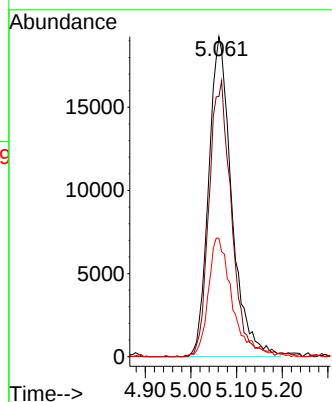


#15
Acrylonitrile
Concen: 106.385 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

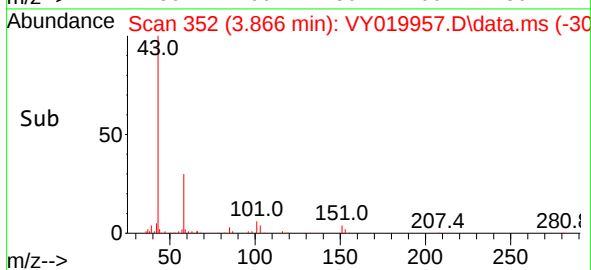
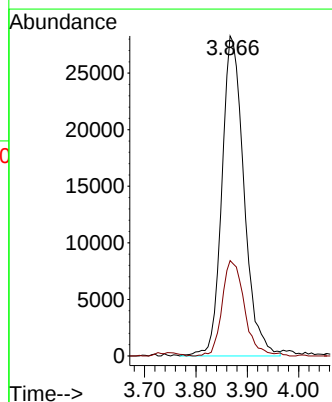
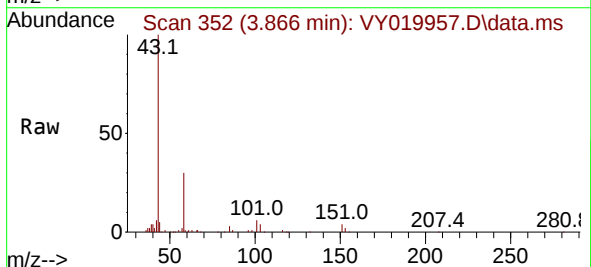


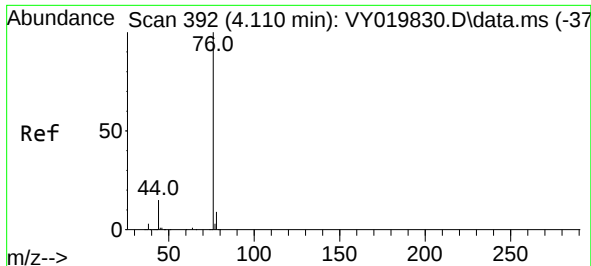
Tgt Ion: 53 Resp: 67501
Ion Ratio Lower Upper
53 100
52 83.3 64.7 97.1
51 39.0 28.4 42.6



#16
Acetone
Concen: 114.593 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 43 Resp: 84503
Ion Ratio Lower Upper
43 100
58 29.3 31.7 47.5#

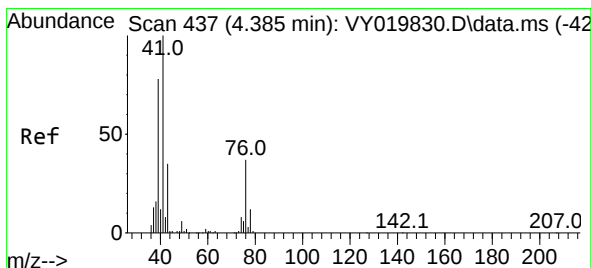
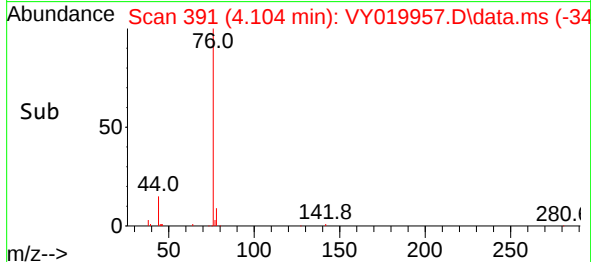
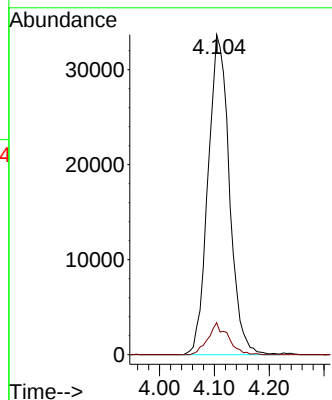
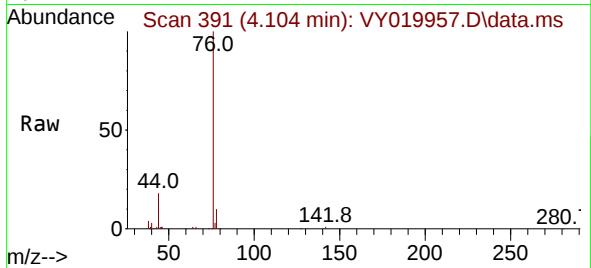




#17
Carbon Disulfide
Concen: 13.757 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

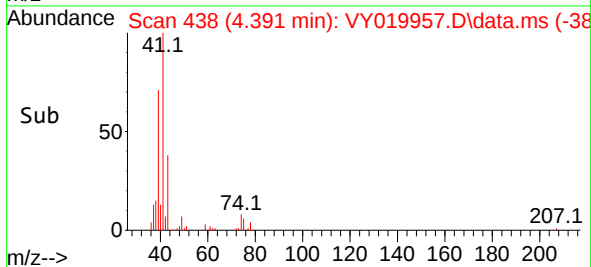
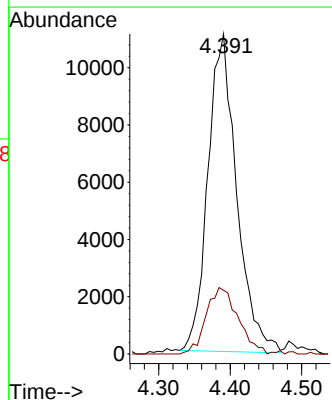
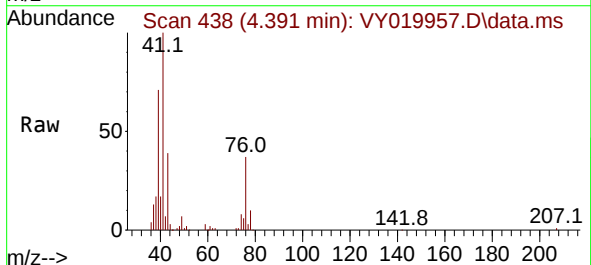
Instrument :
MSVOA_Y
ClientSampleId :

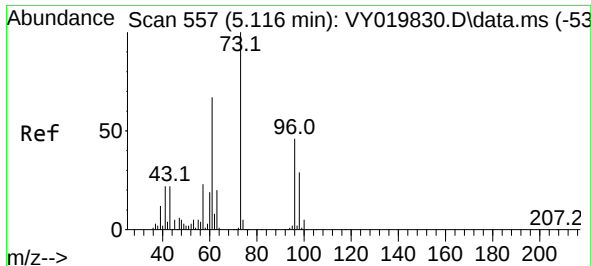
Tgt Ion: 76 Resp: 91010
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 19.530 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 43 Resp: 31024
Ion Ratio Lower Upper
43 100
74 23.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.524 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

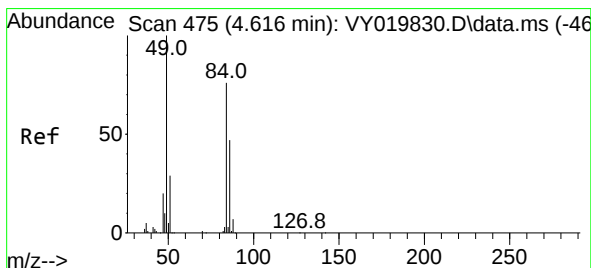
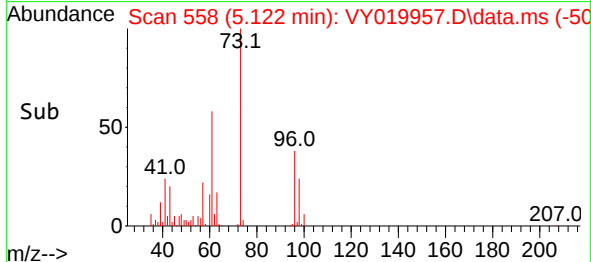
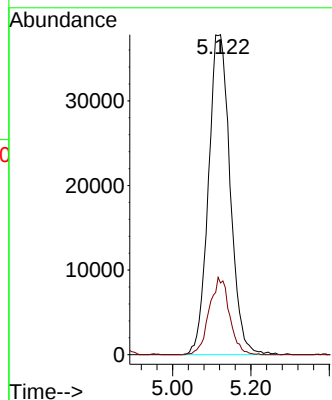
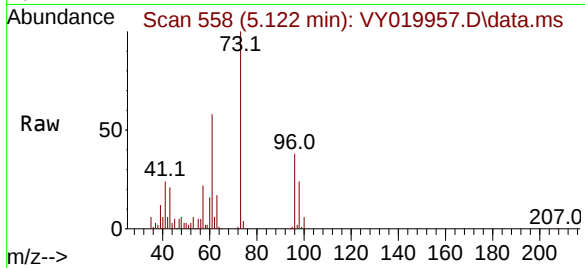
ClientSampleId :

Tgt Ion: 73 Resp: 145530

Ion Ratio Lower Upper

73 100

57 22.4 17.3 25.9



#20

Methylene Chloride

Concen: 20.394 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Tgt Ion: 84 Resp: 56870

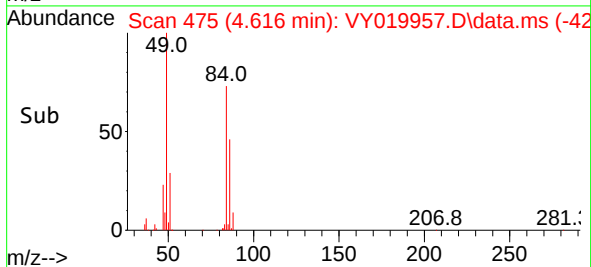
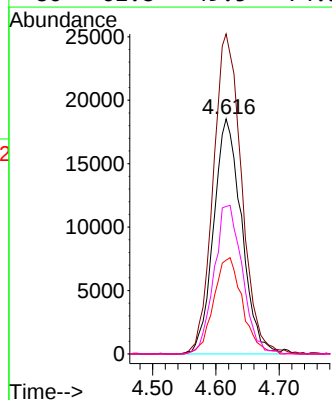
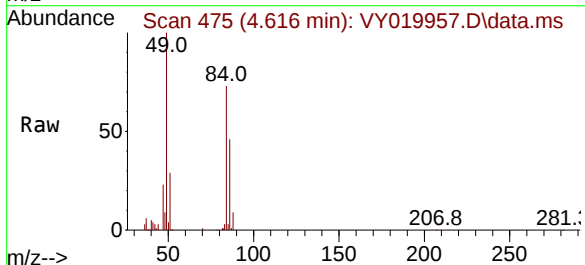
Ion Ratio Lower Upper

84 100

49 136.1 84.4 126.6#

51 39.9 26.0 39.0#

86 62.8 49.5 74.3

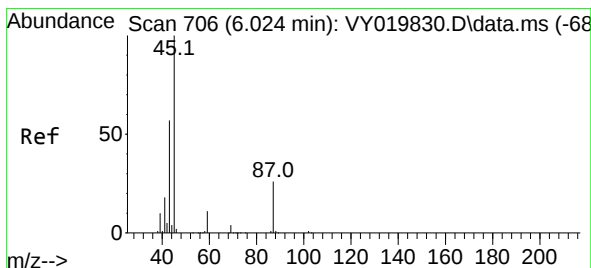
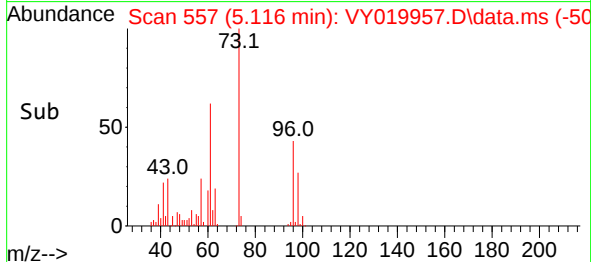
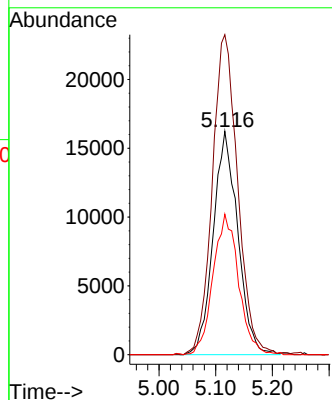
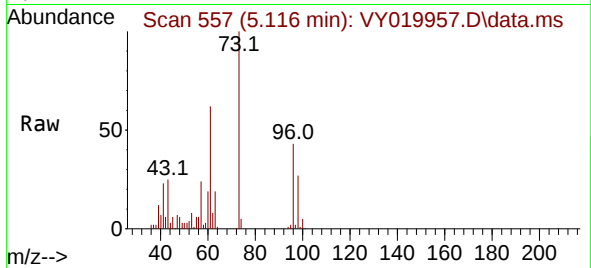




#21
trans-1,2-Dichloroethene
Concen: 18.162 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

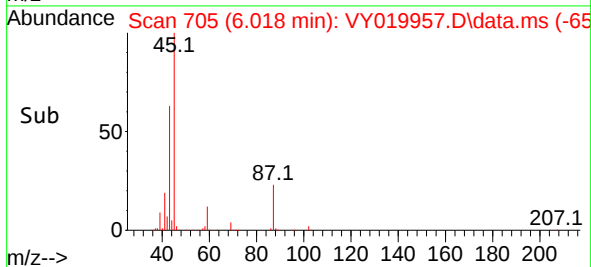
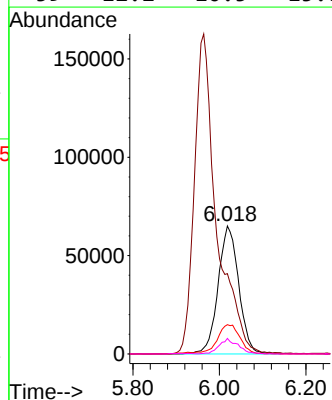
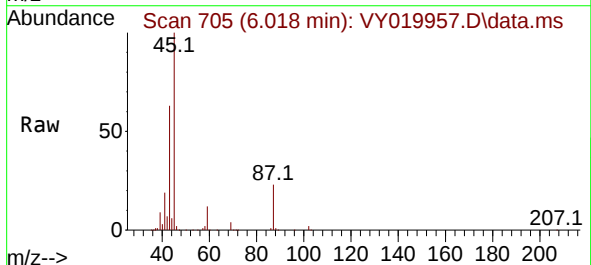
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 48787
Ion Ratio Lower Upper
96 100
61 143.3 97.5 146.3
98 62.5 50.5 75.7



#22
Diisopropyl ether
Concen: 22.250 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 45 Resp: 215826
Ion Ratio Lower Upper
45 100
43 61.7 42.2 63.2
87 22.9 25.0 37.6#
59 12.2 10.5 15.7

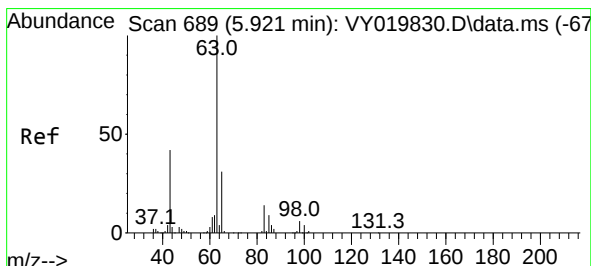
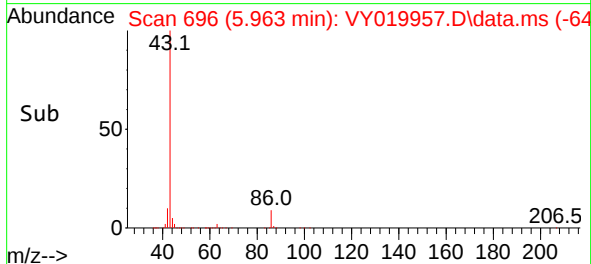
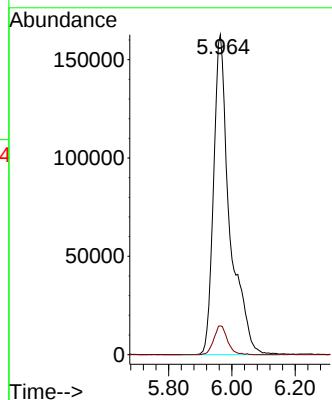
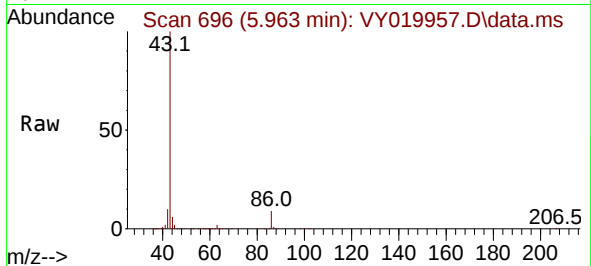




#23
 Vinyl Acetate
 Concen: 104.067 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

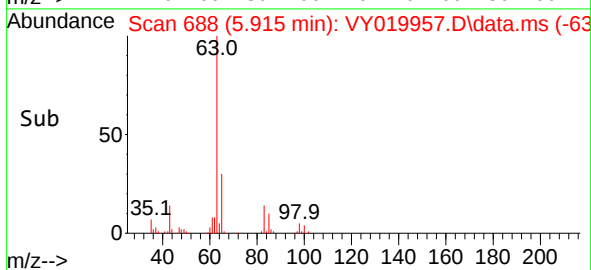
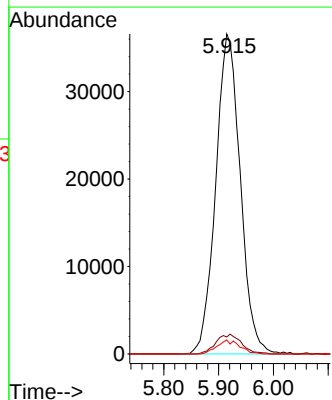
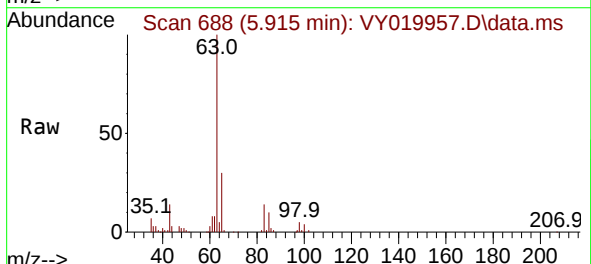
Instrument :
 MSVOA_Y
 ClientSampleId :

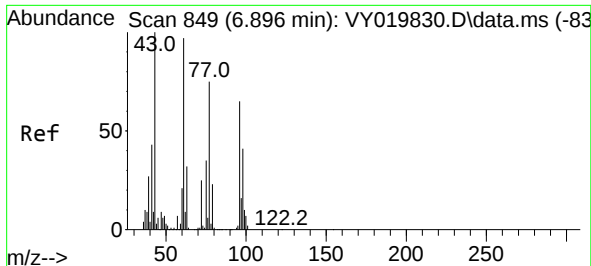
Tgt Ion: 43 Resp: 578701
 Ion Ratio Lower Upper
 43 100
 86 9.0 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.101 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

Tgt Ion: 63 Resp: 113776
 Ion Ratio Lower Upper
 63 100
 98 5.3 4.0 12.2
 100 4.4 2.6 8.0

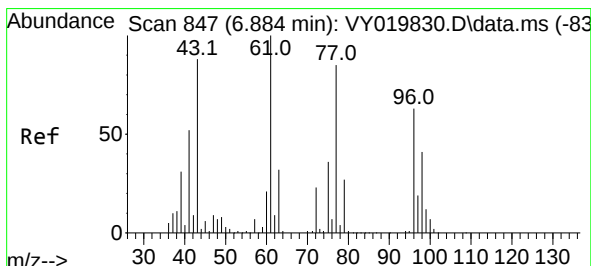
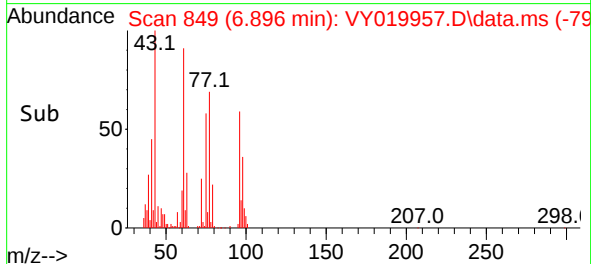
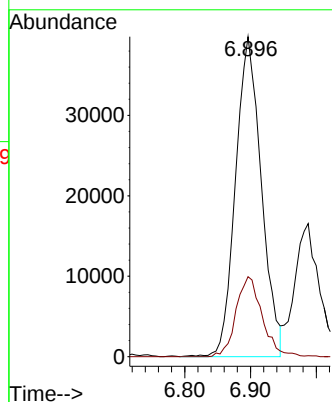
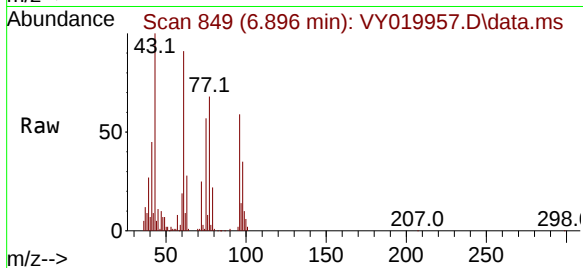




