

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000832.D
 Acq On : 03 Dec 2019 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 12:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	367108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	639155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	557335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	259146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	194252	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.72	113	191498	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.18	98	794014	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.48	95	275116	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	177621	44.947	ug/l 98
3) Chloromethane	2.12	50	227697	46.743	ug/l 99
4) Vinyl Chloride	2.25	62	223862	46.630	ug/l 100
5) Bromomethane	2.64	94	135971	46.690	ug/l 98
6) Chloroethane	2.79	64	139279	47.318	ug/l 99
7) Trichlorofluoromethane	3.13	101	325696	49.502	ug/l 92
8) Diethyl Ether	3.53	74	123161	49.735	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	206043	50.712	ug/l 98
10) Methyl Iodide	4.09	142	271563	53.086	ug/l 99
11) Tert butyl alcohol	4.96	59	93757	238.900	ug/l 100
12) 1,1-Dichloroethene	3.87	96	201672	50.103	ug/l 95
13) Acrolein	3.72	56	96684	250.092	ug/l 98
14) Allyl chloride	4.48	41	348599	50.509	ug/l 97
15) Acrylonitrile	5.18	53	315375	246.636	ug/l 99
16) Acetone	3.95	43	210217	234.920	ug/l 96
17) Carbon Disulfide	4.19	76	653607	50.207	ug/l 98
18) Methyl Acetate	4.48	43	175160	46.814	ug/l 98
19) Methyl tert-butyl Ether	5.22	73	549833	51.149	ug/l 98
20) Methylene Chloride	4.72	84	232805	49.355	ug/l 97
21) trans-1,2-Dichloroethene	5.22	96	230085	50.291	ug/l 94
22) Diisopropyl ether	6.13	45	704211	49.644	ug/l 98
23) Vinyl Acetate	6.07	43	2143511	248.561	ug/l 98
24) 1,1-Dichloroethane	6.03	63	393419	50.320	ug/l 97
25) 2-Butanone	6.99	43	412068	249.282	ug/l 99
26) 2,2-Dichloropropane	6.99	77	332956	50.599	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	251299	50.815	ug/l 99
28) Bromochloromethane	7.34	49	158501	55.079	ug/l 99
29) Tetrahydrofuran	7.35	42	264807	241.749	ug/l 99
30) Chloroform	7.52	83	373219	47.586	ug/l 96
31) Cyclohexane	7.78	56	387604	46.799	ug/l 98
32) 1,1,1-Trichloroethane	7.71	97	328519	50.725	ug/l 98
36) 1,1-Dichloropropene	7.93	75	313809	49.379	ug/l 100
37) Ethyl Acetate	7.08	43	171305	46.683	ug/l 100
38) Carbon Tetrachloride	7.91	117	283187	50.036	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	414115	49.184	ug/l	99
40) Benzene	8.16	78	925042	49.972	ug/l	99
41) Methacrylonitrile	7.35	41	232138	120.027	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	236145	48.507	ug/l	99
43) Isopropyl Acetate	8.28	43	327245	47.323	ug/l	97
44) Trichloroethene	8.94	130	243551	51.194	ug/l	96
45) 1,2-Dichloropropane	9.22	63	234256	50.380	ug/l	95
46) Dibromomethane	9.30	93	121722	50.103	ug/l	99
47) Bromodichloromethane	9.50	83	289663	50.754	ug/l	100
48) Methyl methacrylate	9.30	41	141787	46.628	ug/l	91
49) 1,4-Dioxane	9.30	88	32953	957.284	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	859965	240.691	ug/l	99
52) Toluene	10.24	92	570514	49.777	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	319272	52.070	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	372356	51.377	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	179389	49.978	ug/l	97
56) Ethyl methacrylate	10.51	69	267946	52.183	ug/l	97
57) 1,3-Dichloropropane	10.79	76	312629	49.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	487051	235.248	ug/l	100
59) 2-Hexanone	10.83	43	673147	258.556	ug/l	99
60) Dibromochloromethane	10.99	129	198449	51.359	ug/l	99
61) 1,2-Dibromoethane	11.09	107	174124	51.474	ug/l	96
64) Tetrachloroethene	10.72	164	249304	51.485	ug/l	98
65) Chlorobenzene	11.52	112	596721	51.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	203519	52.128	ug/l	99
67) Ethyl Benzene	11.59	91	1101014	51.030	ug/l	99
68) m/p-Xylenes	11.70	106	820536	101.321	ug/l	98
69) o-Xylene	12.03	106	393263	52.082	ug/l	98
70) Styrene	12.04	104	675390	52.237	ug/l	99
71) Bromoform	12.20	173	117208	53.229	ug/l #	99
73) Isopropylbenzene	12.33	105	1046719	50.728	ug/l	100
74) N-amyl acetate	12.14	43	284679	49.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	200126	49.224	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	284571	96.921	ug/l #	100
77) Bromobenzene	12.61	156	230638	51.566	ug/l	98
78) n-propylbenzene	12.67	91	1275244	50.617	ug/l	99
79) 2-Chlorotoluene	12.75	91	705684	50.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	874334	51.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	79102	52.920	ug/l	97
82) 4-Chlorotoluene	12.85	91	730998	50.977	ug/l	99
83) tert-Butylbenzene	13.08	119	730805	50.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	871613	50.994	ug/l	100
85) sec-Butylbenzene	13.25	105	1066785	51.068	ug/l	100
86) p-Isopropyltoluene	13.37	119	932620	51.329	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	443632	50.562	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	447370	51.495	ug/l	99
89) n-Butylbenzene	13.70	91	943087	51.338	ug/l	99
90) Hexachloroethane	13.96	117	176580	52.757	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	409949	51.943	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33762	49.603	ug/l	99

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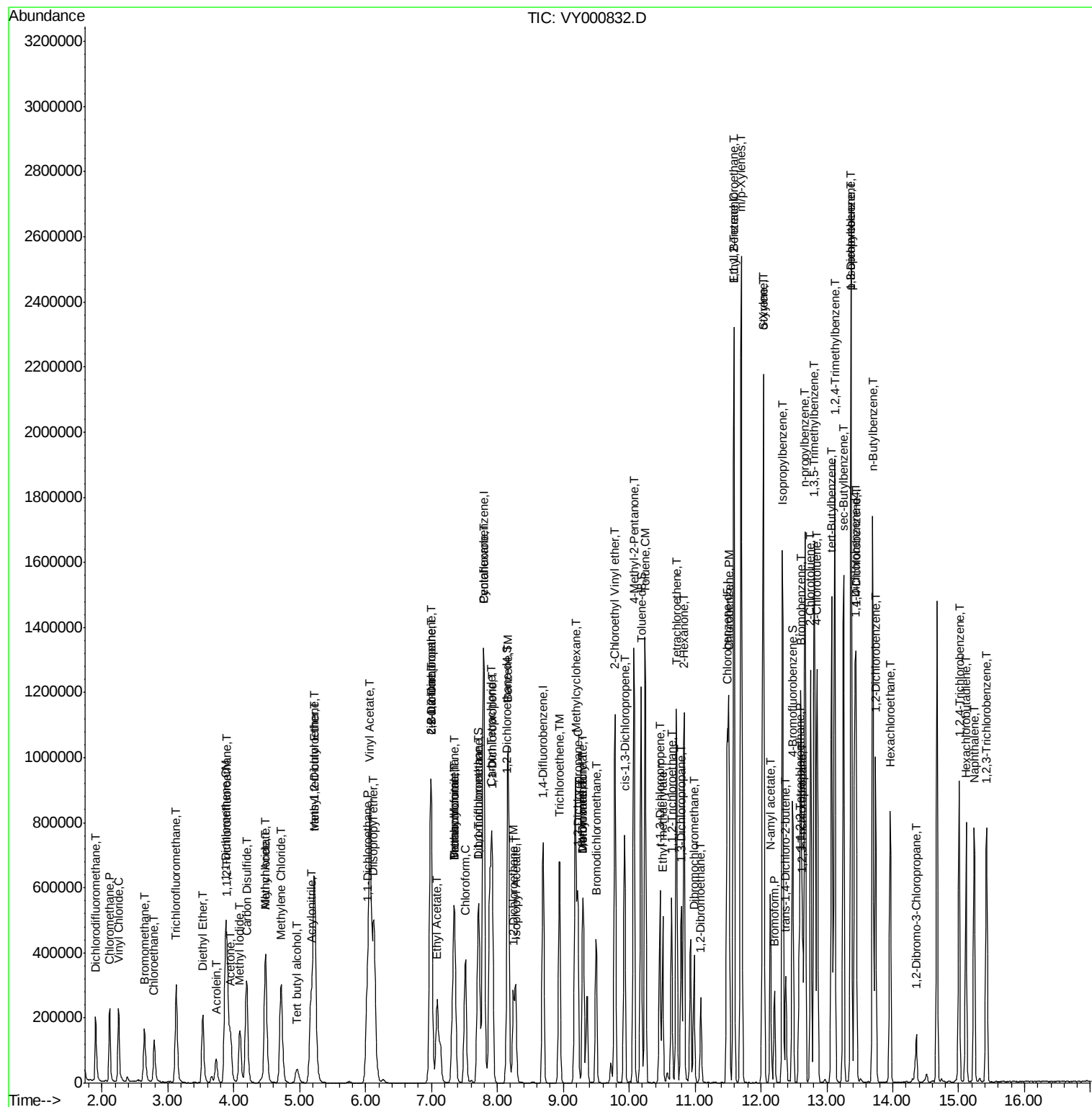
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	273766	51.263	ug/l	100
94) Hexachlorobutadiene	15.11	225	136716	51.634	ug/l	99
95) Naphthalene	15.23	128	629349	50.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	246105	51.592	ug/l	98

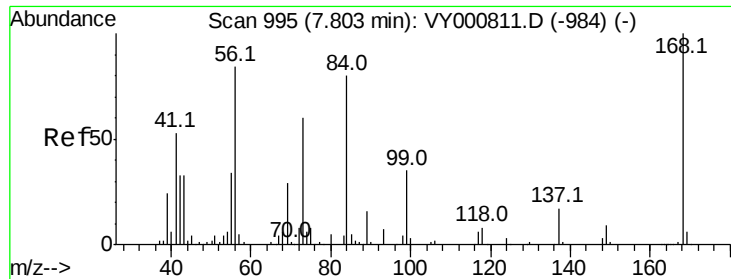
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

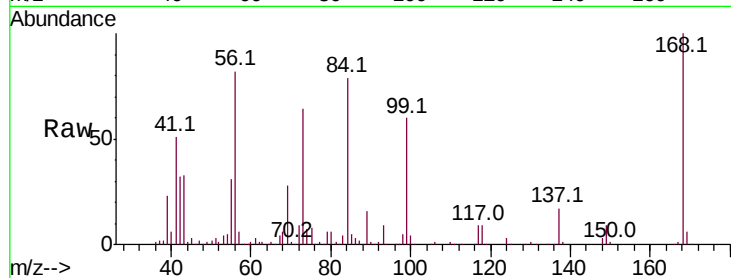
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 367108

Ion Ratio Lower Upper

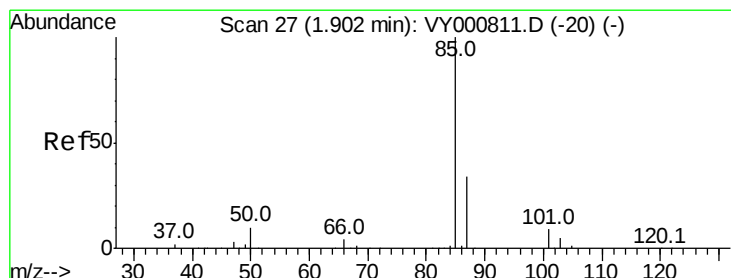
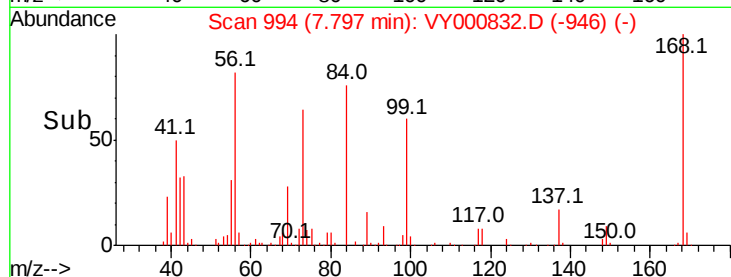
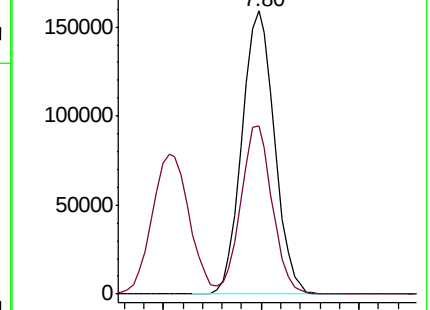
168 100

99 59.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 44.947 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000832.D

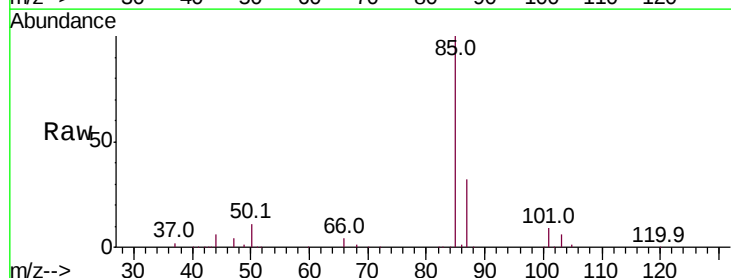
Acq: 03 Dec 2019 10:24

Tgt Ion: 85 Resp: 177621

Ion Ratio Lower Upper

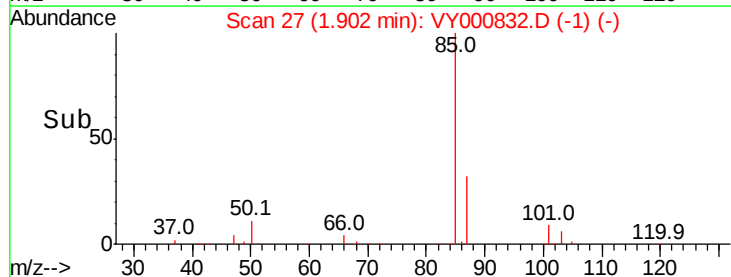
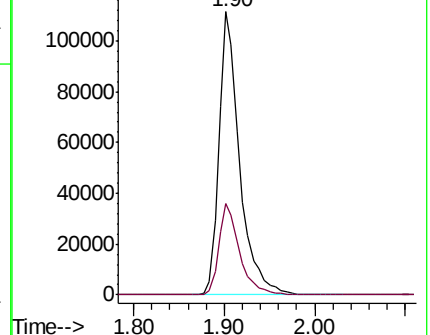
85 100

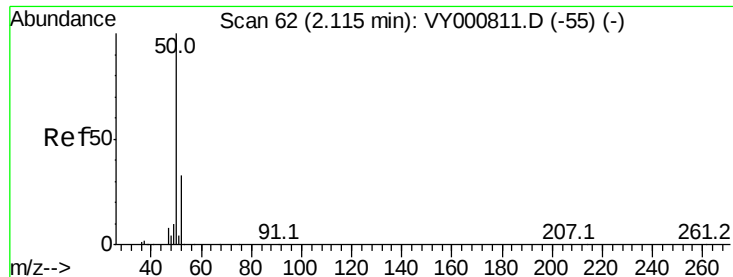
87 32.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)





#3

Chloromethane

Concen: 46.743 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

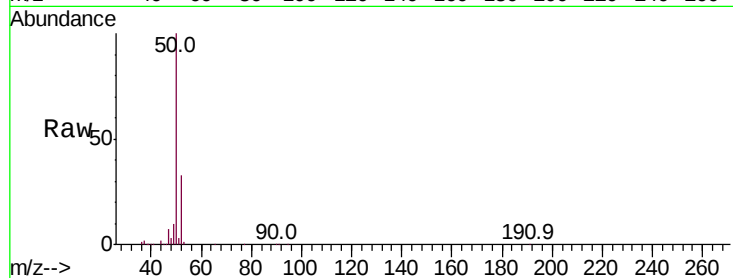
ClientSampleId :

Tot Ion: 50 Resp: 227697

Ion Ratio Lower Upper

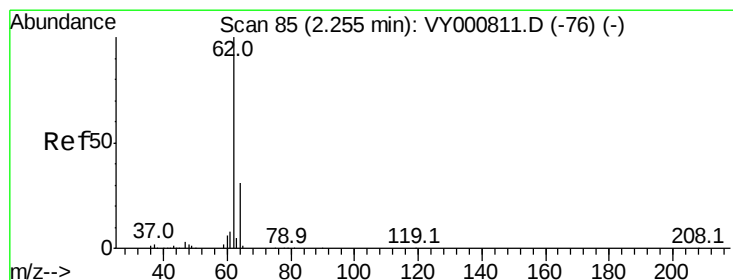
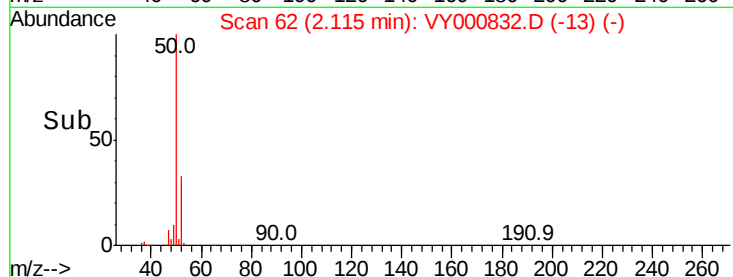
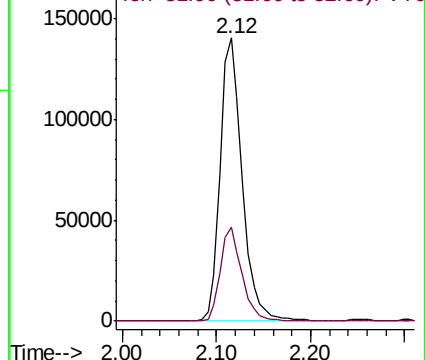
50 100

52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.630 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000832.D

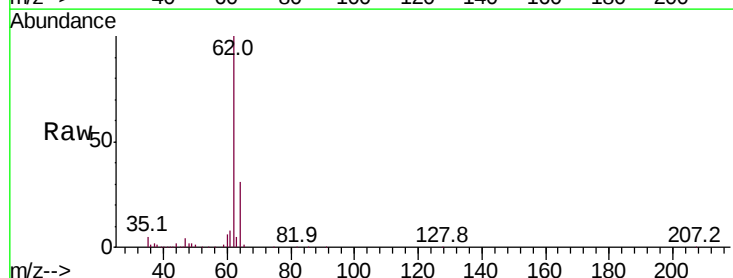
Acq: 03 Dec 2019 10:24

Tgt Ion: 62 Resp: 223862

Ion Ratio Lower Upper

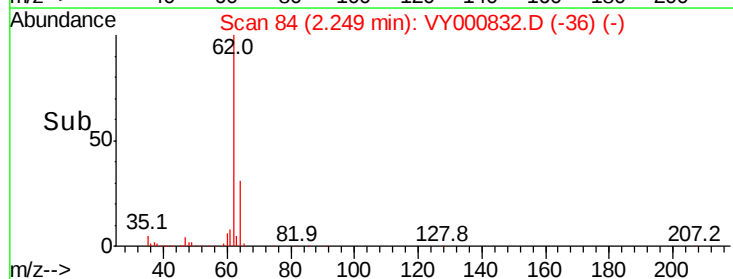
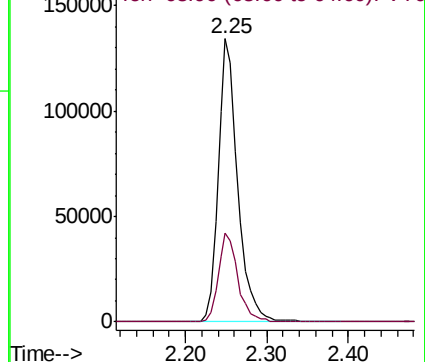
62 100

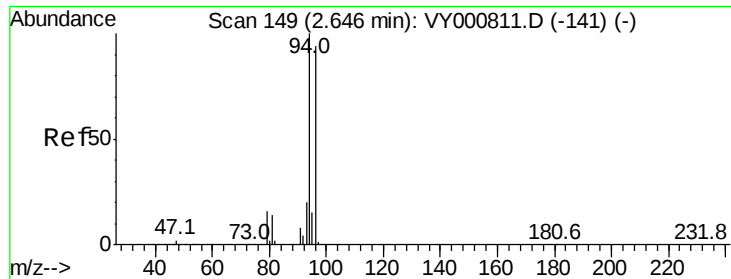
64 31.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.690 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

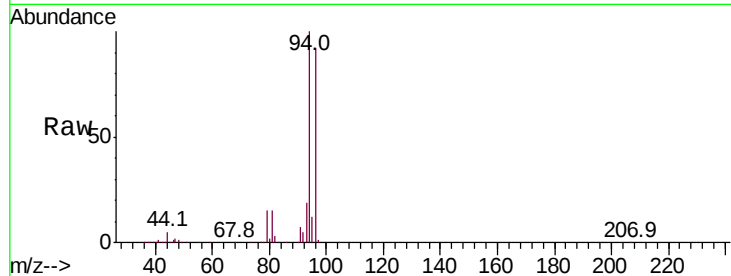
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 135971

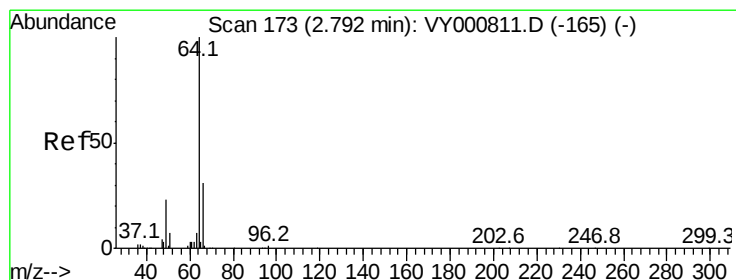
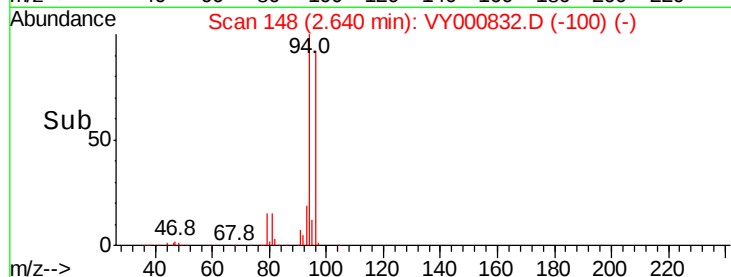
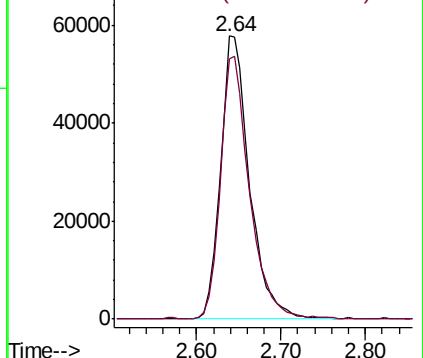
Ion Ratio Lower Upper

94 100

96 92.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.318 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000832.D

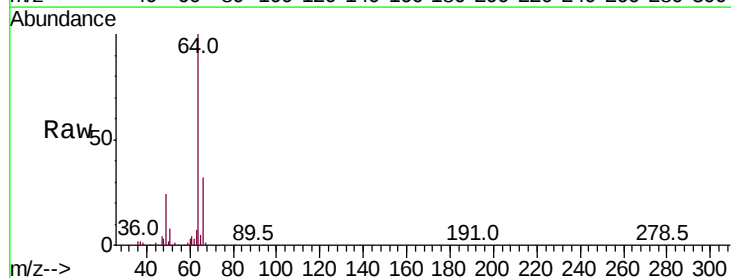
Acq: 03 Dec 2019 10:24

Tgt Ion: 64 Resp: 139279

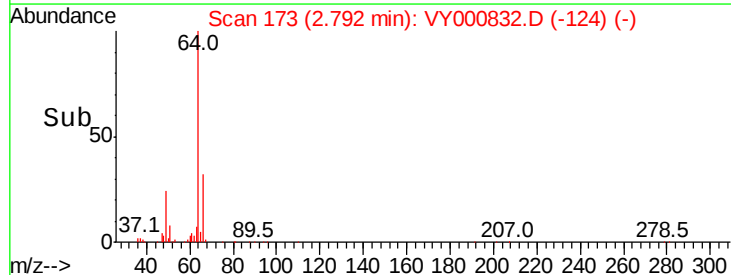
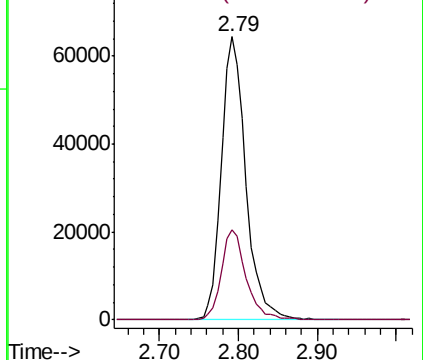
Ion Ratio Lower Upper

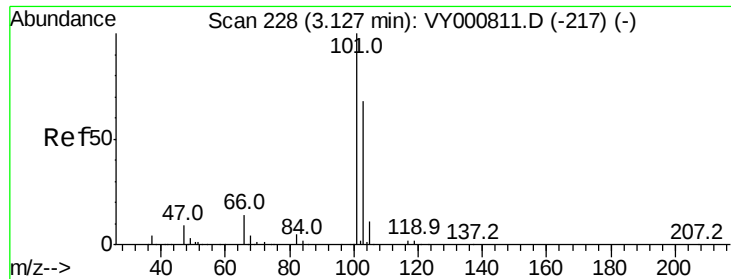
64 100

66 31.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



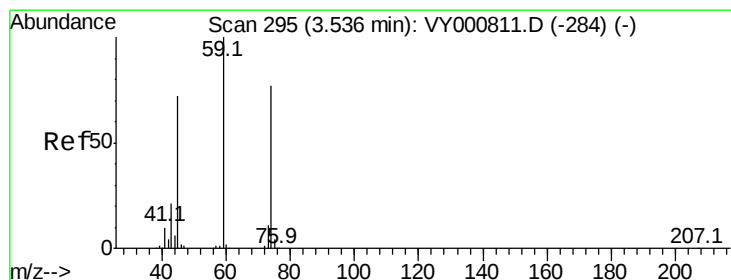
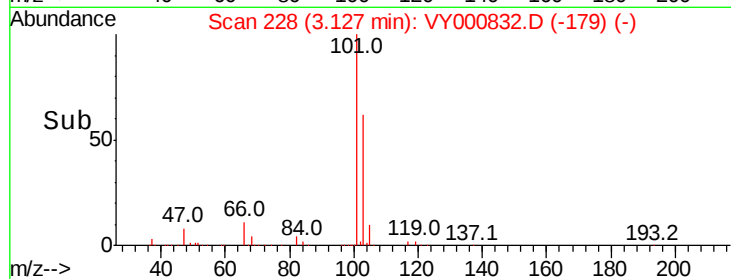
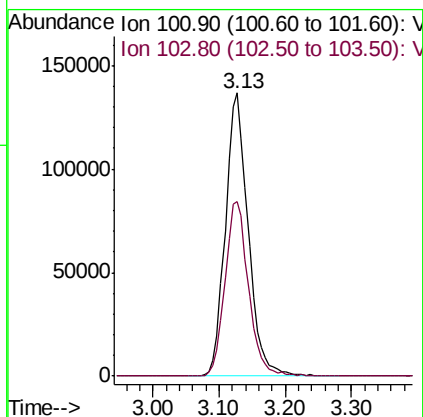
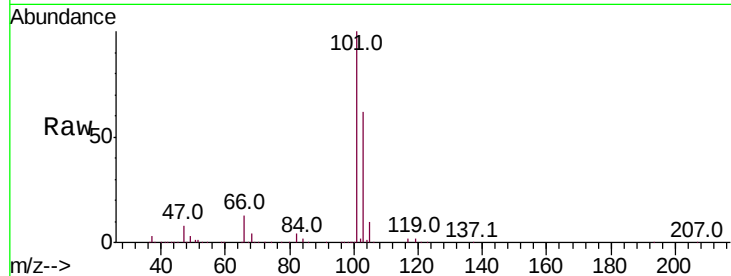


#7

Trichlorofluoromethane
 Concen: 49.502 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :

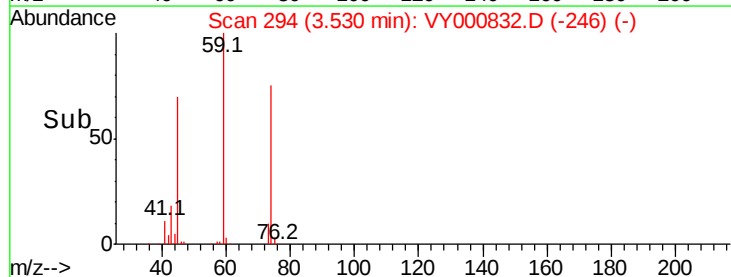
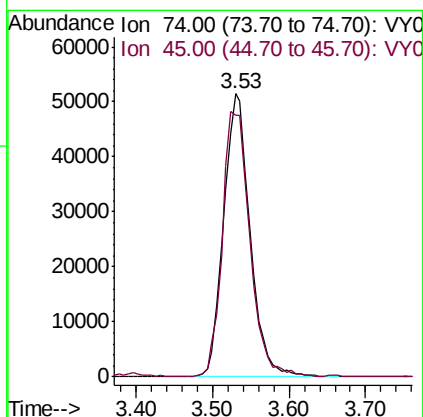
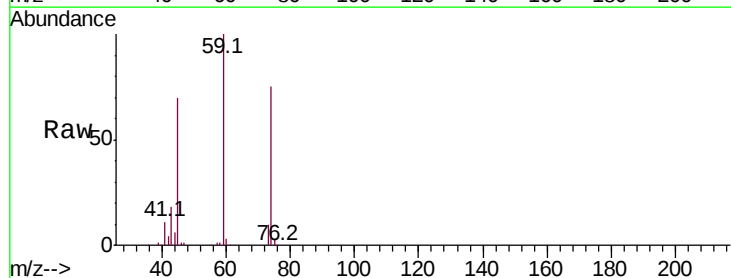
Tot Ion:101 Resp: 325696
 Ion Ratio Lower Upper
 101 100
 103 61.5 54.2 81.2

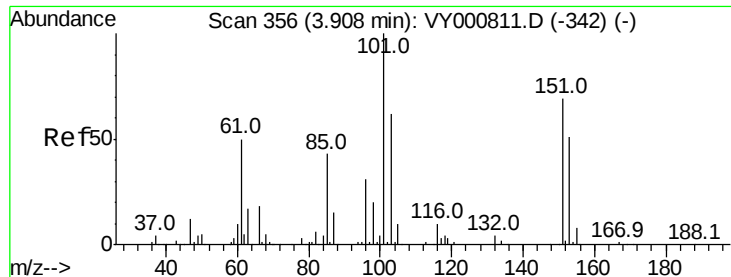


#8

Diethyl Ether
 Concen: 49.735 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Tgt Ion: 74 Resp: 123161
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.712 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

