

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020242.D
 Acq On : 11 Nov 2024 12:38
 Operator : SY/MD
 Sample : VY1111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 11 23:13:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	241513	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	439980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	382582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161135	53.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.920%	
35) Dibromofluoromethane	7.634	113	145848	52.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.109	98	559481	50.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.408	95	187901	51.953	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	42653	19.079	ug/l	96
3) Chloromethane	2.068	50	71145	19.212	ug/l	96
4) Vinyl Chloride	2.208	62	78114	19.649	ug/l	93
5) Bromomethane	2.592	94	56190	21.289	ug/l	99
6) Chloroethane	2.739	64	53943	21.025	ug/l	97
7) Trichlorofluoromethane	3.062	101	101581	20.917	ug/l	97
8) Diethyl Ether	3.458	74	29434	21.730	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.818	101	57530	21.120	ug/l	91
10) Methyl Iodide	4.007	142	55605	21.144	ug/l	91
11) Tert butyl alcohol	4.854	59	22284	102.779	ug/l #	96
12) 1,1-Dichloroethene	3.793	96	54257	20.818	ug/l #	81
13) Acrolein	3.647	56	20735	76.824	ug/l	93
14) Allyl chloride	4.385	41	95861	20.387	ug/l #	90
15) Acrylonitrile	5.055	53	67324	109.191	ug/l	98
16) Acetone	3.872	43	76172	108.666	ug/l #	84
17) Carbon Disulfide	4.110	76	154334	17.794	ug/l	97
18) Methyl Acetate	4.391	43	35296	21.461	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	146441	22.334	ug/l	99
20) Methylene Chloride	4.622	84	59441	18.877	ug/l	88
21) trans-1,2-Dichloroethene	5.122	96	59568	20.266	ug/l	90
22) Diisopropyl ether	6.018	45	207302	21.245	ug/l #	88
23) Vinyl Acetate	5.964	43	577443	105.154	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	117152	20.734	ug/l	95
25) 2-Butanone	6.896	43	101508	106.828	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	98392	20.930	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	70302	20.807	ug/l	82
28) Bromochloromethane	7.244	49	53185	20.103	ug/l #	72
29) Tetrahydrofuran	7.268	42	59023	107.634	ug/l #	82
30) Chloroform	7.421	83	120717	21.531	ug/l	97
31) Cyclohexane	7.707	56	101984	18.644	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	105475	21.547	ug/l	94
36) 1,1-Dichloropropene	7.835	75	82926	19.190	ug/l	95
37) Ethyl Acetate	6.994	43	42381	20.571	ug/l	97
38) Carbon Tetrachloride	7.817	117	88278	20.315	ug/l	95
39) Methylcyclohexane	9.109	83	101873	18.575	ug/l #	87
40) Benzene	8.079	78	255925	20.290	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	20142	19.516	ug/l	93
42) 1,2-Dichloroethane	8.158	62	74858	21.441	ug/l	94
43) Isopropyl Acetate	8.201	43	81921	20.678	ug/l #	91
44) Trichloroethene	8.865	130	60113	20.563	ug/l	85
45) 1,2-Dichloropropane	9.140	63	63700	21.109	ug/l	95
46) Dibromomethane	9.231	93	34267	20.957	ug/l	90
47) Bromodichloromethane	9.426	83	91653	21.396	ug/l	95
48) Methyl methacrylate	9.219	41	39748	21.660	ug/l #	82
49) 1,4-Dioxane	9.231	88	7353	436.780	ug/l #	70
51) 4-Methyl-2-Pentanone	9.999	43	219654	107.600	ug/l	87
52) Toluene	10.170	92	158349	20.366	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	78530	20.761	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	93951	20.809	ug/l #	82
55) 1,1,2-Trichloroethane	10.572	97	44421	21.849	ug/l	95
56) Ethyl methacrylate	10.438	69	62967	21.591	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	79535	21.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	151392	105.262	ug/l	93
59) 2-Hexanone	10.761	43	156126	106.678	ug/l	86
60) Dibromochloromethane	10.908	129	56524	21.811	ug/l	99
61) 1,2-Dibromoethane	11.011	107	41567	22.007	ug/l	94
64) Tetrachloroethene	10.646	164	54248	21.475	ug/l	93
65) Chlorobenzene	11.438	112	168588	20.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	56463	21.679	ug/l	98
67) Ethyl Benzene	11.517	91	304891	20.008	ug/l	98
68) m/p-Xylenes	11.627	106	228007	40.896	ug/l	93
69) o-Xylene	11.956	106	106954	20.262	ug/l	90
70) Styrene	11.969	104	179597	20.578	ug/l	95
71) Bromoform	12.127	173	29464	22.052	ug/l #	93
73) Isopropylbenzene	12.255	105	288342	20.499	ug/l	98
74) N-amyl acetate	12.072	43	72961	20.750	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	51290	20.849	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	66879	40.518	ug/l #	100
77) Bromobenzene	12.529	156	59129	20.785	ug/l	84
78) n-propylbenzene	12.597	91	354720	20.262	ug/l	96
79) 2-Chlorotoluene	12.676	91	203629	20.955	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	233908	20.713	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	15543	20.255	ug/l #	85
82) 4-Chlorotoluene	12.779	91	206033	20.794	ug/l	94
83) tert-Butylbenzene	12.999	119	207955	21.059	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	233535	20.879	ug/l	94
85) sec-Butylbenzene	13.176	105	309759	20.433	ug/l	97
86) p-Isopropyltoluene	13.291	119	244436	20.093	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	120274	20.812	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	120002	20.851	ug/l	94
89) n-Butylbenzene	13.615	91	242745	19.906	ug/l	98
90) Hexachloroethane	13.877	117	49472	20.563	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	107823	21.464	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8082	21.663	ug/l	72
93) 1,2,4-Trichlorobenzene	14.925	180	53906	19.976	ug/l	96
94) Hexachlorobutadiene	15.023	225	28889	19.578	ug/l	99
95) Naphthalene	15.145	128	101865	20.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	45884	20.031	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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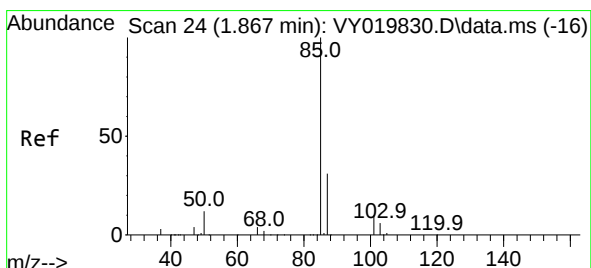
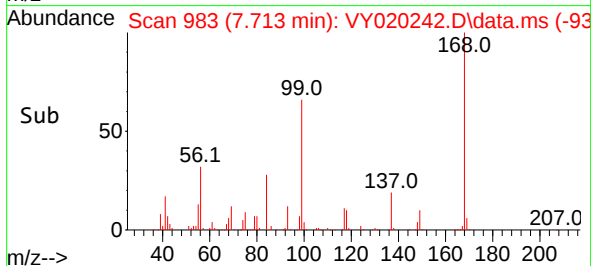
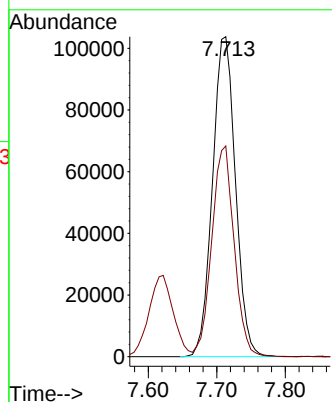
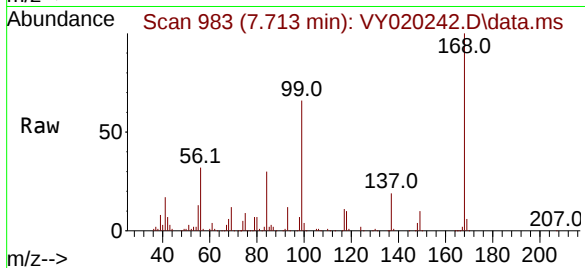
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

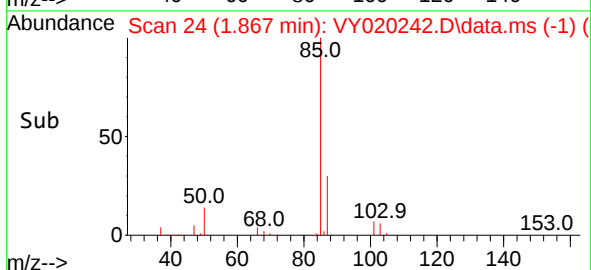
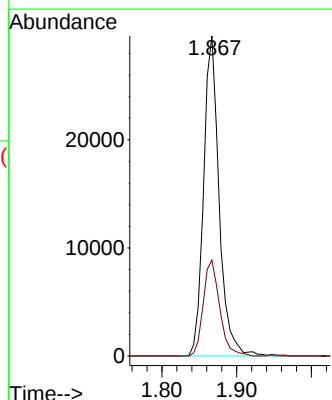
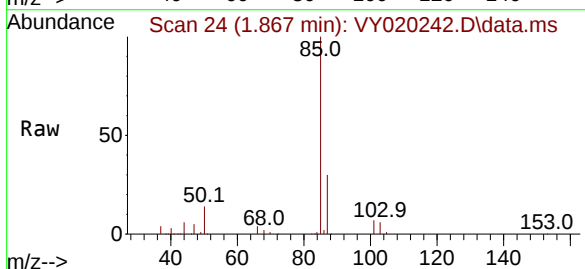
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 241513
Ion Ratio Lower Upper
168 100
99 65.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 19.079 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 85 Resp: 42653
Ion Ratio Lower Upper
85 100
87 29.9 16.0 48.0

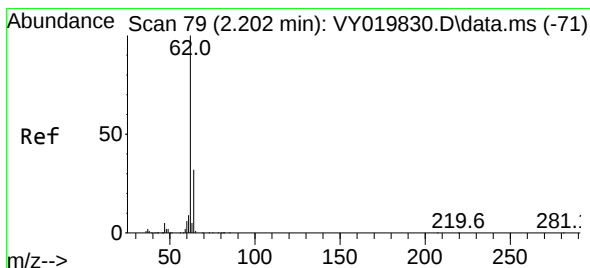
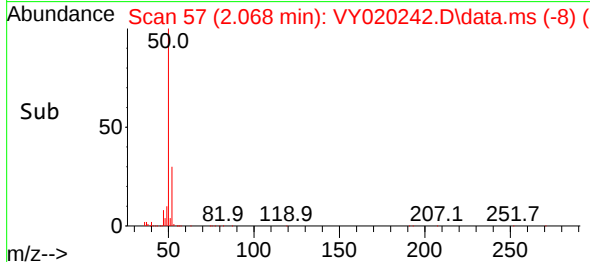
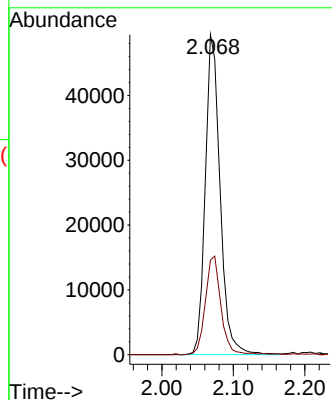
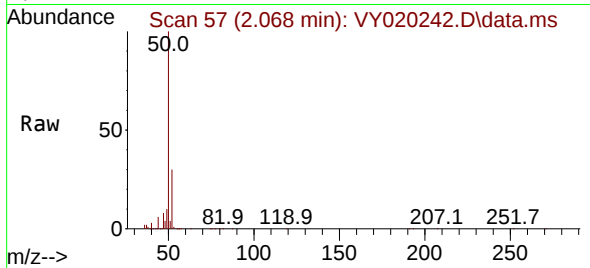




#3
Chloromethane
Concen: 19.212 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

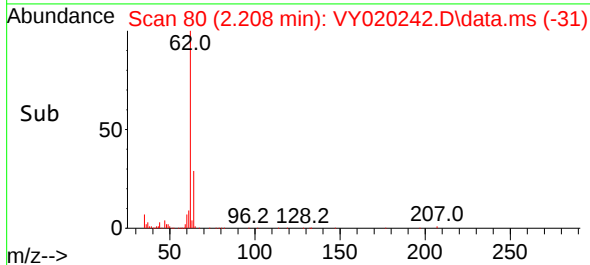
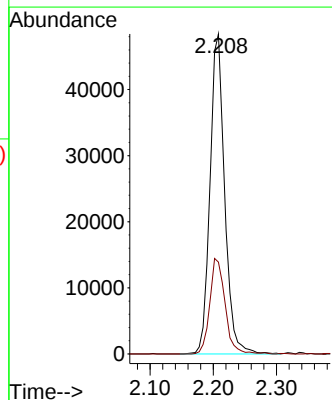
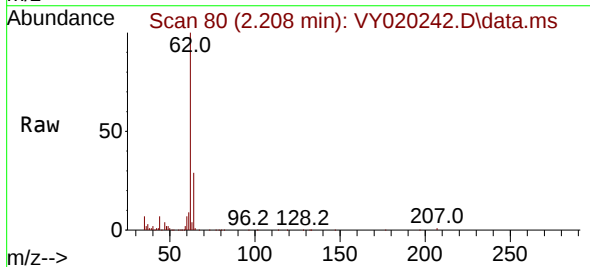
Instrument :
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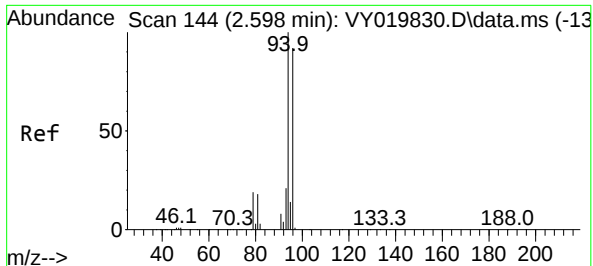
Tgt Ion: 50 Resp: 71145
Ion Ratio Lower Upper
50 100
52 29.6 25.6 38.4



#4
Vinyl Chloride
Concen: 19.649 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 62 Resp: 78114
Ion Ratio Lower Upper
62 100
64 28.7 26.1 39.1

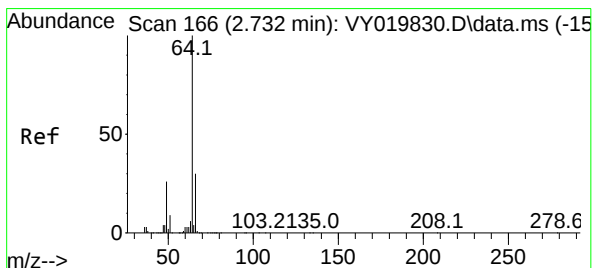
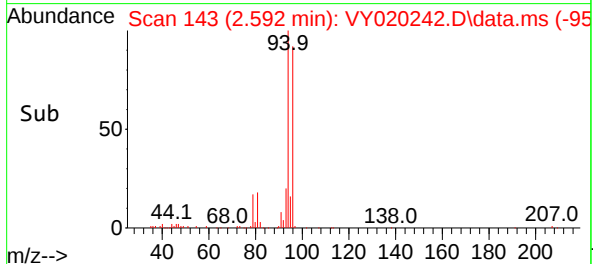
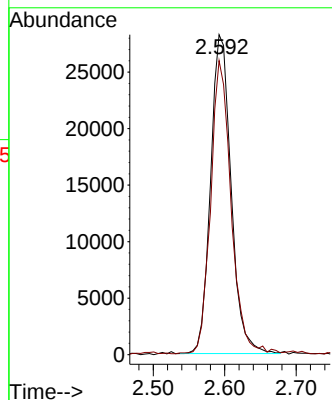
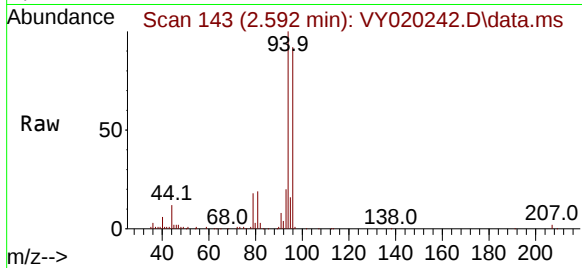




#5
Bromomethane
Concen: 21.289 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

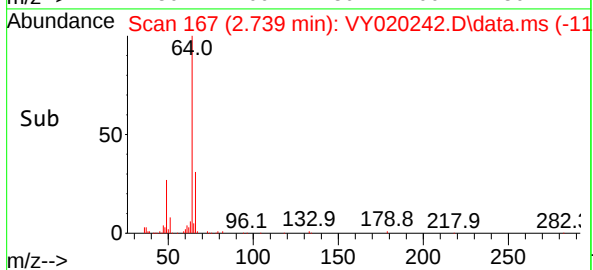
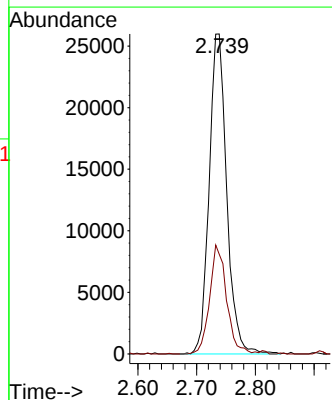
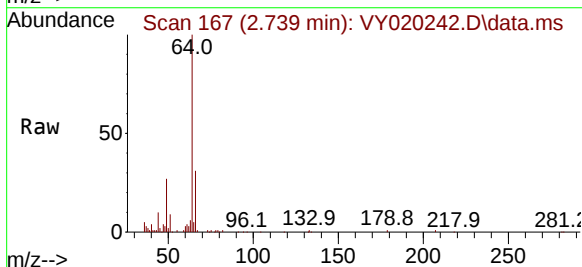
Instrument :
MSVOA_Y
ClientSampleId :

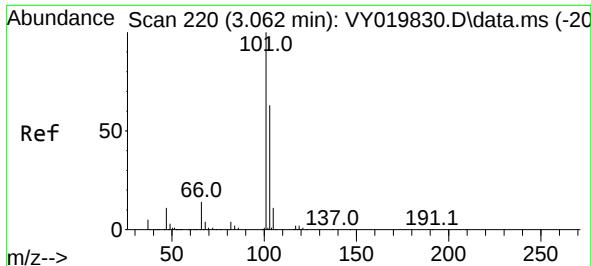
Tgt Ion: 94 Resp: 56190
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1



#6
Chloroethane
Concen: 21.025 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 64 Resp: 53943
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1

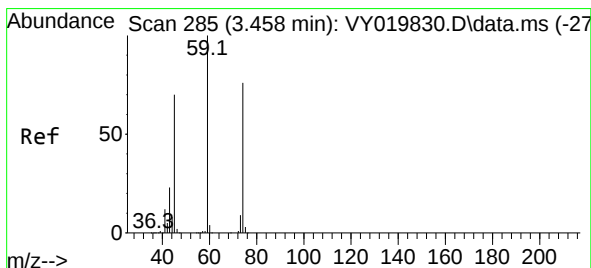
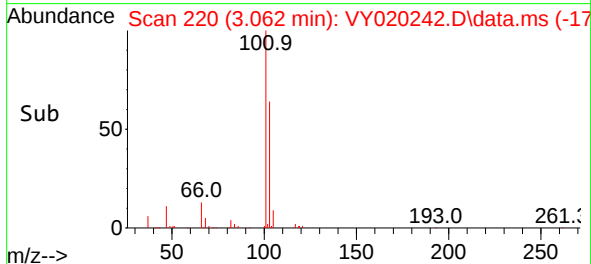
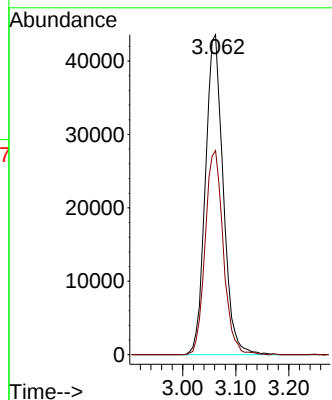
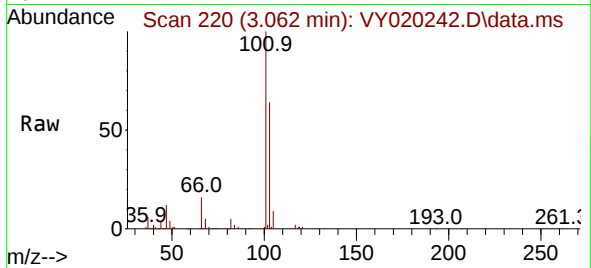




#7
 Trichlorofluoromethane
 Concen: 20.917 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020242.D
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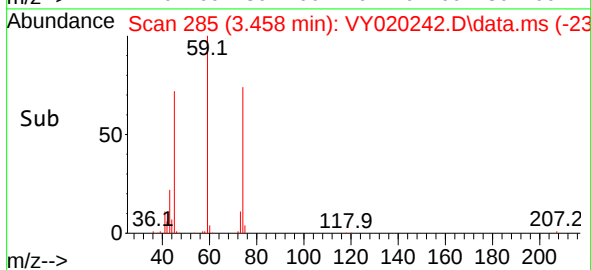
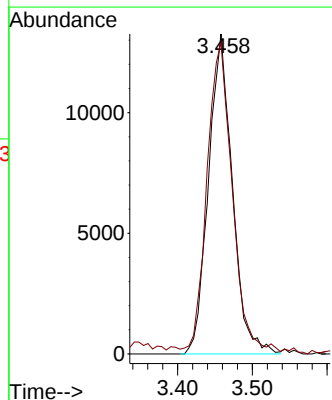
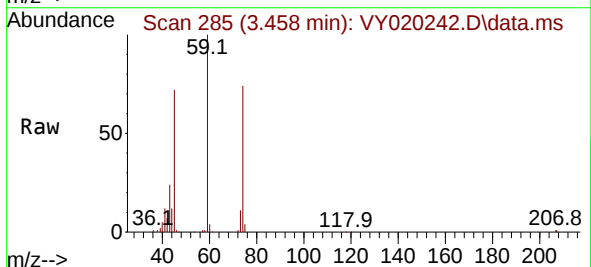
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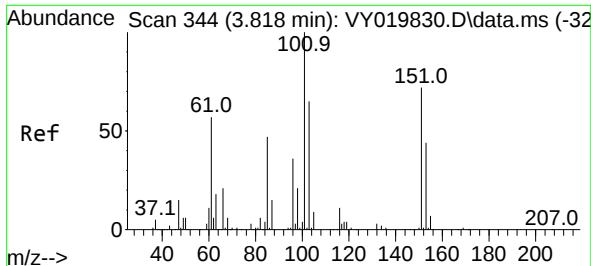
Tgt Ion:101 Resp: 101581
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.730 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020242.D
 Acq: 11 Nov 2024 12:38

Tgt Ion: 74 Resp: 29434
 Ion Ratio Lower Upper
 74 100
 45 101.7 41.3 124.1

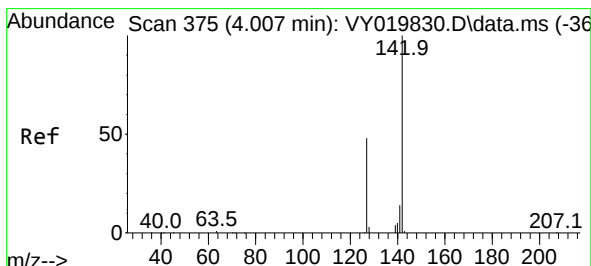
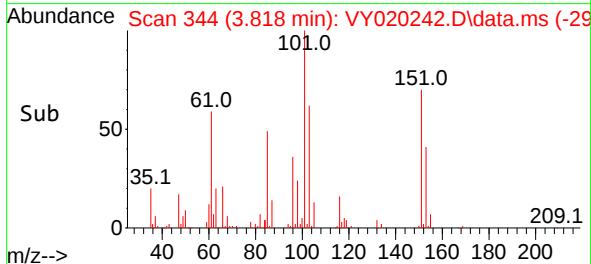
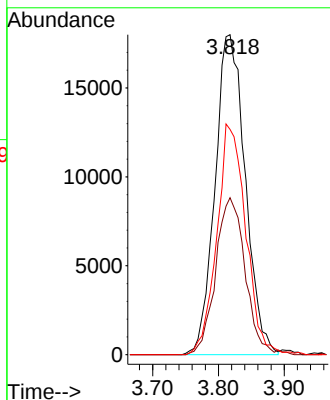
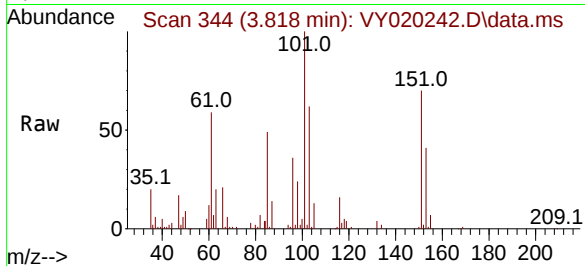




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.120 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020242.D
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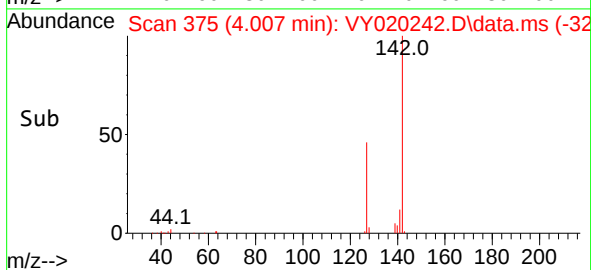
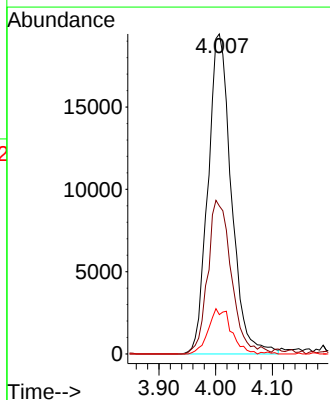
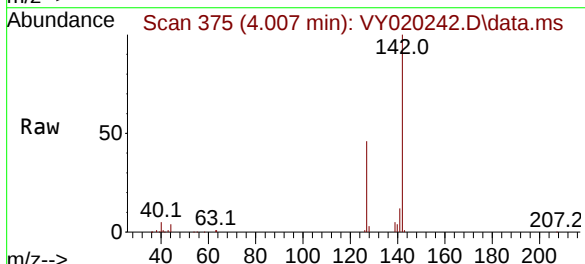
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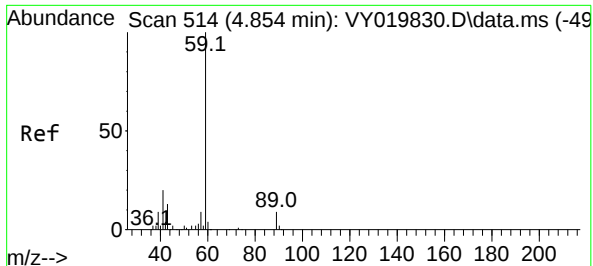
Tgt Ion:101 Resp: 57530
Ion Ratio Lower Upper
101 100
85 48.0 34.5 51.7
151 69.1 61.7 92.5