#25
2-Butanone
Concen: 109.707 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

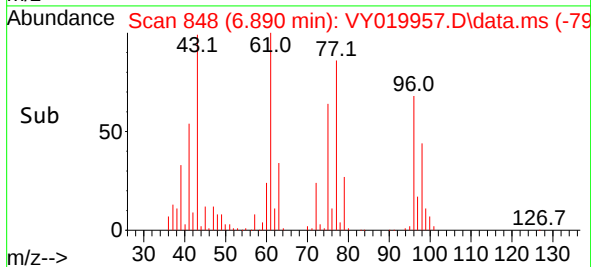
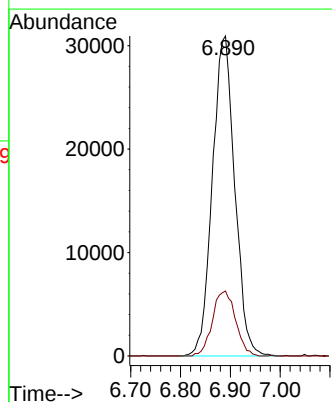
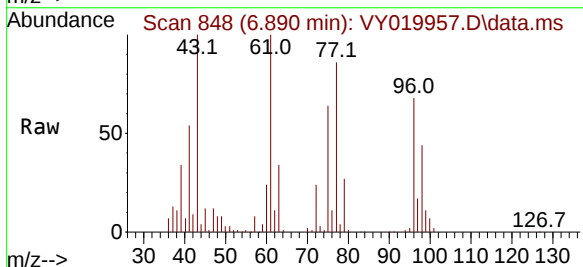
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 108288
Ion Ratio Lower Upper
43 100
72 25.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 20.045 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 77 Resp: 96255
Ion Ratio Lower Upper
77 100
97 21.0 12.0 36.1



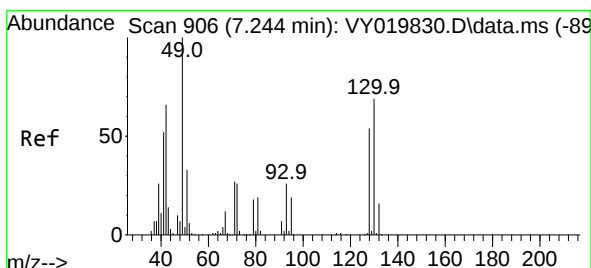
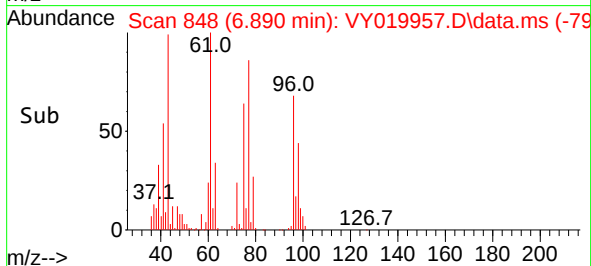
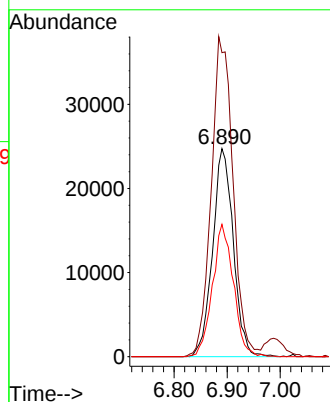
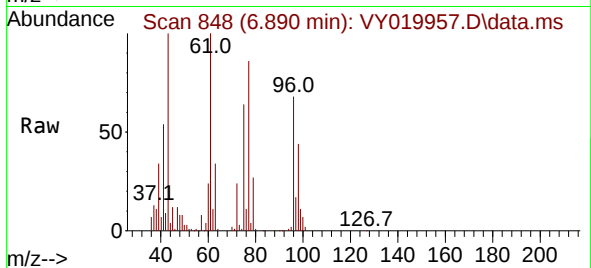


#27
 cis-1,2-Dichloroethene
 Concen: 20.205 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 67075

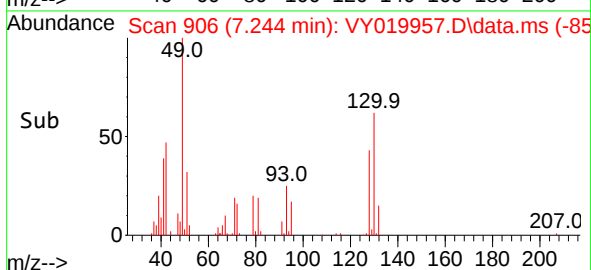
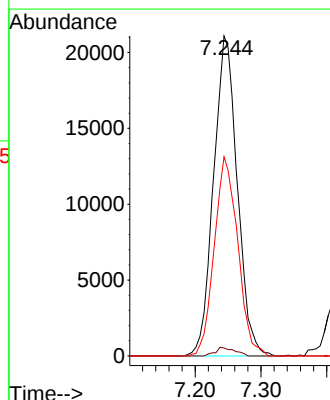
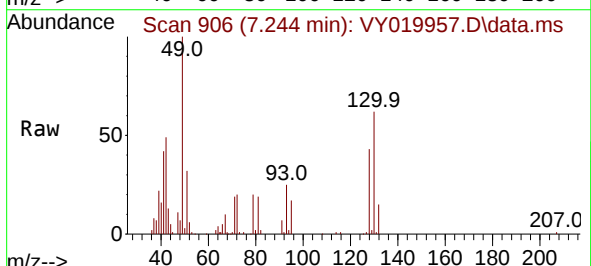
Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	256.2
98	64.4	0.0	130.0

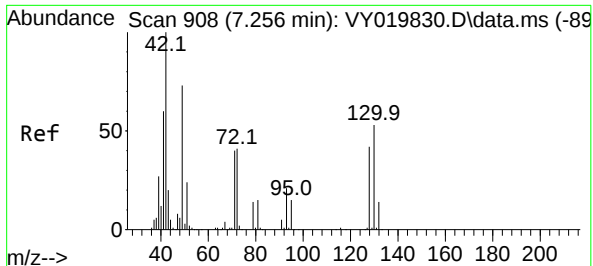


#28
 Bromochloromethane
 Concen: 22.287 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

Tgt Ion: 49 Resp: 52894

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	61.7	72.7	109.1





#29

Tetrahydrofuran

Concen: 102.282 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

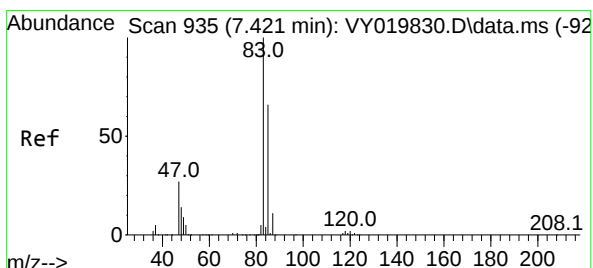
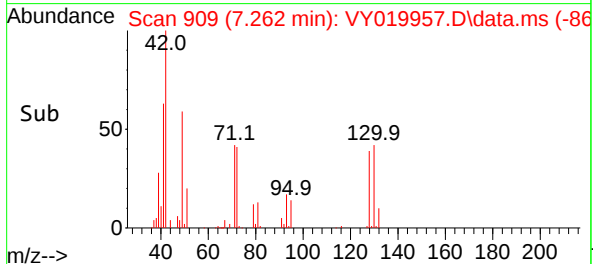
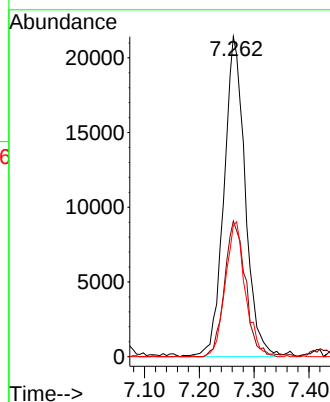
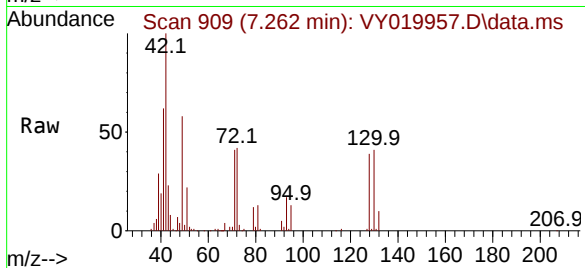
Tgt Ion: 42 Resp: 57645

Ion Ratio Lower Upper

42 100

72 41.6 43.0 64.4#

71 39.8 40.8 61.2#



#30

Chloroform

Concen: 22.101 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019957.D

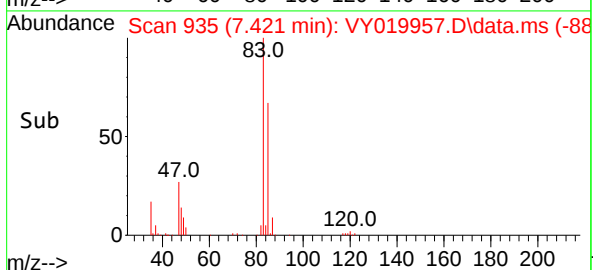
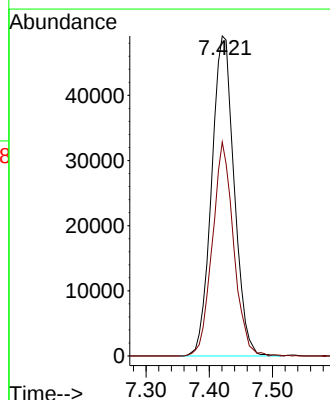
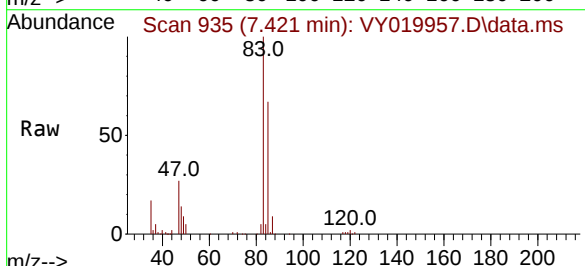
Acq: 21 Oct 2024 12:14

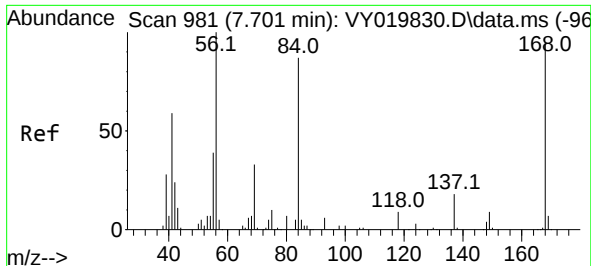
Tgt Ion: 83 Resp: 121481

Ion Ratio Lower Upper

83 100

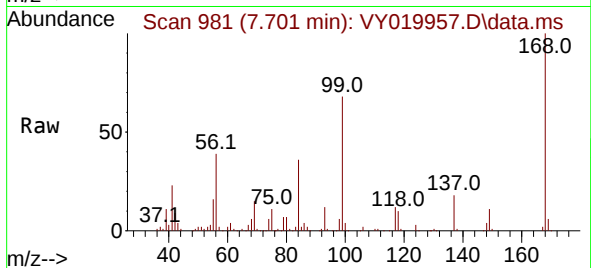
85 66.8 52.2 78.4



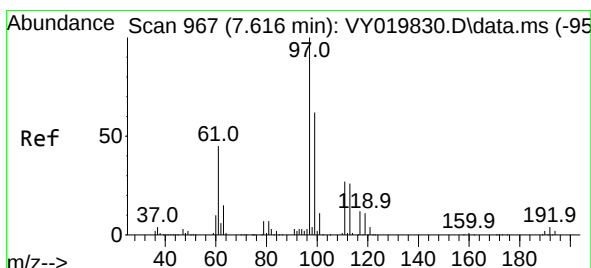
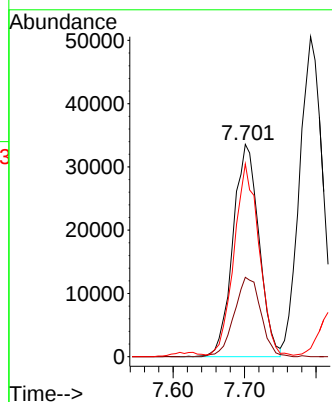
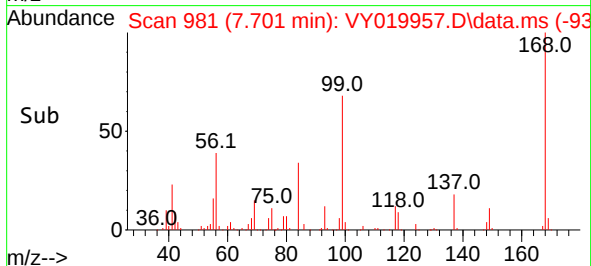


#31
Cyclohexane
Concen: 17.921 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

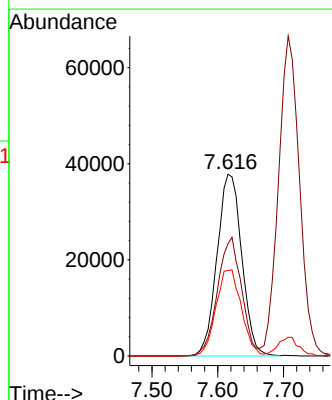
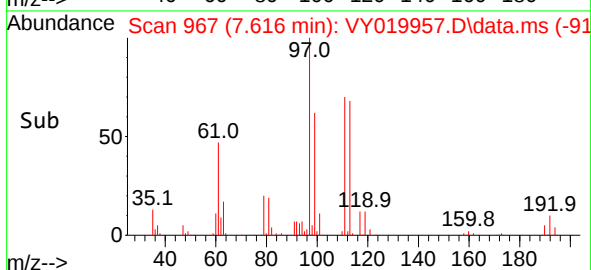
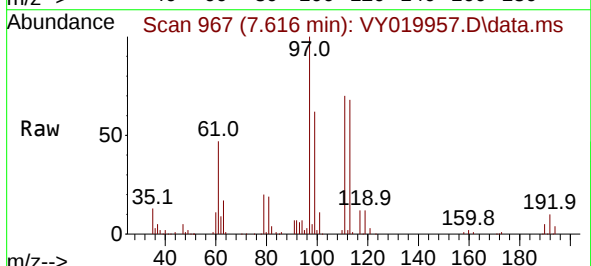


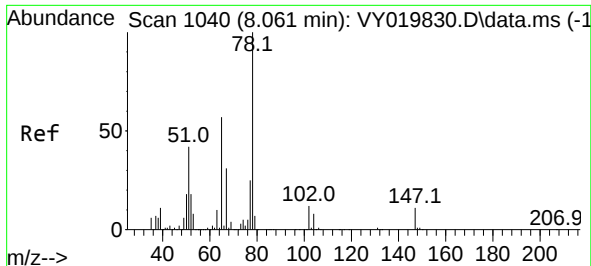
Tgt Ion: 56 Resp: 84825
Ion Ratio Lower Upper
56 100
69 36.7 28.7 43.1
84 89.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.572 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 97 Resp: 99094
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 48.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.818 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

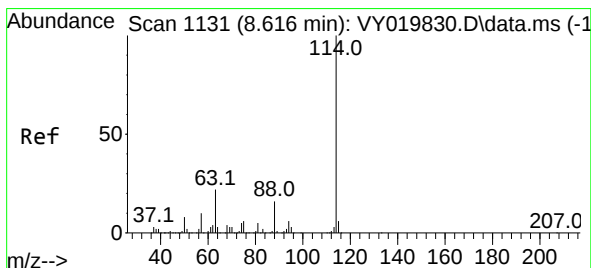
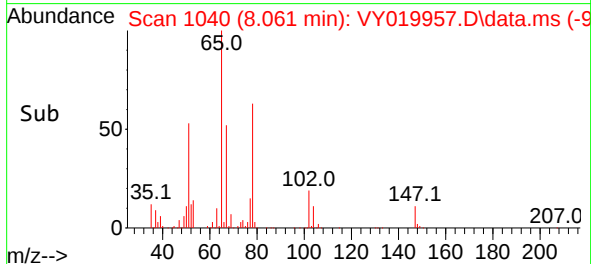
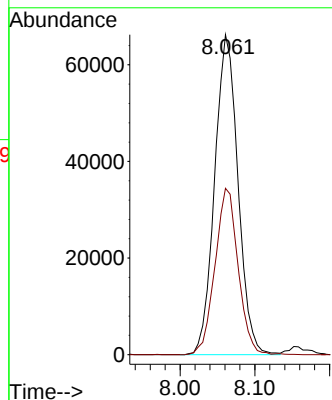
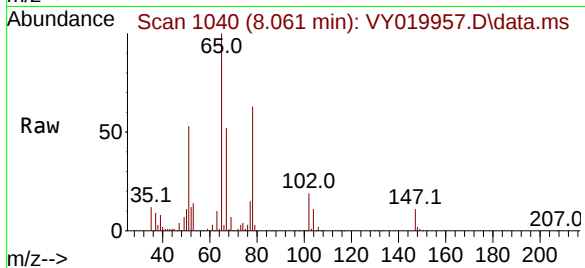
ClientSampleId :

Tgt Ion: 65 Resp: 143958

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

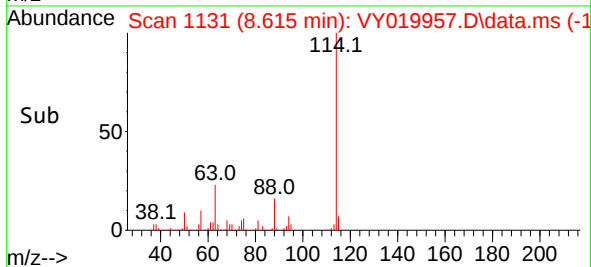
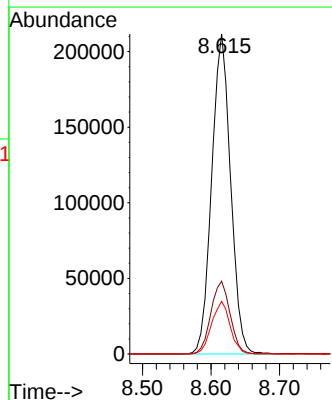
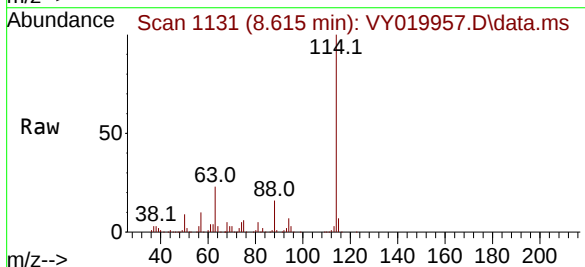
Tgt Ion: 114 Resp: 405171

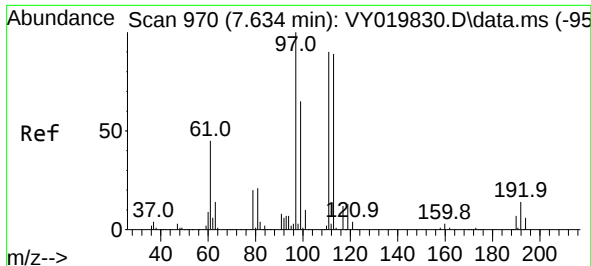
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

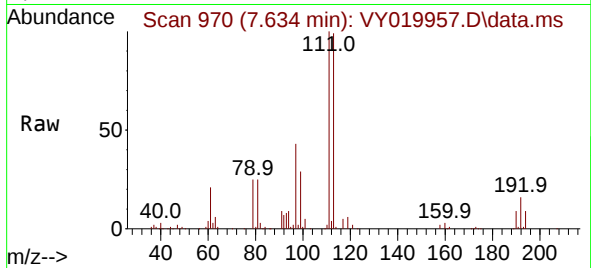
88 16.4 0.0 27.2



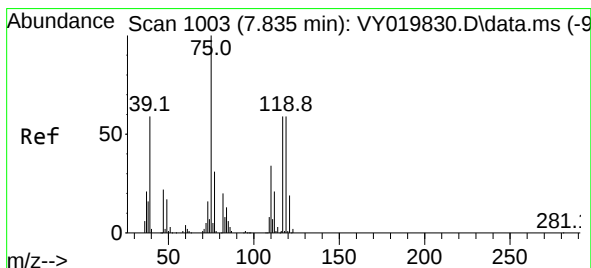
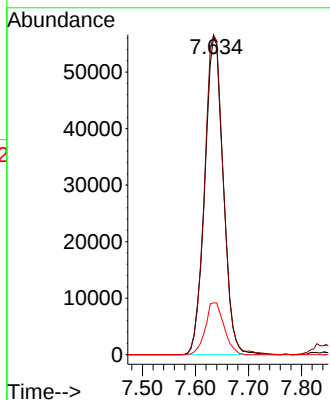
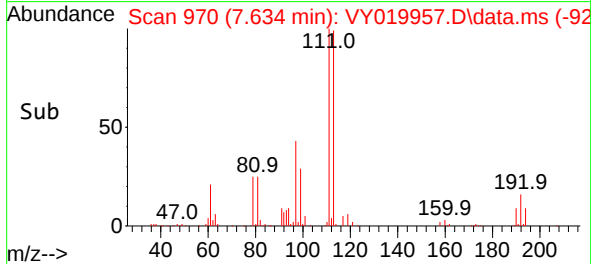


#35
Dibromofluoromethane
Concen: 51.055 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