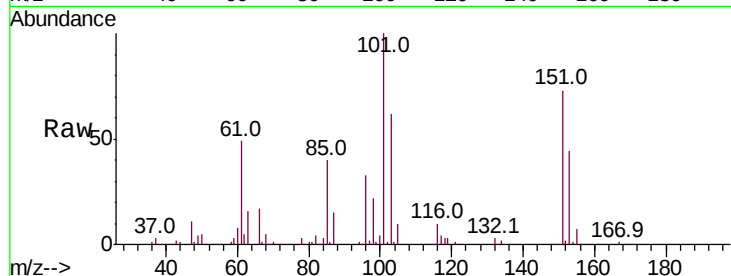
Tot Ion:101 Resp: 206043

Ion Ratio Lower Upper

101 100

85 42.7 36.0 54.0

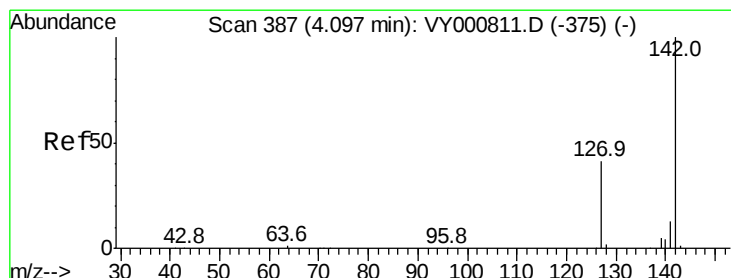
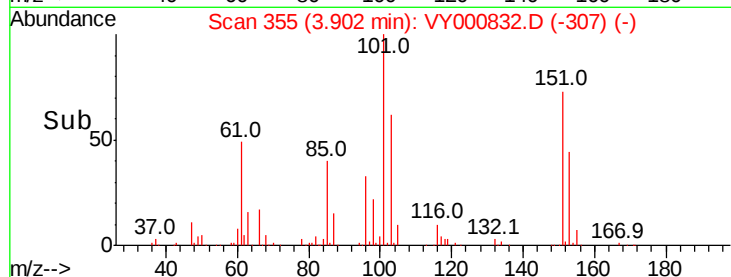
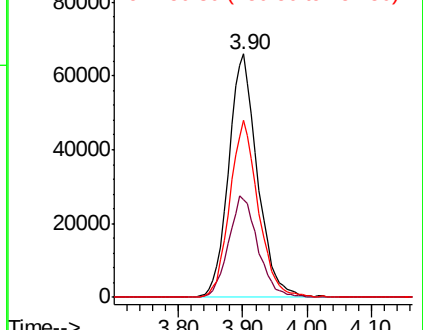
151 72.1 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.086 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

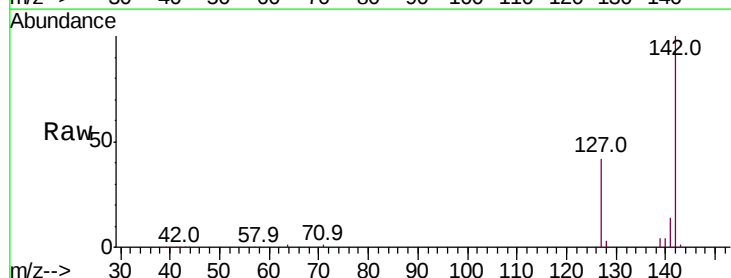
Tgt Ion:142 Resp: 271563

Ion Ratio Lower Upper

142 100

127 41.2 33.8 50.8

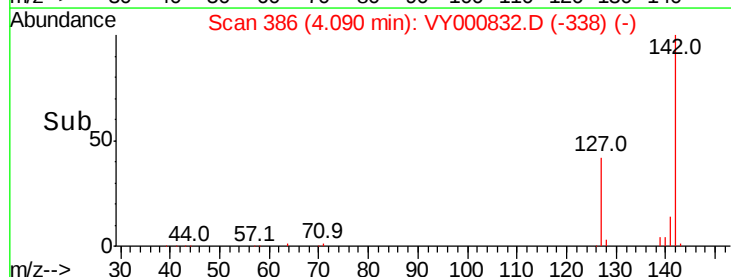
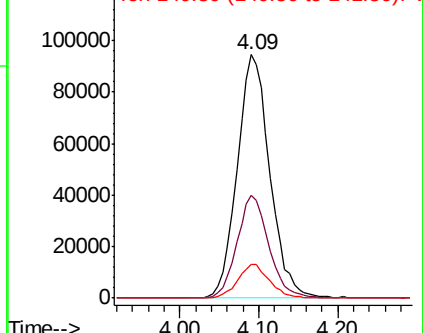
141 13.6 10.9 16.3

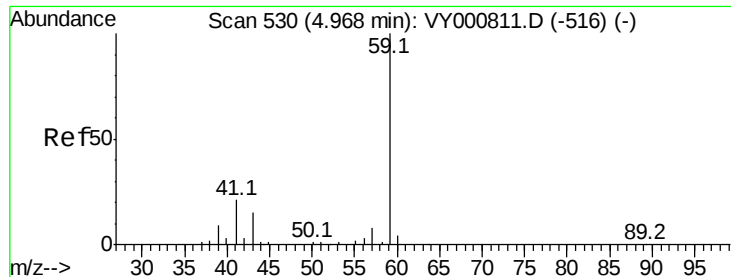


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



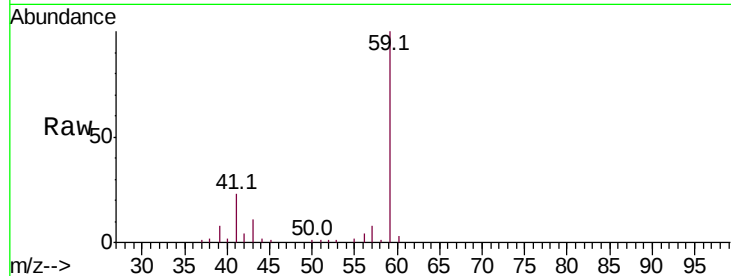


#11

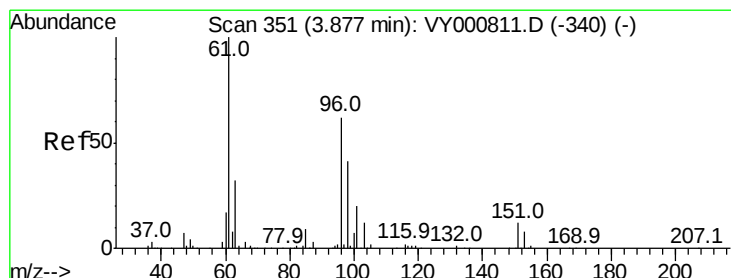
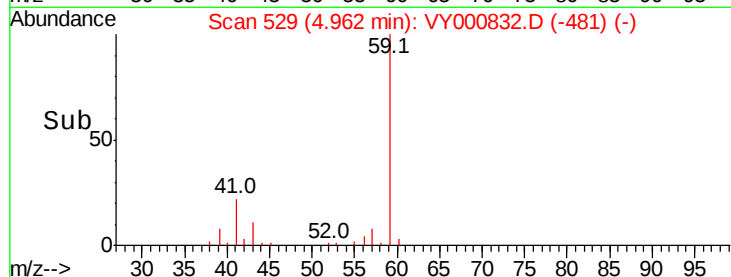
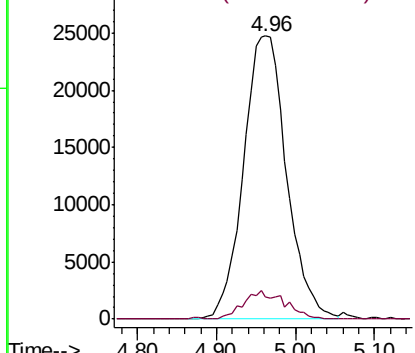
Tert butyl alcohol
 Concen: 238.900 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 59 Resp: 93757
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6



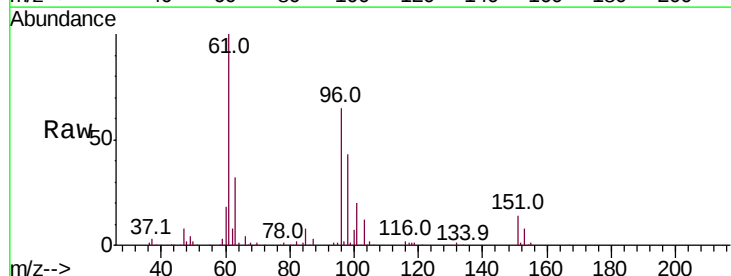
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



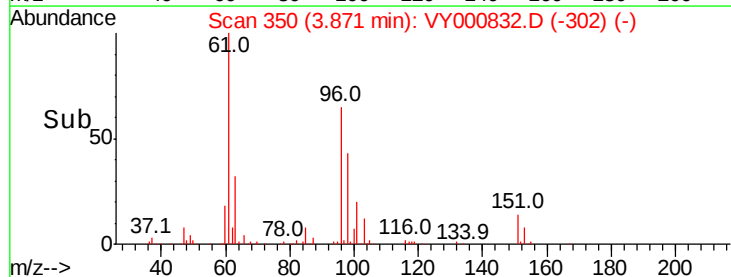
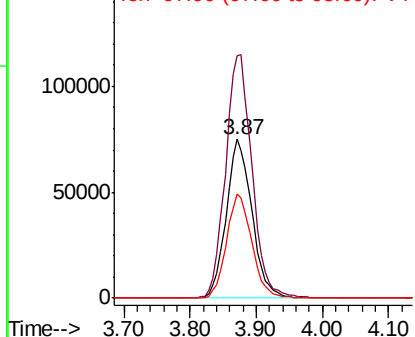
#12

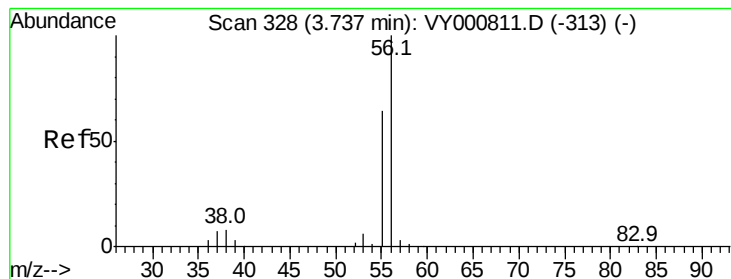
1,1-Dichloroethene
 Concen: 50.103 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Tgt Ion: 96 Resp: 201672
 Ion Ratio Lower Upper
 96 100
 61 152.7 129.4 194.2
 98 65.9 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 250.092 ug/l

RT: 3.72 min Scan# 326

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

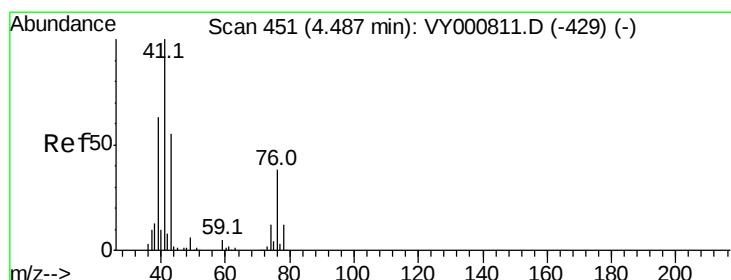
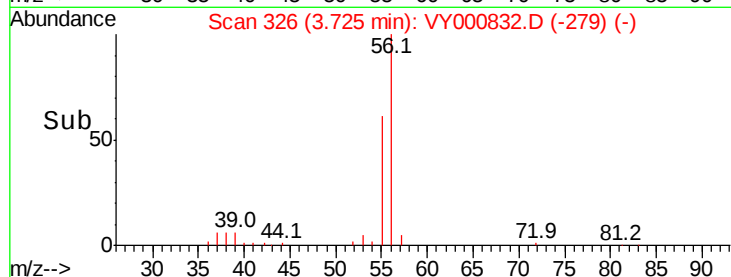
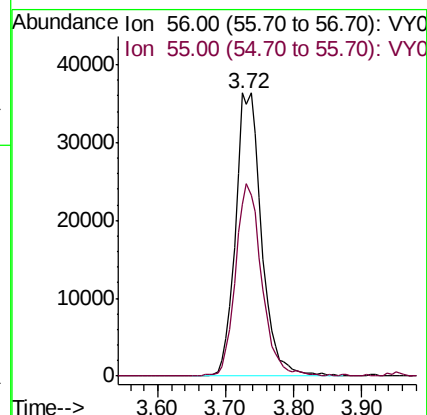
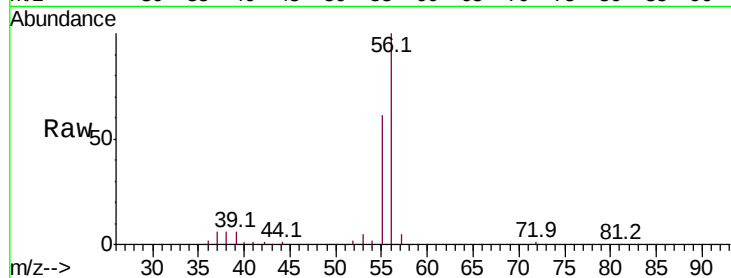
ClientSampleId :

Tot Ion: 56 Resp: 96684

Ion Ratio Lower Upper

56 100

55 68.1 55.7 83.5



#14

Allyl chloride

Concen: 50.509 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

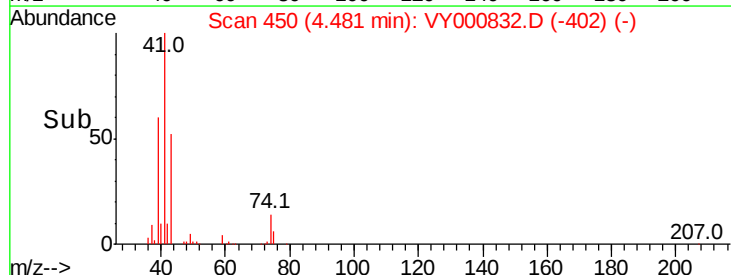
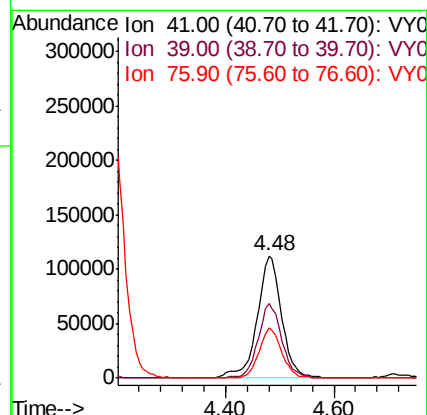
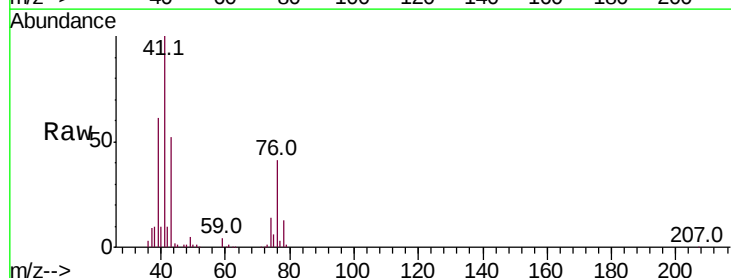
Tgt Ion: 41 Resp: 348599

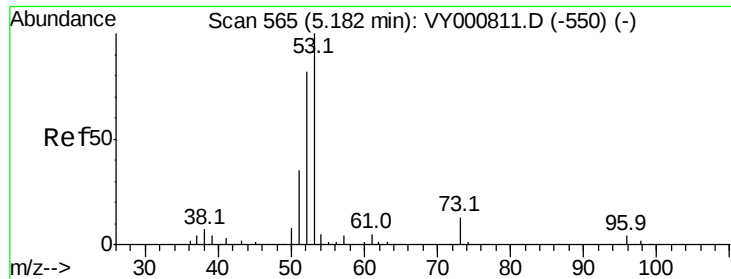
Ion Ratio Lower Upper

41 100

39 59.1 49.2 73.8

76 38.1 29.2 43.8





#15

Acrylonitrile

Concen: 246.636 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

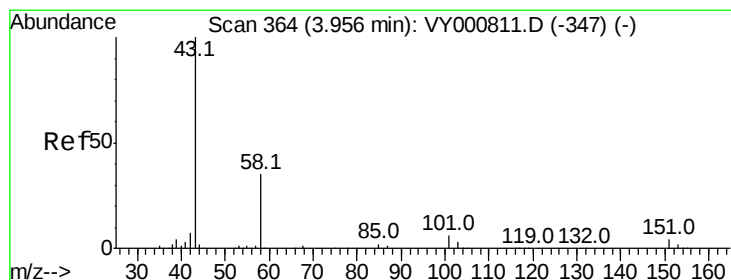
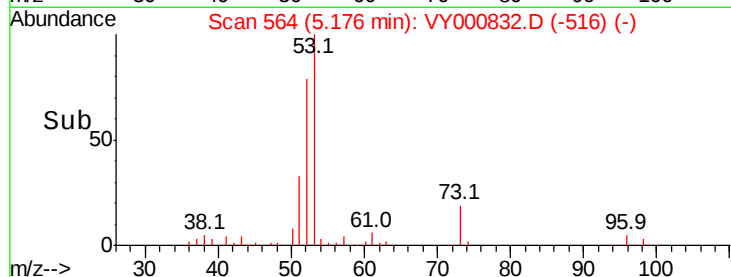
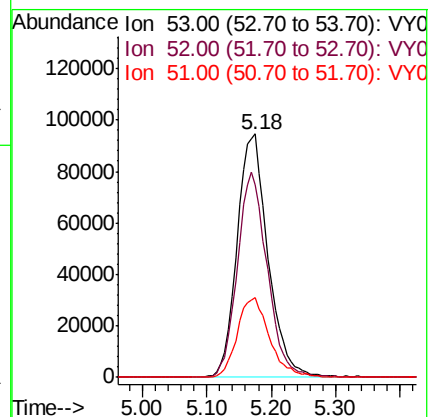
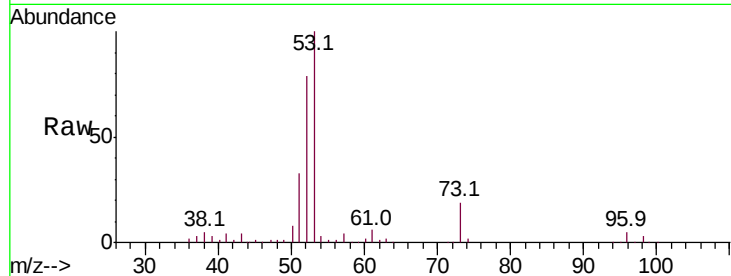
Tot Ion: 53 Resp: 315375

Ion Ratio Lower Upper

53 100

52 81.2 65.1 97.7

51 34.0 29.0 43.4



#16

Acetone

Concen: 234.920 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000832.D

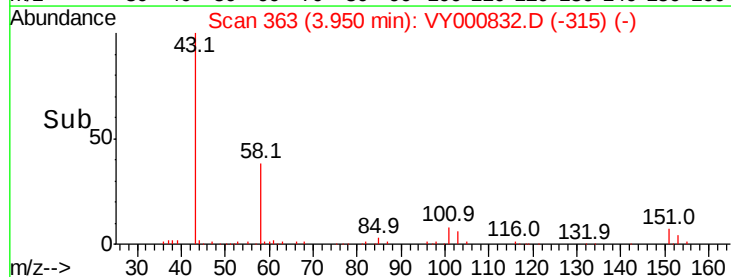
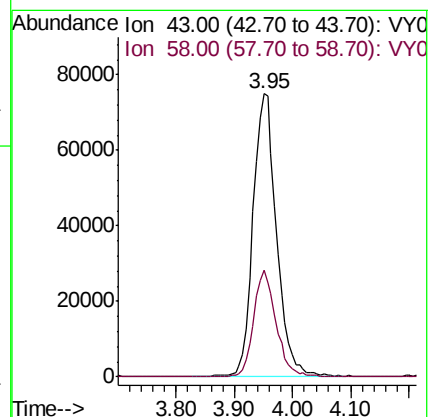
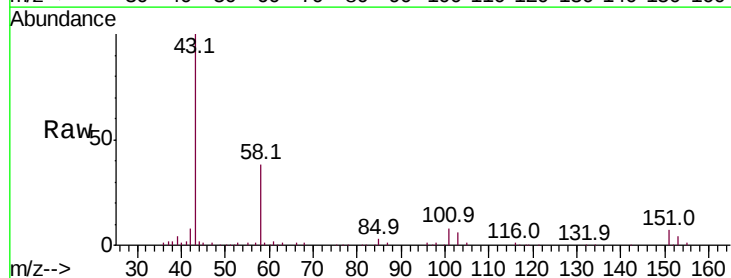
Acq: 03 Dec 2019 10:24

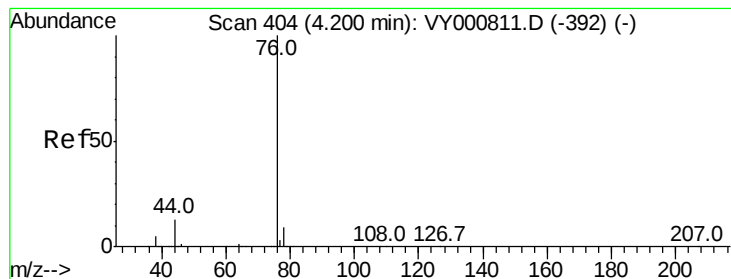
Tgt Ion: 43 Resp: 210217

Ion Ratio Lower Upper

43 100

58 37.3 28.0 42.0





#17

Carbon Disulfide

Concen: 50.207 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

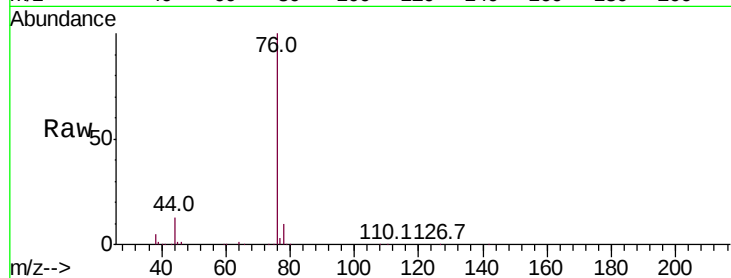
ClientSampleId :

Tot Ion: 76 Resp: 653607

Ion Ratio Lower Upper

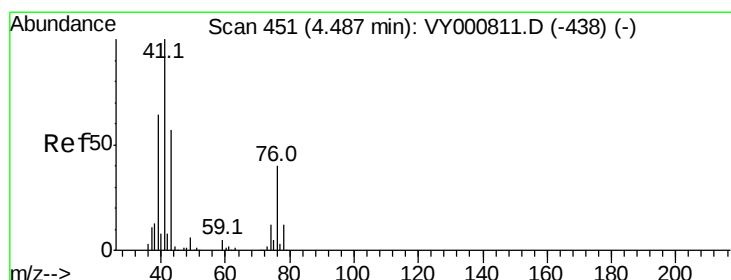
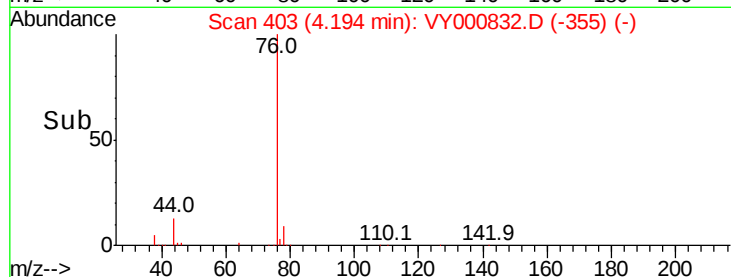
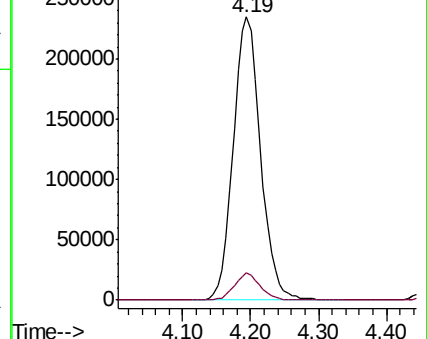
76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 46.814 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000832.D

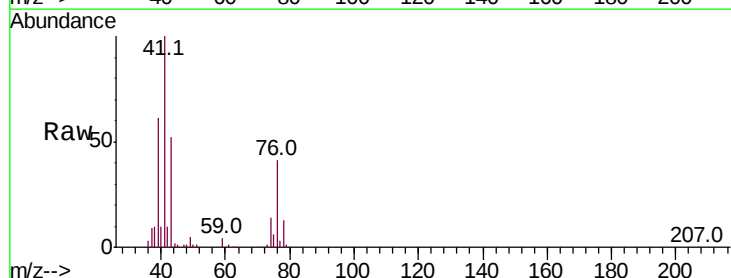
Acq: 03 Dec 2019 10:24

Tgt Ion: 43 Resp: 175160

Ion Ratio Lower Upper

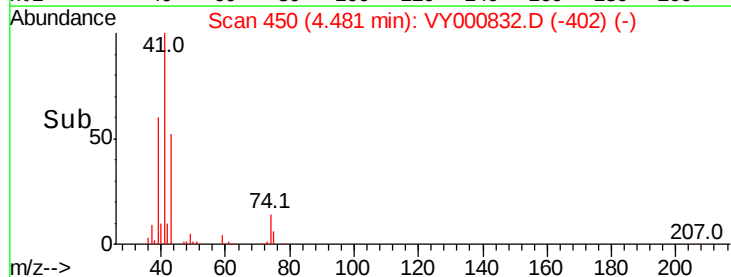
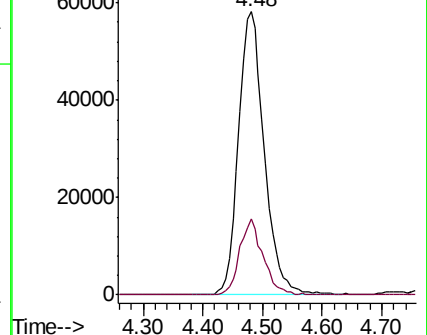
43 100

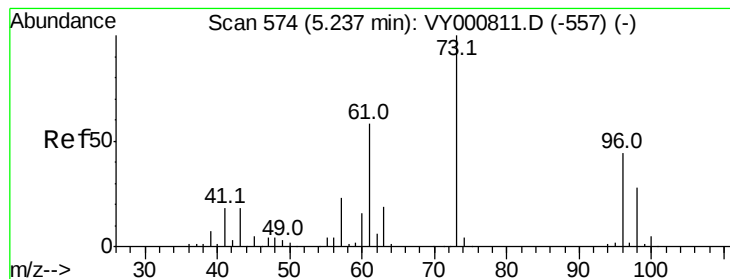
74 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



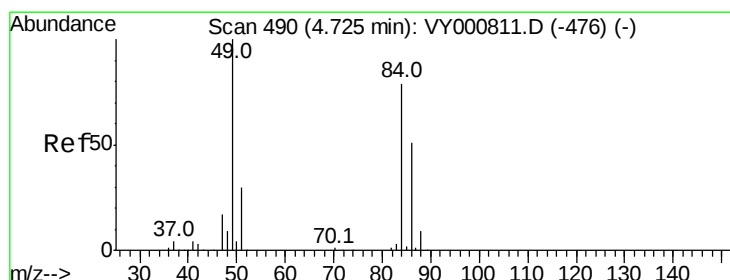
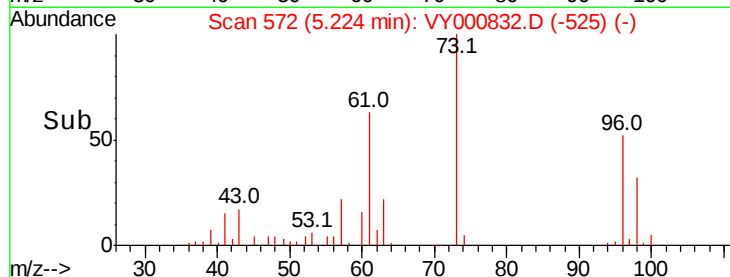
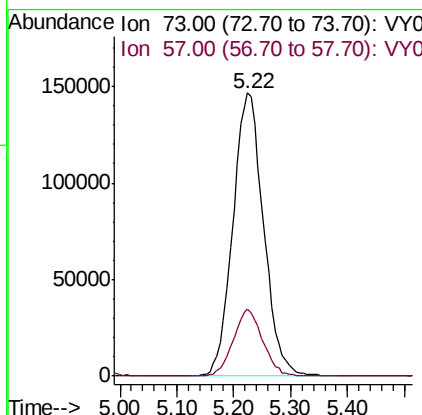
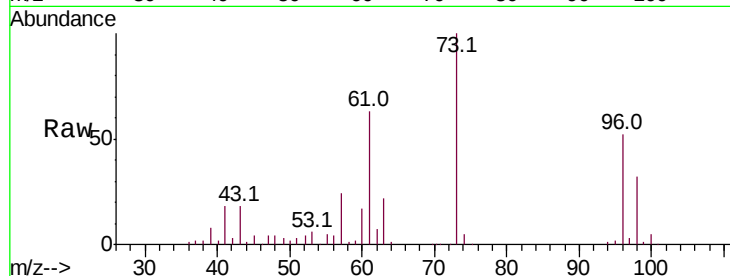


#19

Methyl tert-butyl Ether
 Concen: 51.149 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Instrument :
 MSVOA_Y
 ClientSampled :

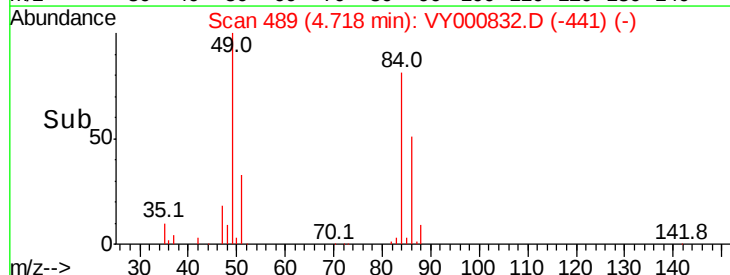
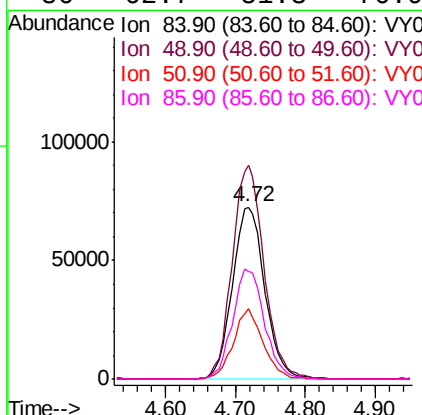
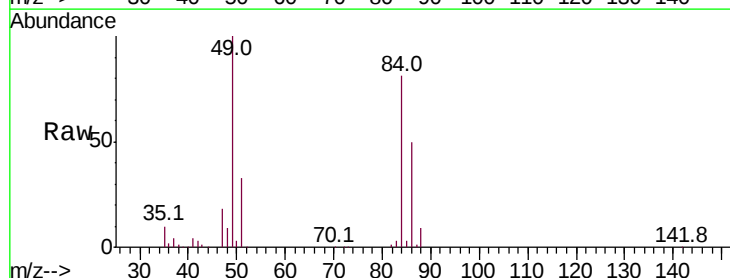
Tot Ion: 73 Resp: 549833
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.2 27.4

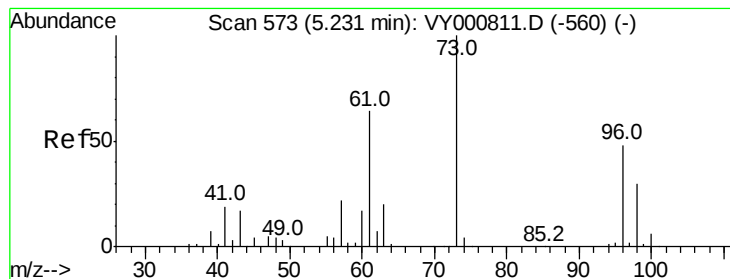


#20

Methylene Chloride
 Concen: 49.355 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Tgt Ion: 84 Resp: 232805
 Ion Ratio Lower Upper
 84 100
 49 124.2 101.3 151.9
 51 41.3 30.6 45.8
 86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.291 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :
MSVOA_Y
ClientSampled :