#10
Methyl Iodide
Concen: 21.144 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion:142 Resp: 55605
Ion Ratio Lower Upper
142 100
127 48.8 32.8 49.2
141 13.9 11.4 17.2

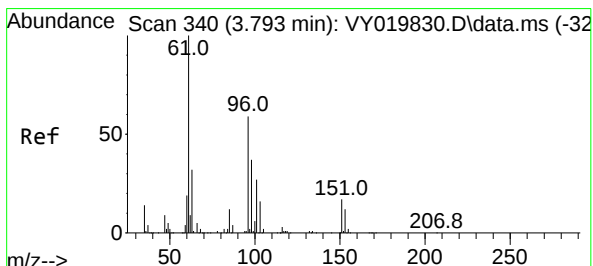
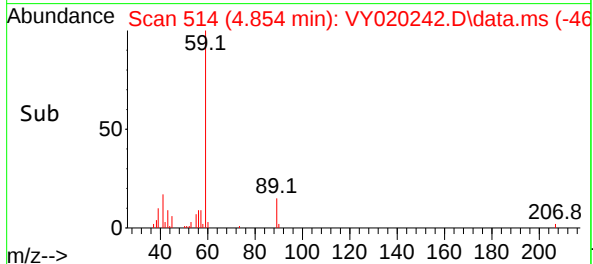
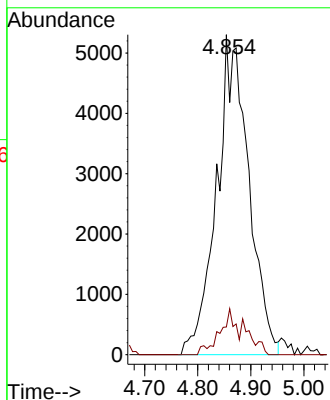
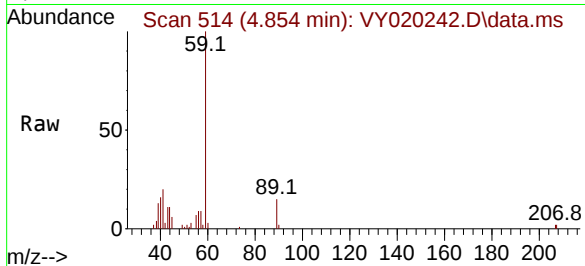




#11
Tert butyl alcohol
Concen: 102.779 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

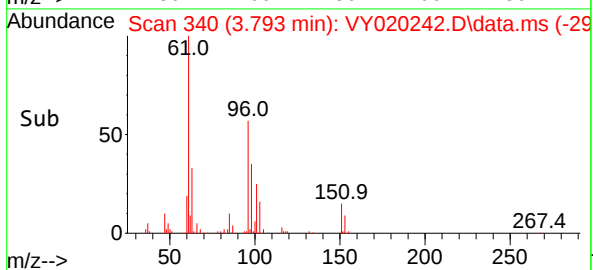
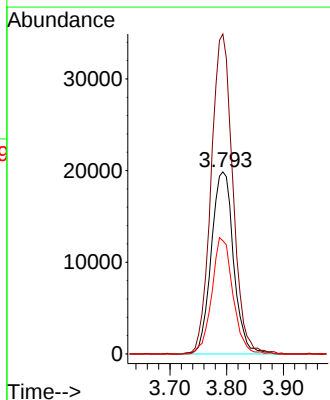
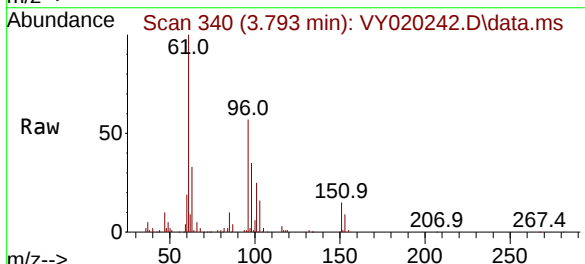
Instrument :
MSVOA_Y
ClientSampleId :

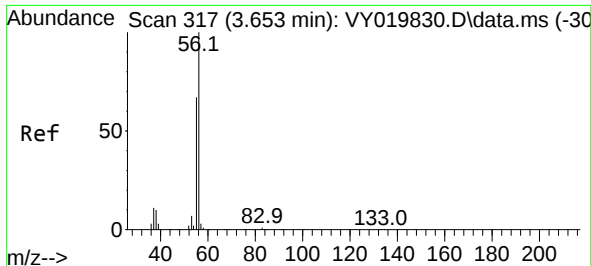
Tgt Ion: 59 Resp: 22284
Ion Ratio Lower Upper
59 100
57 5.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.818 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 96 Resp: 54257
Ion Ratio Lower Upper
96 100
61 175.7 114.6 171.8#
98 62.2 50.8 76.2





#13

Acrolein

Concen: 76.824 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

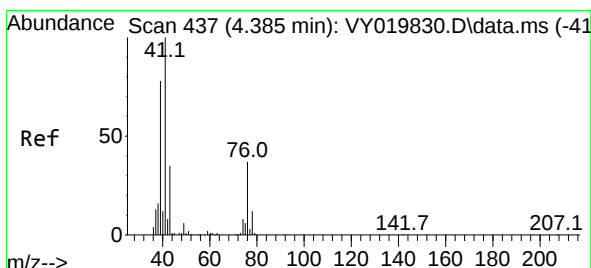
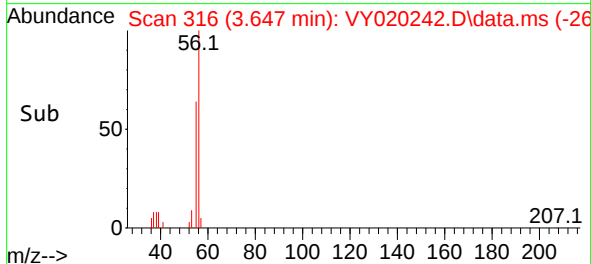
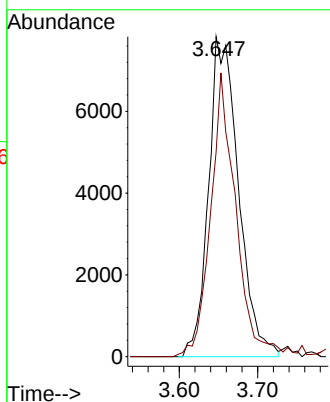
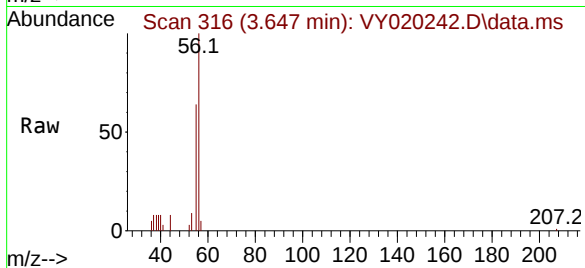
ClientSampleId :

Tgt Ion: 56 Resp: 20735

Ion Ratio Lower Upper

56 100

55 75.2 55.7 83.5



#14

Allyl chloride

Concen: 20.387 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

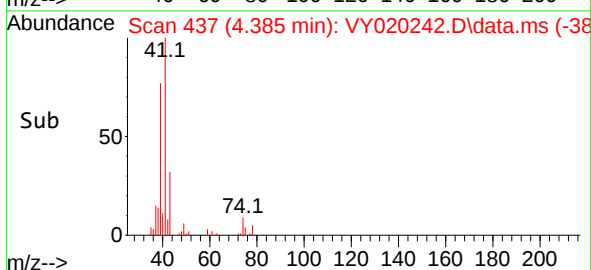
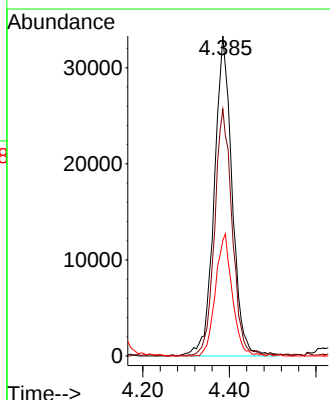
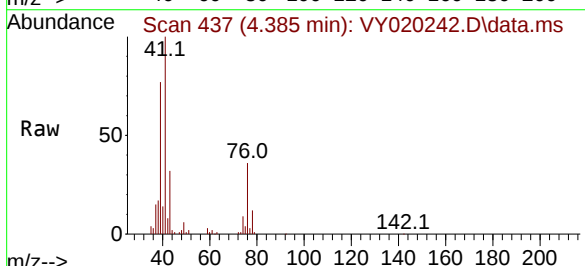
Tgt Ion: 41 Resp: 95861

Ion Ratio Lower Upper

41 100

39 76.0 58.3 87.5

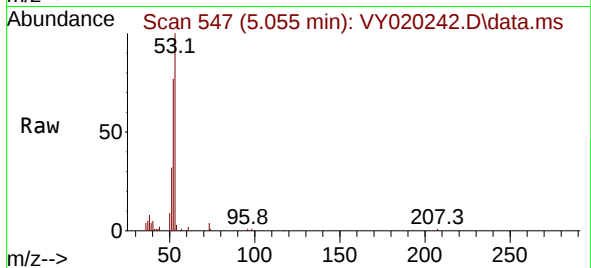
76 35.8 39.0 58.6#





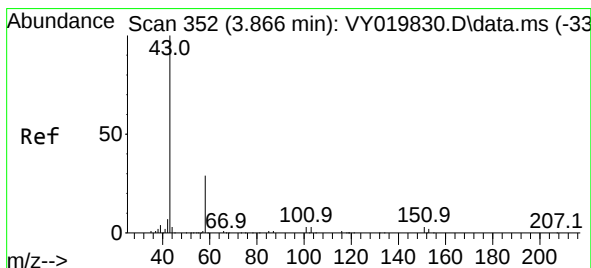
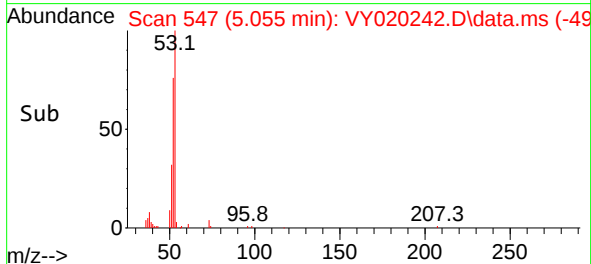
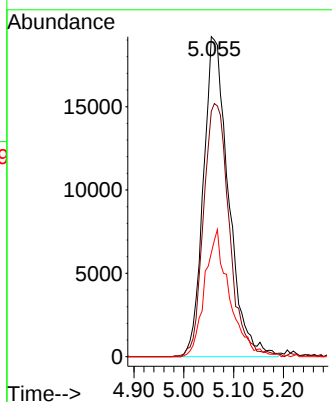
#15
Acrylonitrile
Concen: 109.191 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 53 Resp: 67324

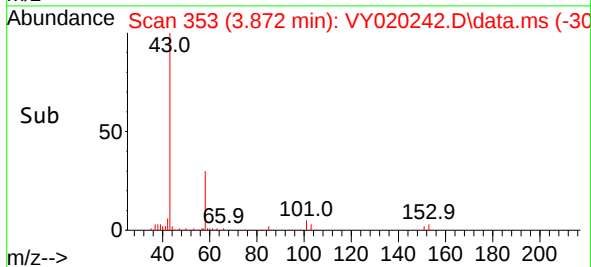
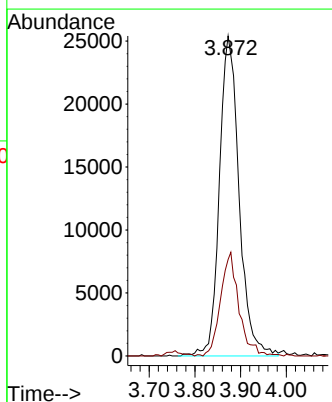
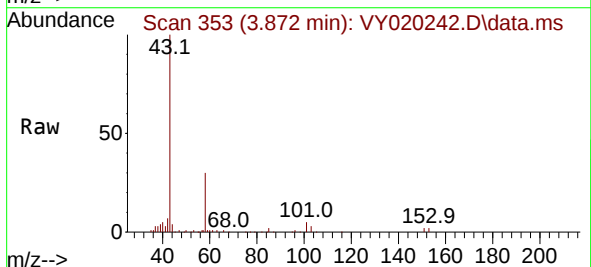
Ion	Ratio	Lower	Upper
53	100		
52	81.1	64.7	97.1
51	39.1	28.4	42.6

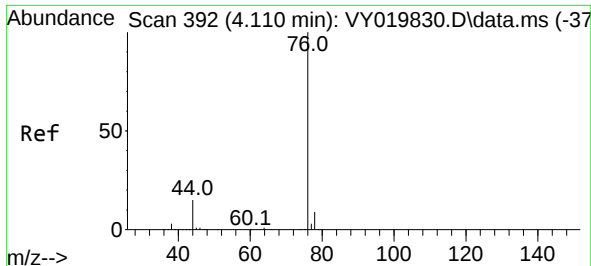


#16
Acetone
Concen: 108.666 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 43 Resp: 76172

Ion	Ratio	Lower	Upper
43	100		
58	29.7	31.7	47.5#





#17

Carbon Disulfide

Concen: 17.794 ug/l

RT: 4.110 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

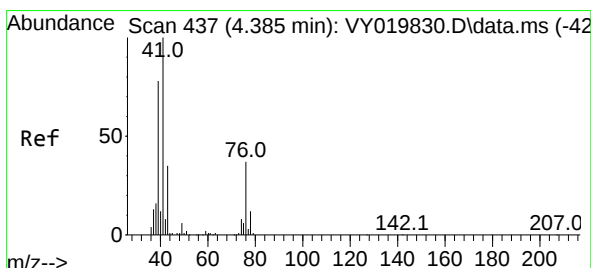
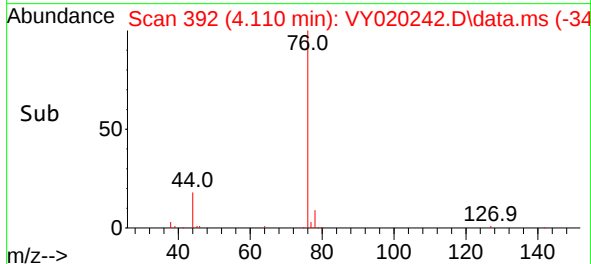
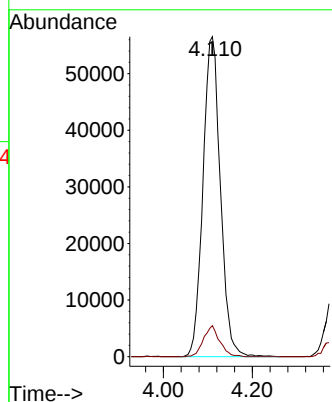
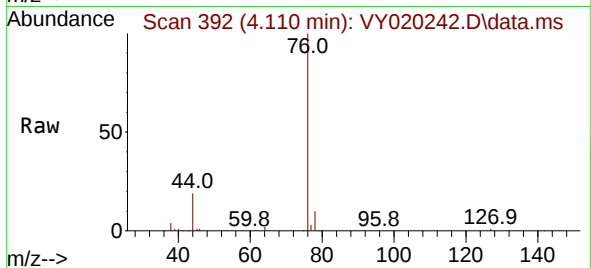
ClientSampleId :

Tgt Ion: 76 Resp: 154334

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2



#18

Methyl Acetate

Concen: 21.461 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020242.D

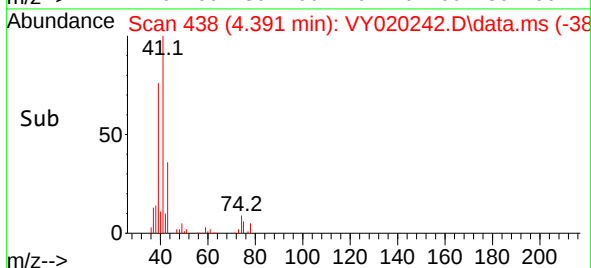
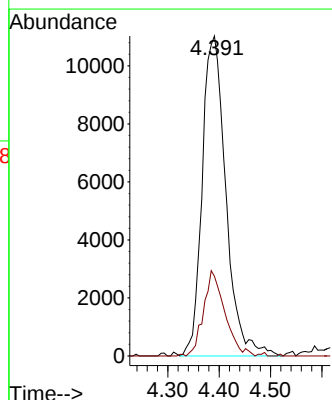
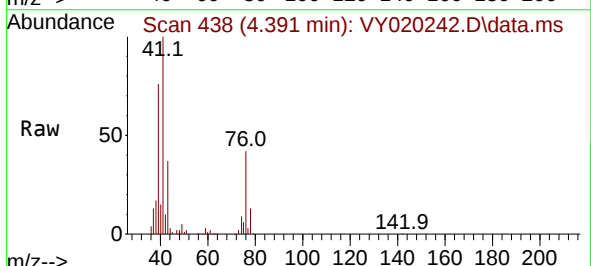
Acq: 11 Nov 2024 12:38

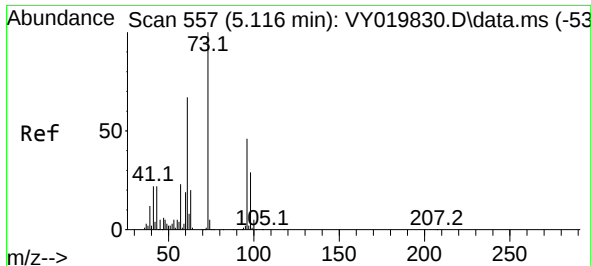
Tgt Ion: 43 Resp: 35296

Ion Ratio Lower Upper

43 100

74 24.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 22.334 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

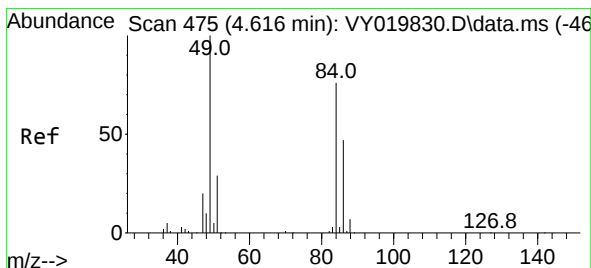
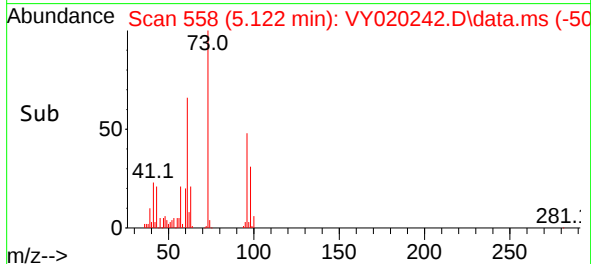
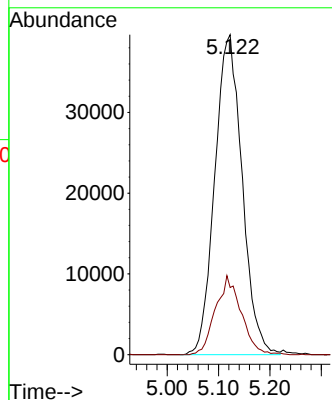
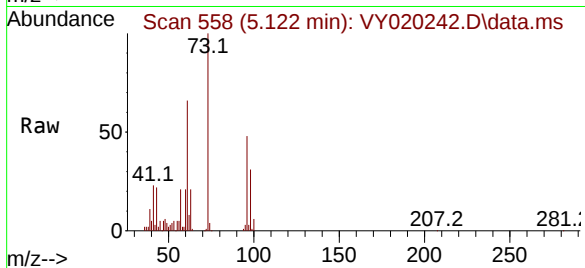
ClientSampleId :

Tgt Ion: 73 Resp: 146441

Ion Ratio Lower Upper

73 100

57 21.0 17.3 25.9



#20

Methylene Chloride

Concen: 18.877 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Tgt Ion: 84 Resp: 59441

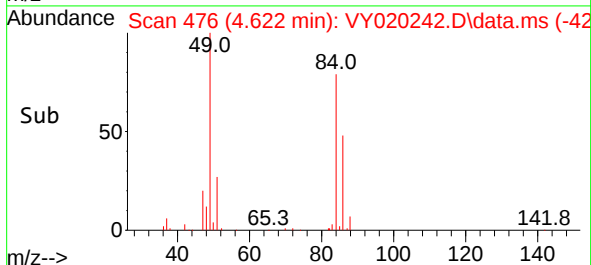
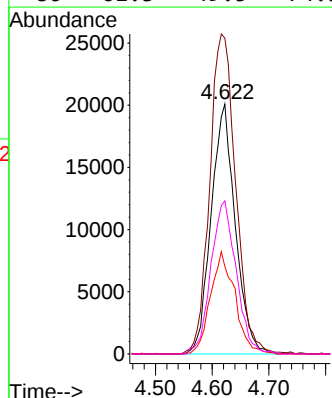
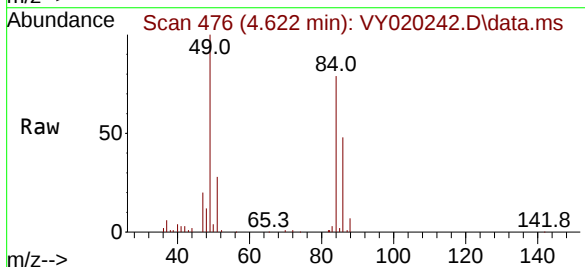
Ion Ratio Lower Upper

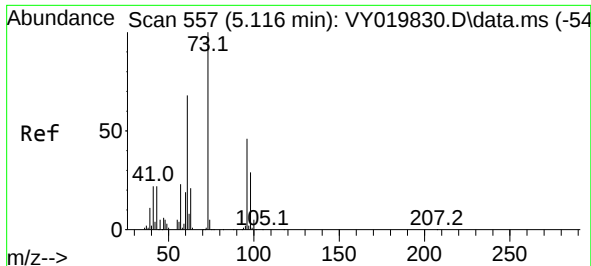
84 100

49 126.4 84.4 126.6

51 35.0 26.0 39.0

86 61.3 49.5 74.3

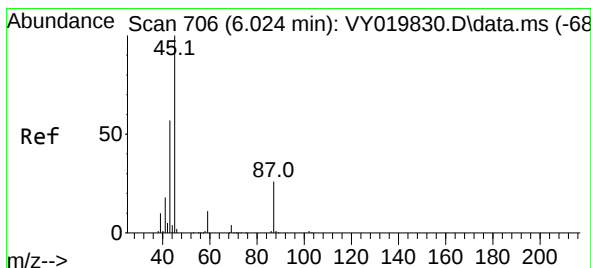
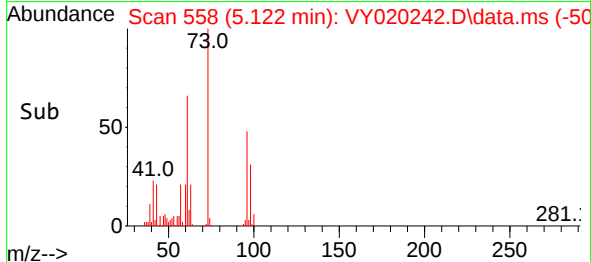
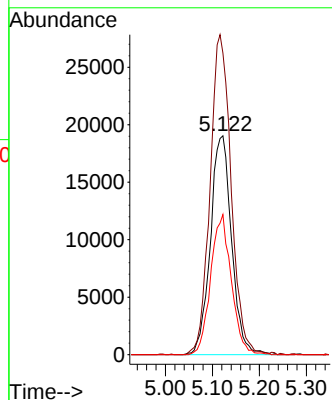
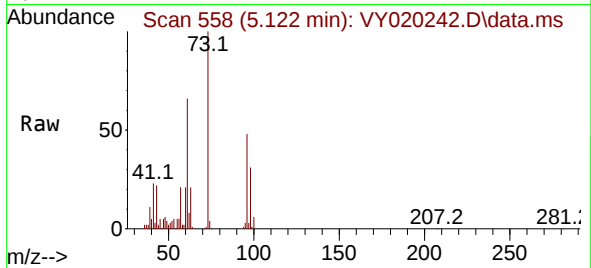




#21
trans-1,2-Dichloroethene
Concen: 20.266 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

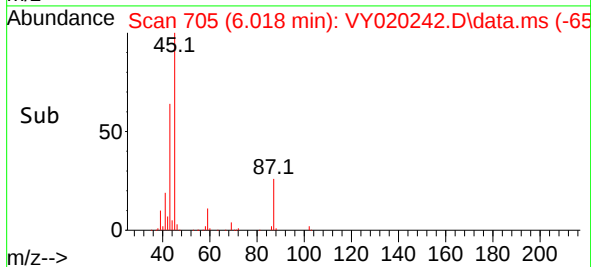
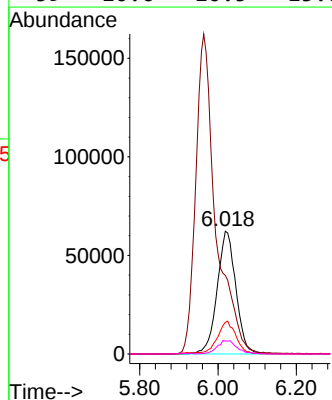
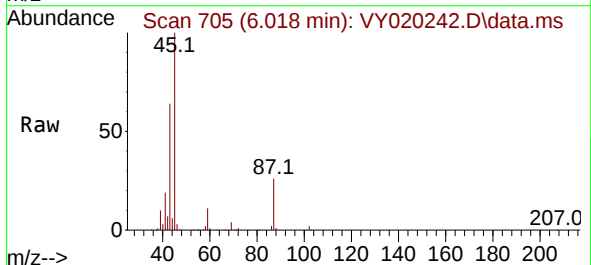
Instrument :
MSVOA_Y
ClientSampleId :