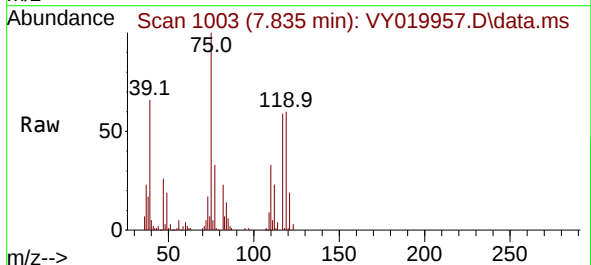
Instrument :
MSVOA_Y
ClientSampleId :



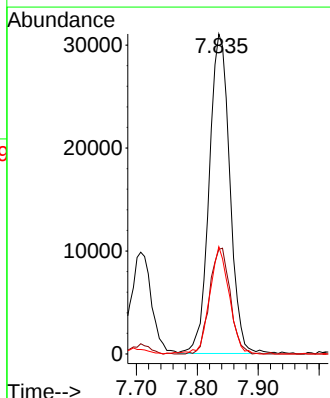
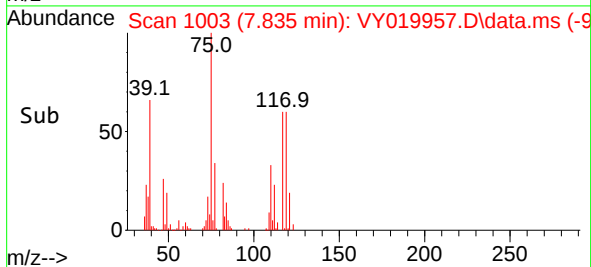
Tgt Ion:113 Resp: 136504
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 16.6 15.9 23.9

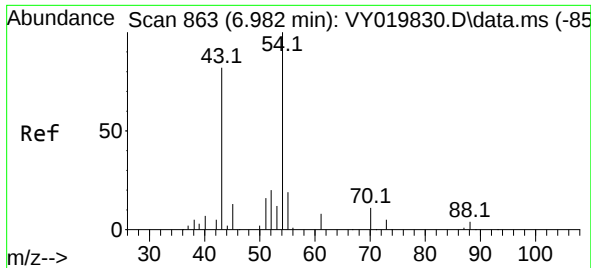


#36
1,1-Dichloropropene
Concen: 18.927 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14



Tgt Ion: 75 Resp: 72904
Ion Ratio Lower Upper
75 100
110 33.1 19.0 57.0
77 32.1 25.3 37.9





#37

Ethyl Acetate

Concen: 20.889 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

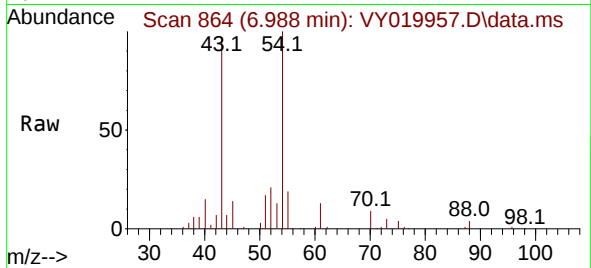
Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

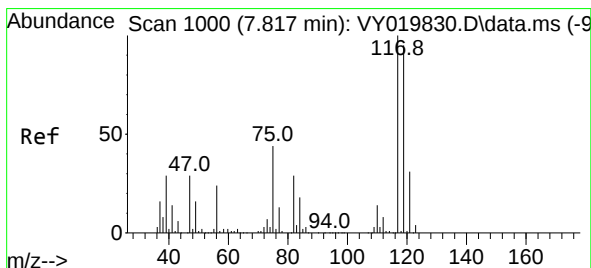
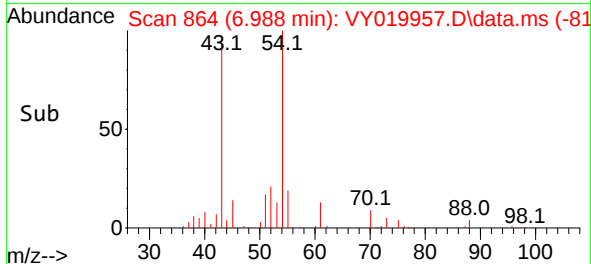
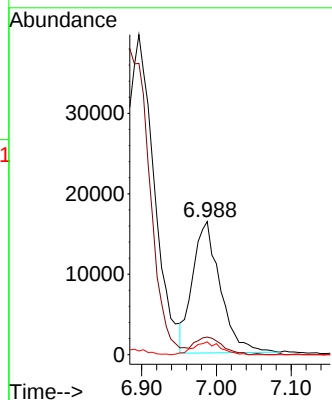
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	41956
Ion	Ratio	Lower	Upper
43	100		
61	12.4	12.6	19.0#
70	9.5	7.8	11.8



#38

Carbon Tetrachloride

Concen: 19.632 ug/l

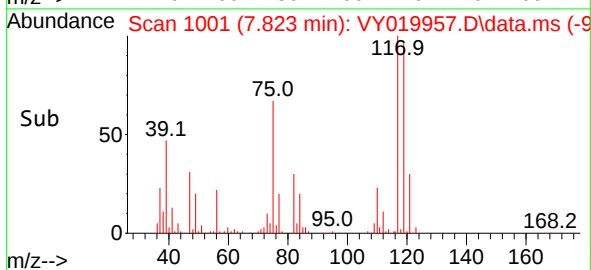
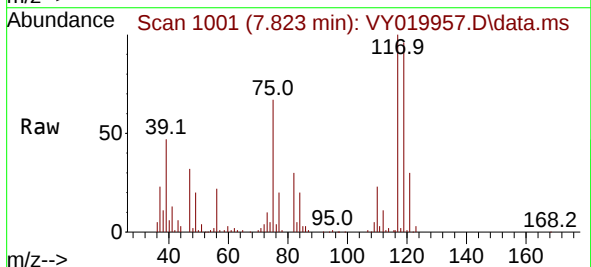
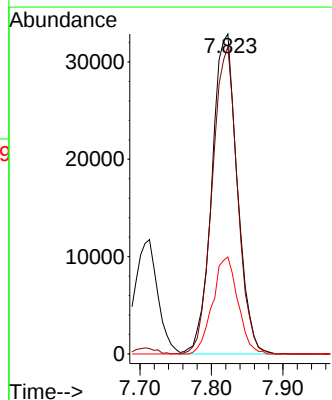
RT: 7.823 min Scan# 1001

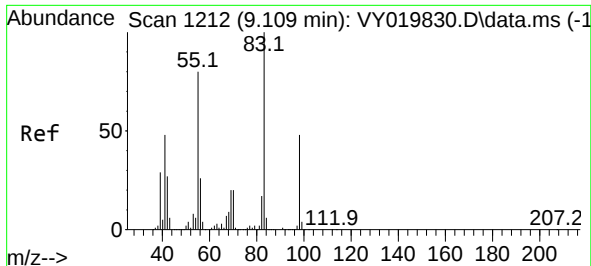
Delta R.T. 0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Tgt Ion:	117	Resp:	81068
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.6
121	30.3	24.0	36.0





#39

Methylcyclohexane

Concen: 17.358 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

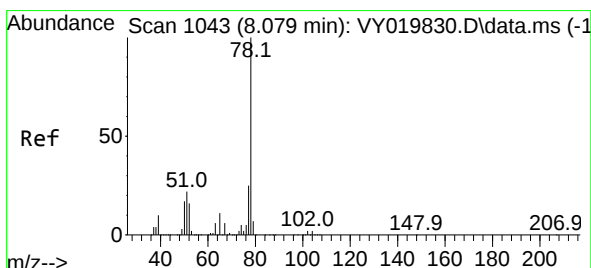
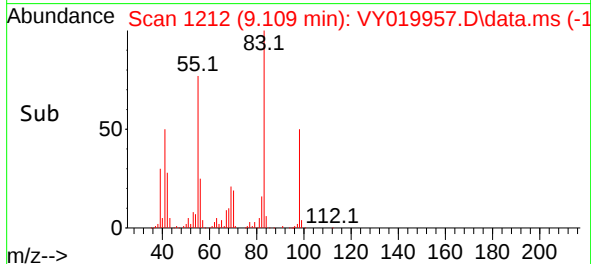
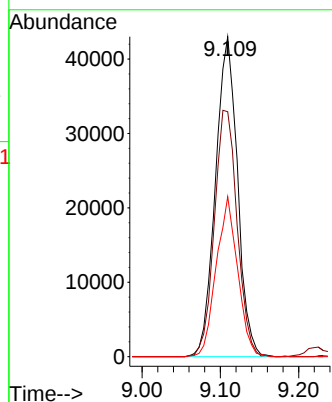
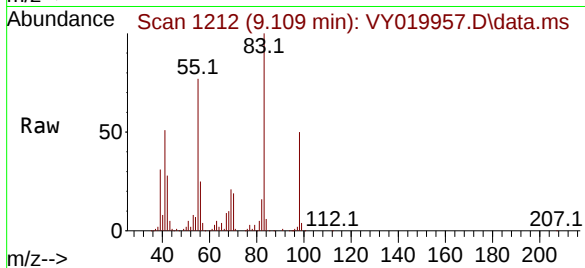
Tgt Ion: 83 Resp: 84245

Ion Ratio Lower Upper

83 100

55 76.6 51.5 77.3

98 50.0 40.5 60.7



#40

Benzene

Concen: 20.070 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019957.D

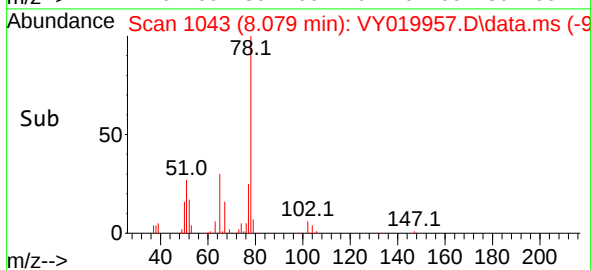
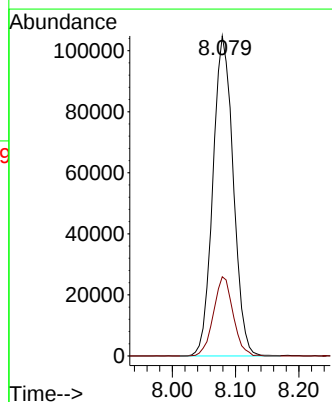
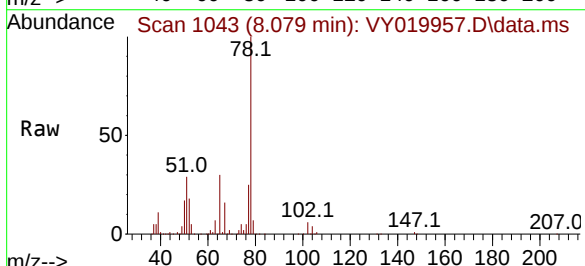
Acq: 21 Oct 2024 12:14

Tgt Ion: 78 Resp: 233964

Ion Ratio Lower Upper

78 100

77 24.7 19.5 29.3

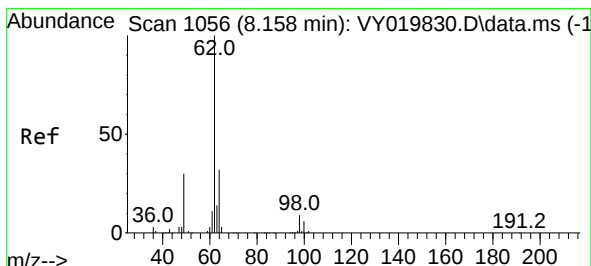
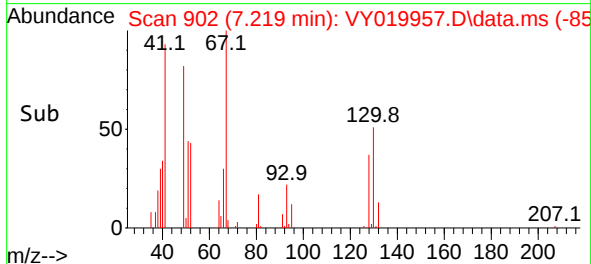
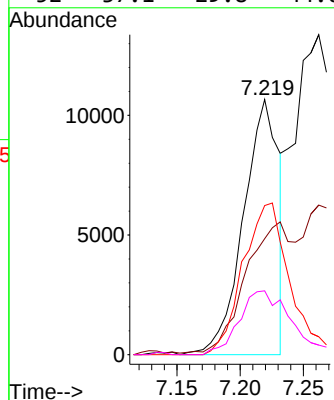
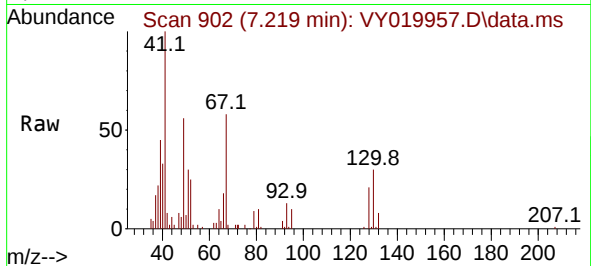




#41
Methacrylonitrile
Concen: 19.123 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

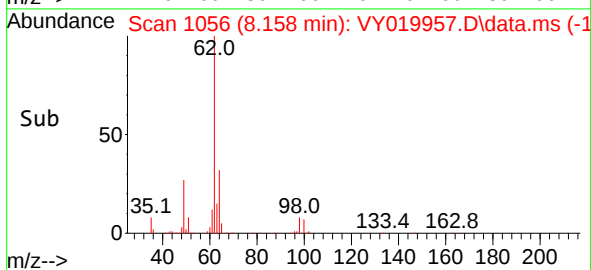
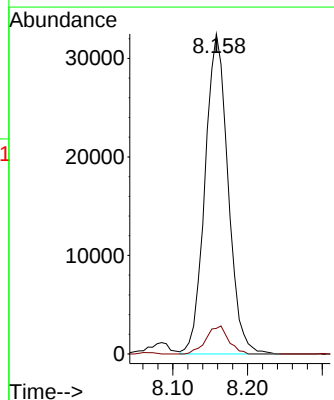
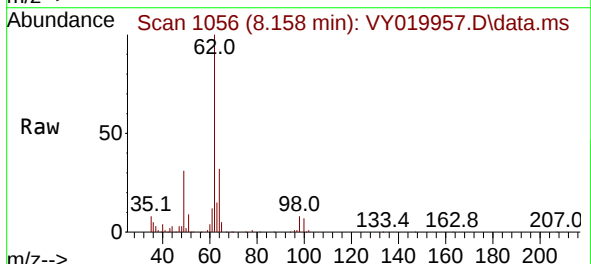
Instrument :
MSVOA_Y
ClientSampleId :

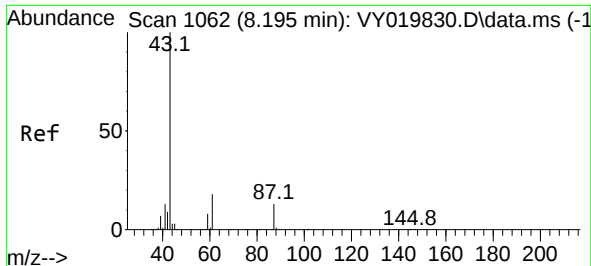
Tgt Ion:	41	Resp:	20788
Ion	Ratio	Lower	Upper
41	100		
39	70.2	48.0	72.0
67	78.9	75.1	112.7
52	37.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.796 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion:	62	Resp:	69648
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	22.0

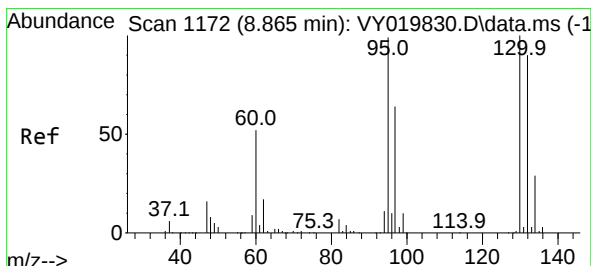
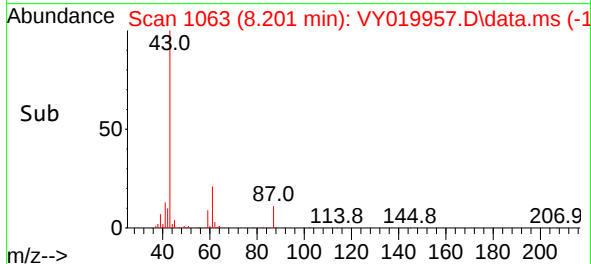
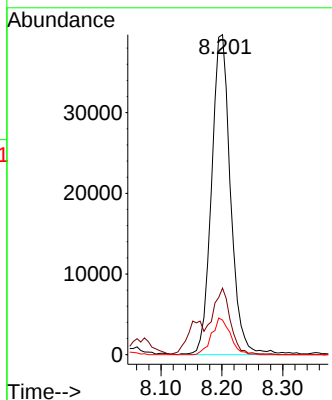
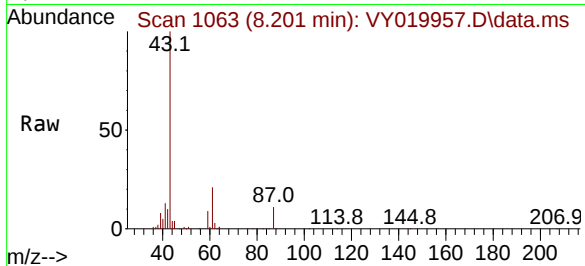




#43
Isopropyl Acetate
Concen: 20.927 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

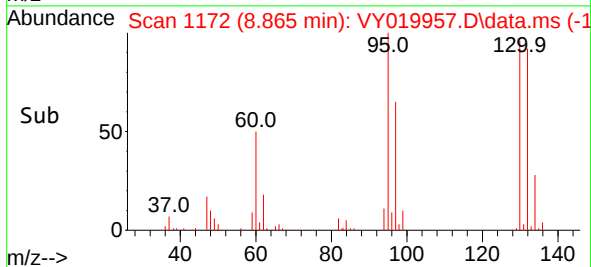
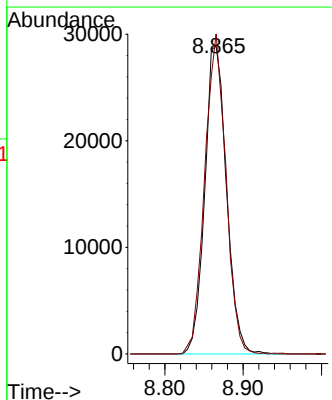
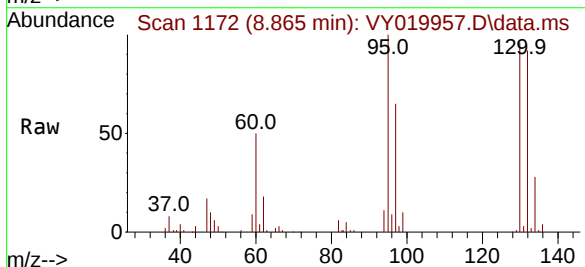
Instrument :
MSVOA_Y
ClientSampleId :

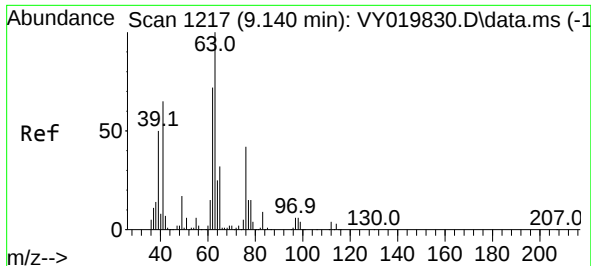
Tgt Ion: 43 Resp: 85722
Ion Ratio Lower Upper
43 100
61 20.0 27.9 41.9#
87 11.2 13.1 19.7#



#44
Trichloroethene
Concen: 19.739 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion:130 Resp: 55731
Ion Ratio Lower Upper
130 100
95 103.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.269 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

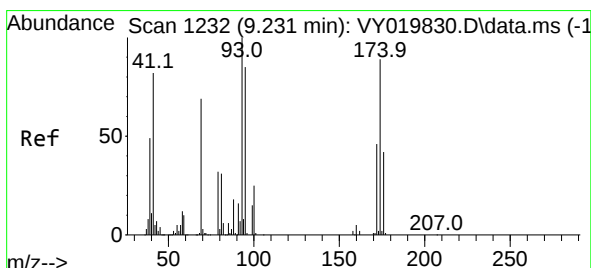
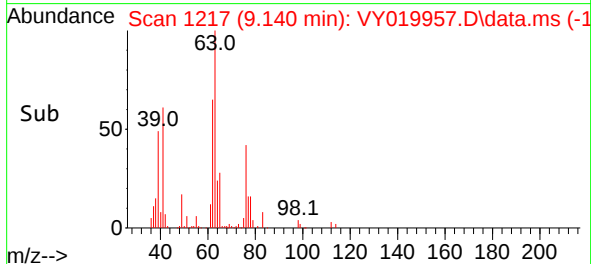
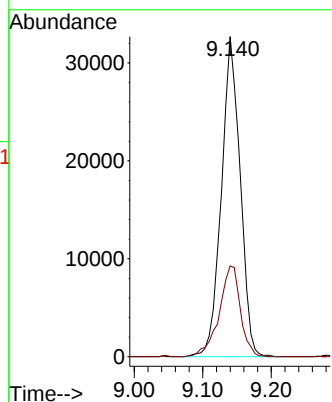
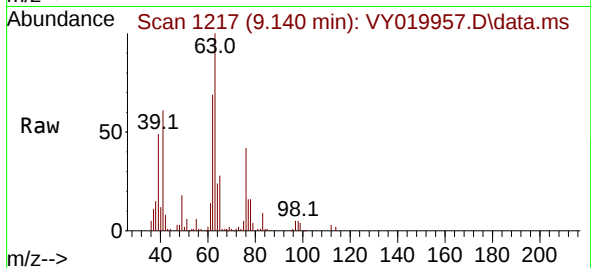
ClientSampleId :