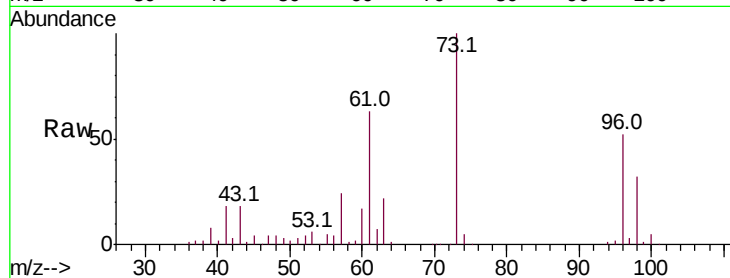
Tot Ion: 96 Resp: 230085

Ion Ratio Lower Upper

96 100

61 122.5 105.9 158.9

98 61.4 49.4 74.2

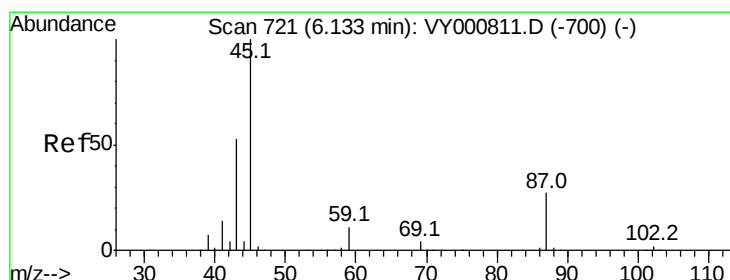
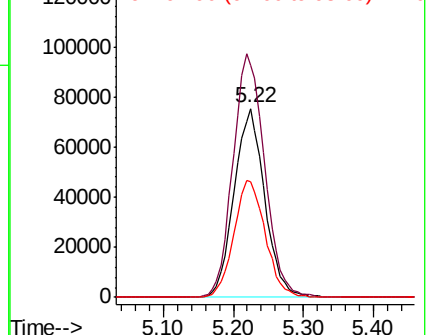
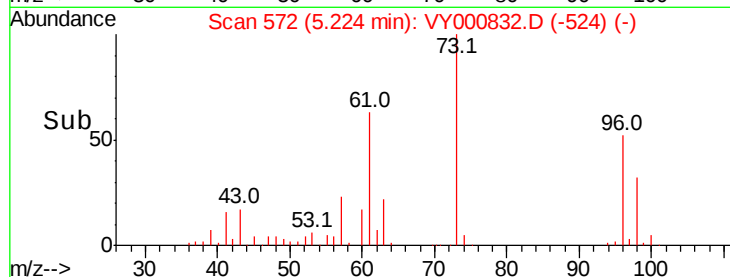


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 49.644 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Tgt Ion: 45 Resp: 704211

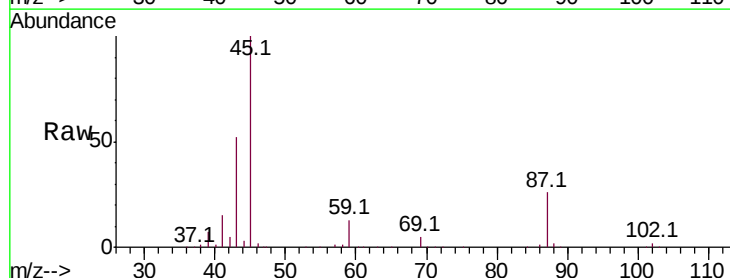
Ion Ratio Lower Upper

45 100

43 52.1 42.7 64.1

87 26.5 22.0 33.0

59 12.7 8.9 13.3



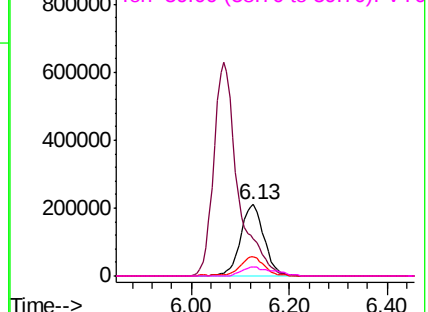
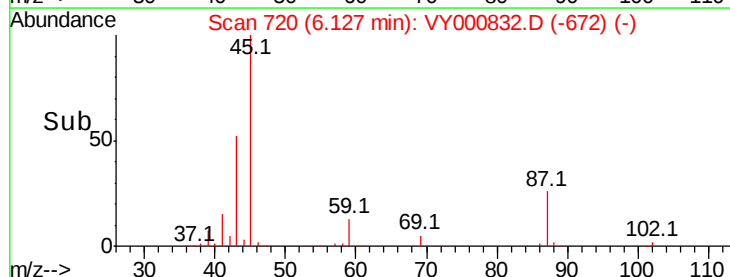
Abundance

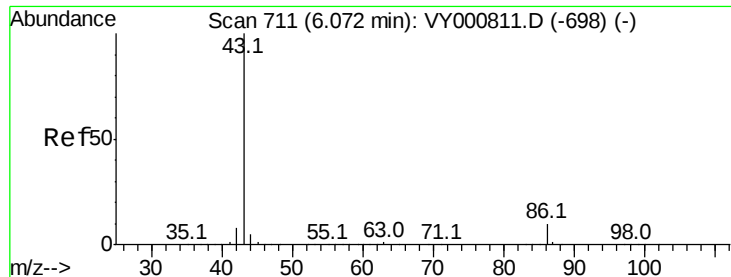
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 248.561 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

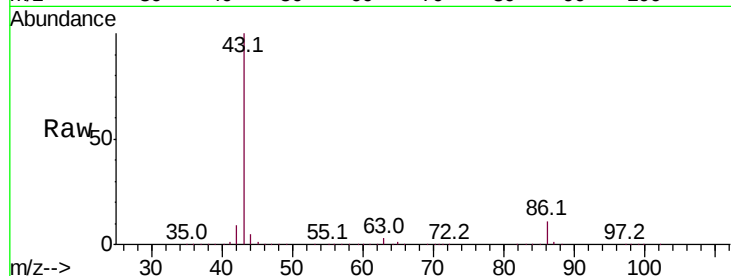
ClientSampleId :

Tot Ion: 43 Resp: 2143511

Ion Ratio Lower Upper

43 100

86 11.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

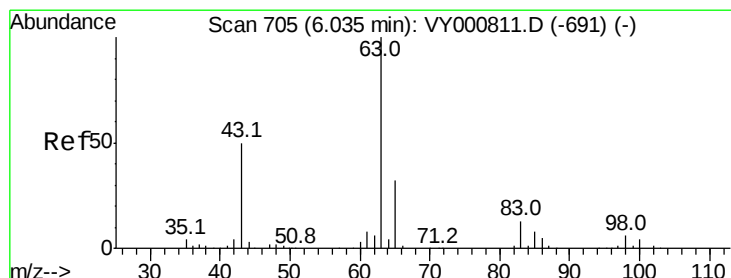
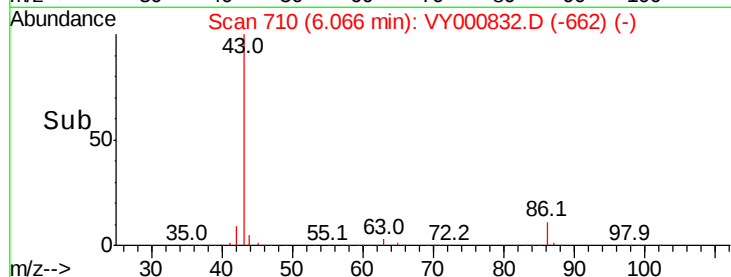
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.320 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

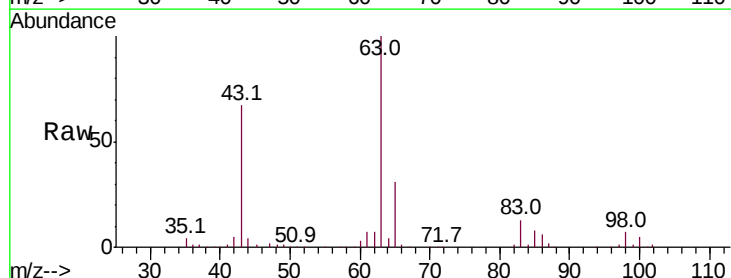
Tgt Ion: 63 Resp: 393419

Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 5.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

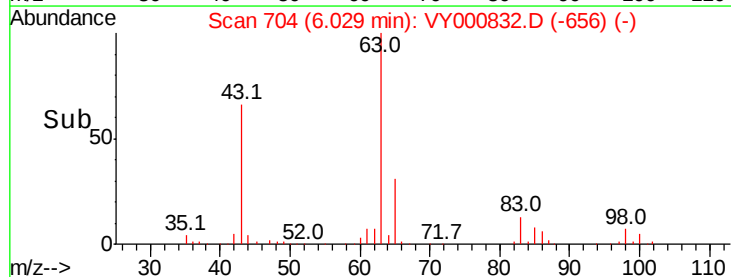
150000

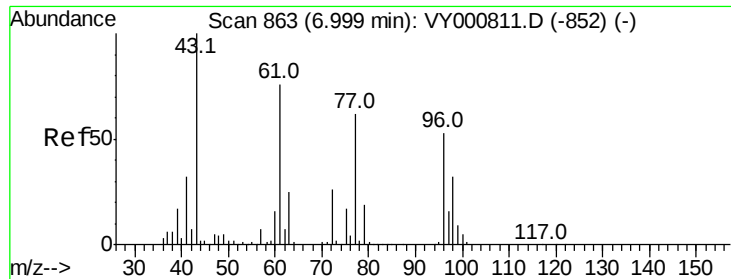
100000

50000

0

Time-->





#25

2-Butanone

Concen: 249.282 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

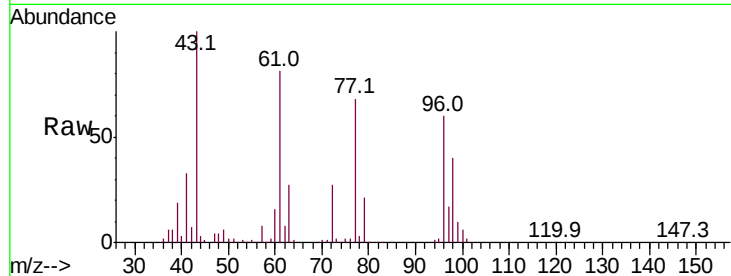
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 412068

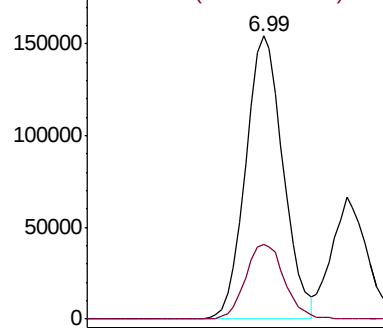
Ion Ratio Lower Upper

43 100

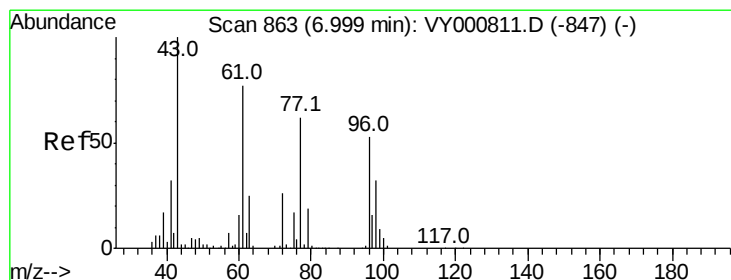
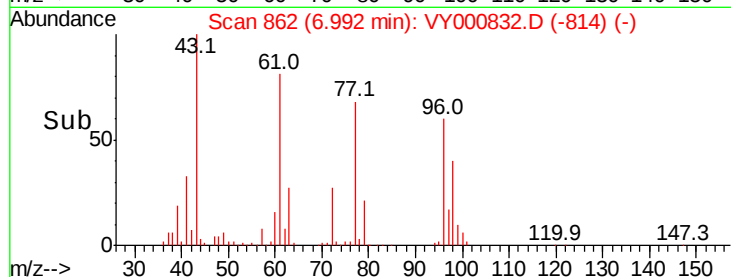
72 26.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



Time-->



#26

2,2-Dichloropropane

Concen: 50.599 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000832.D

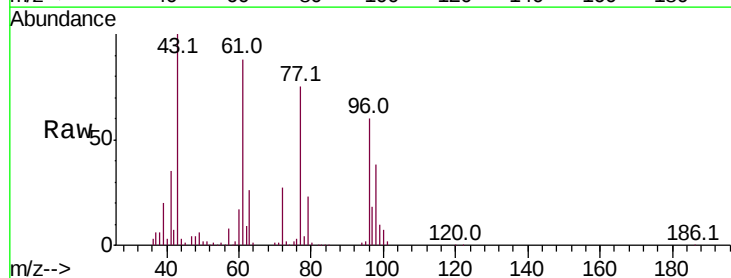
Acq: 03 Dec 2019 10:24

Tgt Ion: 77 Resp: 332956

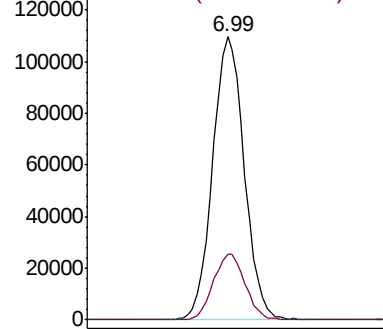
Ion Ratio Lower Upper

77 100

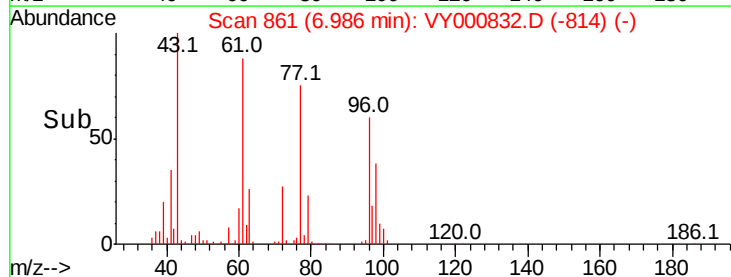
97 23.5 11.9 35.9

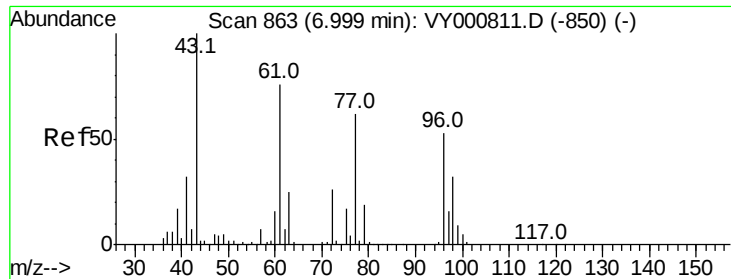


Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



Time-->



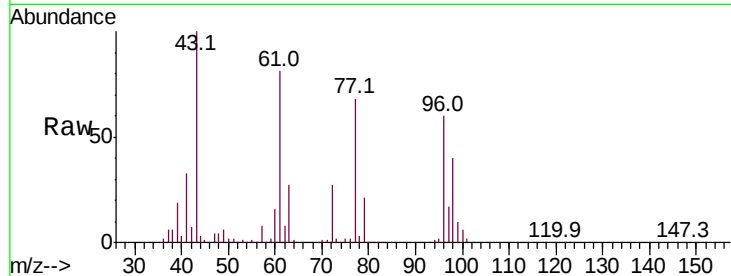


#27

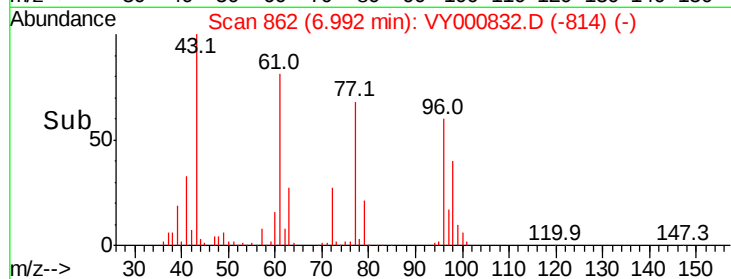
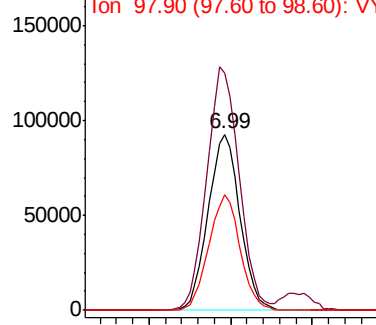
cis-1,2-Dichloroethene
Concen: 50.815 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 251299
Ion Ratio Lower Upper
96 100
61 140.6 0.0 285.0
98 64.7 0.0 128.0



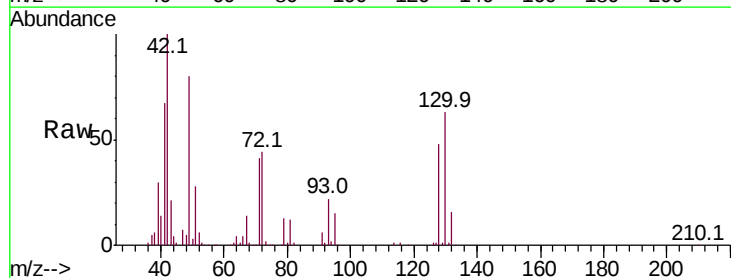
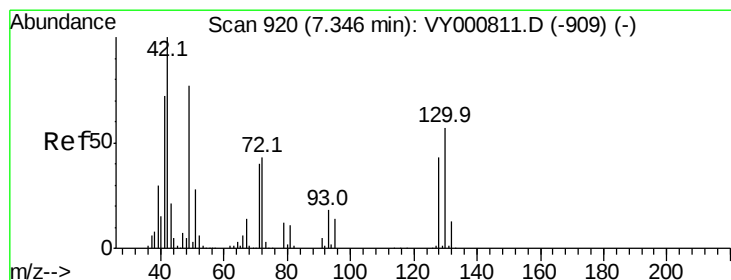
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



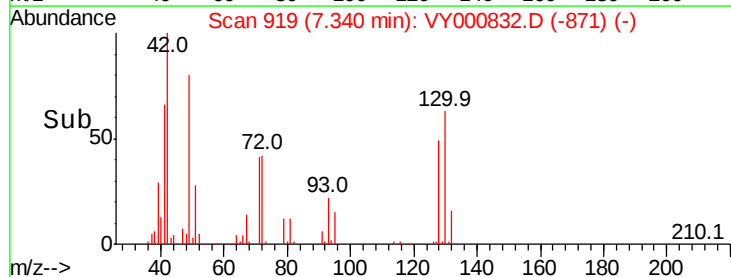
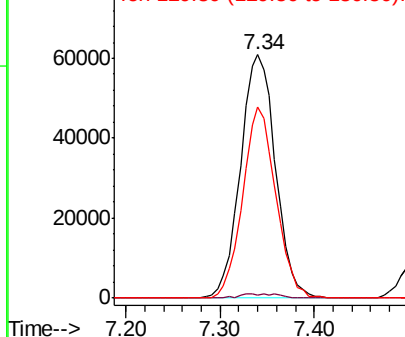
#28

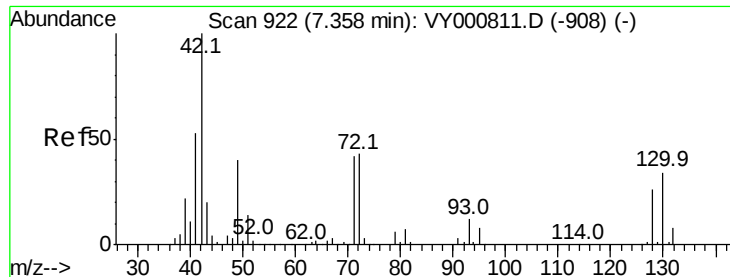
Bromochloromethane
Concen: 55.079 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion: 49 Resp: 158501
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 74.3 58.7 88.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

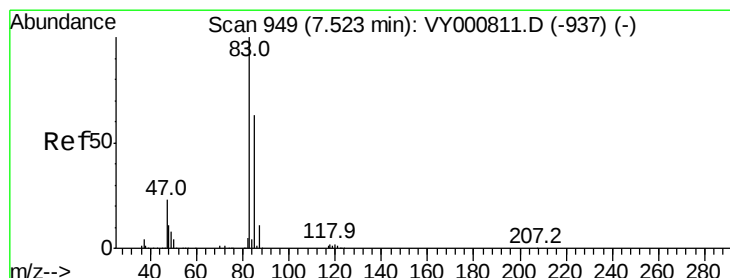
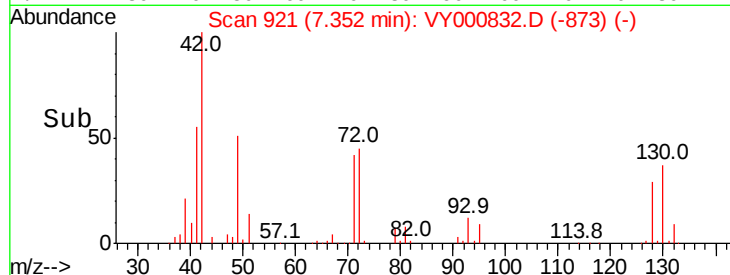
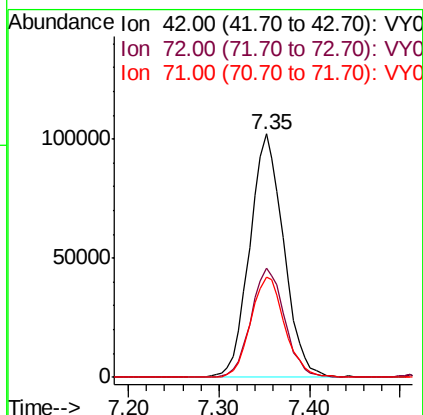
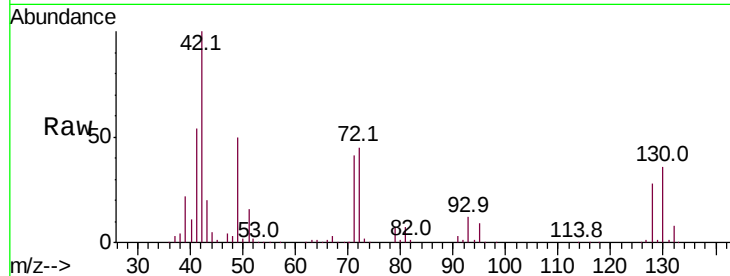




#29
Tetrahydrofuran
Concen: 241.749 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

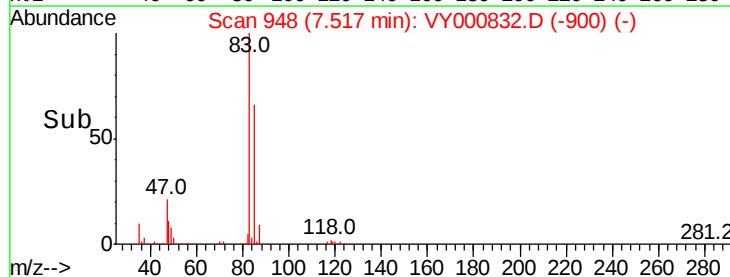
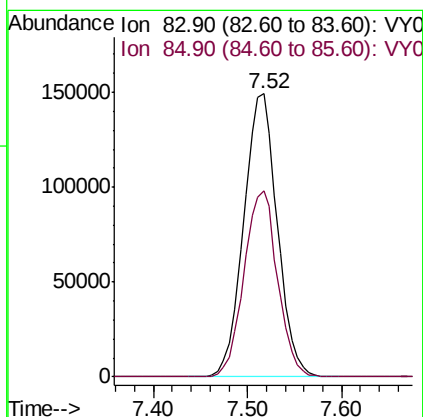
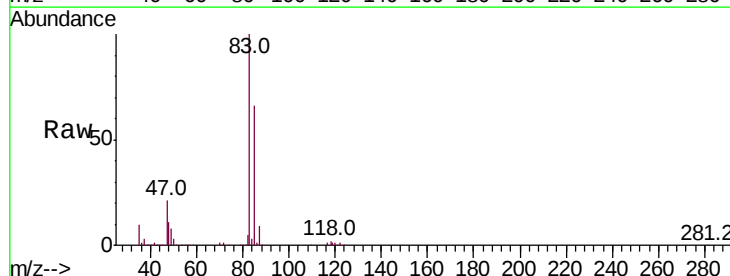
Instrument :
MSVOA_Y
ClientSampleId :

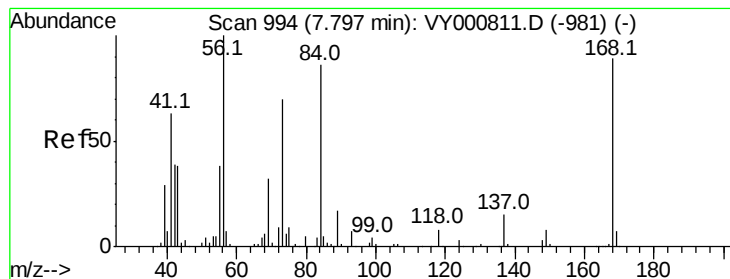
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.1	52.7
71	41.4	32.8	49.2



#30
Chloroform
Concen: 47.586 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.4	75.6





#31

Cyclohexane

Concen: 46.799 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :
MSVOA_Y
ClientSampled :

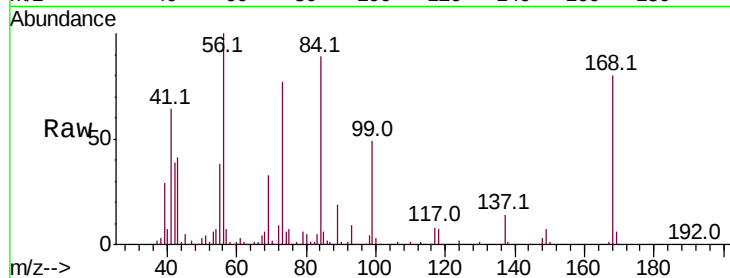
Tot Ion: 56 Resp: 387604

Ion Ratio Lower Upper

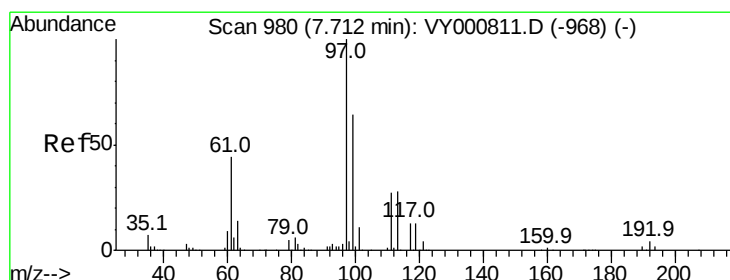
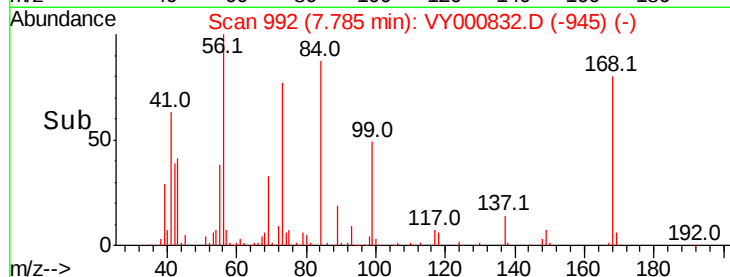
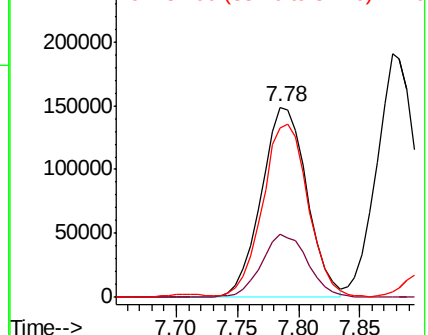
56 100

69 32.9 25.9 38.9

84 87.6 68.6 102.8



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.725 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

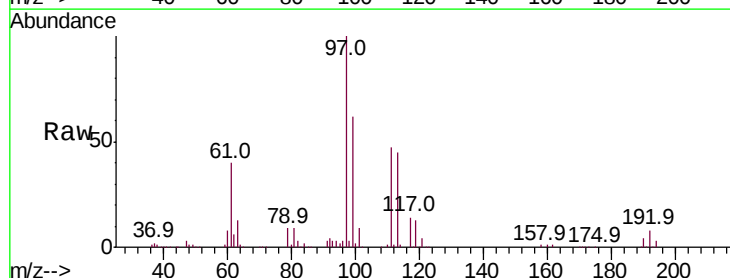
Tgt Ion: 97 Resp: 328519

Ion Ratio Lower Upper

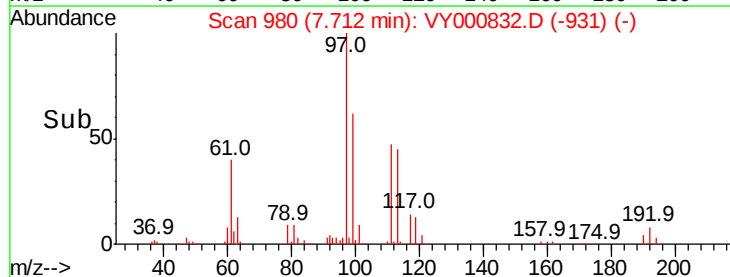
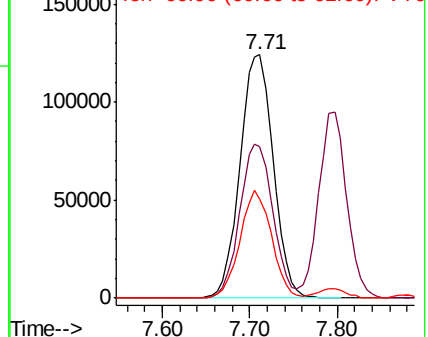
97 100

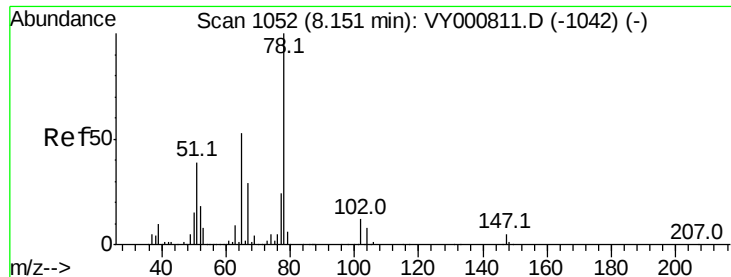
99 63.2 51.7 77.5

61 41.9 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

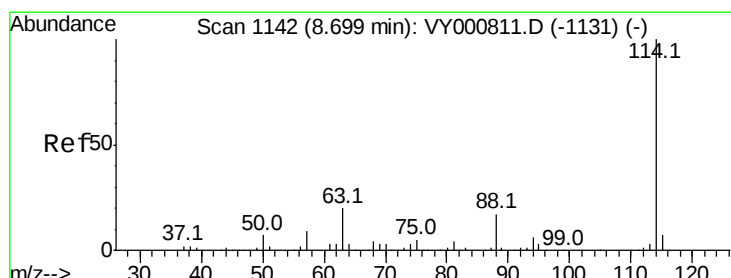
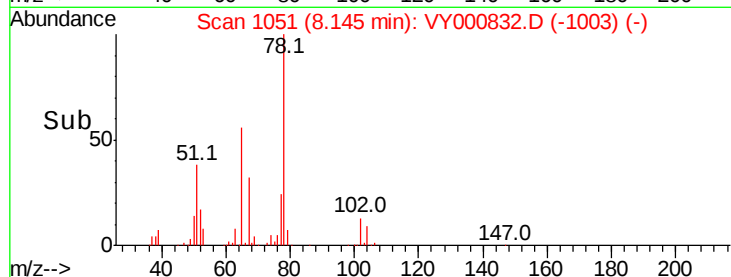
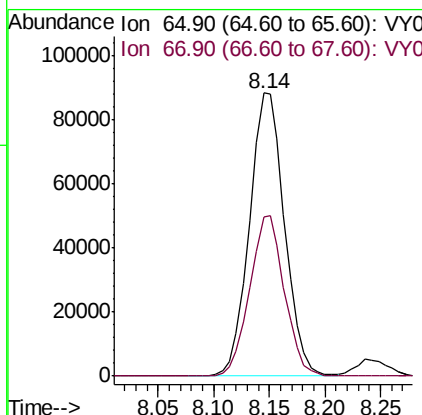
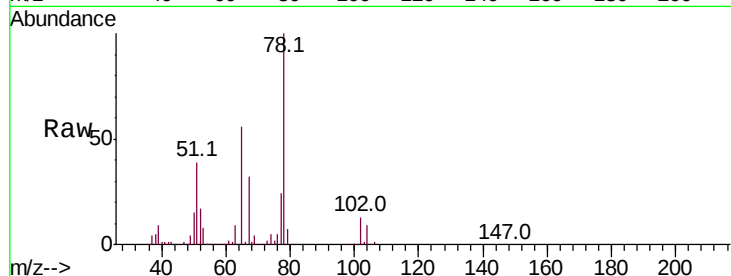




#33
 1,2-Dichloroethane-d4
 Concen: 49.798 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

