

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000376.D
 Acq On : 23 Oct 2019 13:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:42:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	410585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	368152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184489	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	130395	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	7.73	113	119042	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	10.18	98	489978	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.49	95	181684	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	87428	42.979	ug/l	99
3) Chloromethane	2.12	50	204906	66.038	ug/l	98
4) Vinyl Chloride	2.26	62	141756	45.268	ug/l	98
5) Bromomethane	2.65	94	131026	56.458	ug/l	96
6) Chloroethane	2.79	64	94407	46.724	ug/l	98
7) Trichlorofluoromethane	3.13	101	200699	46.854	ug/l	95
8) Diethyl Ether	3.54	74	75010	49.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	124906	48.082	ug/l	99
10) Methyl Iodide	4.10	142	156045	42.358	ug/l	99
11) Tert butyl alcohol	4.96	59	90346	322.311	ug/l #	93
12) 1,1-Dichloroethene	3.87	96	122563	47.791	ug/l	96
13) Acrolein	3.73	56	75960	231.141	ug/l	100
14) Allyl chloride	4.48	41	211239	49.704	ug/l	98
15) Acrylonitrile	5.18	53	202288	238.833	ug/l	98
16) Acetone	3.96	43	233460	269.145	ug/l	96
17) Carbon Disulfide	4.19	76	343577	42.550	ug/l	99
18) Methyl Acetate	4.49	43	100961	46.846	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	360945	50.558	ug/l	99
20) Methylene Chloride	4.72	84	141382	48.177	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	137915	46.873	ug/l	91
22) Diisopropyl ether	6.13	45	476067	52.963	ug/l	95
23) Vinyl Acetate	6.07	43	1439859	245.537	ug/l	100
24) 1,1-Dichloroethane	6.03	63	246025	50.144	ug/l	99
25) 2-Butanone	7.00	43	310922	254.456	ug/l	99
26) 2,2-Dichloropropane	6.99	77	226921	50.192	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	160260	50.336	ug/l	99
28) Bromochloromethane	7.34	49	111719	53.042	ug/l	97
29) Tetrahydrofuran	7.36	42	179488	242.380	ug/l	98
30) Chloroform	7.52	83	249388	50.472	ug/l	99
31) Cyclohexane	7.79	56	238257	46.494	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	223966	50.985	ug/l	94
36) 1,1-Dichloropropene	7.92	75	199431	49.611	ug/l	99
37) Ethyl Acetate	7.08	43	117665	49.434	ug/l	96
38) Carbon Tetrachloride	7.91	117	195161	50.142	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	253701	48.221	ug/l	96
40) Benzene	8.17	78	583346	50.215	ug/l	99
41) Methacrylonitrile	7.35	41	161660	142.682	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	168132	50.667	ug/l	99
43) Isopropyl Acetate	8.28	43	230483	50.926	ug/l	100
44) Trichloroethene	8.95	130	162760	49.933	ug/l	99
45) 1,2-Dichloropropane	9.22	63	149619	52.482	ug/l	96
46) Dibromomethane	9.31	93	80566	50.554	ug/l	97
47) Bromodichloromethane	9.50	83	196166	52.230	ug/l	96
48) Methyl methacrylate	9.30	41	100355	50.596	ug/l	99
49) 1,4-Dioxane	9.30	88	22106	925.120	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	607637	260.306	ug/l	99
52) Toluene	10.25	92	376592	51.059	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	214294	53.239	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	241672	52.869	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	118068	50.954	ug/l	98
56) Ethyl methacrylate	10.51	69	174761	52.913	ug/l	99
57) 1,3-Dichloropropane	10.80	76	210228	52.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	403138	306.016	ug/l	99
59) 2-Hexanone	10.83	43	465023	283.812	ug/l	98
60) Dibromochloromethane	10.99	129	135240	52.658	ug/l	99
61) 1,2-Dibromoethane	11.09	107	114885	51.637	ug/l	99
64) Tetrachloroethene	10.72	164	165924	47.341	ug/l	97
65) Chlorobenzene	11.52	112	401454	51.670	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	142372	52.164	ug/l	100
67) Ethyl Benzene	11.60	91	749609	52.045	ug/l	99
68) m/p-Xylenes	11.70	106	572165	103.915	ug/l	100
69) o-Xylene	12.03	106	269363	51.281	ug/l	99
70) Styrene	12.05	104	466300	52.639	ug/l	99
71) Bromoform	12.21	173	81397	51.879	ug/l #	97
73) Isopropylbenzene	12.33	105	736776	51.217	ug/l	100
74) N-amyl acetate	12.14	43	215589	61.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135888	50.312	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	197269	86.957	ug/l #	100
77) Bromobenzene	12.61	156	161032	50.306	ug/l	99
78) n-propylbenzene	12.67	91	889651	51.509	ug/l	100
79) 2-Chlorotoluene	12.76	91	496782	52.082	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	618336	51.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56188	54.191	ug/l	95
82) 4-Chlorotoluene	12.86	91	519843	51.558	ug/l	100
83) tert-Butylbenzene	13.08	119	527604	51.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	622767	52.311	ug/l	100
85) sec-Butylbenzene	13.25	105	760763	51.482	ug/l	100
86) p-Isopropyltoluene	13.37	119	677991	52.627	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	323707	51.326	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	321654	51.024	ug/l	100
89) n-Butylbenzene	13.70	91	673258	52.883	ug/l	99
90) Hexachloroethane	13.96	117	125753	52.714	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	297741	52.165	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24535	47.897	ug/l	96

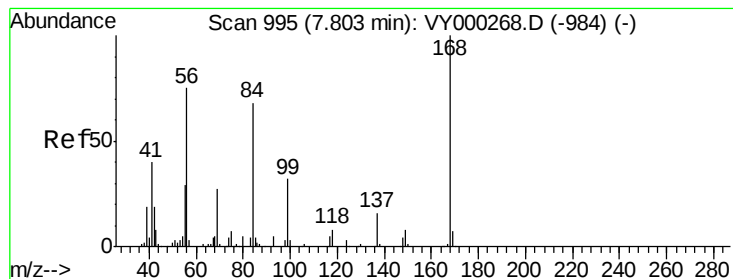
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	199467	50.194	ug/l	97
94) Hexachlorobutadiene	15.11	225	105999	49.289	ug/l	99
95) Naphthalene	15.23	128	451305	50.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	181559	50.694	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

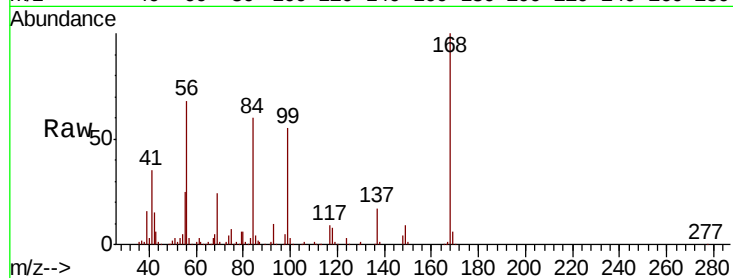
ClientSampled :

Tot Ion:168 Resp: 253924

Ion Ratio Lower Upper

168 100

99 55.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000376.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000376.D (-946) (-)

7.80

120000

100000

80000

60000

40000

20000

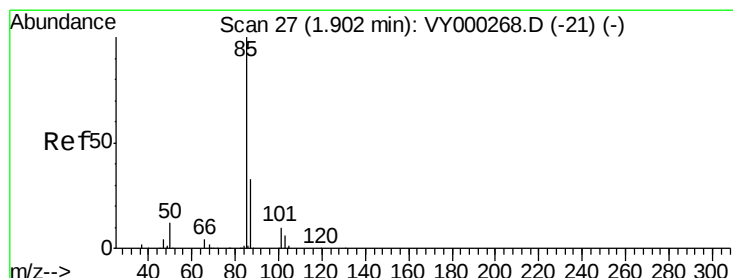
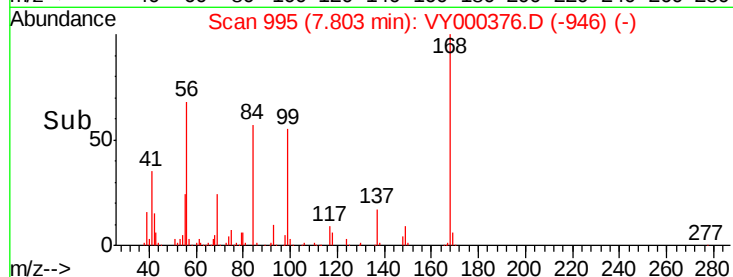
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.979 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000376.D

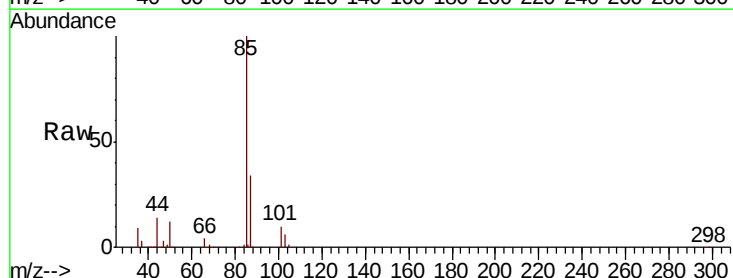
Acq: 23 Oct 2019 13:05

Tgt Ion: 85 Resp: 87428

Ion Ratio Lower Upper

85 100

87 33.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000376.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000376.D (-1) (-)

1.90

60000

50000

40000

30000

20000

10000

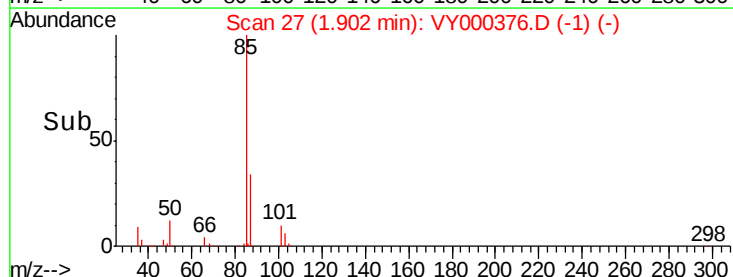
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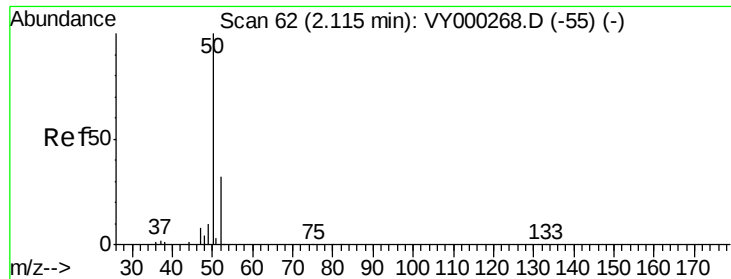
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 66.038 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

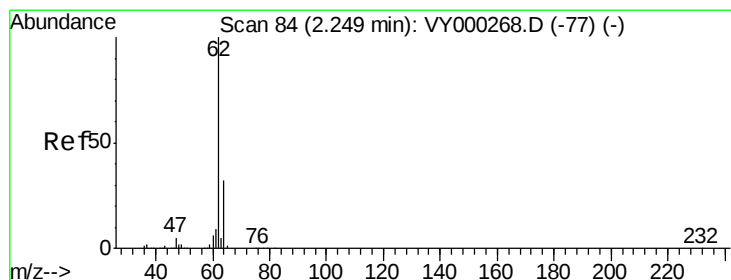
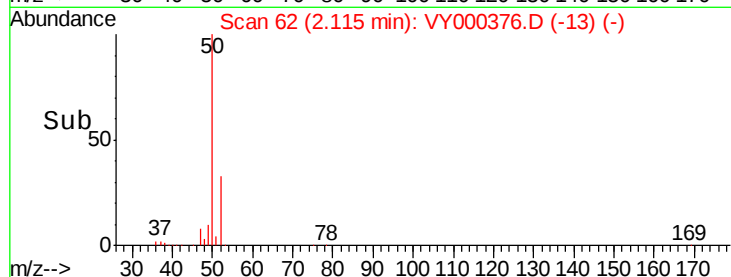
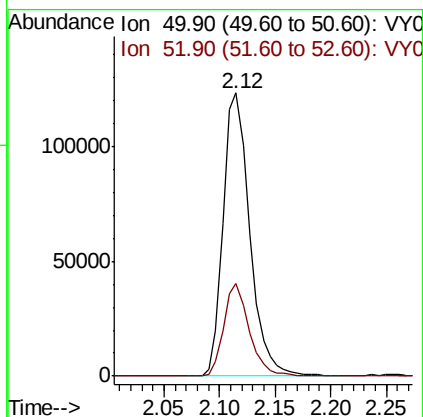
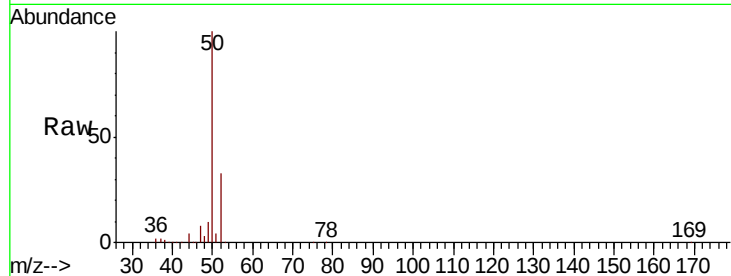
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 204906

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



#4

Vinyl Chloride

Concen: 45.268 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000376.D

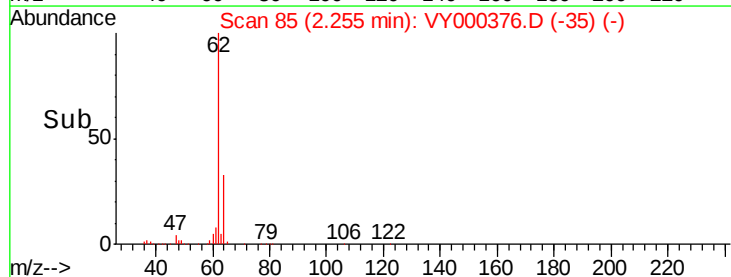
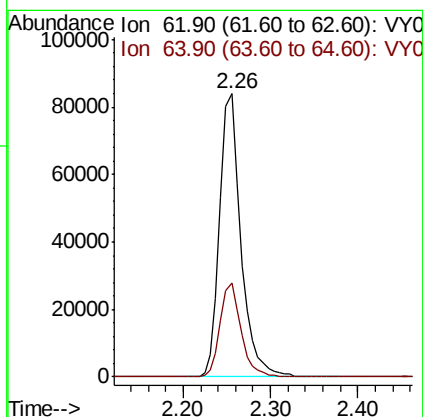
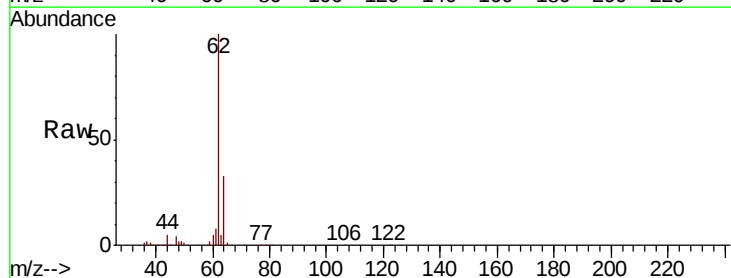
Acq: 23 Oct 2019 13:05

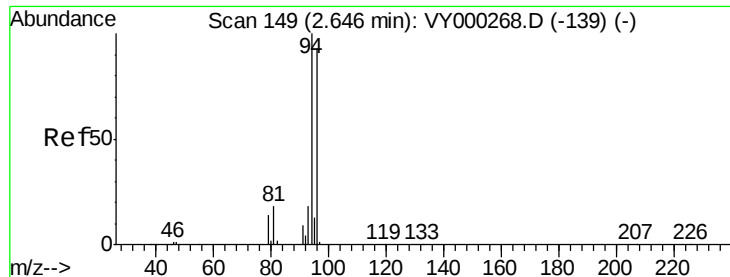
Tgt Ion: 62 Resp: 141756

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 56.458 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

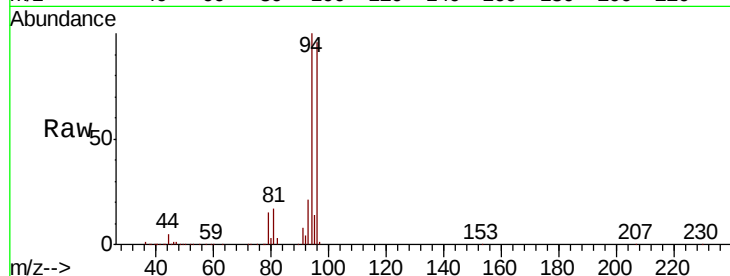
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 131026

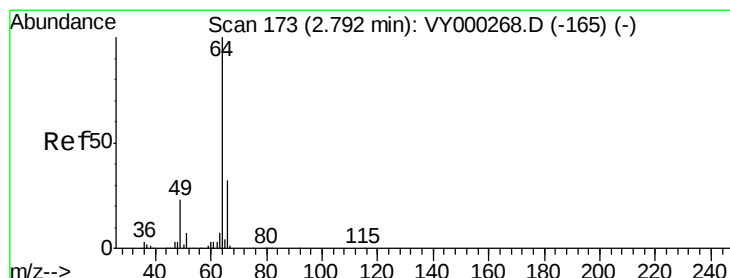
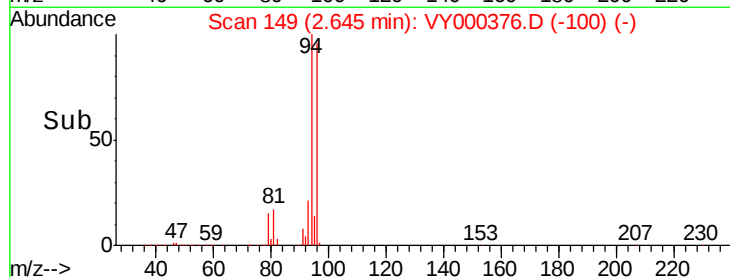
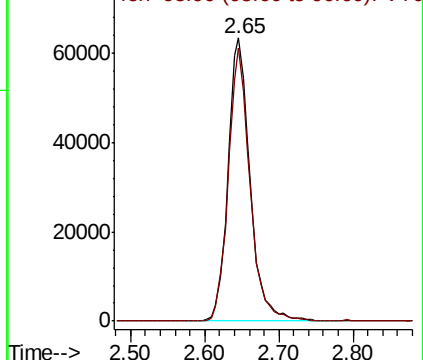
Ion Ratio Lower Upper

94 100

96 96.3 74.2 111.2



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



#6

Chloroethane

Concen: 46.724 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000376.D

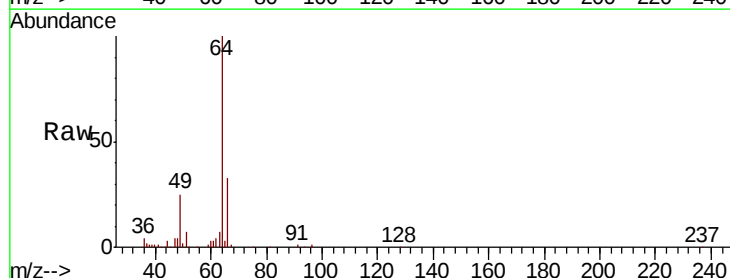
Acq: 23 Oct 2019 13:05

Tgt Ion: 64 Resp: 94407

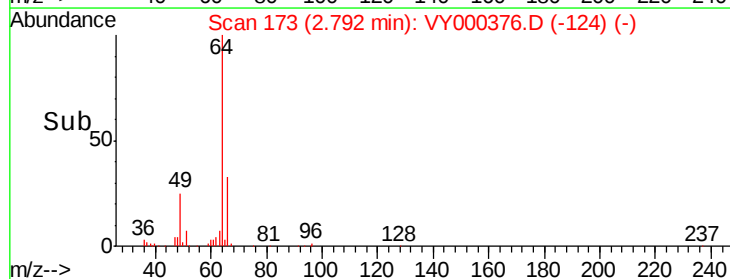
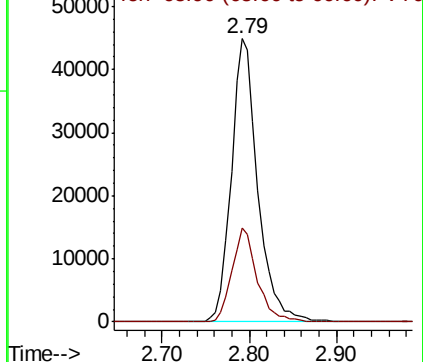
Ion Ratio Lower Upper

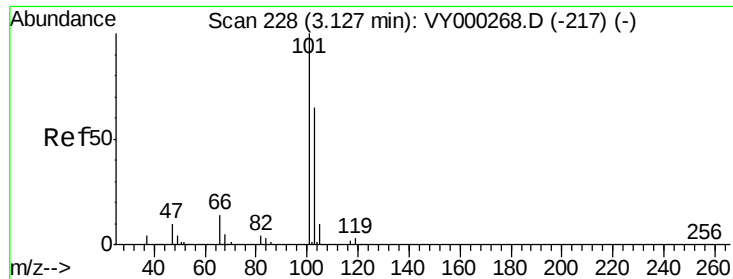
64 100

66 33.0 25.6 38.4



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



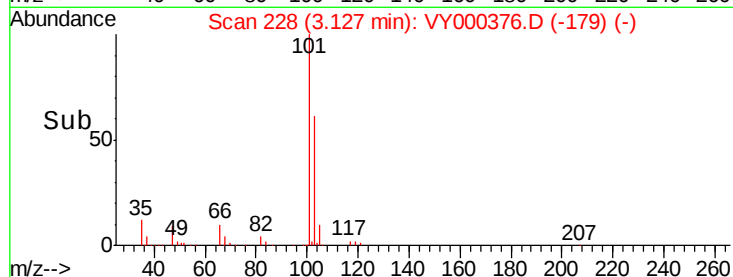
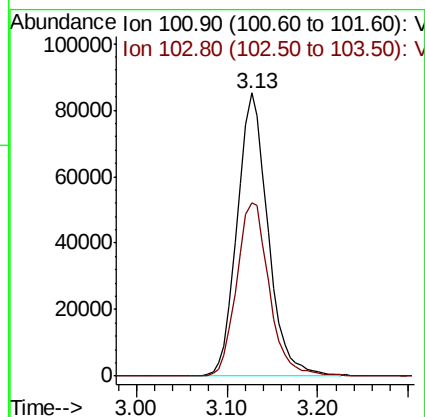
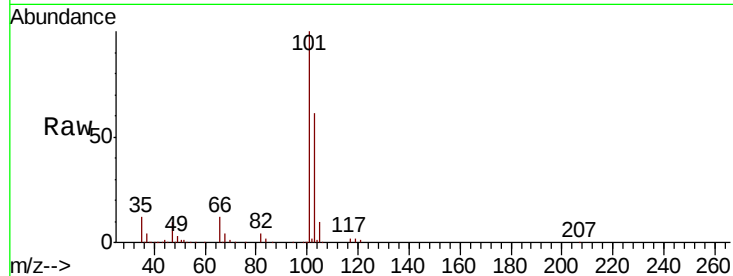


#7

Trichlorofluoromethane
Concen: 46.854 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

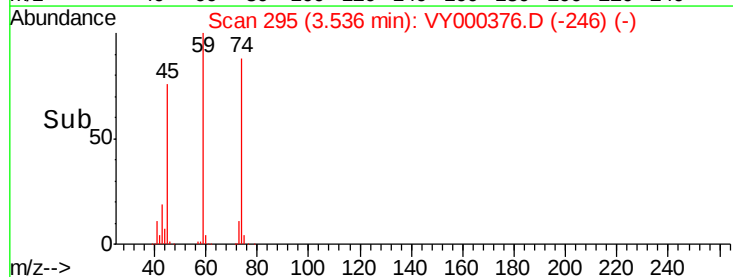
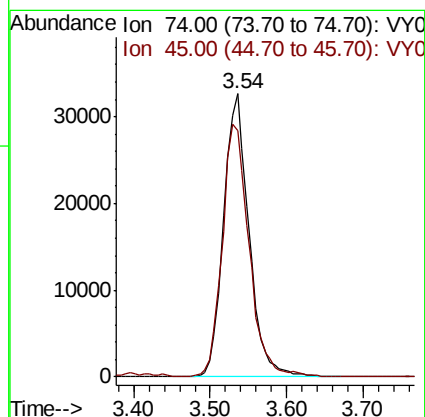
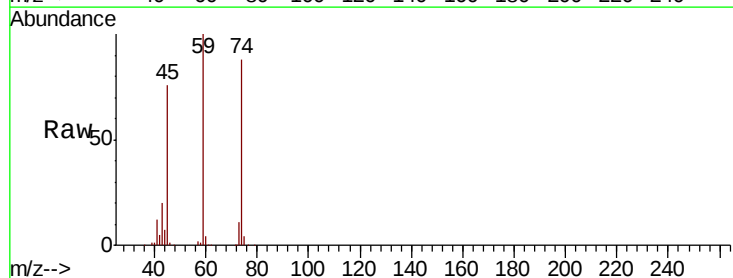
Tot Ion:101 Resp: 200699
Ion Ratio Lower Upper
101 100
103 61.2 52.2 78.4

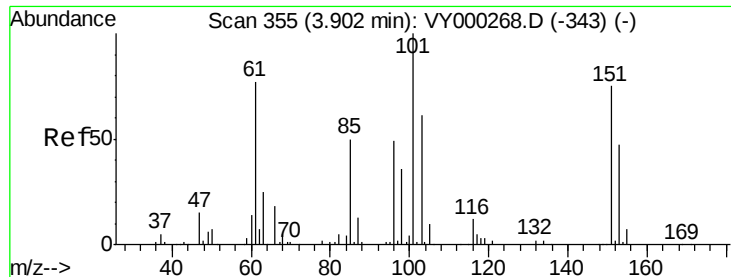


#8

Diethyl Ether
Concen: 49.569 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 74 Resp: 75010
Ion Ratio Lower Upper
74 100
45 94.5 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.082 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

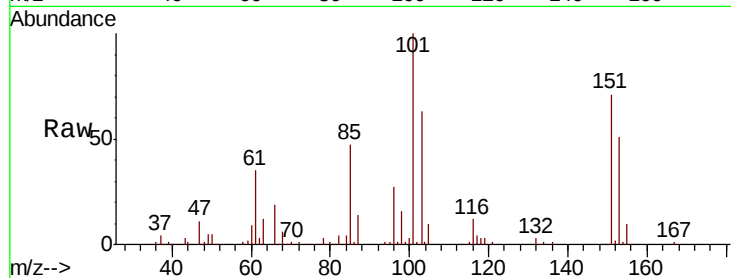
Tot Ion:101 Resp: 124906

Ion Ratio Lower Upper

101 100

85 46.5 36.6 55.0

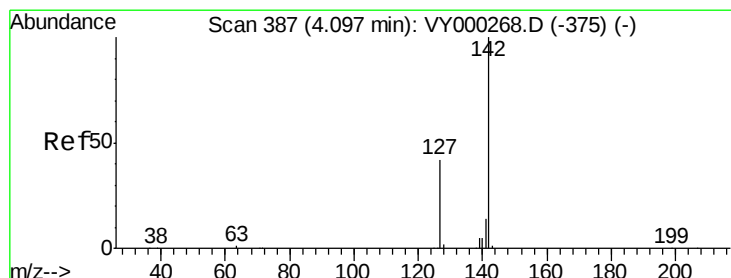
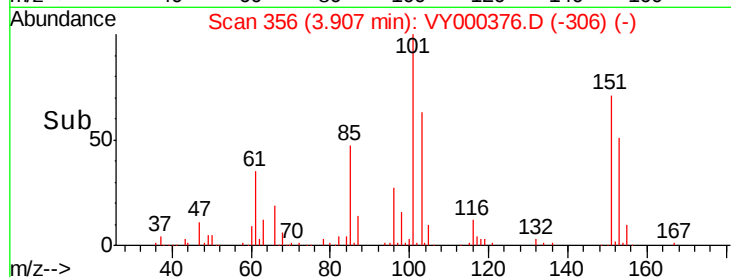
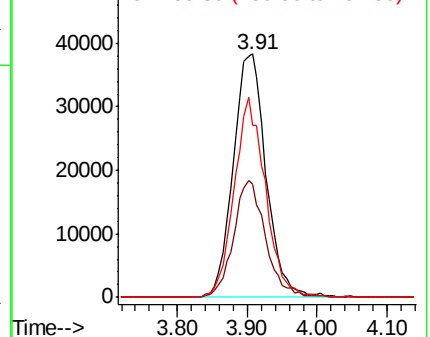
151 77.8 63.1 94.7



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: 42.358 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

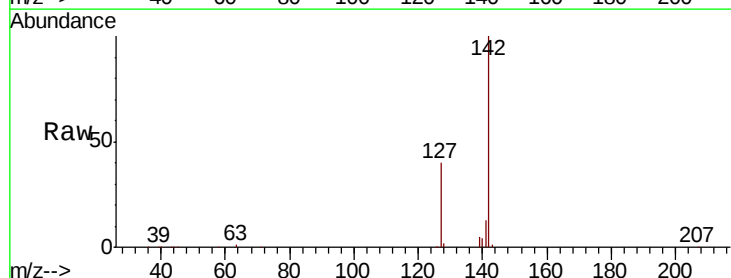
Tgt Ion:142 Resp: 156045

Ion Ratio Lower Upper

142 100

127 42.9 33.9 50.9

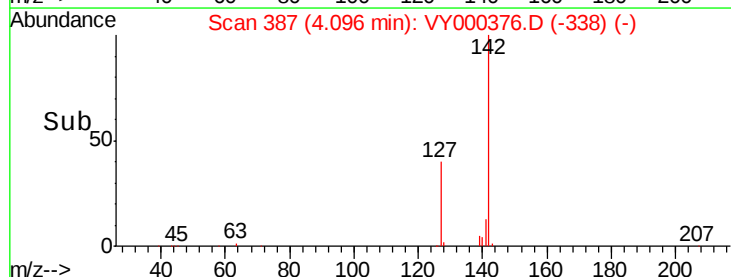
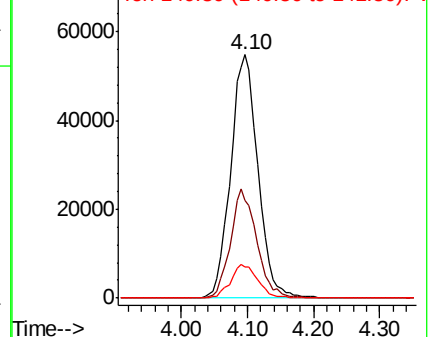
141 13.8 11.2 16.8