Tgt Ion: 63 Resp: 62060

Ion Ratio Lower Upper

63 100

65 28.4 25.4 38.2



#46

Dibromomethane

Concen: 19.813 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

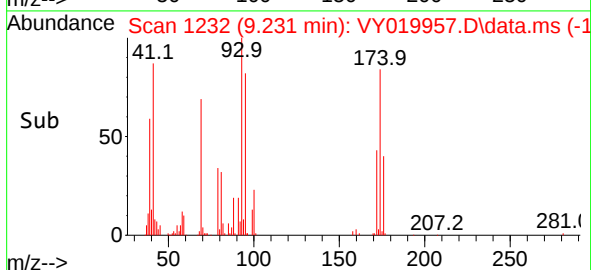
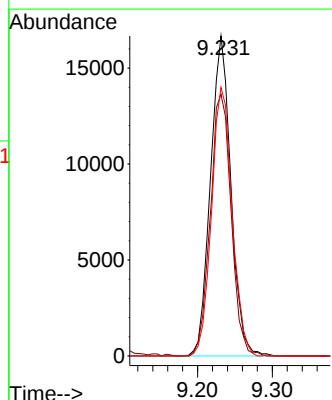
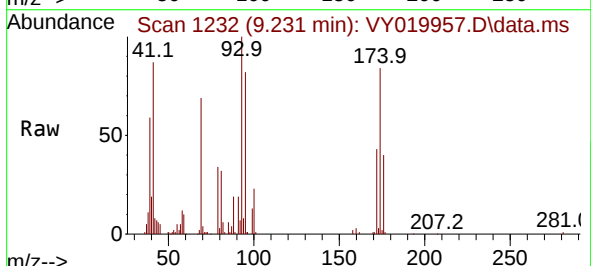
Tgt Ion: 93 Resp: 31585

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 84.6 80.9 121.3

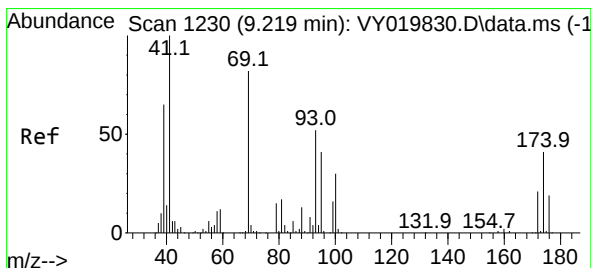
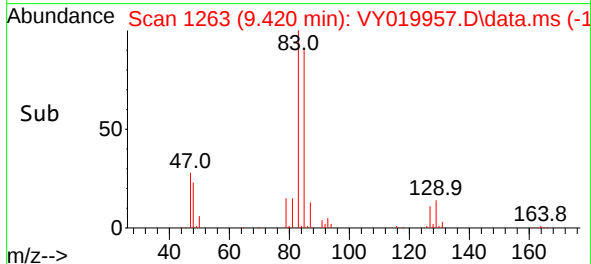
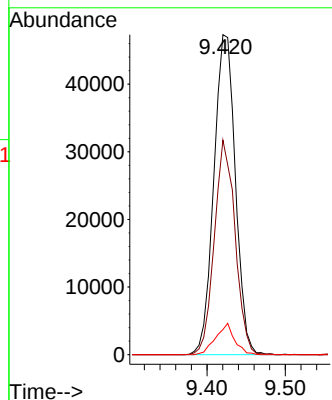
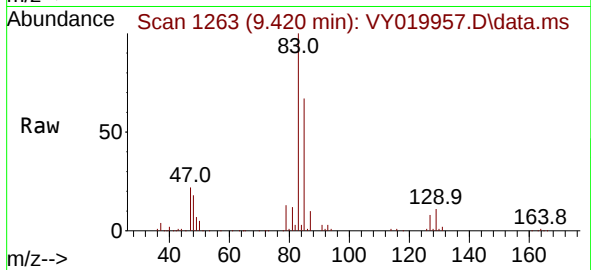




#47
Bromodichloromethane
Concen: 21.414 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

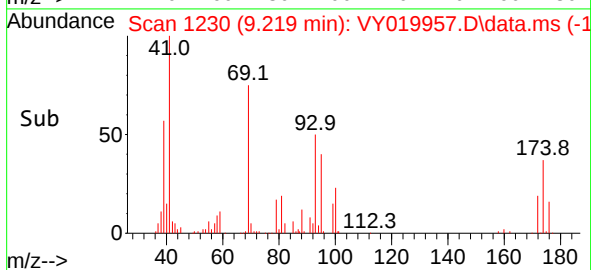
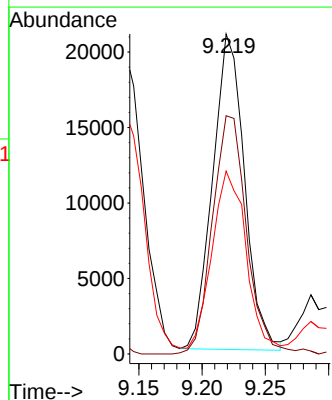
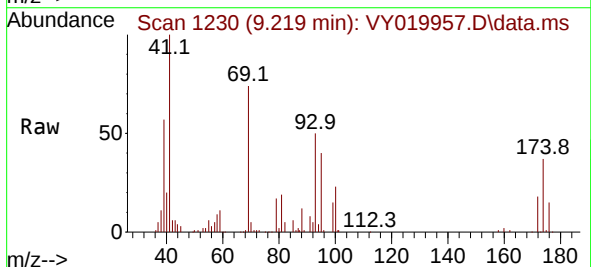
Instrument :
MSVOA_Y
ClientSampleId :

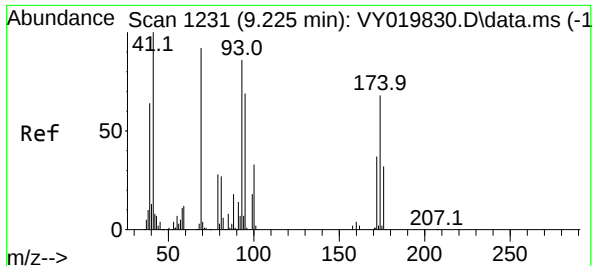
Tgt Ion: 83 Resp: 90613
Ion Ratio Lower Upper
83 100
85 67.1 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 20.292 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 41 Resp: 36562
Ion Ratio Lower Upper
41 100
69 81.4 84.1 126.1#
39 63.3 43.6 65.4





#49

1,4-Dioxane

Concen: 403.534 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

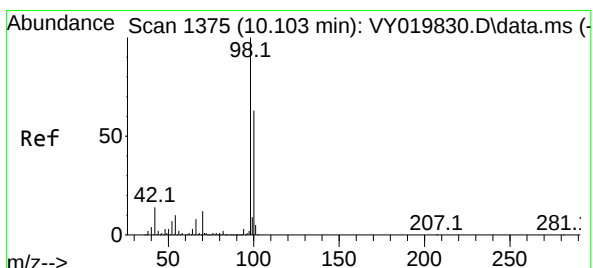
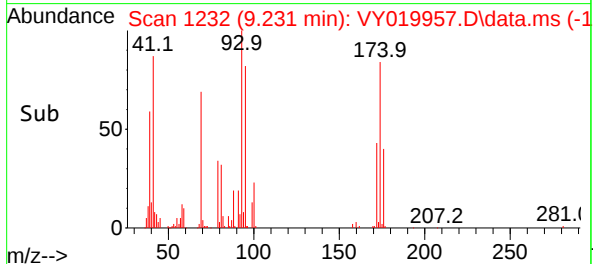
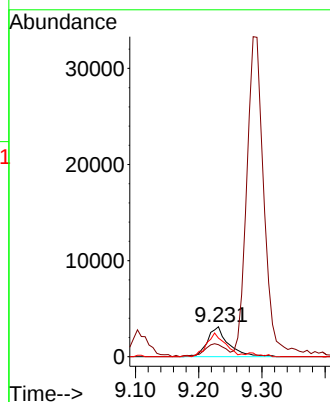
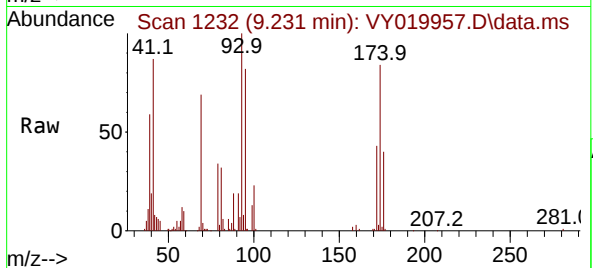
Tgt Ion: 88 Resp: 7200

Ion Ratio Lower Upper

88 100

43 42.6 0.0 0.0#

58 72.0 49.3 73.9



#50

Toluene-d8

Concen: 48.860 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019957.D

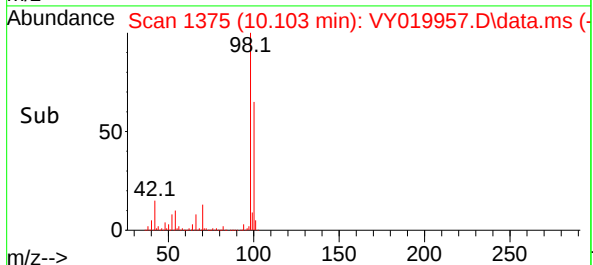
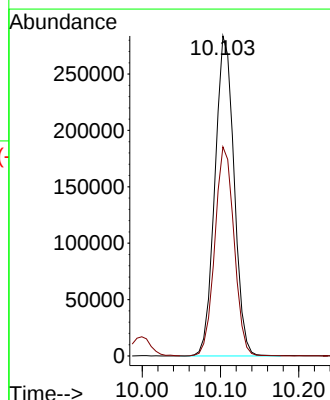
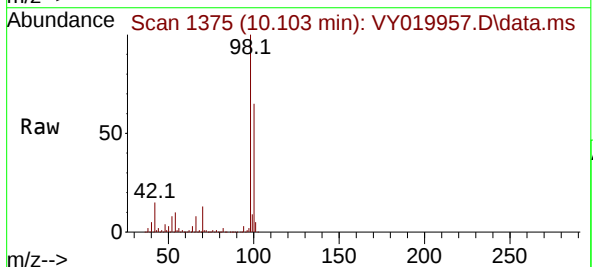
Acq: 21 Oct 2024 12:14

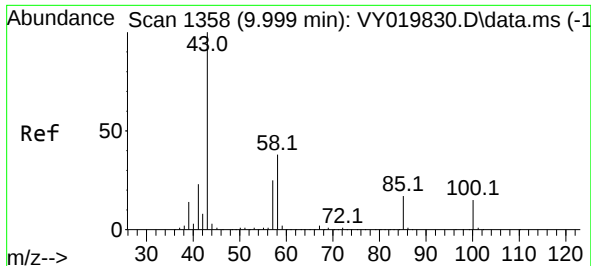
Tgt Ion: 98 Resp: 482417

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 106.163 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

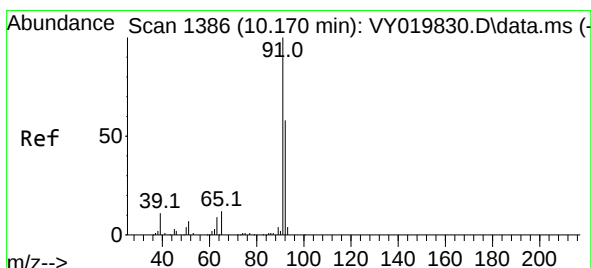
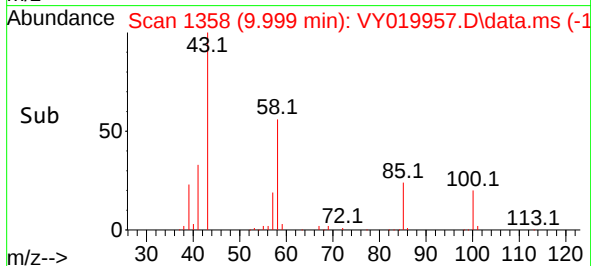
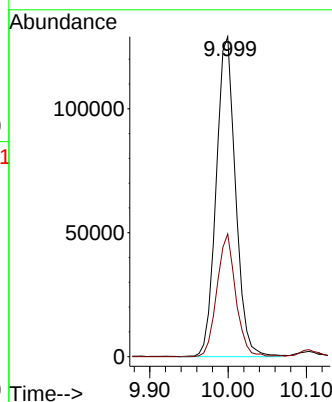
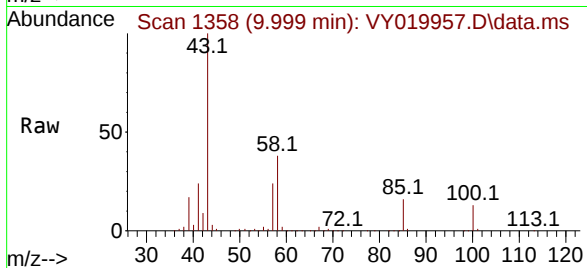
ClientSampleId :

Tgt Ion: 43 Resp: 221810

Ion Ratio Lower Upper

43 100

58 37.1 35.7 53.5



#52

Toluene

Concen: 20.040 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019957.D

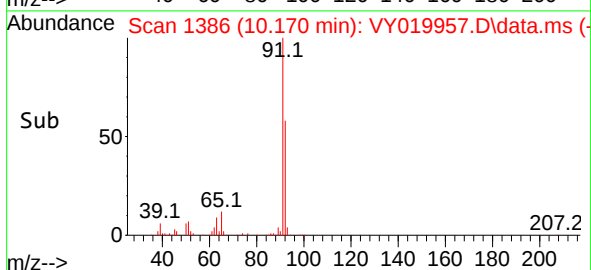
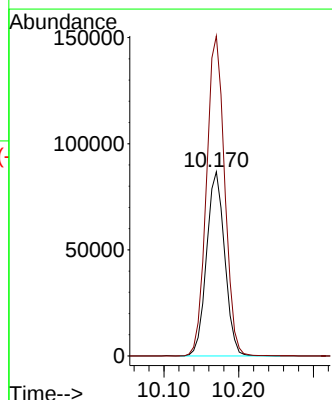
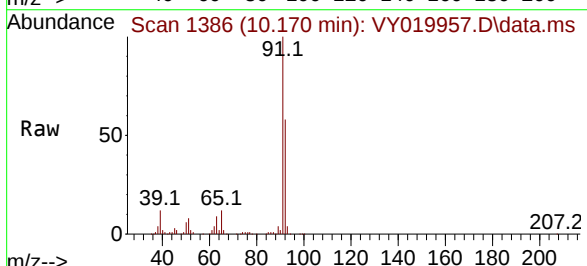
Acq: 21 Oct 2024 12:14

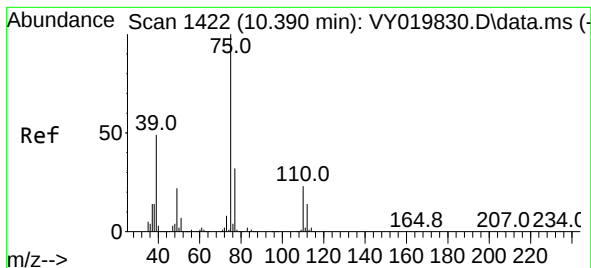
Tgt Ion: 92 Resp: 145826

Ion Ratio Lower Upper

92 100

91 174.9 139.0 208.6

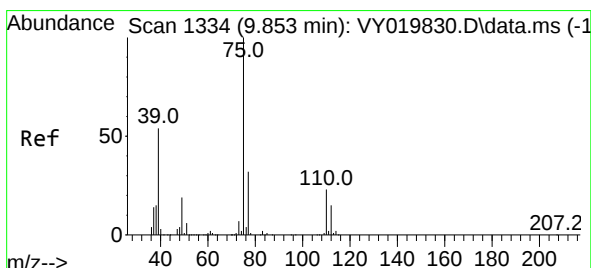
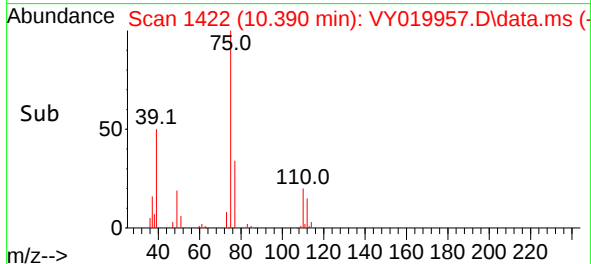
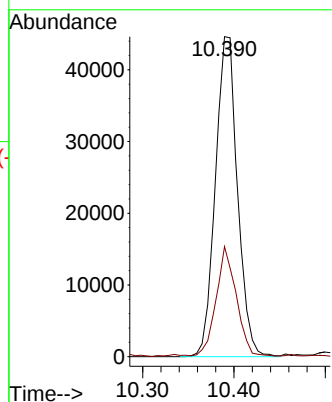
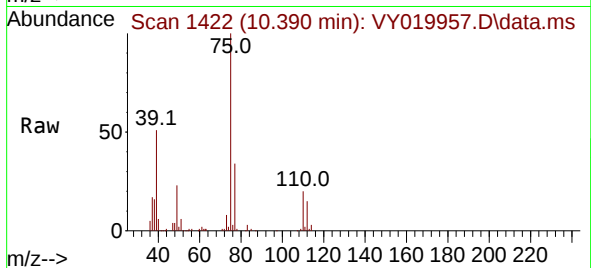




#53
 t-1,3-Dichloropropene
 Concen: 19.733 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

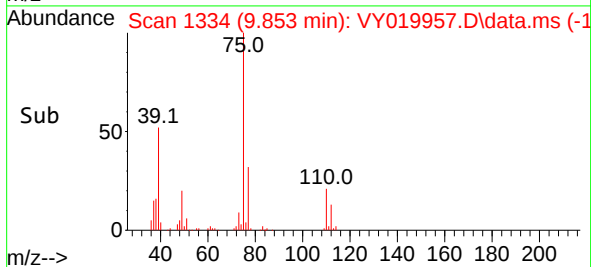
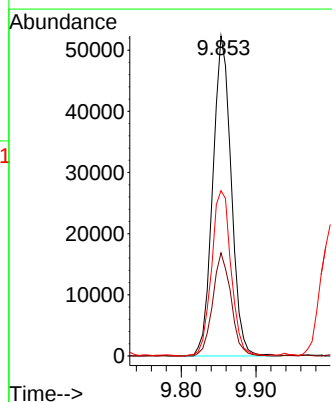
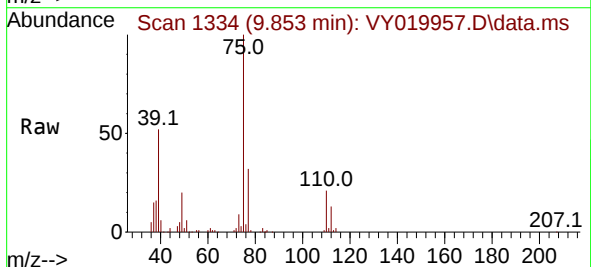
Instrument :
 MSVOA_Y
 ClientSampleId :

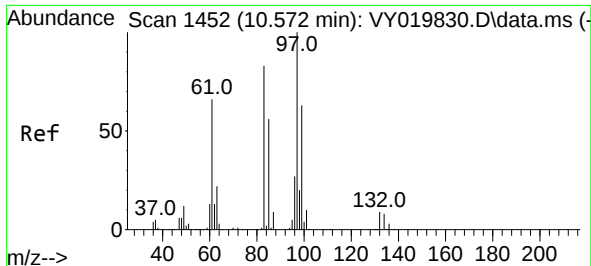
Tgt Ion: 75 Resp: 75130
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.999 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

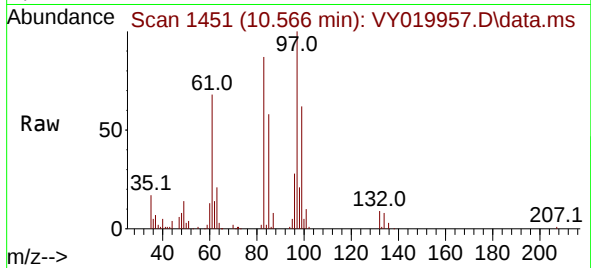
Tgt Ion: 75 Resp: 89845
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 51.6 29.8 44.6#



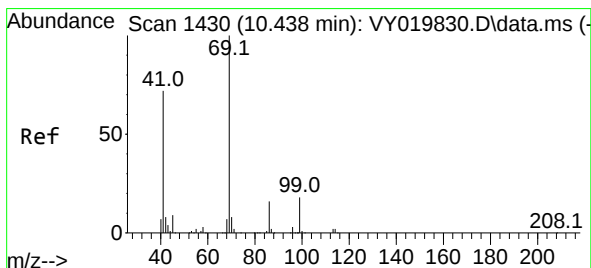
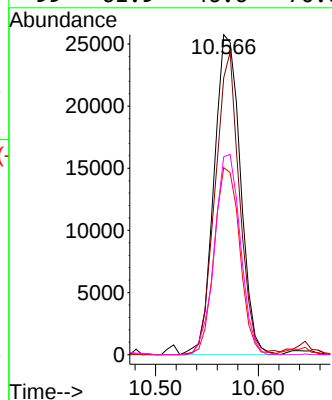
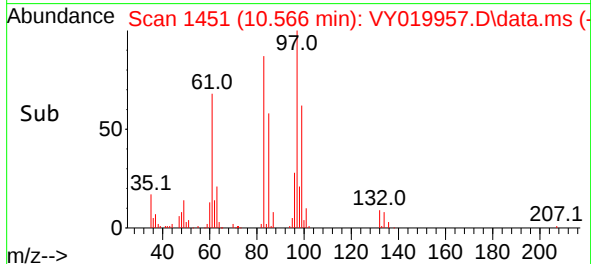