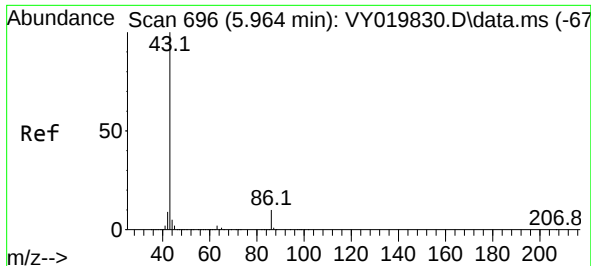
Tgt Ion: 96 Resp: 59568
Ion Ratio Lower Upper
96 100
61 137.8 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 21.245 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 45 Resp: 207302
Ion Ratio Lower Upper
45 100
43 63.4 42.2 63.2#
87 25.8 25.0 37.6
59 10.6 10.5 15.7

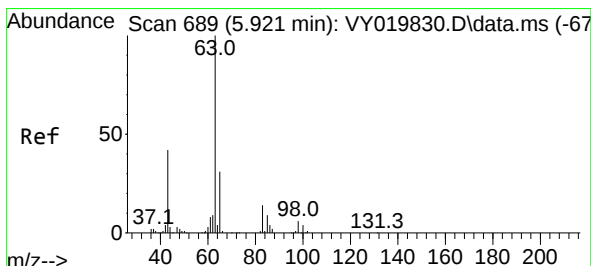
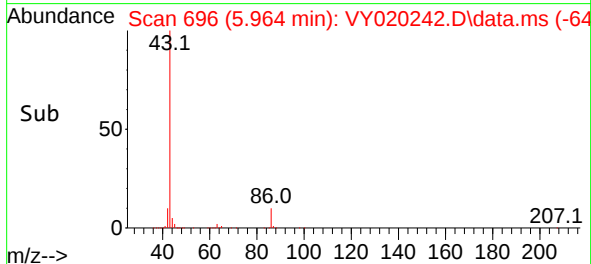
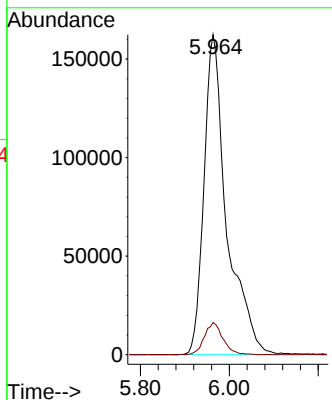
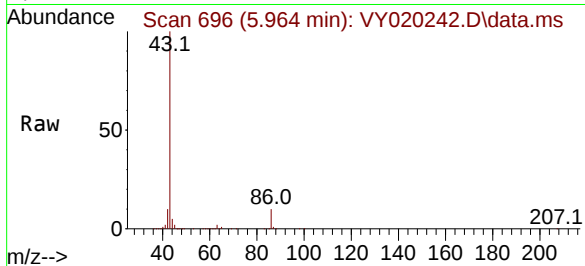




#23
 Vinyl Acetate
 Concen: 105.154 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020242.D
 Acq: 11 Nov 2024 12:38

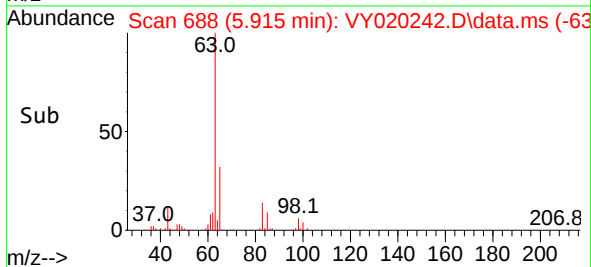
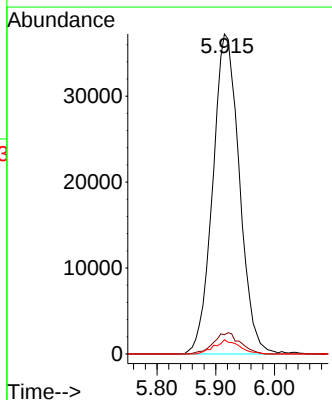
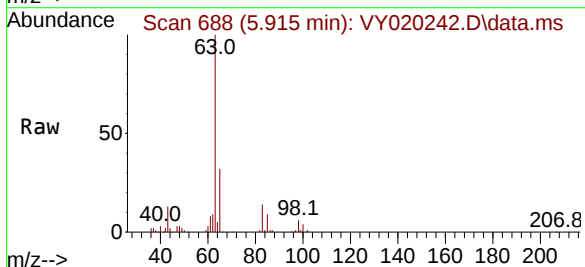
Instrument :
 MSVOA_Y
 ClientSampleId :

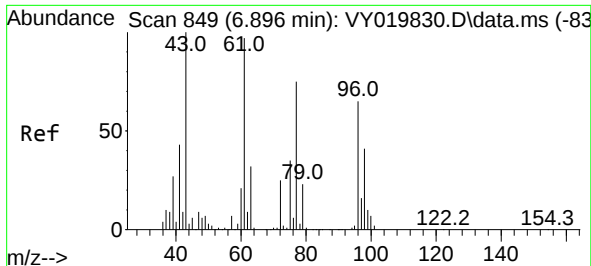
Tgt Ion: 43 Resp: 577443
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 20.734 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020242.D
 Acq: 11 Nov 2024 12:38

Tgt Ion: 63 Resp: 117152
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.0 12.2
 100 4.5 2.6 8.0

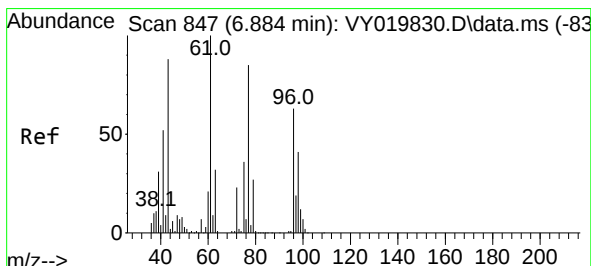
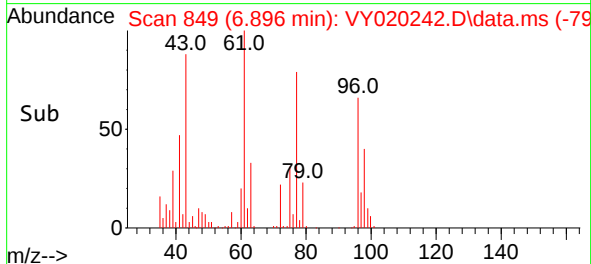
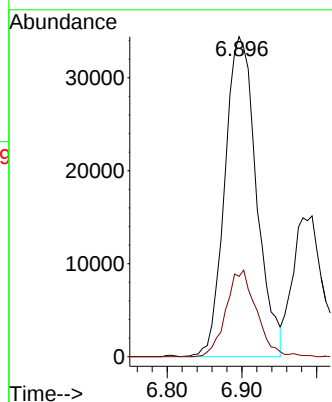
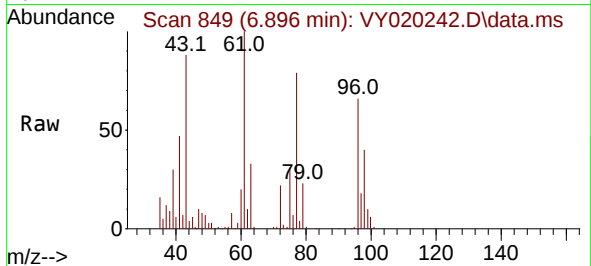




#25
2-Butanone
Concen: 106.828 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

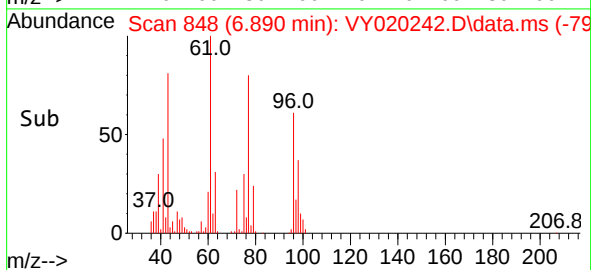
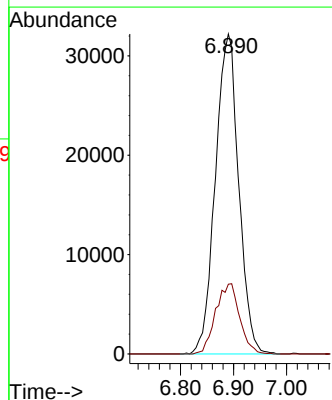
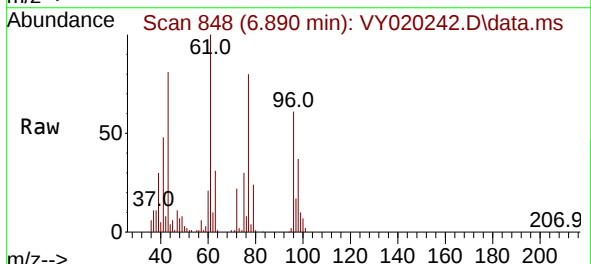
Instrument :
MSVOA_Y
ClientSampleId :

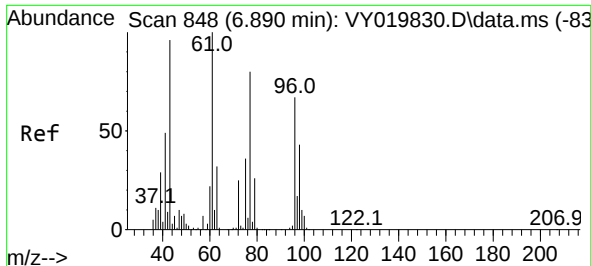
Tgt Ion: 43 Resp: 101508
Ion Ratio Lower Upper
43 100
72 25.1 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 20.930 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 77 Resp: 98392
Ion Ratio Lower Upper
77 100
97 22.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.807 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

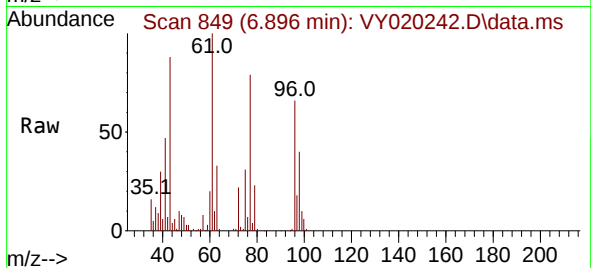
Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :



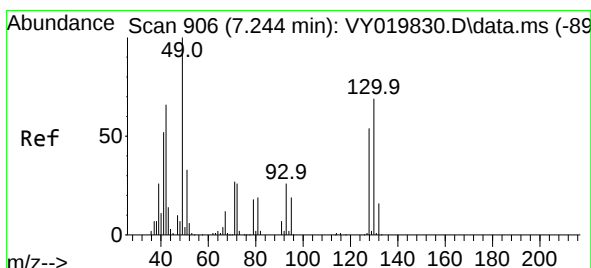
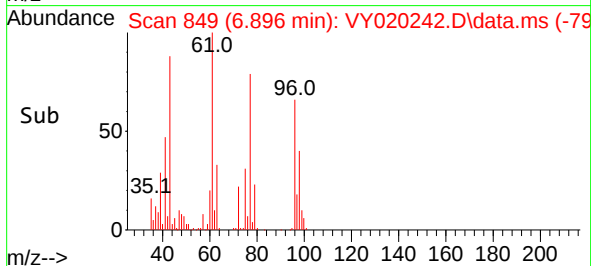
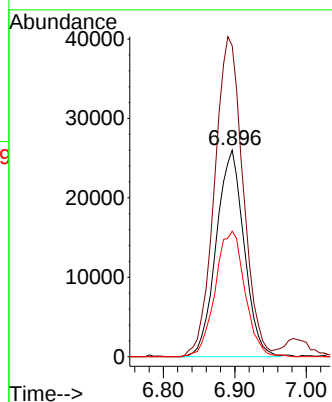
Tgt Ion: 96 Resp: 70302

Ion Ratio Lower Upper

96 100

61 158.4 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 20.103 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

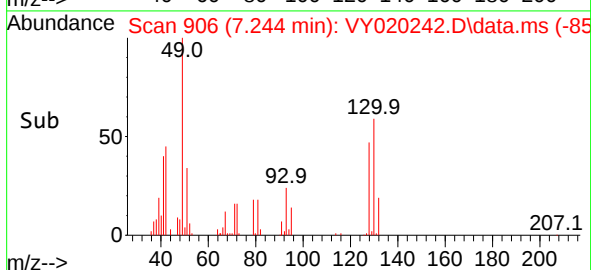
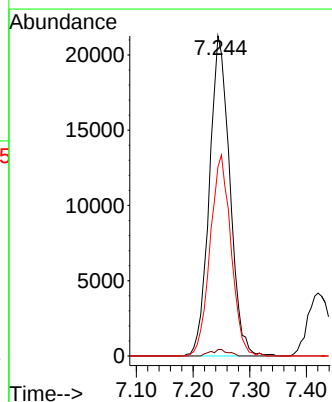
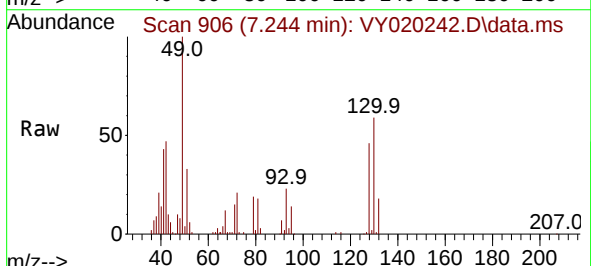
Tgt Ion: 49 Resp: 53185

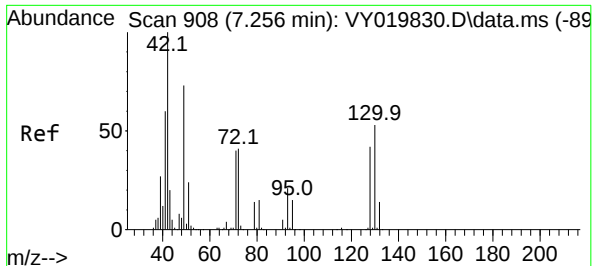
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 64.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 107.634 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

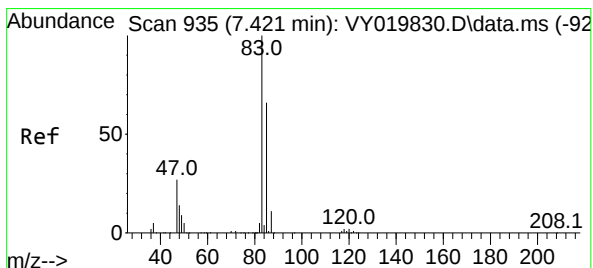
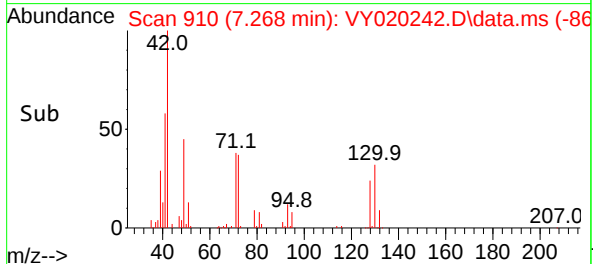
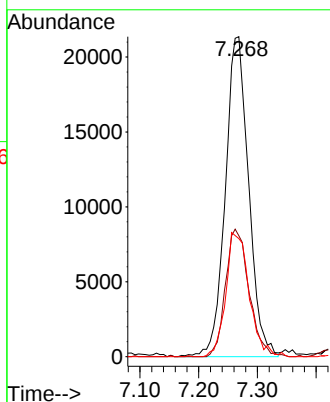
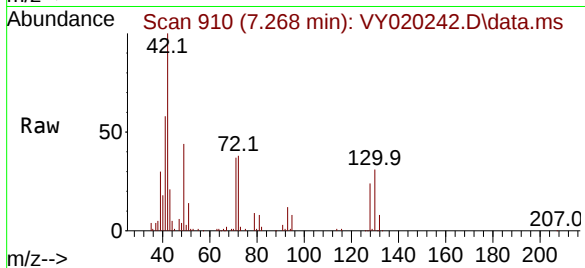
Tgt Ion: 42 Resp: 59023

Ion Ratio Lower Upper

42 100

72 40.1 43.0 64.4#

71 38.9 40.8 61.2#



#30

Chloroform

Concen: 21.531 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020242.D

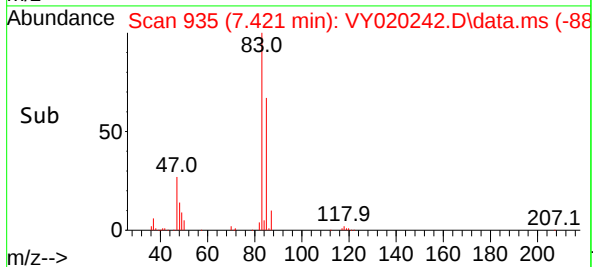
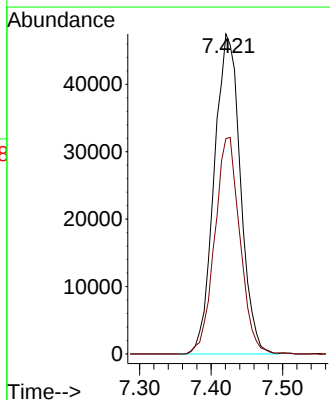
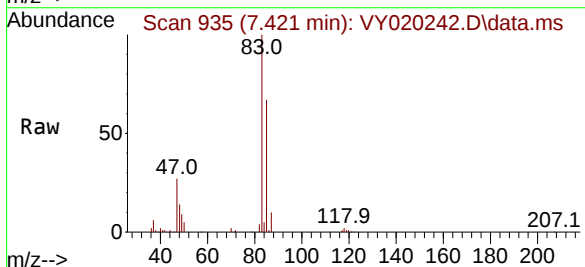
Acq: 11 Nov 2024 12:38

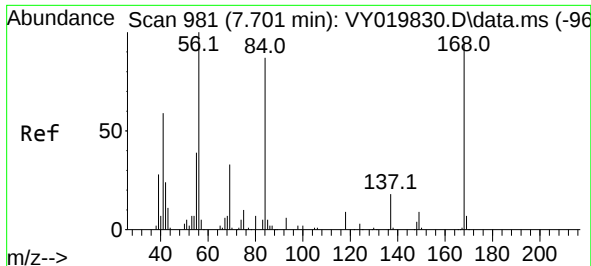
Tgt Ion: 83 Resp: 120717

Ion Ratio Lower Upper

83 100

85 67.3 52.2 78.4

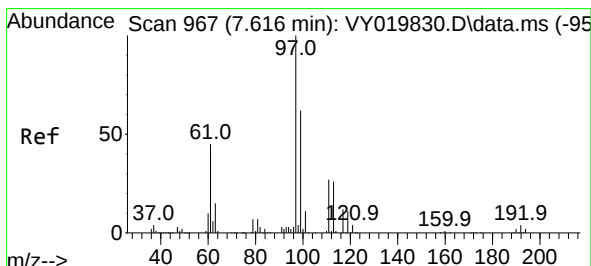
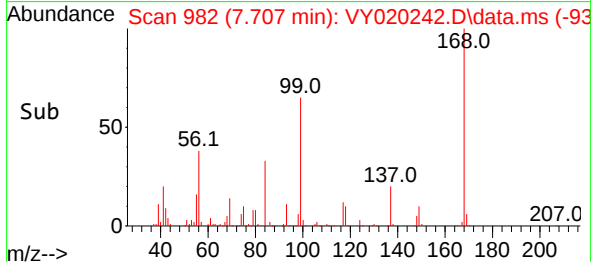
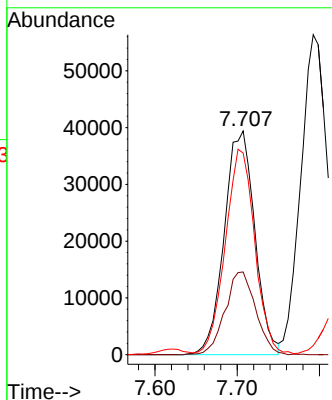
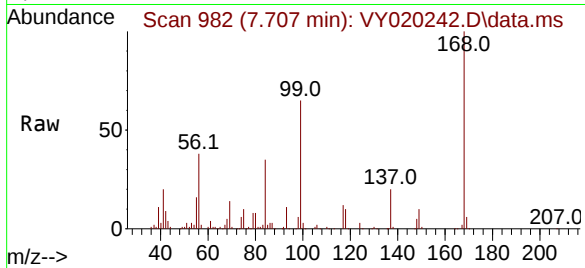




#31
Cyclohexane
Concen: 18.644 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

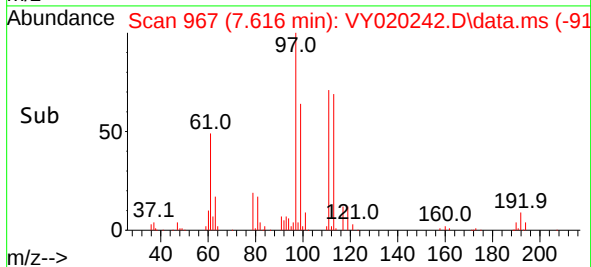
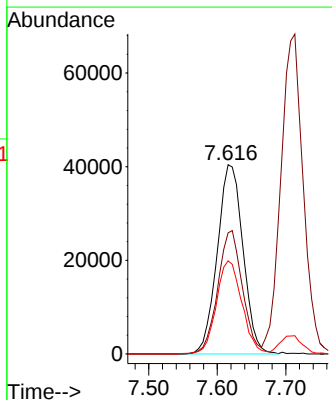
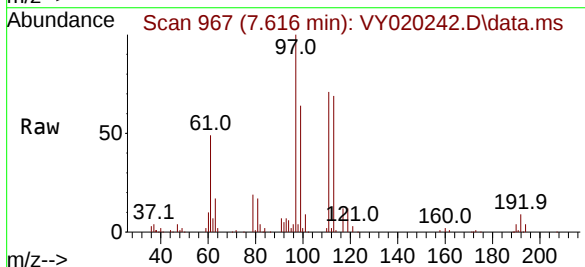
Instrument :
MSVOA_Y
ClientSampleId :

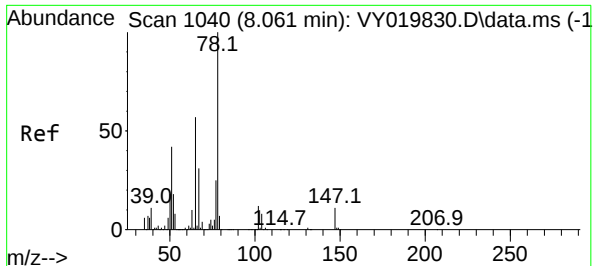
Tgt Ion: 56 Resp: 101984
Ion Ratio Lower Upper
56 100
69 36.9 28.7 43.1
84 87.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.547 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 97 Resp: 105475
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 48.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.458 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

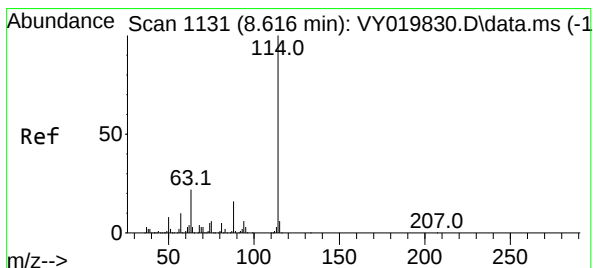
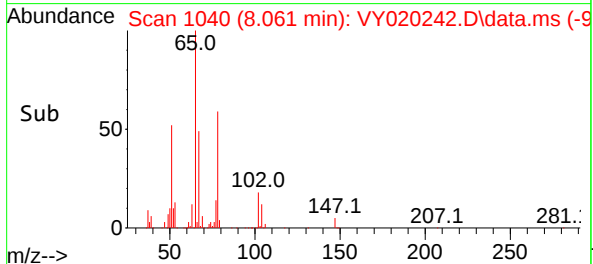
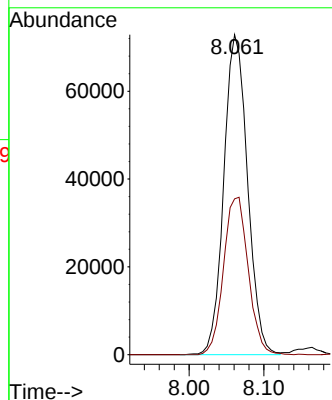
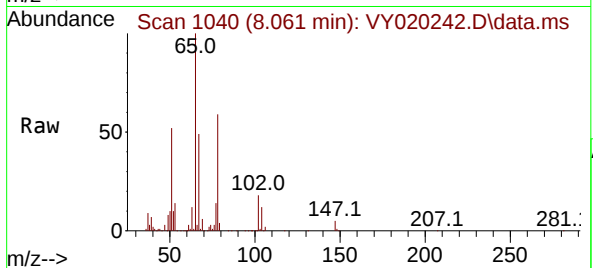
ClientSampleId :

Tgt Ion: 65 Resp: 161135

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

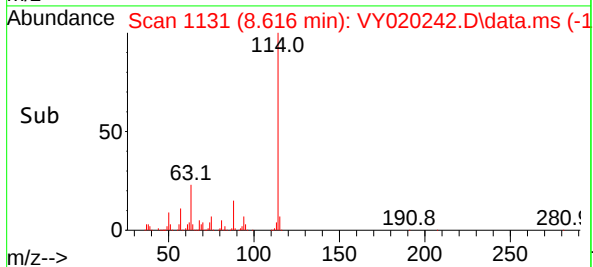
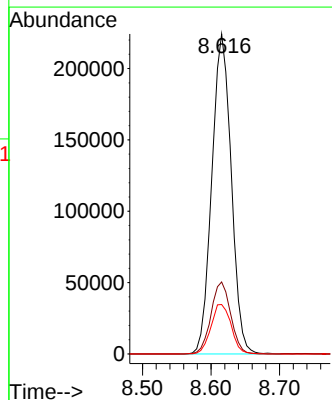
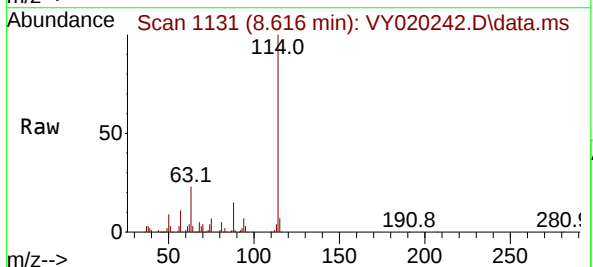
Tgt Ion:114 Resp: 439980