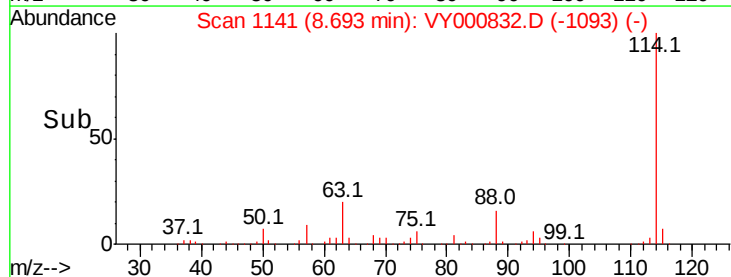
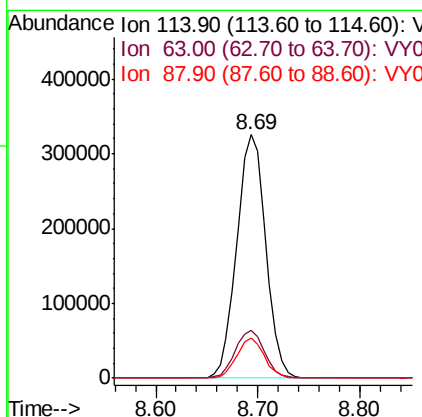
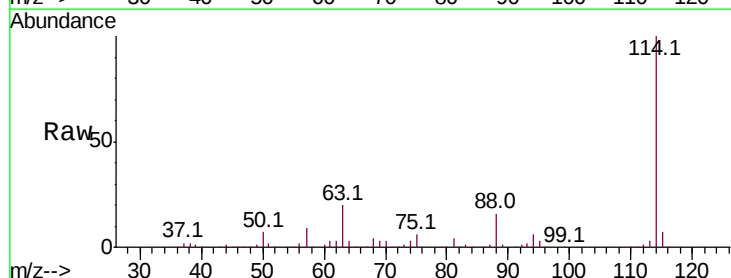
Instrument :
 MSVOA_Y
 ClientSampleId :

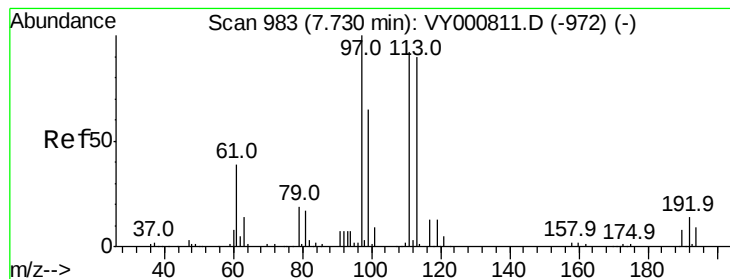
Tot Ion: 65 Resp: 194252
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Tgt Ion: 114 Resp: 639155
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.409 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :
MSVOA_Y
ClientSampled :

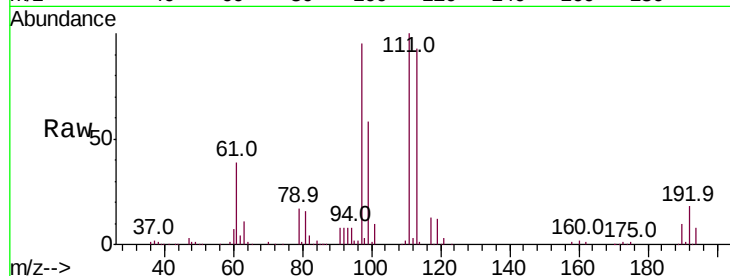
Tot Ion:113 Resp: 191498

Ion Ratio Lower Upper

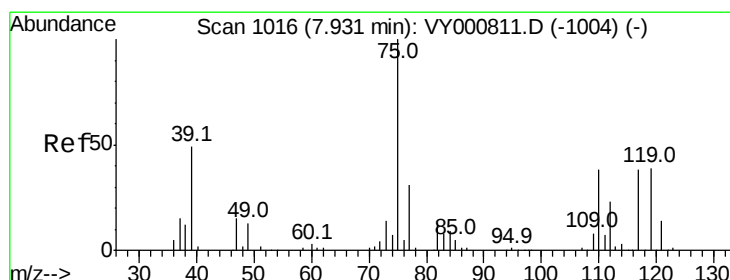
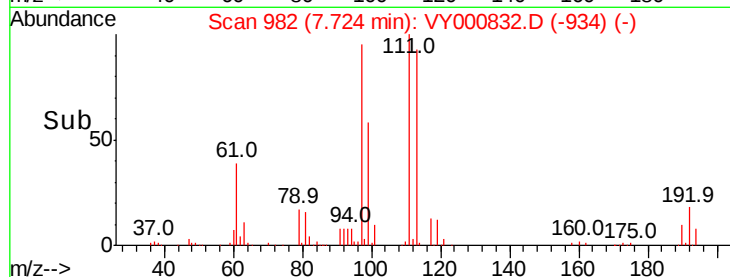
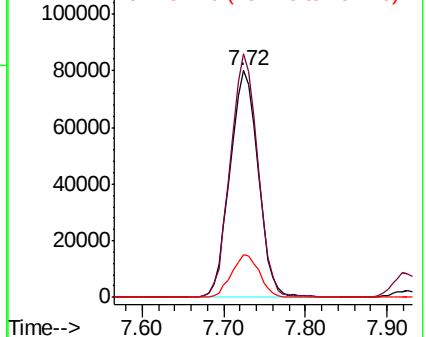
113 100

111 104.2 82.4 123.6

192 18.5 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.379 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

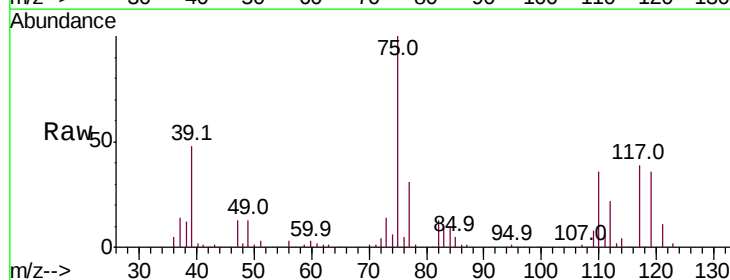
Tgt Ion: 75 Resp: 313809

Ion Ratio Lower Upper

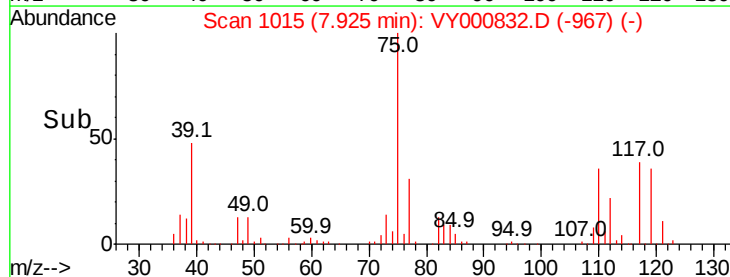
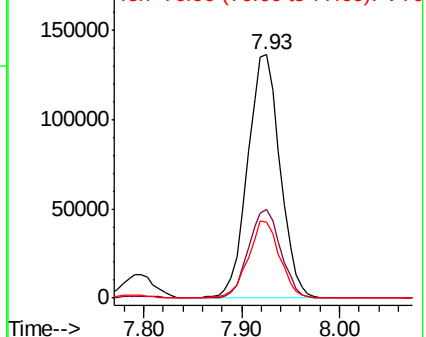
75 100

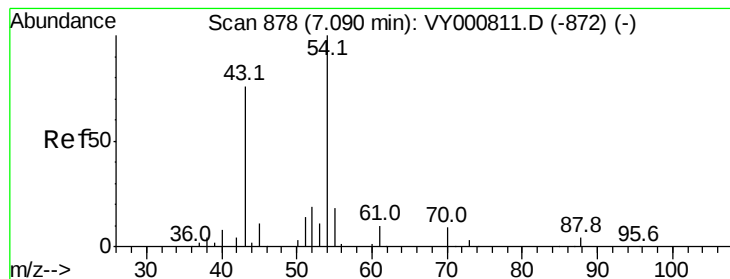
110 36.1 17.9 53.7

77 30.9 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 46.683 ug/l

RT: 7.08 min Scan# 876

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

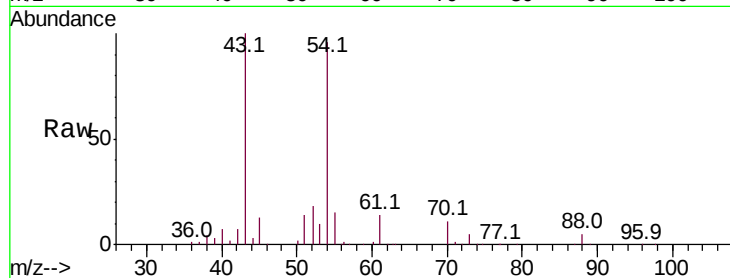
Tot Ion: 43 Resp: 171305

Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.8

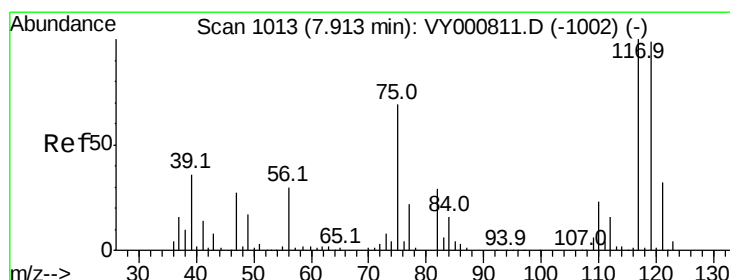
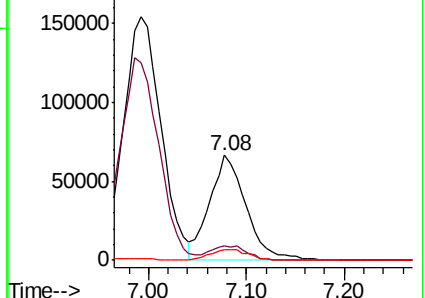
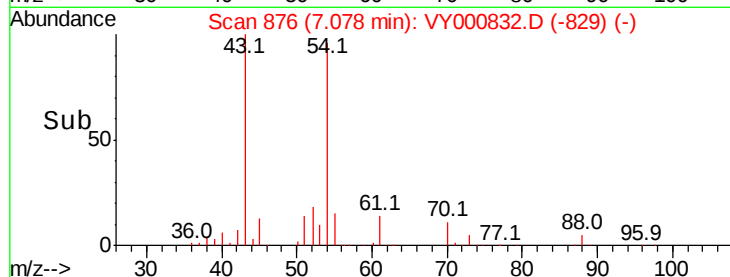
70 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 50.036 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

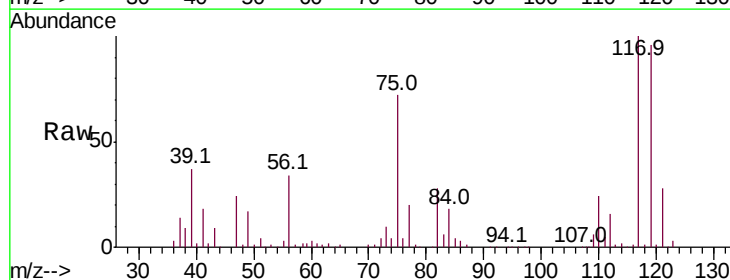
Tgt Ion: 117 Resp: 283187

Ion Ratio Lower Upper

117 100

119 95.8 79.3 118.9

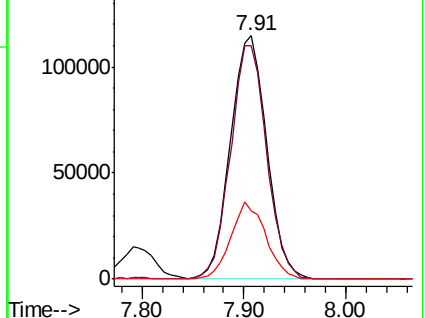
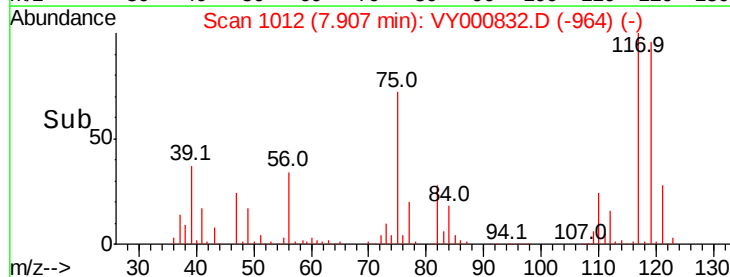
121 28.2 25.5 38.3

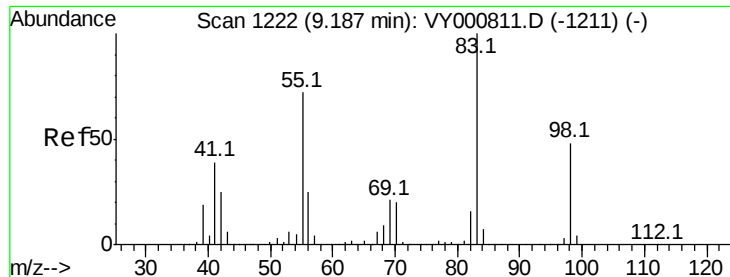


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

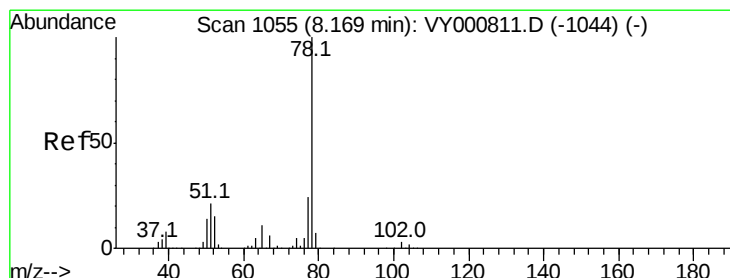
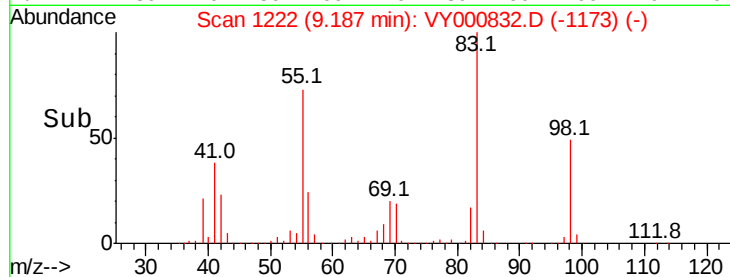
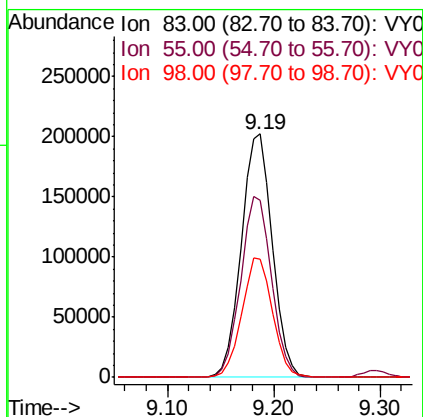
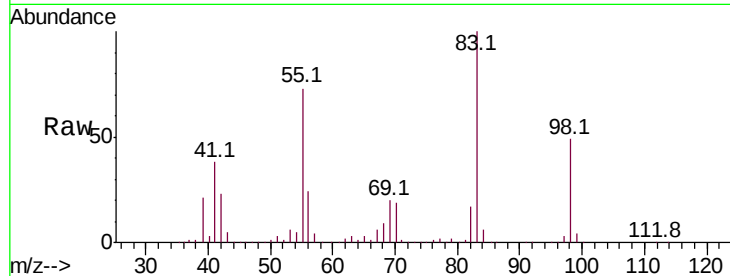




#39
Methvlcvclohexane
Concen: 49.184 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

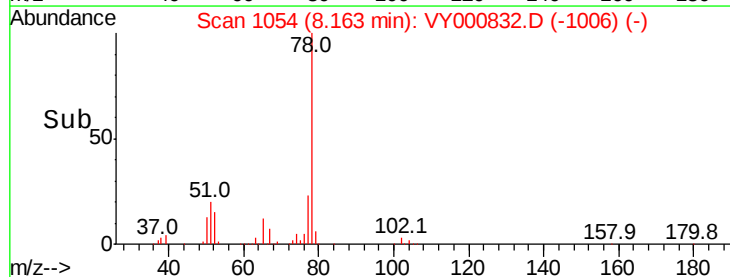
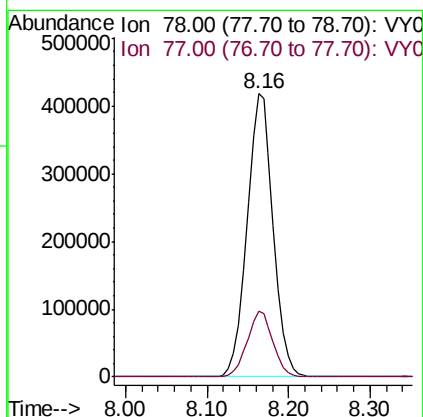
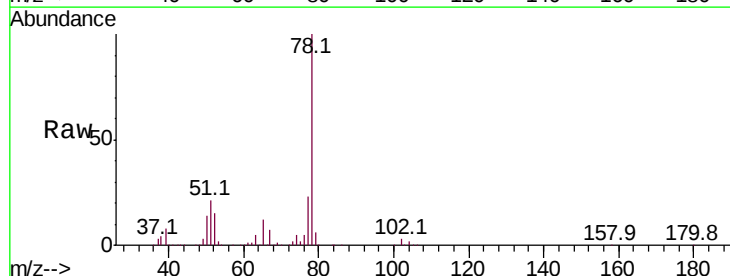
Instrument :
MSVOA_Y
ClientSampled :

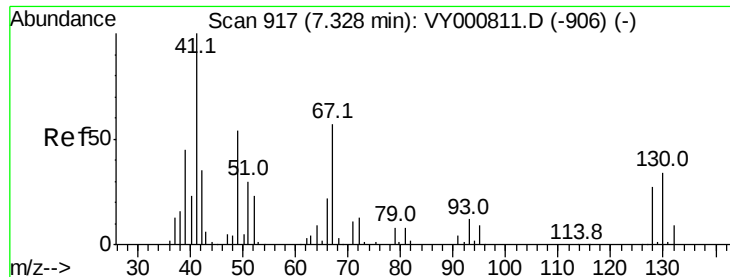
Tot Ion: 83 Resp: 414115
Ion Ratio Lower Upper
83 100
55 72.7 57.8 86.6
98 48.7 38.6 58.0



#40
Benzene
Concen: 49.972 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion: 78 Resp: 925042
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

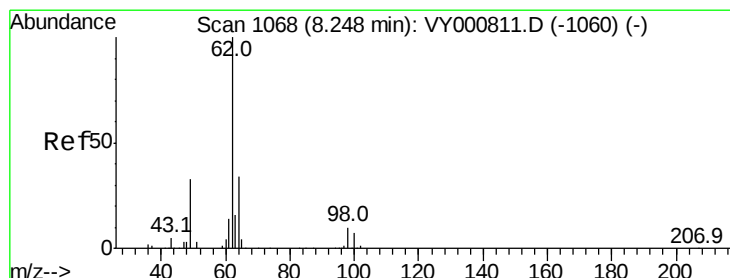
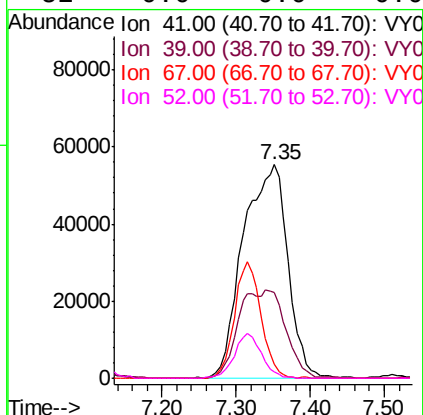
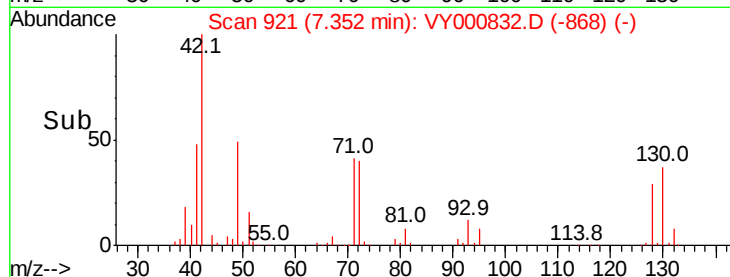
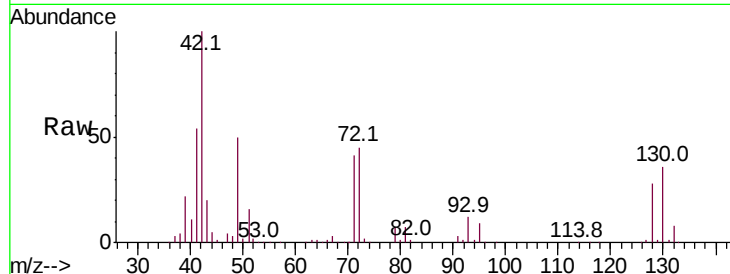




#41
Methacrylonitrile
Concen: 120.027 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

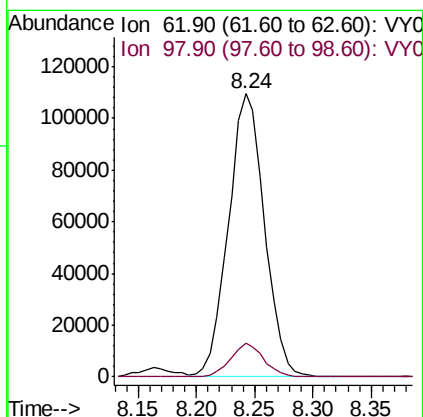
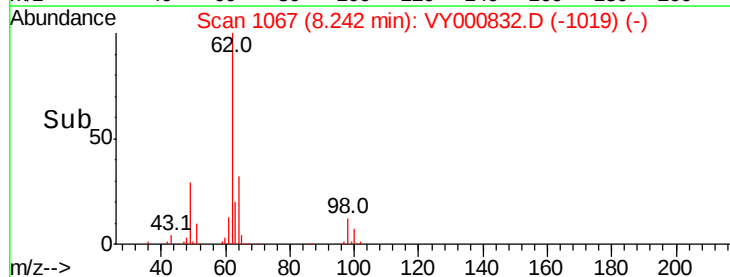
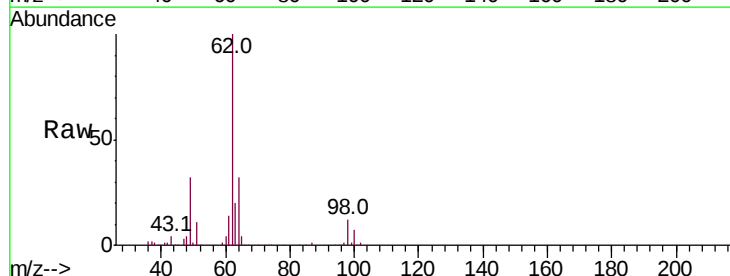
Instrument :
MSVOA_Y
ClientSampleId :

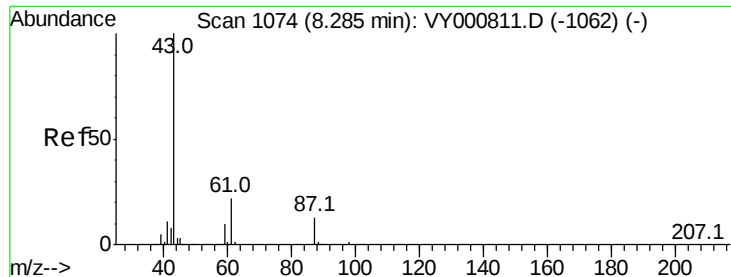
Tot Ion:	41	Resp:	232138
Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.507 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion:	62	Resp:	236145
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.4





#43

Isopropyl Acetate

Concen: 47.323 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

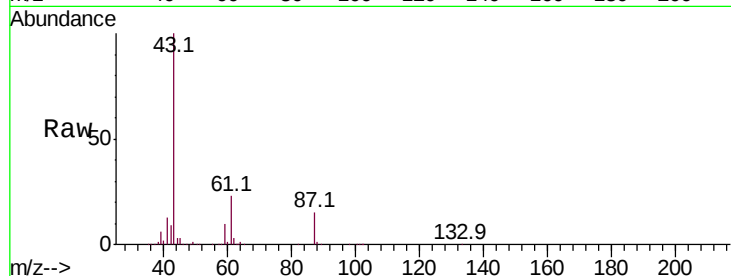
Tot Ion: 43 Resp: 327245

Ion Ratio Lower Upper

43 100

61 31.2 23.7 35.5

87 14.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)

8.28

150000

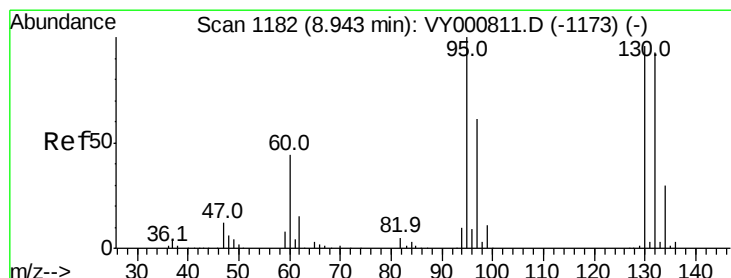
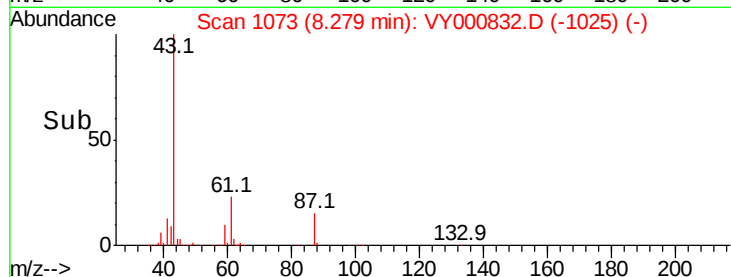
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 51.194 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000832.D

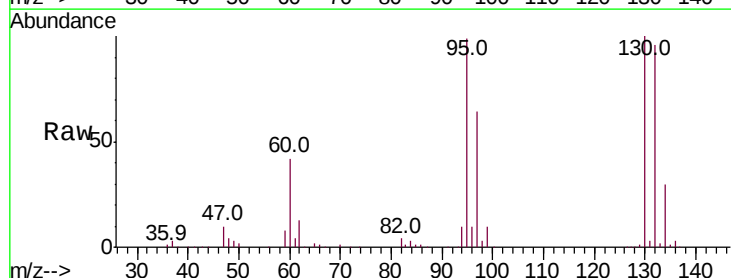
Acq: 03 Dec 2019 10:24

Tgt Ion:130 Resp: 243551

Ion Ratio Lower Upper

130 100

95 99.3 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)

8.94

150000

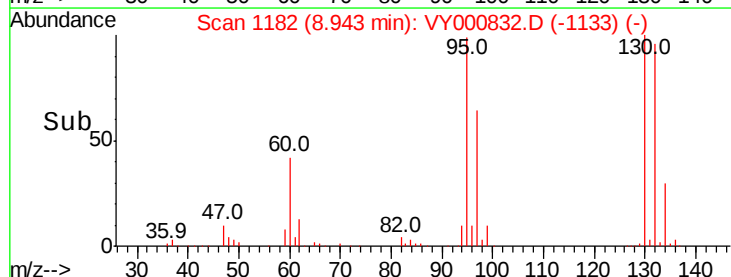
100000

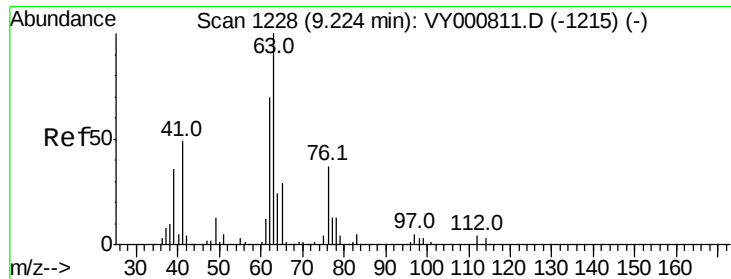
50000

0

8.85 8.90 8.95 9.00 9.05

Time-->





#45

1,2-Dichloropropane

Concen: 50.380 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

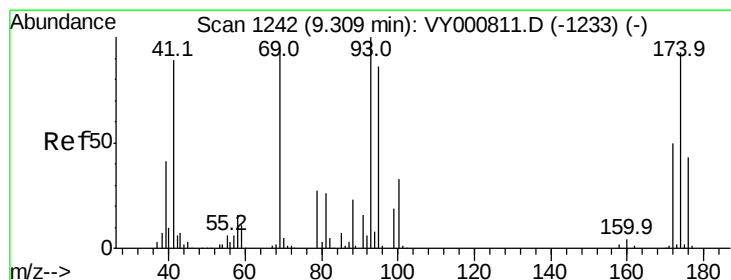
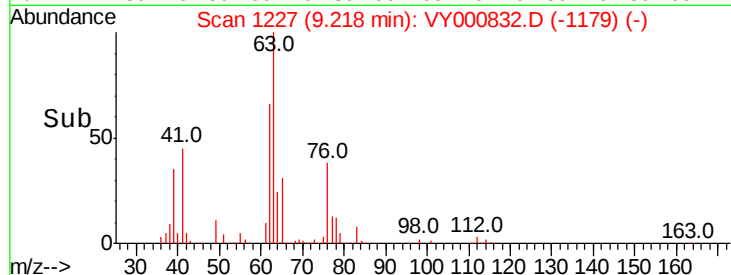
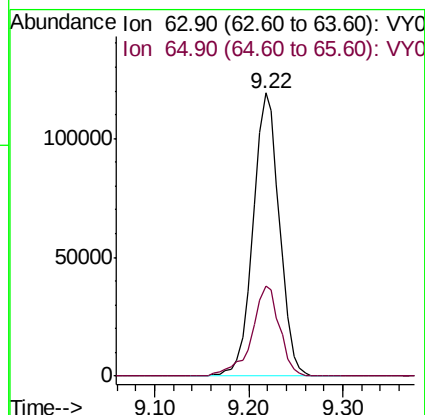
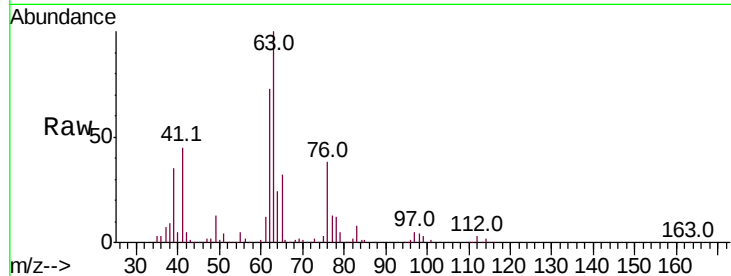
ClientSampleId :

Tot Ion: 63 Resp: 234256

Ion Ratio Lower Upper

63 100

65 31.7 23.2 34.8



#46

Dibromomethane

Concen: 50.103 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

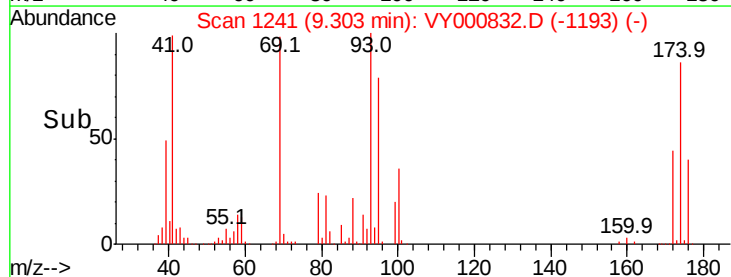
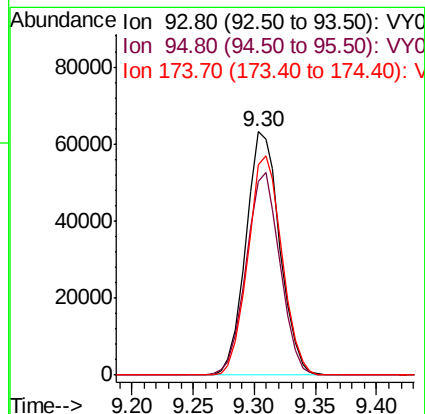
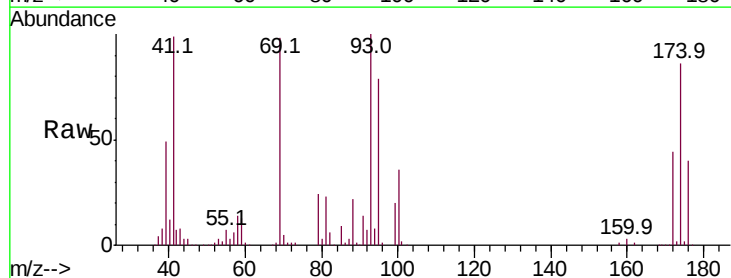
Tgt Ion: 93 Resp: 121722