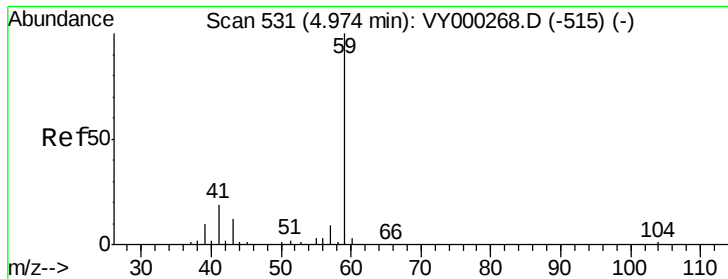


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



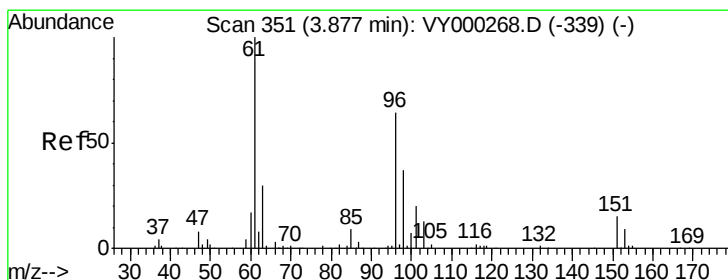
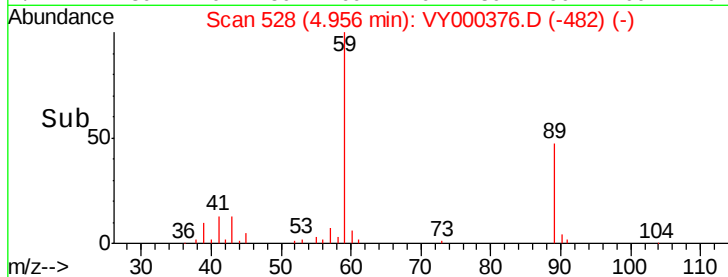
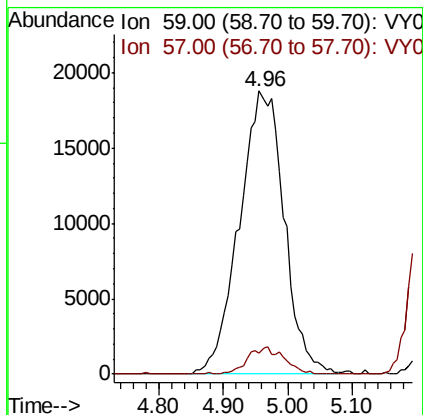
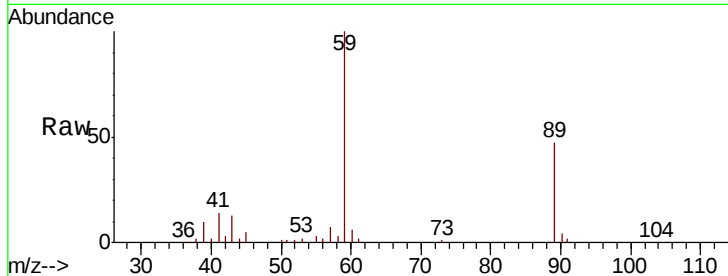


#11

Tert butyl alcohol
 Concen: 322.311 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampled :

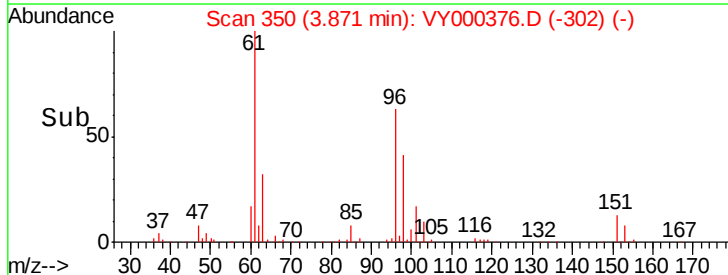
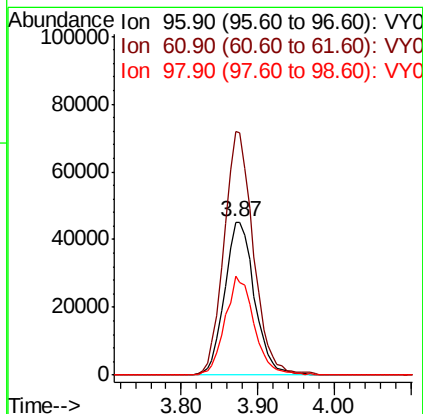
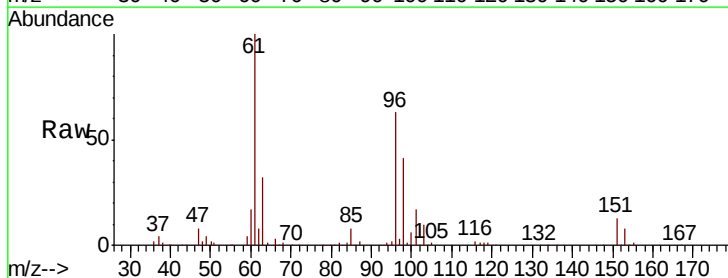
Tot Ion: 59 Resp: 90346
 Ion Ratio Lower Upper
 59 100
 57 7.7 8.2 12.2#

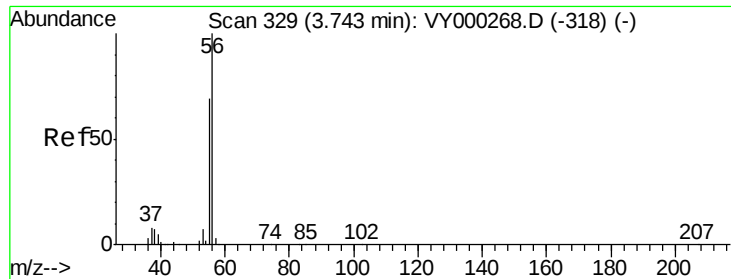


#12

1,1-Dichloroethene
 Concen: 47.791 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion: 96 Resp: 122563
 Ion Ratio Lower Upper
 96 100
 61 159.0 125.8 188.6
 98 64.8 46.2 69.2





#13

Acrolein

Concen: 231.141 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

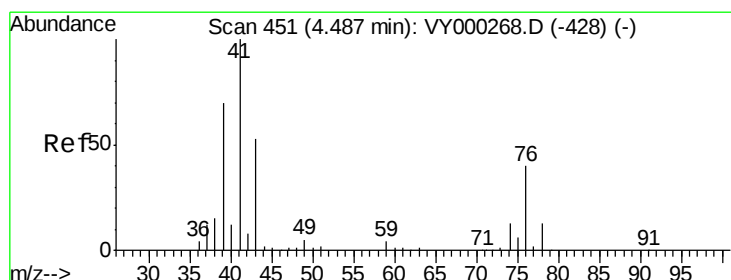
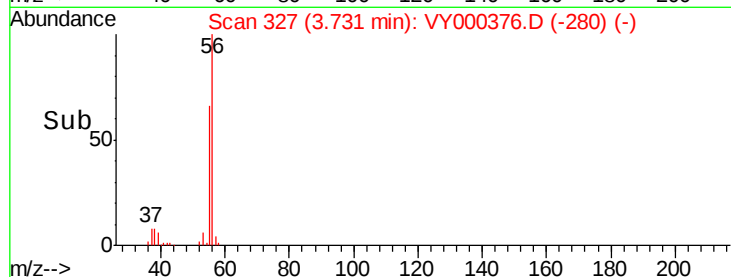
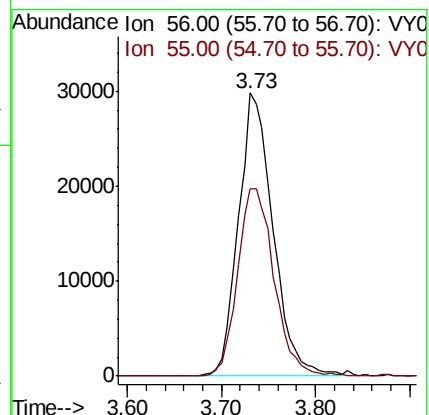
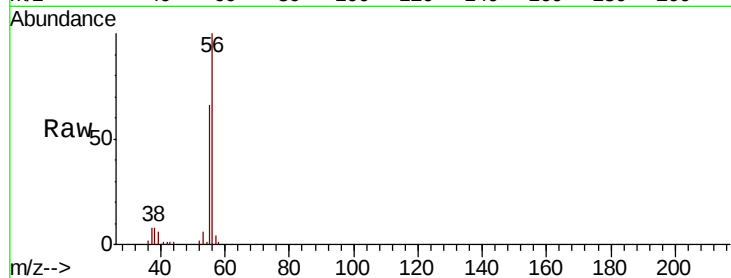
ClientSampleId :

Tot Ion: 56 Resp: 75960

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



#14

Allyl chloride

Concen: 49.704 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

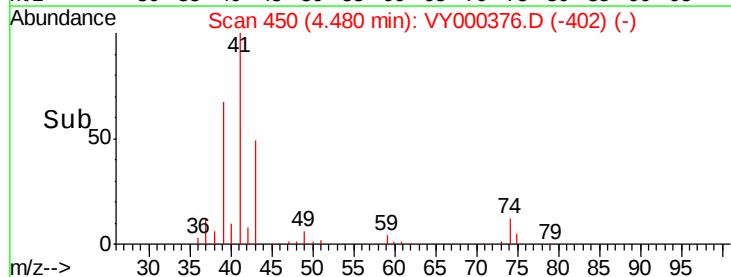
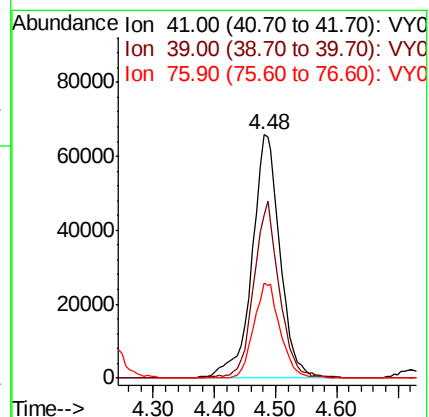
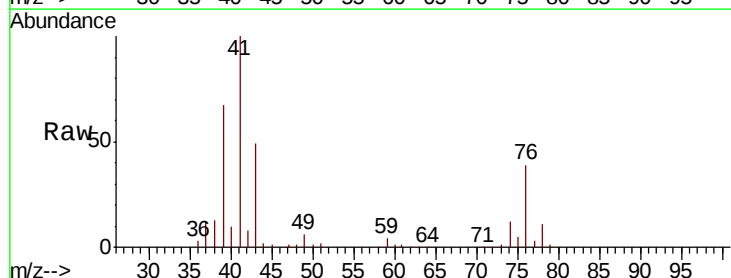
Tgt Ion: 41 Resp: 211239

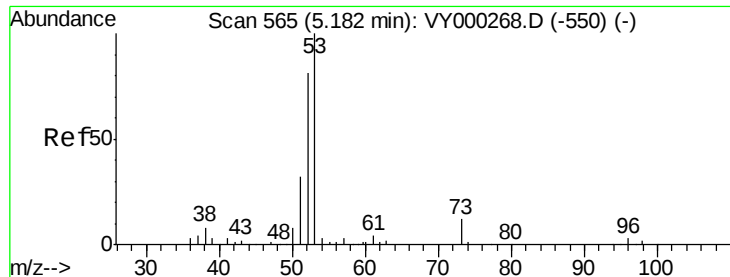
Ion Ratio Lower Upper

41 100

39 66.0 54.0 81.0

76 36.9 30.7 46.1





#15

Acrylonitrile

Concen: 238.833 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

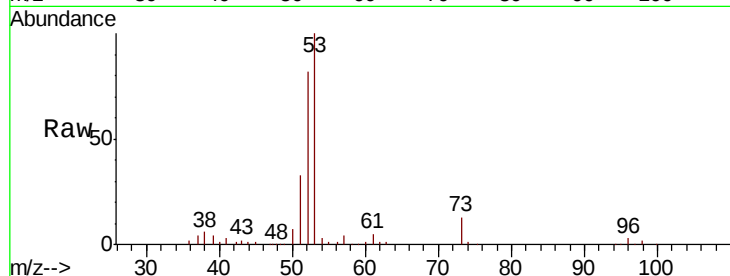
Tot Ion: 53 Resp: 202288

Ion Ratio Lower Upper

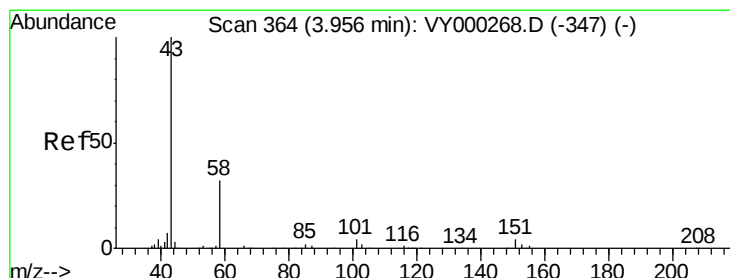
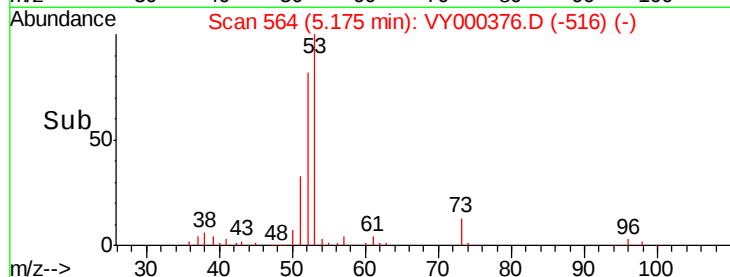
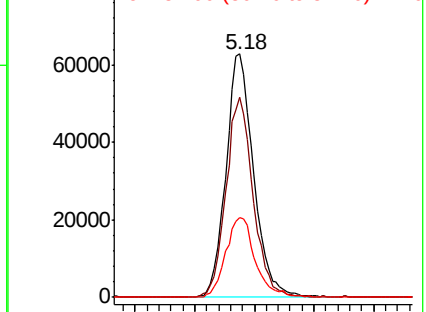
53 100

52 80.4 62.9 94.3

51 35.0 26.9 40.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 269.145 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000376.D

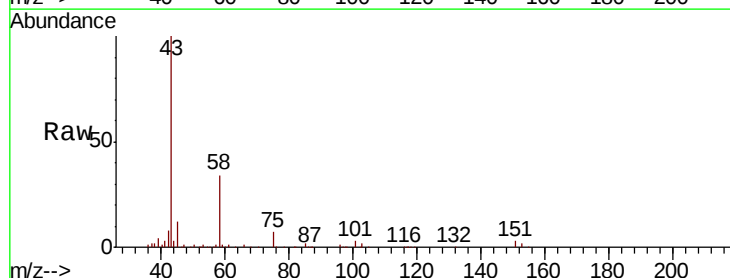
Acq: 23 Oct 2019 13:05

Tgt Ion: 43 Resp: 233460

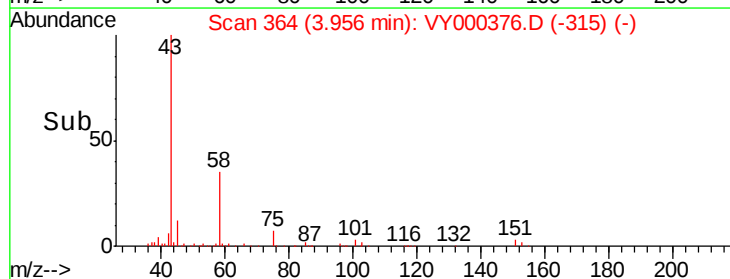
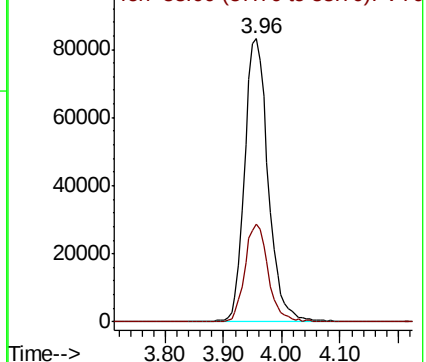
Ion Ratio Lower Upper

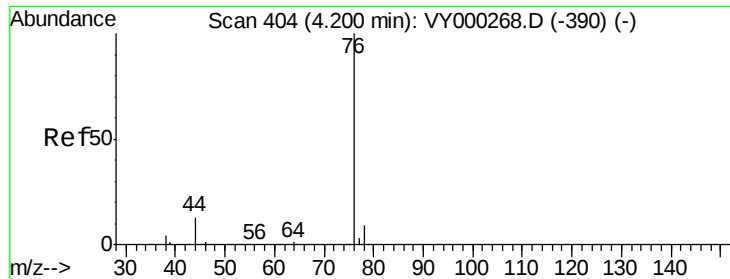
43 100

58 34.4 25.8 38.6



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

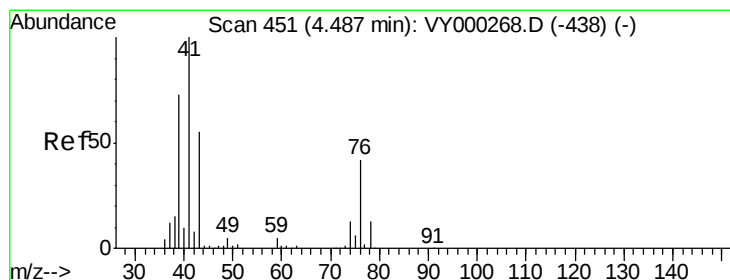
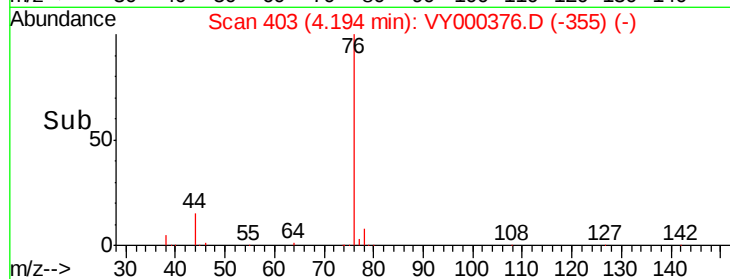
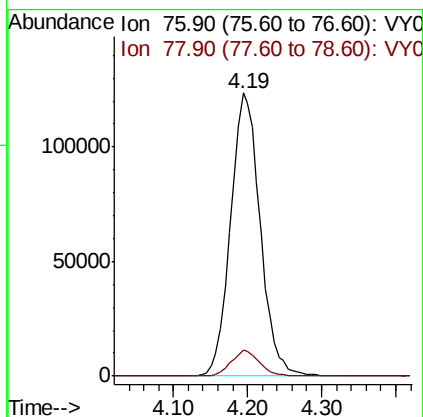
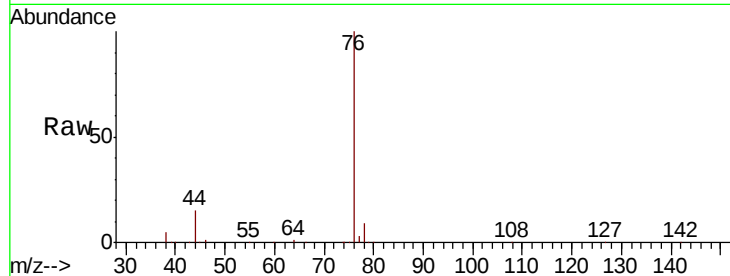




#17
Carbon Disulfide
Concen: 42.550 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

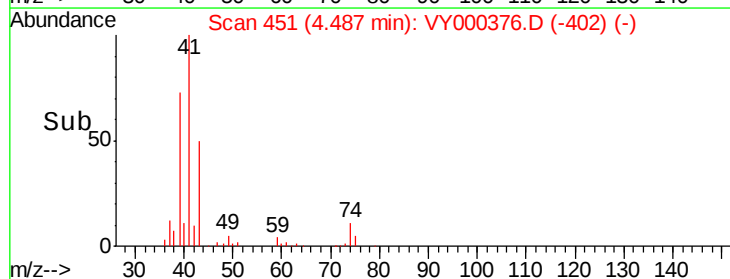
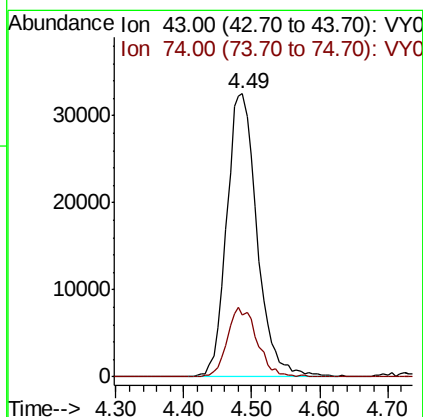
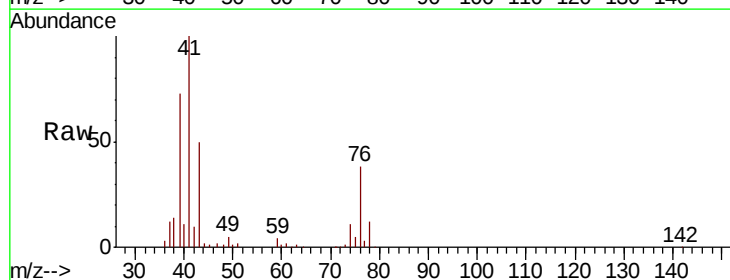
Instrument :
MSVOA_Y
ClientSampleId :

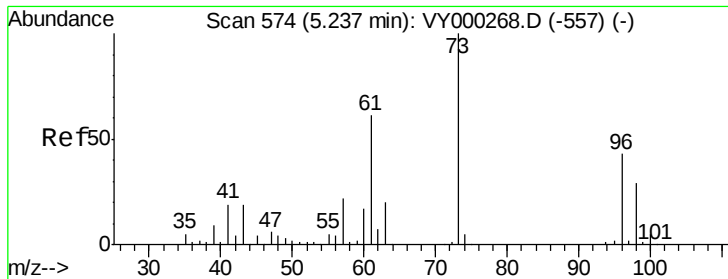
Tot Ion: 76 Resp: 343577
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 46.846 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 43 Resp: 100961
Ion Ratio Lower Upper
43 100
74 23.8 20.4 30.6

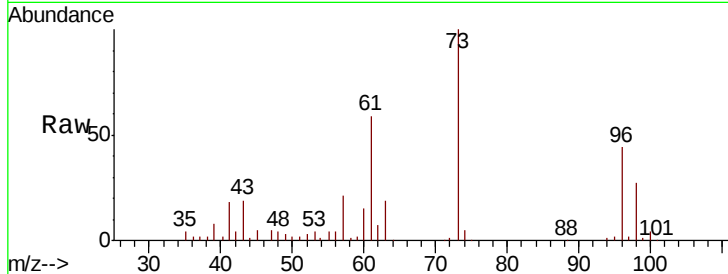




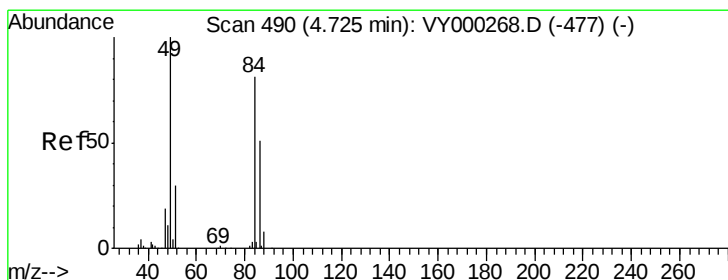
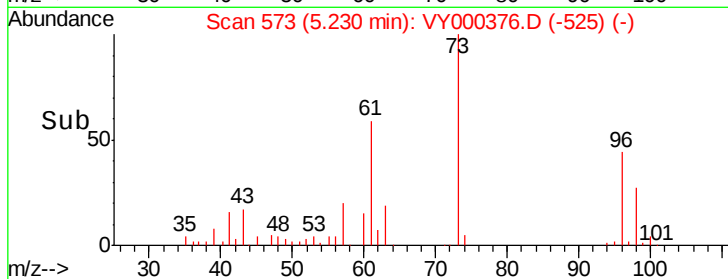
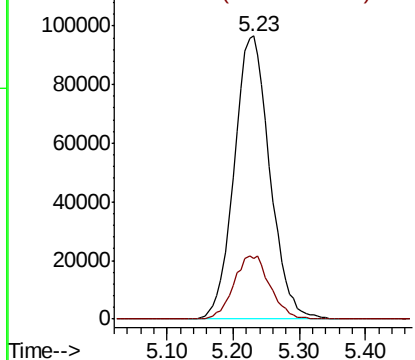
#19
Methyl tert-butyl Ether
Concen: 50.558 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 360945
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

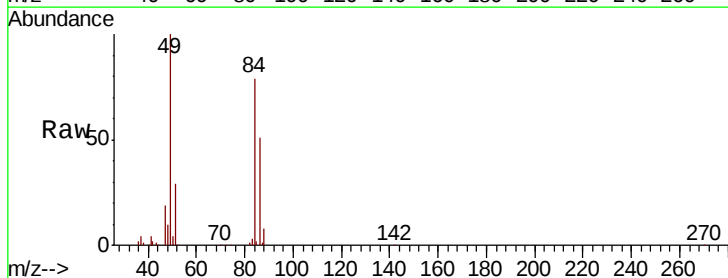


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

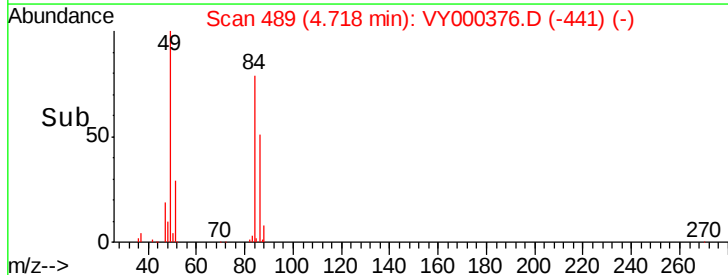
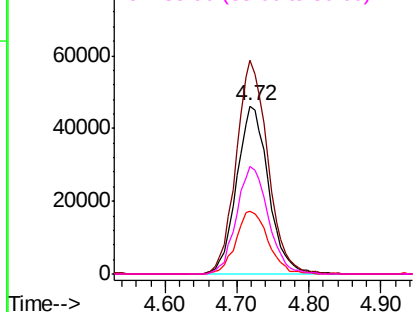


#20
Methylene Chloride
Concen: 48.177 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 84 Resp: 141382
Ion Ratio Lower Upper
84 100
49 127.3 99.0 148.4
51 37.2 29.3 43.9
86 64.4 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 46.873 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

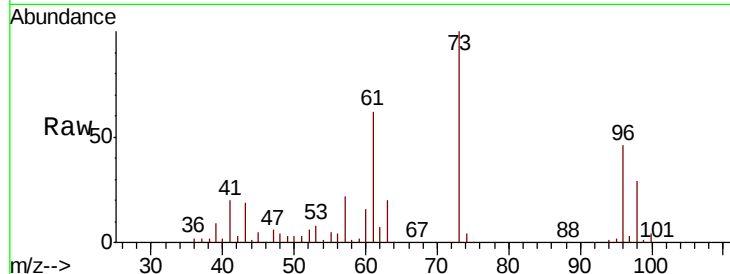
Tot Ion: 96 Resp: 137915

Ion Ratio Lower Upper

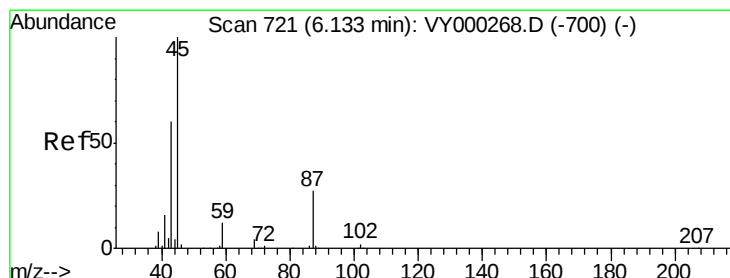
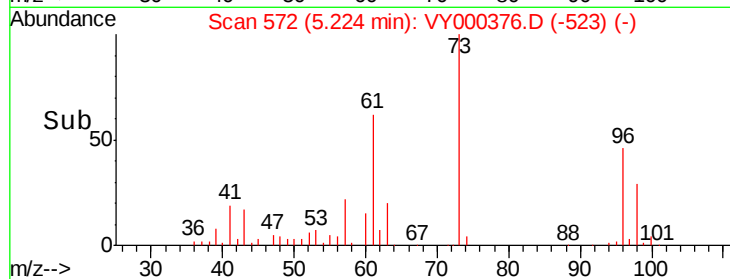
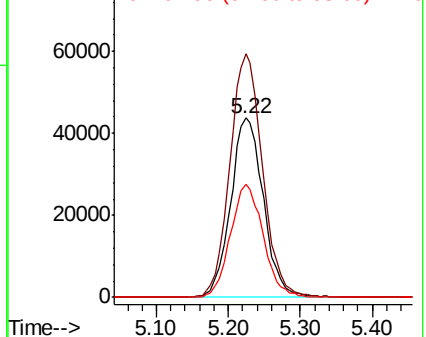
96 100

61 135.9 100.4 150.6

98 63.1 44.6 66.8



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: 52.963 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Tgt Ion: 45 Resp: 476067

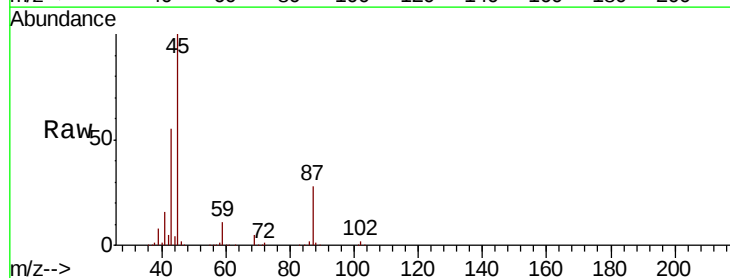
Ion Ratio Lower Upper

45 100

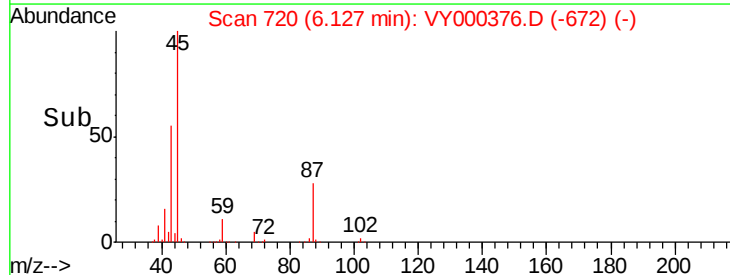
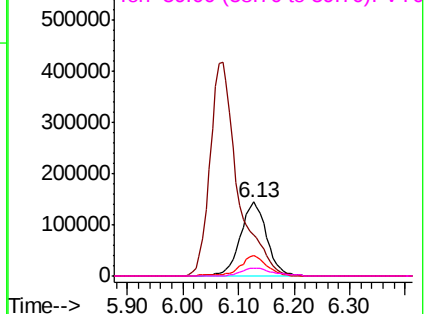
43 55.3 48.5 72.7