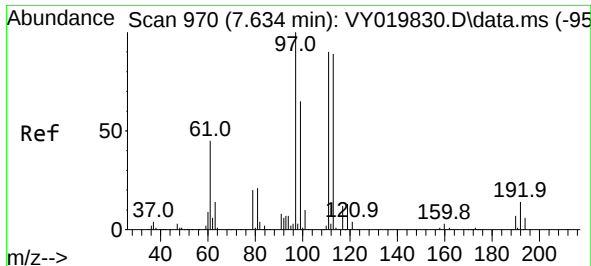
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

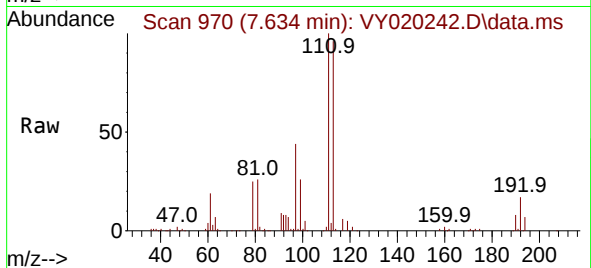
88 15.4 0.0 27.2



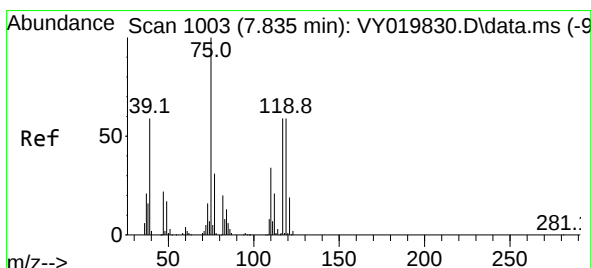
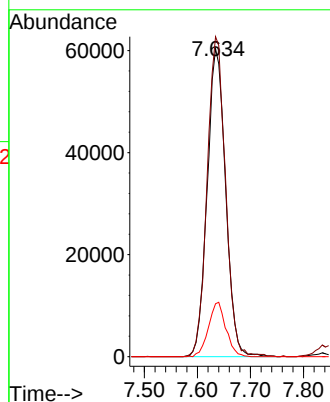
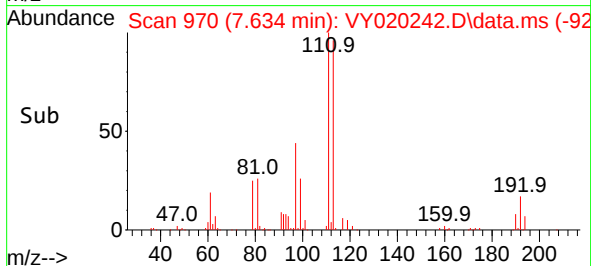


#35
Dibromofluoromethane
Concen: 52.138 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

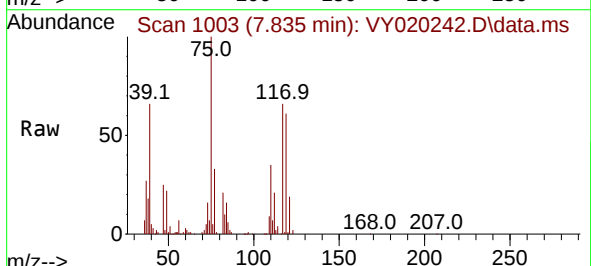
Instrument :
MSVOA_Y
ClientSampleId :



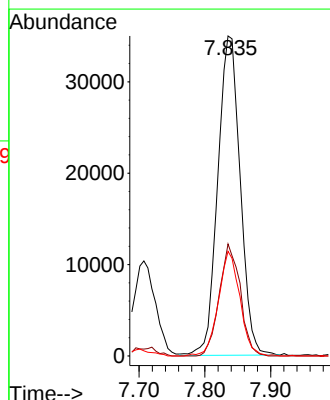
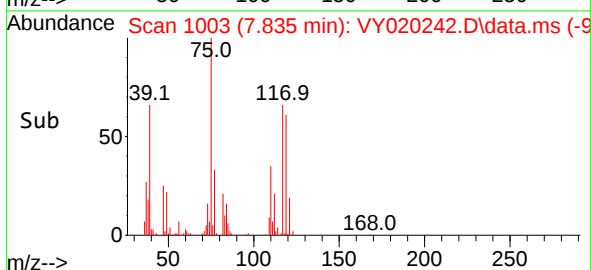
Tgt Ion:113 Resp: 145848
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.7 15.9 23.9

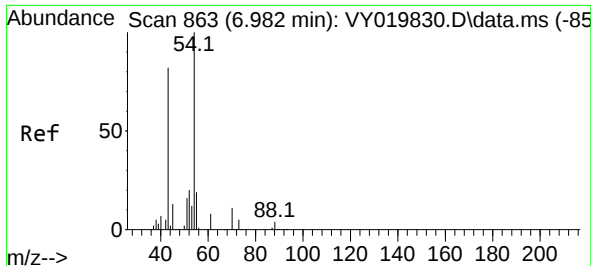


#36
1,1-Dichloropropene
Concen: 19.190 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38



Tgt Ion: 75 Resp: 82926
Ion Ratio Lower Upper
75 100
110 32.9 19.0 57.0
77 31.4 25.3 37.9

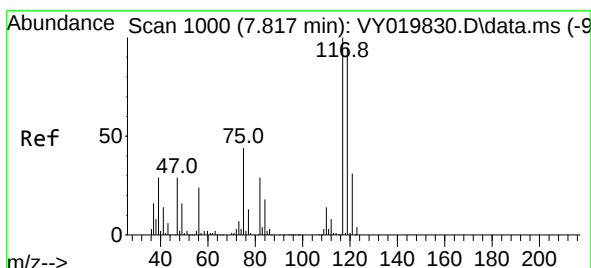
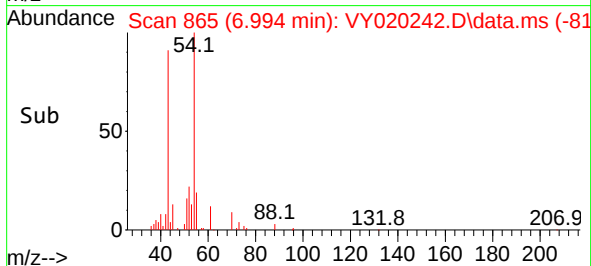
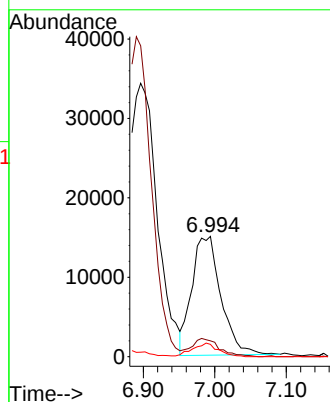
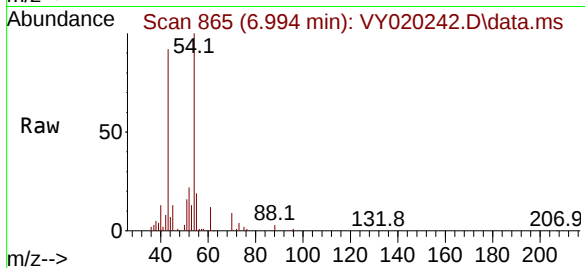




#37
Ethyl Acetate
Concen: 20.571 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

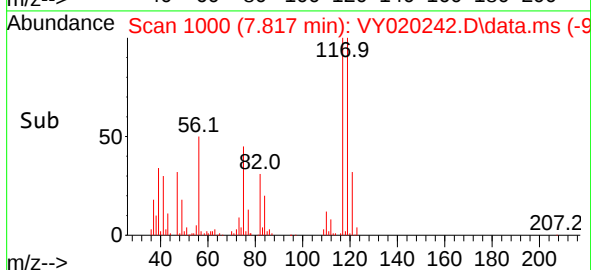
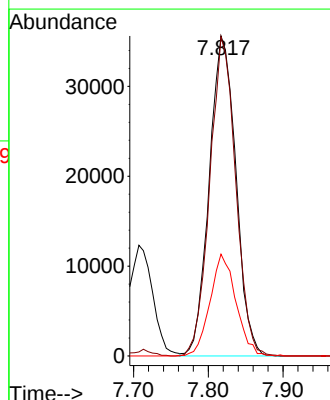
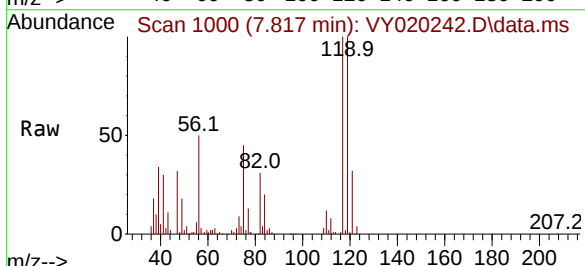
Instrument :
MSVOA_Y
ClientSampleId :

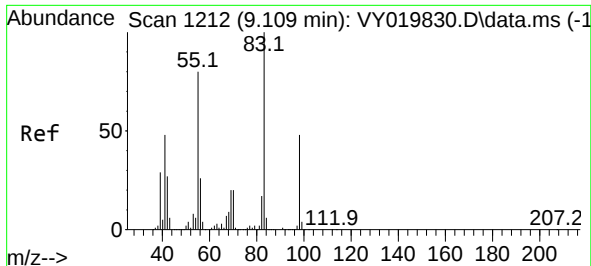
Tgt Ion: 43 Resp: 42381
Ion Ratio Lower Upper
43 100
61 14.0 12.6 19.0
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.315 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 117 Resp: 88278
Ion Ratio Lower Upper
117 100
119 99.7 75.8 113.6
121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 18.575 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

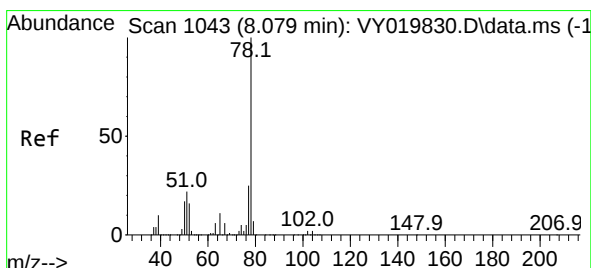
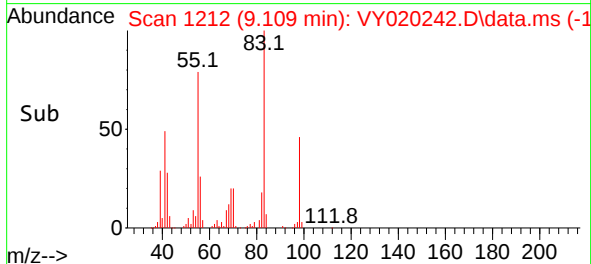
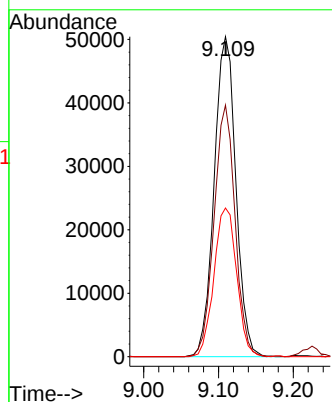
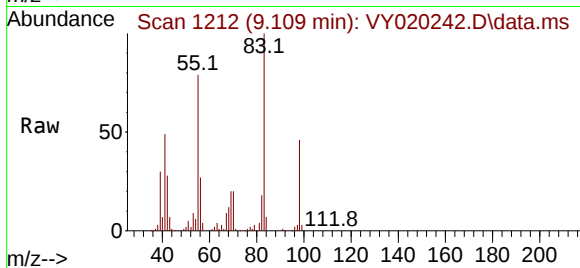
Tgt Ion: 83 Resp: 101873

Ion Ratio Lower Upper

83 100

55 78.6 51.5 77.3#

98 46.5 40.5 60.7



#40

Benzene

Concen: 20.290 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020242.D

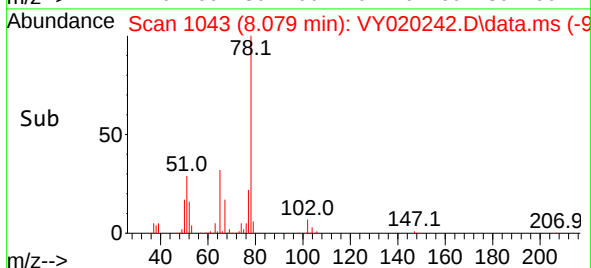
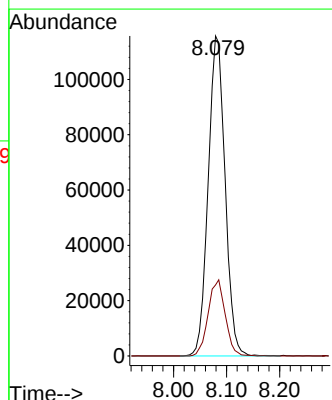
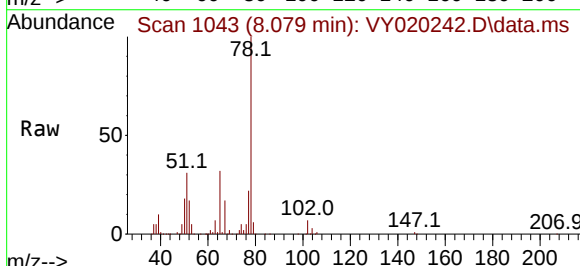
Acq: 11 Nov 2024 12:38

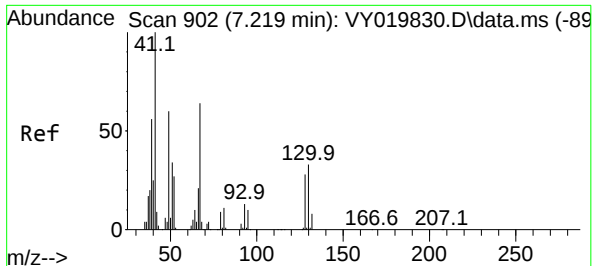
Tgt Ion: 78 Resp: 255925

Ion Ratio Lower Upper

78 100

77 22.2 19.5 29.3

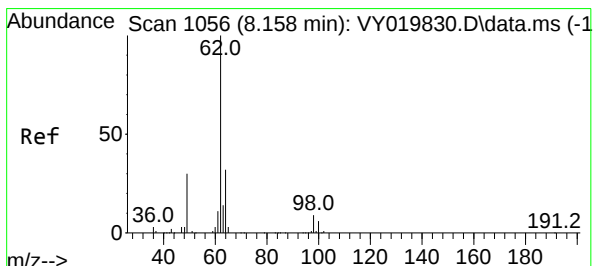
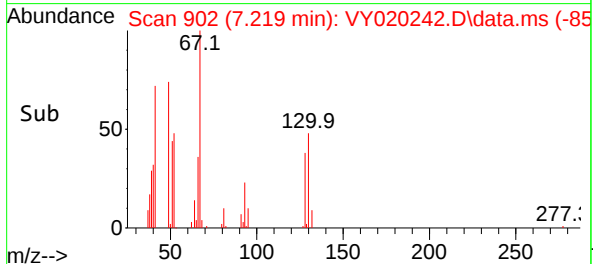
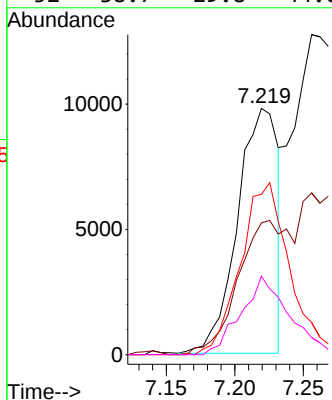
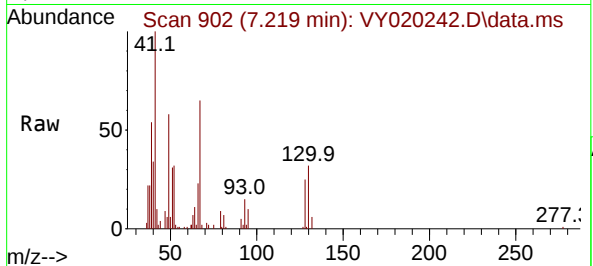




#41
Methacrylonitrile
Concen: 19.516 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

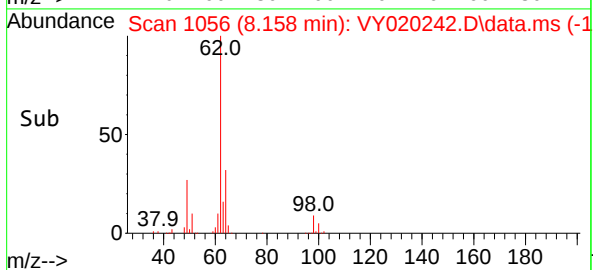
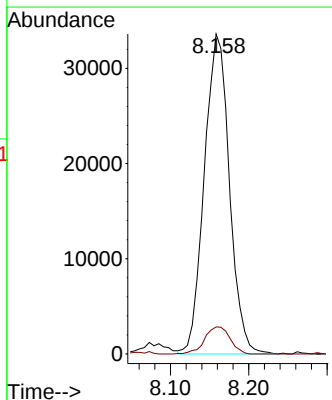
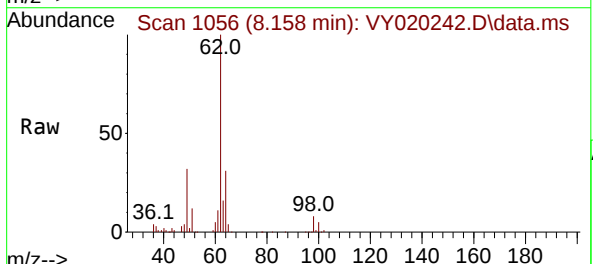
Instrument :
MSVOA_Y
ClientSampleId :

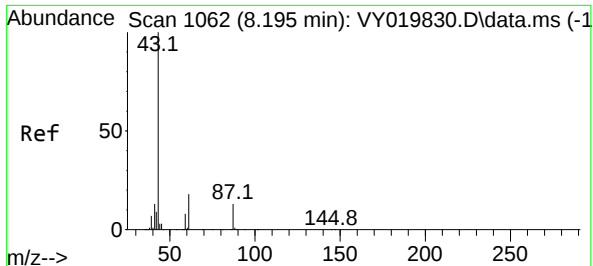
Tgt Ion:	41	Resp:	20142
Ion	Ratio	Lower	Upper
41	100		
39	55.4	48.0	72.0
67	85.5	75.1	112.7
52	38.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.441 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion:	62	Resp:	74858
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 20.678 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

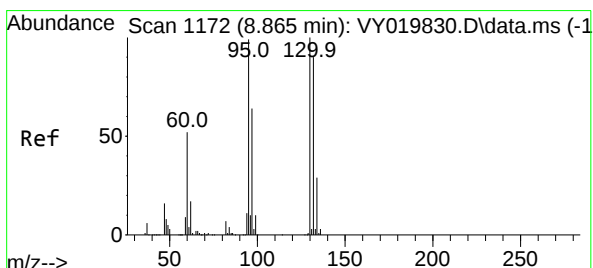
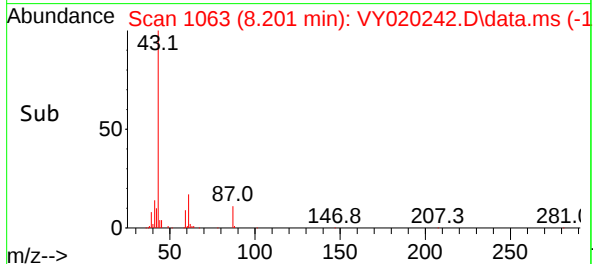
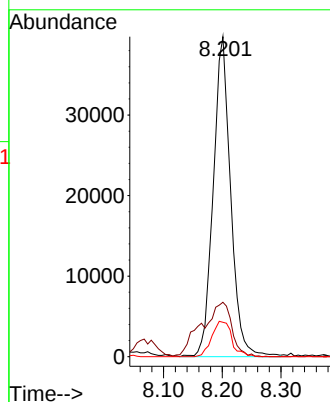
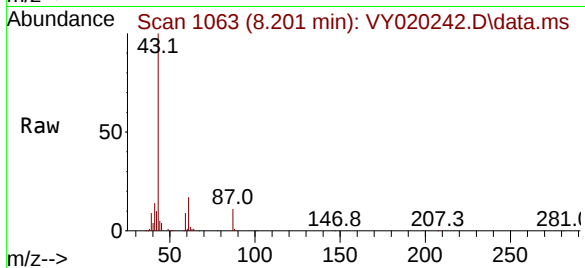
Tgt Ion: 43 Resp: 81921

Ion Ratio Lower Upper

43 100

61 29.4 27.9 41.9

87 12.7 13.1 19.7#



#44

Trichloroethene

Concen: 20.563 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020242.D

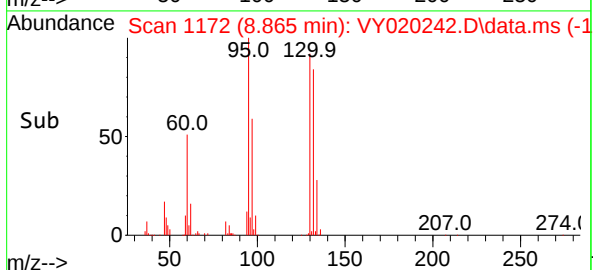
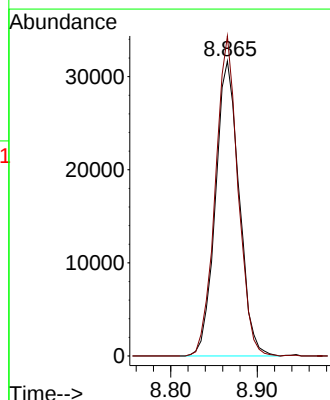
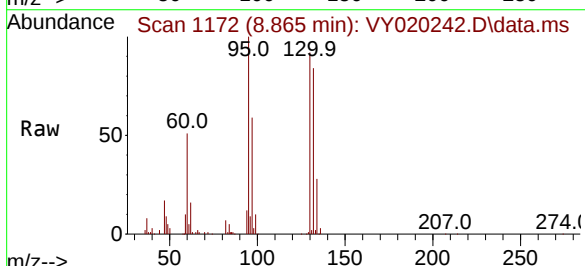
Acq: 11 Nov 2024 12:38

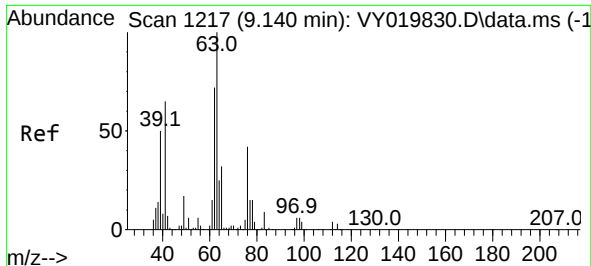
Tgt Ion:130 Resp: 60113

Ion Ratio Lower Upper

130 100

95 108.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.109 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

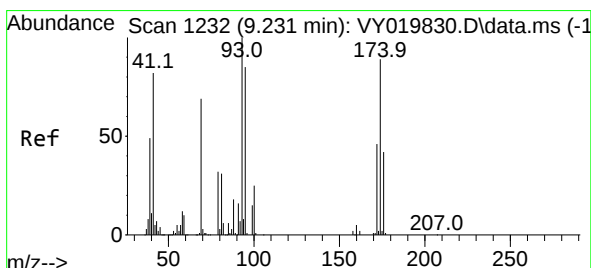
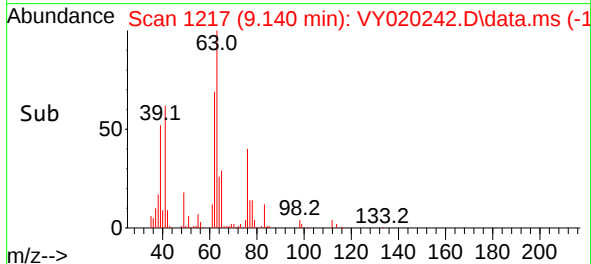
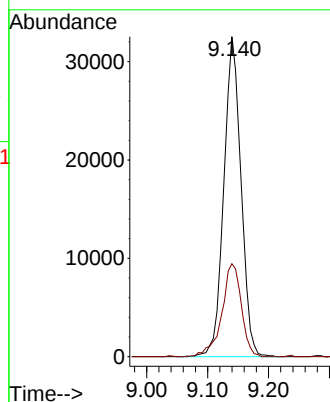
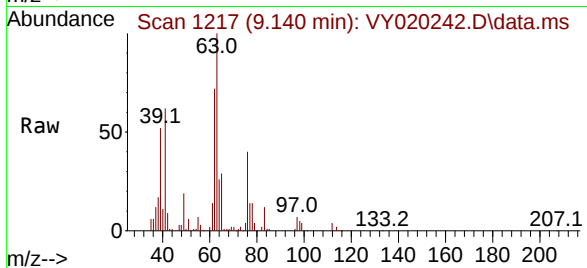
ClientSampleId :

Tgt Ion: 63 Resp: 63700

Ion Ratio Lower Upper

63 100

65 29.1 25.4 38.2



#46

Dibromomethane

Concen: 20.957 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

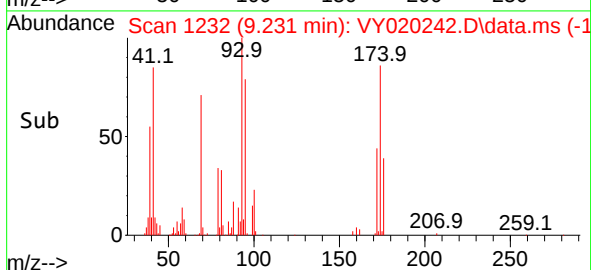
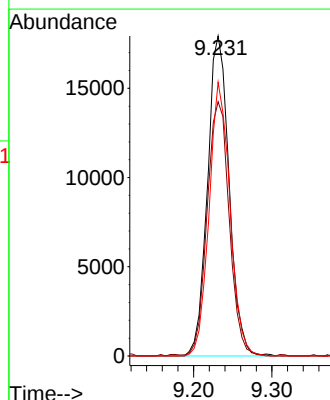
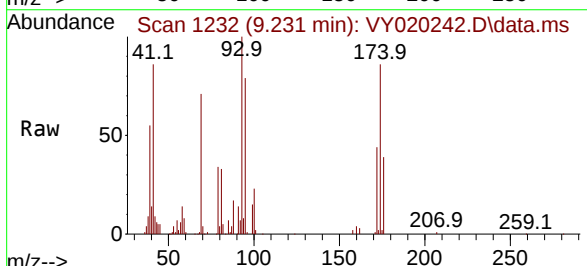
Tgt Ion: 93 Resp: 34267