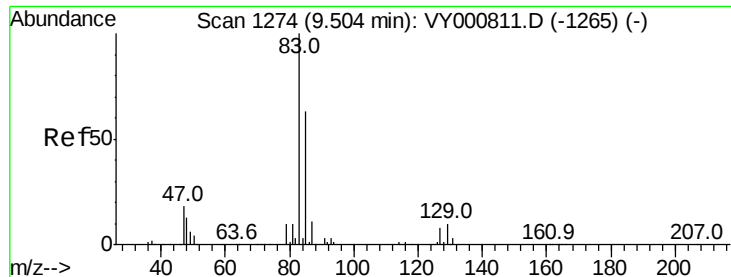
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 90.3 73.0 109.6





#47

Bromodichloromethane

Concen: 50.754 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

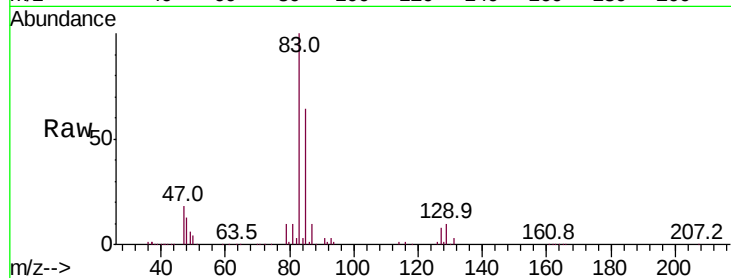
Tot Ion: 83 Resp: 289663

Ion Ratio Lower Upper

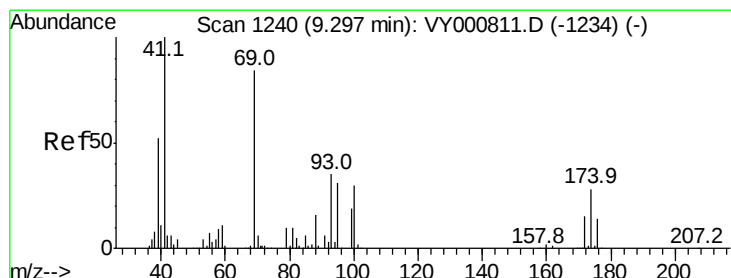
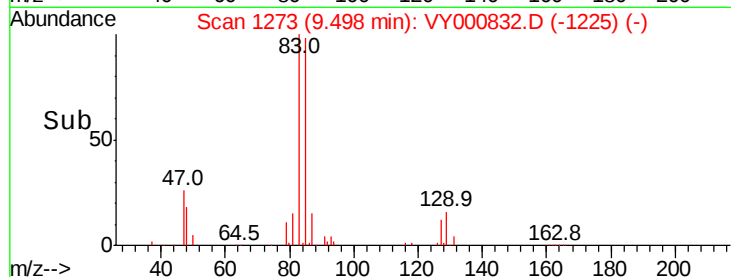
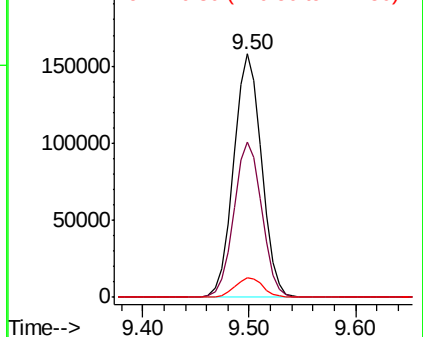
83 100

85 63.6 50.8 76.2

127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 46.628 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

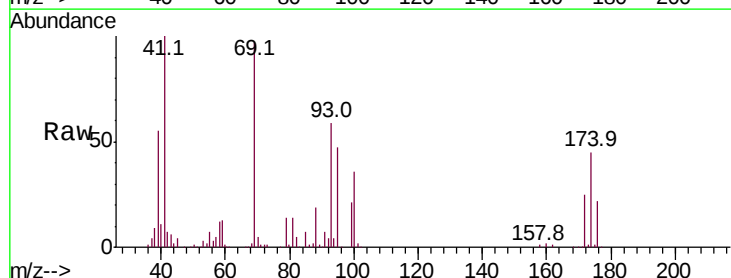
Tgt Ion: 41 Resp: 141787

Ion Ratio Lower Upper

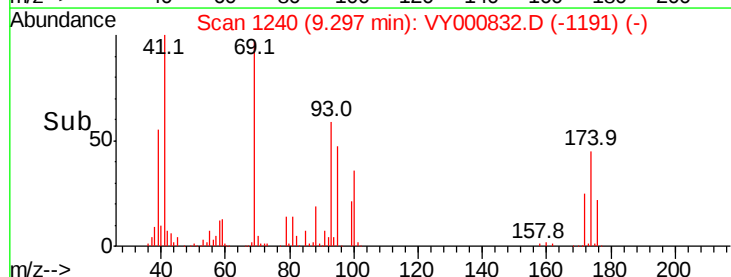
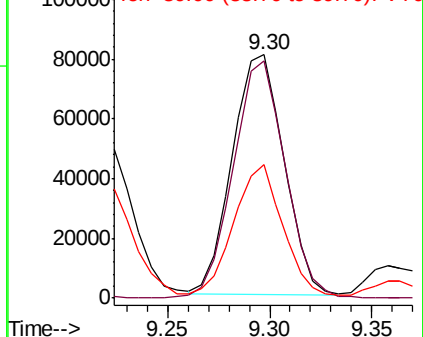
41 100

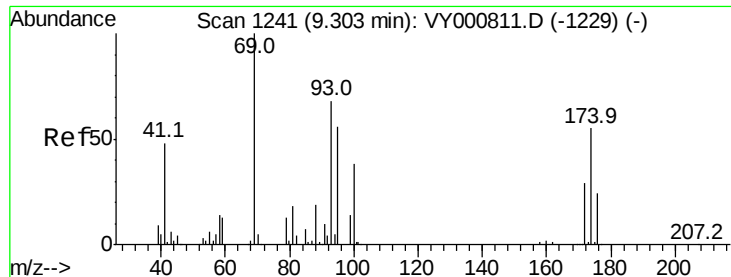
69 99.3 70.4 105.6

39 53.7 40.9 61.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 957.284 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :
MSVOA_Y
ClientSampleId :

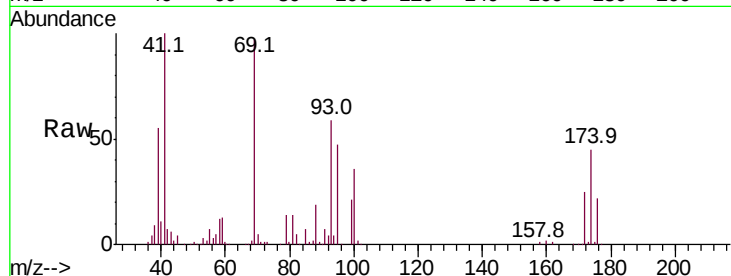
Tot Ion: 88 Resp: 32953

Ion Ratio Lower Upper

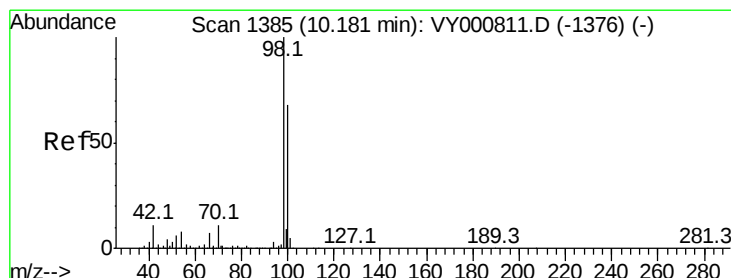
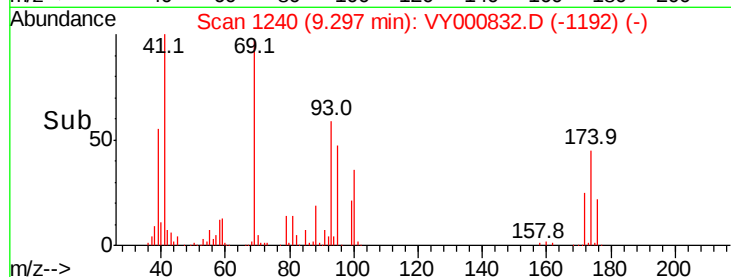
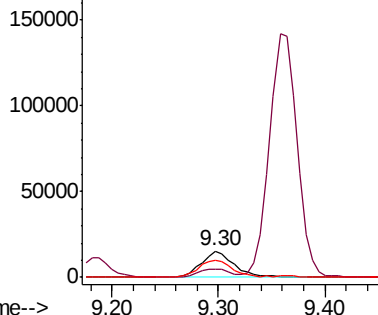
88 100

43 30.2 21.1 31.7

58 66.5 50.7 76.1



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 53.317 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000832.D

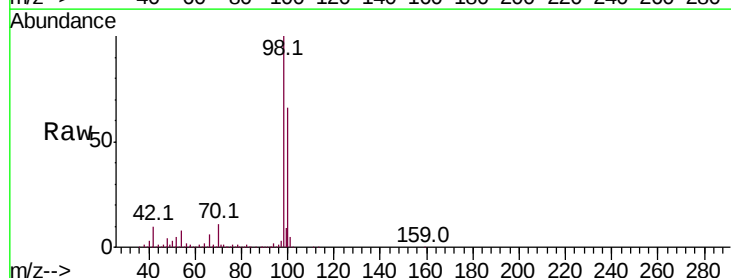
Acq: 03 Dec 2019 10:24

Tgt Ion: 98 Resp: 794014

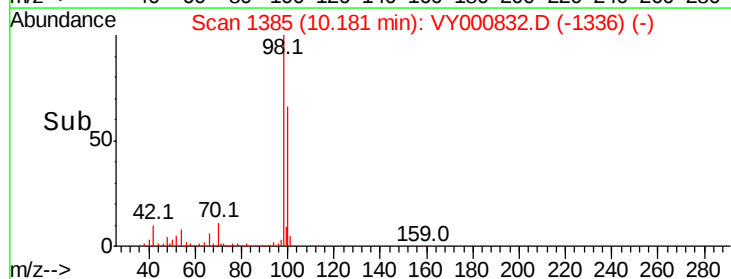
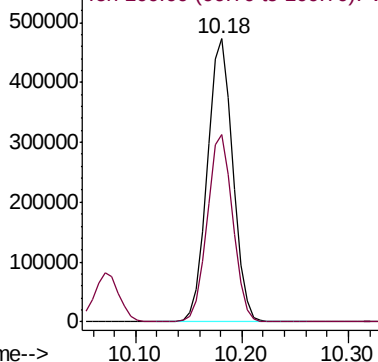
Ion Ratio Lower Upper

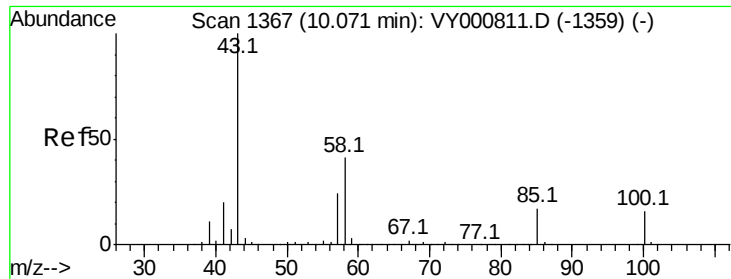
98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

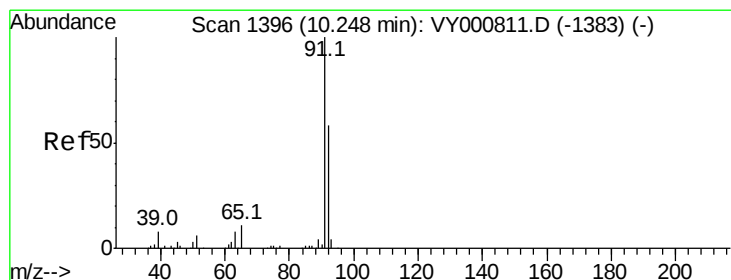
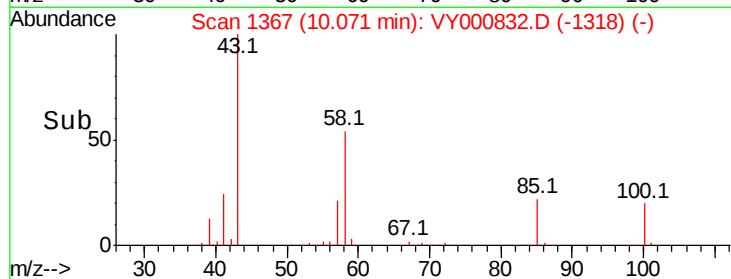
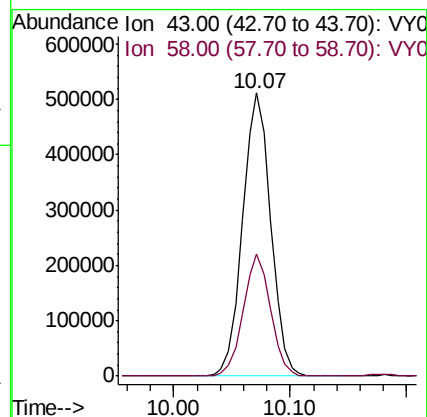
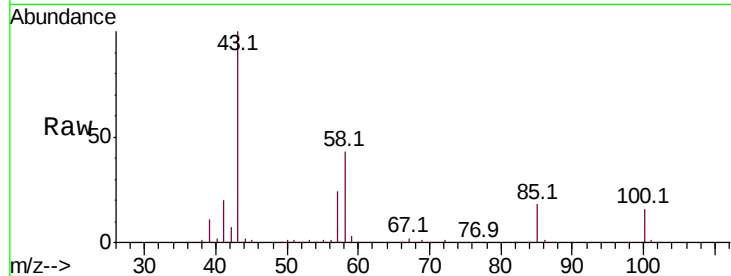




#51
4-Methyl-2-Pentanone
Concen: 240.691 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

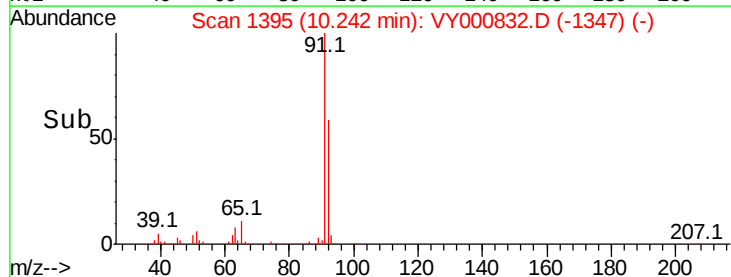
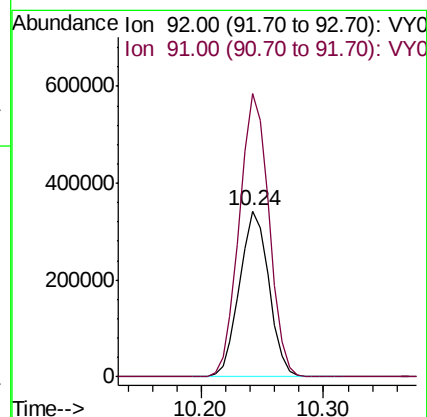
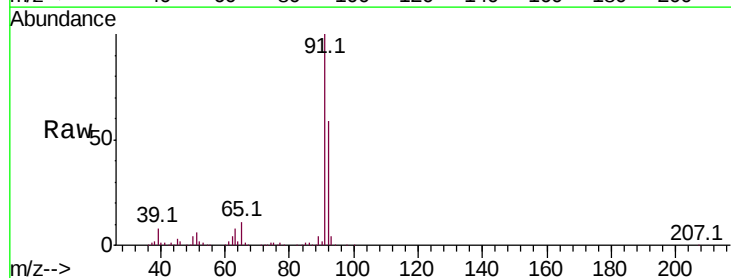
Instrument :
MSVOA_Y
ClientSampled :

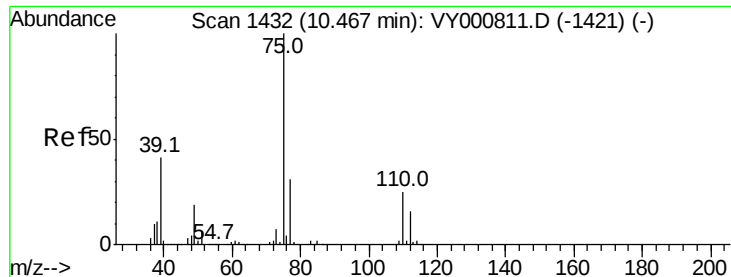
Tot Ion: 43 Resp: 859965
Ion Ratio Lower Upper
43 100
58 41.9 33.1 49.7



#52
Toluene
Concen: 49.777 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion: 92 Resp: 570514
Ion Ratio Lower Upper
92 100
91 172.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 52.070 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

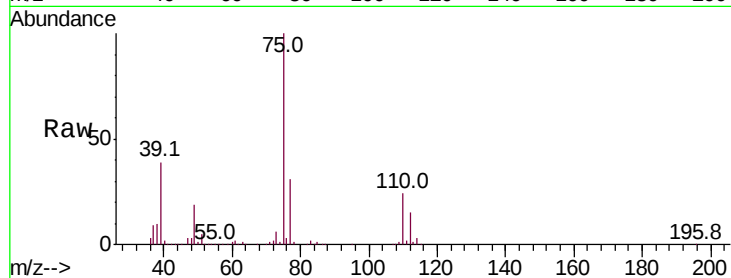
ClientSampleId :

Tot Ion: 75 Resp: 319272

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.46

200000

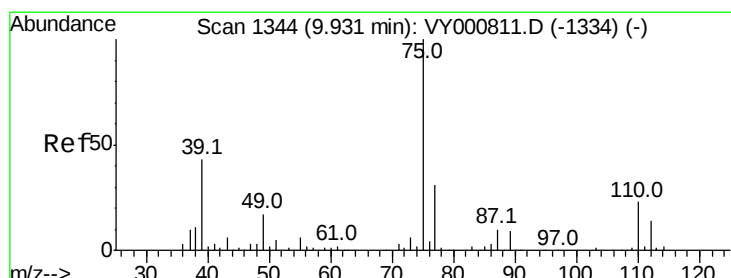
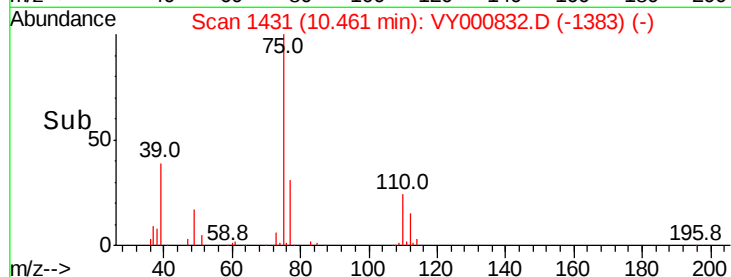
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.377 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

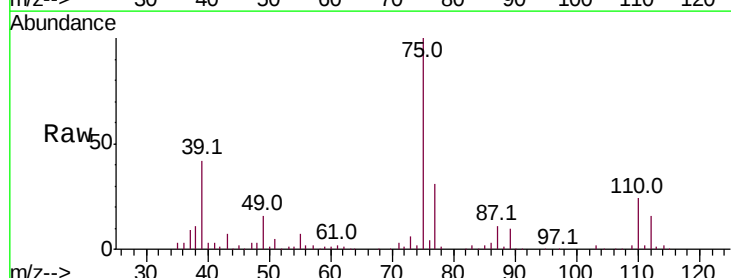
Tgt Ion: 75 Resp: 372356

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

39 42.4 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

250000

200000

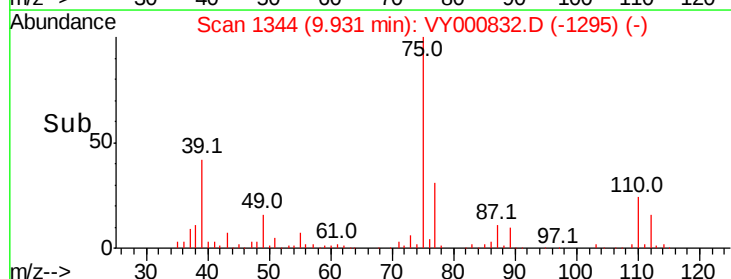
150000

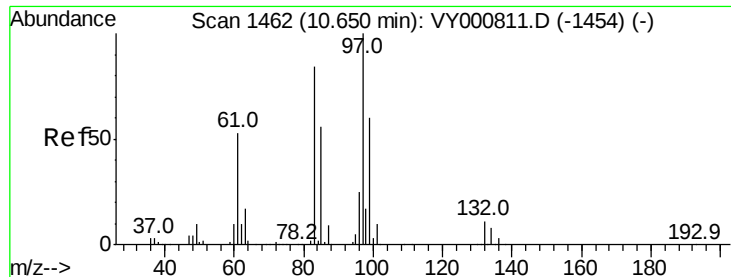
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.978 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 179389

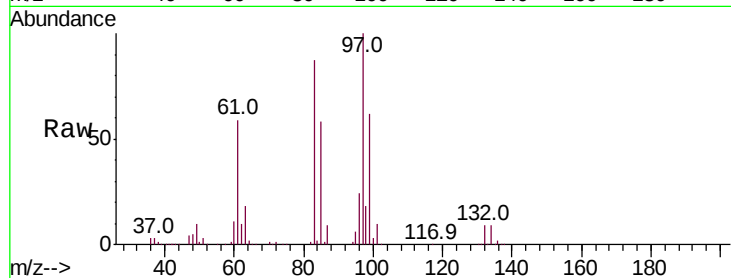
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.5	101.3
85	57.5	44.5	66.7
99	61.5	47.7	71.5

97 100

83 87.3 67.5 101.3

85 57.5 44.5 66.7

99 61.5 47.7 71.5

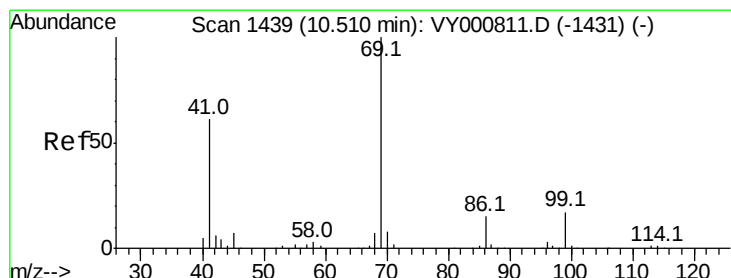
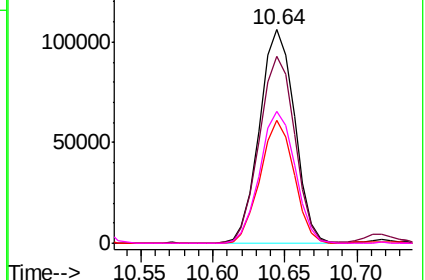
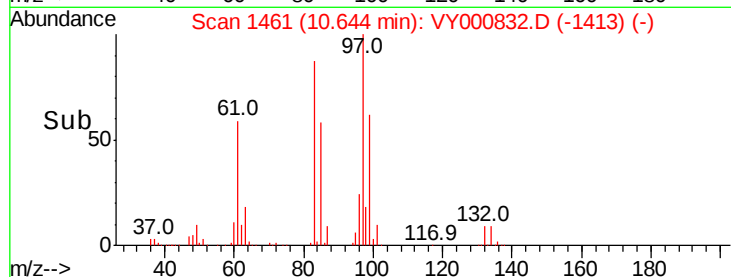


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 52.183 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

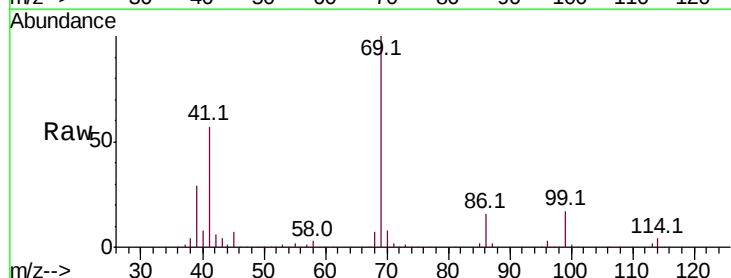
Tgt Ion: 69 Resp: 267946

Ion	Ratio	Lower	Upper
69	100		
41	58.4	49.0	73.6
39	28.8	23.1	34.7

69 100

41 58.4 49.0 73.6

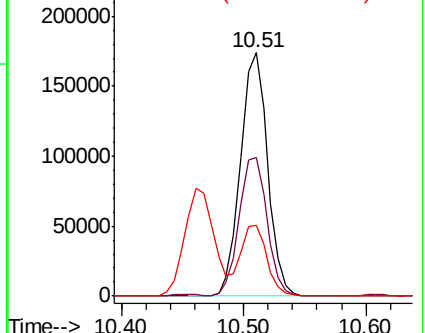
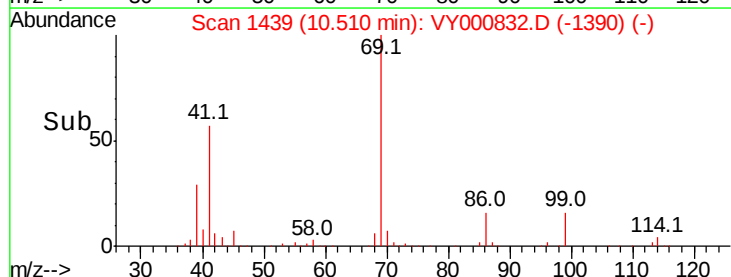
39 28.8 23.1 34.7

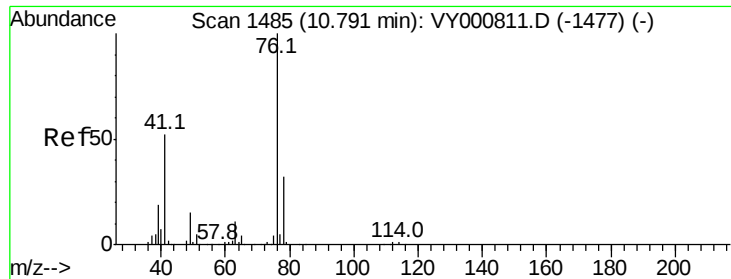


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 49.974 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

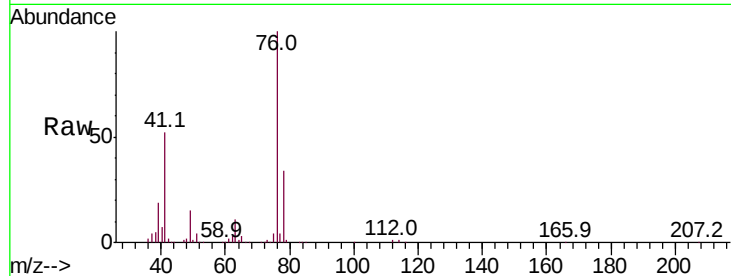
ClientSampleId :

Tot Ion: 76 Resp: 312629

Ion Ratio Lower Upper

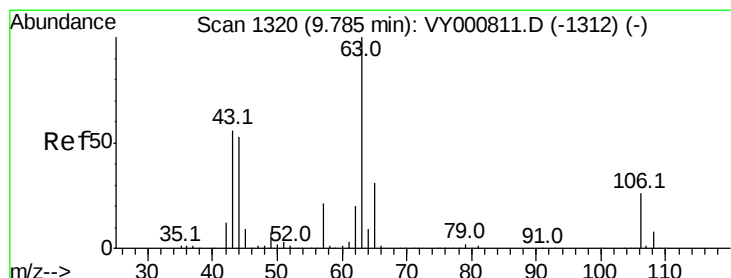
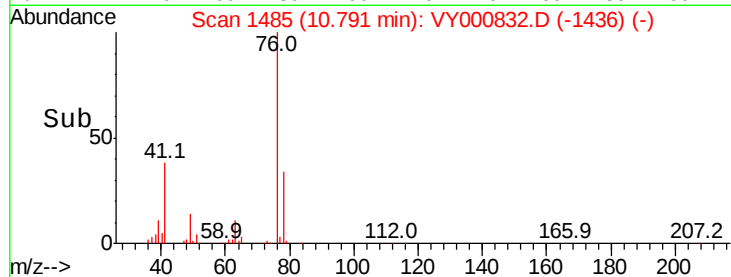
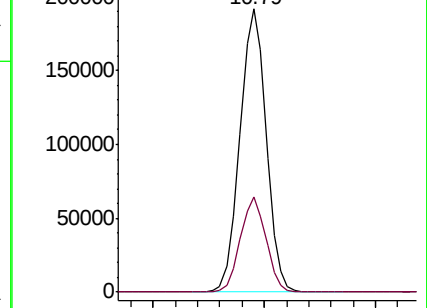
76 100

78 32.8 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 235.248 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000832.D

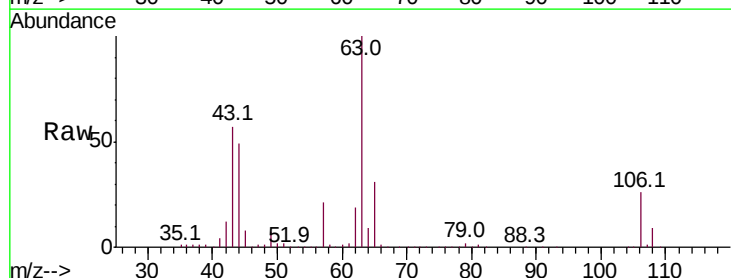
Acq: 03 Dec 2019 10:24

Tgt Ion: 63 Resp: 487051

Ion Ratio Lower Upper

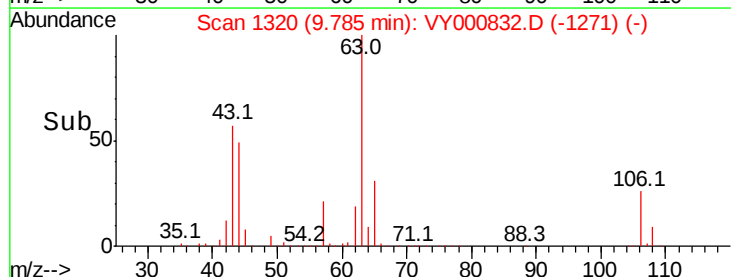
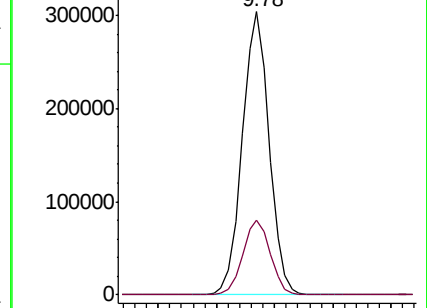
63 100

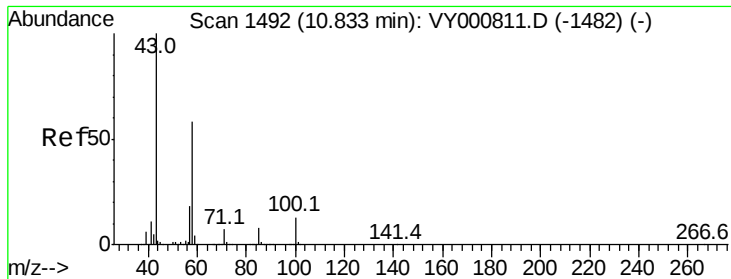
106 27.2 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