87 28.1 21.5 32.3

59 11.2 9.4 14.0



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

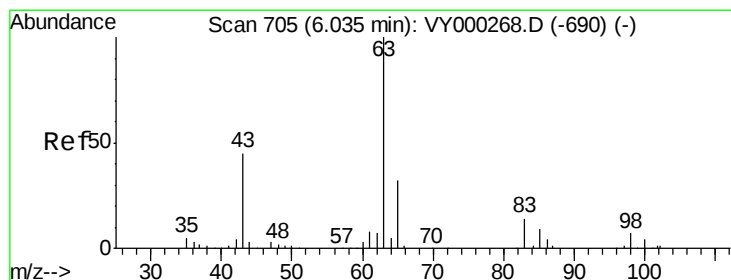
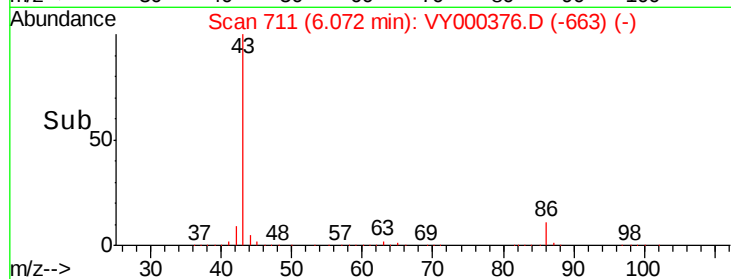
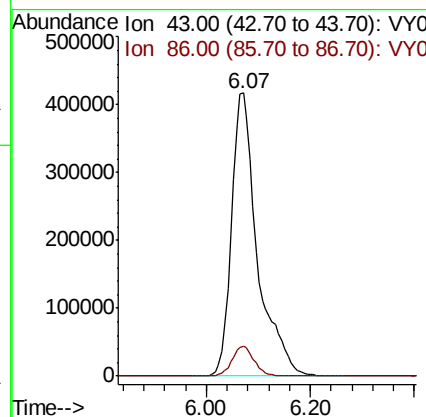
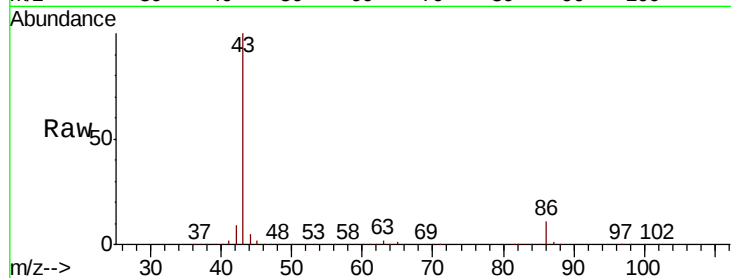




#23
 Vinyl Acetate
 Concen: 245.537 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

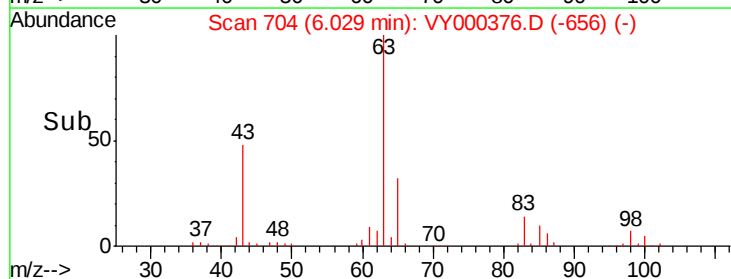
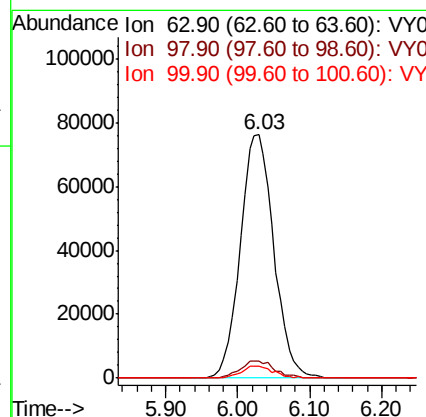
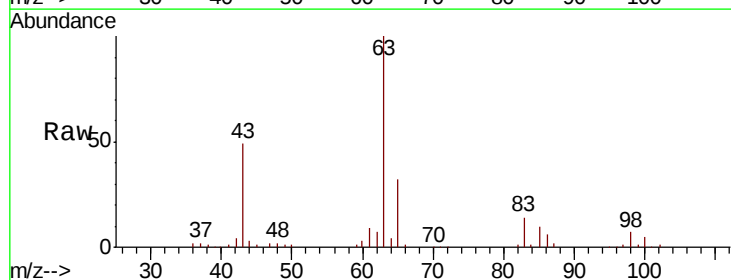
Instrument :
 MSVOA_Y
 ClientSampleId :

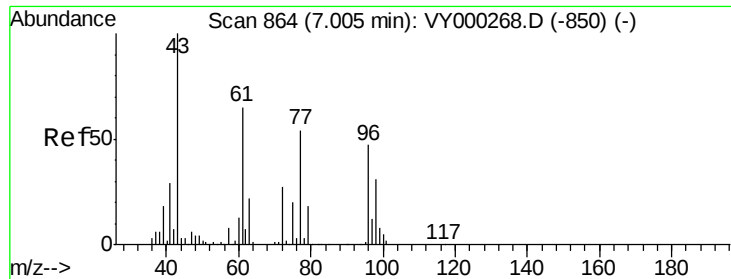
Tot Ion: 43 Resp: 1439859
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.144 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion: 63 Resp: 246025
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 5.0 2.1 6.2





#25

2-Butanone

Concen: 254.456 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

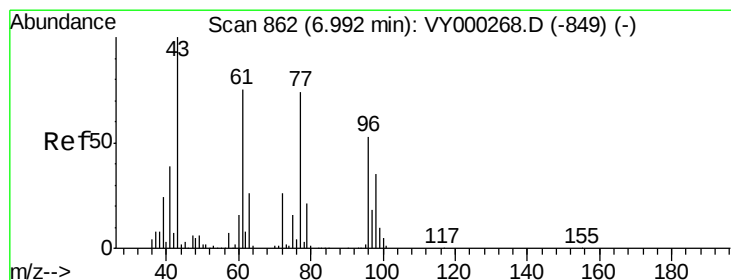
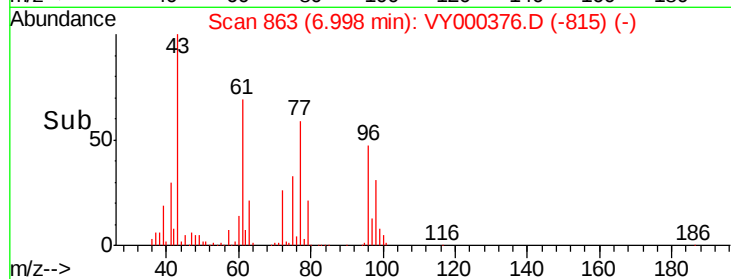
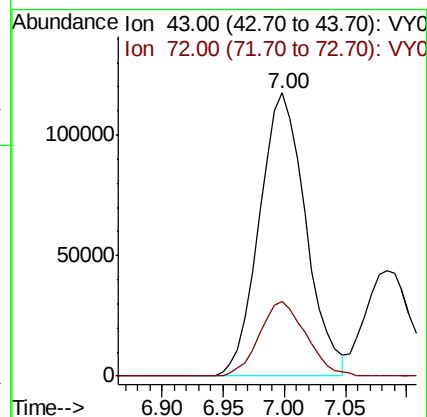
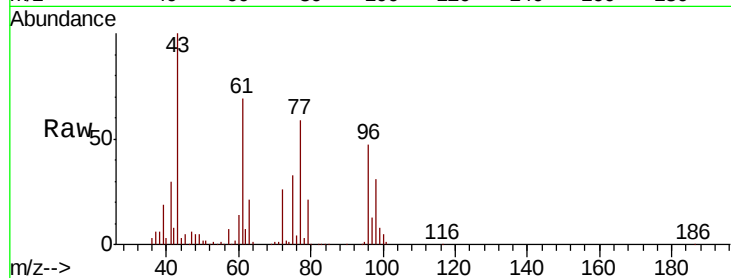
ClientSampled :

Tot Ion: 43 Resp: 310922

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.192 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000376.D

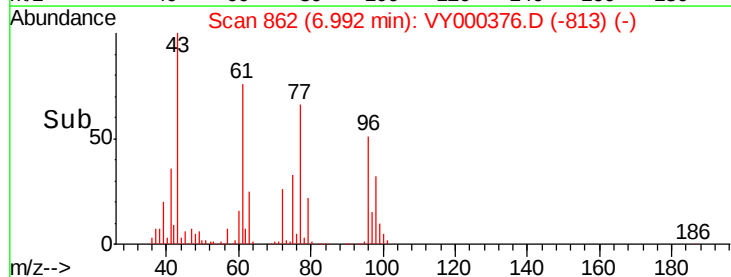
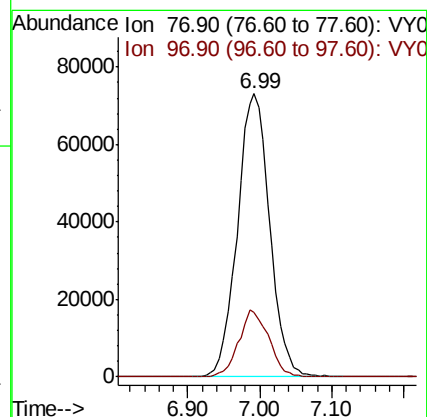
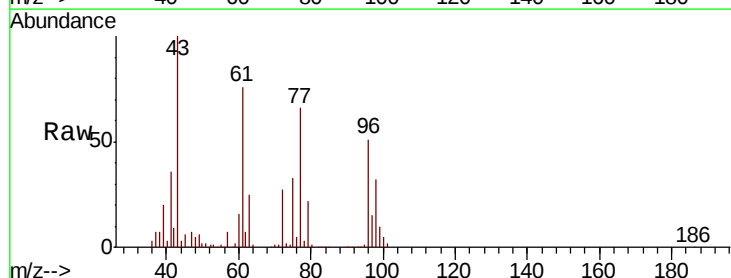
Acq: 23 Oct 2019 13:05

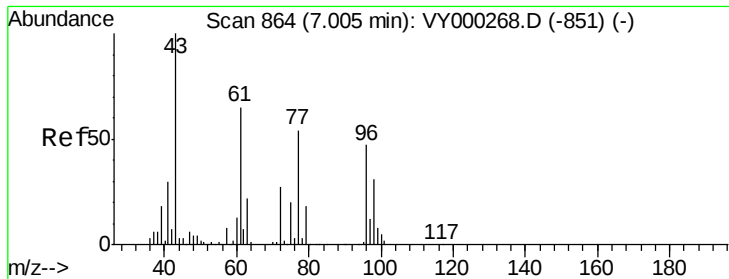
Tgt Ion: 77 Resp: 226921

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.7



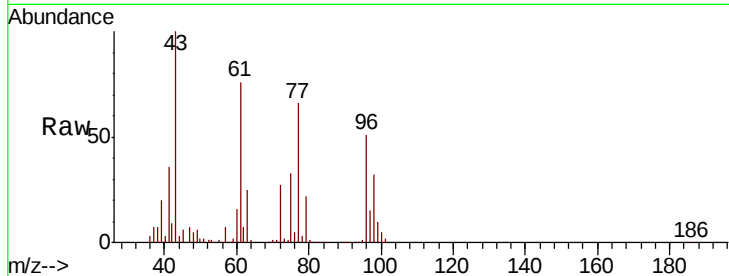


#27

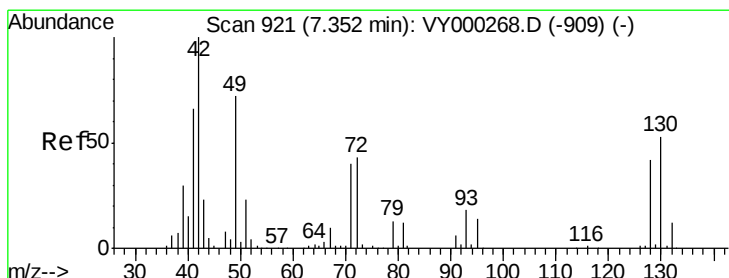
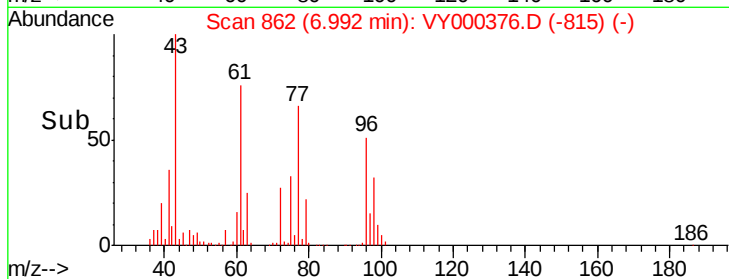
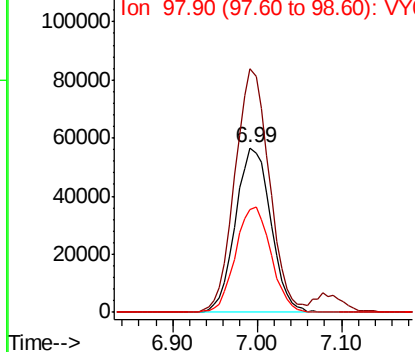
cis-1,2-Dichloroethene
 Concen: 50.336 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 160260
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 289.8
 98 64.5 0.0 131.8



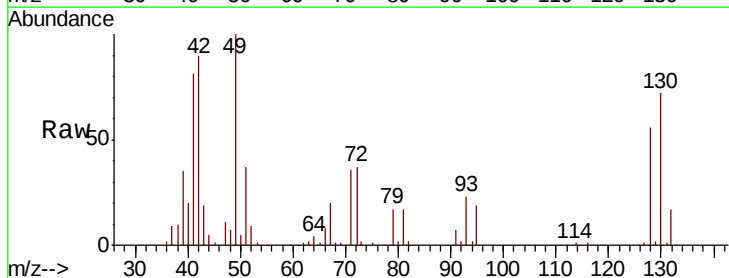
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



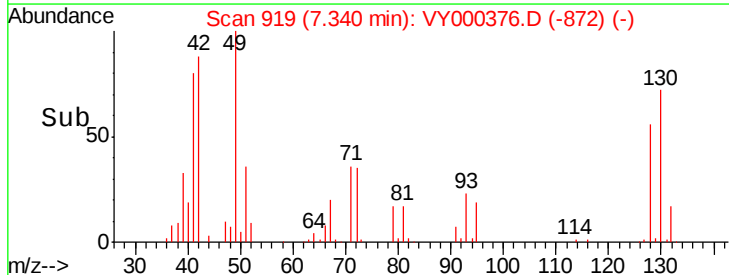
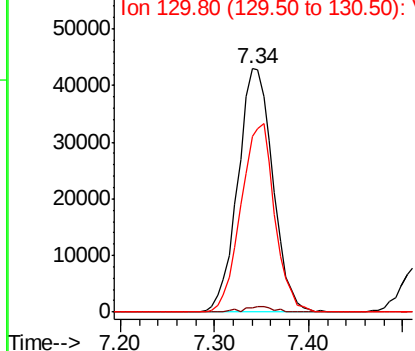
#28

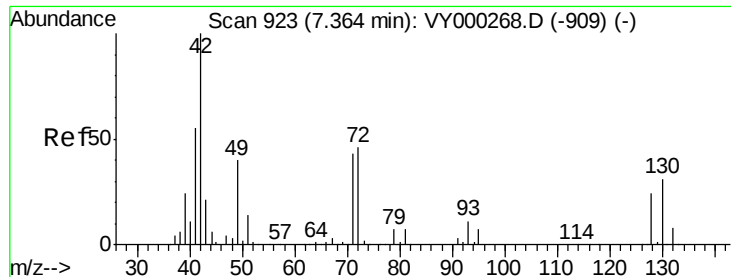
Bromochloromethane
 Concen: 53.042 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion: 49 Resp: 111719
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 74.9 58.2 87.2



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

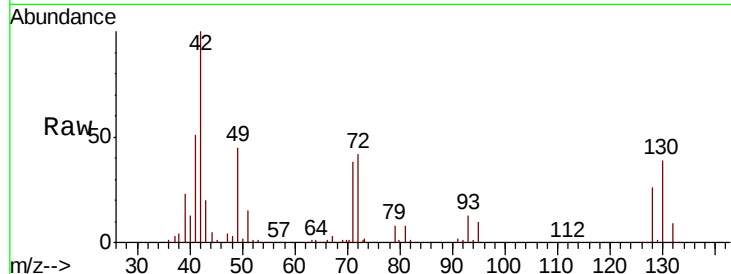




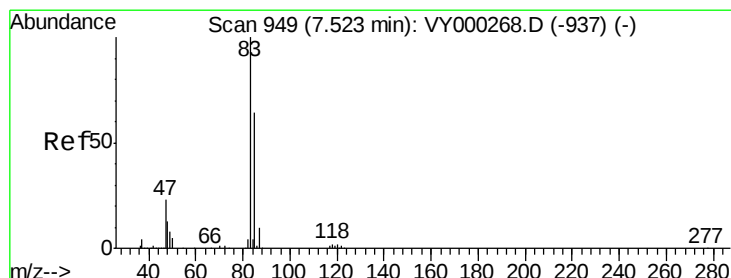
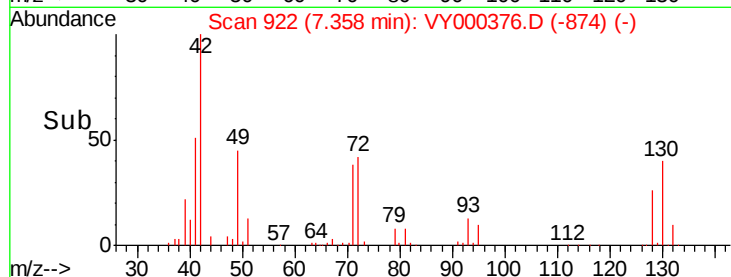
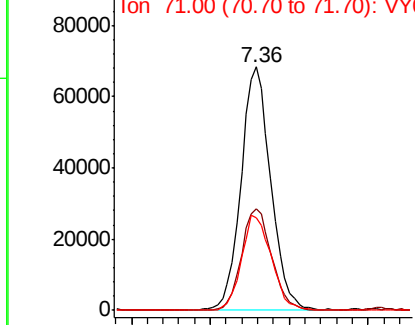
#29
Tetrahydrofuran
Concen: 242.380 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 179488
Ion Ratio Lower Upper
42 100
72 42.4 34.5 51.7
71 38.9 32.7 49.1

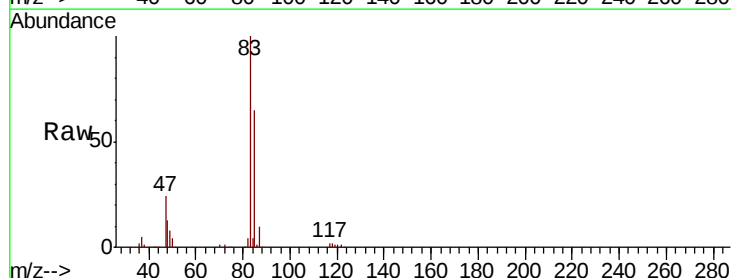


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

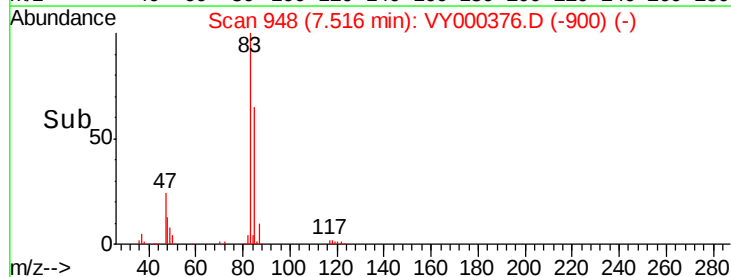
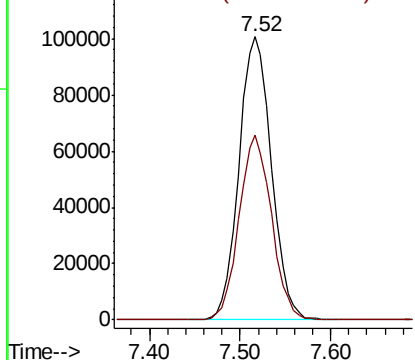


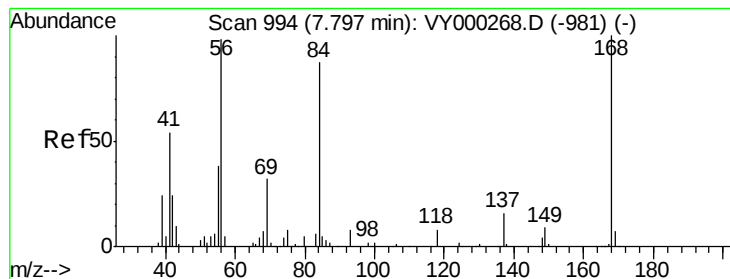
#30
Chloroform
Concen: 50.472 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 83 Resp: 249388
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2



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





#31

Cyclohexane

Concen: 46.494 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampled :

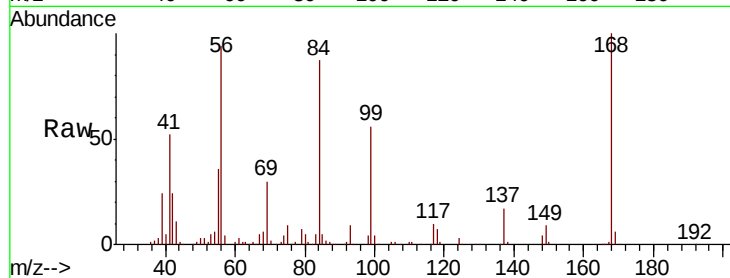
Tot Ion: 56 Resp: 238257

Ion Ratio Lower Upper

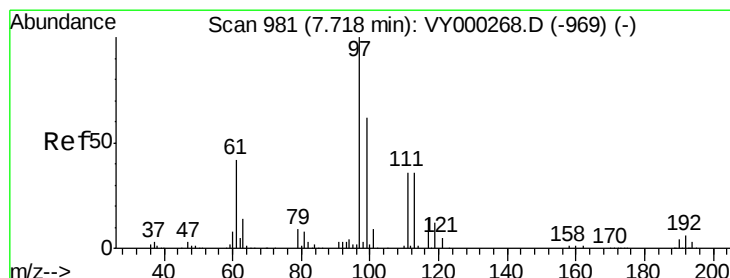
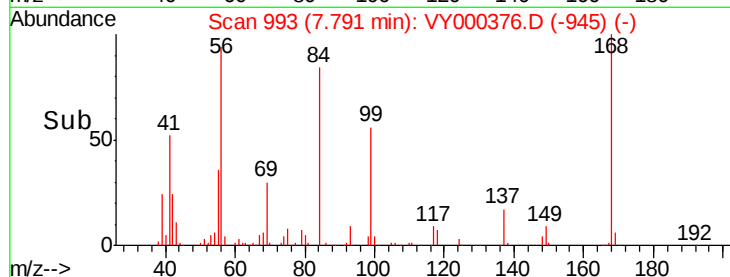
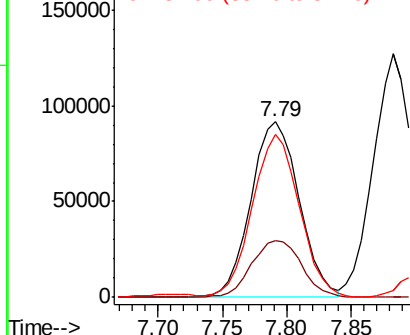
56 100

69 32.5 26.3 39.5

84 90.7 70.8 106.2



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: 50.985 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

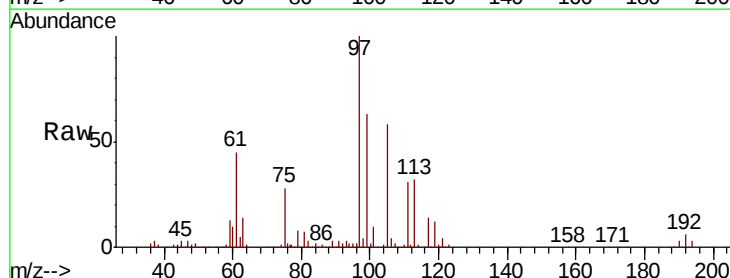
Tgt Ion: 97 Resp: 223966

Ion Ratio Lower Upper

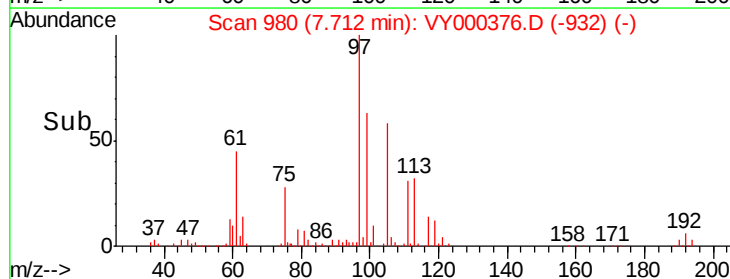
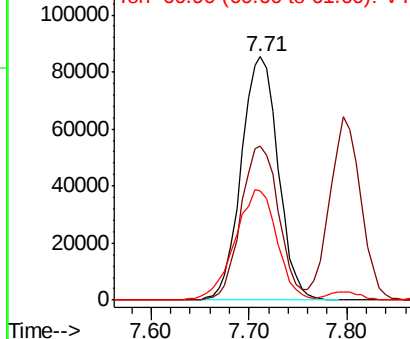
97 100

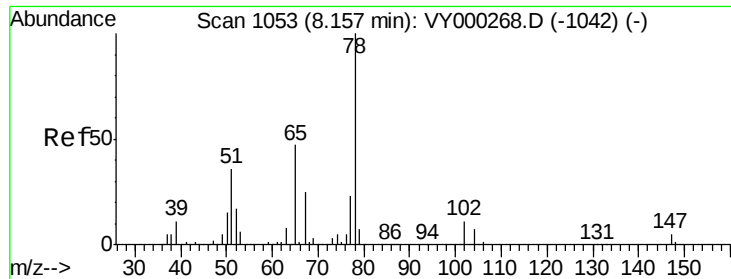
99 65.5 51.7 77.5

61 51.4 34.5 51.7



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: 48.682 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

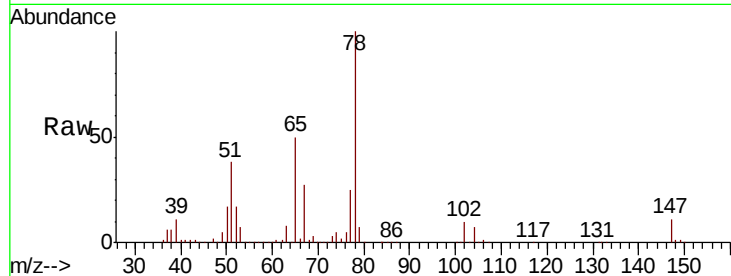
ClientSampleId :

Tot Ion: 65 Resp: 130395

Ion Ratio Lower Upper

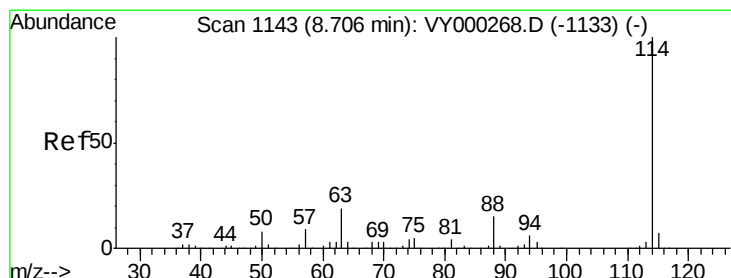
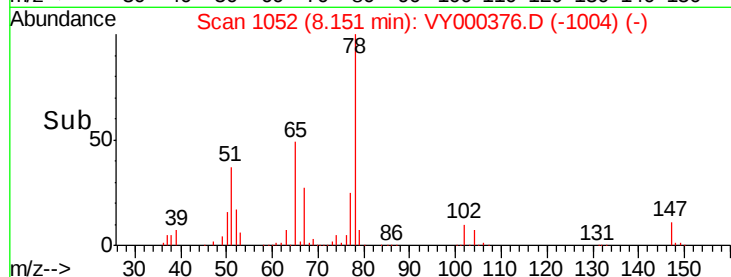
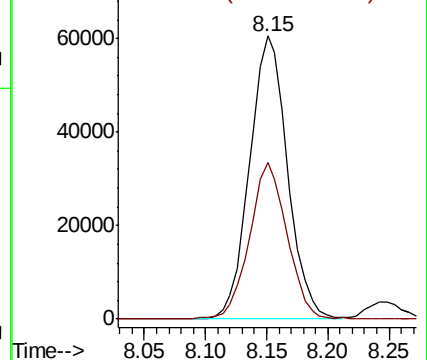
65 100

67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

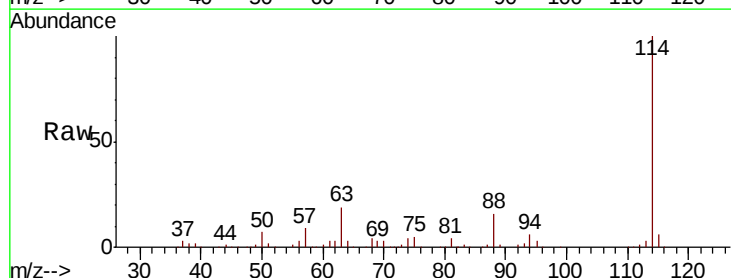
Tgt Ion: 114 Resp: 410585

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

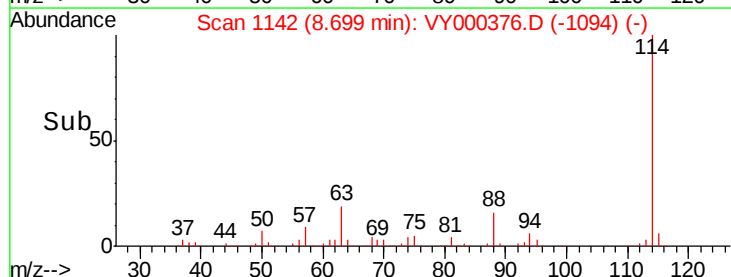
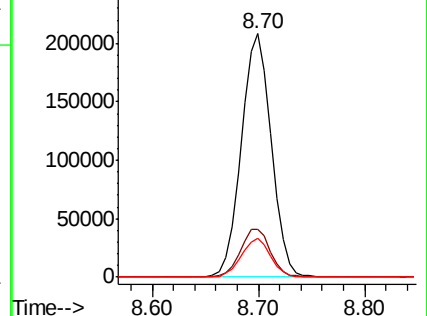
88 15.8 0.0 30.2

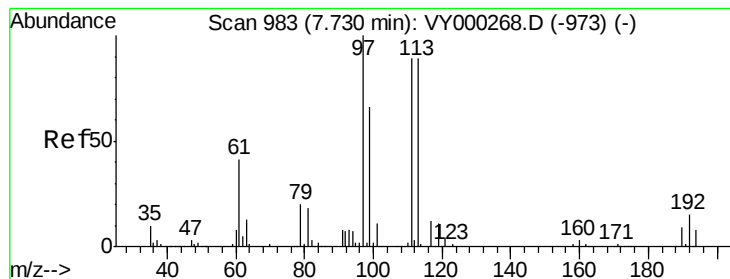


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 48.065 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