#55
1,1,2-Trichloroethane
Concen: 21.761 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :

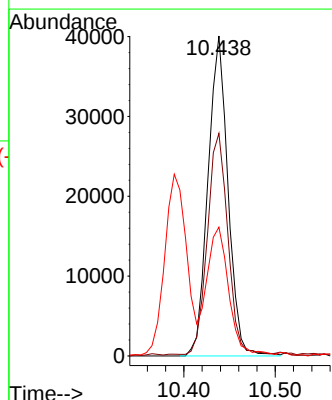
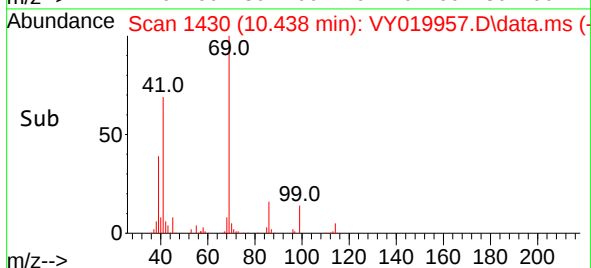
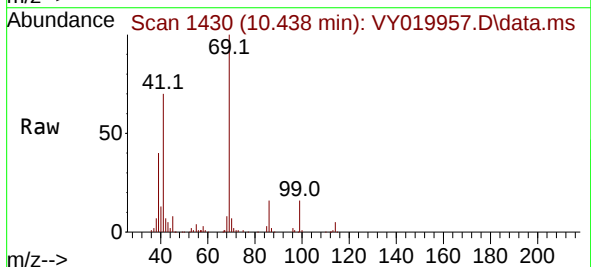


Tgt Ion: 97	Resp: 45705
Ion Ratio	Lower Upper
97 100	
83 86.5	67.5 101.3
85 58.4	42.9 64.3
99 61.9	46.6 70.0



#56
Ethyl methacrylate
Concen: 20.185 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 69	Resp: 60834
Ion Ratio	Lower Upper
69 100	
41 71.3	42.3 63.5#
39 43.5	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.899 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

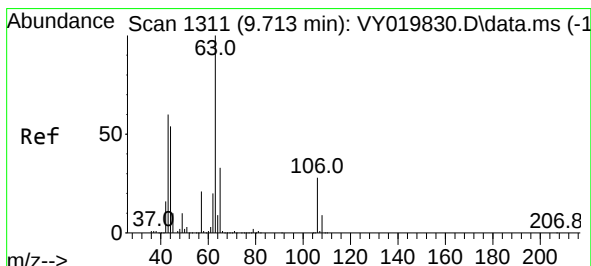
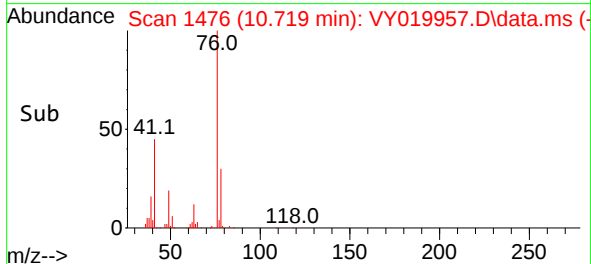
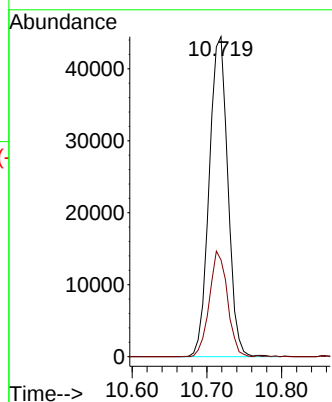
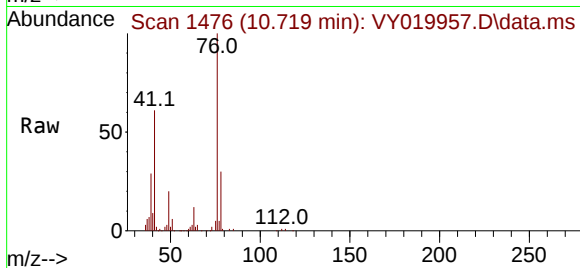
ClientSampleId :

Tgt Ion: 76 Resp: 77084

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.531 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019957.D

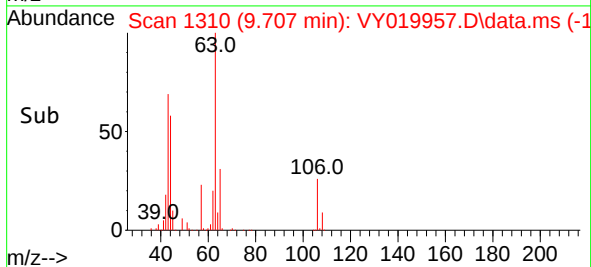
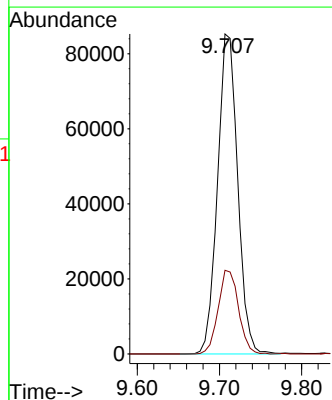
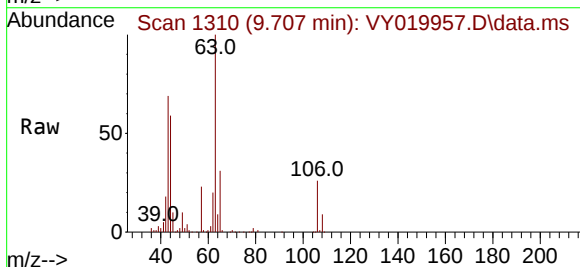
Acq: 21 Oct 2024 12:14

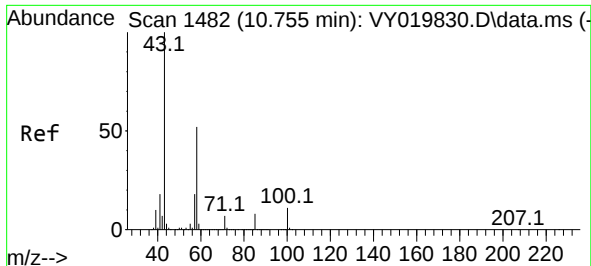
Tgt Ion: 63 Resp: 145253

Ion Ratio Lower Upper

63 100

106 26.4 23.7 35.5

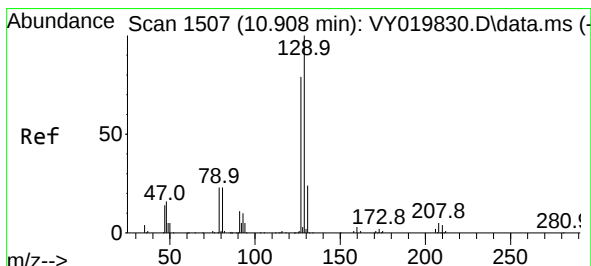
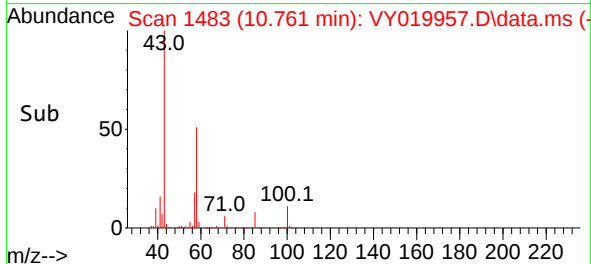
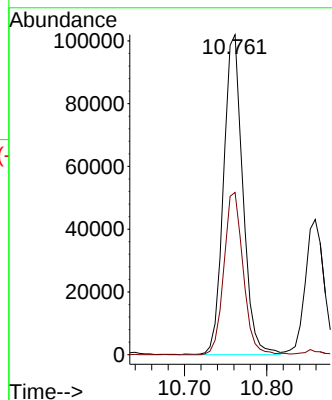
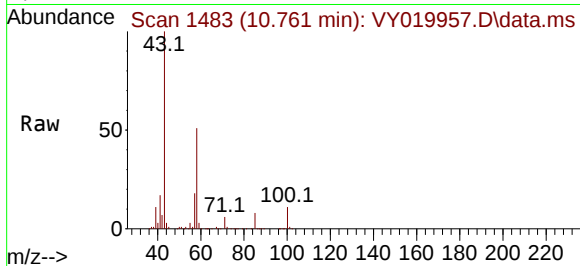




#59
2-Hexanone
Concen: 111.295 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

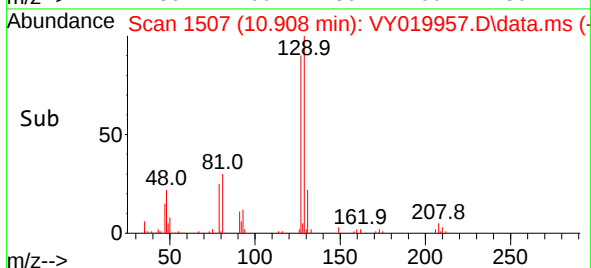
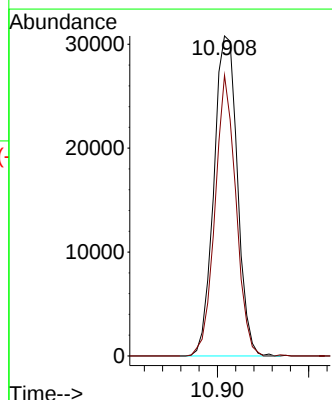
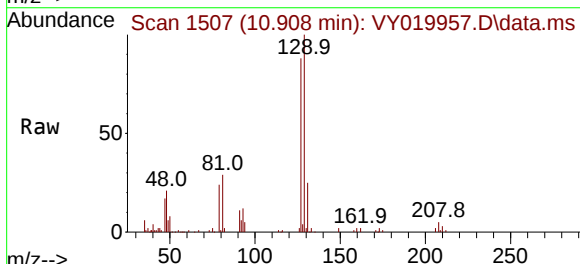
Instrument :
MSVOA_Y
ClientSampleId :

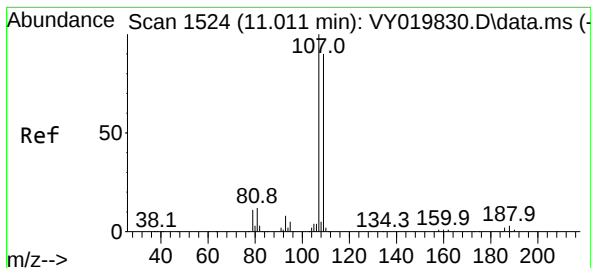
Tgt Ion: 43 Resp: 166082
Ion Ratio Lower Upper
43 100
58 50.7 31.4 94.0



#60
Dibromochloromethane
Concen: 20.428 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 129 Resp: 55069
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

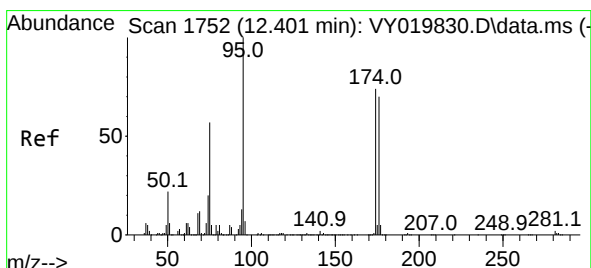
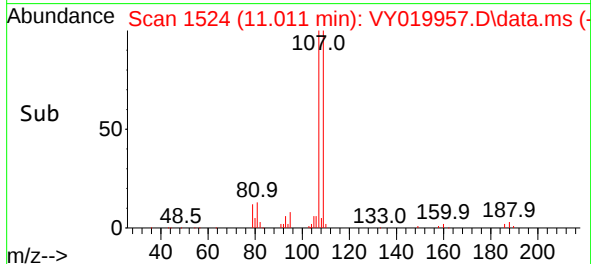
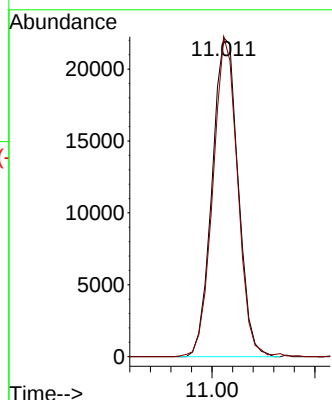
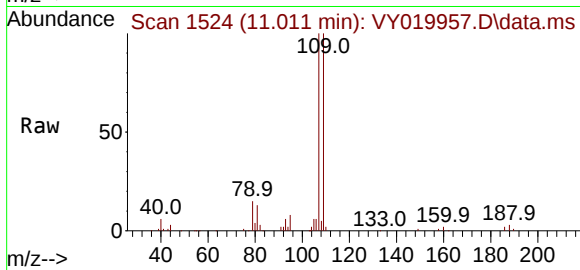




#61
1,2-Dibromoethane
Concen: 20.519 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

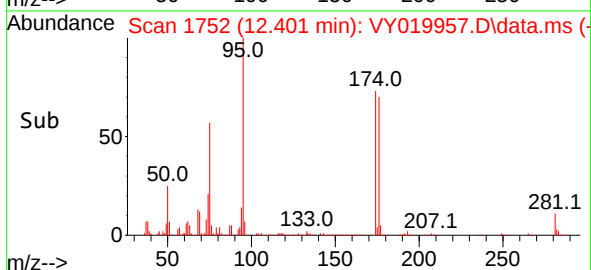
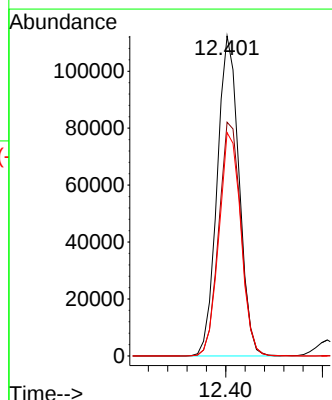
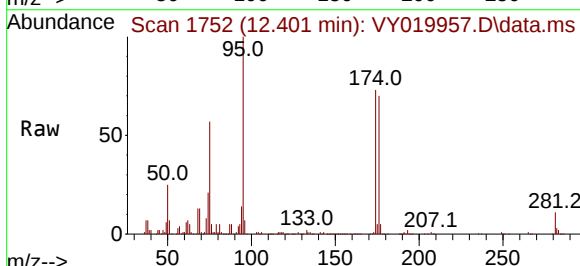
Instrument :
MSVOA_Y
ClientSampleId :

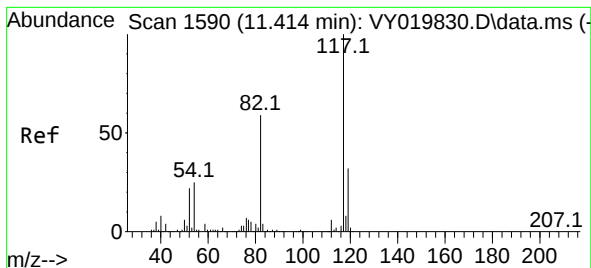
Tgt Ion:107 Resp: 38945
Ion Ratio Lower Upper
107 100
109 95.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 95 Resp: 176308
Ion Ratio Lower Upper
95 100
174 74.0 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

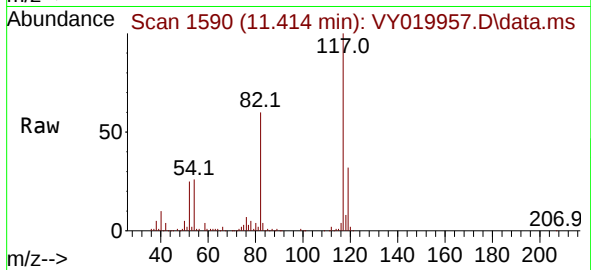
Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :



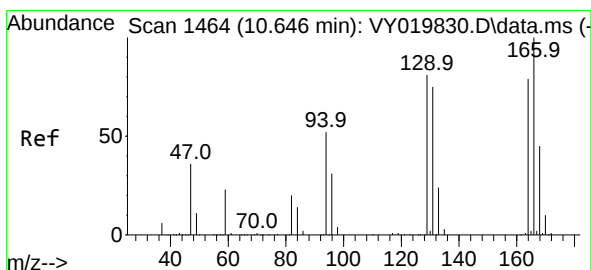
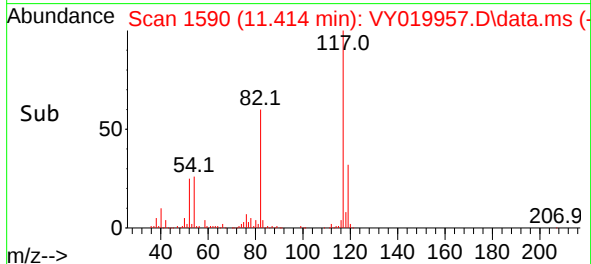
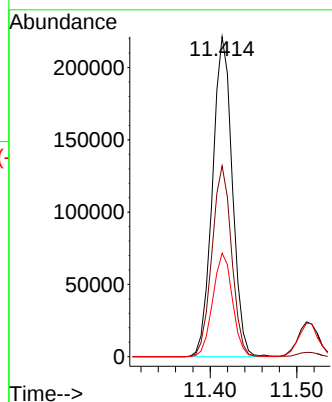
Tgt Ion:117 Resp: 351950

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 17.928 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Tgt Ion:164 Resp: 44880

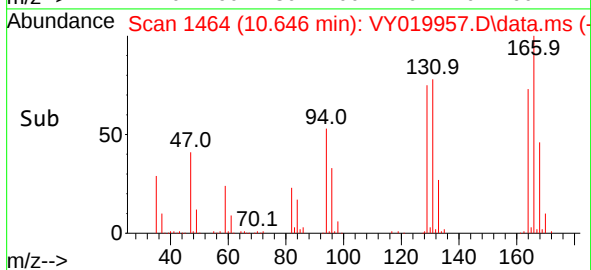
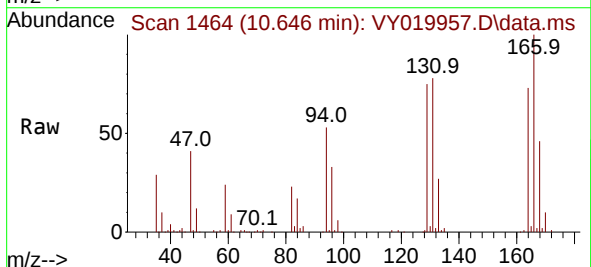
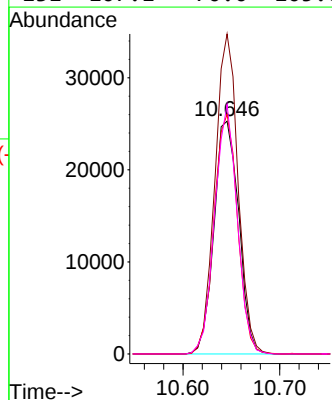
Ion Ratio Lower Upper

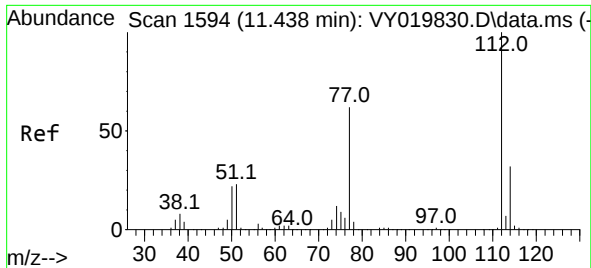
164 100

166 137.4 102.6 154.0

129 102.9 72.0 108.0

131 107.1 70.0 105.0#

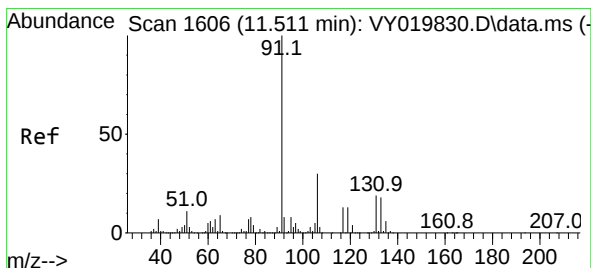
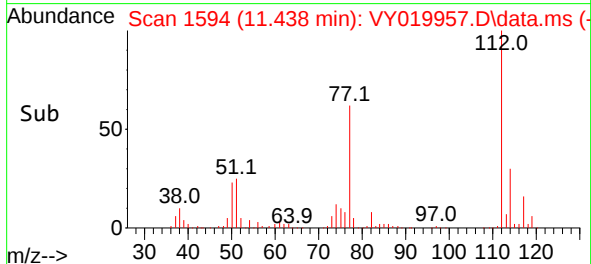
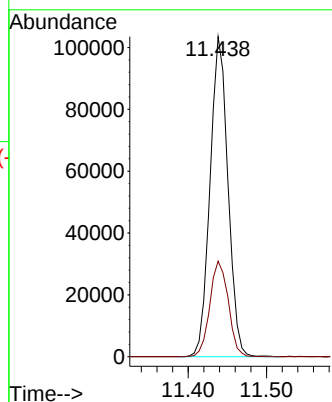
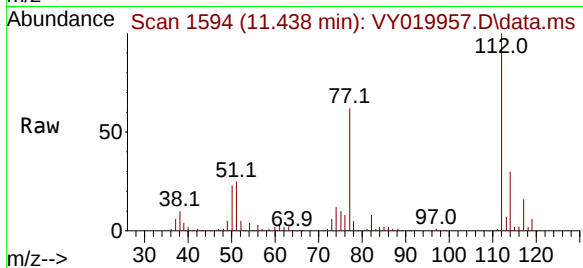