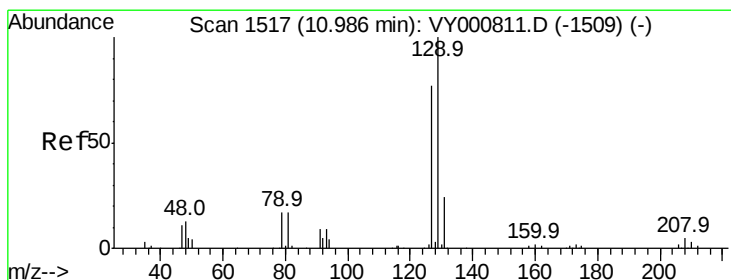
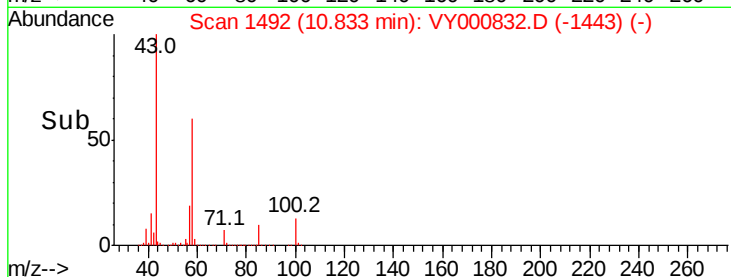
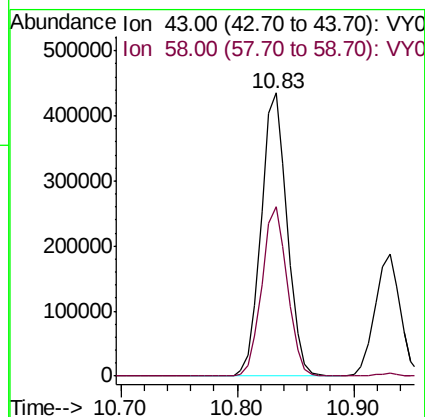
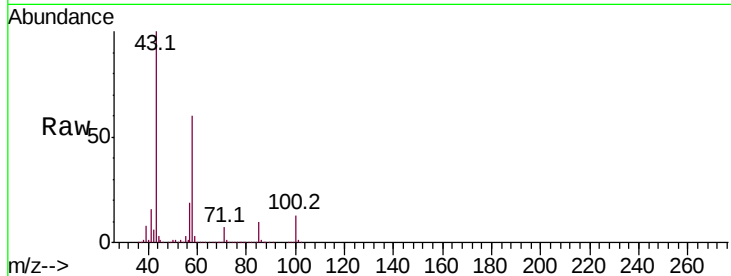




#59
2-Hexanone
Concen: 258.556 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

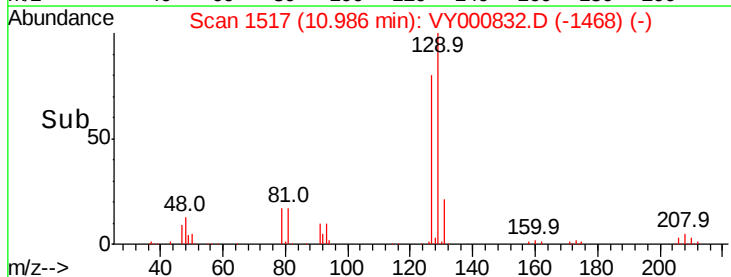
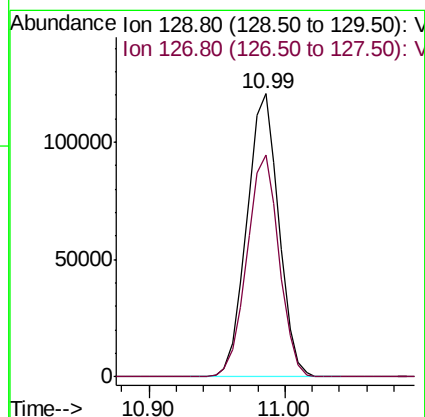
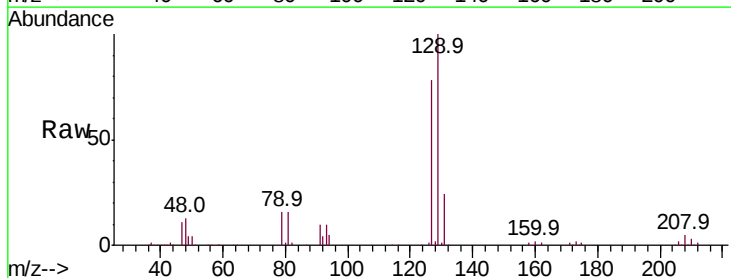
Instrument :
MSVOA_Y
ClientSampleId :

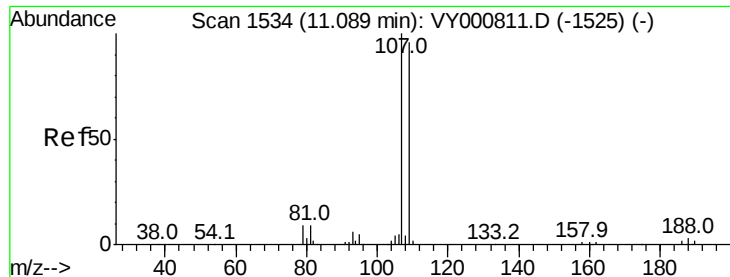
Tot Ion: 43 Resp: 673147
Ion Ratio Lower Upper
43 100
58 58.7 29.0 87.1



#60
Dibromochloromethane
Concen: 51.359 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion: 129 Resp: 198449
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

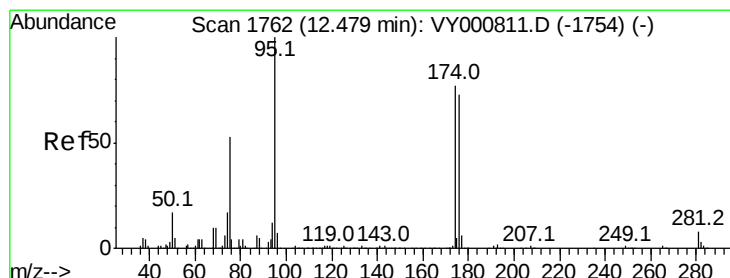
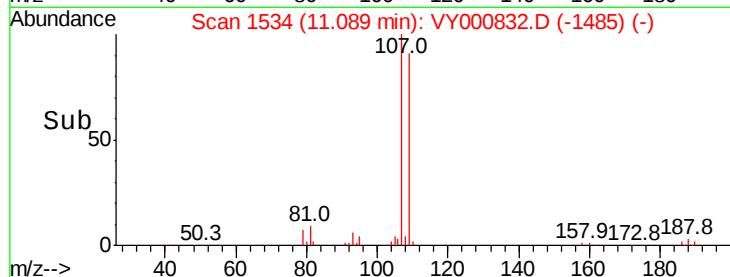
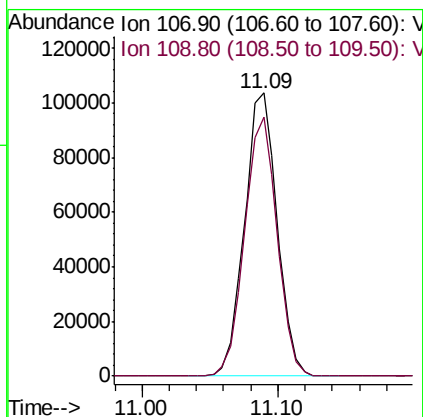
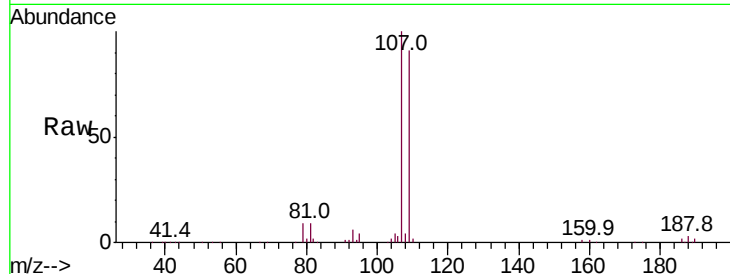




#61
 1,2-Dibromoethane
 Concen: 51.474 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

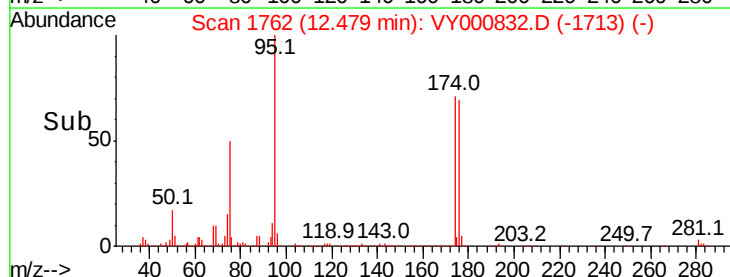
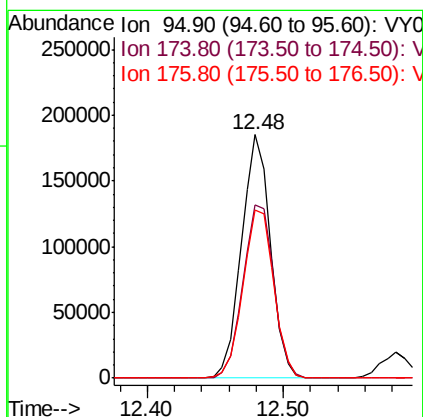
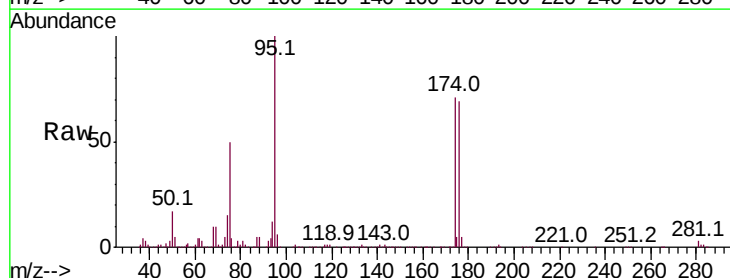
Instrument :
 MSVOA_Y
 ClientSampleId :

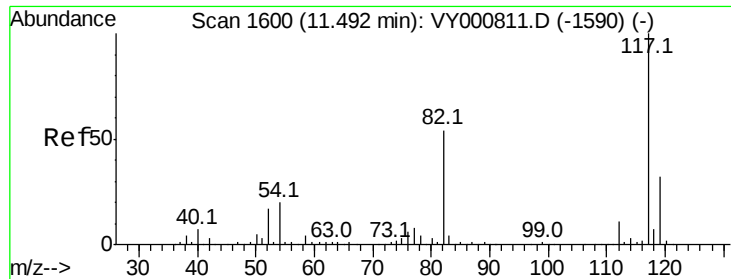
Tot Ion:107 Resp: 174124
 Ion Ratio Lower Upper
 107 100
 109 91.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.191 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Tgt Ion: 95 Resp: 275116
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 150.6
 176 73.8 0.0 145.2

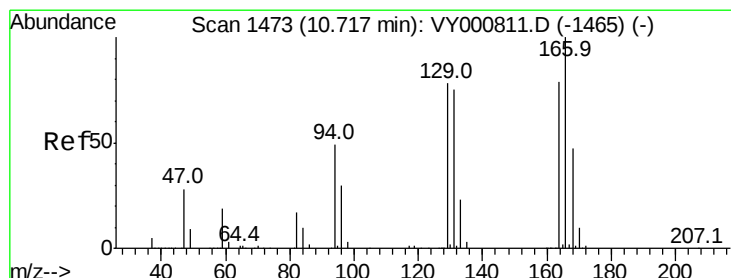
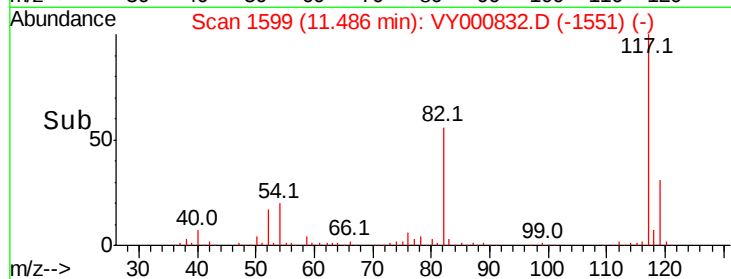
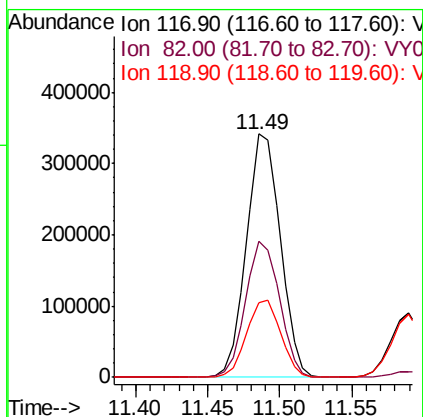
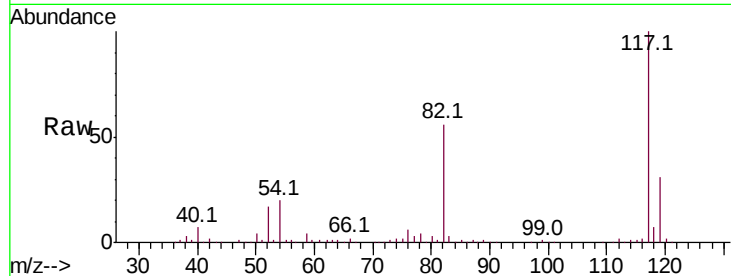




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

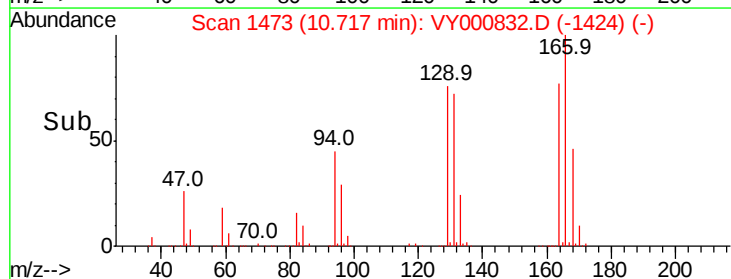
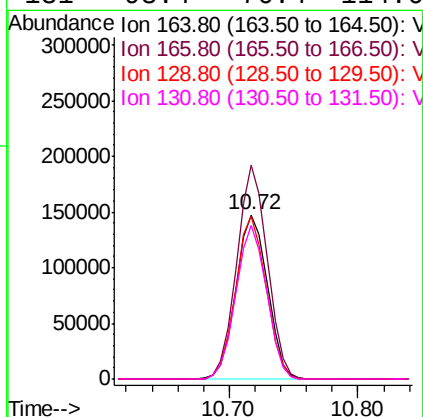
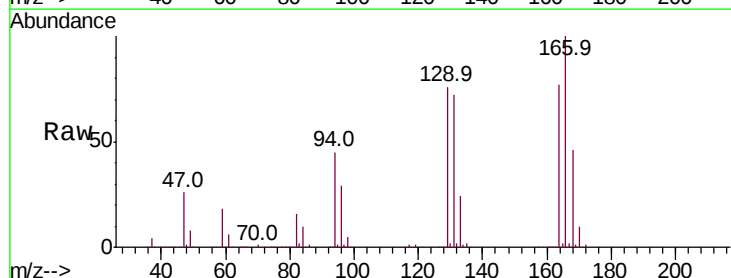
Instrument :
MSVOA_Y
ClientSampleId :

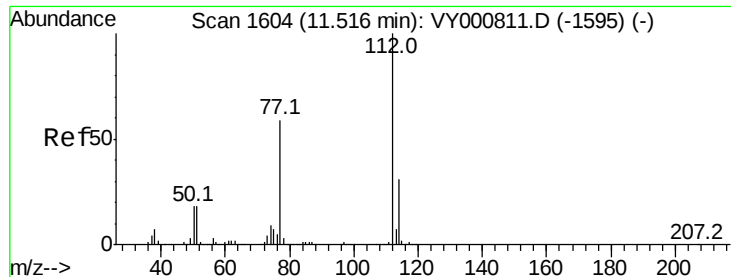
Tot Ion:117 Resp: 557335
Ion Ratio Lower Upper
117 100
82 55.8 43.1 64.7
119 30.6 25.3 37.9



#64
Tetrachloroethene
Concen: 51.485 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion:164 Resp: 249304
Ion Ratio Lower Upper
164 100
166 130.0 101.8 152.8
129 99.0 79.3 118.9
131 93.4 76.4 114.6

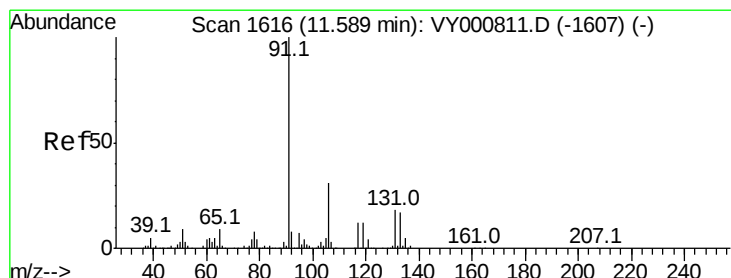
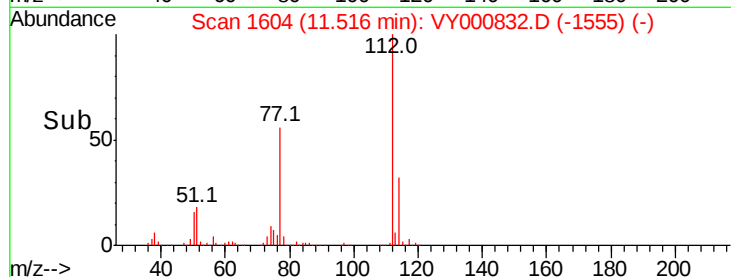
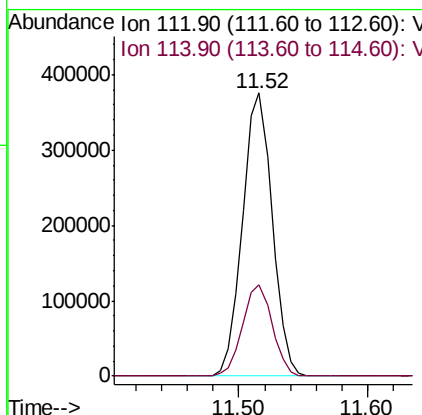
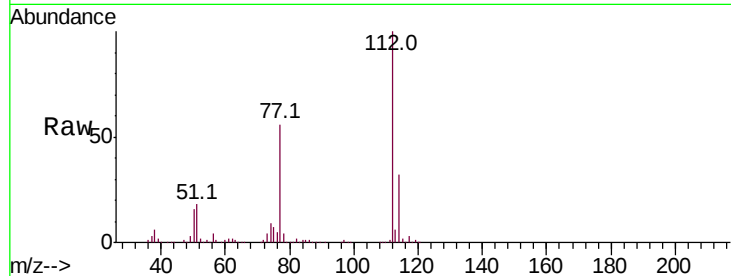




#65
Chlorobenzene
Concen: 51.508 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

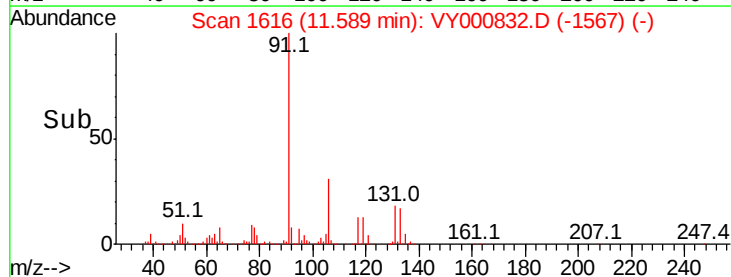
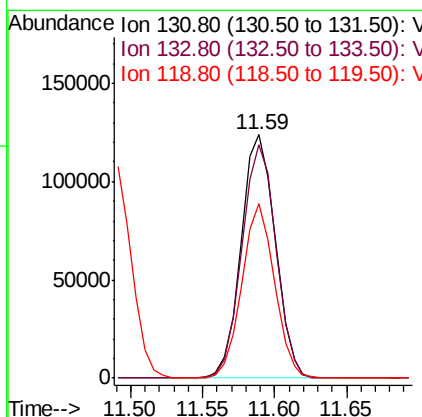
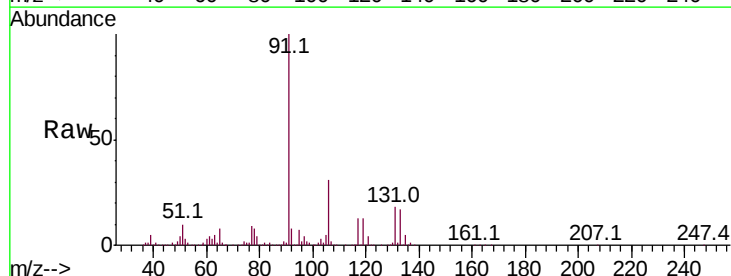
Instrument :
MSVOA_Y
ClientSampled :

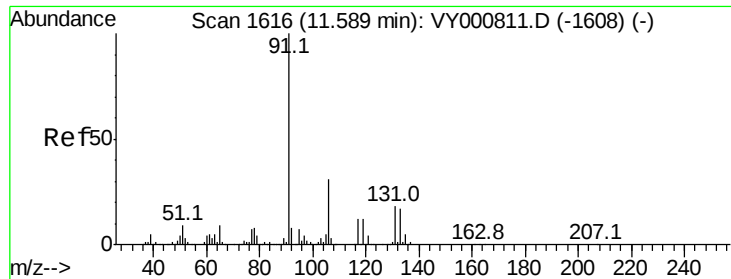
Tot Ion:112 Resp: 596721
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.128 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion:131 Resp: 203519
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 68.3 33.8 101.3





#67

Ethyl Benzene

Concen: 51.030 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

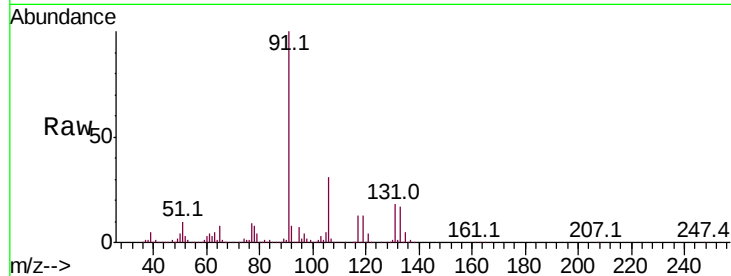
ClientSampled :

Tot Ion: 91 Resp: 1101014

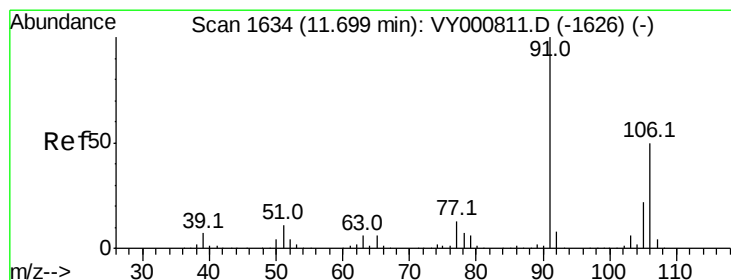
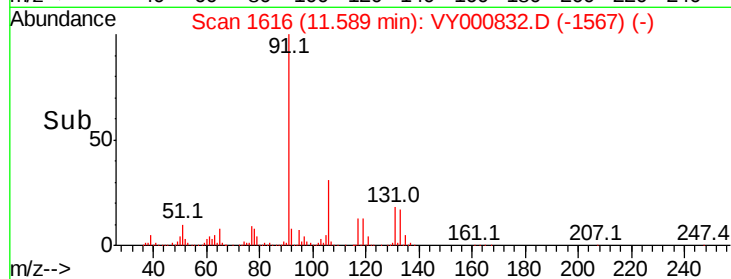
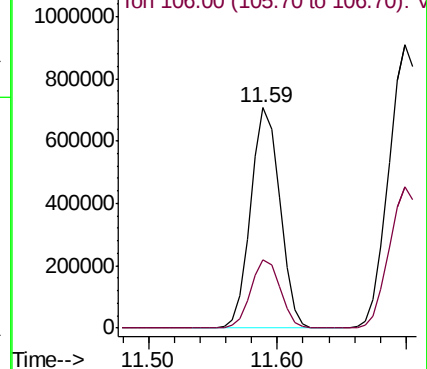
Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1608) (-)



#68

m/p-Xylenes

Concen: 101.321 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000832.D

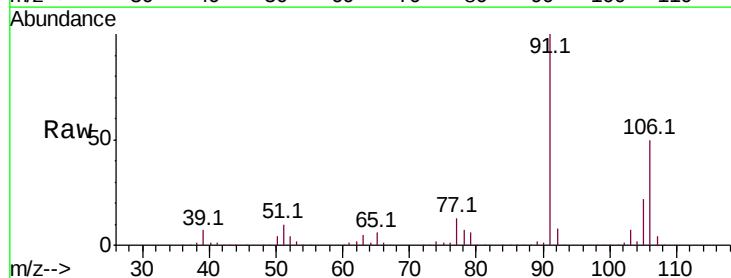
Acq: 03 Dec 2019 10:24

Tgt Ion: 106 Resp: 820536

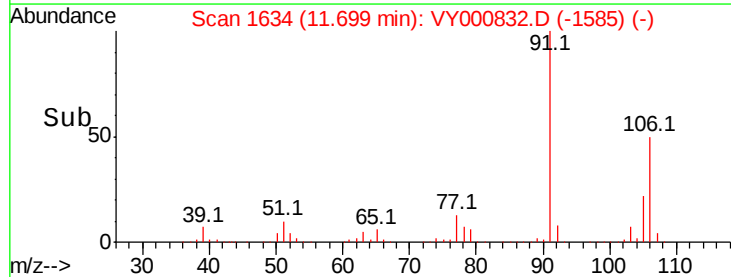
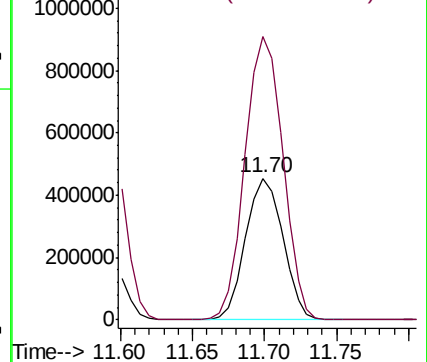
Ion Ratio Lower Upper

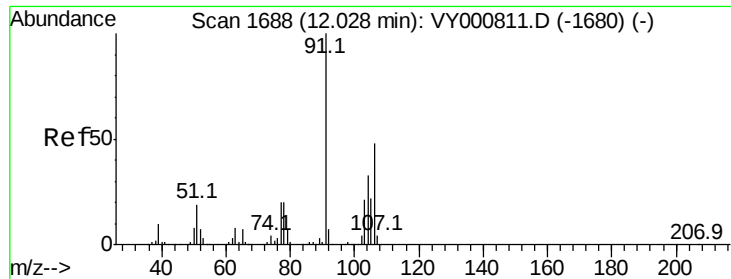
106 100

91 202.6 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): VY000811.D (-1626) (-)

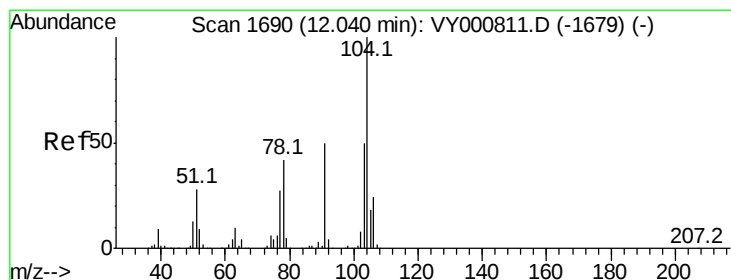
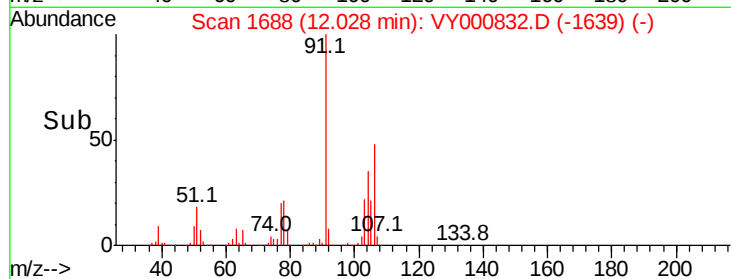
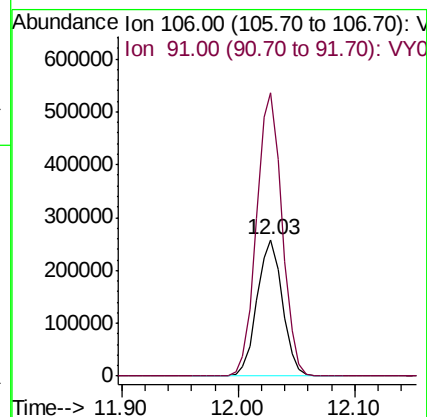
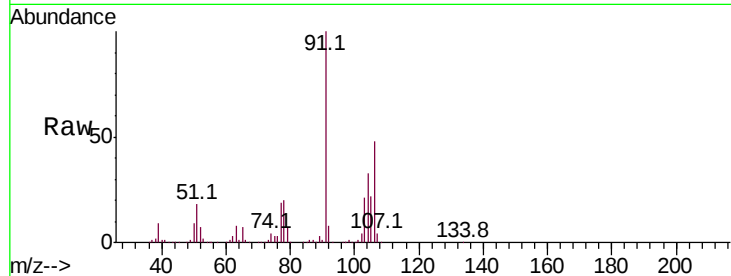




#69
o-Xylene
Concen: 52.082 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

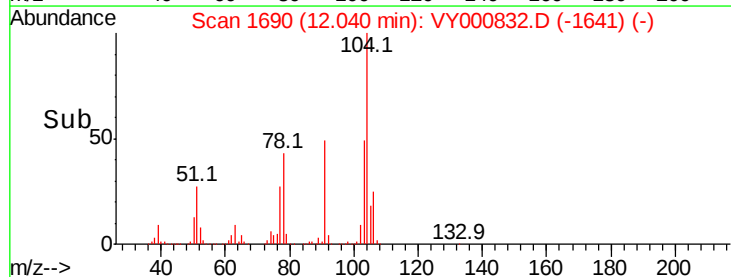
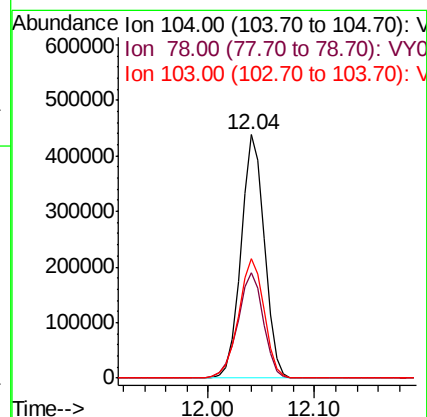
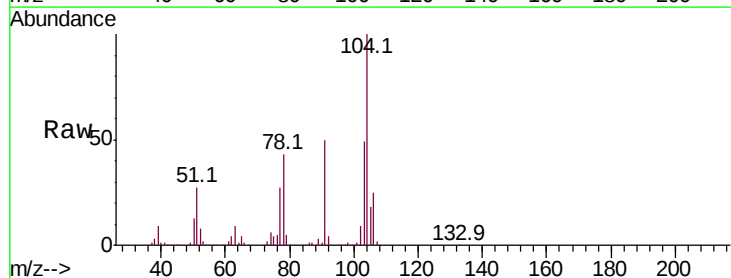
Instrument :
MSVOA_Y
ClientSampleId :

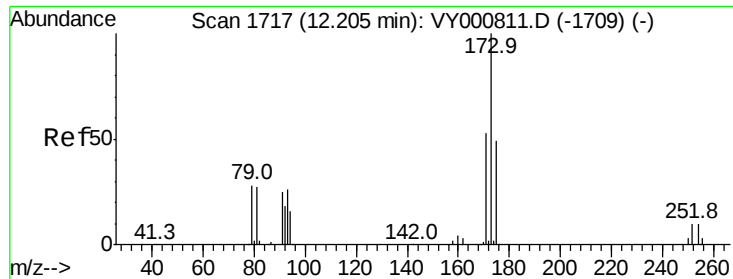
Tot Ion:106 Resp: 393263
Ion Ratio Lower Upper
106 100
91 208.3 106.1 318.1



#70
Styrene
Concen: 52.237 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion:104 Resp: 675390
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.4
103 53.3 43.4 65.0