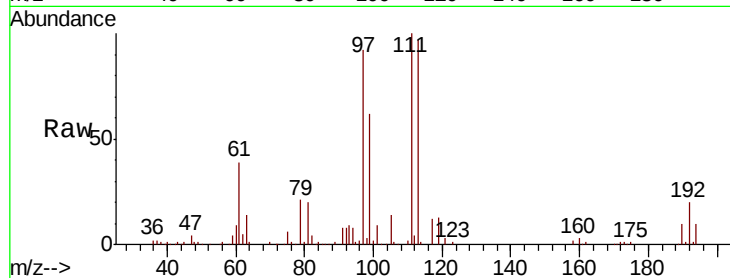
Tot Ion:113 Resp: 119042

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

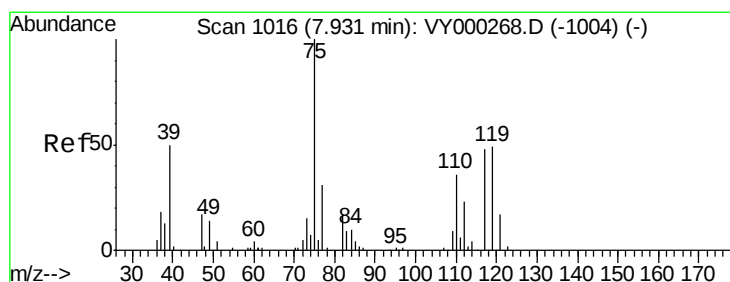
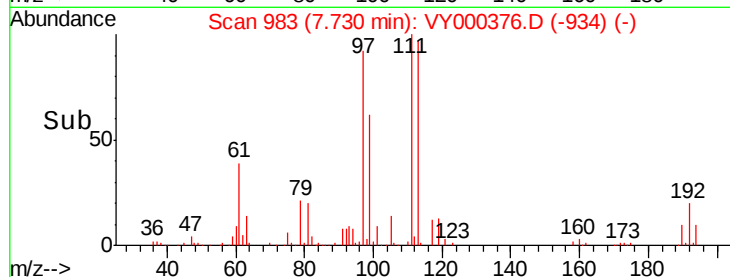
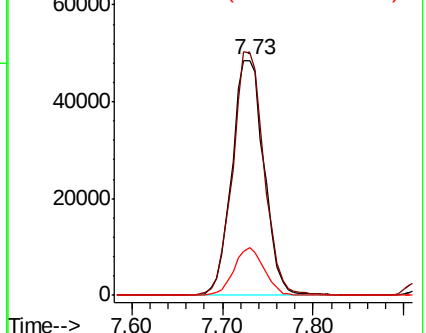
192 19.2 15.3 22.9



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: 49.611 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

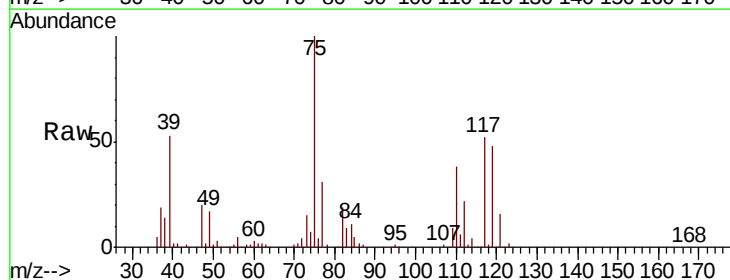
Tgt Ion: 75 Resp: 199431

Ion Ratio Lower Upper

75 100

110 35.4 18.4 55.4

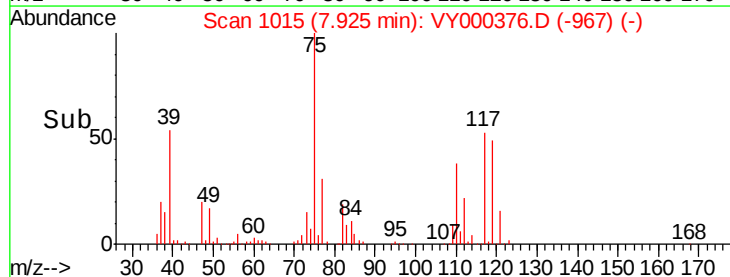
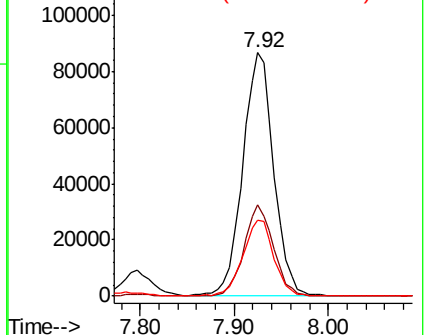
77 31.2 25.0 37.6

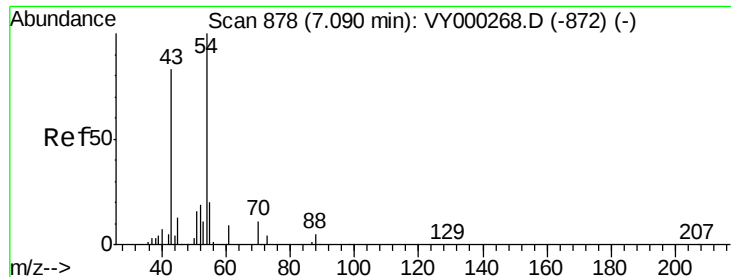


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

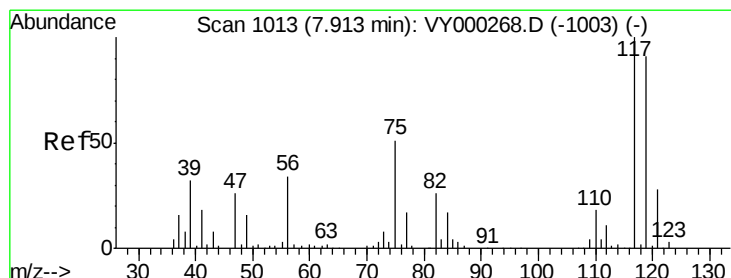
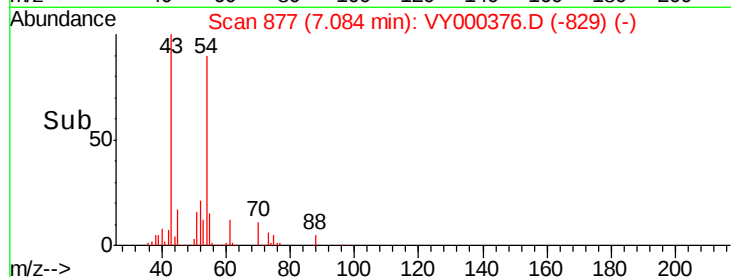
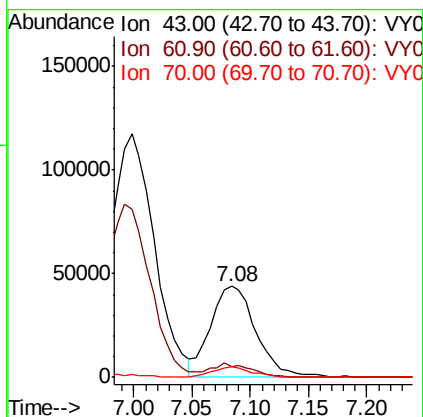
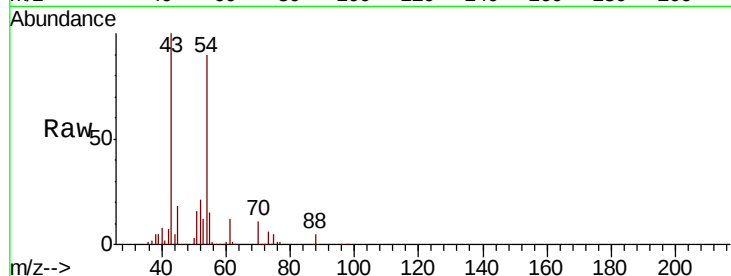




#37
Ethyl Acetate
Concen: 49.434 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

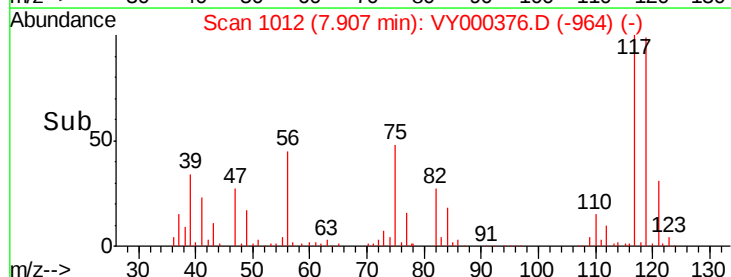
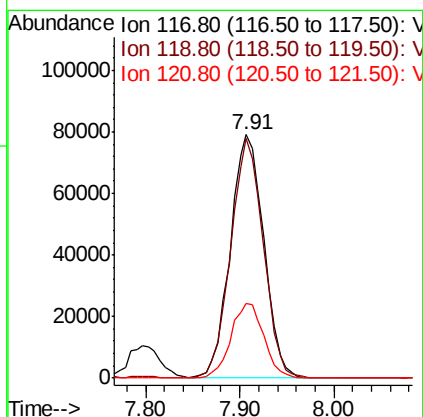
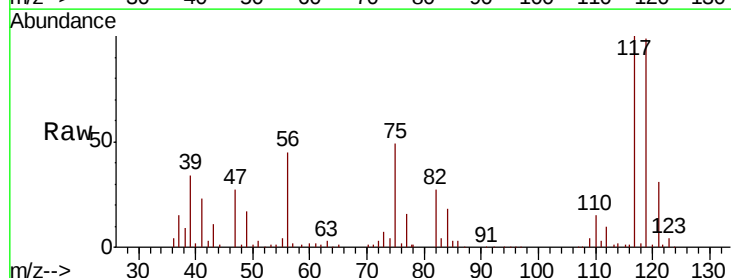
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 117665
Ion Ratio Lower Upper
43 100
61 13.1 12.1 18.1
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.142 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 117 Resp: 195161
Ion Ratio Lower Upper
117 100
119 98.6 72.8 109.2
121 30.8 22.2 33.2

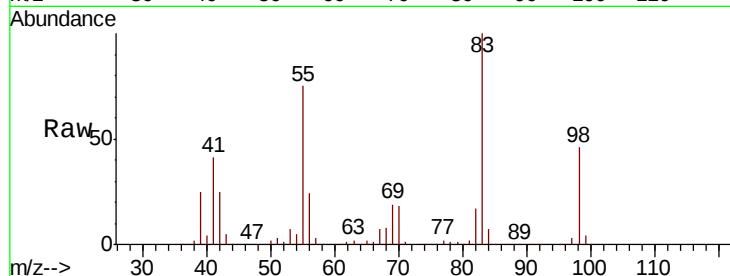




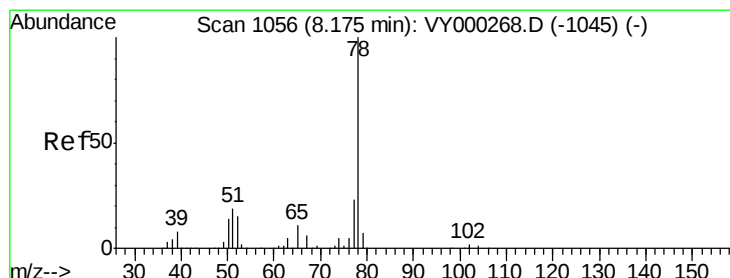
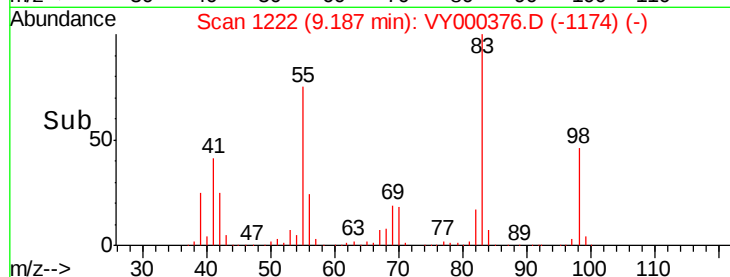
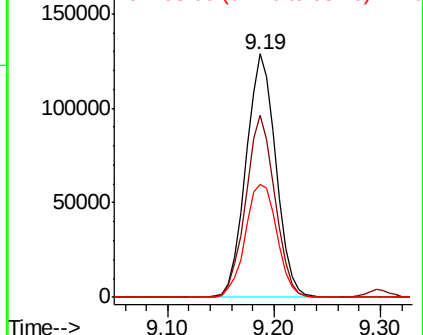
#39
Methvlcvclohexane
Concen: 48.221 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	253701
Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.9	91.3
98	46.2	41.8	62.6

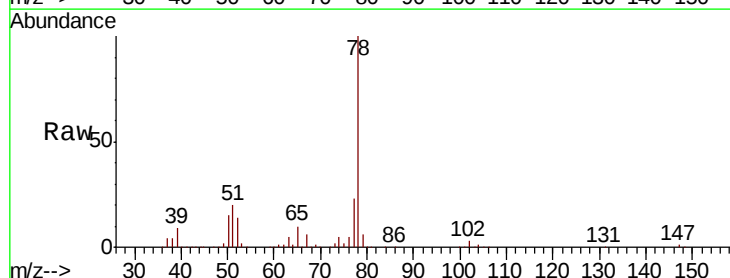


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

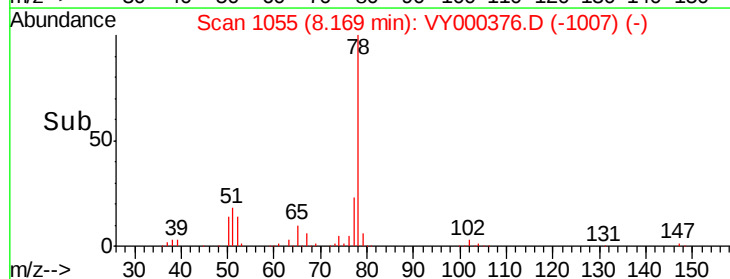
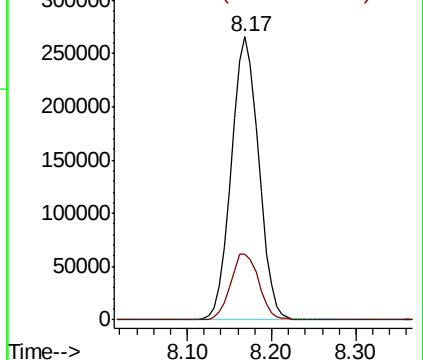


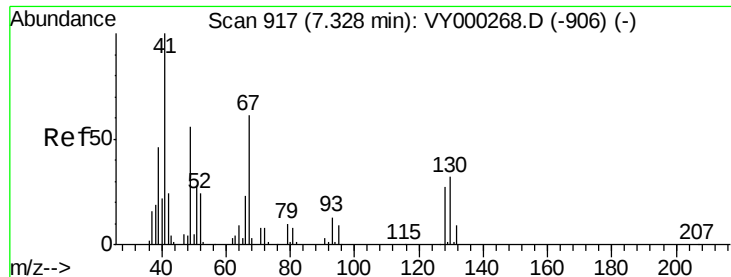
#40
Benzene
Concen: 50.215 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion	78	Resp	583346
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

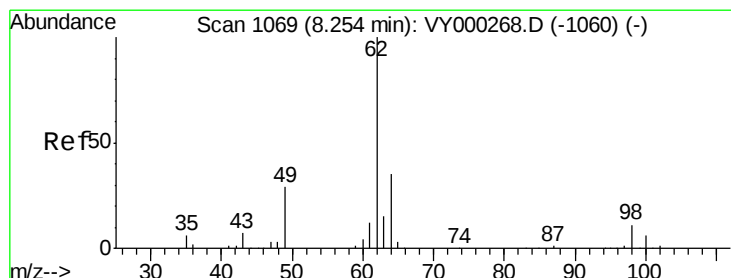
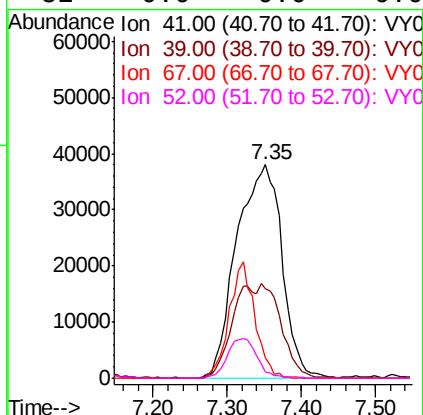
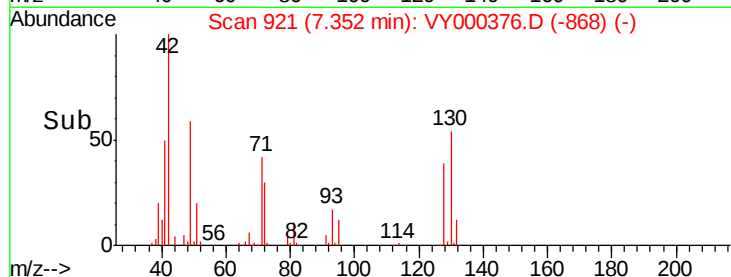
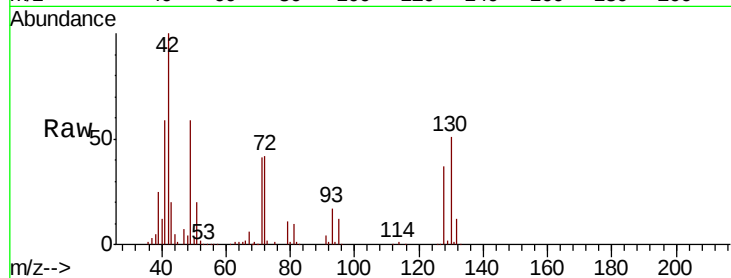




#41
Methacrylonitrile
Concen: 142.682 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

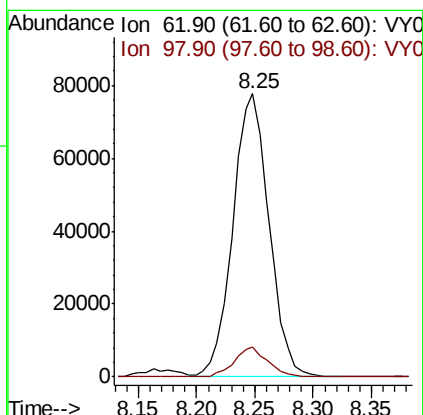
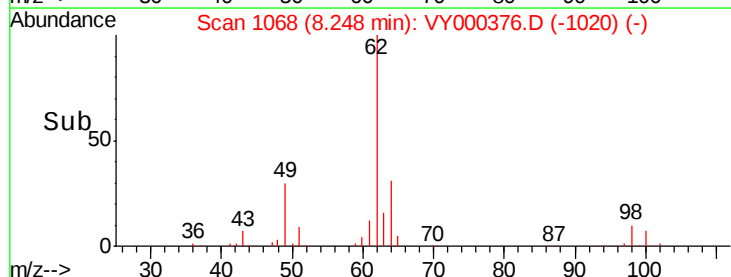
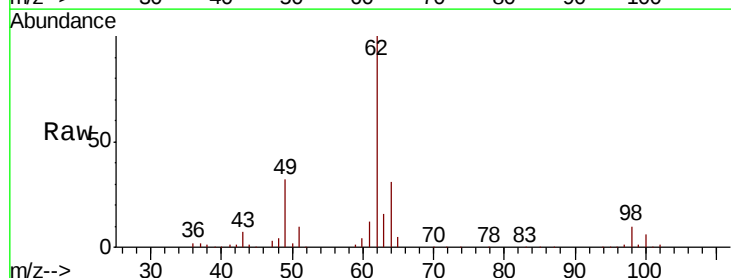
Instrument :
MSVOA_Y
ClientSampleId :

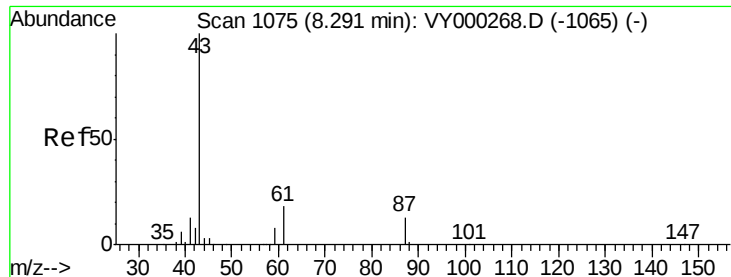
Tot Ion: 41 Resp: 161660
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.667 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 62 Resp: 168132
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.6





#43

Isopropyl Acetate

Concen: 50.926 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampled :

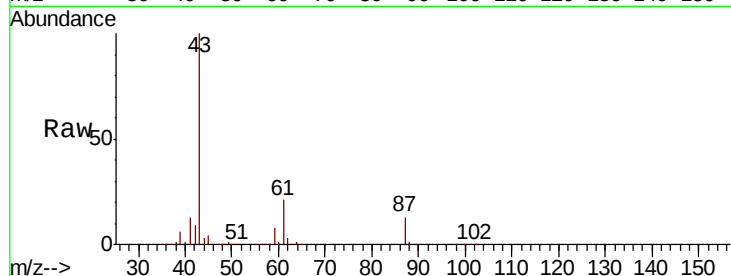
Tot Ion: 43 Resp: 230483

Ion Ratio Lower Upper

43 100

61 27.8 22.3 33.5

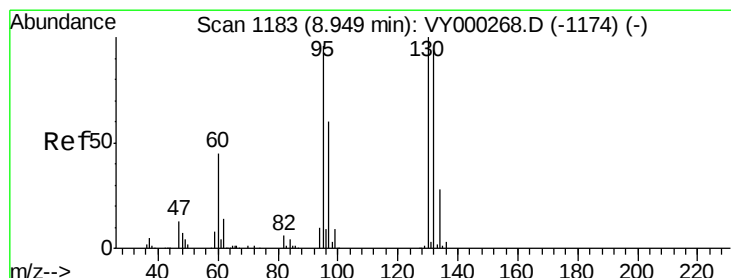
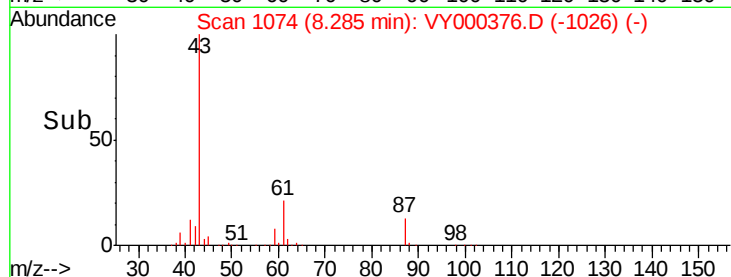
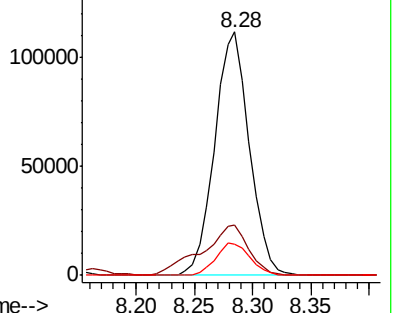
87 13.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000376.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000376.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000376.D (-1074) (-)



#44

Trichloroethene

Concen: 49.933 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000376.D

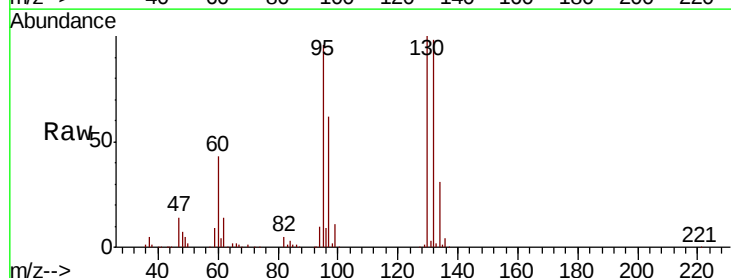
Acq: 23 Oct 2019 13:05

Tgt Ion:130 Resp: 162760

Ion Ratio Lower Upper

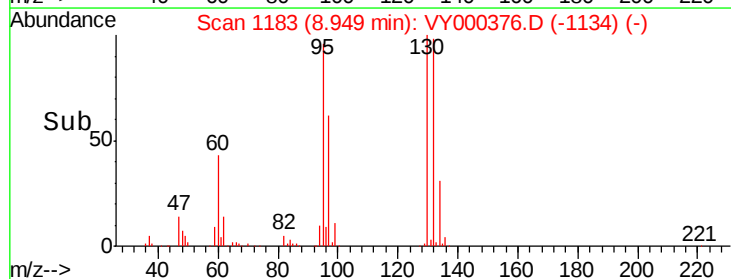
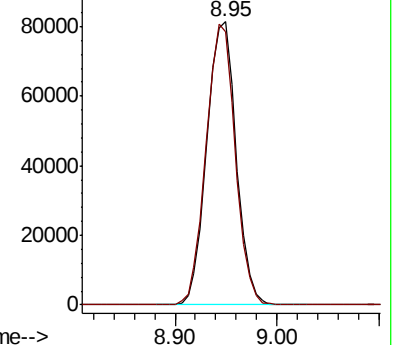
130 100

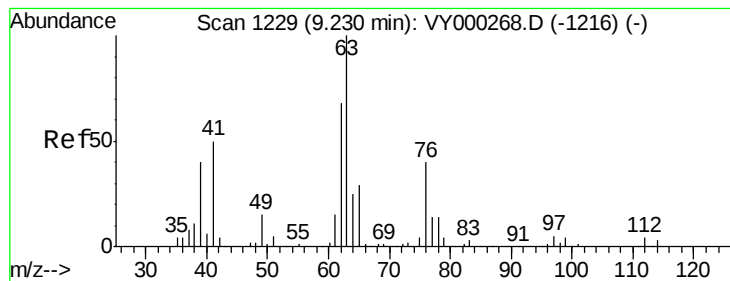
95 96.4 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000376.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000376.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 52.482 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

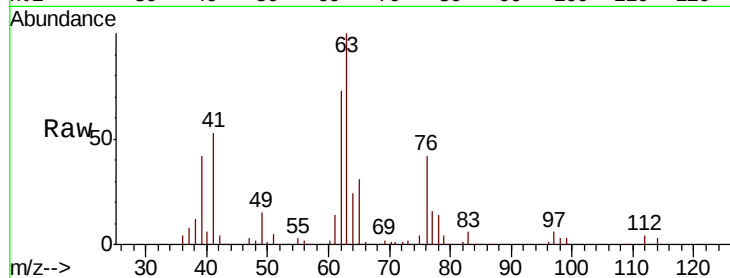
ClientSampled :

Tot Ion: 63 Resp: 149619

Ion Ratio Lower Upper

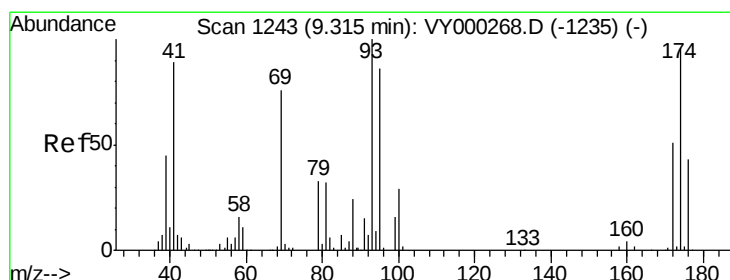
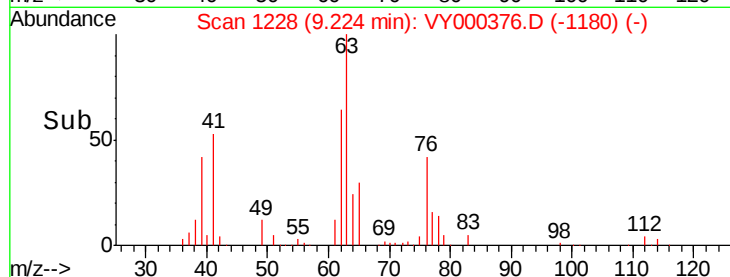
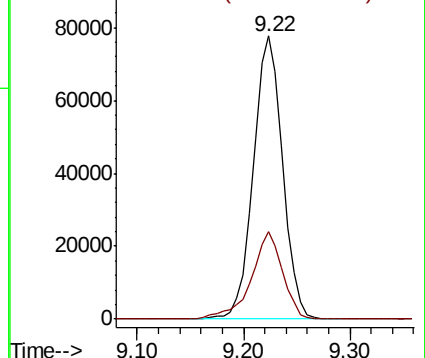
63 100

65 31.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 50.554 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

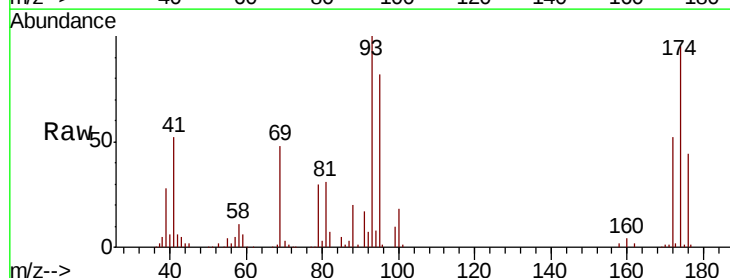
Tgt Ion: 93 Resp: 80566

Ion Ratio Lower Upper

93 100

95 83.6 68.2 102.2

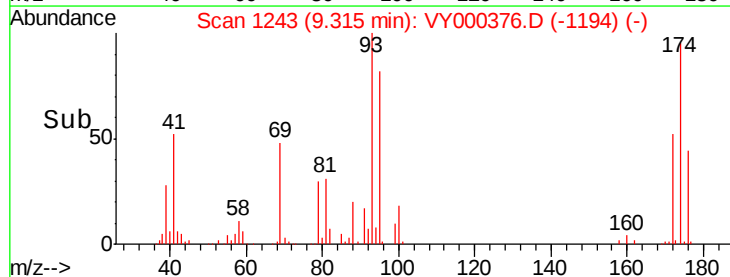
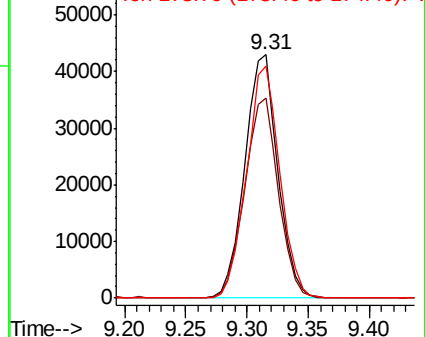
174 96.2 79.8 119.6

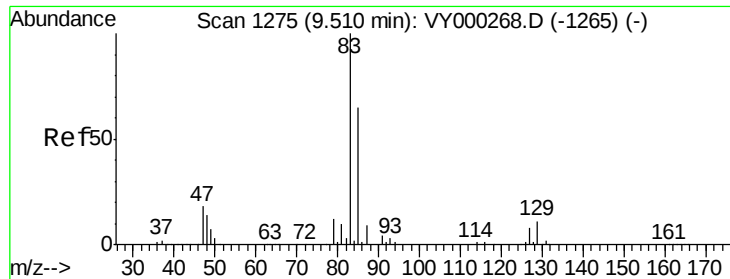


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.230 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampled :

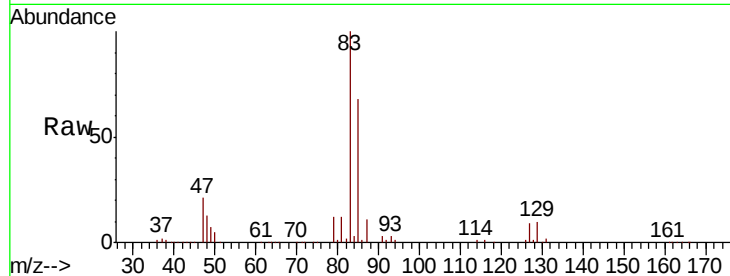
Tot Ion: 83 Resp: 196166

Ion Ratio Lower Upper

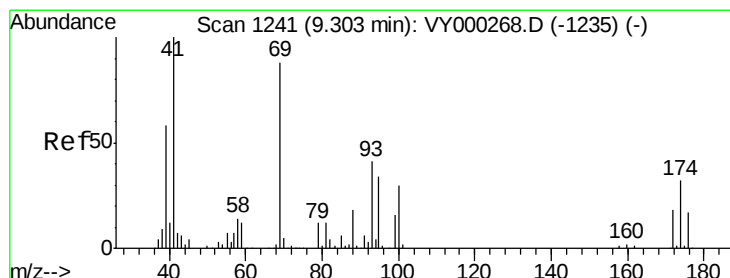
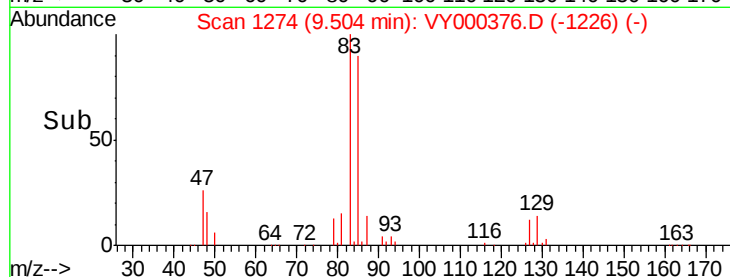
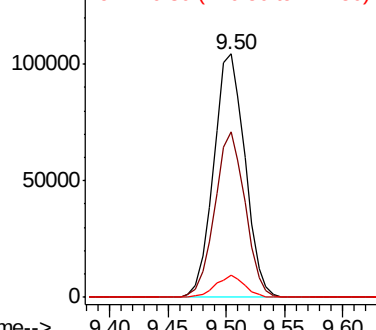
83 100

85 68.1 52.2 78.2

127 9.0 6.3 9.5



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: 50.596 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

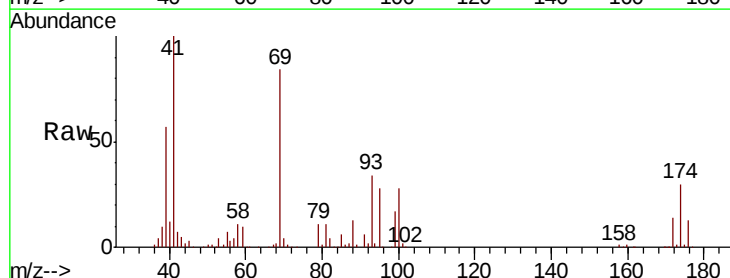
Tgt Ion: 41 Resp: 100355

Ion Ratio Lower Upper

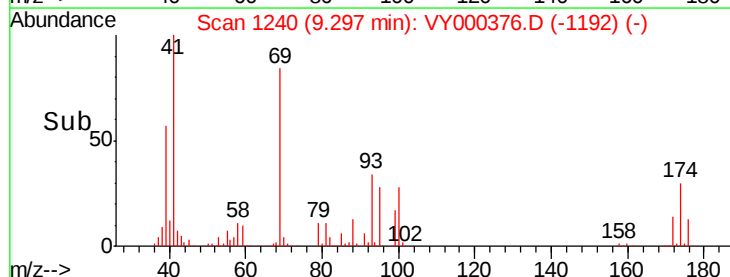
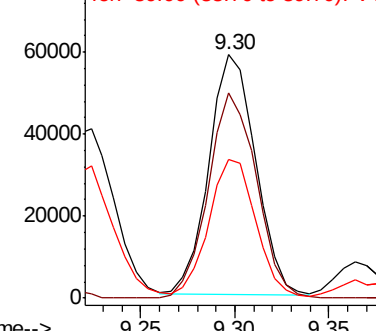
41 100

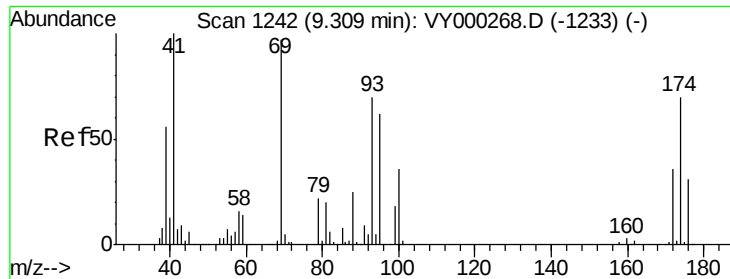
69 88.5 70.0 105.0

39 59.0 47.7 71.5



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

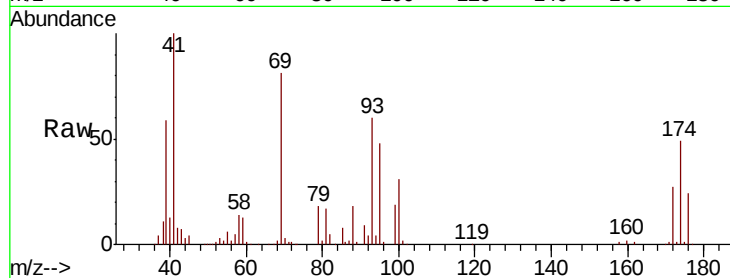




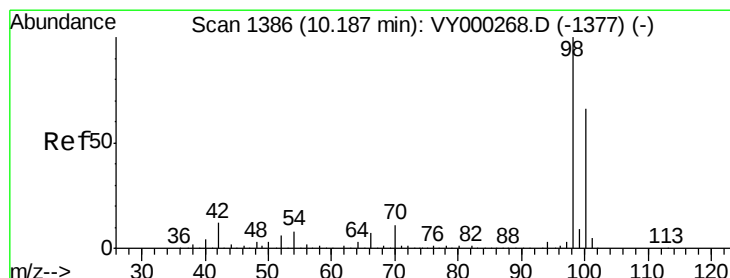
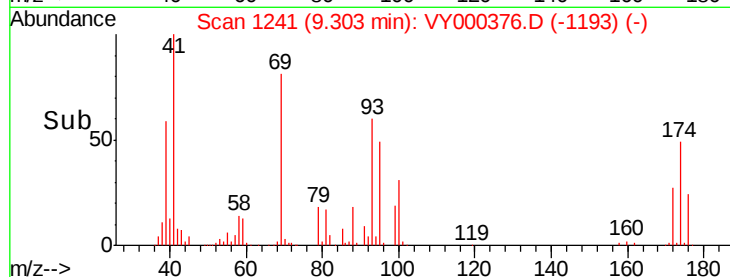
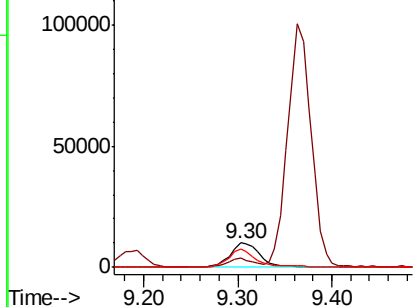
#49
1,4-Dioxane
Concen: 925.120 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 22106
Ion Ratio Lower Upper
88 100
43 32.2 25.6 38.4
58 67.1 54.6 81.8

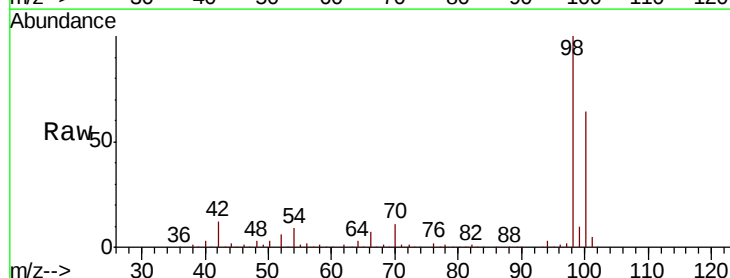


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

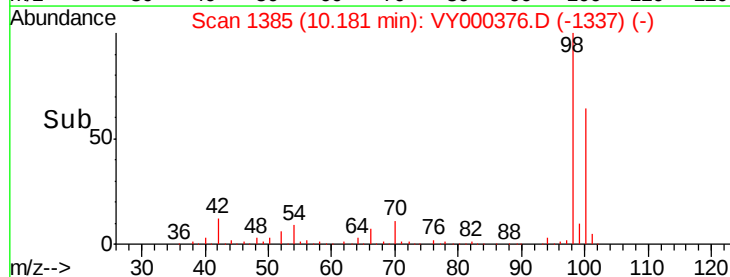
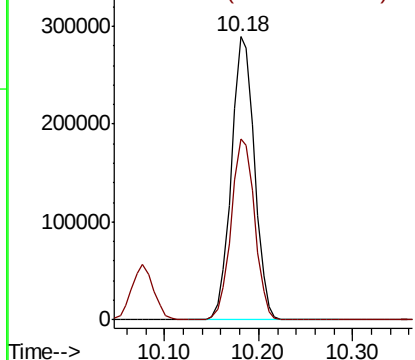


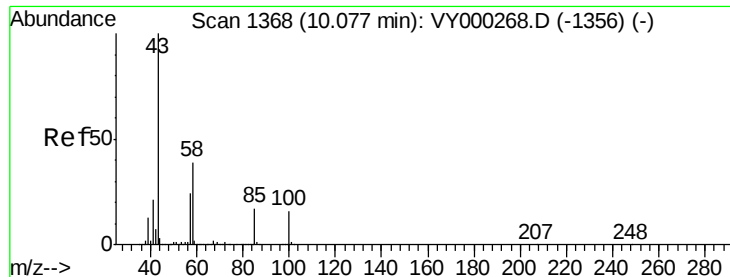
#50
Toluene-d8
Concen: 51.430 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 98 Resp: 489978
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



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: 260.306 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

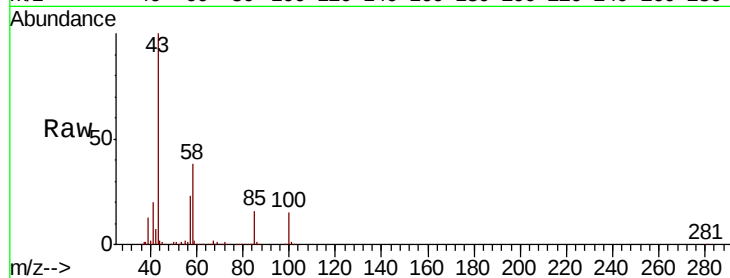
ClientSampled :

Tot Ion: 43 Resp: 607637

Ion Ratio Lower Upper

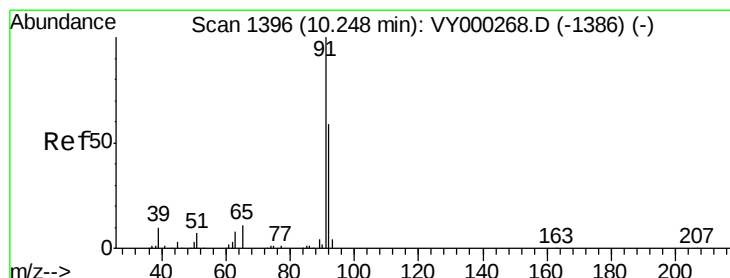
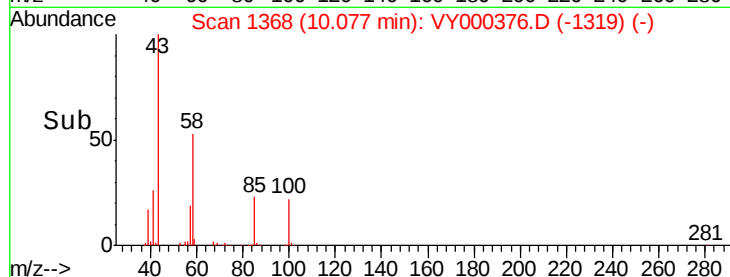
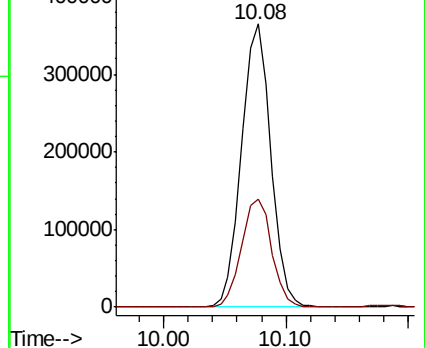
43 100

58 39.4 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 51.059 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000376.D

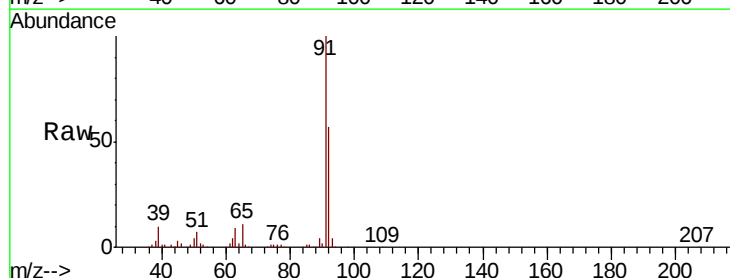
Acq: 23 Oct 2019 13:05

Tgt Ion: 92 Resp: 376592

Ion Ratio Lower Upper

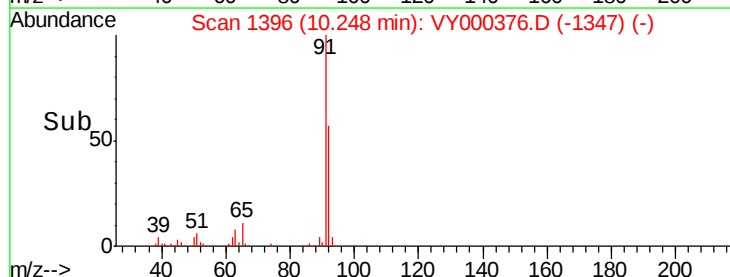
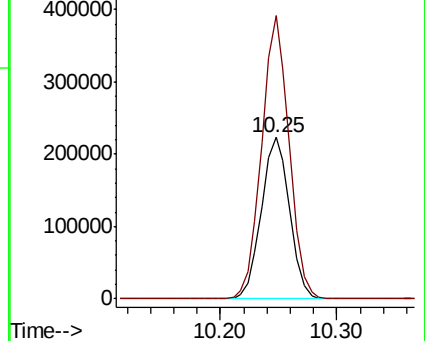
92 100

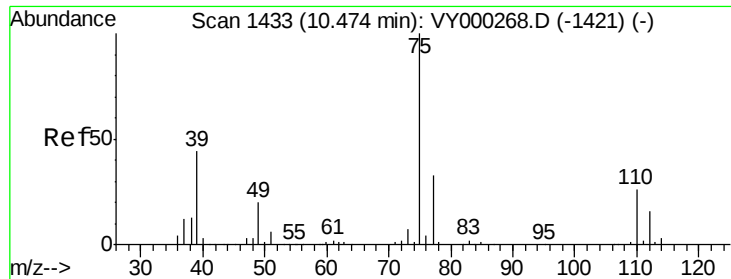
91 170.4 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

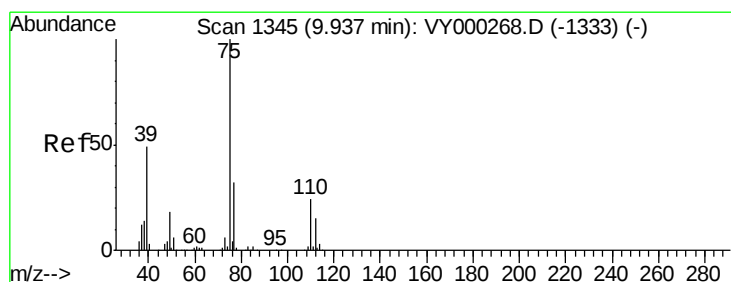
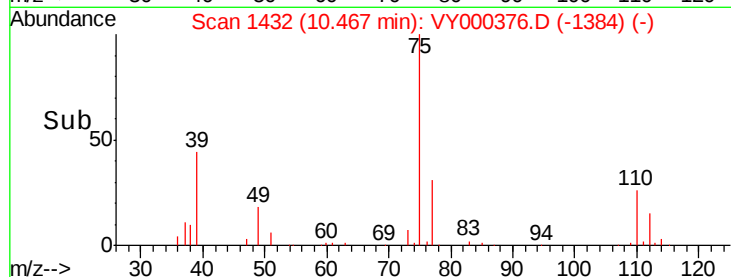
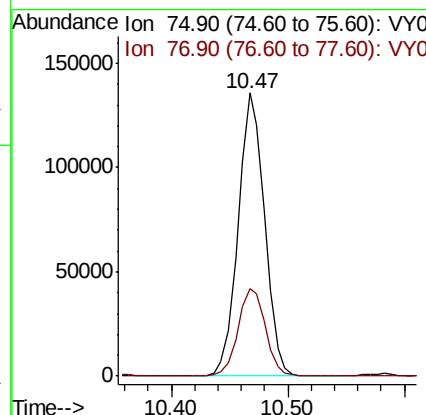
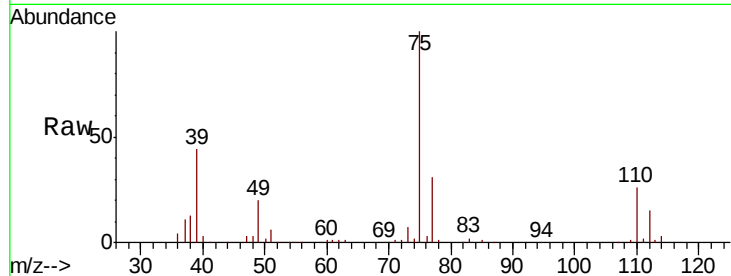




#53
 t-1,3-Dichloropropene
 Concen: 53.239 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

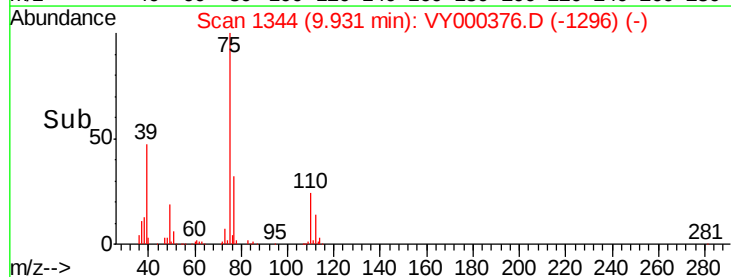
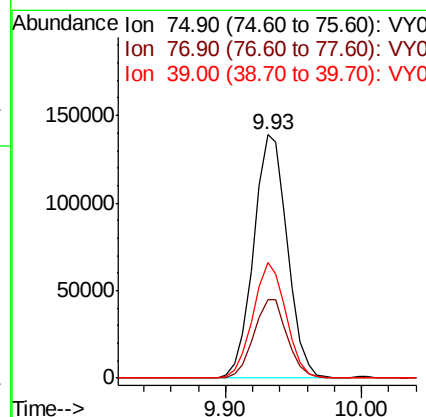
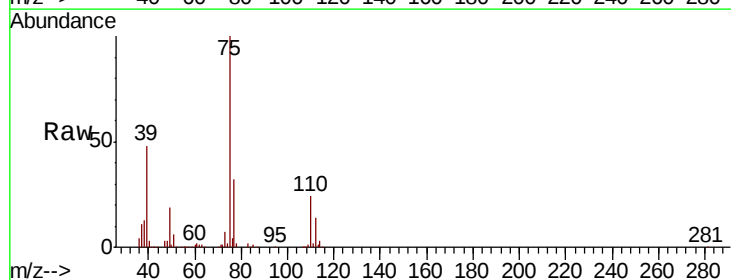
Instrument :
 MSVOA_Y
 ClientSampled :

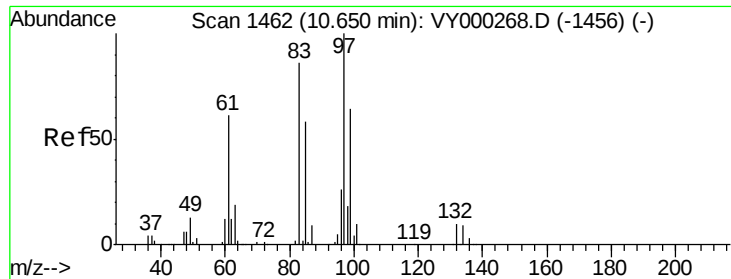
Tot Ion: 75 Resp: 214294
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.869 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion: 75 Resp: 241672
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.0 39.0
 39 47.5 38.8 58.2

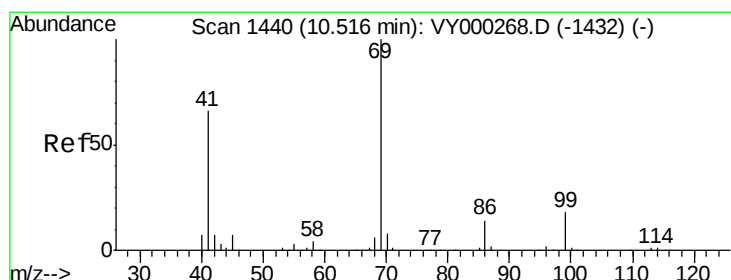
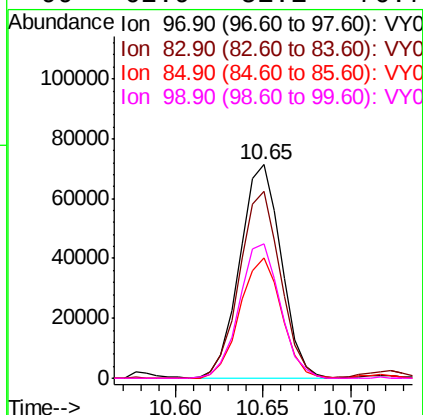
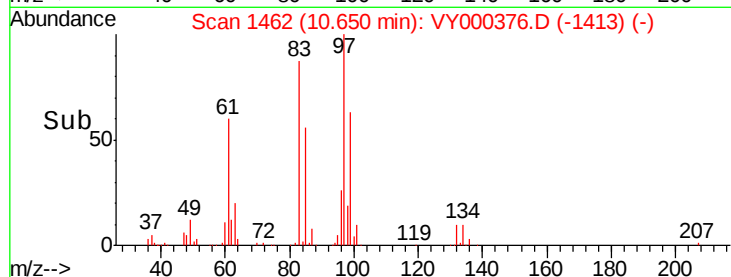
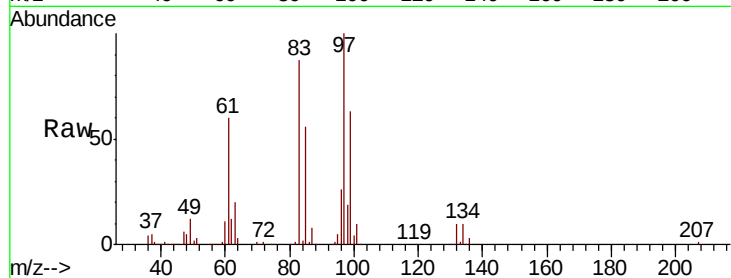




#55
1,1,2-Trichloroethane
Concen: 50.954 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

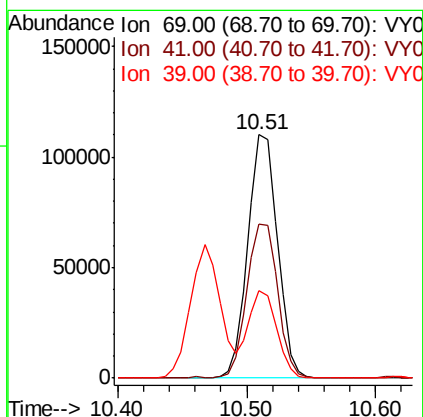
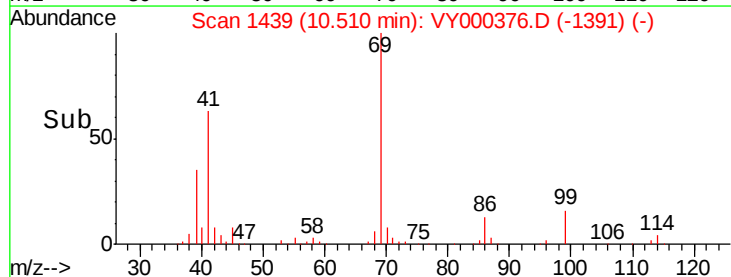
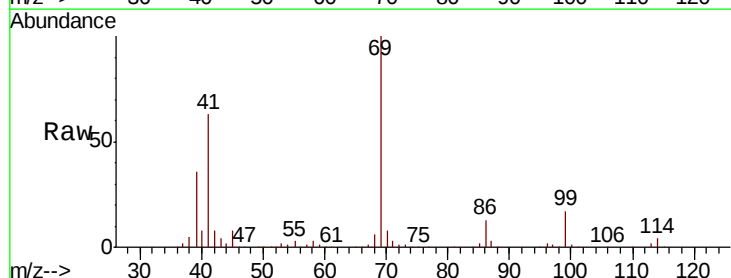
Instrument :
MSVOA_Y
ClientSampled :

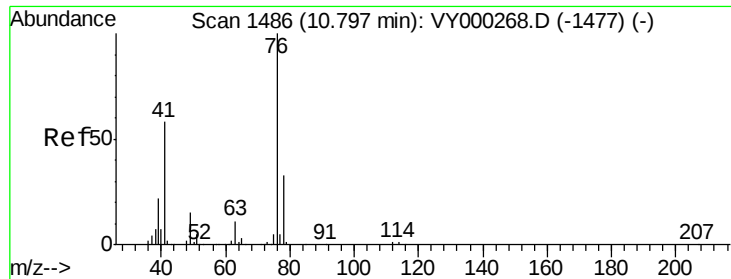
Tot Ion	97	Resp	118068
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.0	103.6
85	56.1	46.2	69.4
99	62.9	51.1	76.7



#56
Ethyl methacrylate
Concen: 52.913 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion	69	Resp	174761
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.5	78.7
39	34.2	26.7	40.1





#57

1,3-Dichloropropane

Concen: 52.828 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

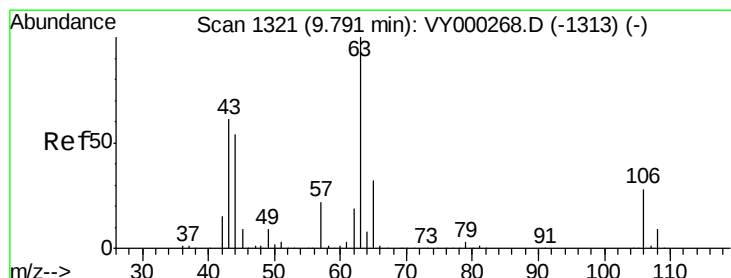
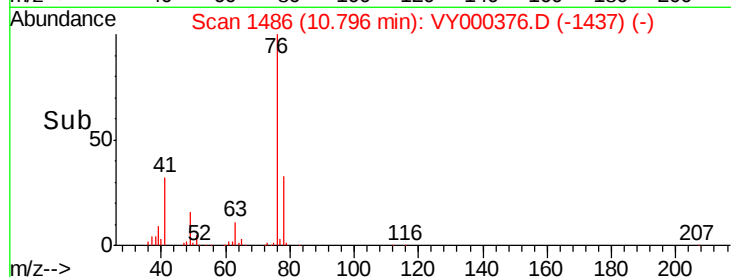
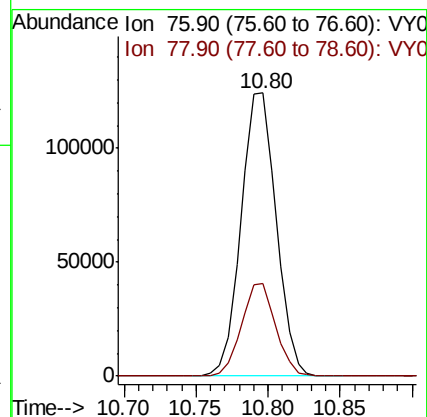
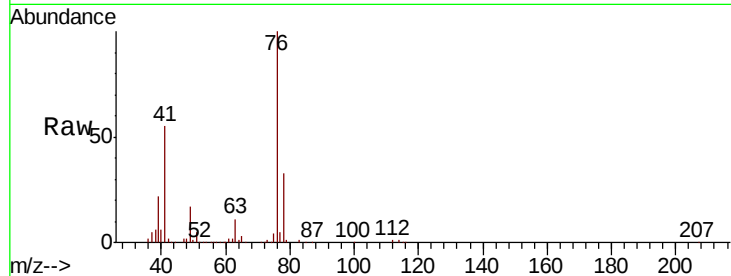
ClientSampled :

Tot Ion: 76 Resp: 210228

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 306.016 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000376.D

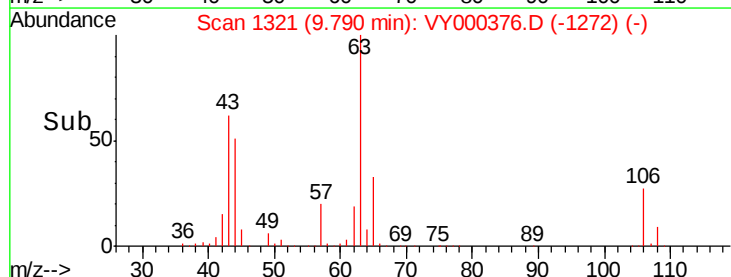
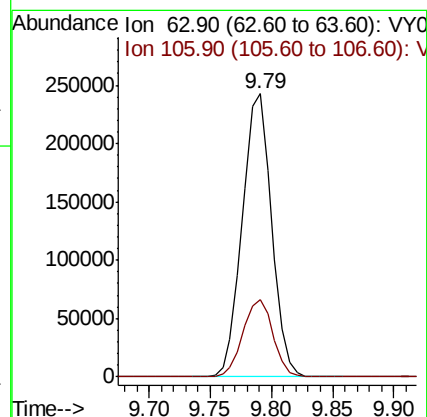
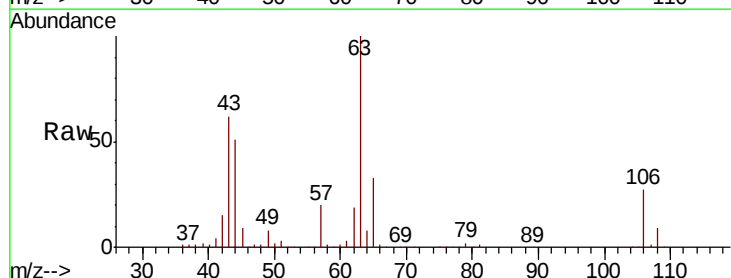
Acq: 23 Oct 2019 13:05