#65
Chlorobenzene
Concen: 20.385 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

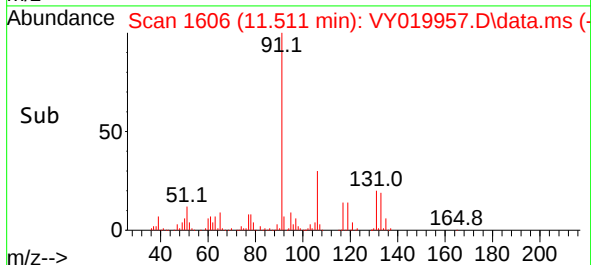
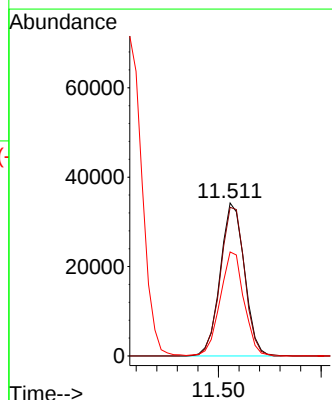
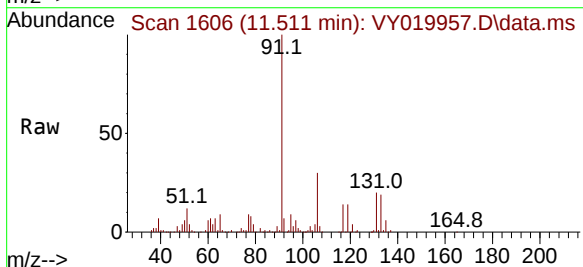
Instrument :
MSVOA_Y
ClientSampleId :

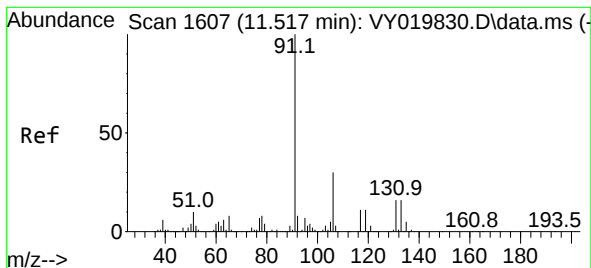
Tgt Ion:112 Resp: 164102
Ion Ratio Lower Upper
112 100
114 29.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.561 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion:131 Resp: 55999
Ion Ratio Lower Upper
131 100
133 97.7 47.8 143.3
119 67.0 34.1 102.2

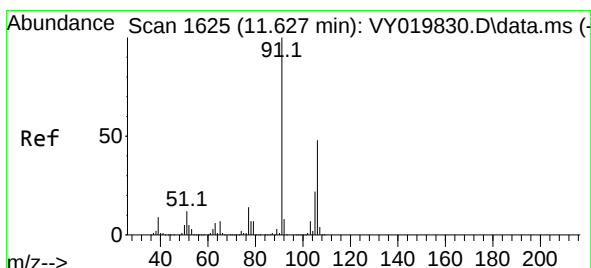
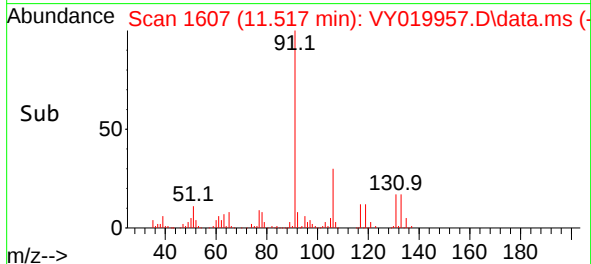
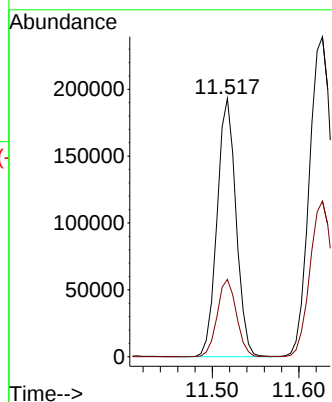
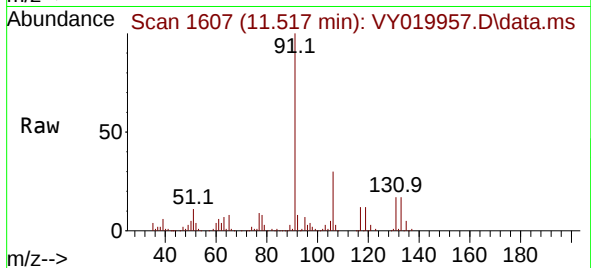




#67
Ethyl Benzene
Concen: 20.077 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

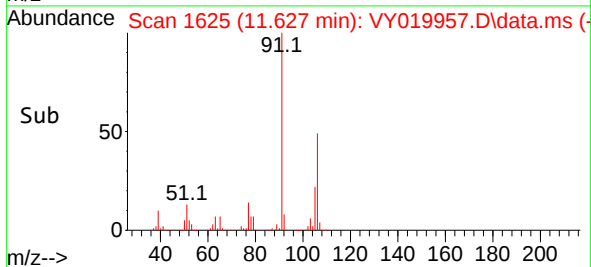
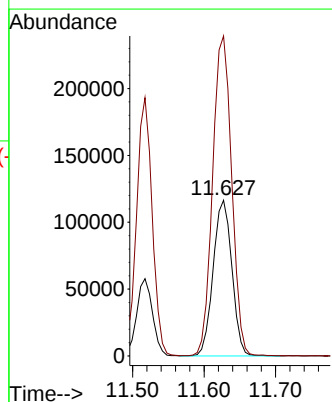
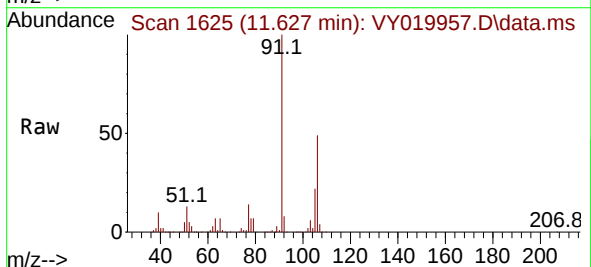
Instrument :
MSVOA_Y
ClientSampleId :

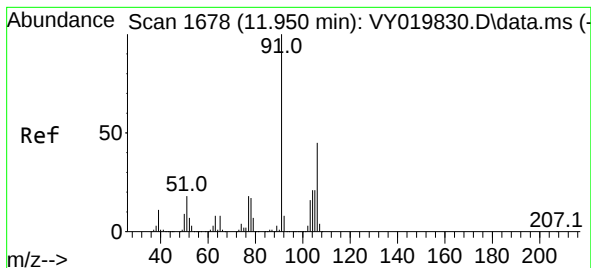
Tgt Ion: 91 Resp: 293584
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 39.228 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion:106 Resp: 211855
Ion Ratio Lower Upper
106 100
91 209.0 156.0 234.0





#69

o-Xylene

Concen: 19.768 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

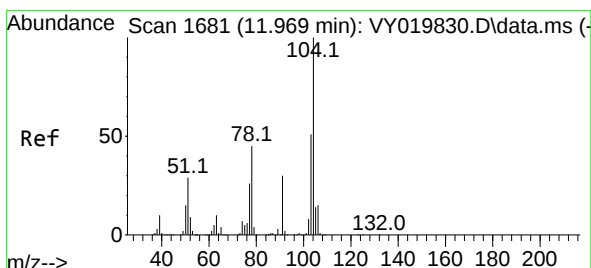
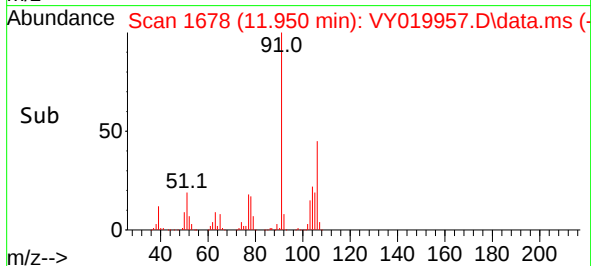
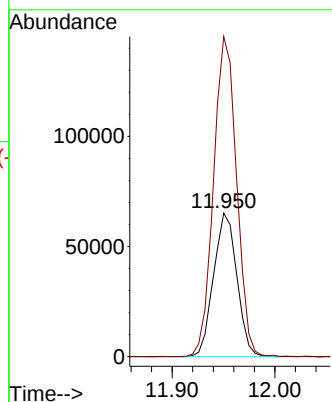
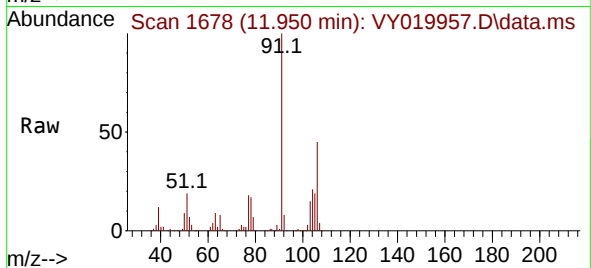
ClientSampleId :

Tgt Ion:106 Resp: 102577

Ion Ratio Lower Upper

106 100

91 220.9 103.6 310.8



#70

Styrene

Concen: 20.240 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

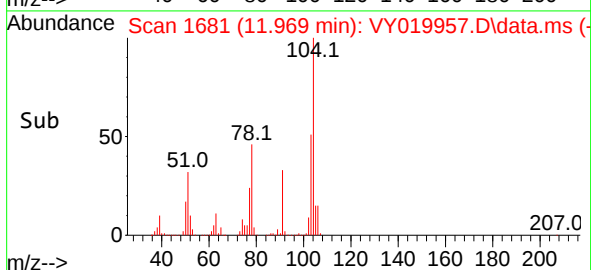
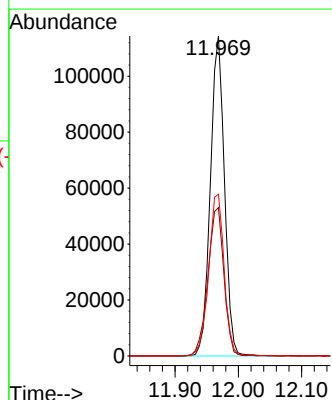
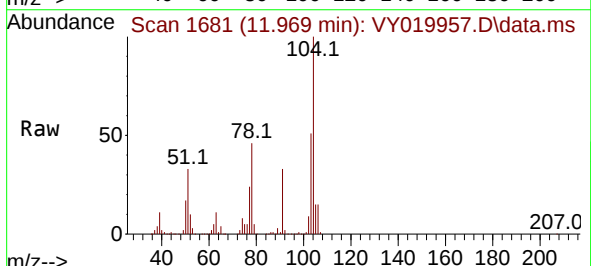
Tgt Ion:104 Resp: 177190

Ion Ratio Lower Upper

104 100

78 52.7 37.0 55.4

103 55.5 44.2 66.2





#71

Bromoform

Concen: 19.765 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

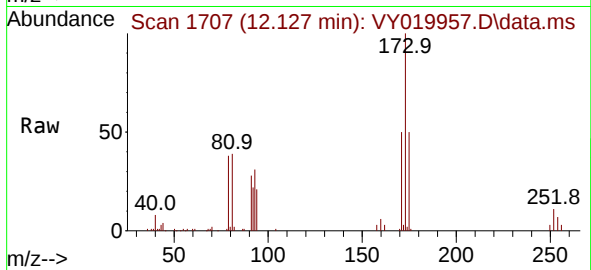
Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :



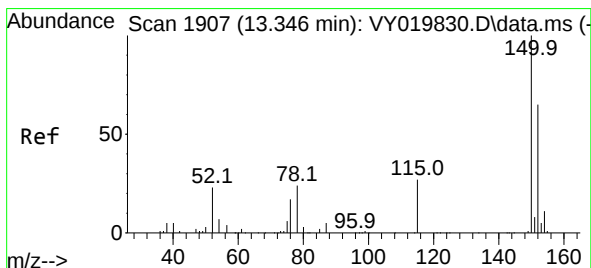
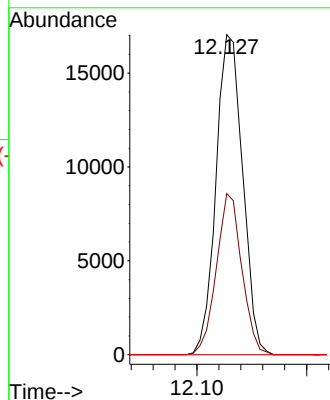
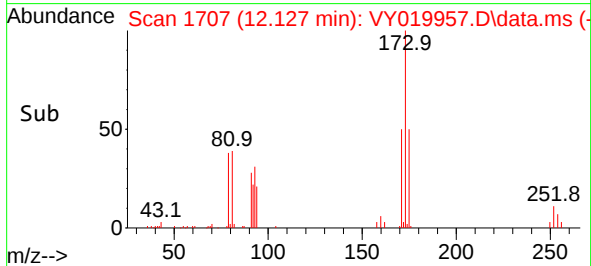
Tgt Ion:173 Resp: 28817

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

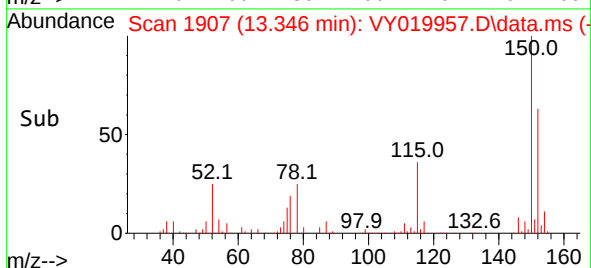
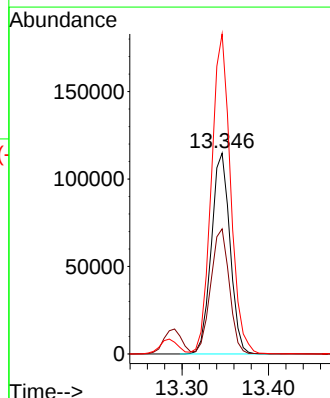
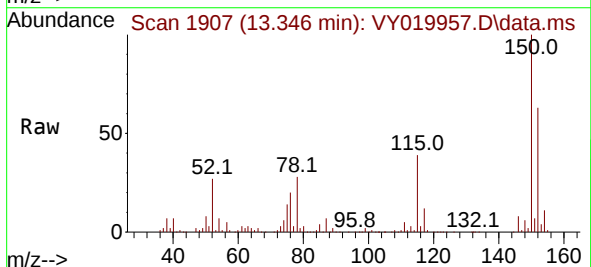
Tgt Ion:152 Resp: 171604

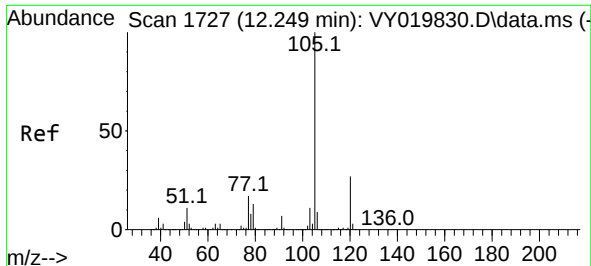
Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 163.8 0.0 345.6

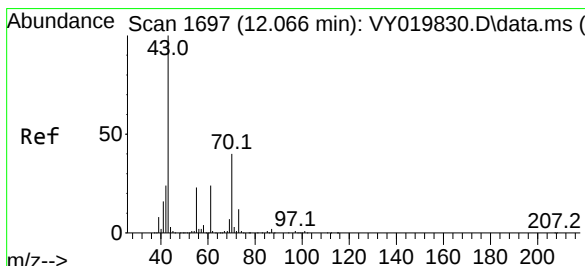
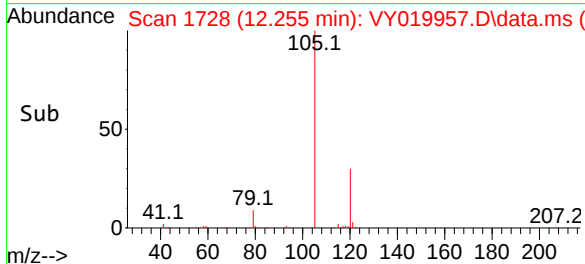
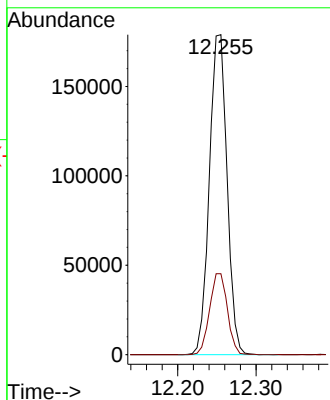
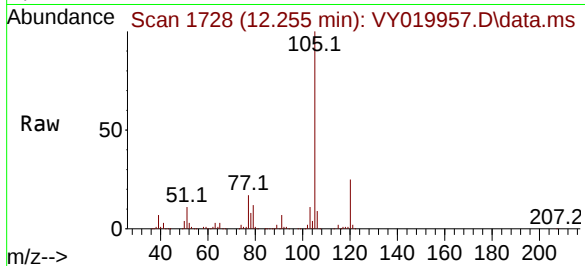




#73
Isopropylbenzene
Concen: 19.422 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

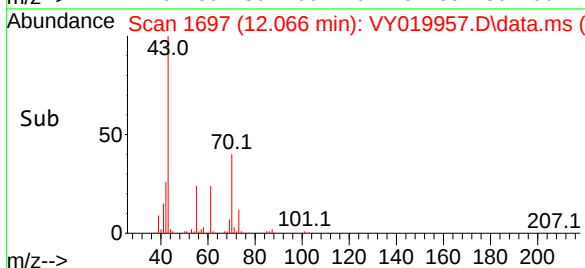
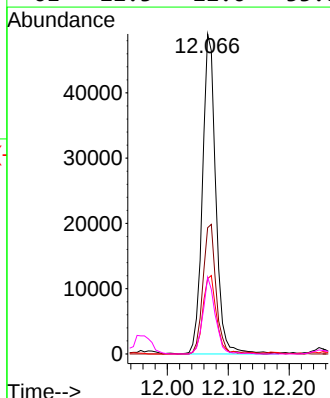
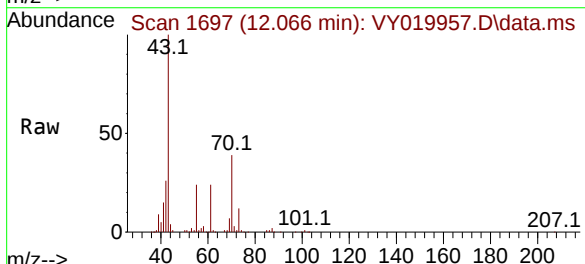
Instrument :
MSVOA_Y
ClientSampleId :

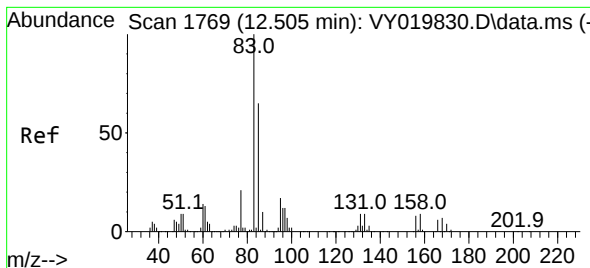
Tgt Ion:105 Resp: 280336
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



#74
N-ethyl acetate
Concen: 19.630 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 43 Resp: 75044
Ion Ratio Lower Upper
43 100
70 40.0 41.4 62.2#
55 24.9 23.3 34.9
61 22.3 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.078 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

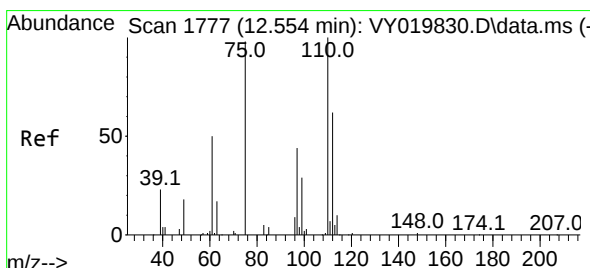
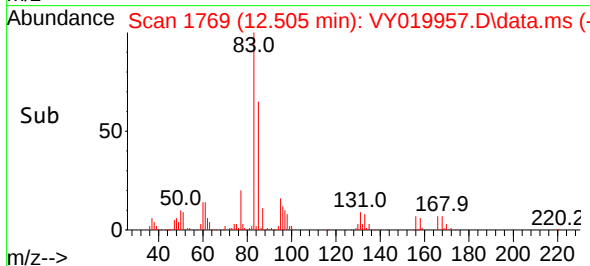
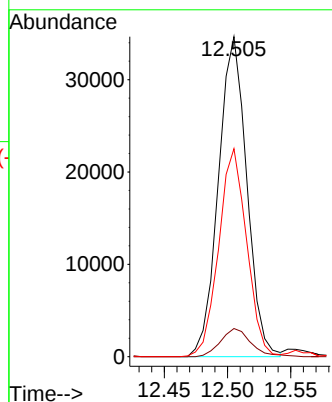
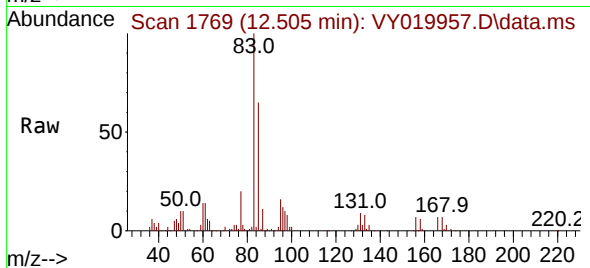
Tgt Ion: 83 Resp: 54060