#71

Bromoform

Concen: 53.229 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

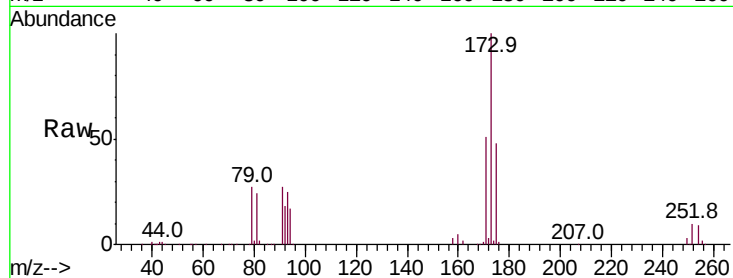
Tot Ion:173 Resp: 117208

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

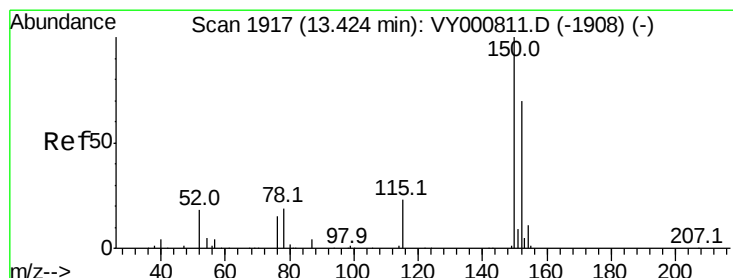
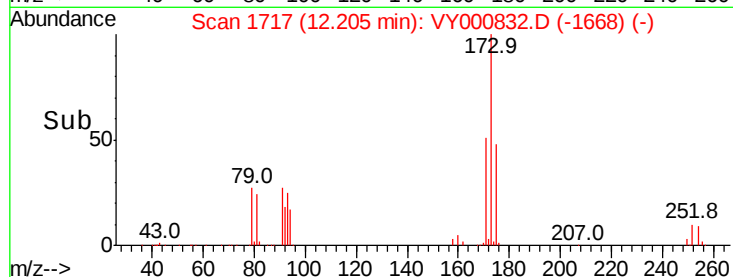
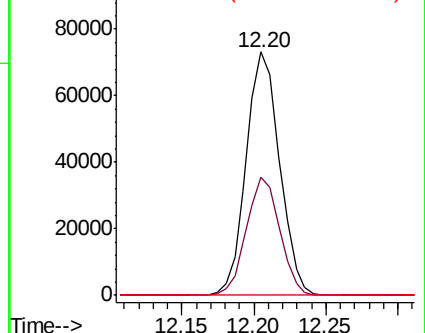
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

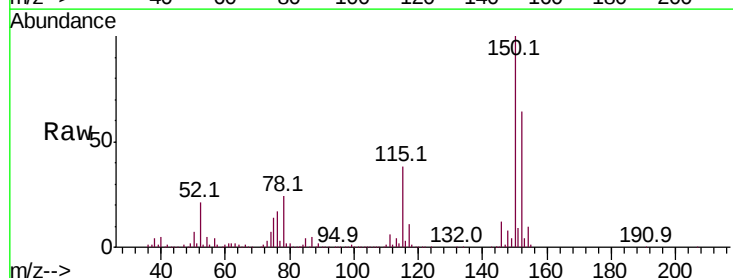
Tgt Ion:152 Resp: 259146

Ion Ratio Lower Upper

152 100

115 59.9 29.3 87.8

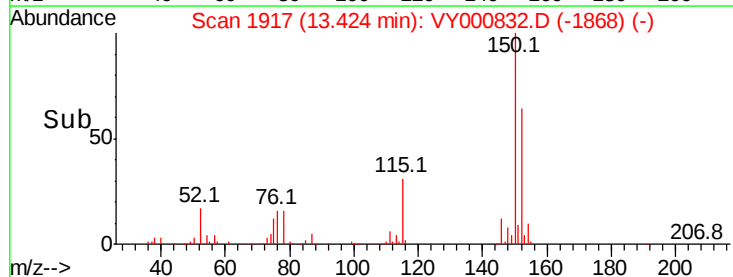
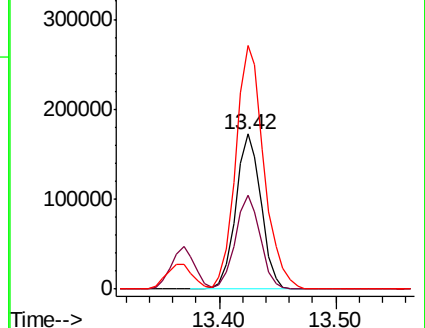
150 175.1 0.0 351.2

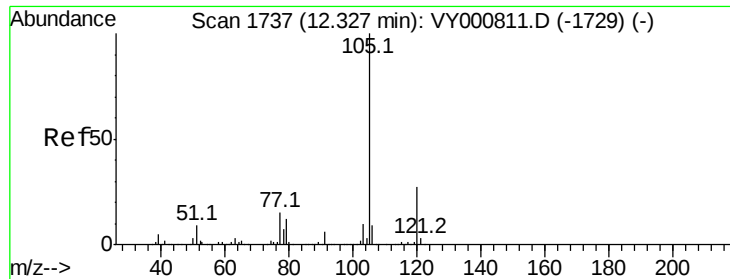


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.728 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

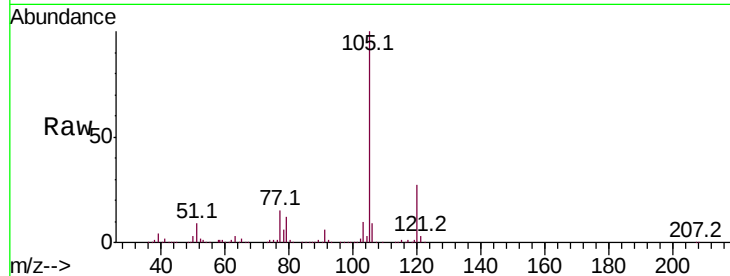
ClientSampleId :

Tot Ion:105 Resp: 1046719

Ion Ratio Lower Upper

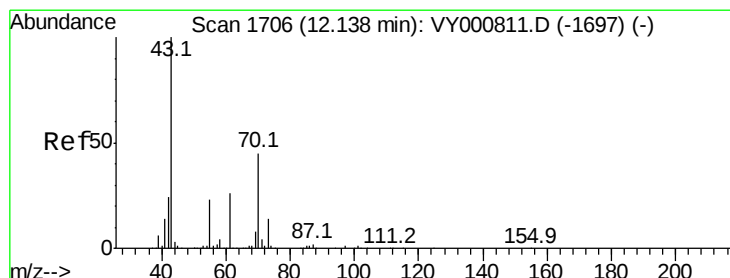
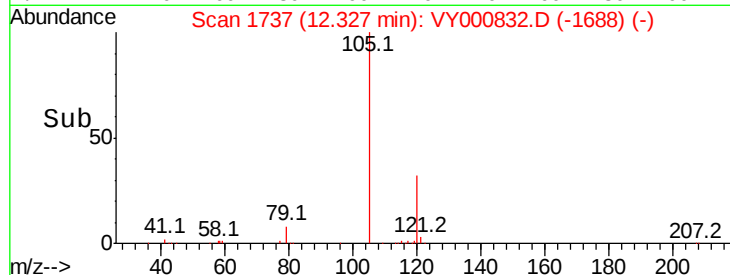
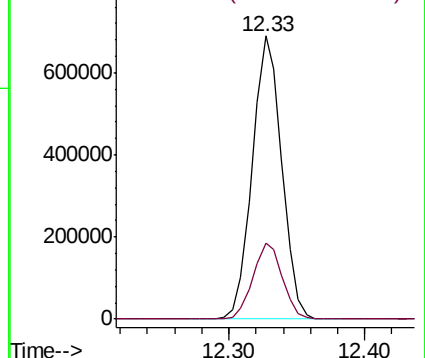
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.569 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Tgt Ion: 43 Resp: 284679

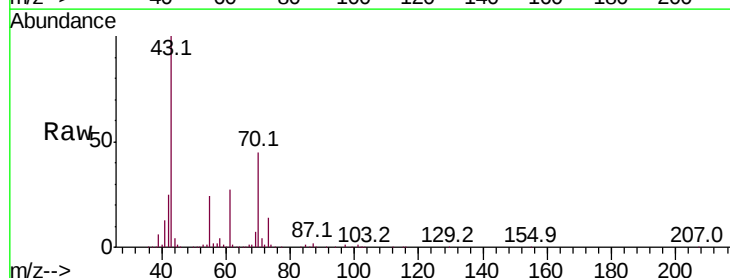
Ion Ratio Lower Upper

43 100

70 45.5 36.6 54.8

55 23.9 18.8 28.2

61 27.3 21.0 31.6

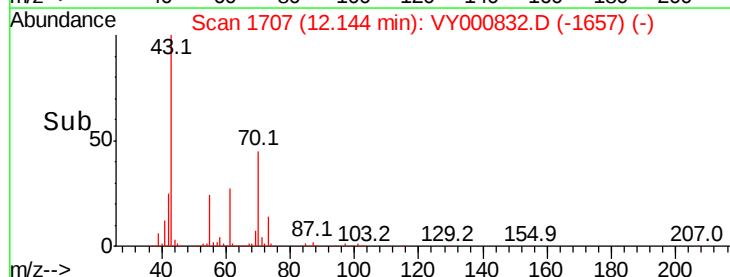
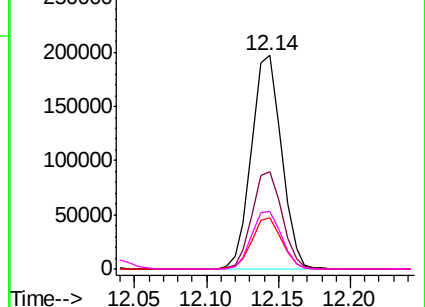


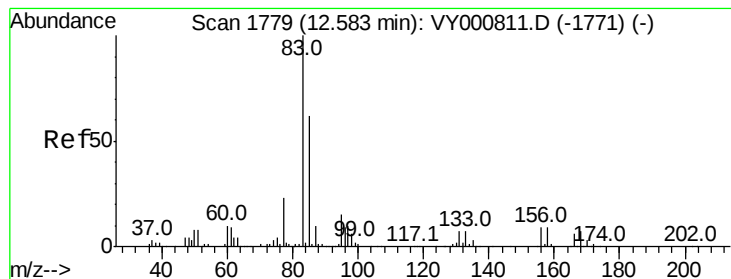
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.224 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

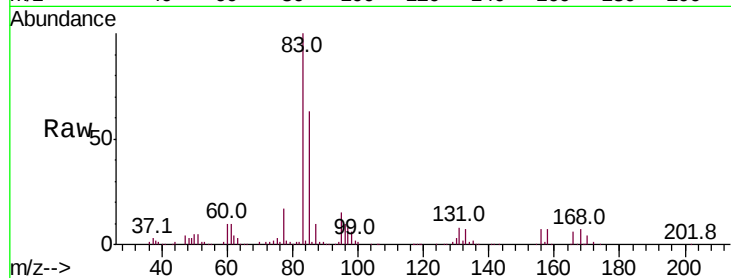
Tot Ion: 83 Resp: 200126

Ion Ratio Lower Upper

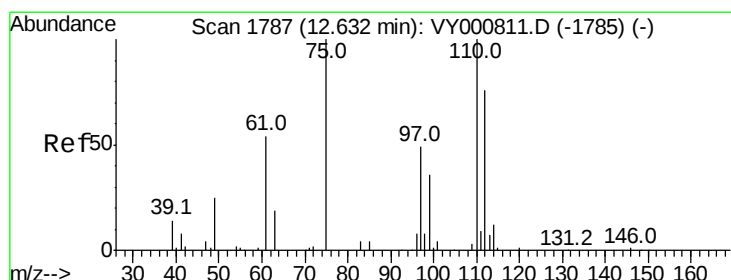
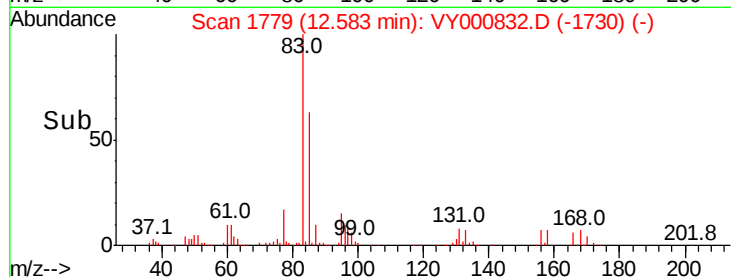
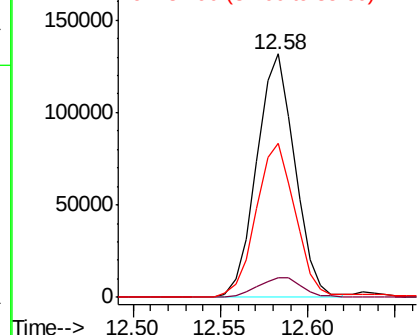
83 100

131 9.4 4.3 13.1

85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 96.921 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000832.D

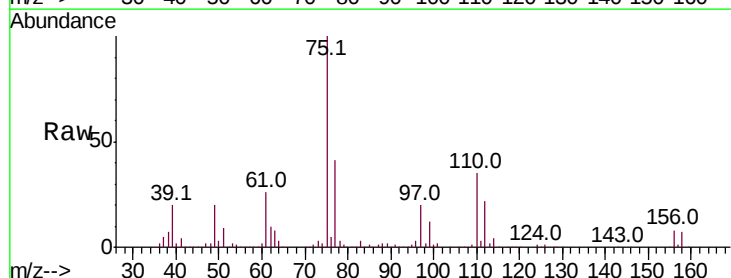
Acq: 03 Dec 2019 10:24

Tgt Ion: 75 Resp: 284571

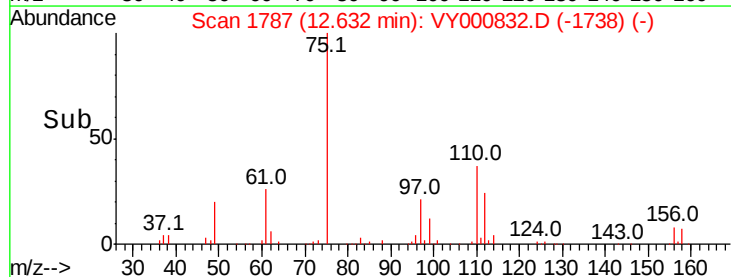
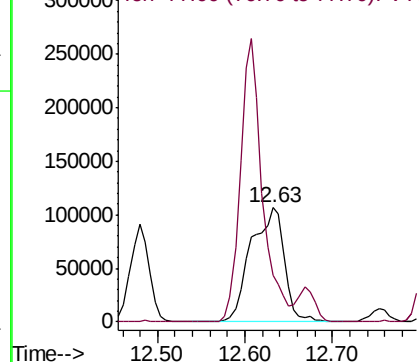
Ion Ratio Lower Upper

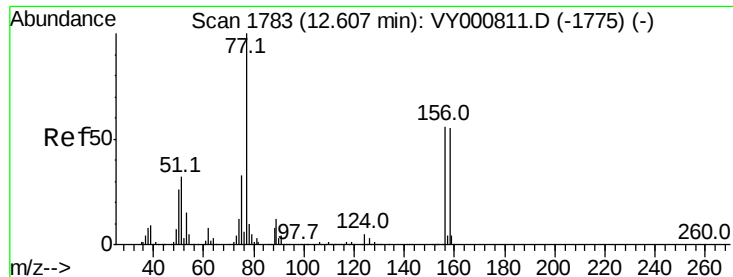
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.566 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampled :

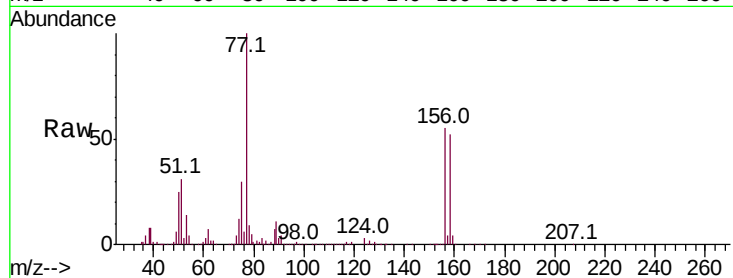
Tot Ion:156 Resp: 230638

Ion Ratio Lower Upper

156 100

77 201.3 102.6 307.7

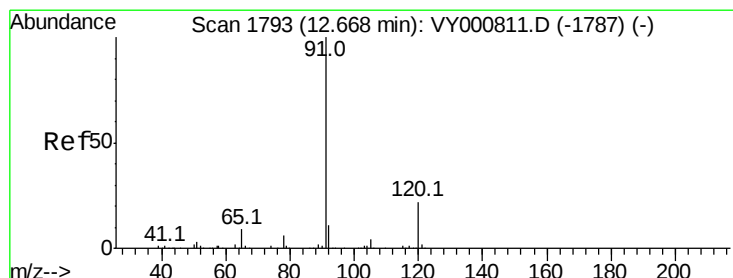
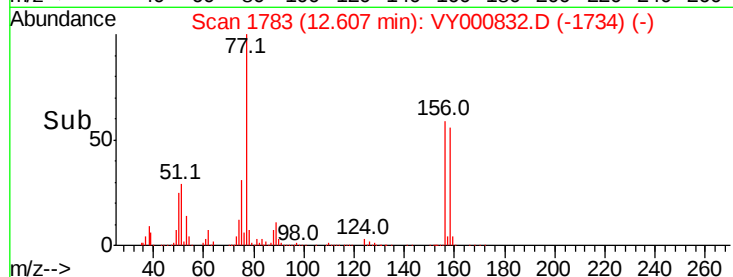
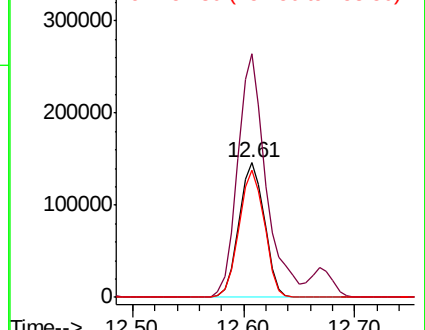
158 94.5 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.617 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000832.D

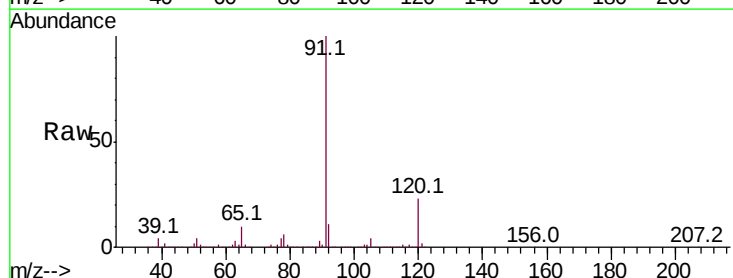
Acq: 03 Dec 2019 10:24

Tgt Ion: 91 Resp: 1275244

Ion Ratio Lower Upper

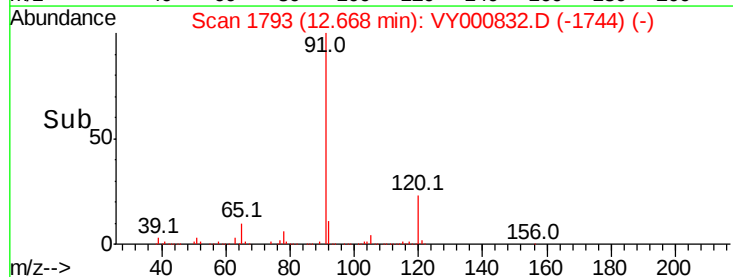
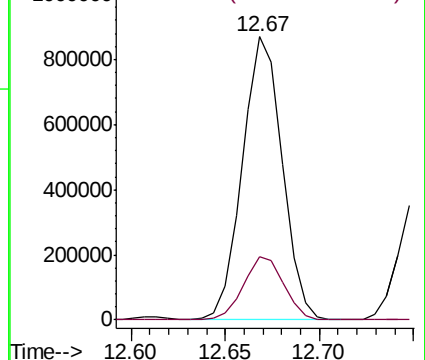
91 100

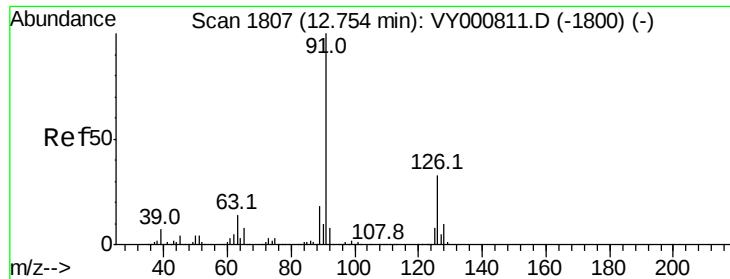
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.701 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

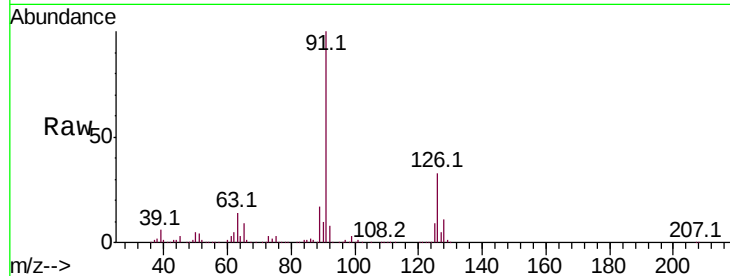
ClientSampleId :

Tot Ion: 91 Resp: 705684

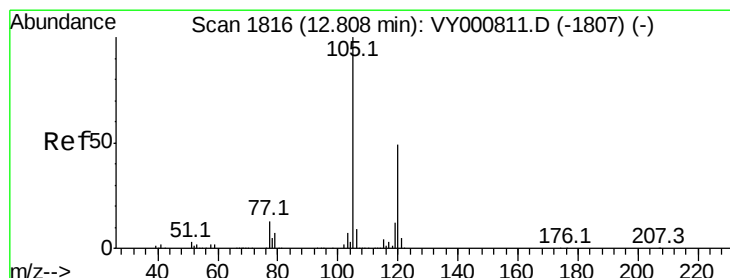
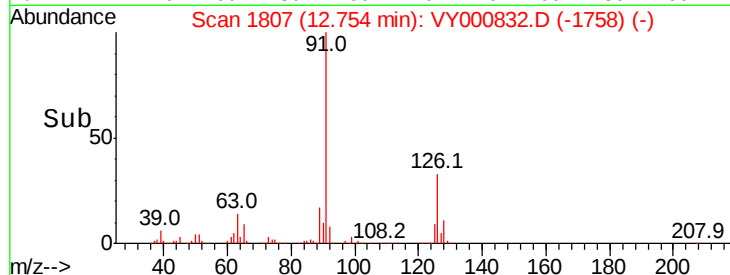
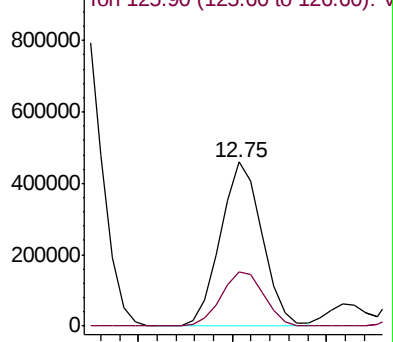
Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.178 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000832.D

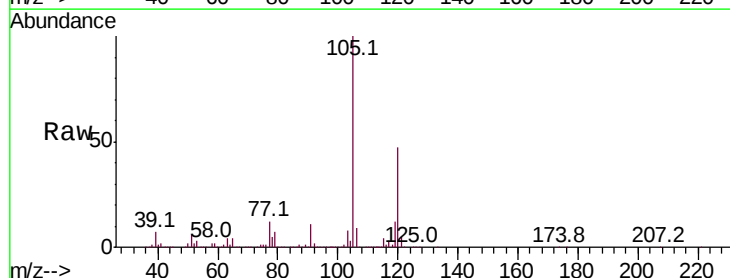
Acq: 03 Dec 2019 10:24

Tgt Ion: 105 Resp: 874334

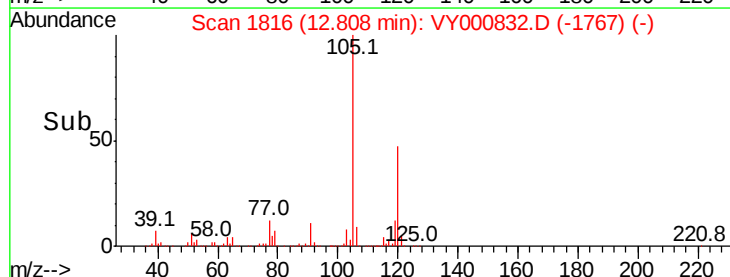
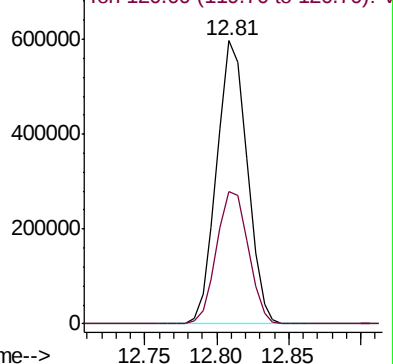
Ion Ratio Lower Upper

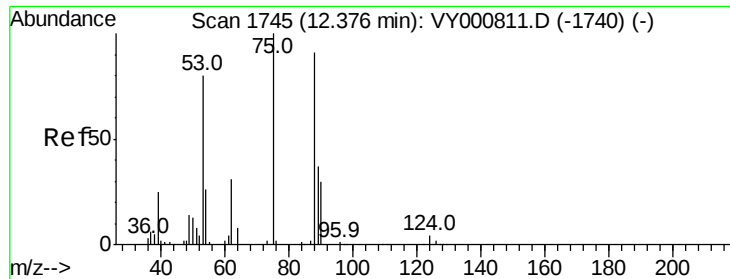
105 100

120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.920 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

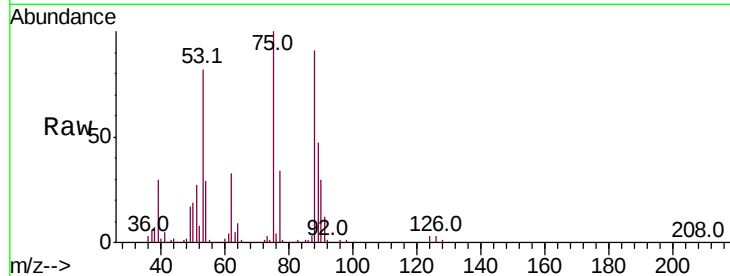
Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 75 Resp: 79102

Ion	Ratio	Lower	Upper
75	100		
53	78.9	64.6	96.8
89	44.8	33.6	50.4

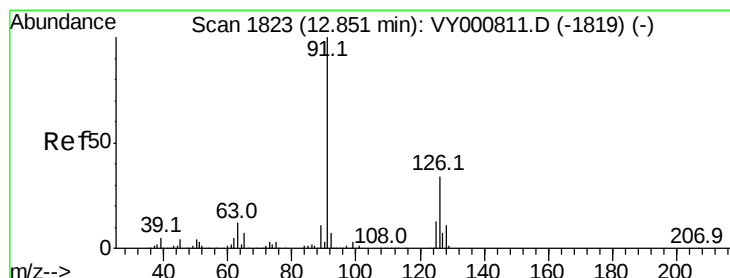
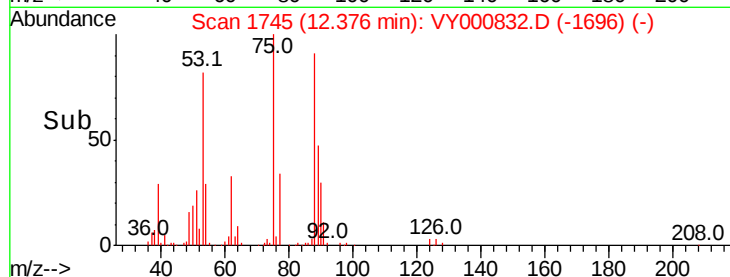
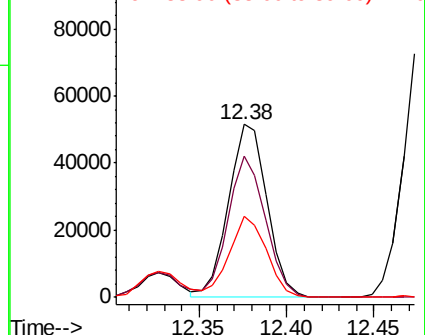


Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.977 ug/l

RT: 12.85 min Scan# 1823

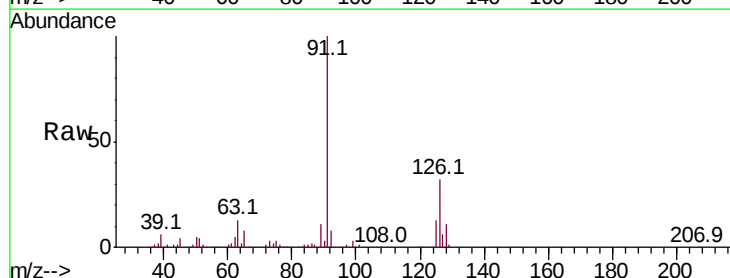
Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Tgt Ion: 91 Resp: 730998

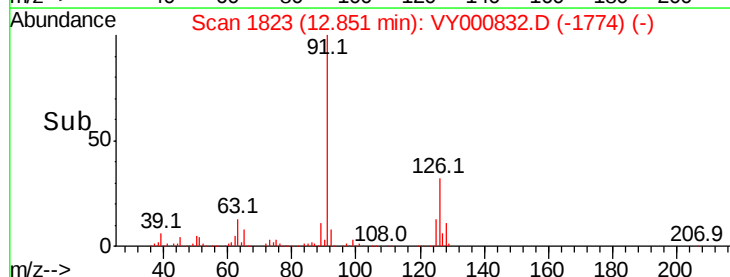
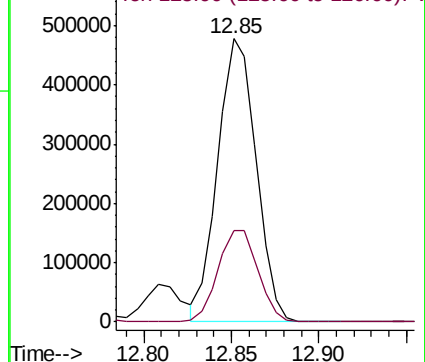
Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.3	51.9

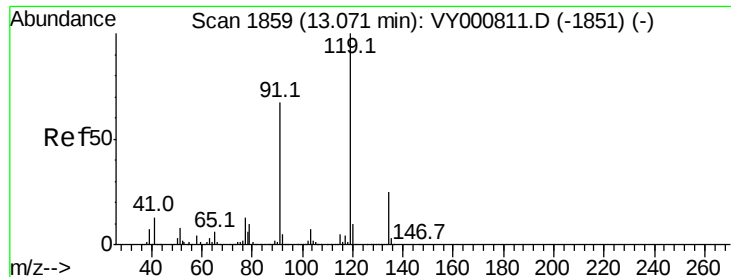


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.879 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

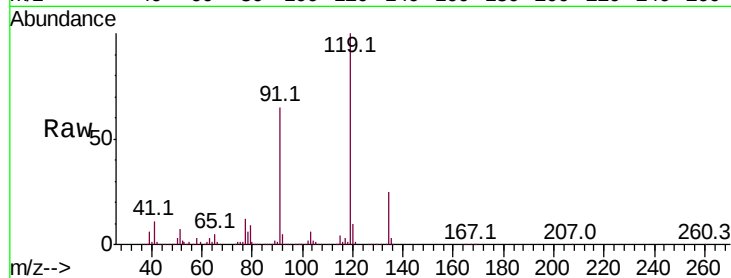
Tot Ion:119 Resp: 730805

Ion Ratio Lower Upper

119 100

91 64.9 32.3 96.8

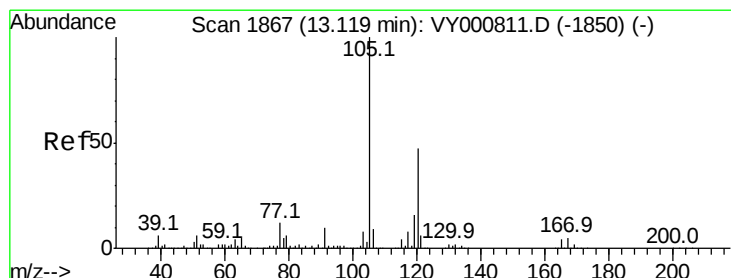
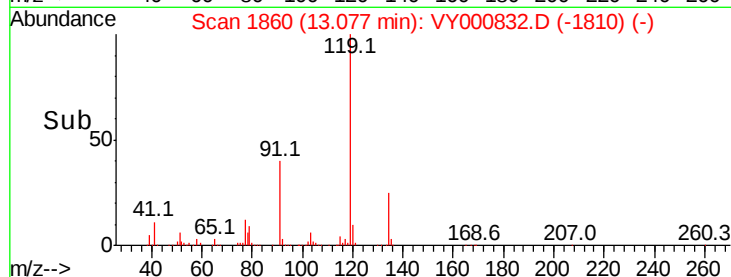
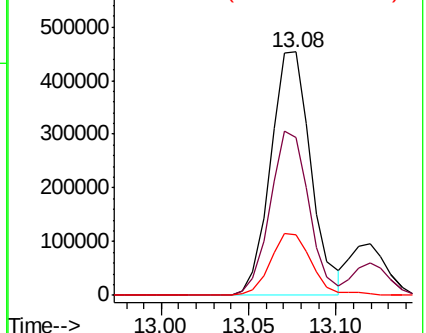
134 26.0 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.994 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000832.D