Tgt Ion: 63 Resp: 403138

Ion Ratio Lower Upper

63 100

106 28.0 23.0 34.4

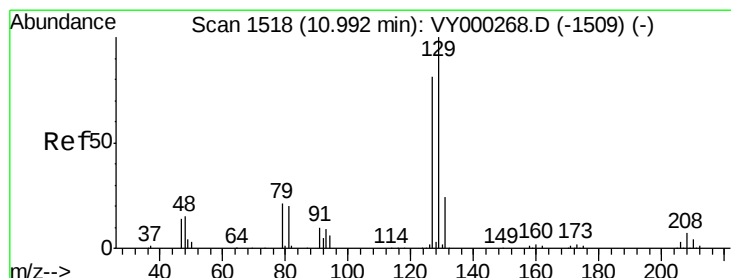
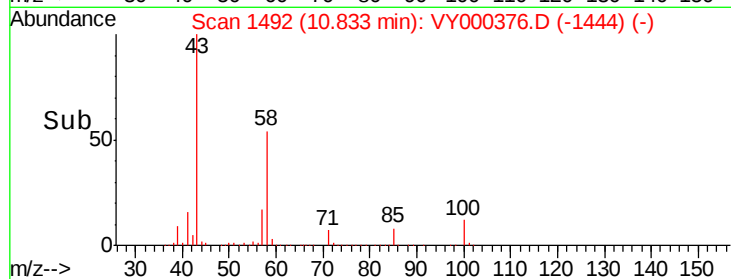
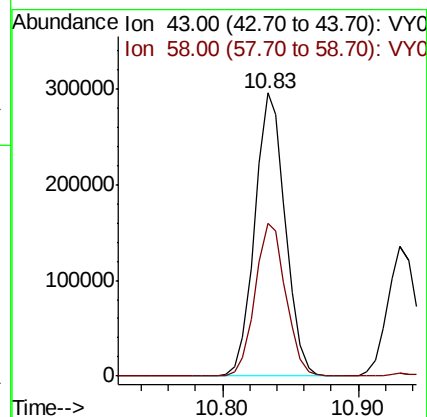
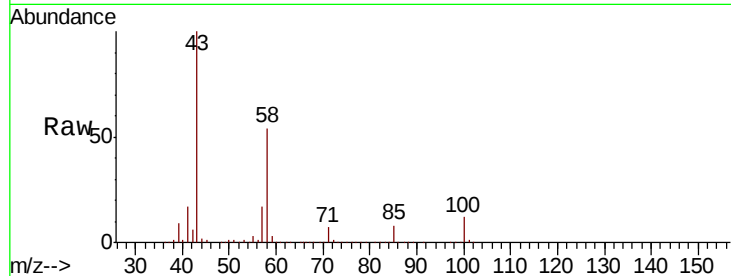




#59
2-Hexanone
Concen: 283.812 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

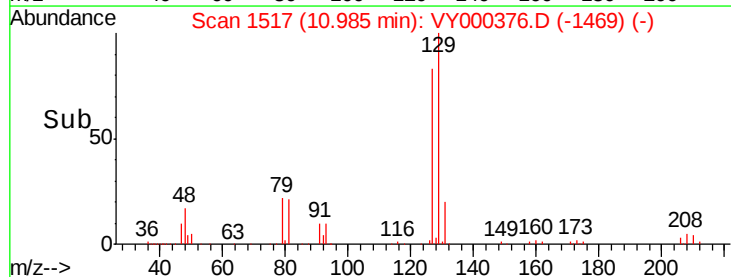
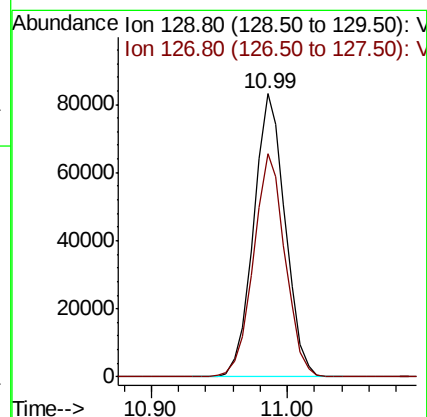
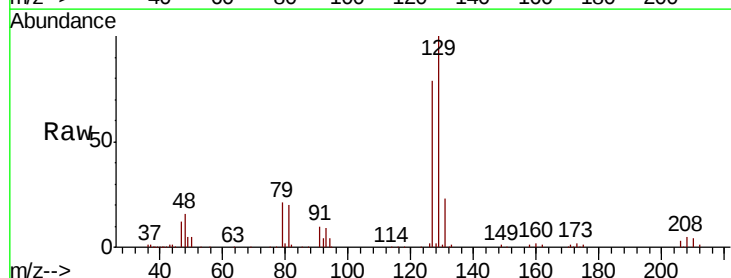
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 465023
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1



#60
Dibromochloromethane
Concen: 52.658 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion:129 Resp: 135240
Ion Ratio Lower Upper
129 100
127 78.8 39.9 119.7

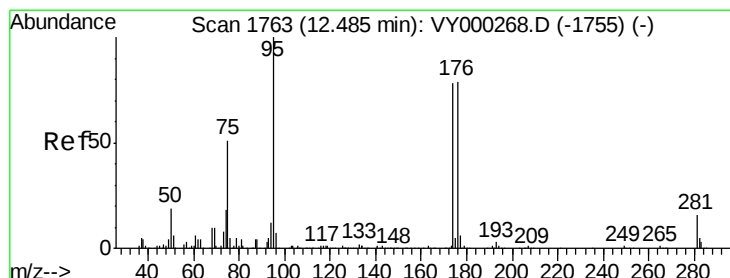
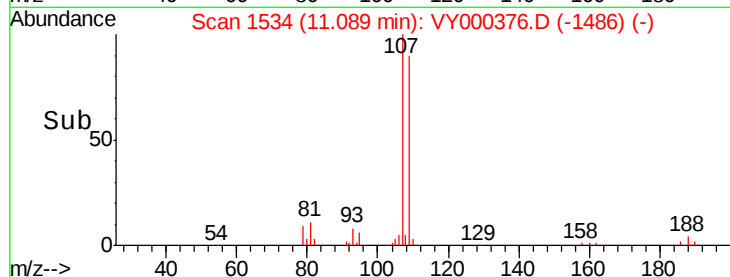
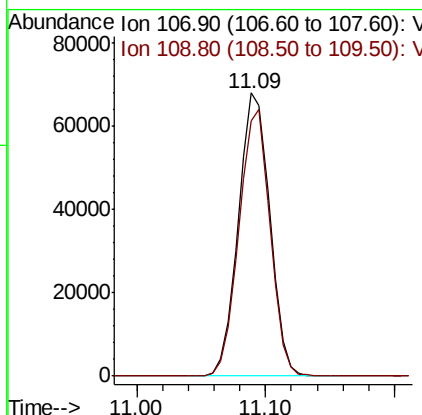
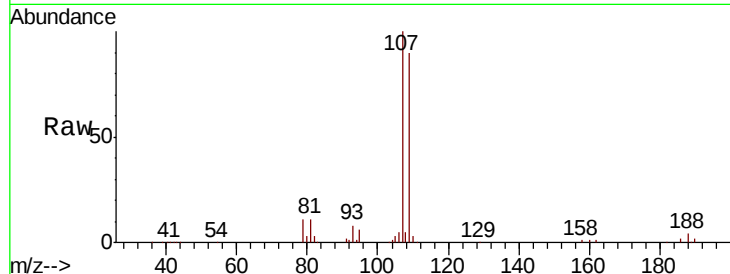




#61
 1,2-Dibromoethane
 Concen: 51.637 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

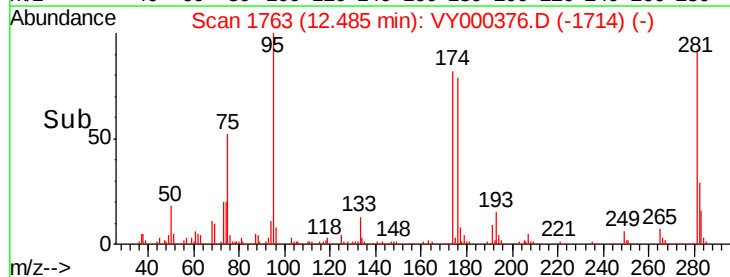
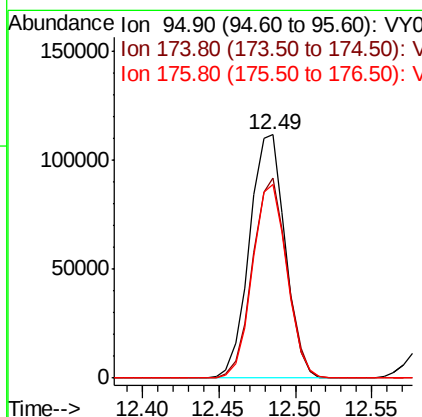
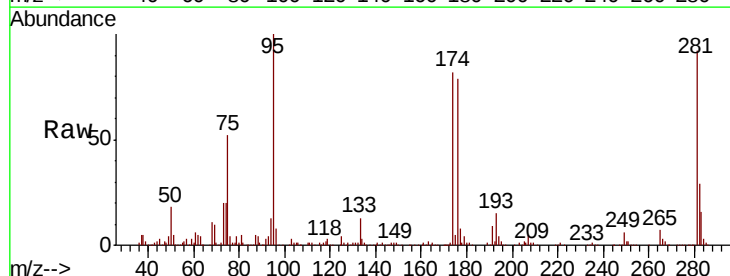
Instrument :
 MSVOA_Y
 ClientSampleId :

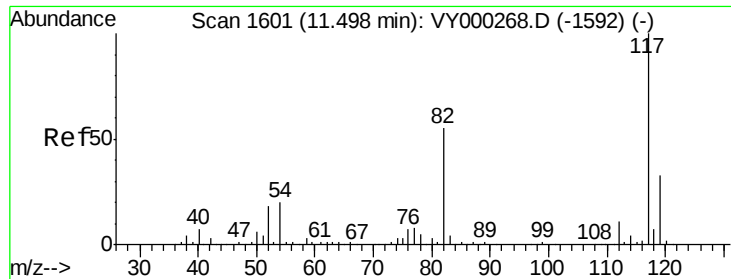
Tot Ion: 107 Resp: 114885
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.196 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion: 95 Resp: 181684
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 159.6
 176 76.8 0.0 153.8

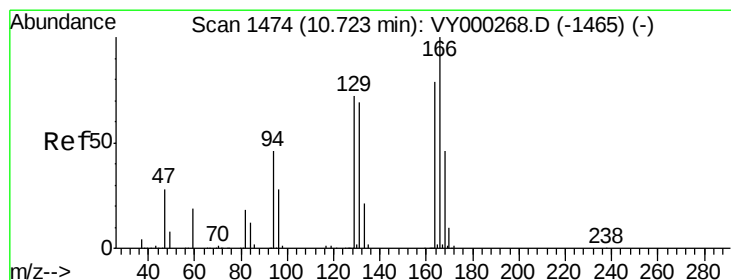
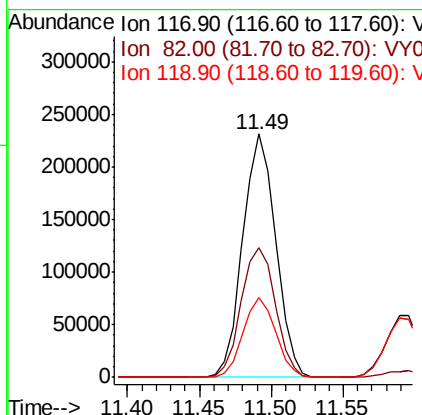
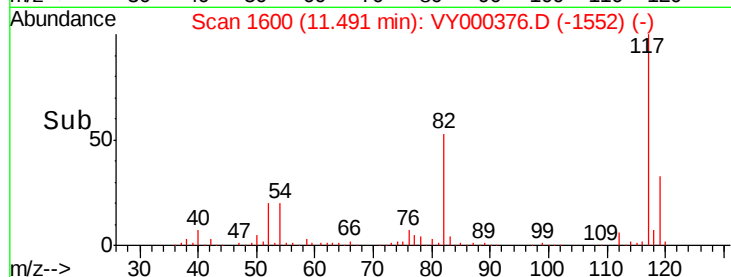
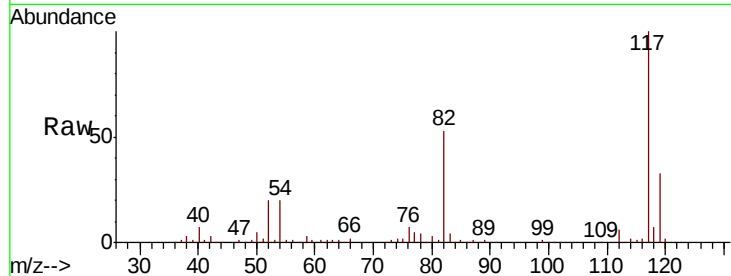




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

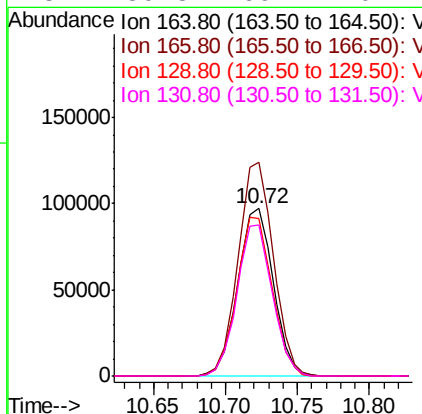
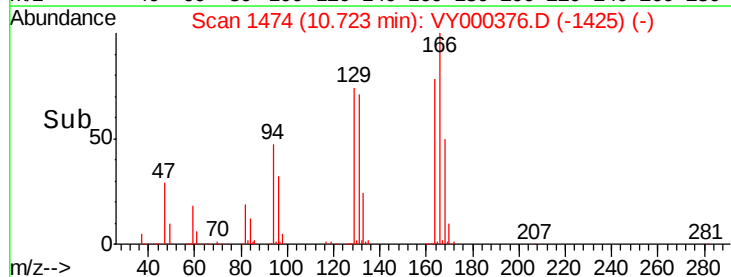
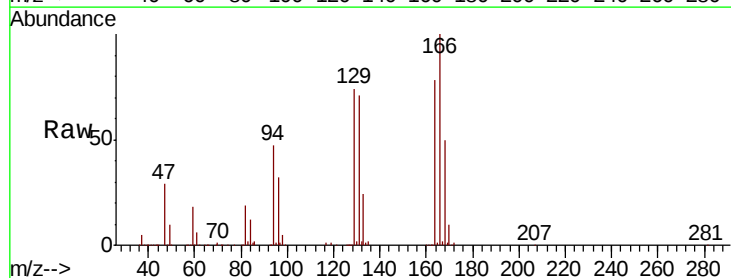
Instrument :
MSVOA_Y
ClientSampleId :

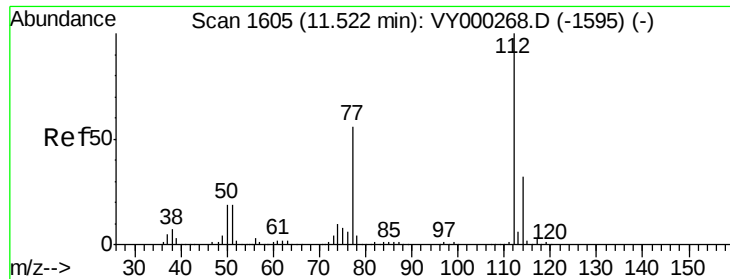
Tot Ion:117 Resp: 368152
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 47.341 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion:164 Resp: 165924
Ion Ratio Lower Upper
164 100
166 127.5 100.6 151.0
129 94.0 72.8 109.2
131 89.8 69.4 104.2





#65

Chlorobenzene

Concen: 51.670 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

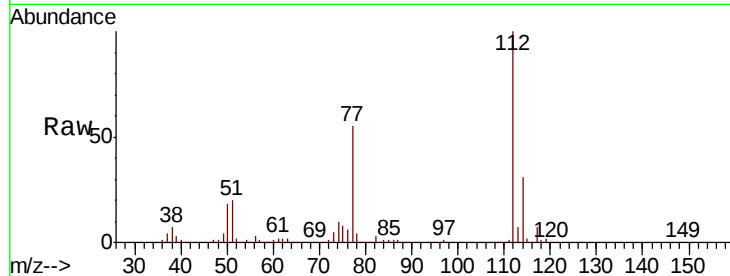
ClientSampleId :

Tot Ion:112 Resp: 401454

Ion Ratio Lower Upper

112 100

114 31.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

250000

200000

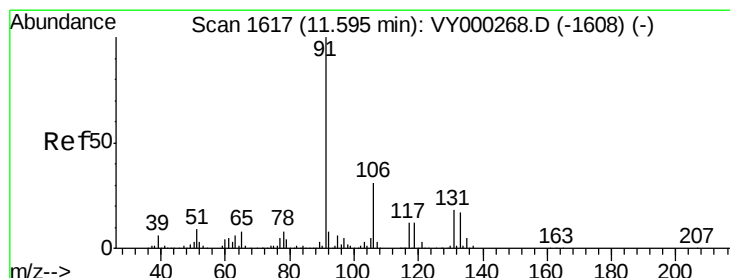
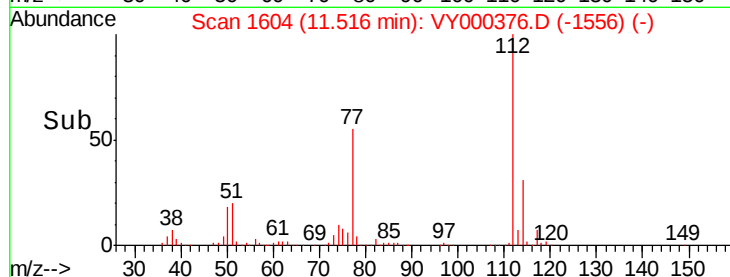
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 52.164 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

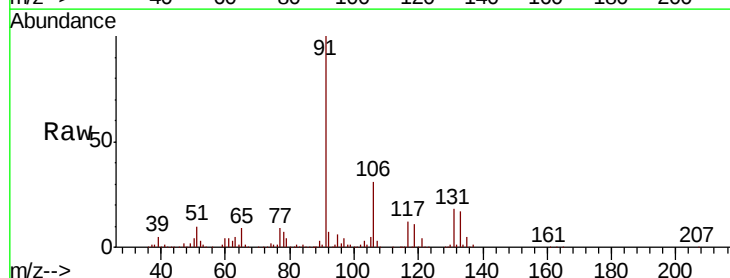
Tgt Ion:131 Resp: 142372

Ion Ratio Lower Upper

131 100

133 94.6 47.2 141.6

119 65.3 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.60

100000

80000

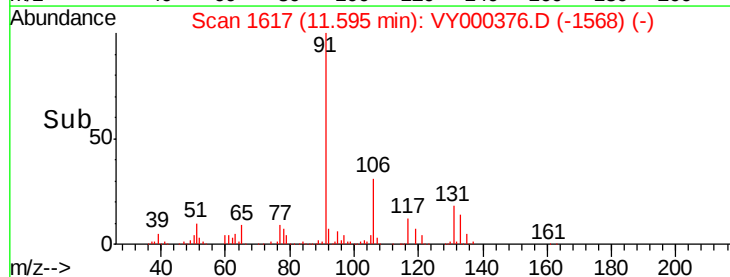
60000

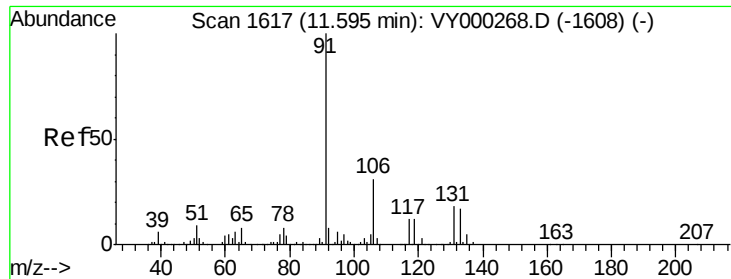
40000

20000

0

Time--> 11.50 11.55 11.60 11.65





#67

Ethyl Benzene

Concen: 52.045 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

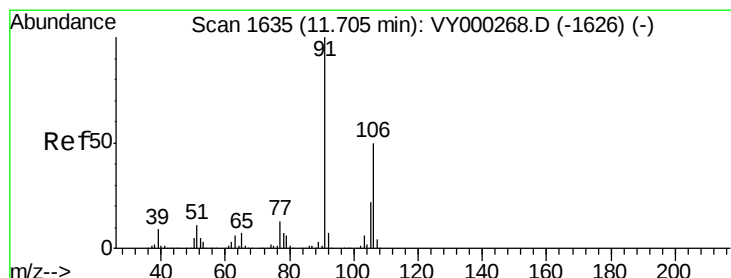
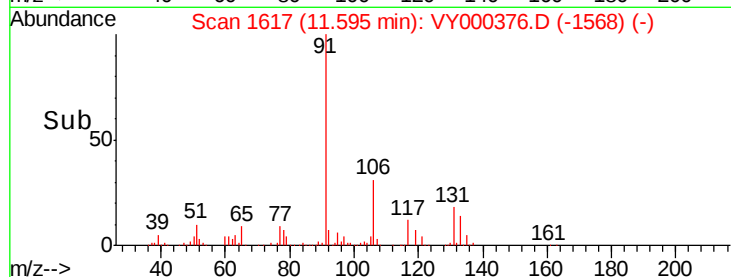
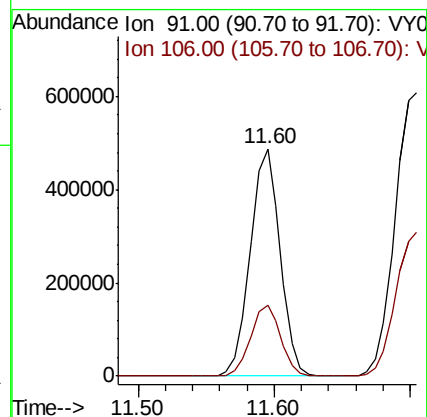
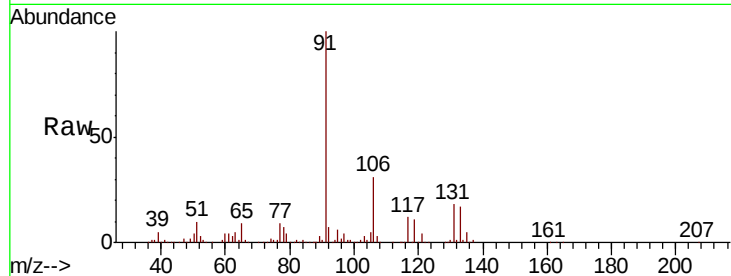
ClientSampleId :

Tot Ion: 91 Resp: 749609

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 103.915 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000376.D

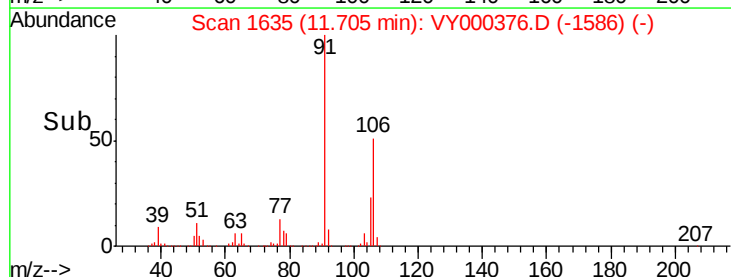
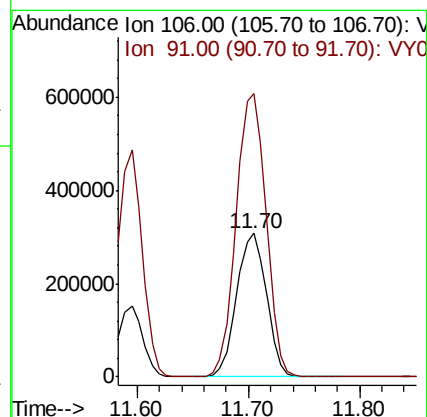
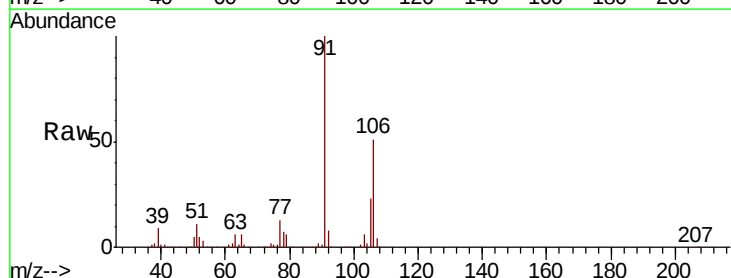
Acq: 23 Oct 2019 13:05

Tgt Ion: 106 Resp: 572165

Ion Ratio Lower Upper

106 100

91 197.4 157.5 236.3

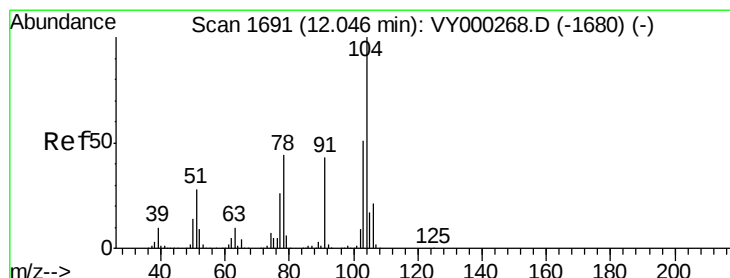
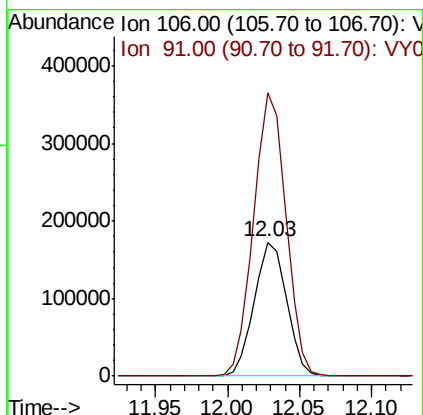
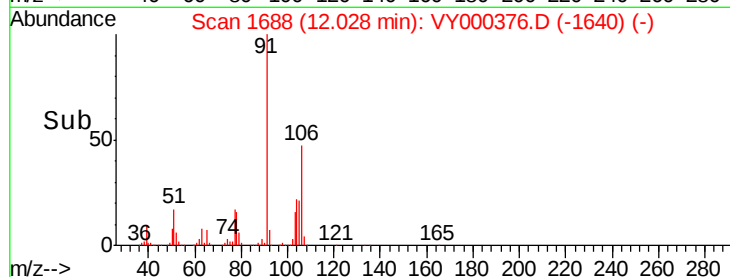
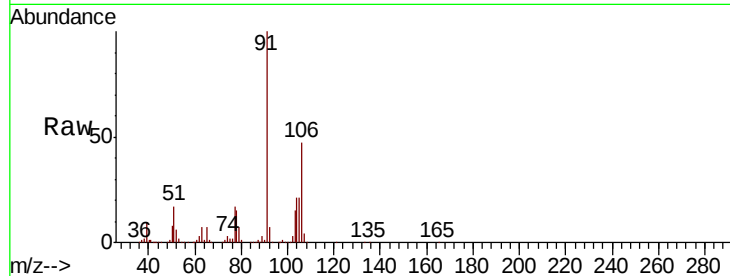




#69
o-Xylene
Concen: 51.281 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

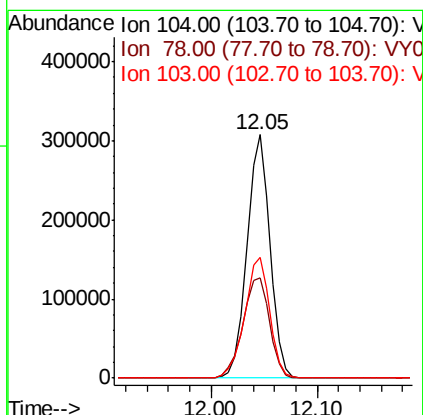
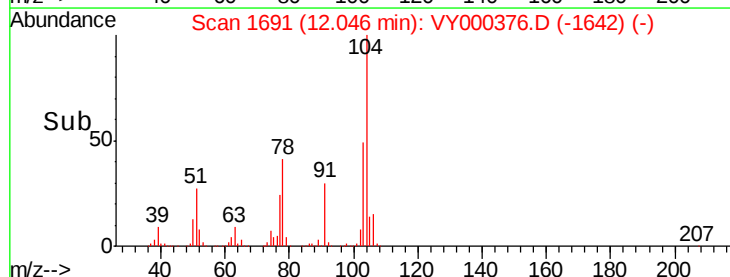
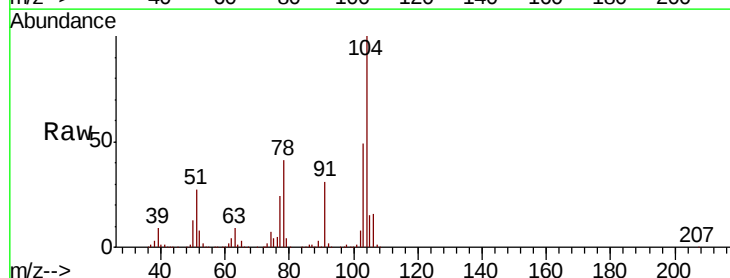
Instrument :
MSVOA_Y
ClientSampled :

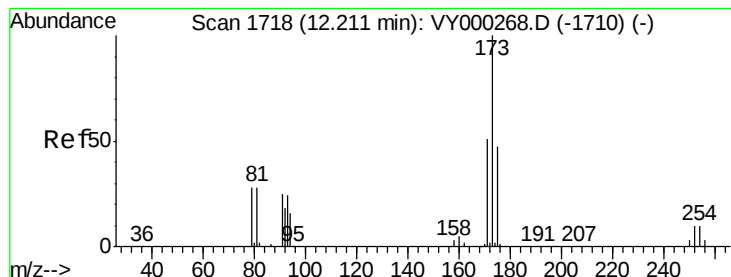
Tot Ion:106 Resp: 269363
Ion Ratio Lower Upper
106 100
91 210.6 104.7 313.9



#70
Styrene
Concen: 52.639 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion:104 Resp: 466300
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 53.9 43.1 64.7





#71

Bromoform

Concen: 51.879 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

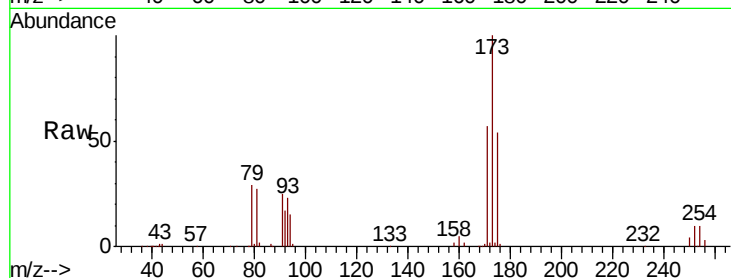
Tot Ion:173 Resp: 81397

Ion Ratio Lower Upper

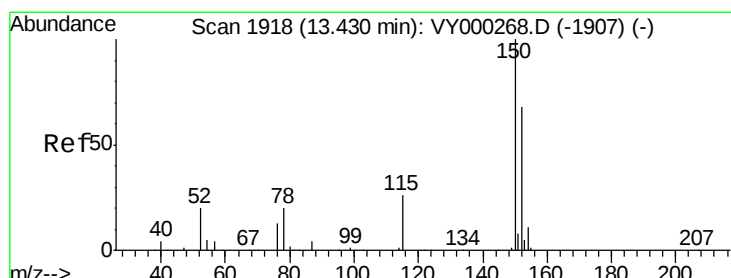
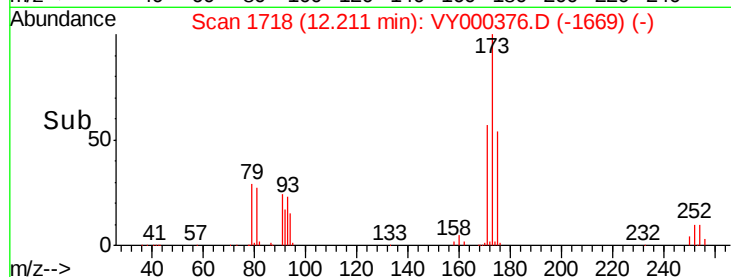
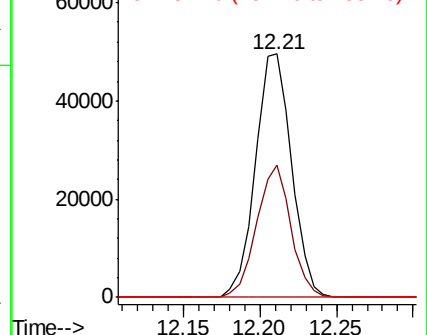
173 100