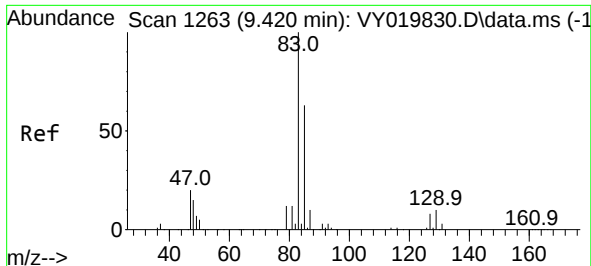
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 82.7 80.9 121.3

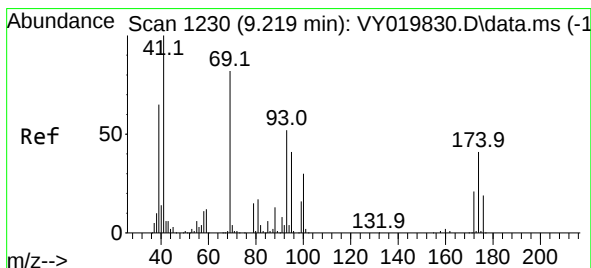
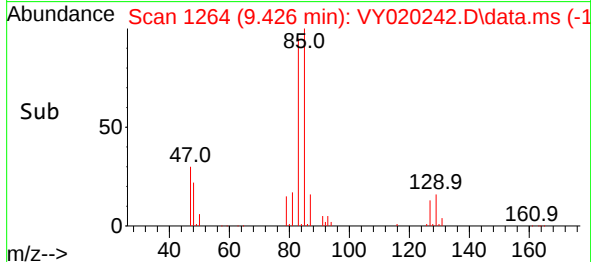
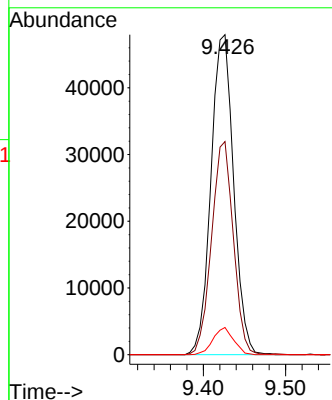
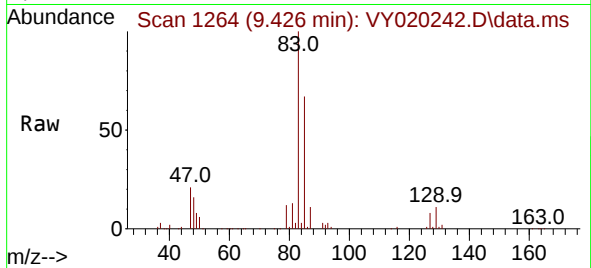




#47
Bromodichloromethane
Concen: 21.396 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

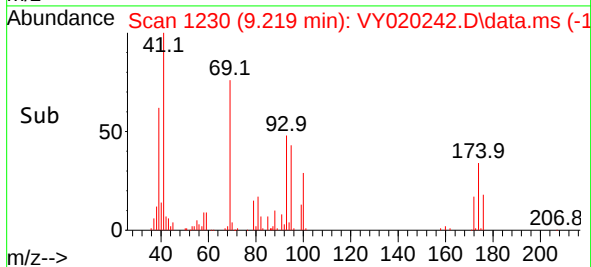
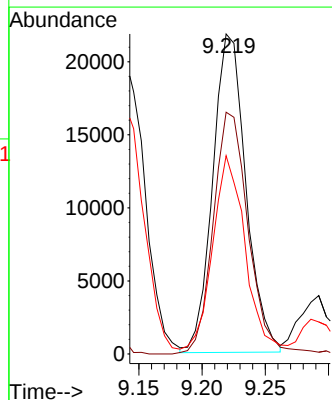
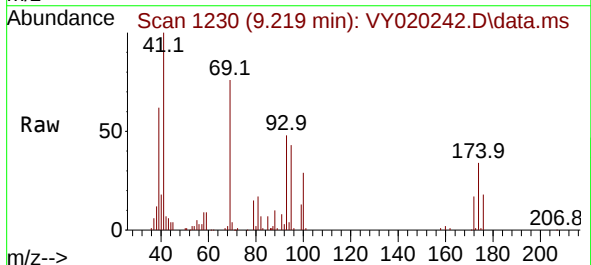
Instrument :
MSVOA_Y
ClientSampleId :

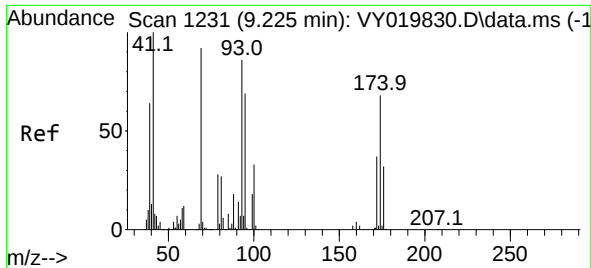
Tgt Ion: 83 Resp: 91653
Ion Ratio Lower Upper
83 100
85 66.6 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 21.660 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 41 Resp: 39748
Ion Ratio Lower Upper
41 100
69 80.3 84.1 126.1#
39 58.8 43.6 65.4





#49

1,4-Dioxane

Concen: 436.780 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

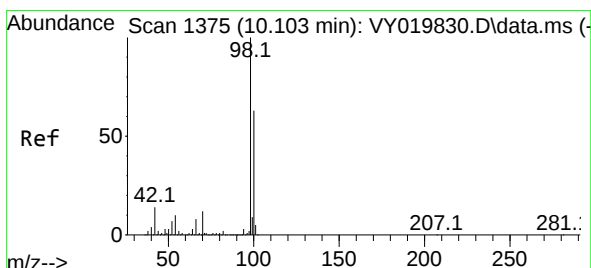
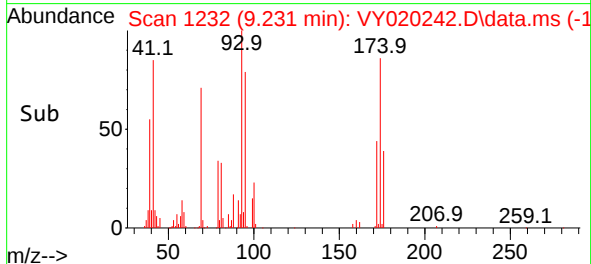
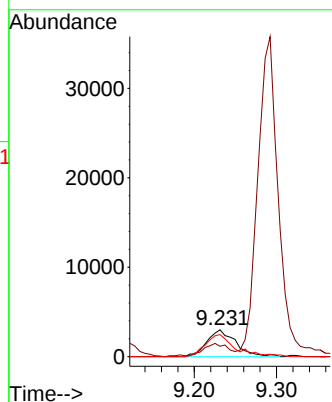
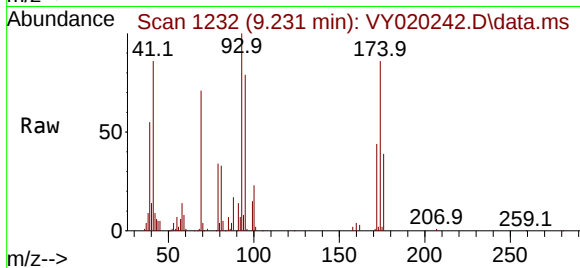
Tgt Ion: 88 Resp: 7353

Ion Ratio Lower Upper

88 100

43 45.4 0.0 0.0#

58 84.5 49.3 73.9#



#50

Toluene-d8

Concen: 50.246 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020242.D

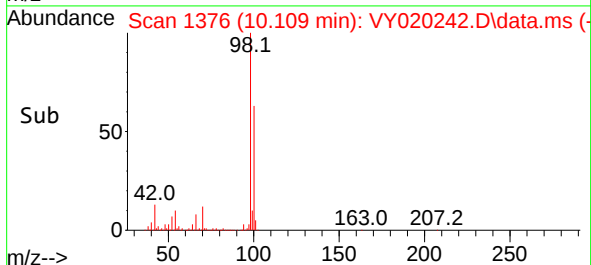
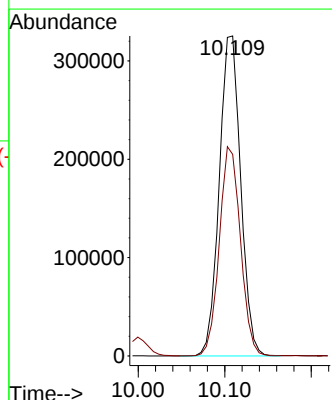
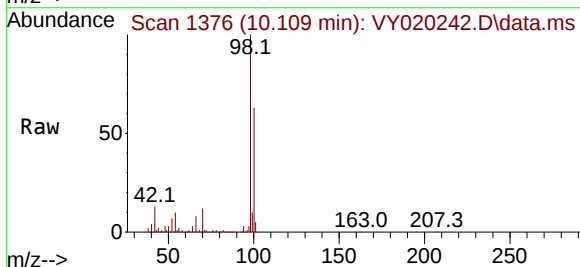
Acq: 11 Nov 2024 12:38

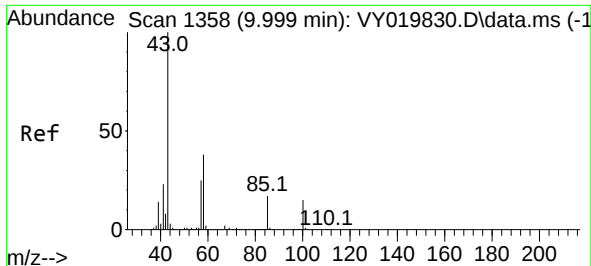
Tgt Ion: 98 Resp: 559481

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

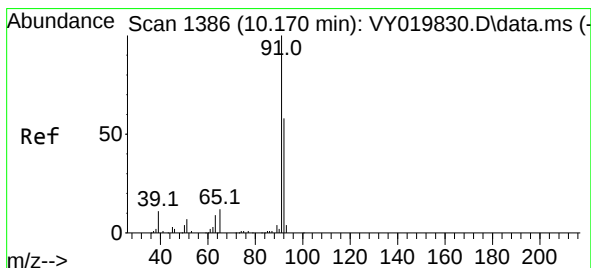
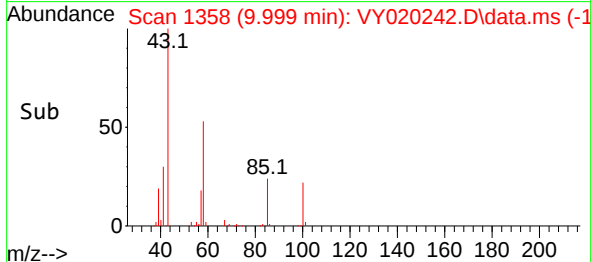
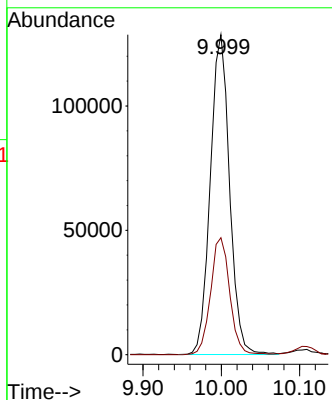
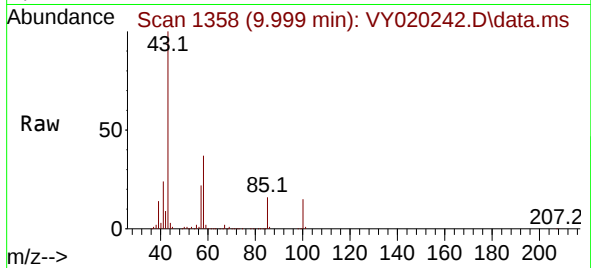




#51
4-Methyl-2-Pentanone
Concen: 107.600 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

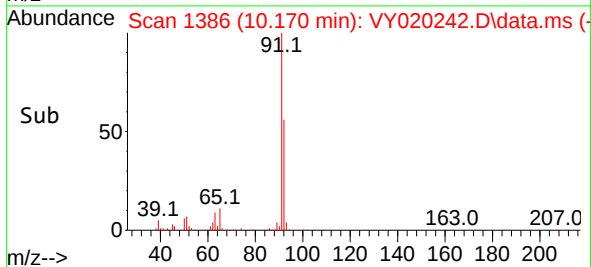
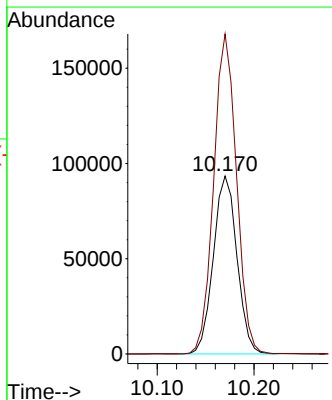
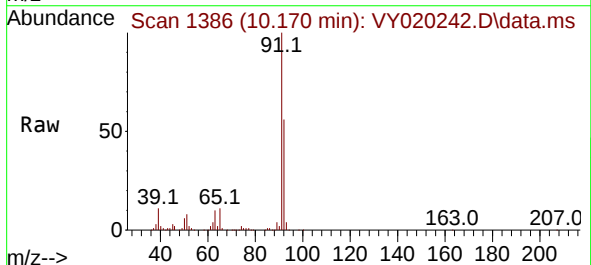
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 219654
Ion Ratio Lower Upper
43 100
58 36.4 35.7 53.5



#52
Toluene
Concen: 20.366 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 92 Resp: 158349
Ion Ratio Lower Upper
92 100
91 174.0 139.0 208.6

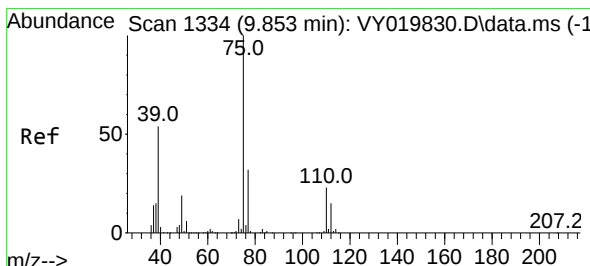
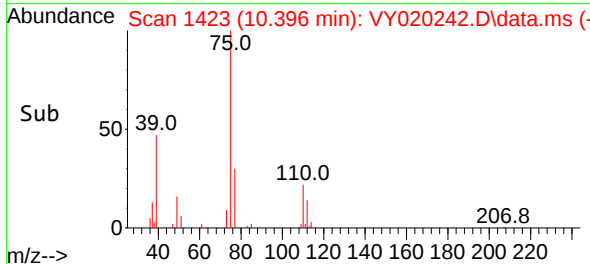
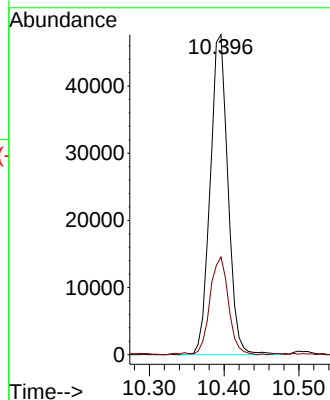
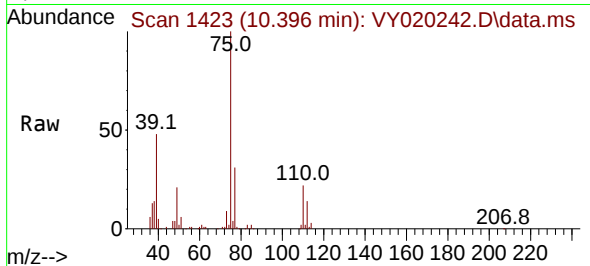




#53
 t-1,3-Dichloropropene
 Concen: 20.761 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020242.D
 Acq: 11 Nov 2024 12:38

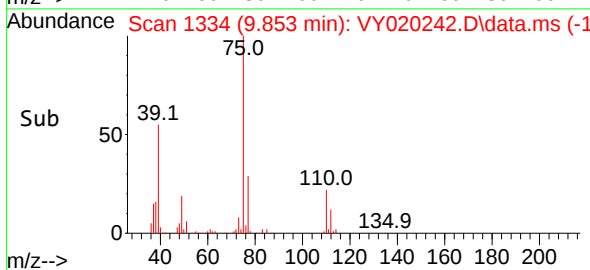
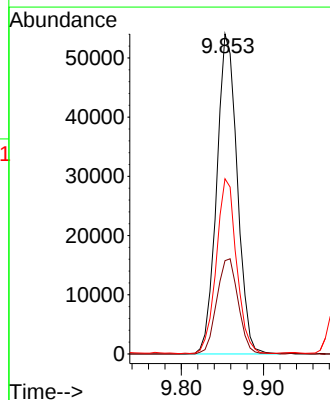
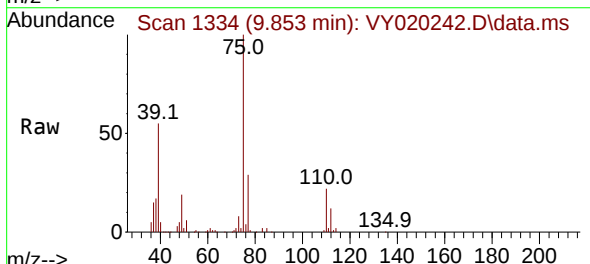
Instrument :
 MSVOA_Y
 ClientSampleId :

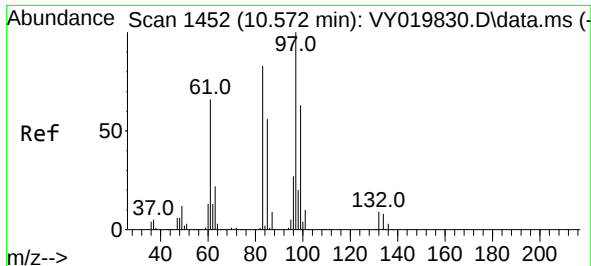
Tgt Ion: 75 Resp: 78530
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.809 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY020242.D
 Acq: 11 Nov 2024 12:38

Tgt Ion: 75 Resp: 93951
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.0
 39 54.7 29.8 44.6#

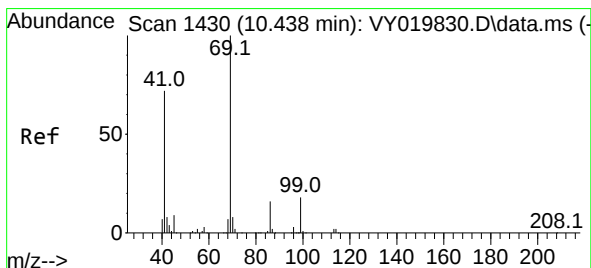
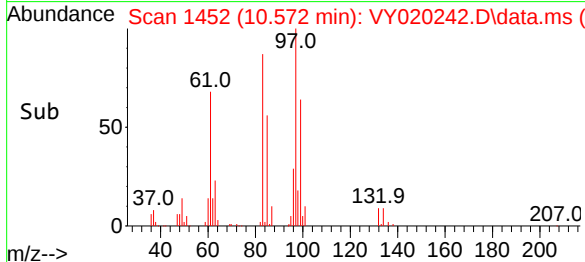
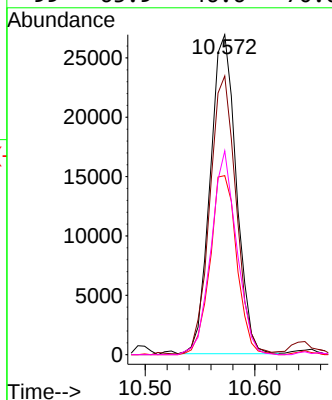
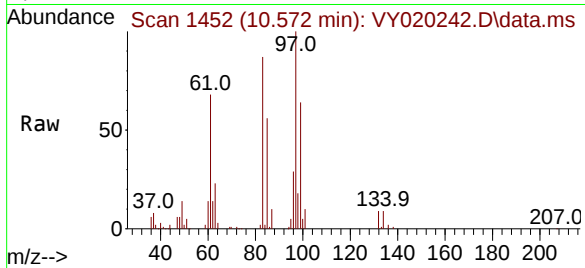




#55
1,1,2-Trichloroethane
Concen: 21.849 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

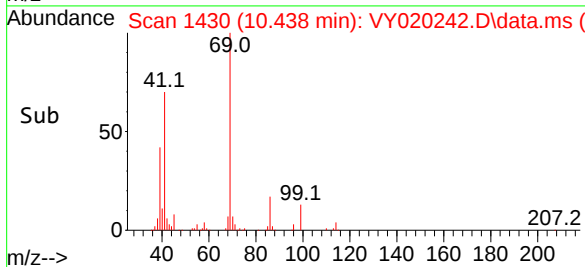
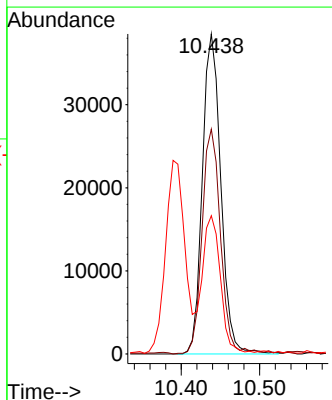
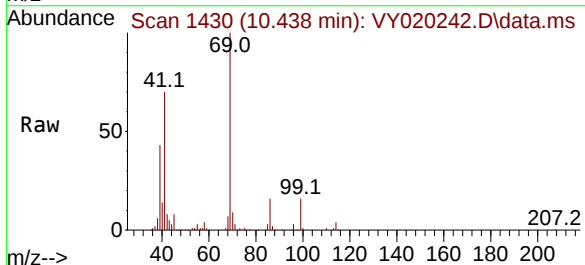
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	97	Resp:	44421
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.5	101.3
85	56.1	42.9	64.3
99	63.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 21.591 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion:	69	Resp:	62967
Ion	Ratio	Lower	Upper
69	100		
41	70.2	42.3	63.5#
39	42.6	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 21.363 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

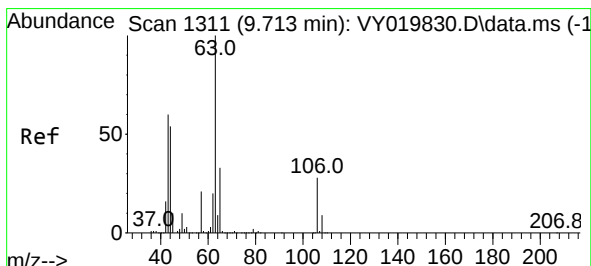
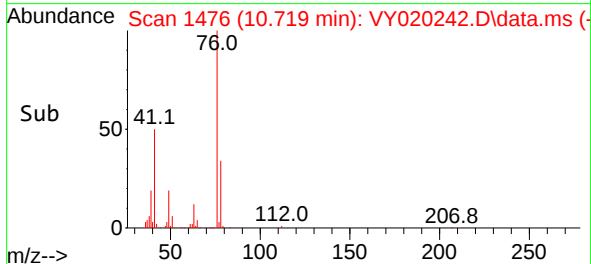
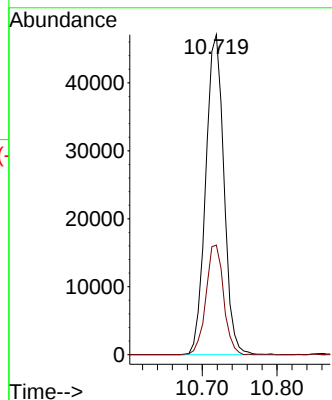
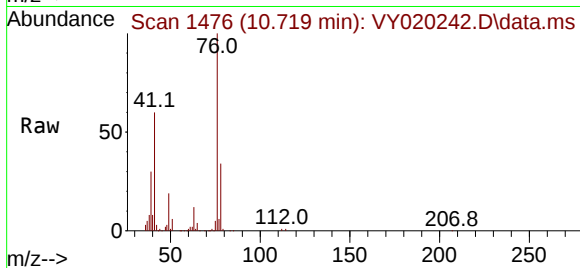
ClientSampleId :

Tgt Ion: 76 Resp: 79535

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.262 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020242.D

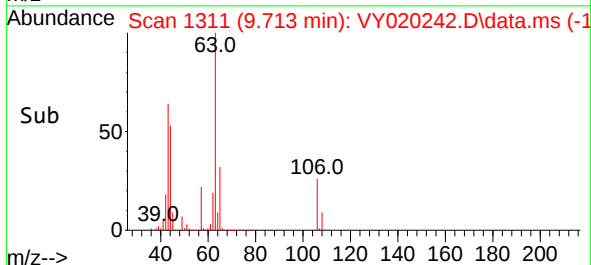
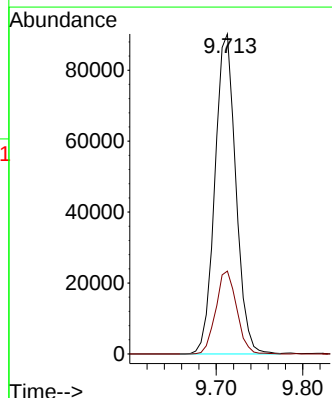
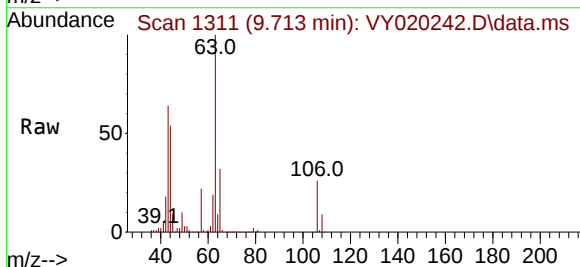
Acq: 11 Nov 2024 12:38