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 20.096 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019957.D

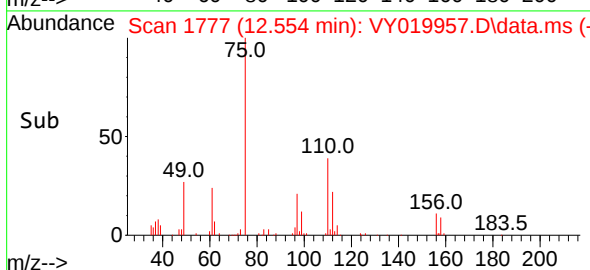
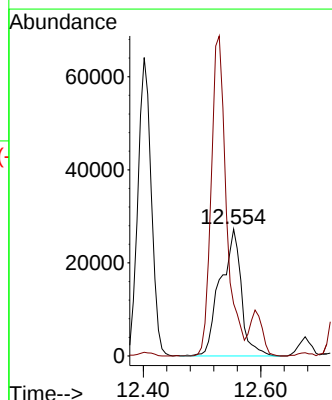
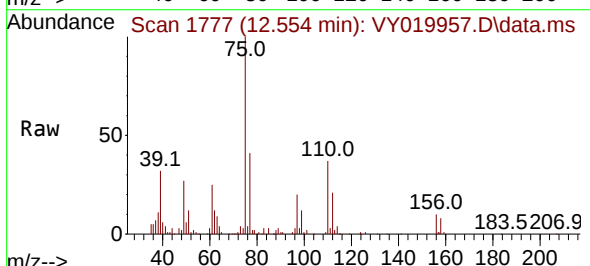
Acq: 21 Oct 2024 12:14

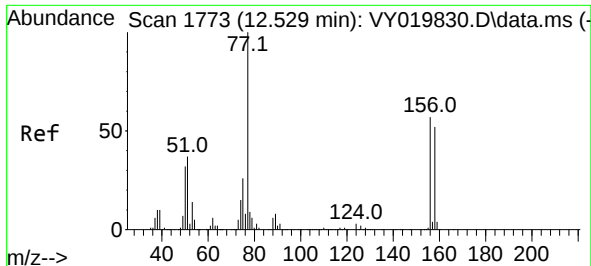
Tgt Ion: 75 Resp: 67557

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

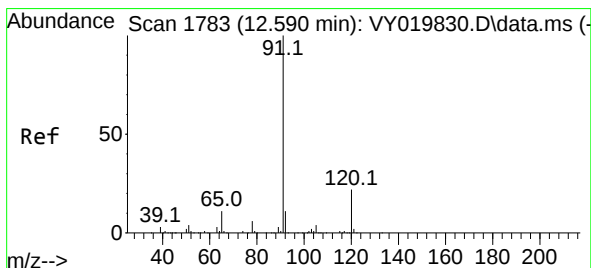
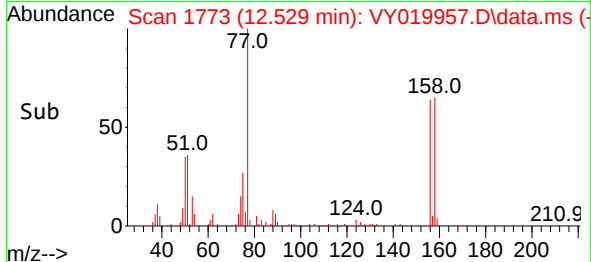
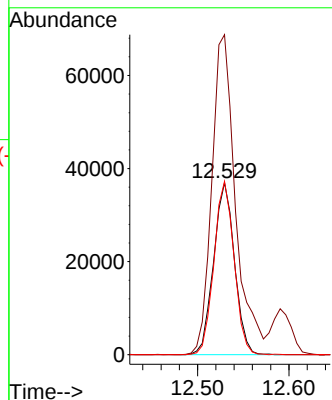
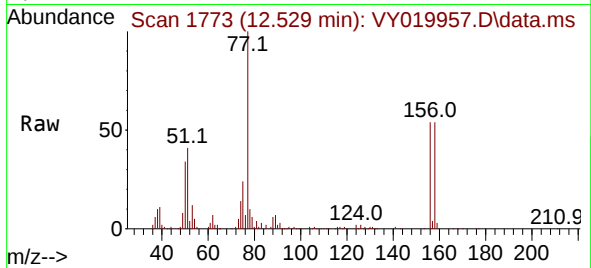




#77
Bromobenzene
Concen: 19.222 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

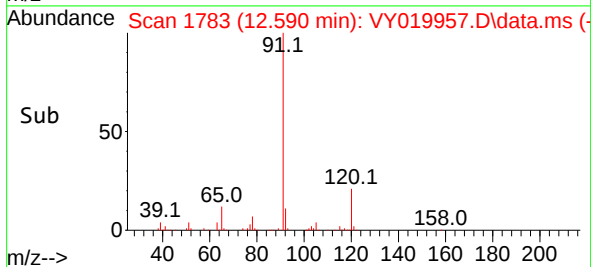
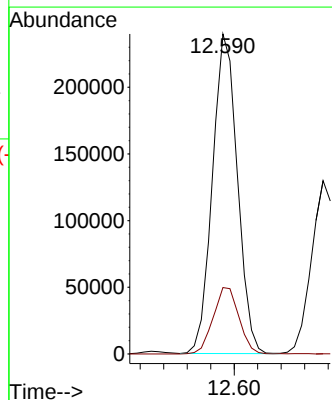
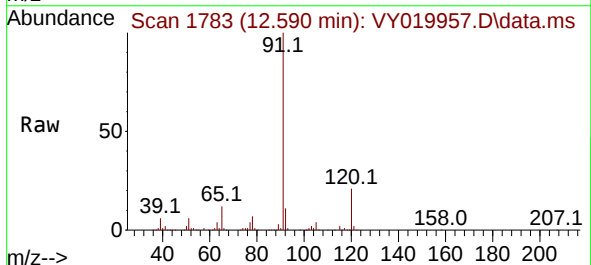
Instrument :
MSVOA_Y
ClientSampleId :

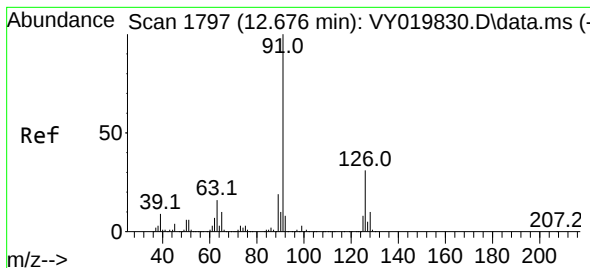
Tgt Ion:156 Resp: 58878
Ion Ratio Lower Upper
156 100
77 210.3 87.1 261.3
158 96.6 48.6 145.9



#78
n-propylbenzene
Concen: 20.285 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 91 Resp: 353790
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.831 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

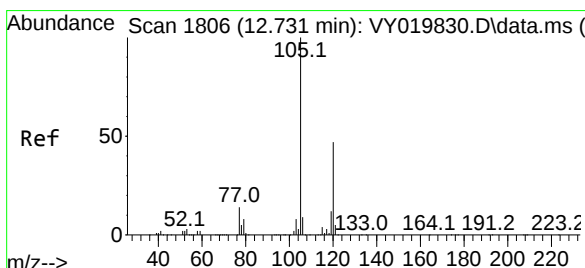
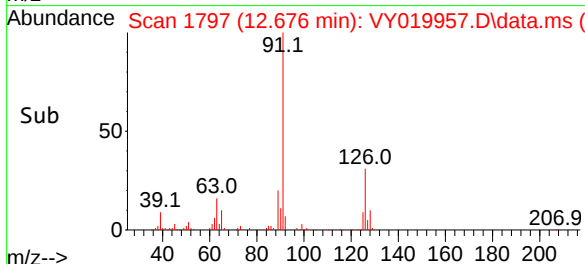
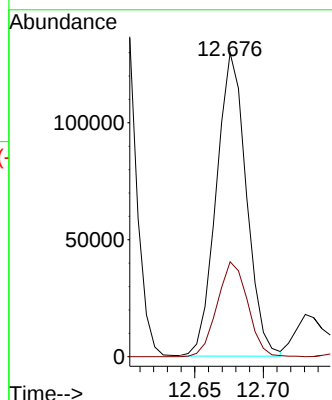
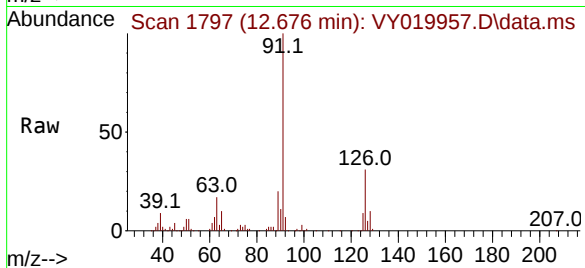
ClientSampleId :

Tgt Ion: 91 Resp: 198285

Ion Ratio Lower Upper

91 100

126 31.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.620 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019957.D

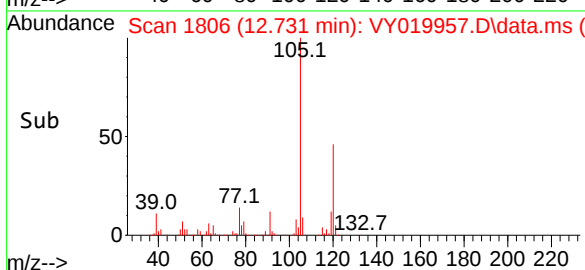
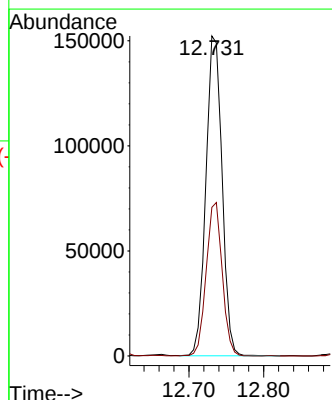
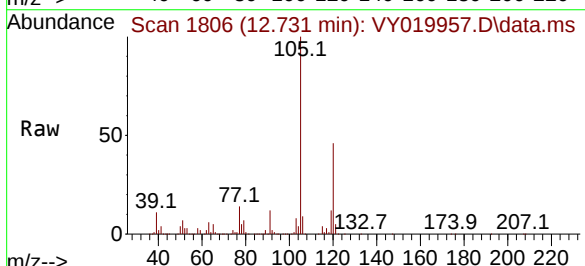
Acq: 21 Oct 2024 12:14

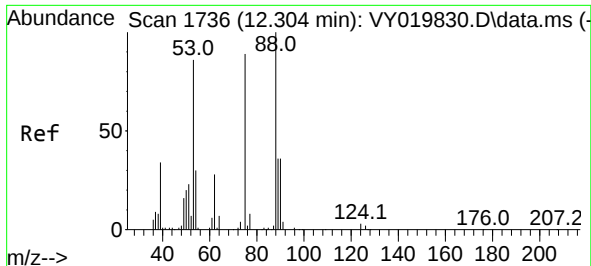
Tgt Ion: 105 Resp: 228712

Ion Ratio Lower Upper

105 100

120 47.5 25.1 75.2

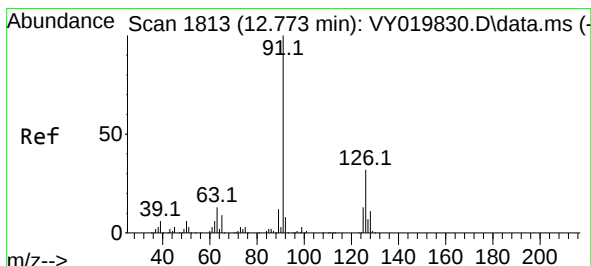
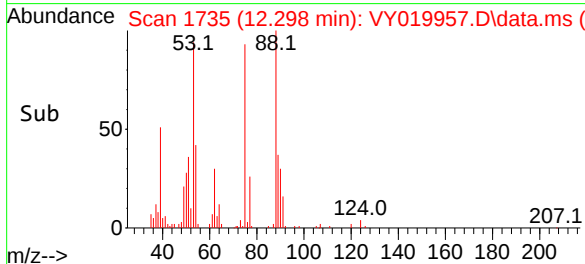
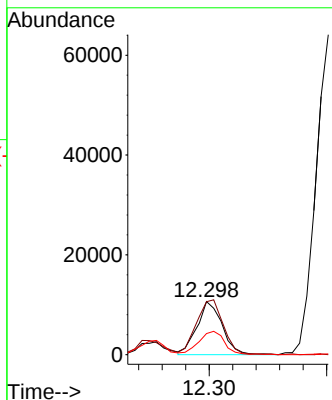
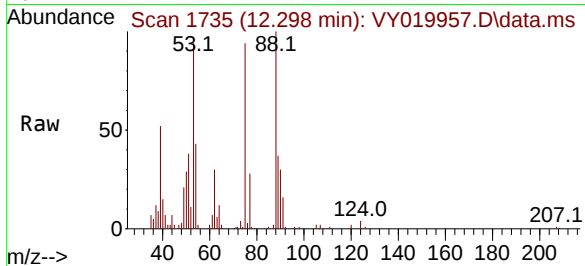




#81
trans-1,4-Dichloro-2-butene
Concen: 19.002 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

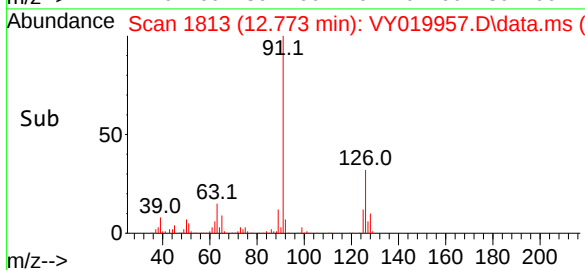
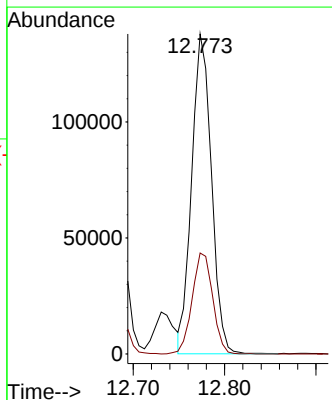
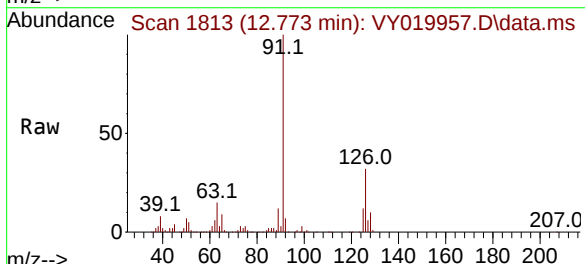
Instrument :
MSVOA_Y
ClientSampleId :

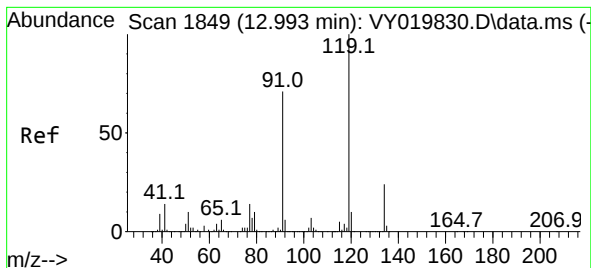
Tgt Ion: 75 Resp: 15826
Ion Ratio Lower Upper
75 100
53 110.4 66.8 100.2#
89 45.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.237 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019957.D
Acq: 21 Oct 2024 12:14

Tgt Ion: 91 Resp: 206899
Ion Ratio Lower Upper
91 100
126 32.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.647 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

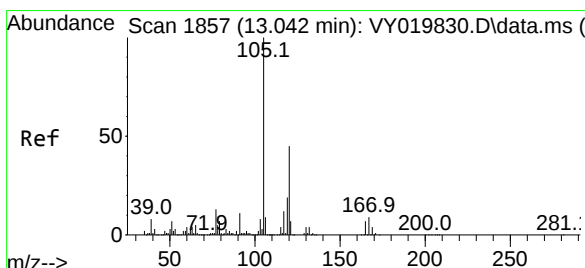
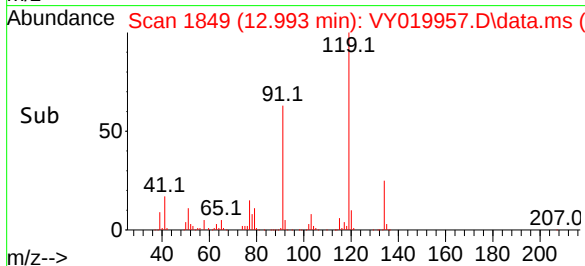
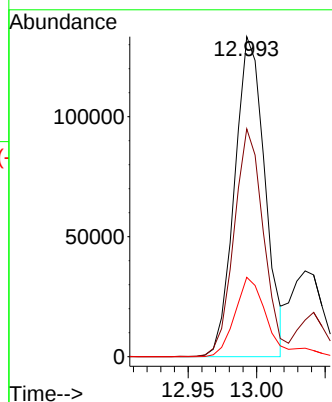
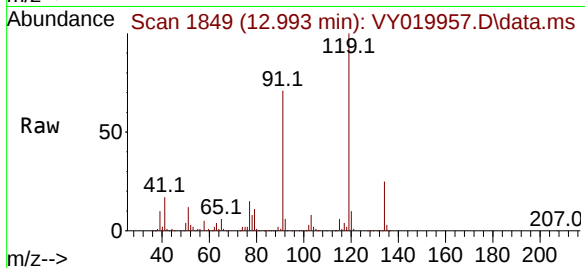
Tgt Ion:119 Resp: 205171

Ion Ratio Lower Upper

119 100

91 69.8 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.831 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019957.D

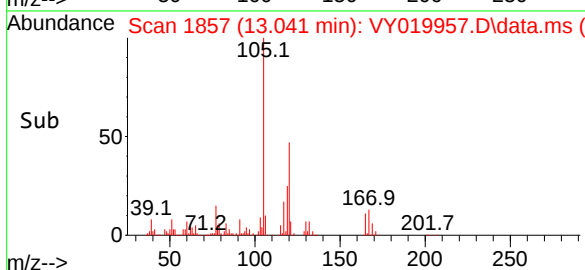
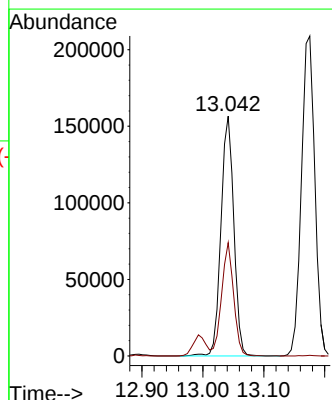
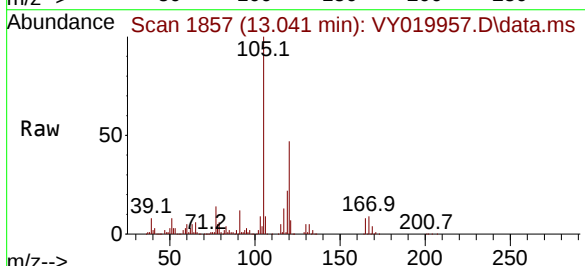
Acq: 21 Oct 2024 12:14

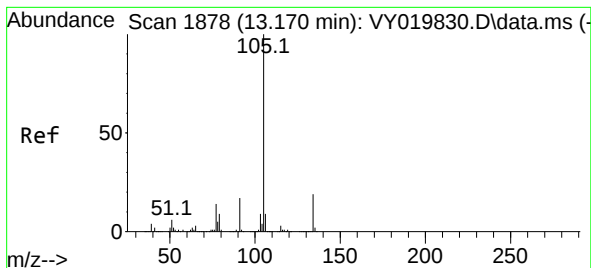
Tgt Ion:105 Resp: 229185

Ion Ratio Lower Upper

105 100

120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.432 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

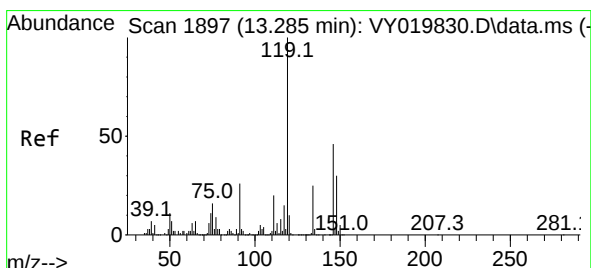
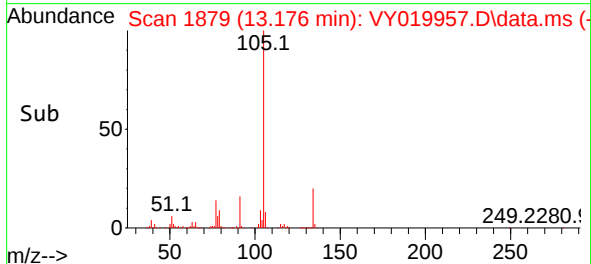
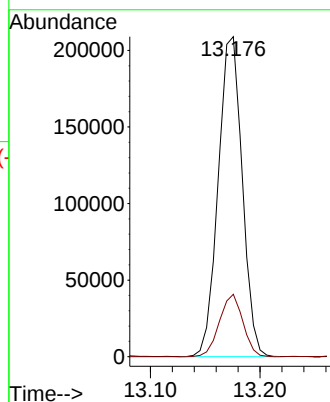
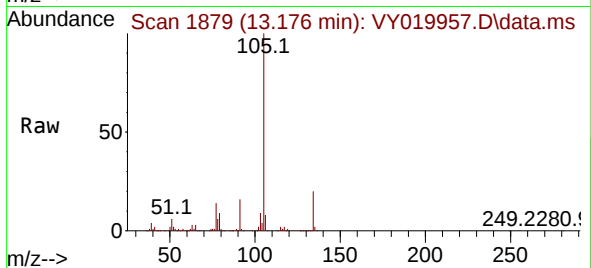
ClientSampleId :