175 51.3 24.6 73.6

254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

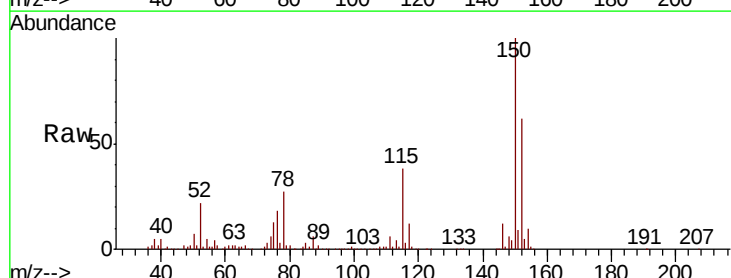
Tgt Ion:152 Resp: 184489

Ion Ratio Lower Upper

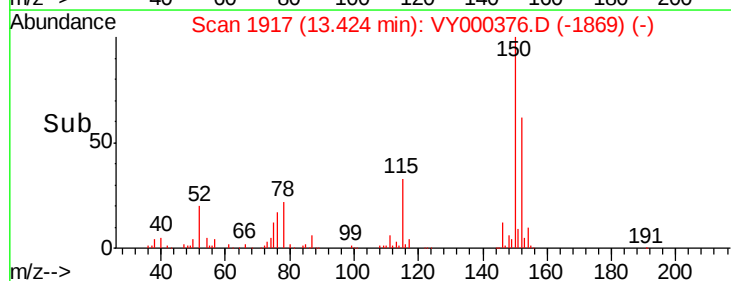
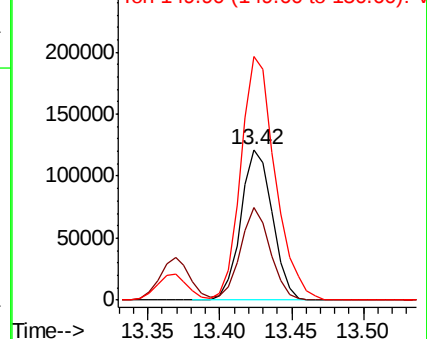
152 100

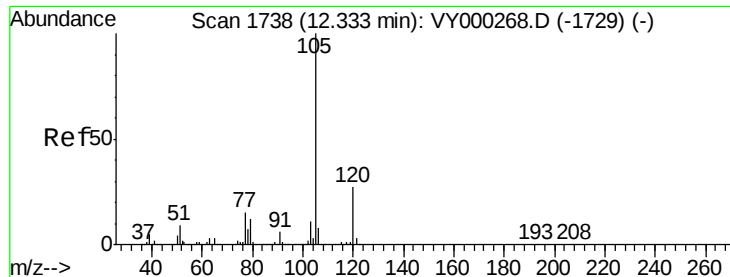
115 58.6 29.3 88.0

150 176.1 0.0 348.4



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: 51.217 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

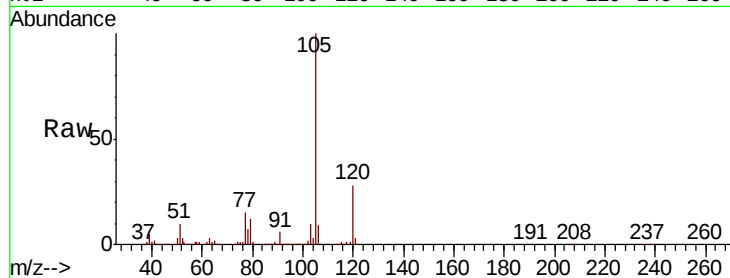
ClientSampled :

Tot Ion:105 Resp: 736776

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

500000

400000

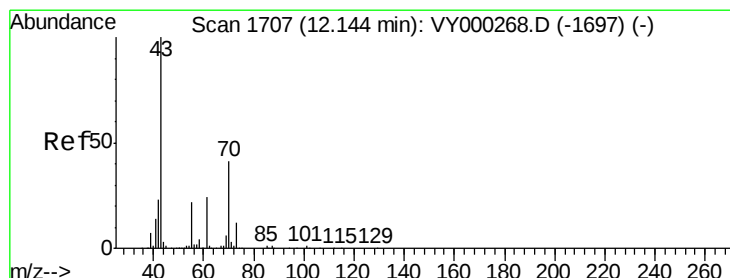
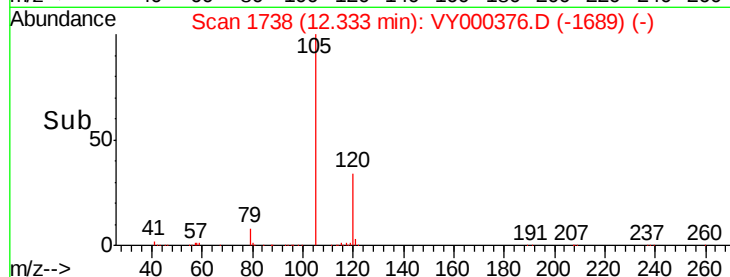
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 61.047 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Tgt Ion: 43 Resp: 215589

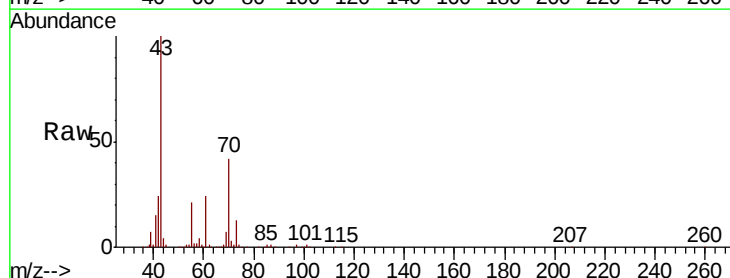
Ion Ratio Lower Upper

43 100

70 41.9 32.9 49.3

55 21.8 17.8 26.6

61 24.2 19.5 29.3



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

200000

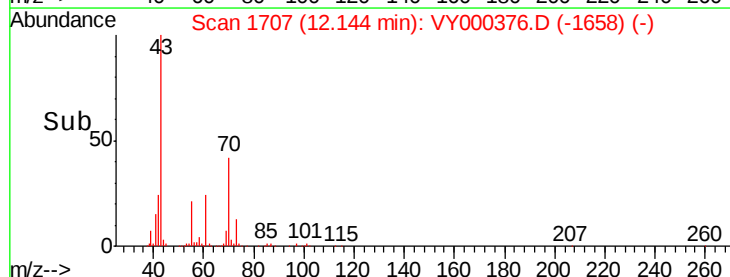
150000

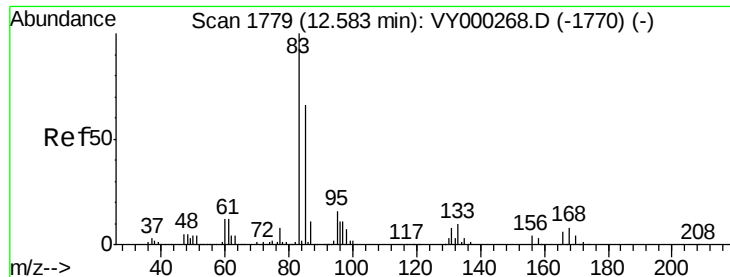
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.312 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

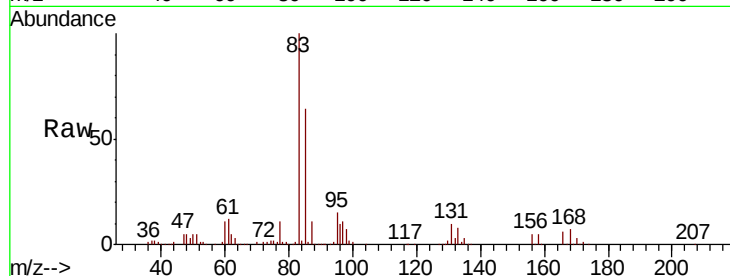
Tot Ion: 83 Resp: 135888

Ion Ratio Lower Upper

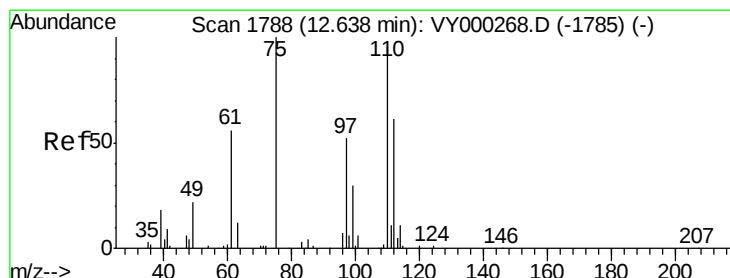
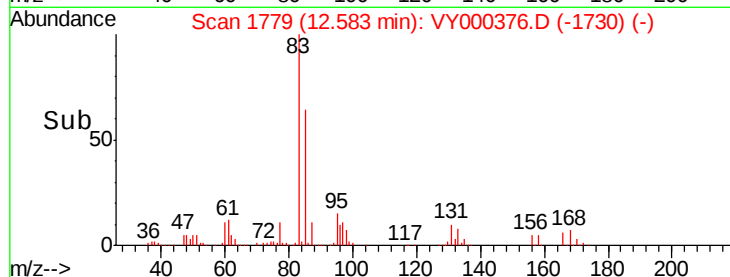
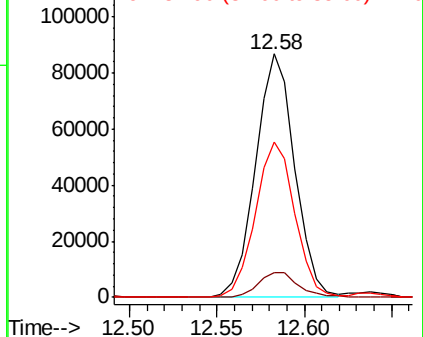
83 100

131 10.6 5.3 16.1

85 64.4 32.9 98.7



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: 86.957 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000376.D

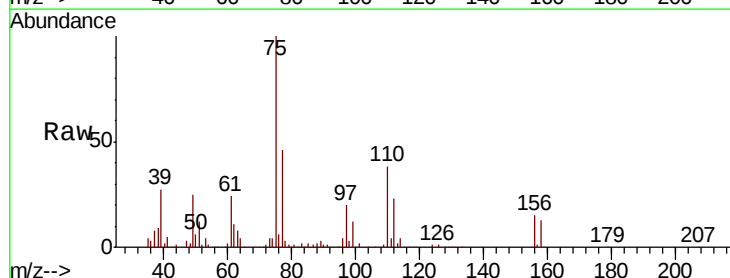
Acq: 23 Oct 2019 13:05

Tgt Ion: 75 Resp: 197269

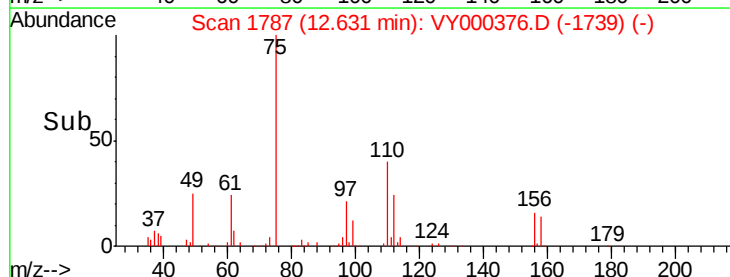
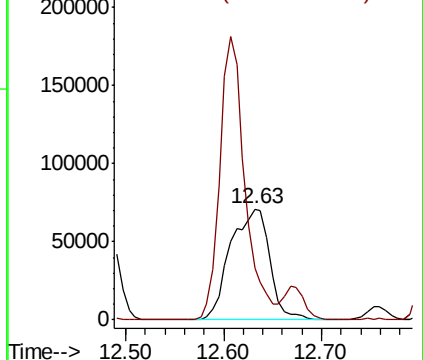
Ion Ratio Lower Upper

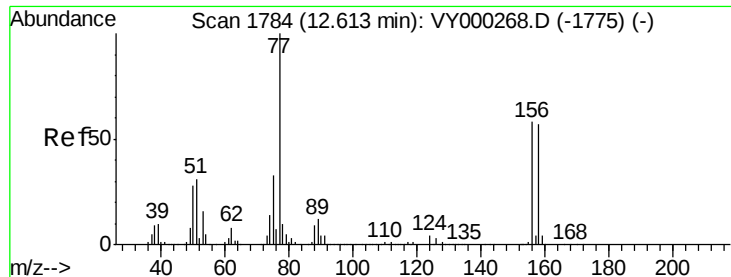
75 100

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: 50.306 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

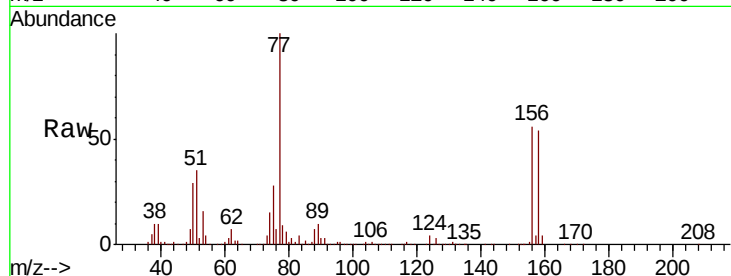
Tot Ion:156 Resp: 161032

Ion Ratio Lower Upper

156 100

77 202.0 101.0 302.9

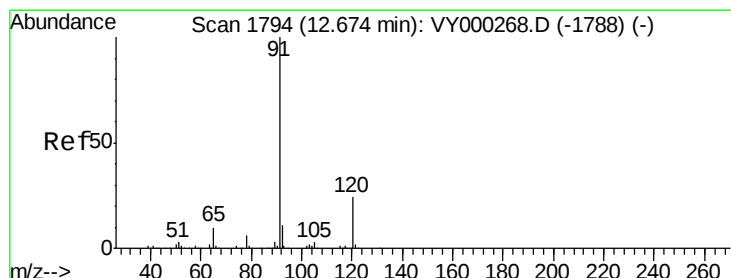
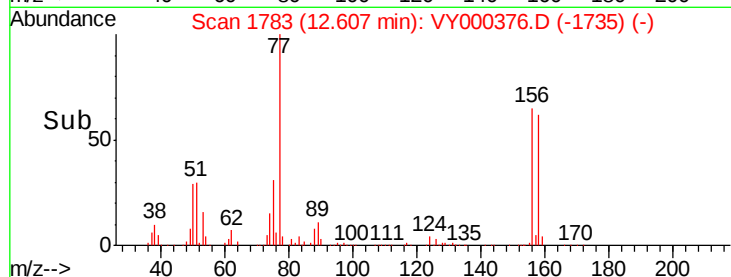
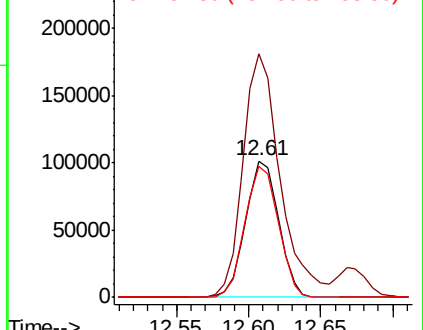
158 97.1 49.7 149.1



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: 51.509 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000376.D

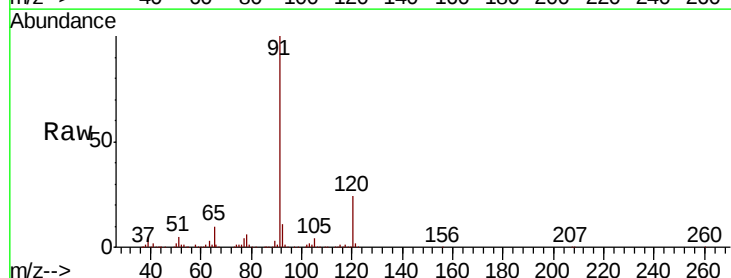
Acq: 23 Oct 2019 13:05

Tgt Ion: 91 Resp: 889651

Ion Ratio Lower Upper

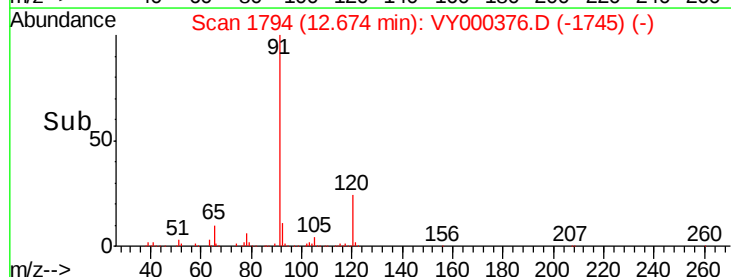
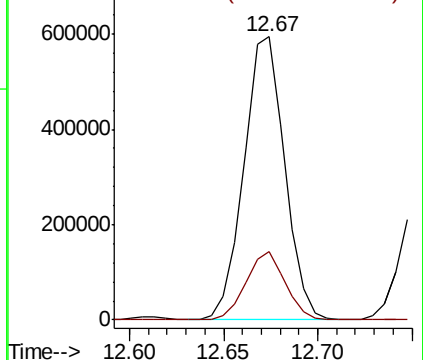
91 100

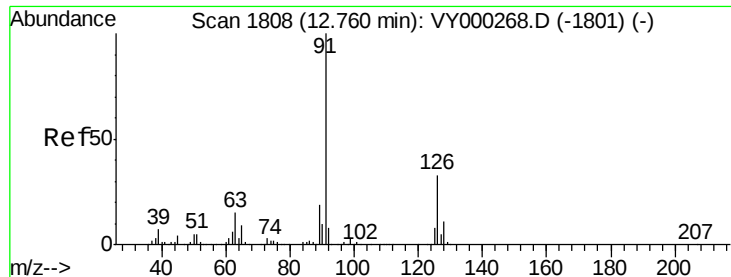
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.082 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

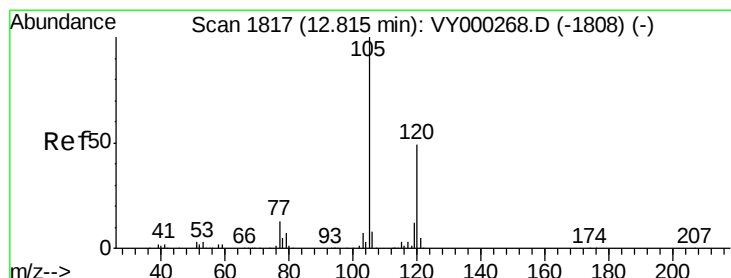
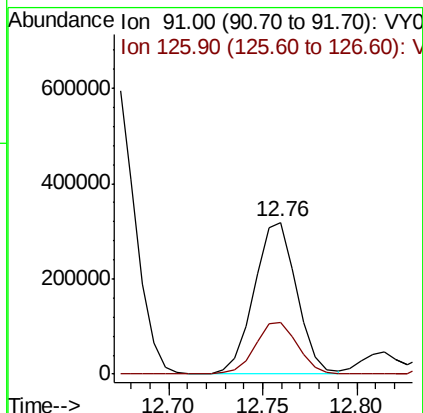
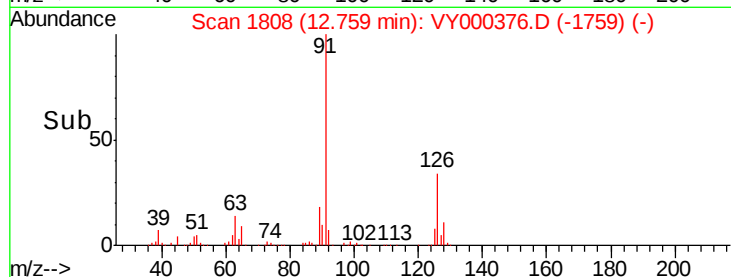
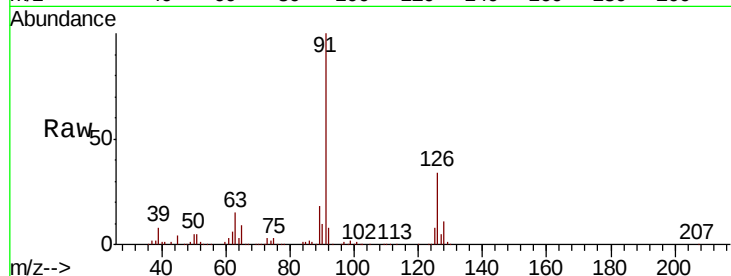
ClientSampled :

Tot Ion: 91 Resp: 496782

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 51.261 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000376.D

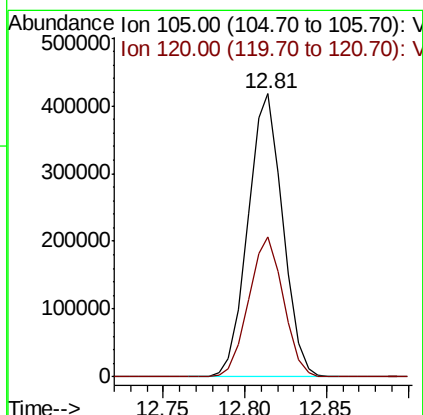
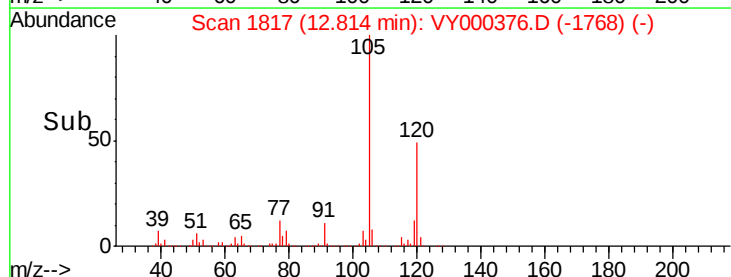
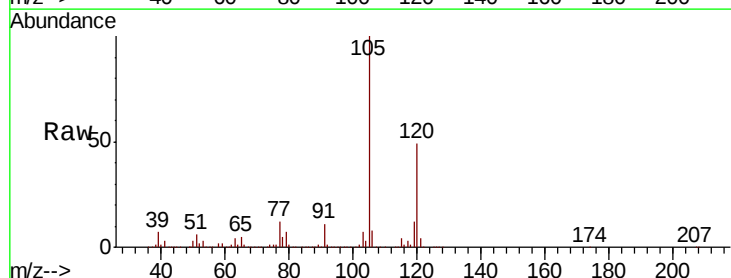
Acq: 23 Oct 2019 13:05

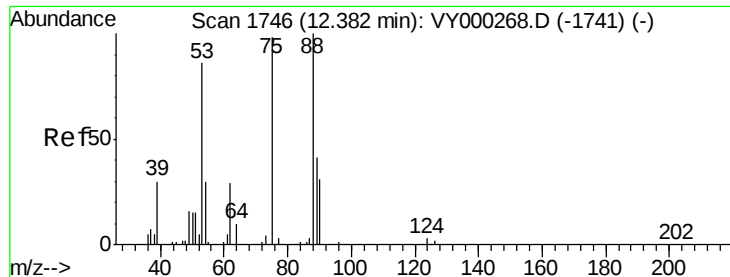
Tgt Ion: 105 Resp: 618336

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8

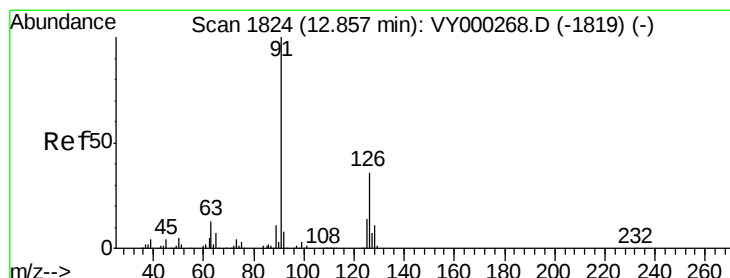
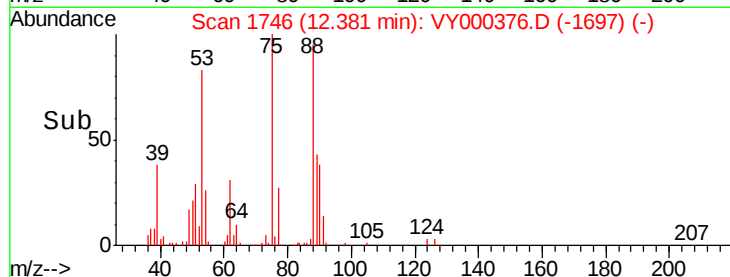
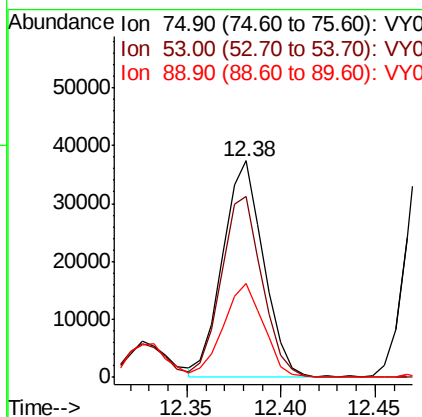
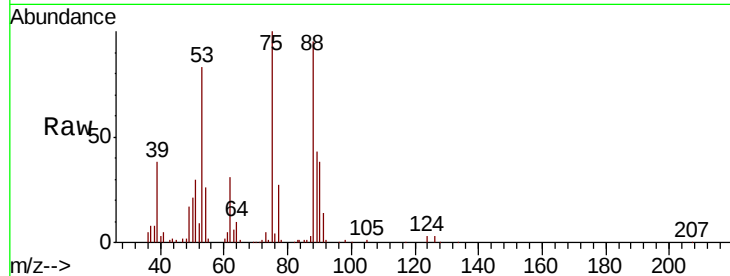




#81
trans-1,4-Dichloro-2-butene
Concen: 54.191 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

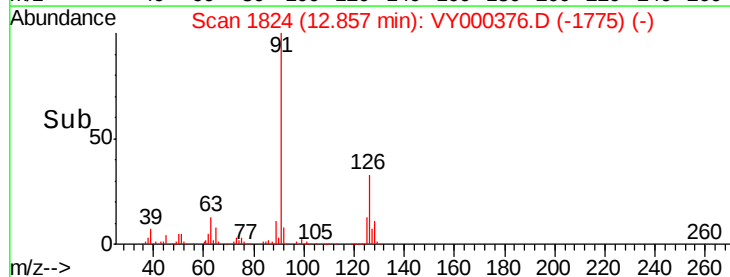
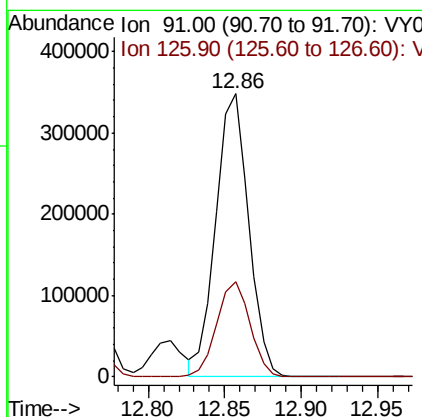
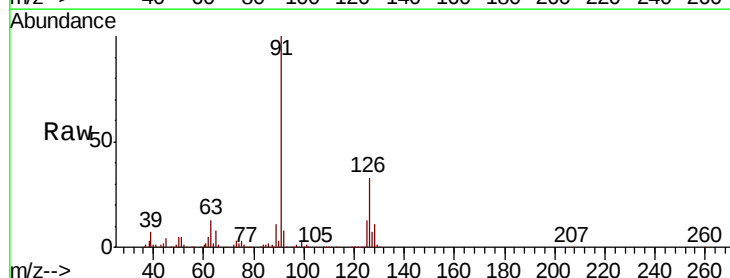
Instrument :
MSVOA_Y
ClientSampleId :

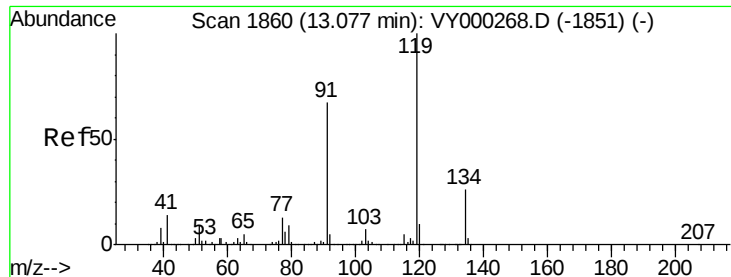
Tot Ion: 75 Resp: 56188
Ion Ratio Lower Upper
75 100
53 83.4 71.3 106.9
89 42.8 35.1 52.7



#82
4-Chlorotoluene
Concen: 51.558 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion: 91 Resp: 519843
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.5

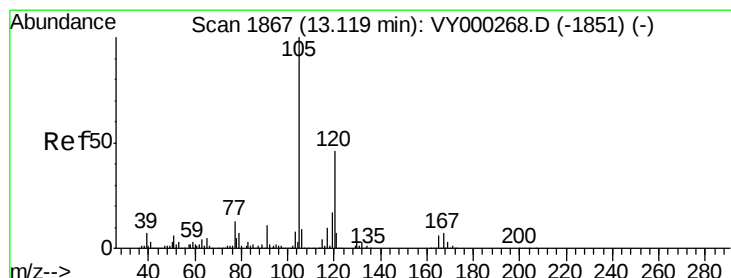
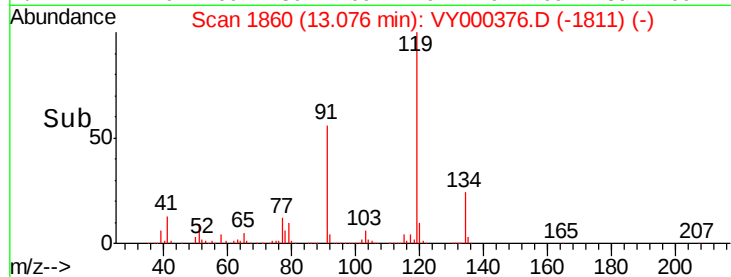
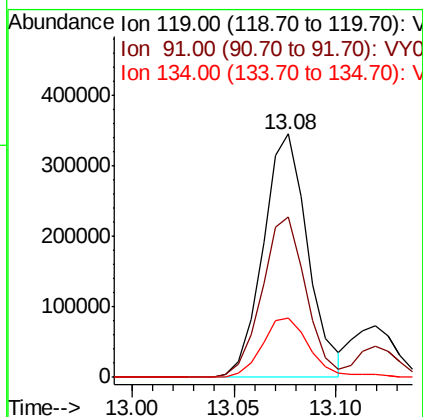
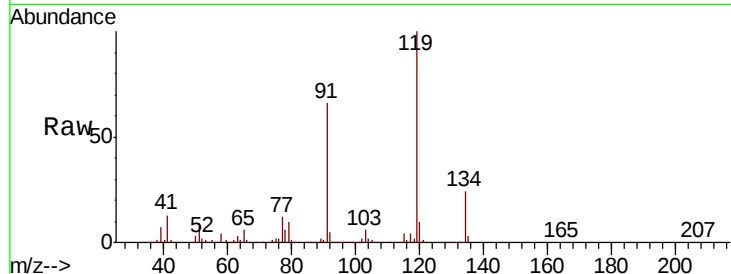