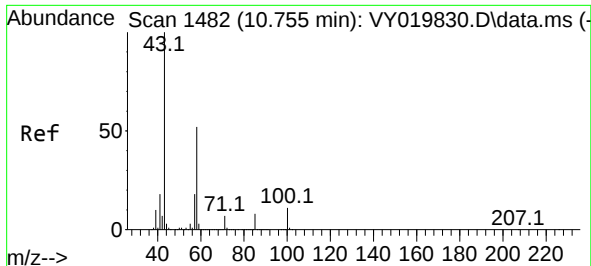
Tgt Ion: 63 Resp: 151392

Ion Ratio Lower Upper

63 100

106 25.8 23.7 35.5

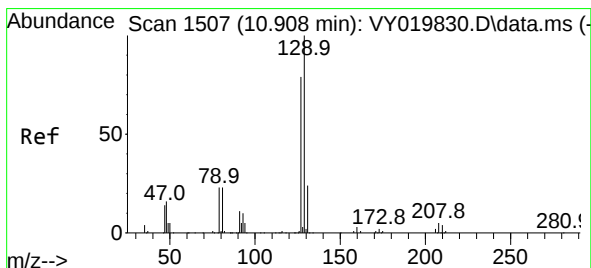
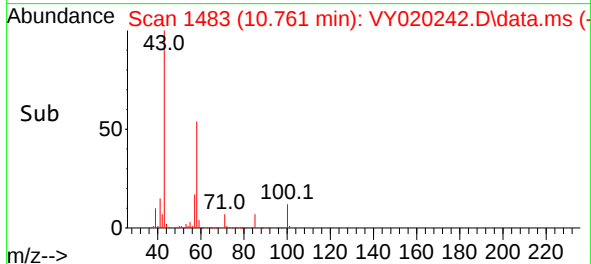
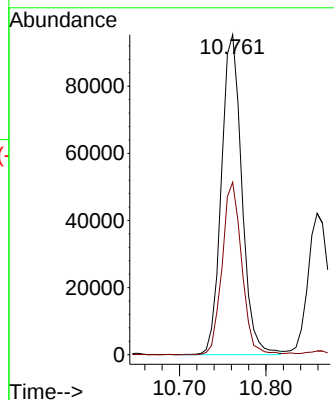
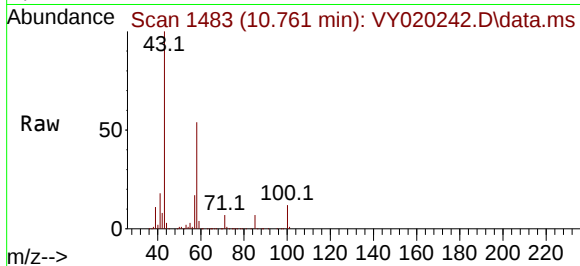




#59
2-Hexanone
Concen: 106.678 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

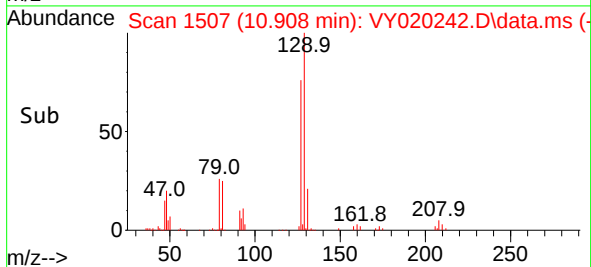
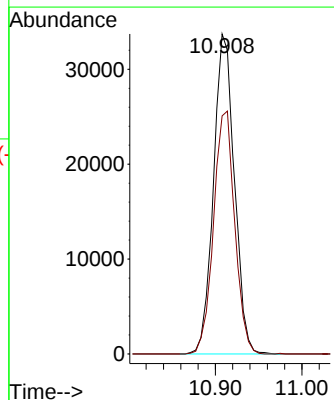
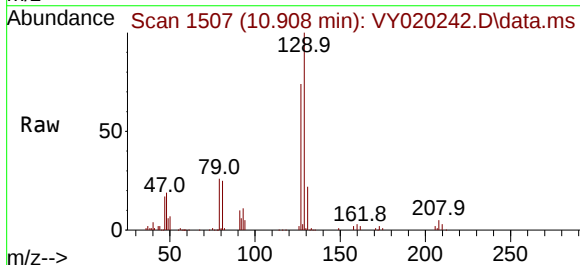
Instrument :
MSVOA_Y
ClientSampleId :

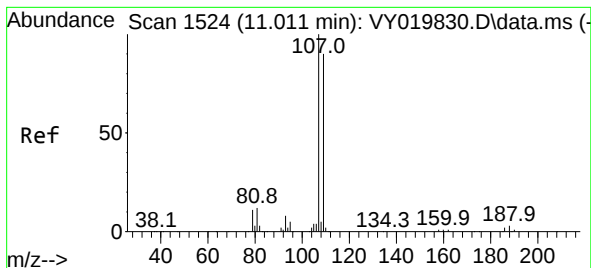
Tgt Ion: 43 Resp: 156126
Ion Ratio Lower Upper
43 100
58 51.7 31.4 94.0



#60
Dibromochloromethane
Concen: 21.811 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 129 Resp: 56524
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

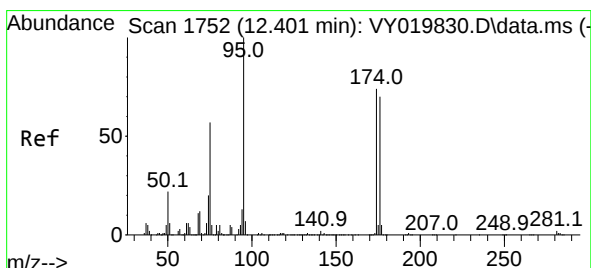
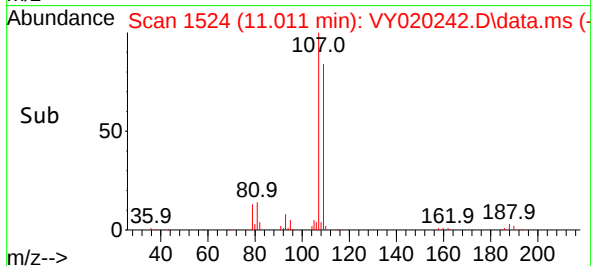
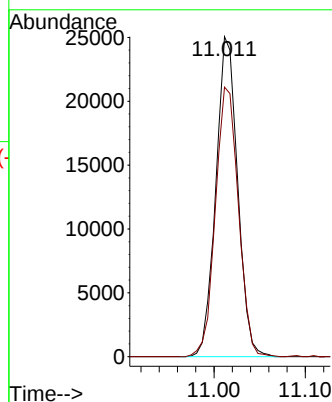
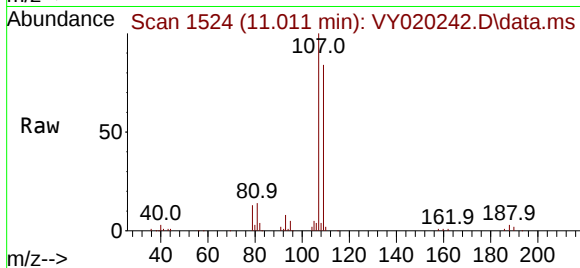




#61
1,2-Dibromoethane
Concen: 22.007 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

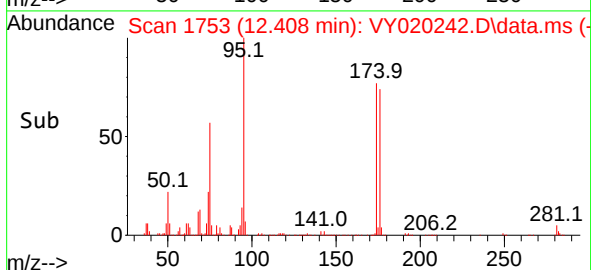
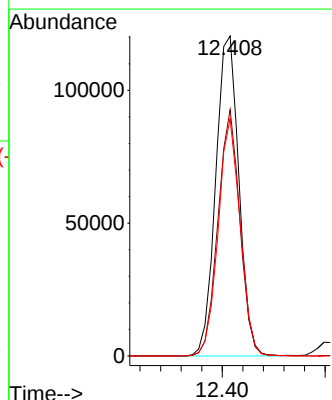
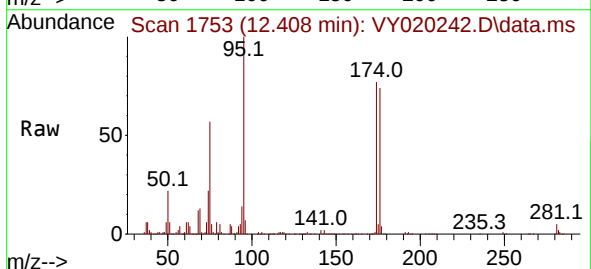
Instrument :
MSVOA_Y
ClientSampleId :

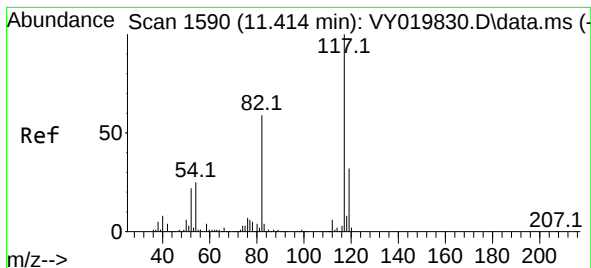
Tgt Ion:107 Resp: 41567
Ion Ratio Lower Upper
107 100
109 88.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.953 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 95 Resp: 187901
Ion Ratio Lower Upper
95 100
174 73.0 0.0 175.6
176 70.4 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: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

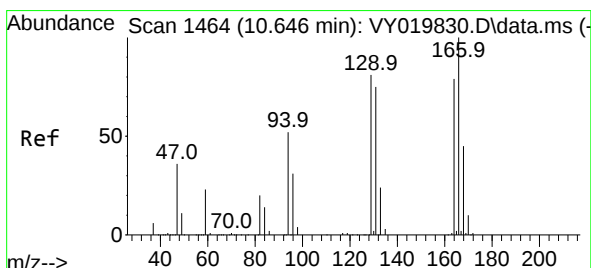
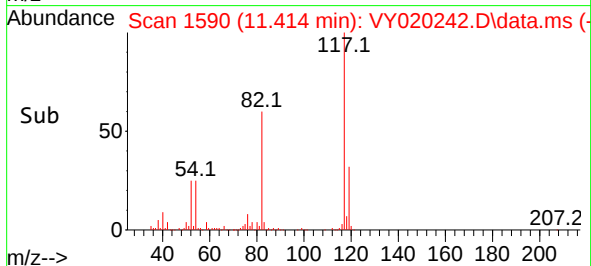
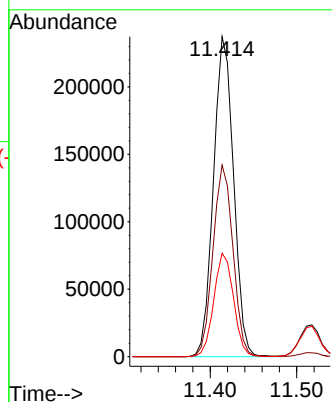
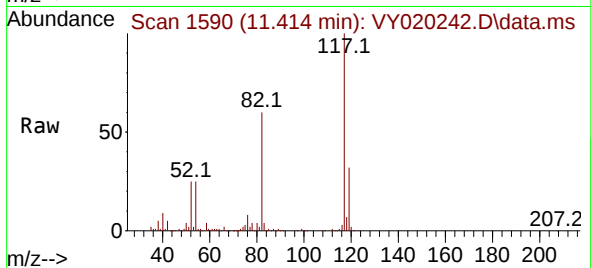
Tgt Ion:117 Resp: 382582

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 21.475 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Tgt Ion:164 Resp: 54248

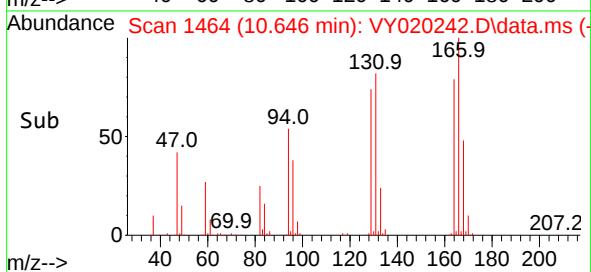
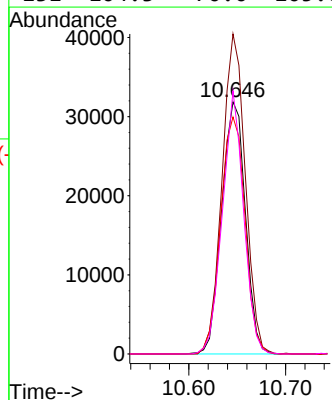
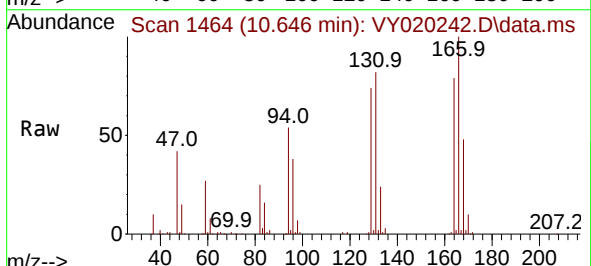
Ion Ratio Lower Upper

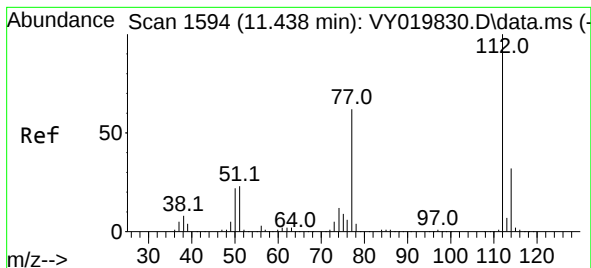
164 100

166 126.9 102.6 154.0

129 94.0 72.0 108.0

131 104.3 70.0 105.0

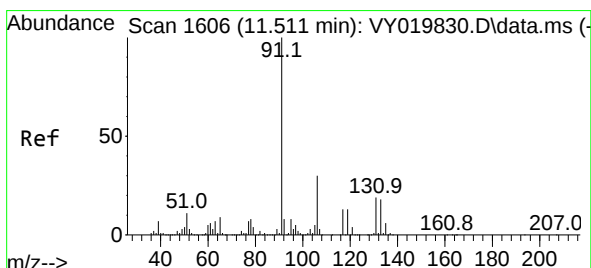
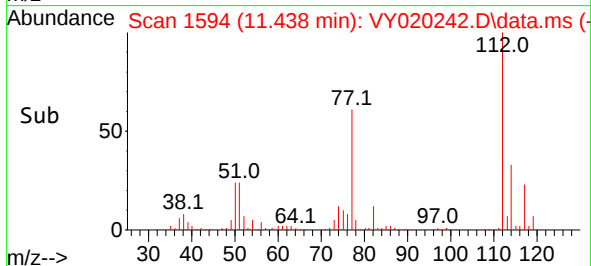
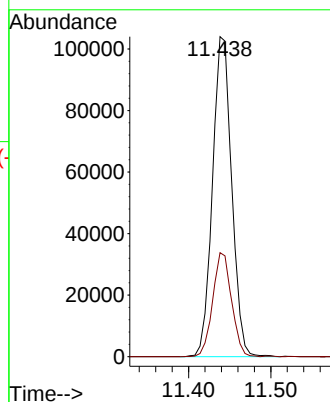
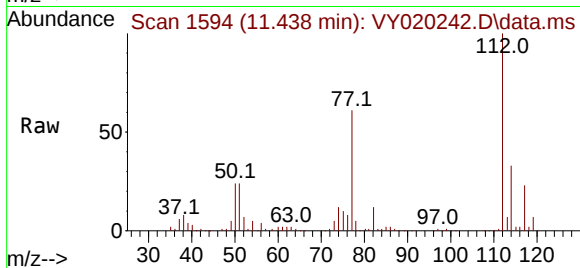




#65
Chlorobenzene
Concen: 20.681 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

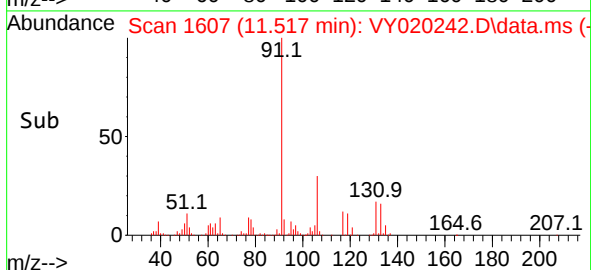
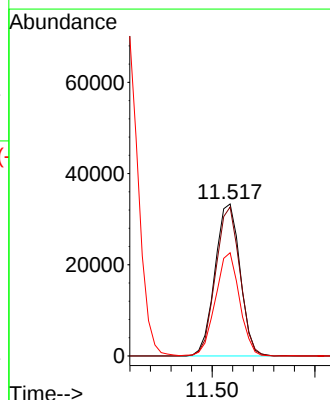
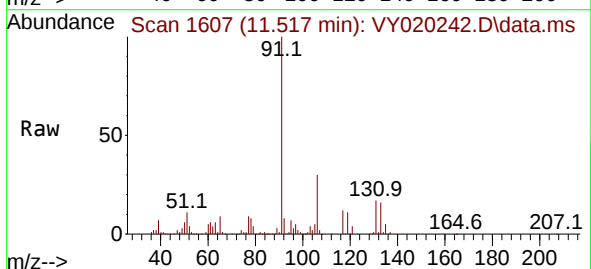
Instrument :
MSVOA_Y
ClientSampleId :

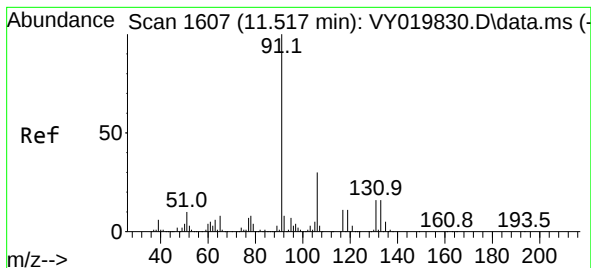
Tgt Ion:112 Resp: 168588
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.679 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion:131 Resp: 56463
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 20.008 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

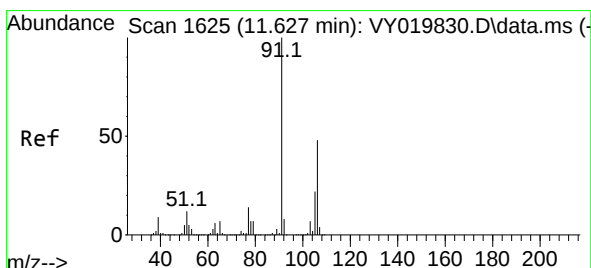
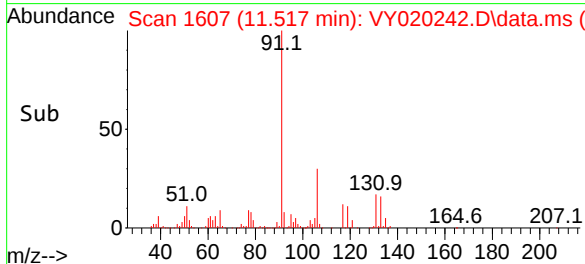
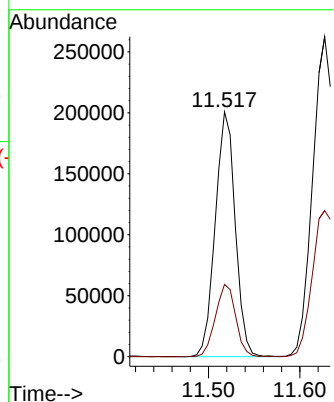
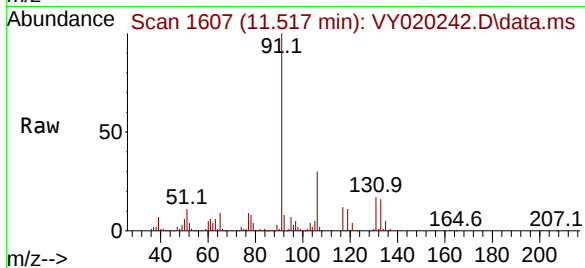
ClientSampleId :

Tgt Ion: 91 Resp: 304891

Ion Ratio Lower Upper

91 100

106 29.6 24.5 36.7



#68

m/p-Xylenes

Concen: 40.896 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020242.D

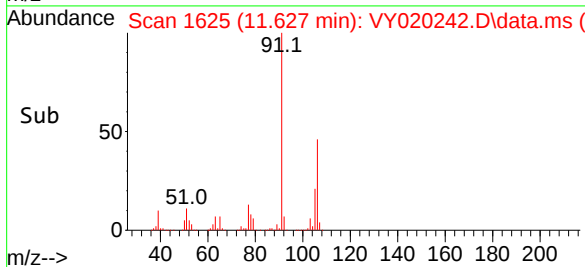
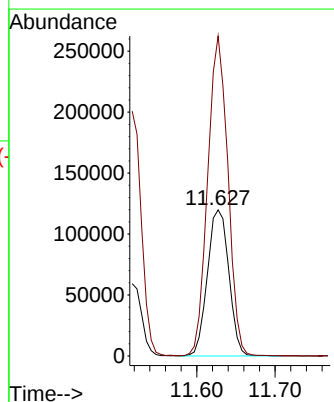
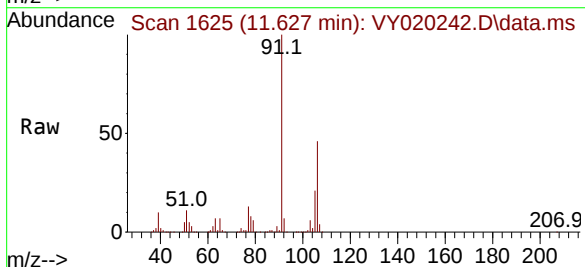
Acq: 11 Nov 2024 12:38

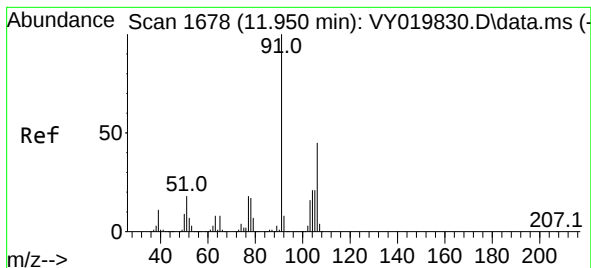
Tgt Ion:106 Resp: 228007

Ion Ratio Lower Upper

106 100

91 206.1 156.0 234.0





#69

o-Xylene

Concen: 20.262 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

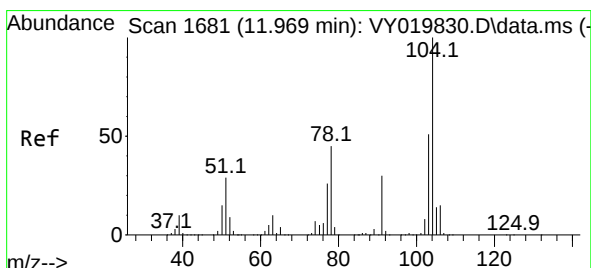
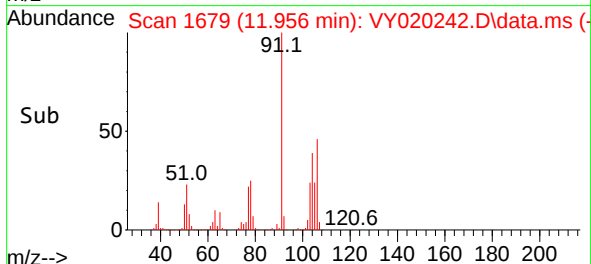
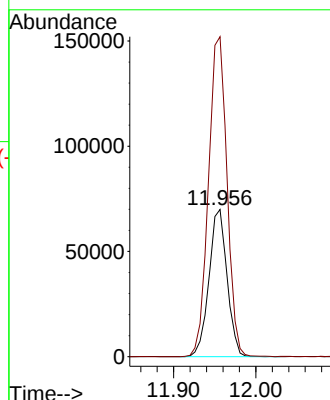
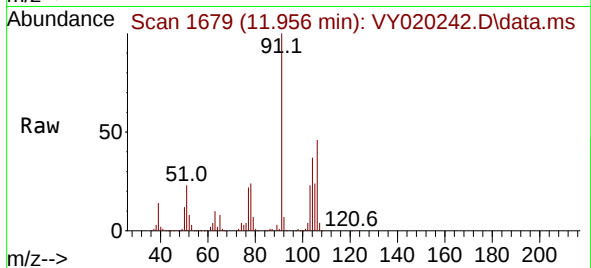
ClientSampleId :

Tgt Ion:106 Resp: 106954

Ion Ratio Lower Upper

106 100

91 223.0 103.6 310.8



#70

Styrene

Concen: 20.578 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

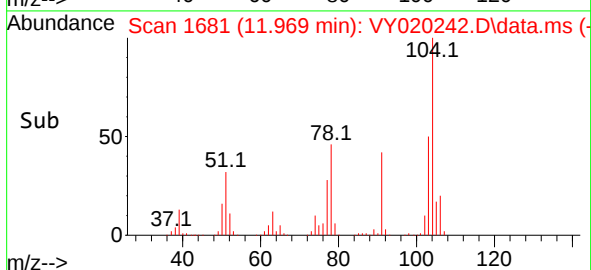
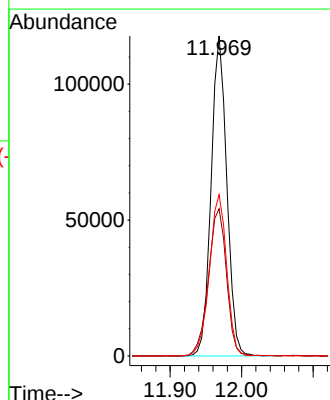
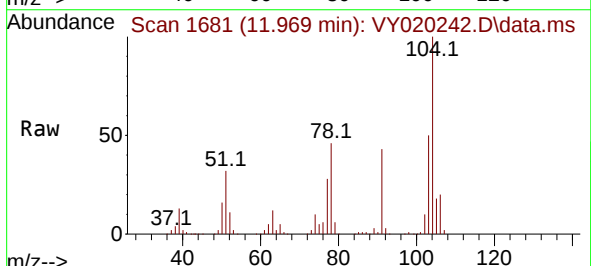
Tgt Ion:104 Resp: 179597

Ion Ratio Lower Upper

104 100

78 53.0 37.0 55.4

103 55.5 44.2 66.2





#71

Bromoform

Concen: 22.052 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020242.D

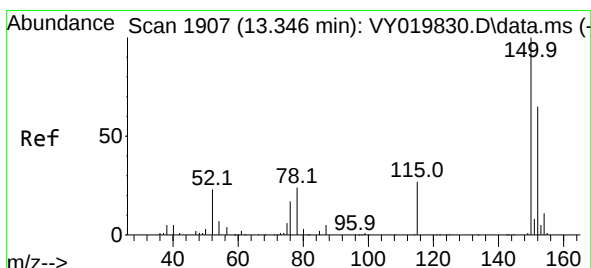
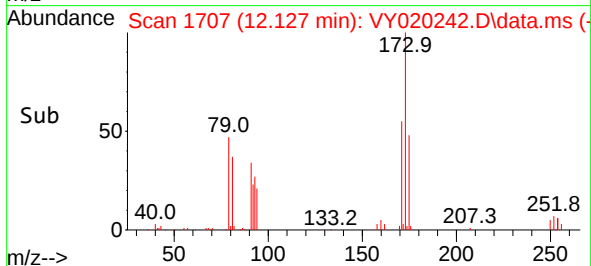
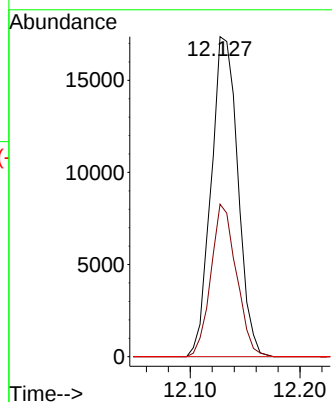
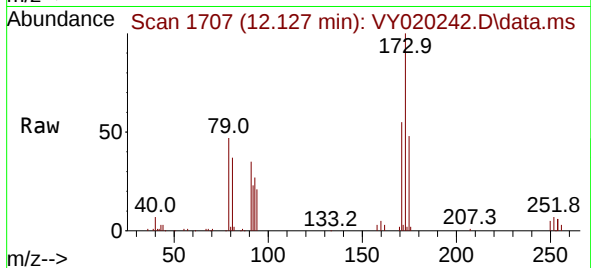
Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	29464
Ion Ratio	Lower	Upper
173	100	
175	45.5	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