Tgt Ion:105 Resp: 318782

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.994 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

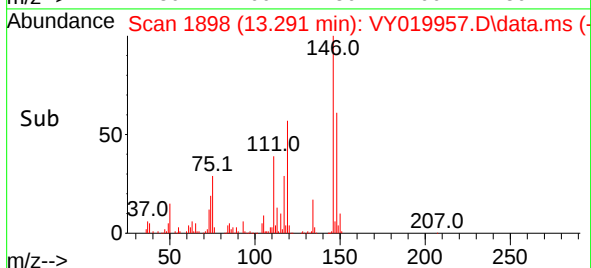
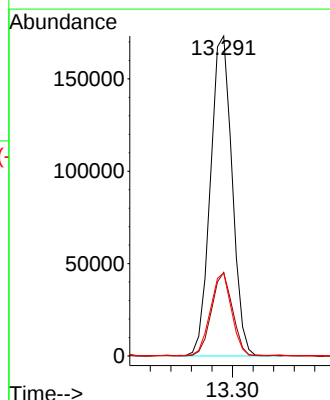
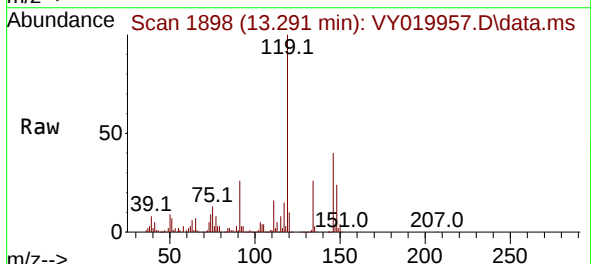
Tgt Ion:119 Resp: 253313

Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 25.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.549 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

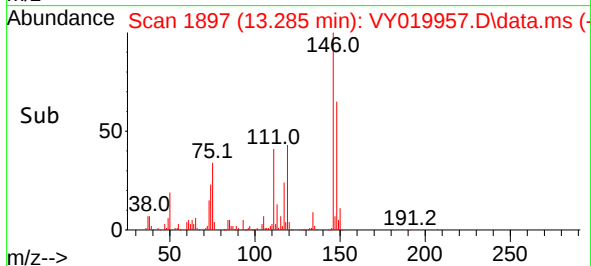
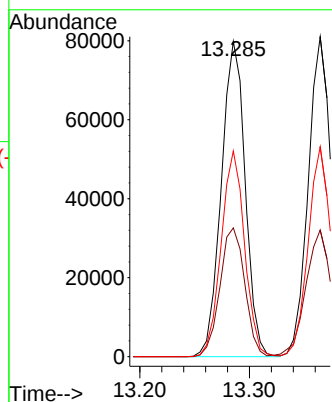
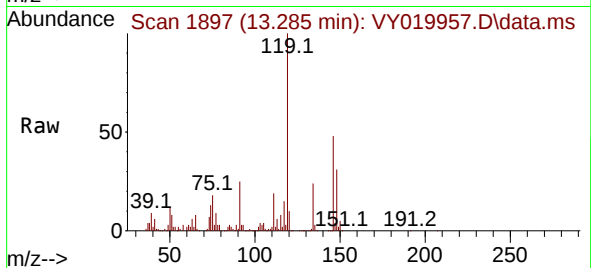
Tgt Ion:146 Resp: 120920

Ion Ratio Lower Upper

146 100

111 42.3 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.737 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

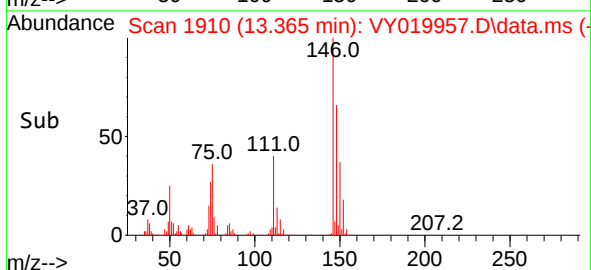
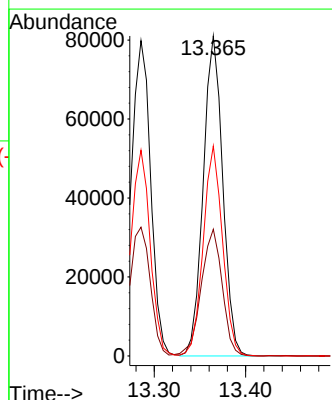
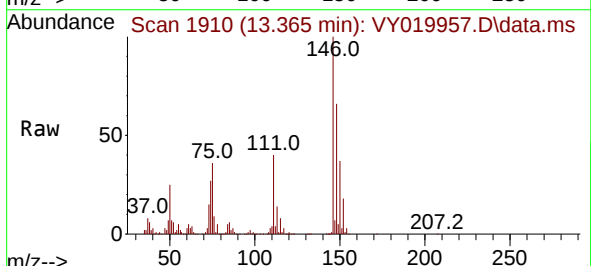
Tgt Ion:146 Resp: 119938

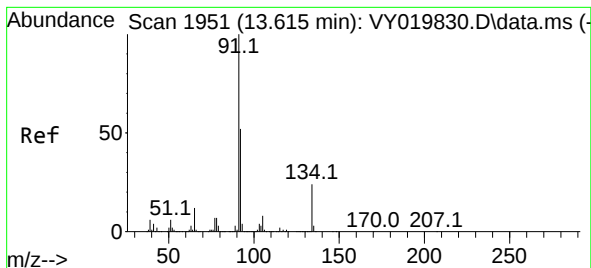
Ion Ratio Lower Upper

146 100

111 42.6 18.4 55.4

148 65.2 32.4 97.2





#89

n-Butylbenzene

Concen: 20.289 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

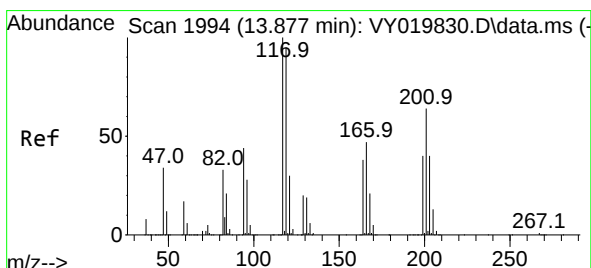
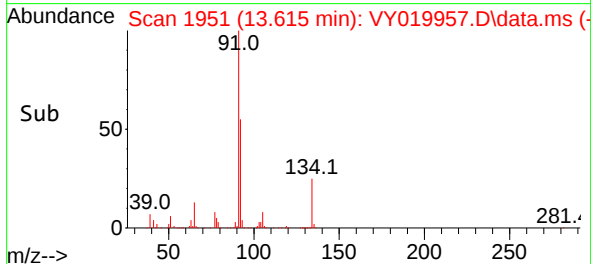
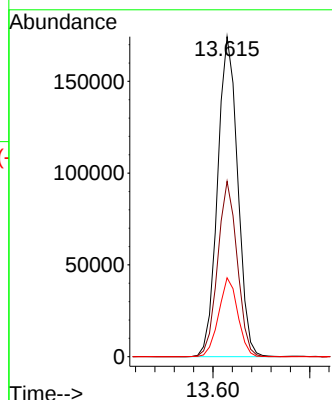
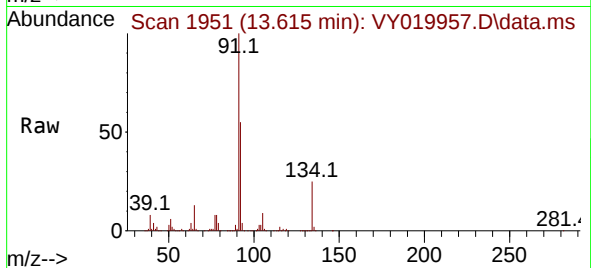
Tgt Ion: 91 Resp: 251003

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 23.5 12.9 38.7



#90

Hexachloroethane

Concen: 20.141 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019957.D

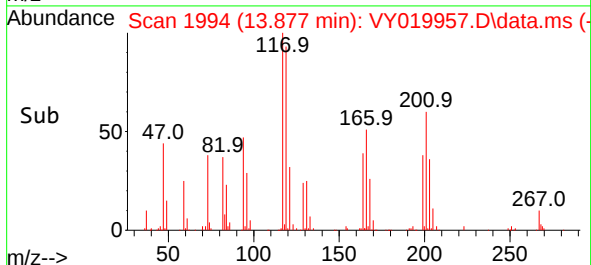
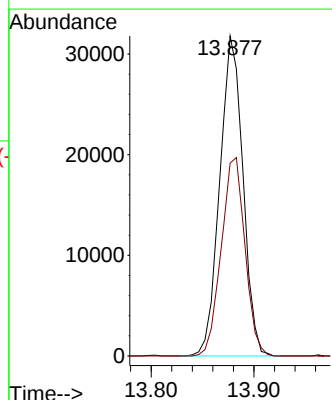
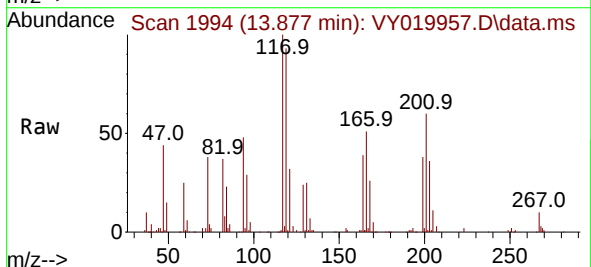
Acq: 21 Oct 2024 12:14

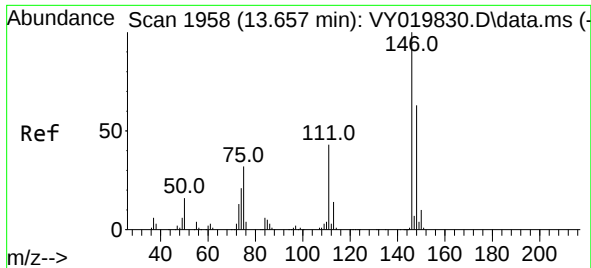
Tgt Ion: 117 Resp: 49687

Ion Ratio Lower Upper

117 100

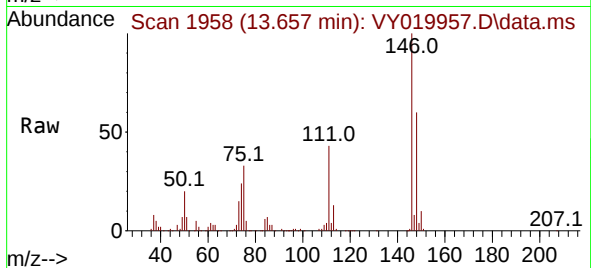
201 63.6 37.4 112.2





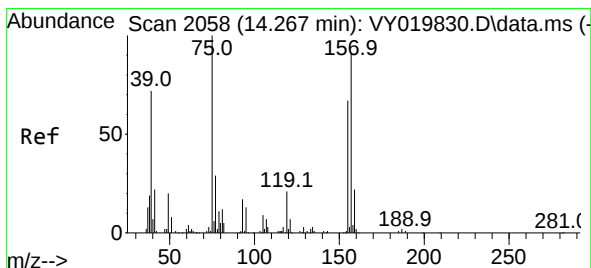
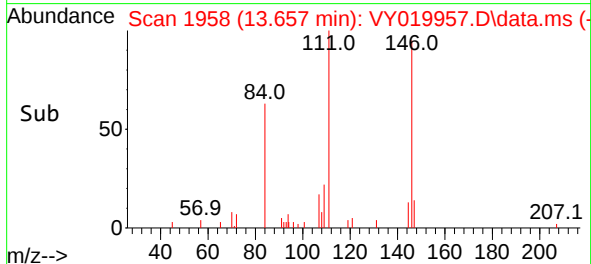
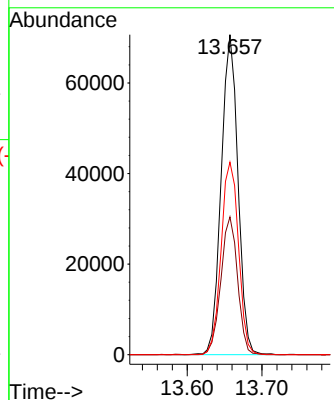
#91
 1,2-Dichlorobenzene
 Concen: 20.324 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:146 Resp: 110461

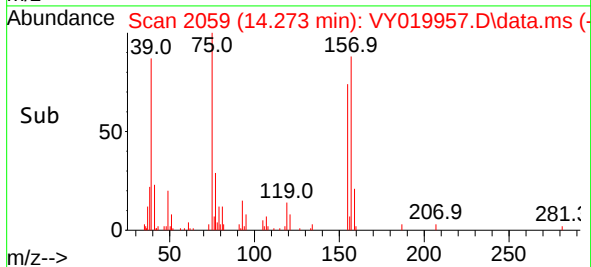
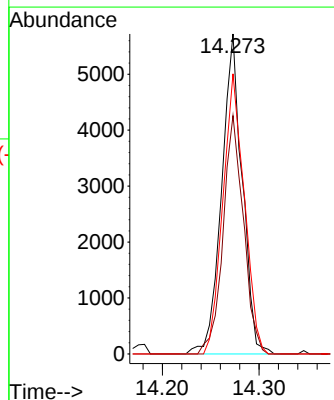
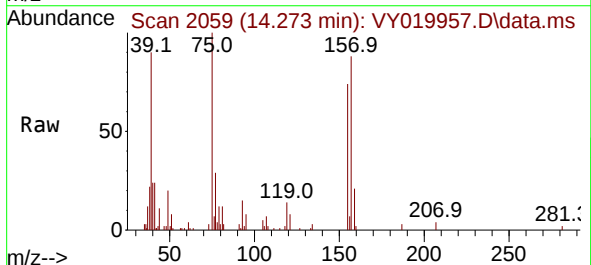
Ion	Ratio	Lower	Upper
146	100		
111	43.1	19.9	59.7
148	62.3	31.8	95.4

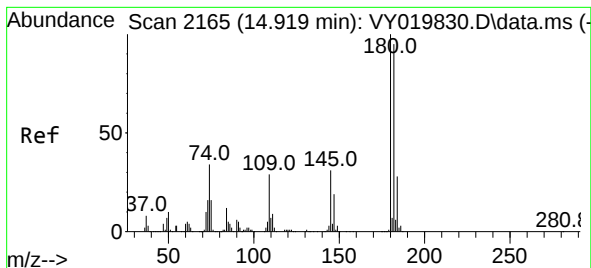


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.666 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY019957.D
 Acq: 21 Oct 2024 12:14

Tgt Ion: 75 Resp: 8459

Ion	Ratio	Lower	Upper
75	100		
155	73.7	48.6	145.8
157	91.0	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.549 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

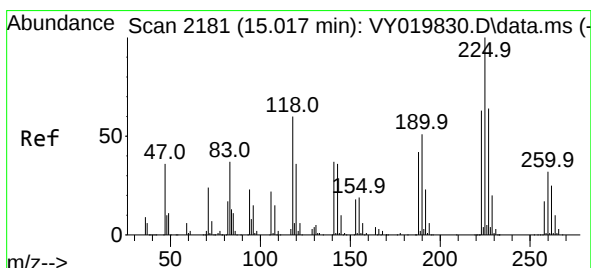
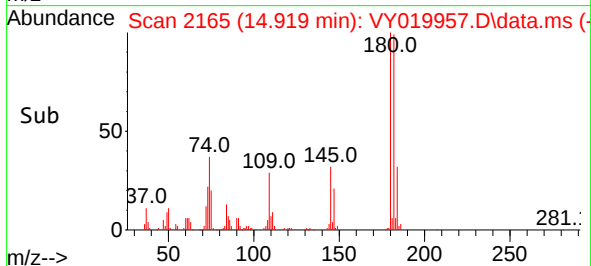
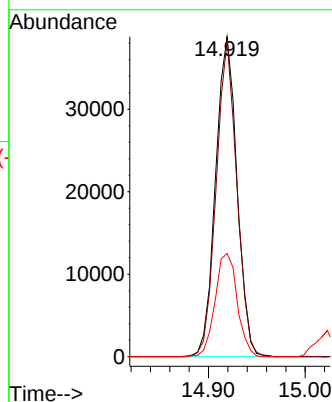
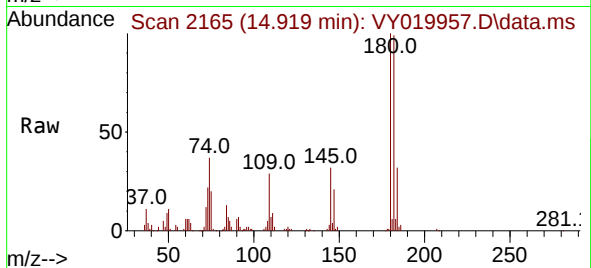
Tgt Ion:180 Resp: 59577

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 33.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.827 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

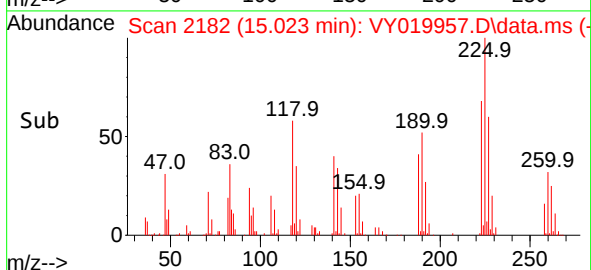
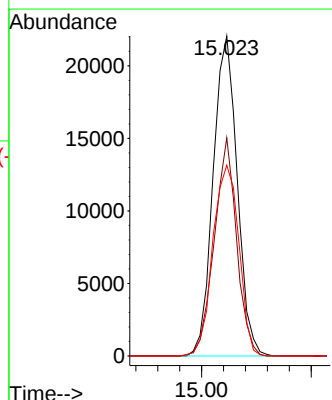
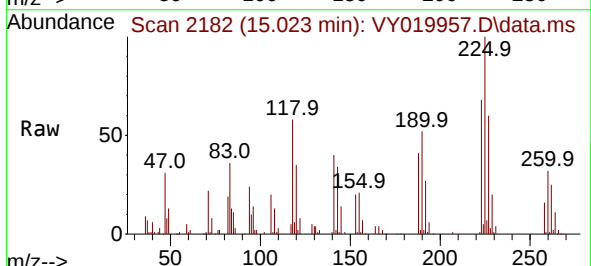
Tgt Ion:225 Resp: 33594

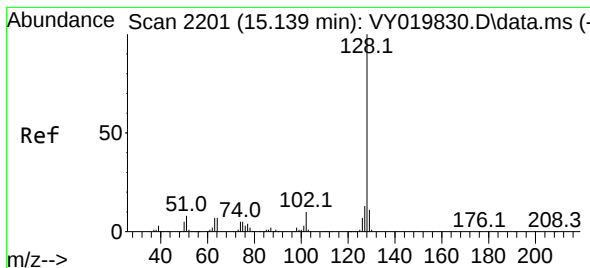
Ion Ratio Lower Upper

225 100

223 63.4 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 19.108 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

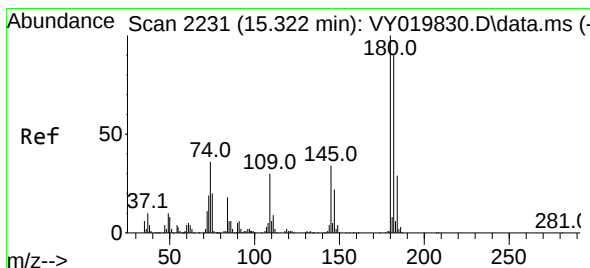
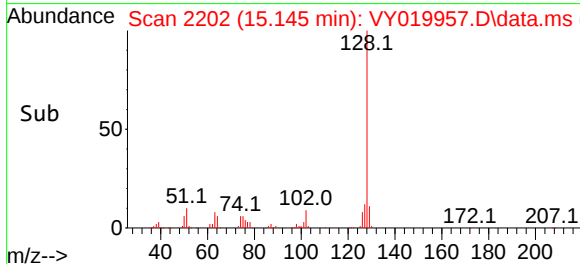
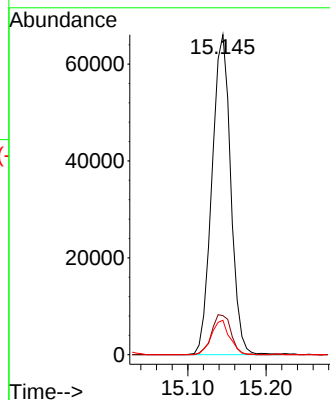
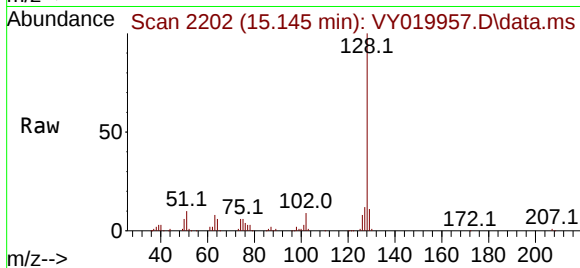
Tgt Ion:128 Resp: 109830

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.718 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019957.D

Acq: 21 Oct 2024 12:14

Tgt Ion:180 Resp: 50797

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 34.5 15.4 46.1