#83
 tert-Butylbenzene
 Concen: 51.650 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

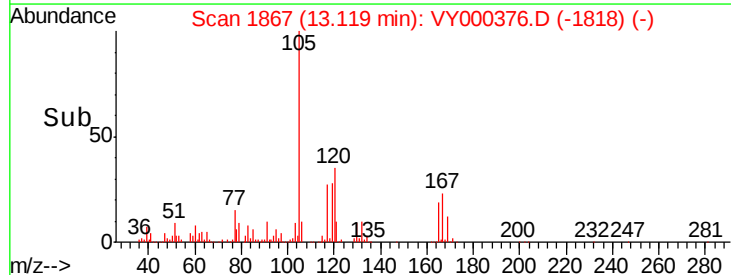
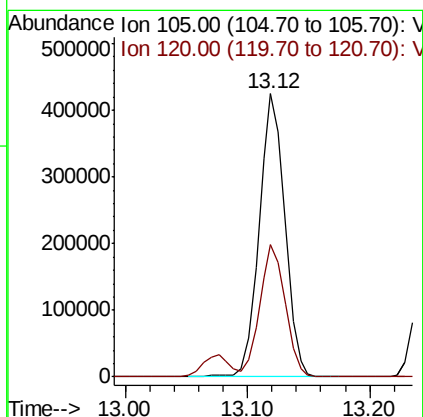
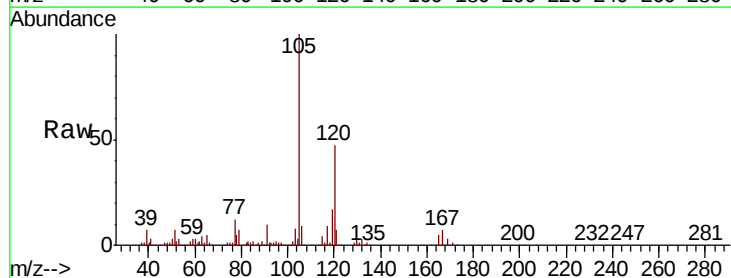
Instrument :
 MSVOA_Y
 ClientSampleId :

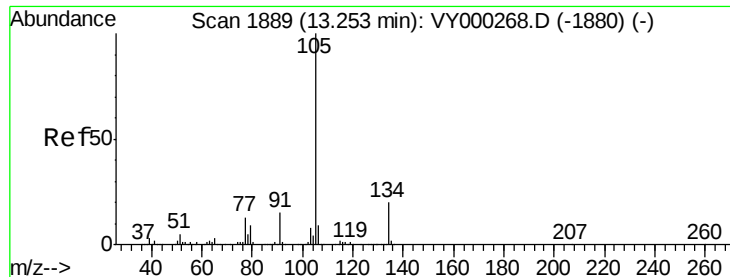
Tot Ion:119 Resp: 527604
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.9 98.7
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.311 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion:105 Resp: 622767
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 51.482 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

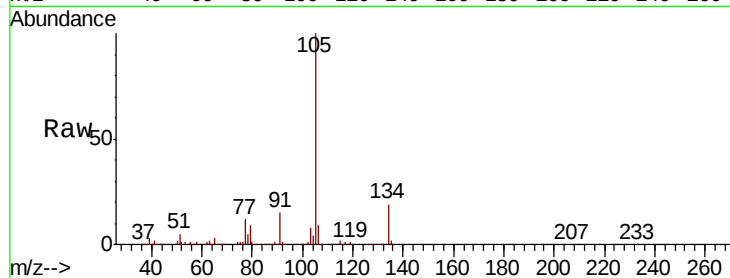
ClientSampleId :

Tot Ion:105 Resp: 760763

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

13.25

500000

400000

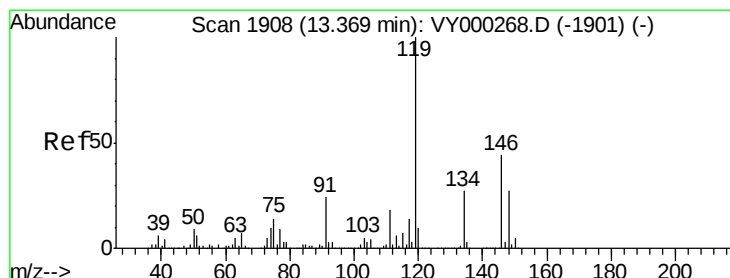
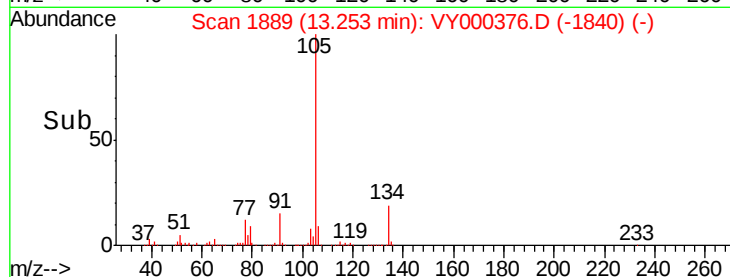
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.627 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

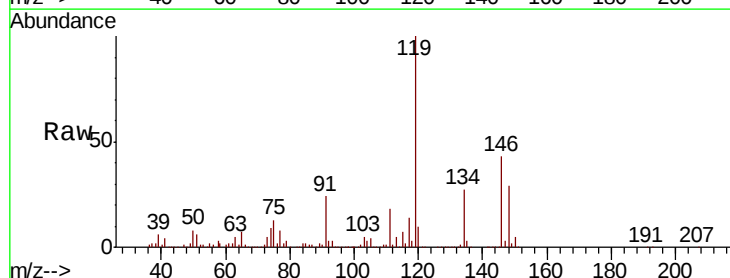
Tgt Ion:119 Resp: 677991

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 23.6 12.0 36.1



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

13.37

600000

500000

400000

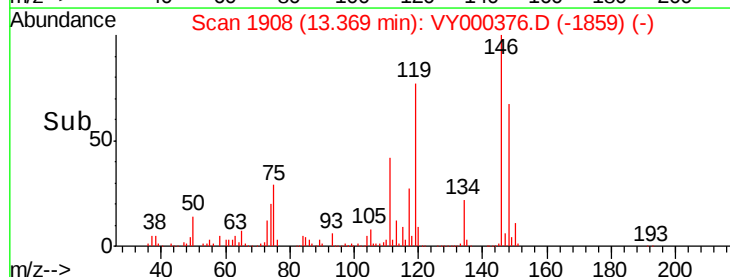
300000

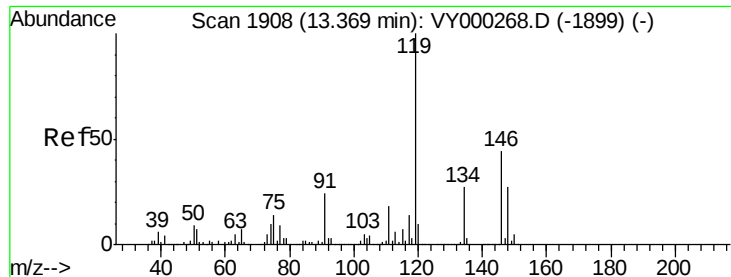
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.326 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000376.D

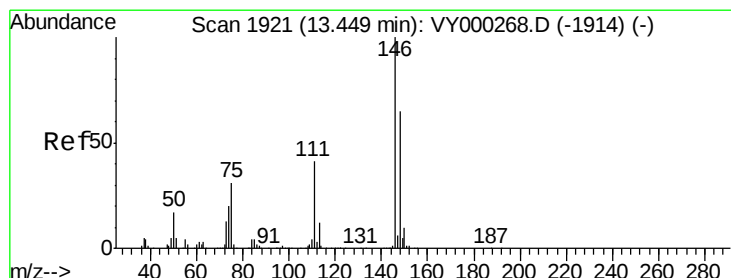
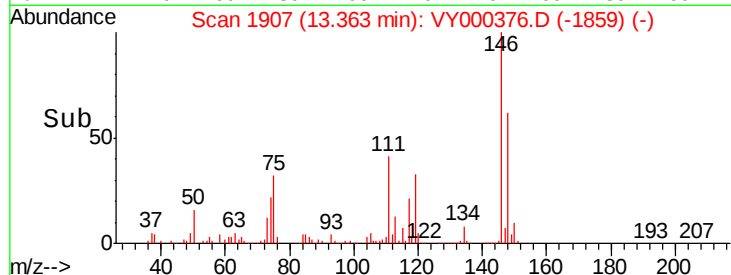
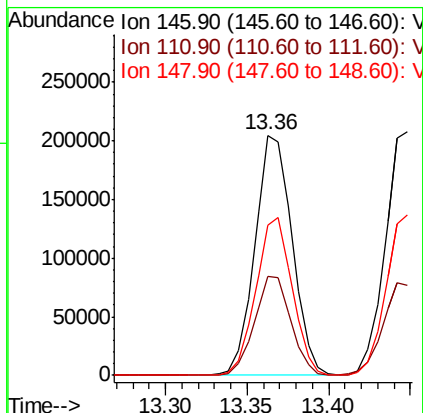
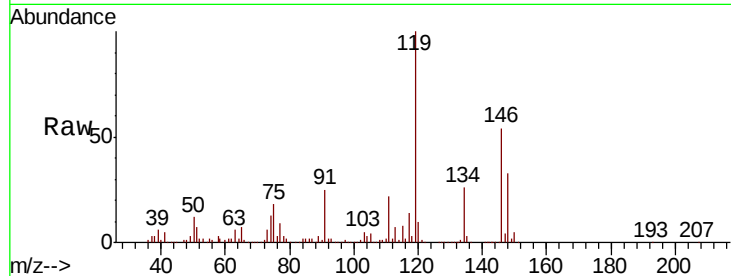
Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:146	Resp:	323707
Ion	Ratio	Lower Upper
146	100	
111	40.4	20.6 61.8
148	64.1	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.024 ug/l

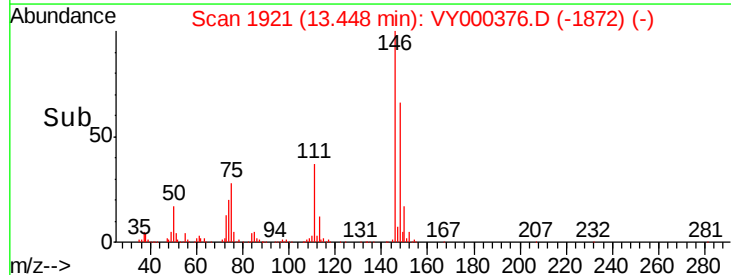
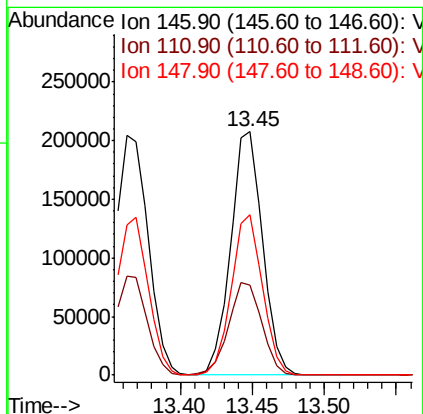
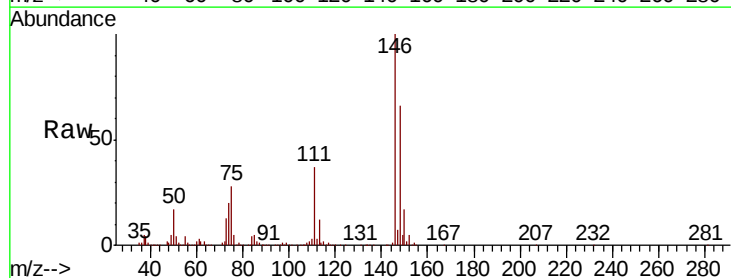
RT: 13.45 min Scan# 1921

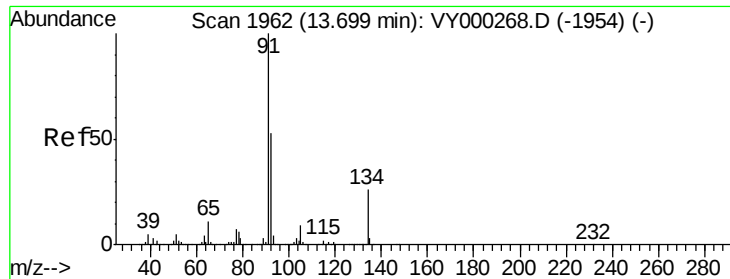
Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Tgt Ion:146	Resp:	321654
Ion	Ratio	Lower Upper
146	100	
111	39.7	20.1 60.2
148	64.6	32.4 97.2





#89

n-Butylbenzene

Concen: 52.883 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000376.D

Acq: 23 Oct 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

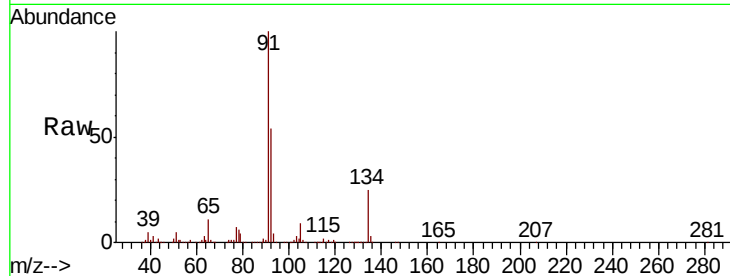
Tot Ion: 91 Resp: 673258

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.1

134 25.7 13.0 38.9

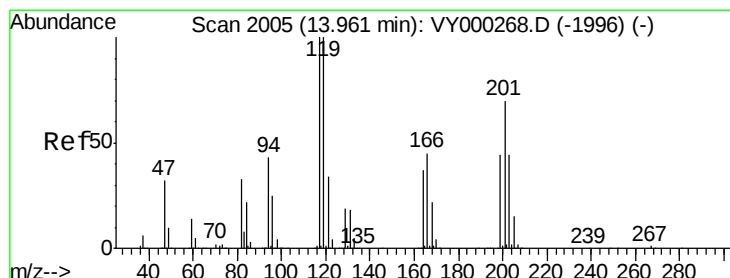
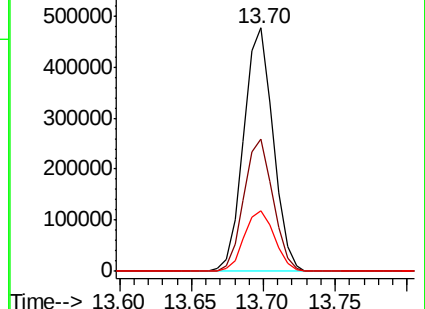
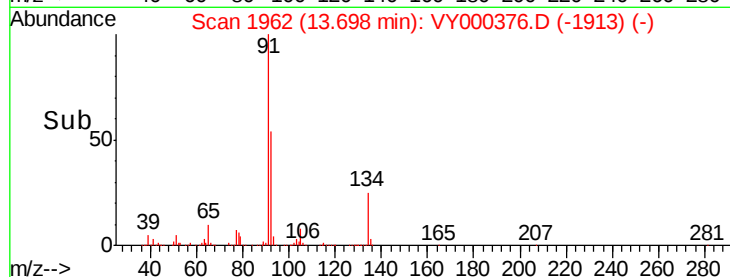


Abundance Ion 91.00 (90.70 to 91.70): VY000376.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY000376.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY000376.D (-1954) (-)

Time--> 13.60 13.65 13.70 13.75



#90

Hexachloroethane

Concen: 52.714 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000376.D

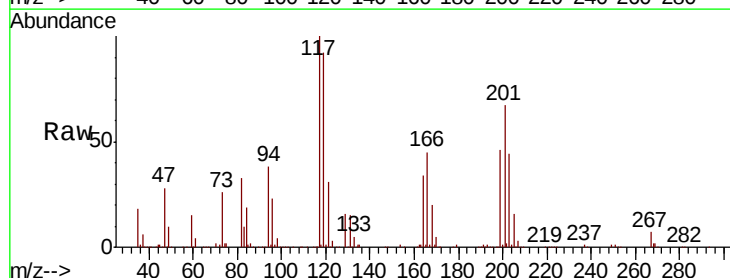
Acq: 23 Oct 2019 13:05

Tgt Ion: 117 Resp: 125753

Ion Ratio Lower Upper

117 100

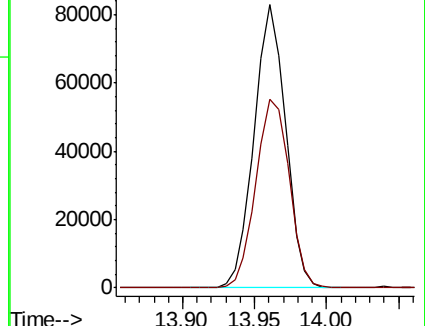
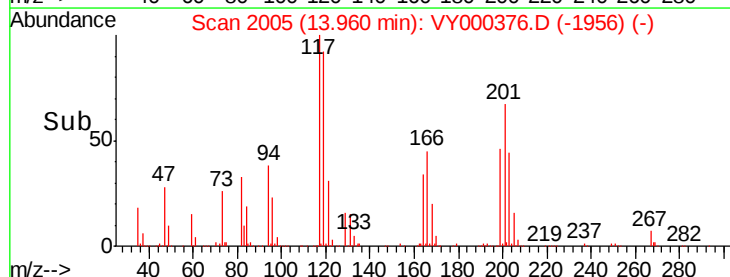
201 70.6 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): VY000376.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000376.D (-1956) (-)

Time--> 13.90 13.95 14.00

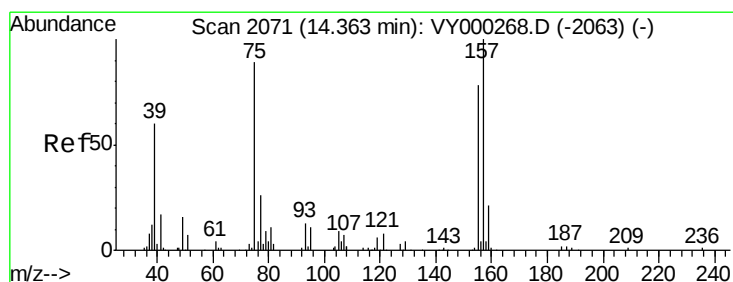
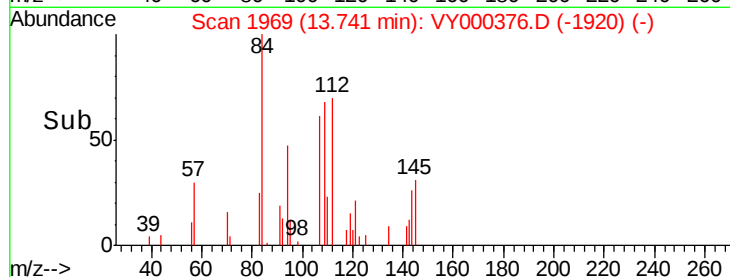
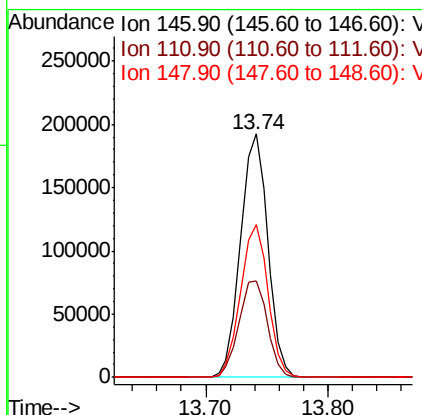
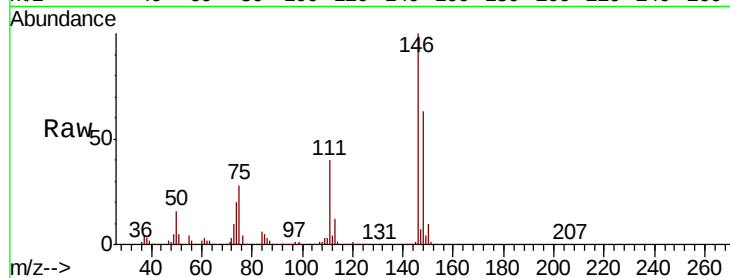




#91
 1,2-Dichlorobenzene
 Concen: 52.165 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

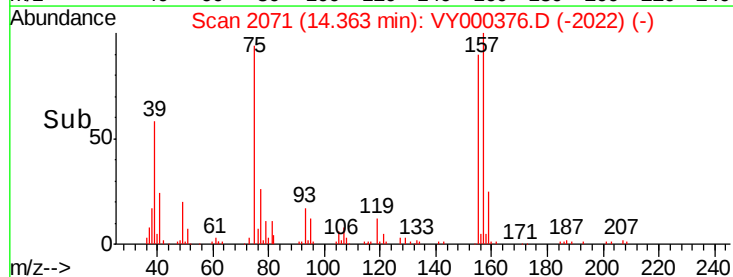
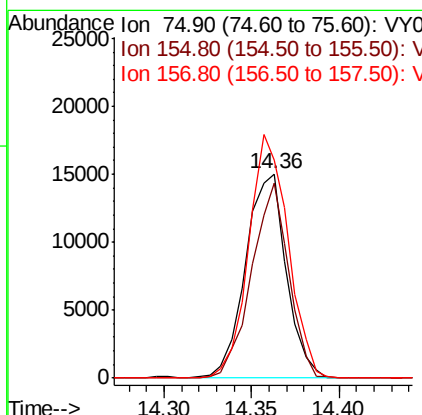
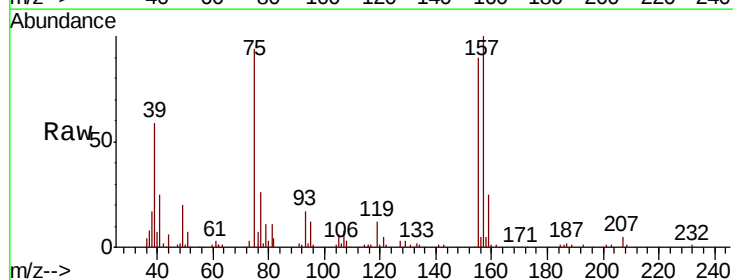
Instrument :
 MSVOA_Y
 ClientSampleId :

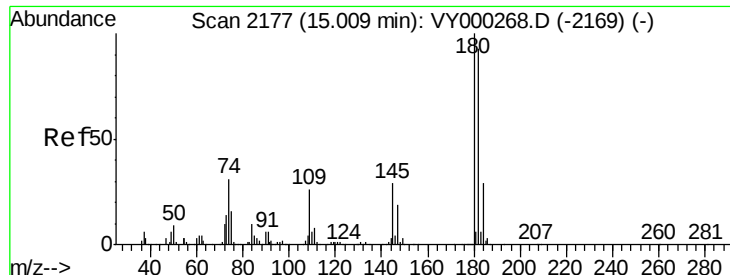
Tot Ion:146 Resp: 297741
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.5 61.5
 148 63.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.897 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion: 75 Resp: 24535
 Ion Ratio Lower Upper
 75 100
 155 87.0 45.8 137.3
 157 115.1 55.6 166.9

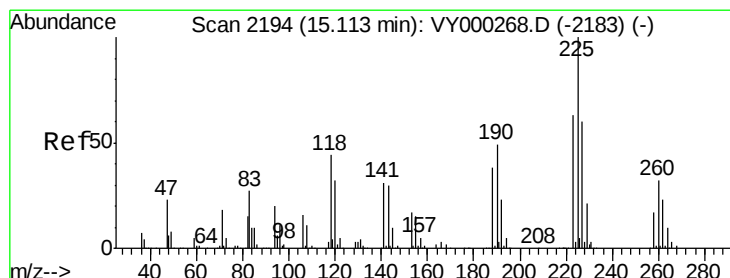
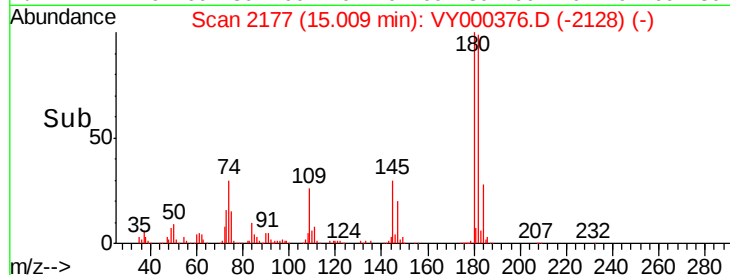
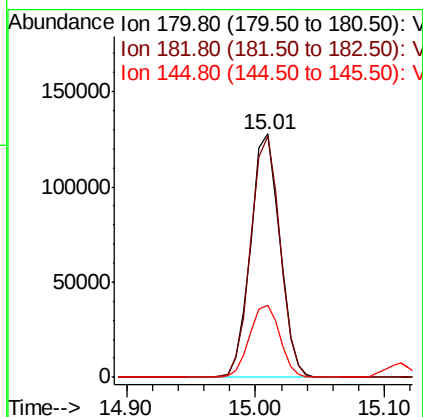
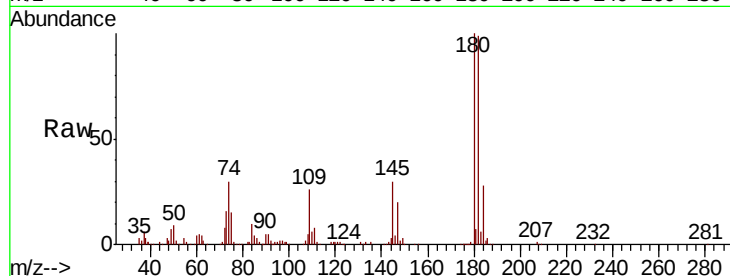




#93
 1,2,4-Trichlorobenzene
 Concen: 50.194 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

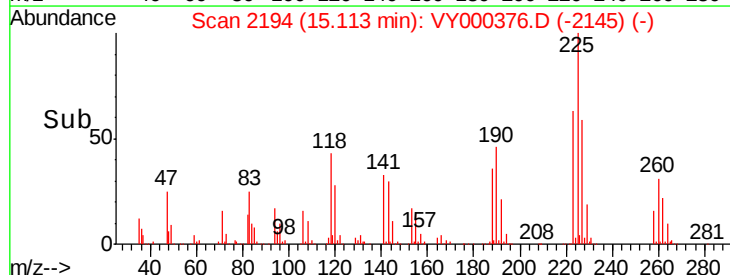
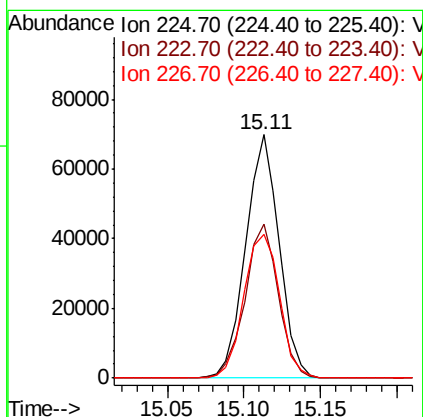
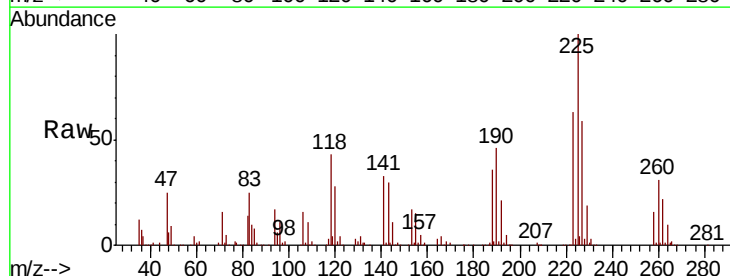
Instrument :
 MSVOA_Y
 ClientSampleId :

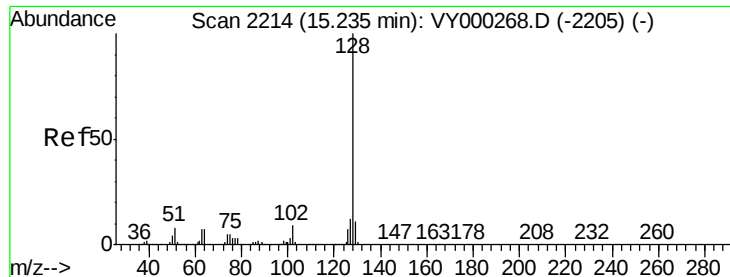
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.5	142.6
145	30.8	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 49.289 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000376.D
 Acq: 23 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	63.3	31.4	94.2

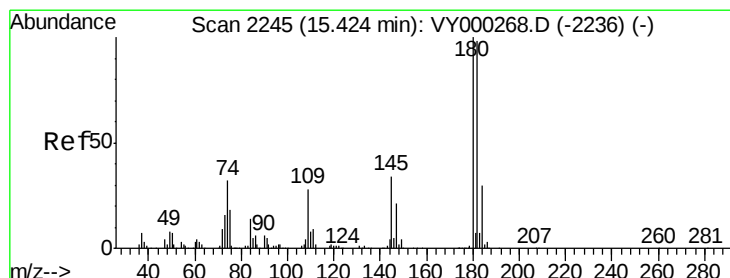
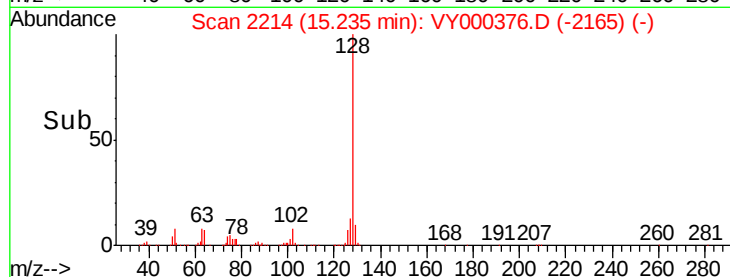
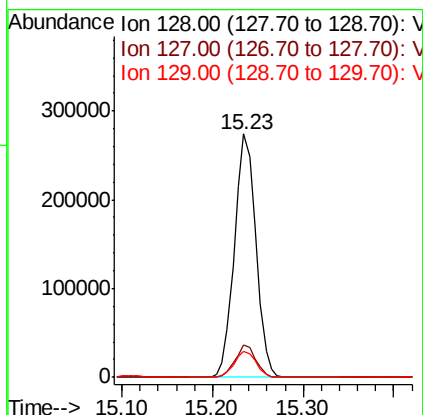
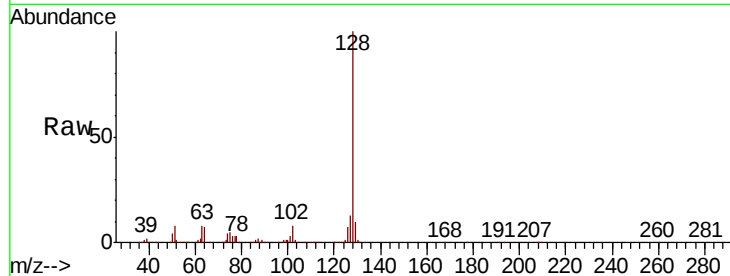




#95
Naphthalene
Concen: 50.890 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.6	14.4
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.694 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000376.D
Acq: 23 Oct 2019 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.5	139.5
145	31.9	16.2	48.5