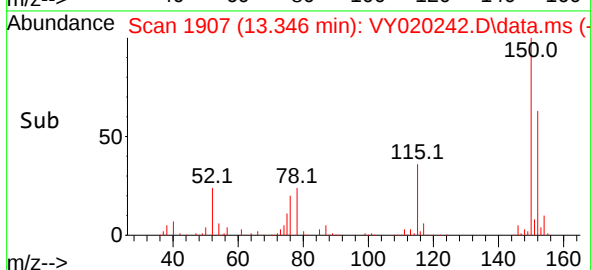
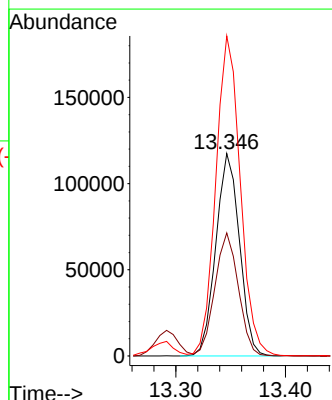
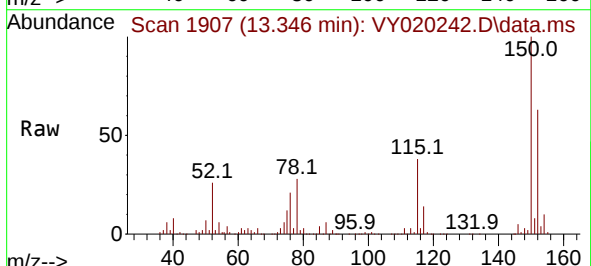
RT: 13.346 min Scan# 1907

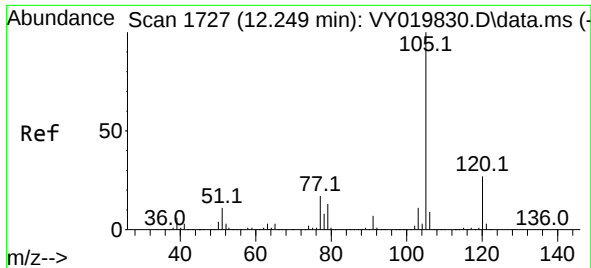
Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Tgt Ion:152	Resp:	176083
Ion Ratio	Lower	Upper
152	100	
115	60.7	28.2 84.7
150	163.8	0.0 345.6

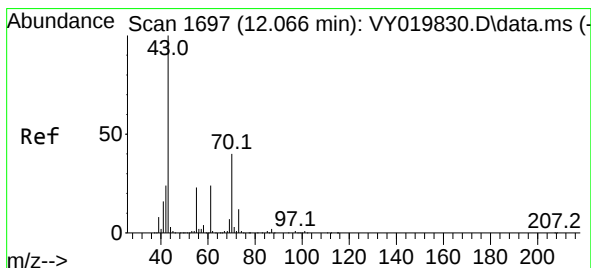
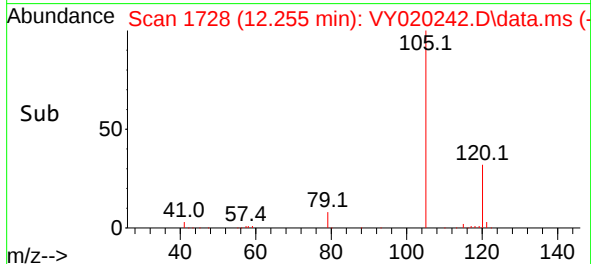
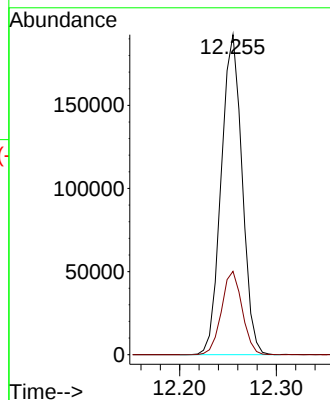
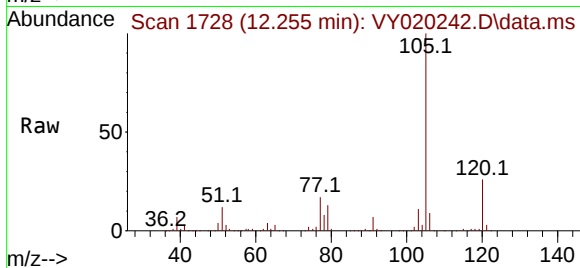




#73
Isopropylbenzene
Concen: 20.499 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

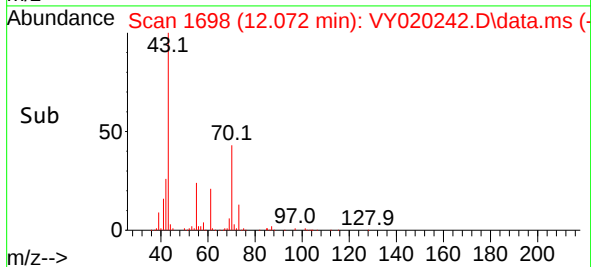
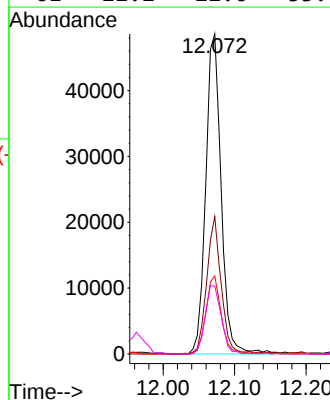
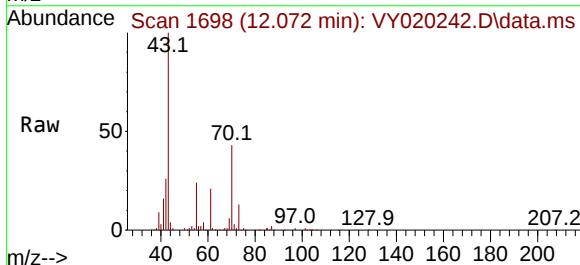
Instrument :
MSVOA_Y
ClientSampleId :

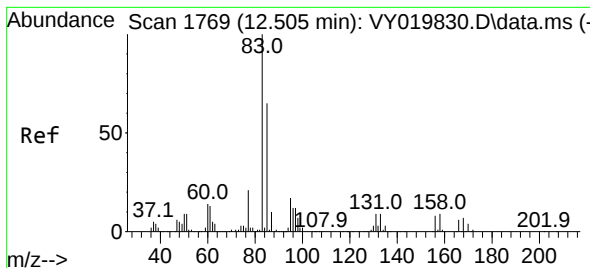
Tgt Ion:105 Resp: 288342
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 20.750 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 43 Resp: 72961
Ion Ratio Lower Upper
43 100
70 40.5 41.4 62.2#
55 24.2 23.3 34.9
61 22.2 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.849 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

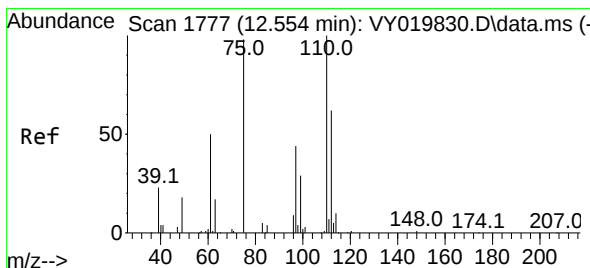
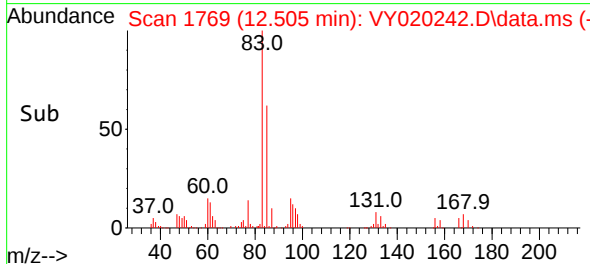
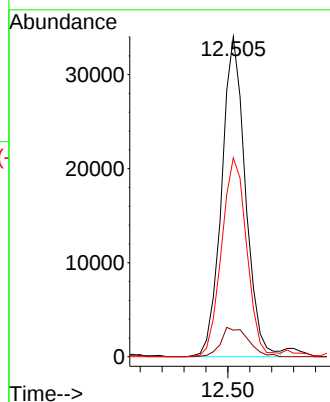
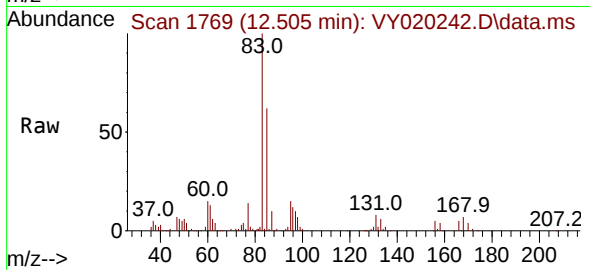
Tgt Ion: 83 Resp: 51290

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 65.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 40.518 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020242.D

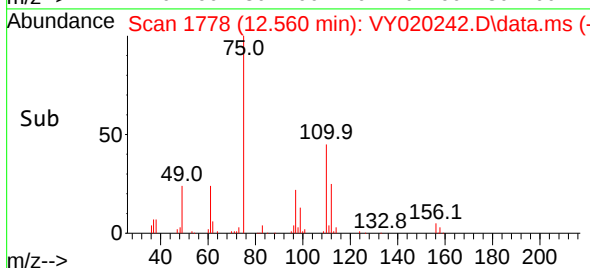
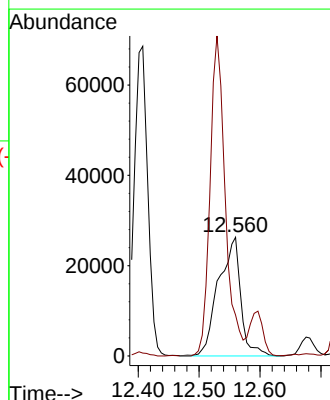
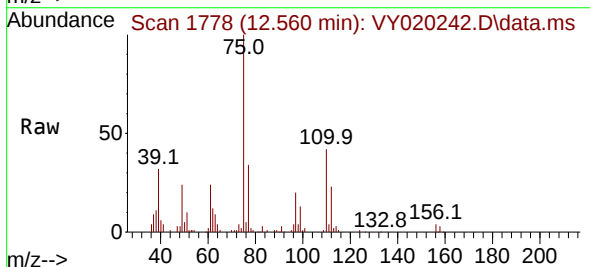
Acq: 11 Nov 2024 12:38

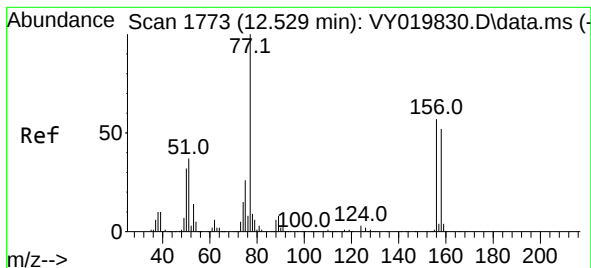
Tgt Ion: 75 Resp: 66879

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.785 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

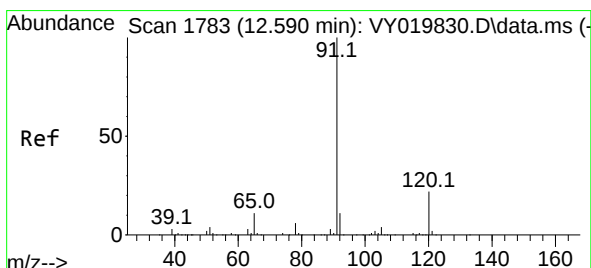
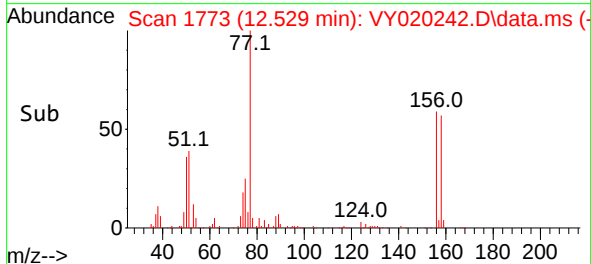
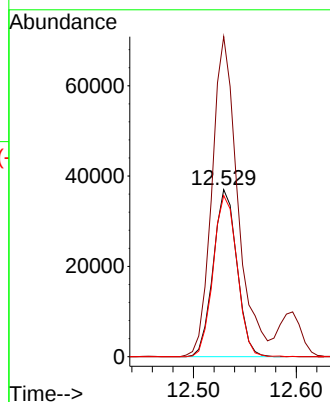
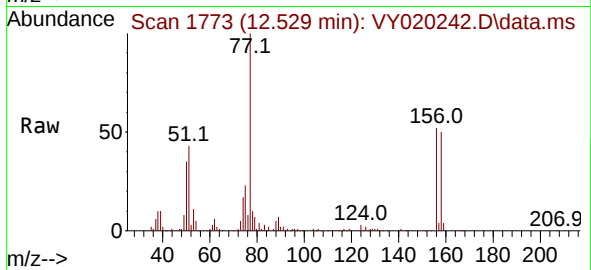
Tgt Ion:156 Resp: 59129

Ion Ratio Lower Upper

156 100

77 208.1 87.1 261.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.262 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020242.D

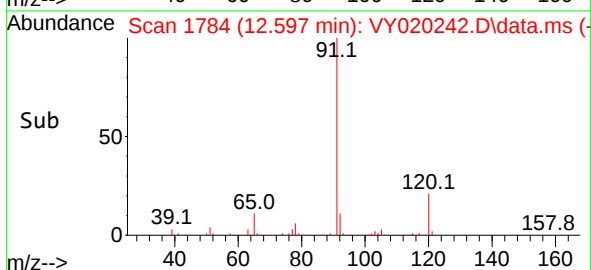
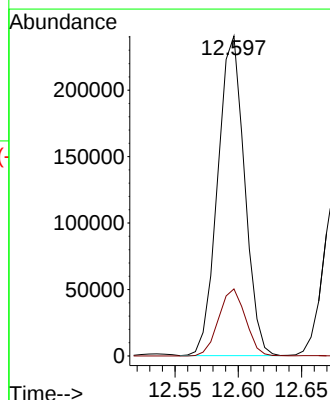
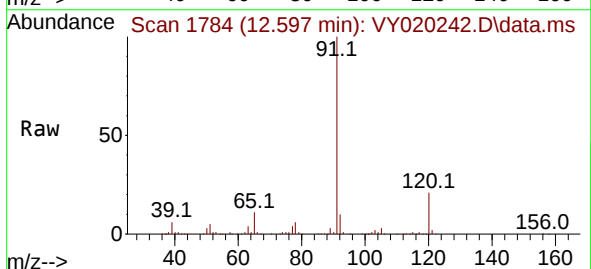
Acq: 11 Nov 2024 12:38

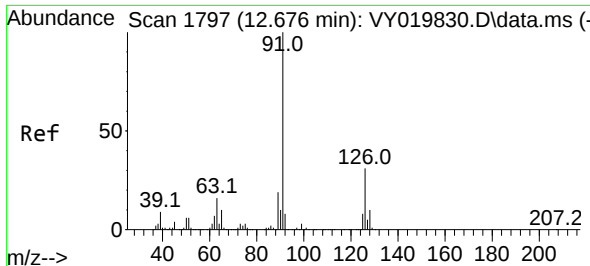
Tgt Ion: 91 Resp: 354720

Ion Ratio Lower Upper

91 100

120 20.9 11.5 34.4

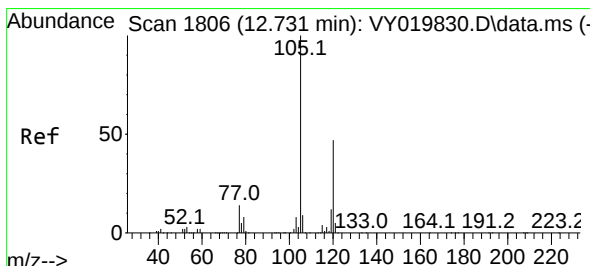
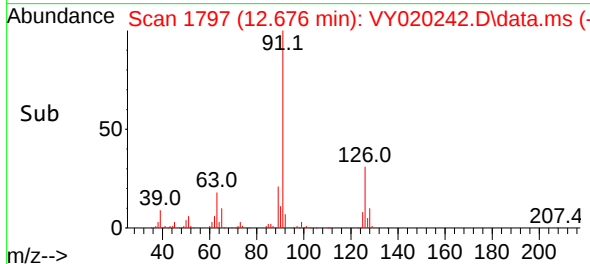
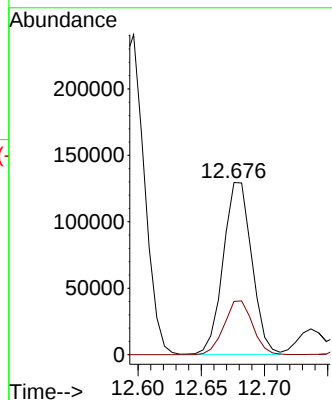
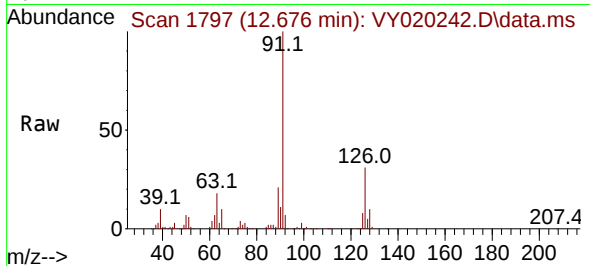




#79
2-Chlorotoluene
Concen: 20.955 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

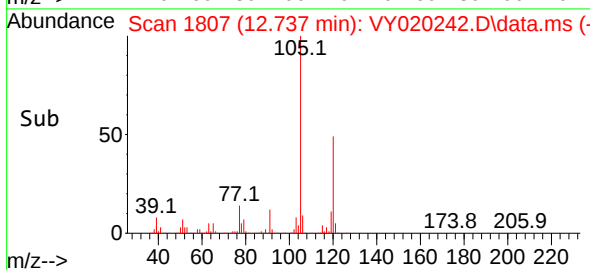
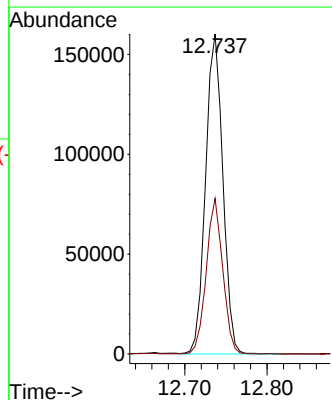
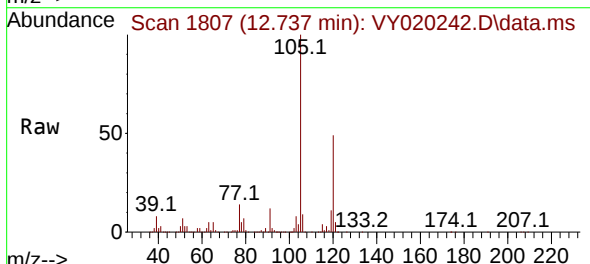
Instrument :
MSVOA_Y
ClientSampleId :

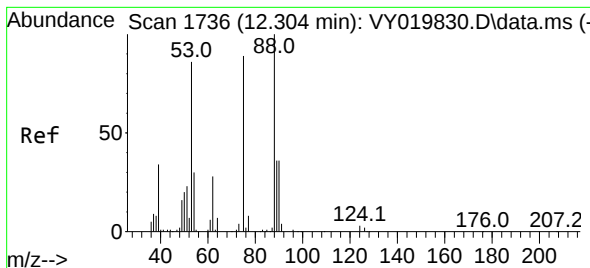
Tgt Ion: 91 Resp: 203629
Ion Ratio Lower Upper
91 100
126 31.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.713 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 105 Resp: 233908
Ion Ratio Lower Upper
105 100
120 46.4 25.1 75.2

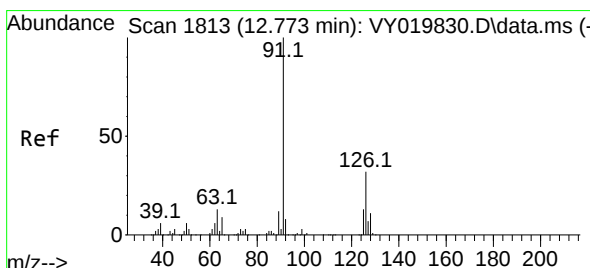
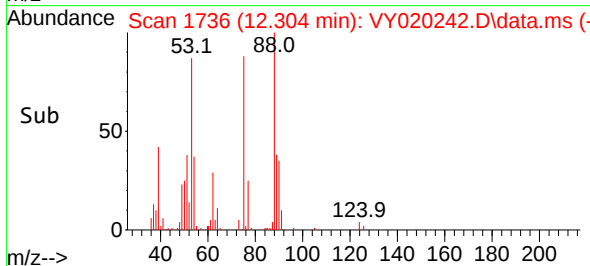
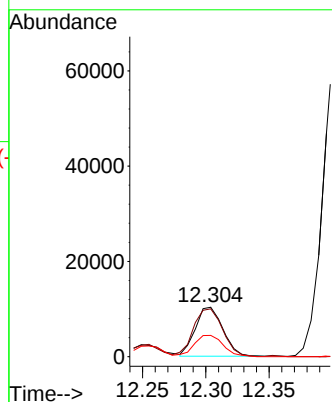
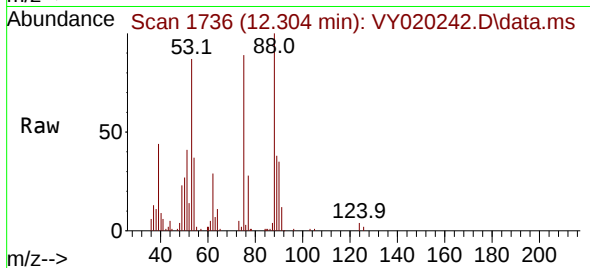




#81
trans-1,4-Dichloro-2-butene
Concen: 20.255 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

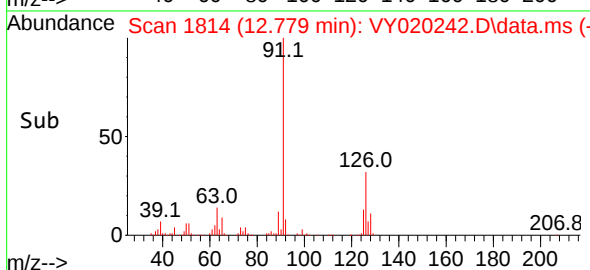
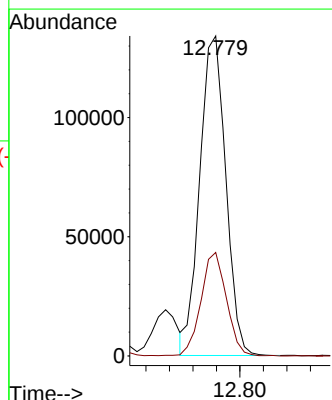
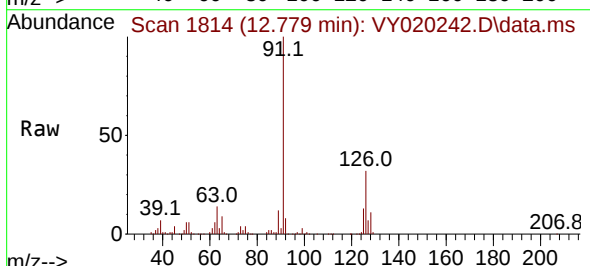
Instrument :
MSVOA_Y
ClientSampleId :

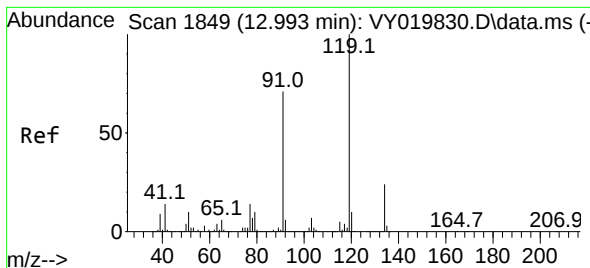
Tgt Ion: 75 Resp: 15543
Ion Ratio Lower Upper
75 100
53 103.2 66.8 100.2#
89 46.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.794 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 91 Resp: 206033
Ion Ratio Lower Upper
91 100
126 31.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.059 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

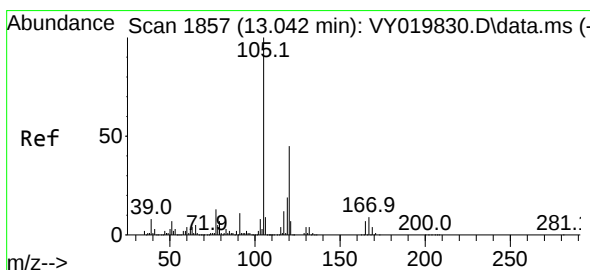
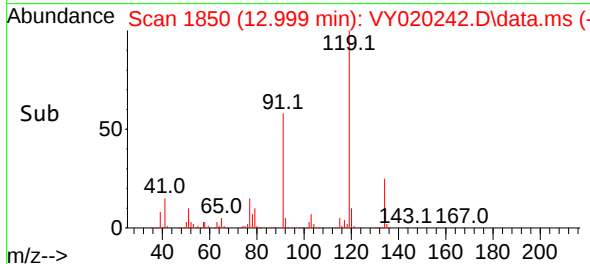
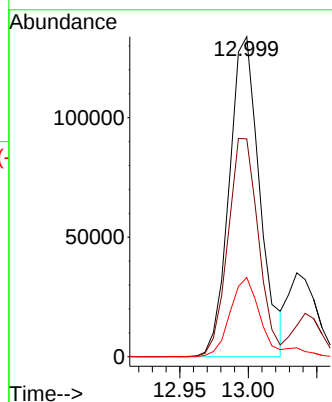
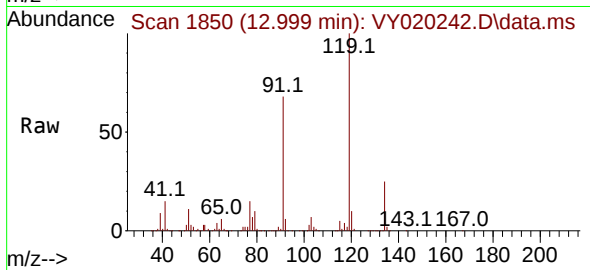
Tgt Ion:119 Resp: 207955