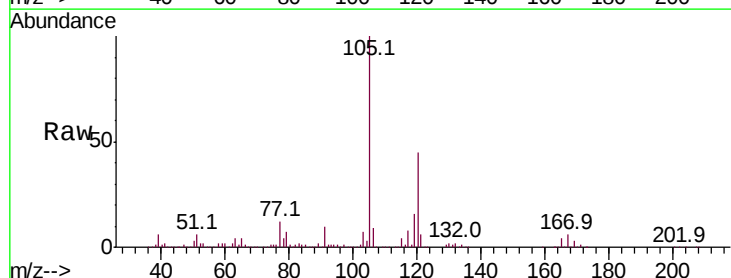
Acq: 03 Dec 2019 10:24

Tgt Ion:105 Resp: 871613

Ion Ratio Lower Upper

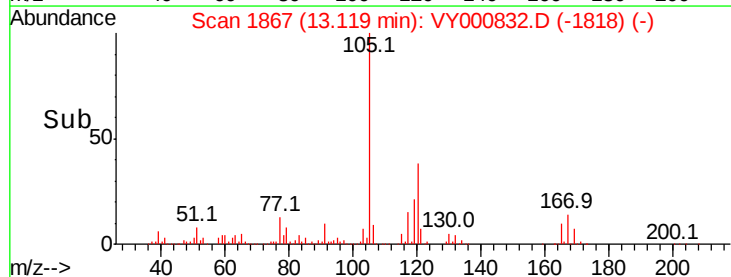
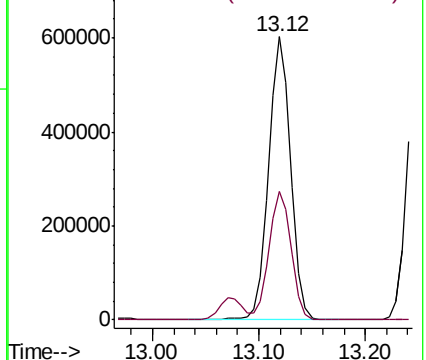
105 100

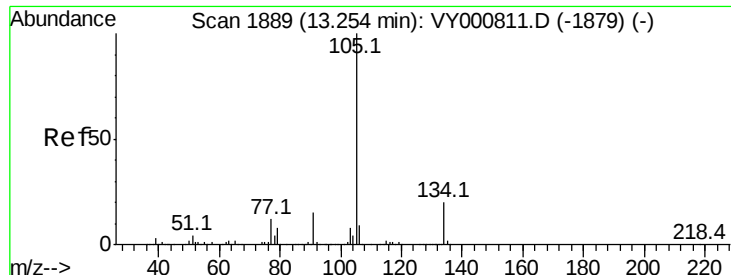
120 45.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.068 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

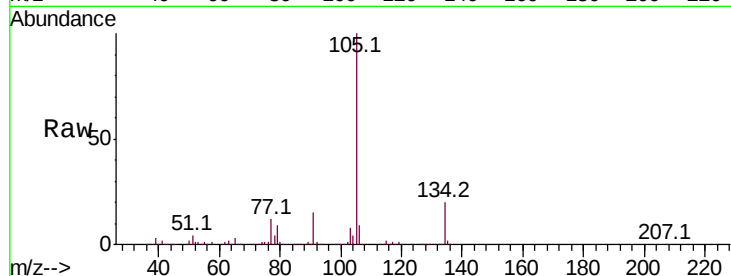
ClientSampleId :

Tot Ion:105 Resp: 1066785

Ion Ratio Lower Upper

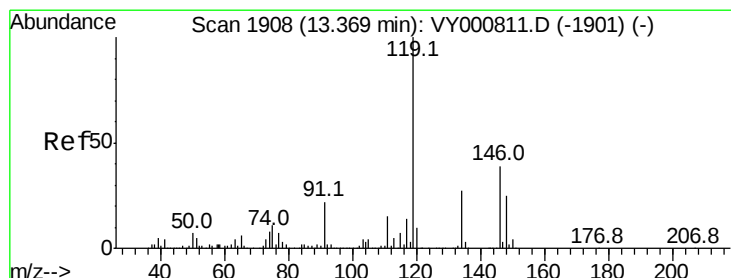
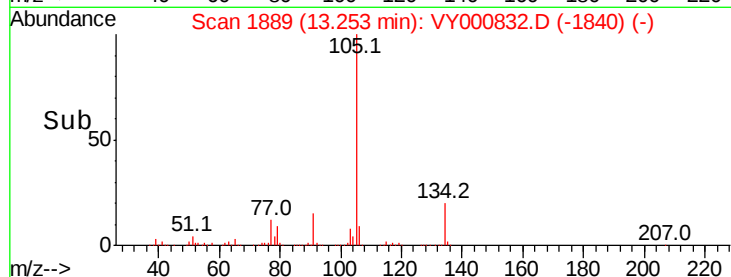
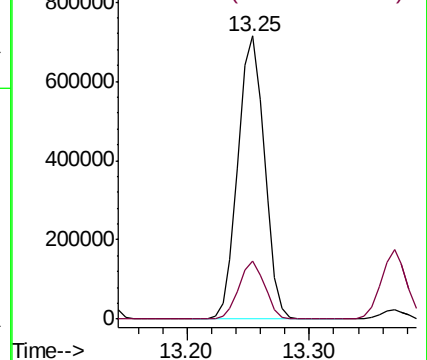
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.329 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

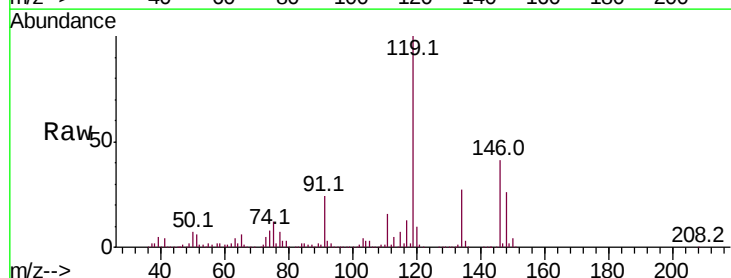
Tgt Ion:119 Resp: 932620

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

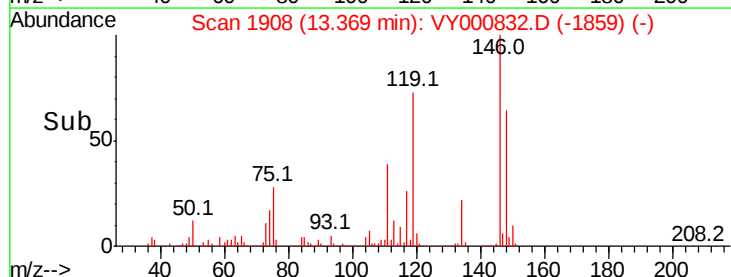
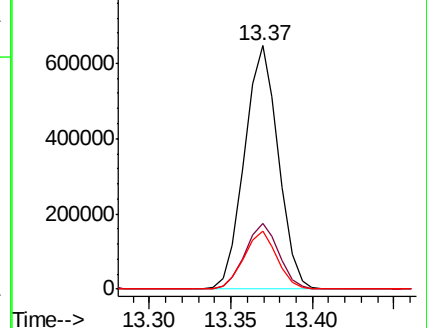
91 23.2 11.5 34.5

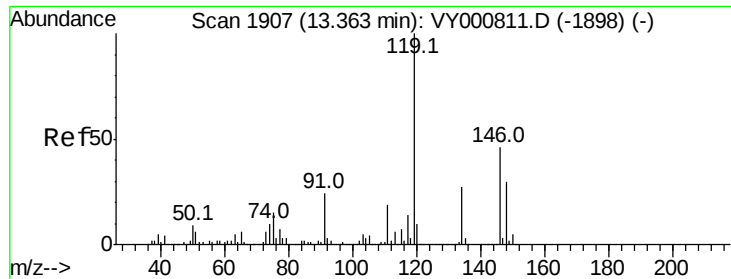


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

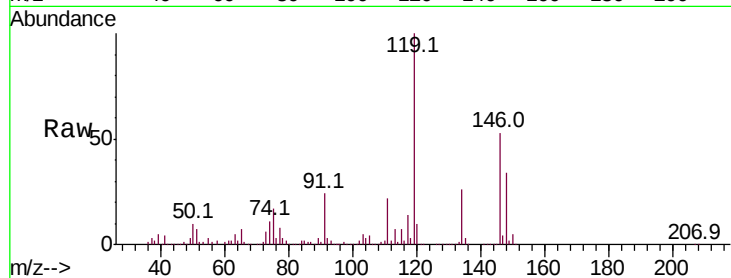




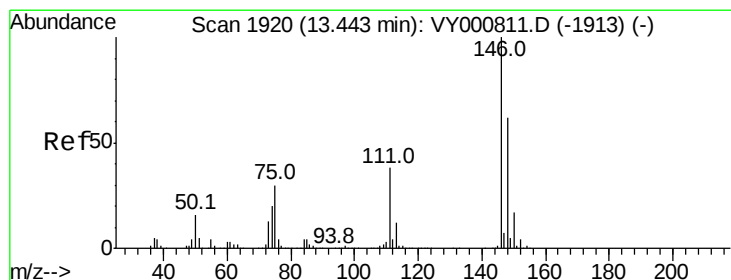
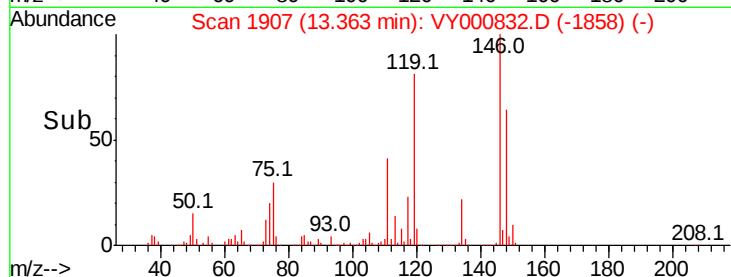
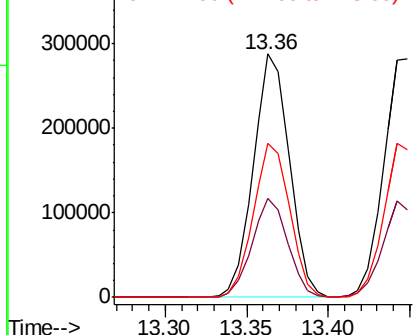
#87
 1,3-Dichlorobenzene
 Concen: 50.562 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 443632
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 63.8 32.1 96.5

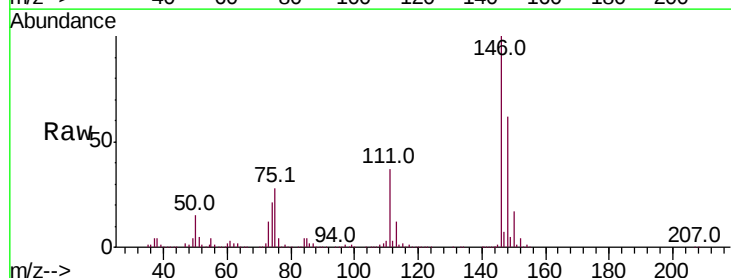


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

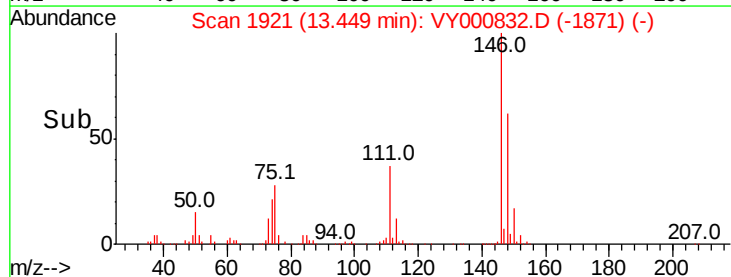
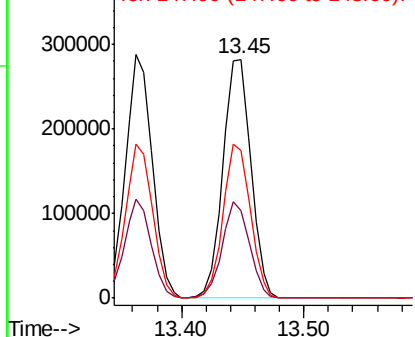


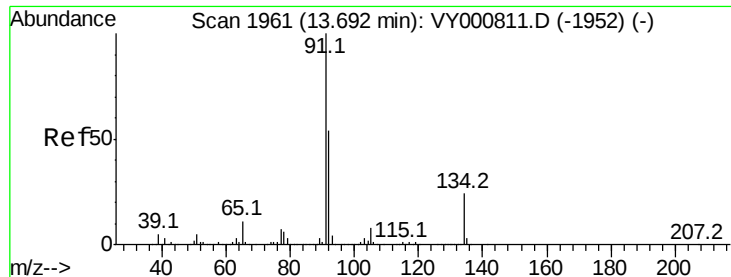
#88
 1,4-Dichlorobenzene
 Concen: 51.495 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000832.D
 Acq: 03 Dec 2019 10:24

Tgt Ion:146 Resp: 447370
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 59.9
 148 63.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

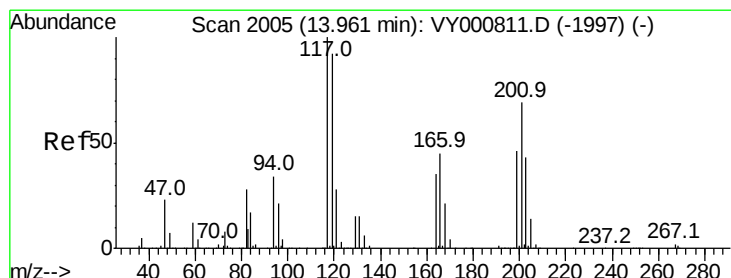
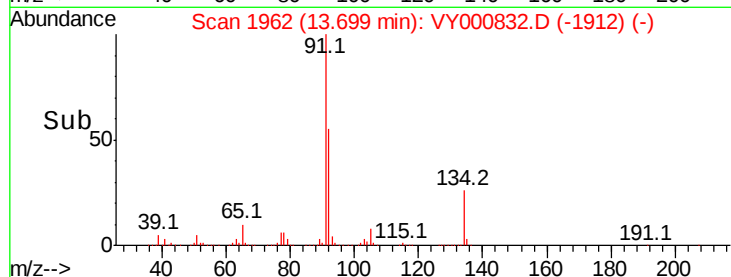
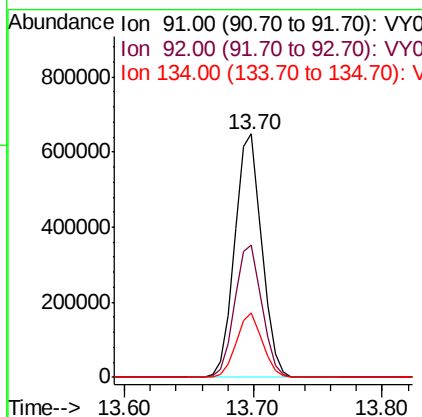
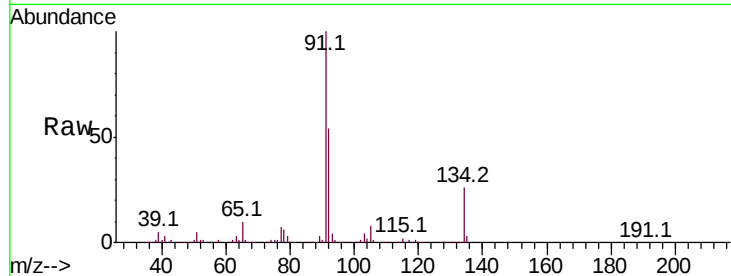




#89
n-Butylbenzene
Concen: 51.338 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

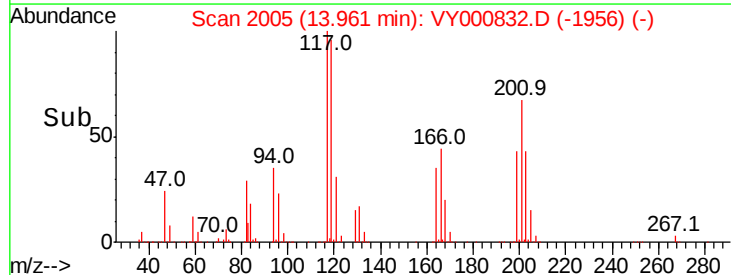
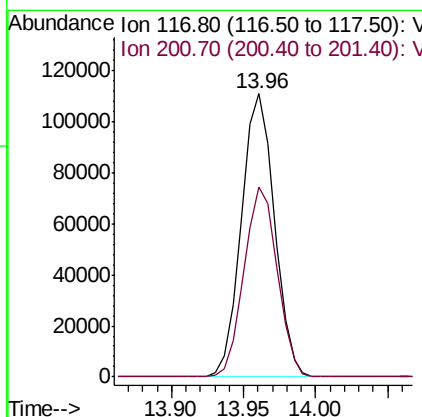
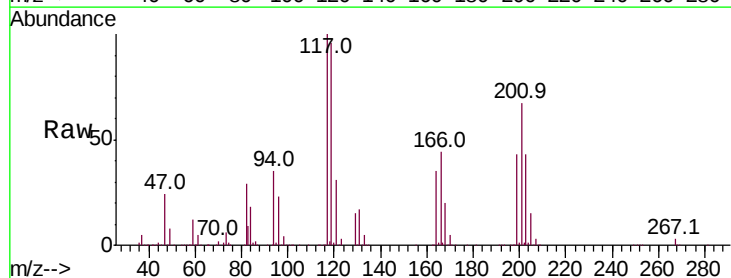
Instrument :
MSVOA_Y
ClientSampleId :

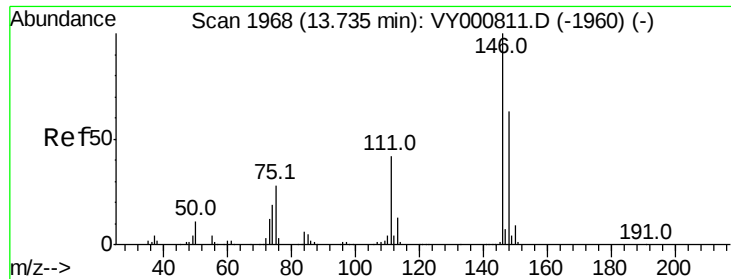
Tot Ion: 91 Resp: 943087
Ion Ratio Lower Upper
91 100
92 54.8 26.9 80.7
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 52.757 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion: 117 Resp: 176580
Ion Ratio Lower Upper
117 100
201 67.3 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 51.943 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

Instrument :

MSVOA_Y

ClientSampleId :

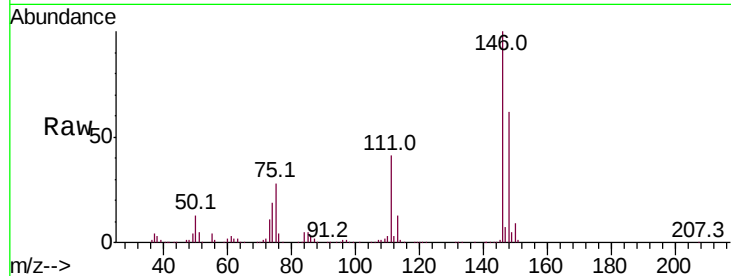
Tot Ion:146 Resp: 409949

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.7

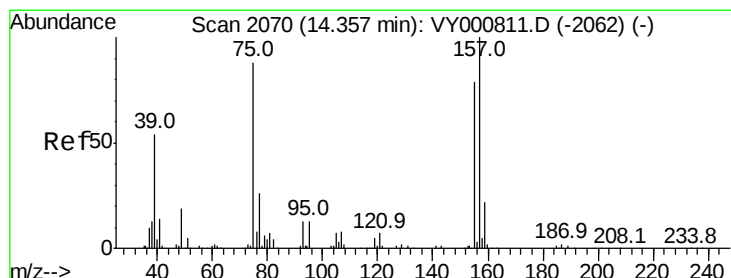
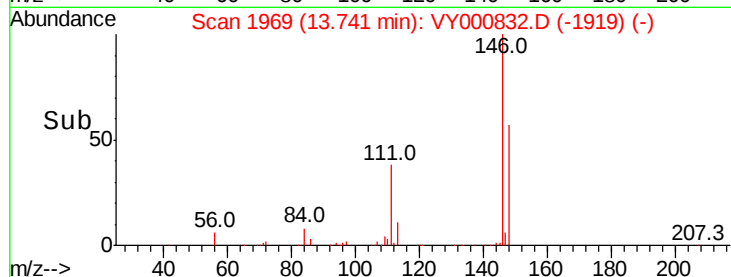
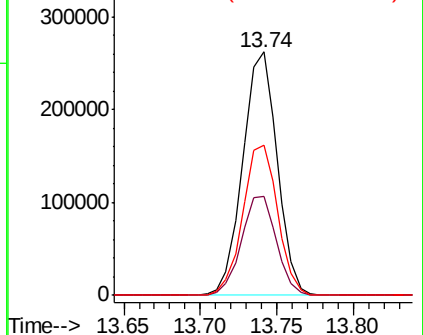
148 62.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.603 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000832.D

Acq: 03 Dec 2019 10:24

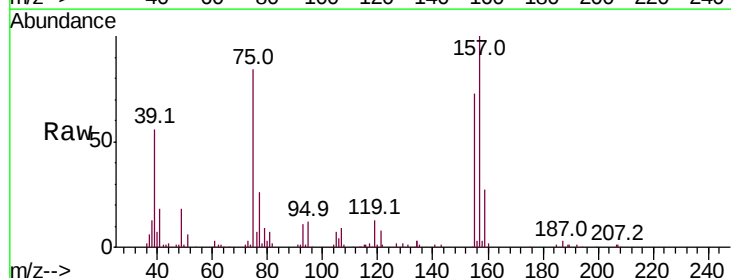
Tgt Ion: 75 Resp: 33762

Ion Ratio Lower Upper

75 100

155 90.0 44.3 132.9

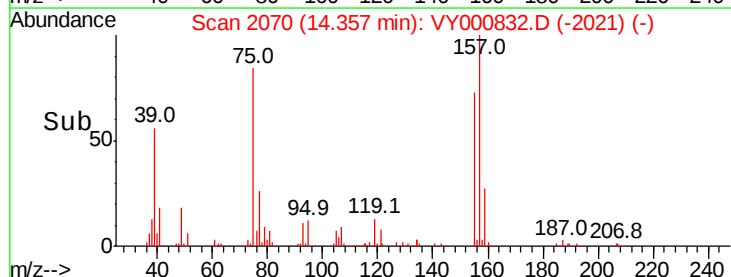
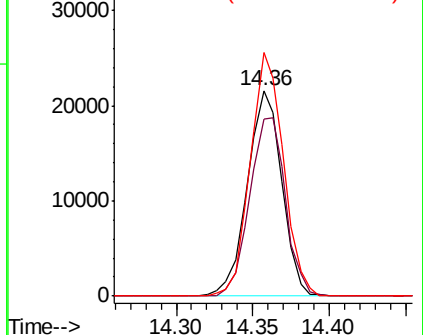
157 113.8 56.3 168.9

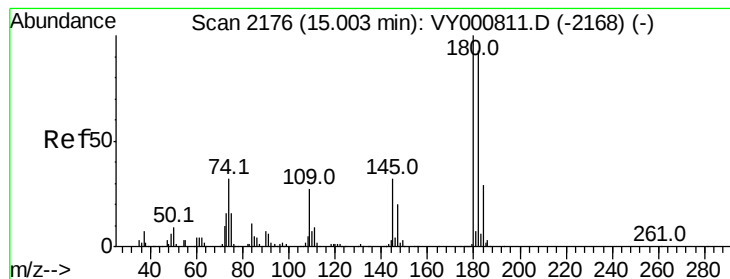


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



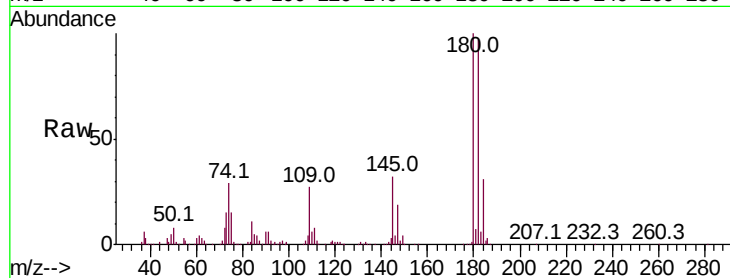


#93

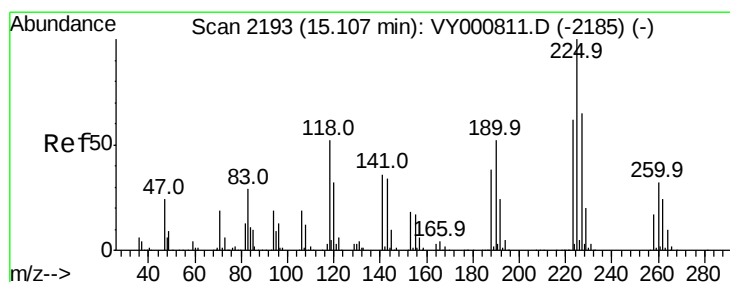
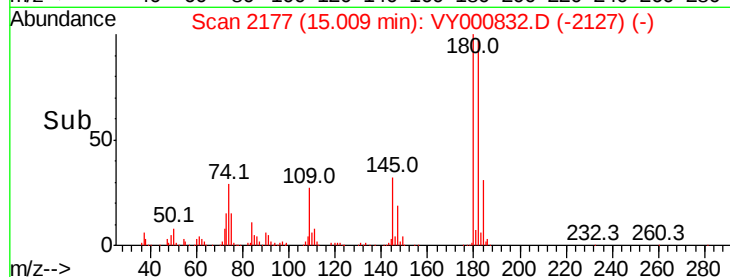
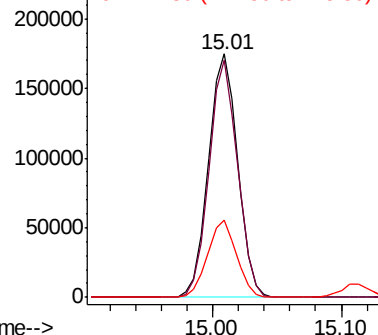
1,2,4-Trichlorobenzene
Concen: 51.263 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.9
145	31.7	16.0	47.9



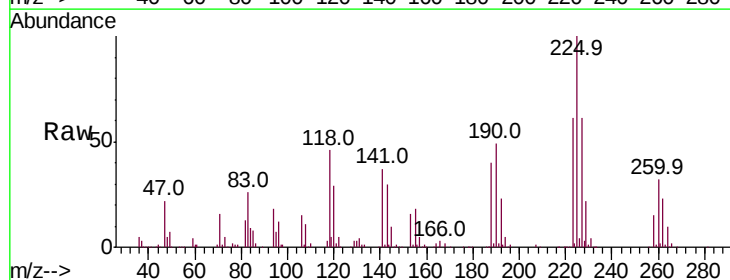
Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



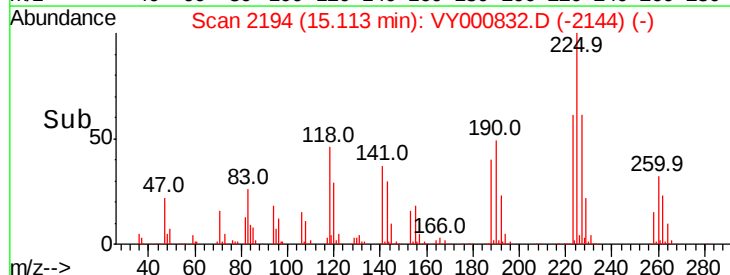
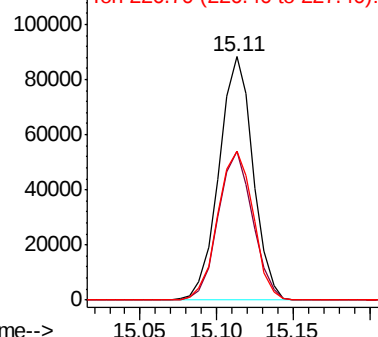
#94

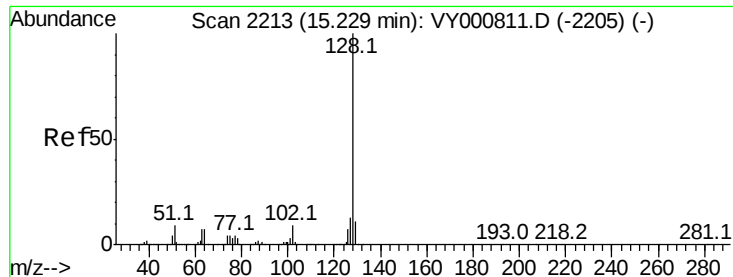
Hexachlorobutadiene
Concen: 51.634 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.4	94.3
227	63.7	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

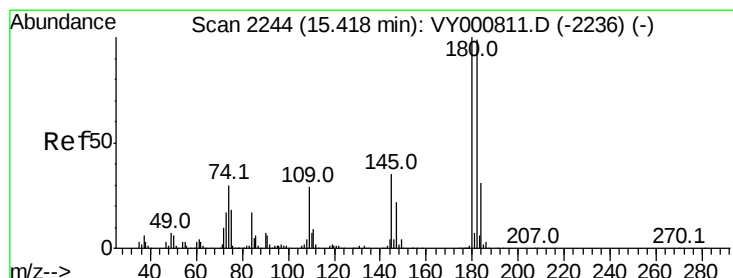
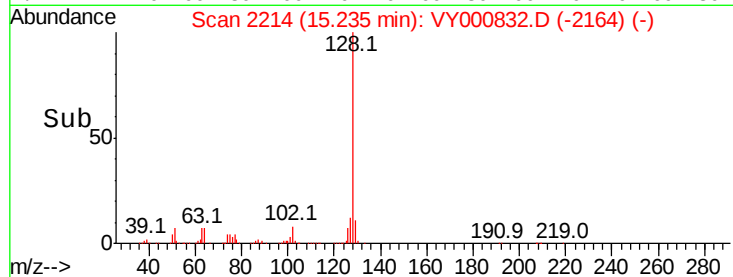
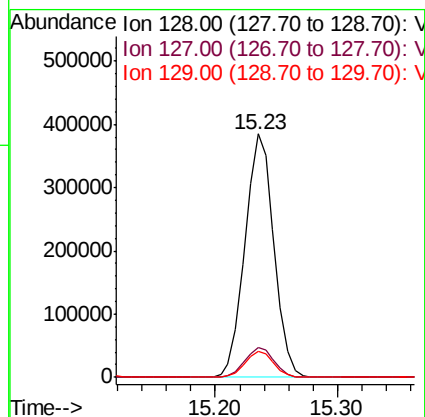
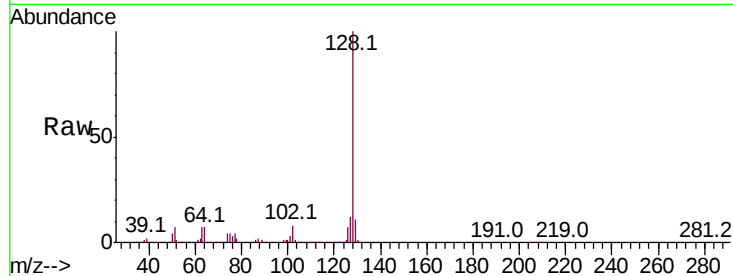




#95
Naphthalene
Concen: 50.752 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 629349
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.592 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000832.D
Acq: 03 Dec 2019 10:24

Tgt Ion:180 Resp: 246105
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.0
145 32.2 16.9 50.6