Ion Ratio Lower Upper

119 100

91 68.1 31.3 93.8

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.879 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020242.D

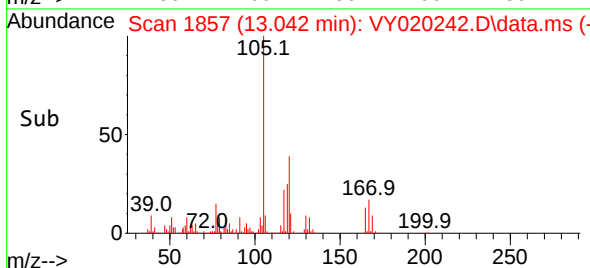
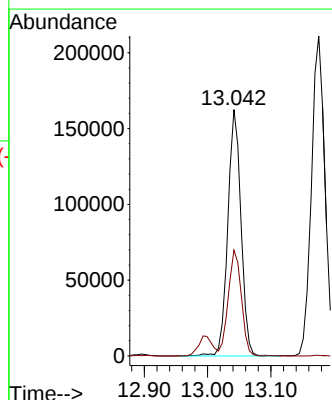
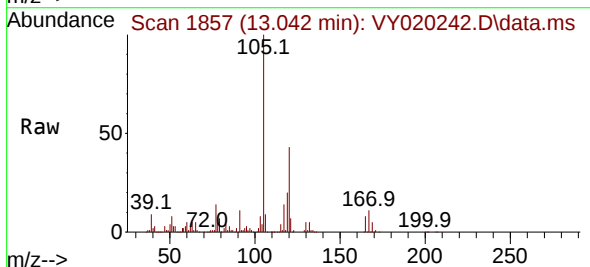
Acq: 11 Nov 2024 12:38

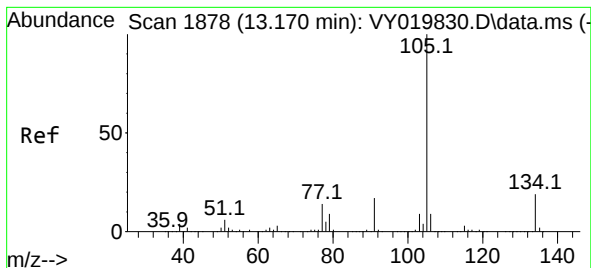
Tgt Ion:105 Resp: 233535

Ion Ratio Lower Upper

105 100

120 42.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.433 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

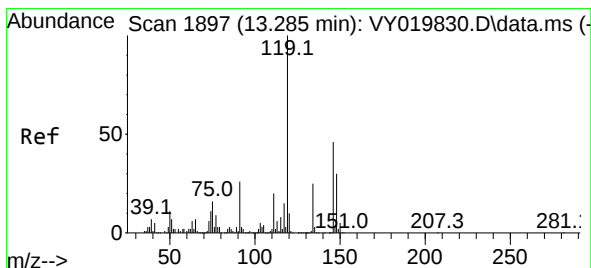
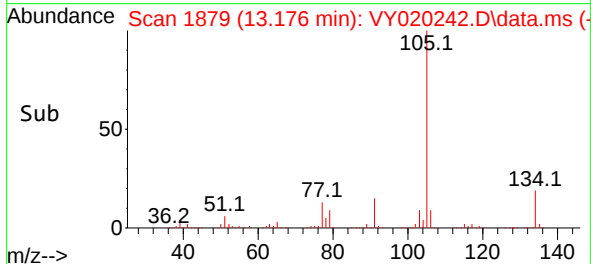
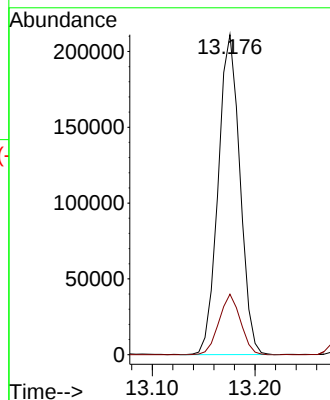
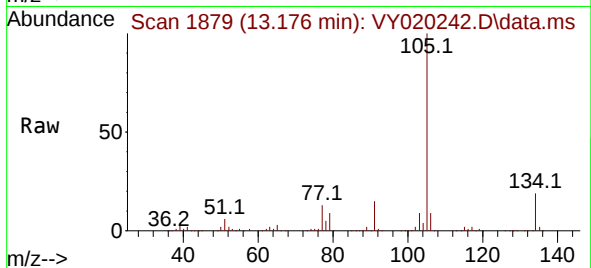
ClientSampleId :

Tgt Ion:105 Resp: 309759

Ion Ratio Lower Upper

105 100

134 18.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.093 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

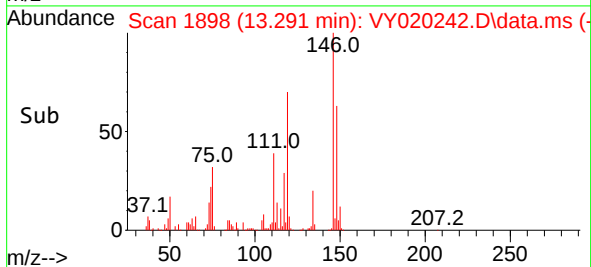
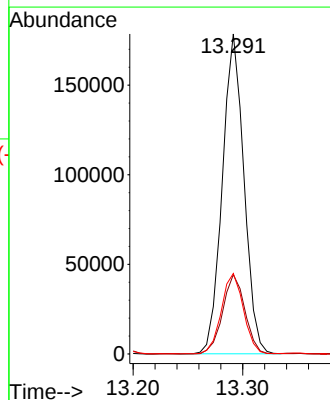
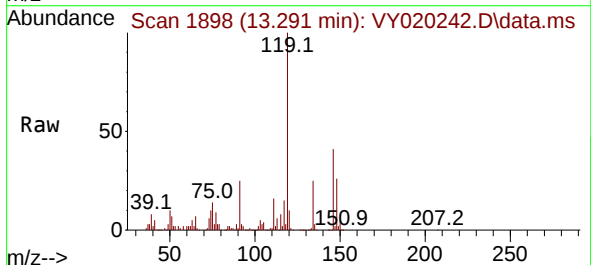
Tgt Ion:119 Resp: 244436

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 25.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.812 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

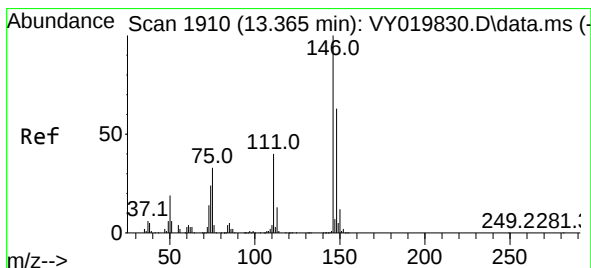
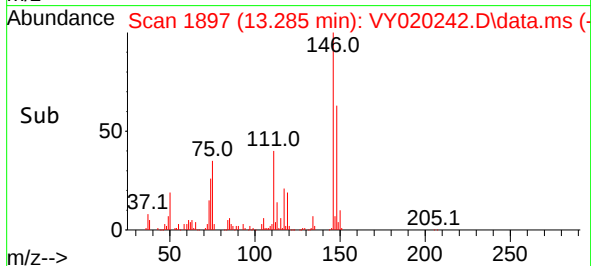
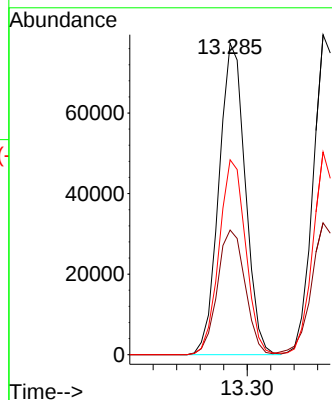
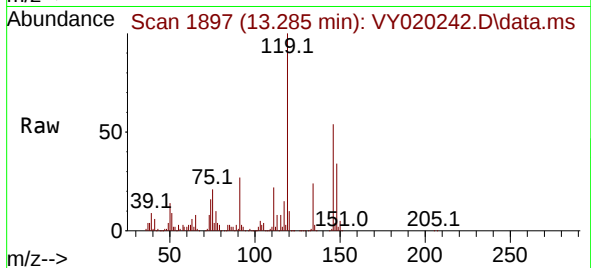
Tgt Ion:146 Resp: 120274

Ion Ratio Lower Upper

146 100

111 42.1 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.851 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

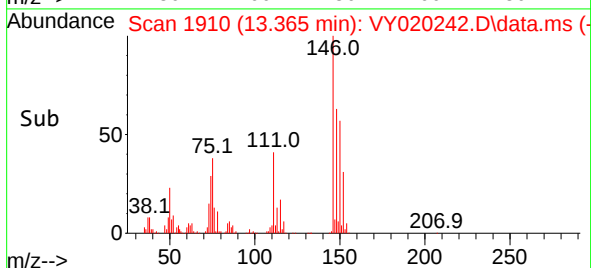
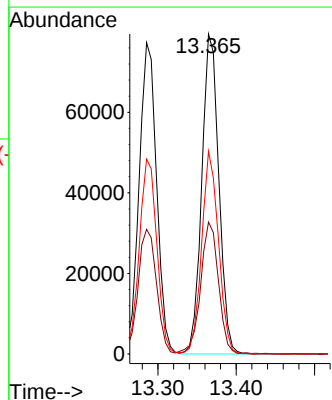
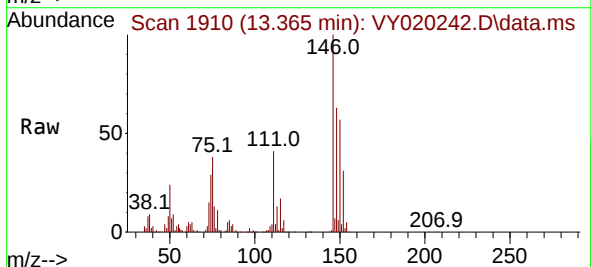
Tgt Ion:146 Resp: 120002

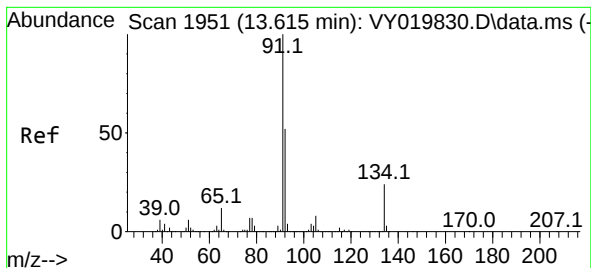
Ion Ratio Lower Upper

146 100

111 43.2 18.4 55.4

148 62.6 32.4 97.2





#89

n-Butylbenzene

Concen: 19.906 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

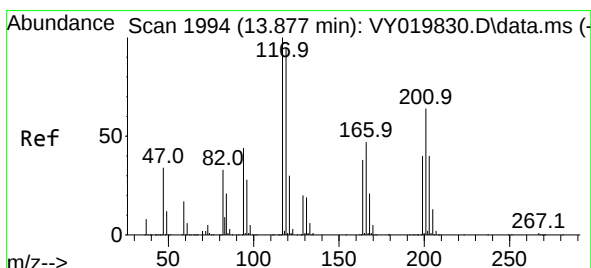
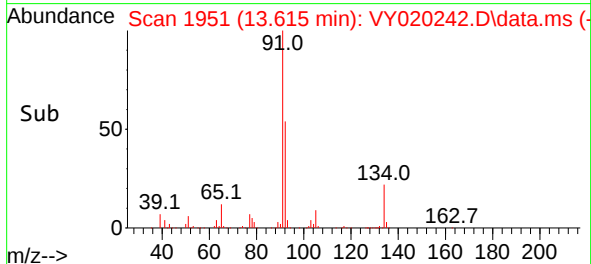
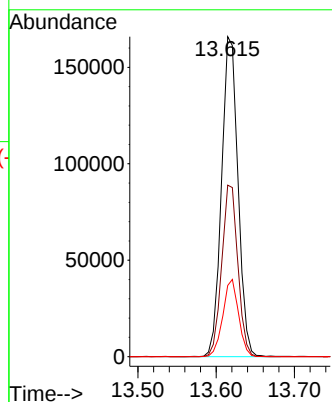
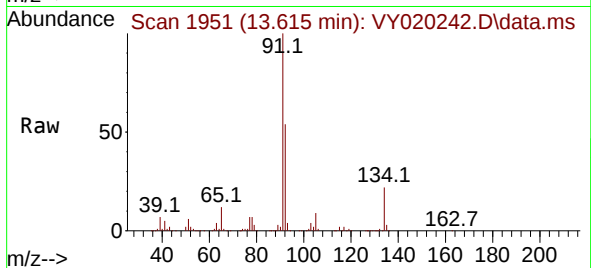
Tgt Ion: 91 Resp: 242745

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 23.2 12.9 38.7



#90

Hexachloroethane

Concen: 20.563 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020242.D

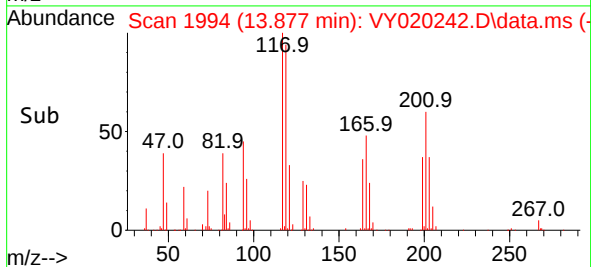
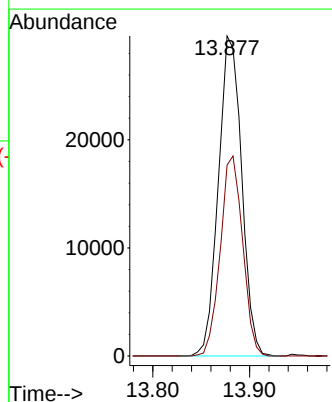
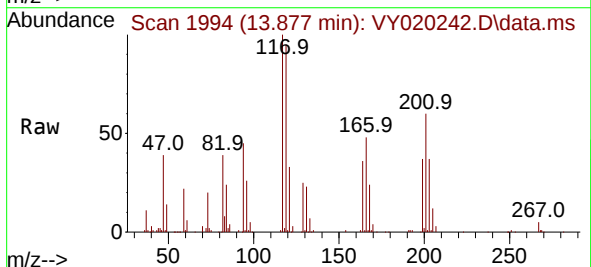
Acq: 11 Nov 2024 12:38

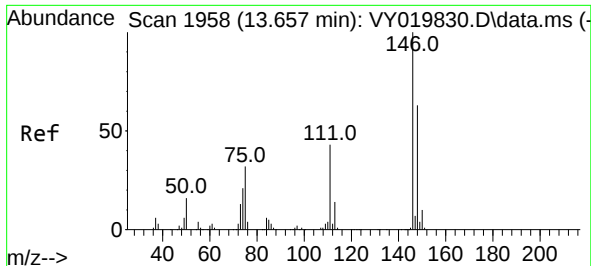
Tgt Ion: 117 Resp: 49472

Ion Ratio Lower Upper

117 100

201 59.9 37.4 112.2

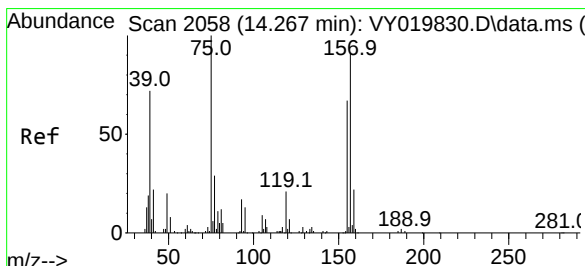
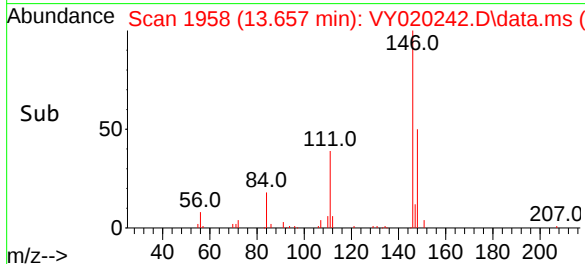
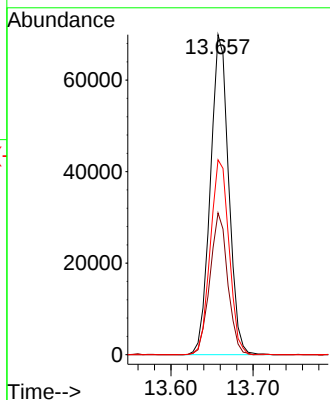
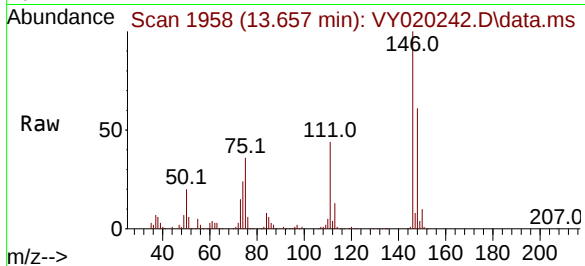




#91
1,2-Dichlorobenzene
Concen: 21.464 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

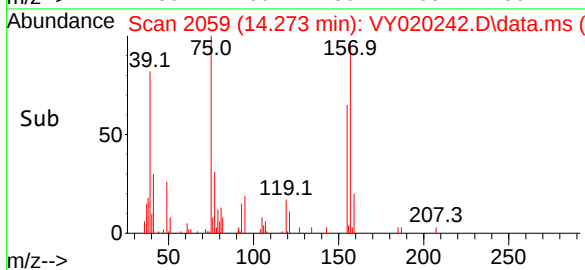
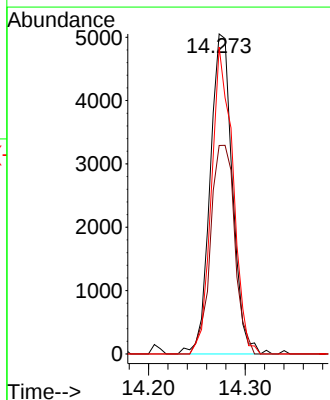
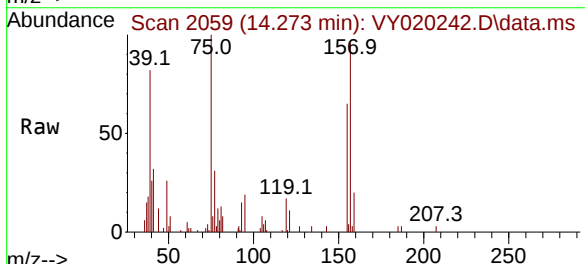
Instrument :
MSVOA_Y
ClientSampleId :

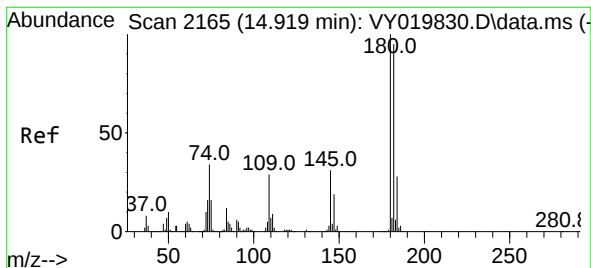
Tgt Ion:146 Resp: 107823
Ion Ratio Lower Upper
146 100
111 43.3 19.9 59.7
148 62.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.663 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY020242.D
Acq: 11 Nov 2024 12:38

Tgt Ion: 75 Resp: 8082
Ion Ratio Lower Upper
75 100
155 70.8 48.6 145.8
157 91.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.976 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

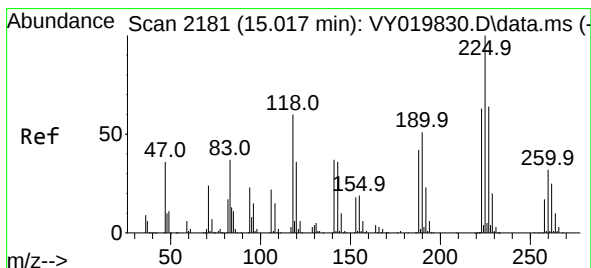
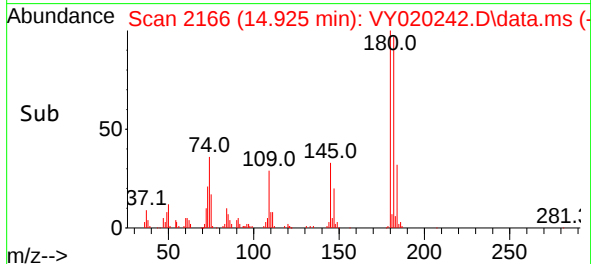
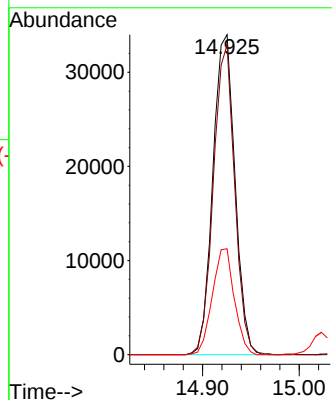
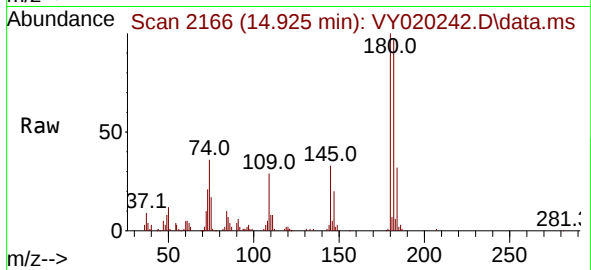
Tgt Ion:180 Resp: 53906

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.8

145 33.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.578 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

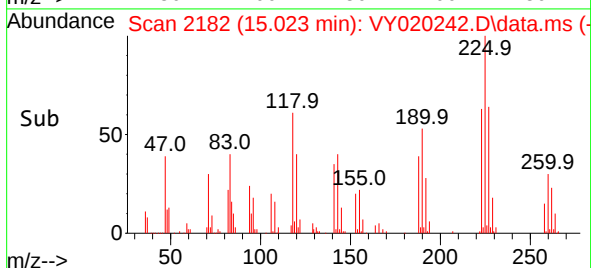
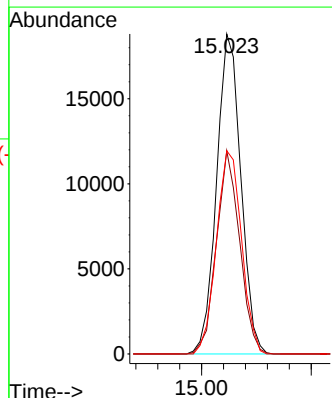
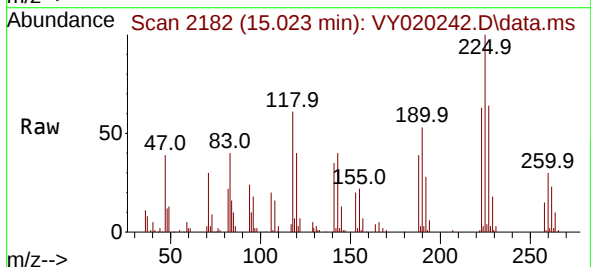
Tgt Ion:225 Resp: 28889

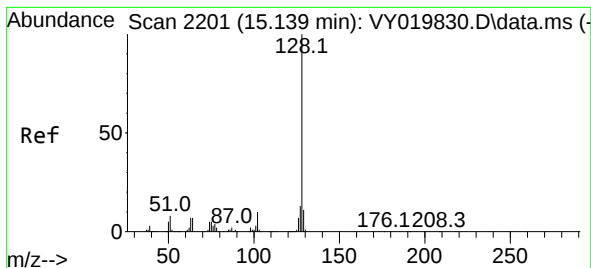
Ion Ratio Lower Upper

225 100

223 60.9 30.4 91.2

227 65.8 31.9 95.9





#95

Naphthalene

Concen: 20.194 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

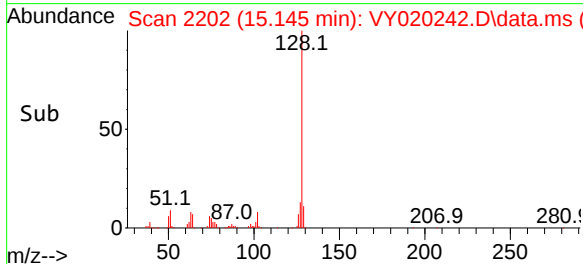
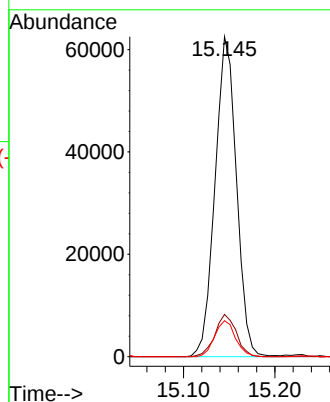
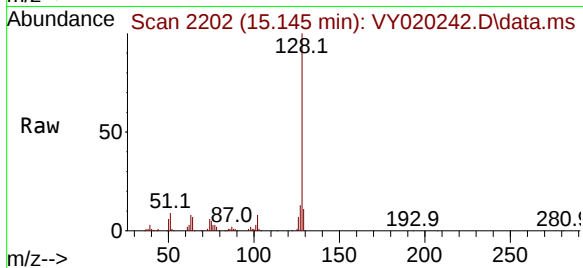
Tgt Ion:128 Resp: 101865

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.031 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020242.D

Acq: 11 Nov 2024 12:38

Tgt Ion:180 Resp: 45884

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 31.8 15.4 46.1

