

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000344.D
 Acq On : 18 Oct 2019 11:57
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:52:03 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	294361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	495246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	210221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	166765	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.73	113	150474	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.19	98	590942	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.49	95	213129	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56439	21.817	ug/l	96
3) Chloromethane	2.12	50	69393	19.292	ug/l	97
4) Vinyl Chloride	2.26	62	73128	20.145	ug/l	98
5) Bromomethane	2.65	94	55778	20.732	ug/l	95
6) Chloroethane	2.79	64	48388	20.659	ug/l	98
7) Trichlorofluoromethane	3.13	101	103268	20.797	ug/l	97
8) Diethyl Ether	3.54	74	38234	21.795	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	62719	20.827	ug/l	98
10) Methyl Iodide	4.10	142	75359	18.338	ug/l	99
11) Tert butyl alcohol	4.97	59	32597	100.315	ug/l	96
12) 1,1-Dichloroethene	3.88	96	60724	20.425	ug/l	87
13) Acrolein	3.74	56	32108	84.281	ug/l	99
14) Allyl chloride	4.49	41	104748	21.261	ug/l	97
15) Acrylonitrile	5.18	53	102856	104.756	ug/l	98
16) Acetone	3.96	43	87182	86.701	ug/l	96
17) Carbon Disulfide	4.19	76	186139	19.886	ug/l	100
18) Methyl Acetate	4.48	43	53038	21.229	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	178618	21.582	ug/l	98
20) Methylene Chloride	4.72	84	75509	18.906	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	68566	20.102	ug/l	92
22) Diisopropyl ether	6.13	45	221412	21.248	ug/l	97
23) Vinyl Acetate	6.07	43	721370	106.115	ug/l	99
24) 1,1-Dichloroethane	6.03	63	119645	21.036	ug/l	96
25) 2-Butanone	7.00	43	144557	102.053	ug/l	95
26) 2,2-Dichloropropane	6.99	77	110760	21.133	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	77263	20.934	ug/l	100
28) Bromochloromethane	7.35	49	45822	18.767	ug/l	98
29) Tetrahydrofuran	7.36	42	89698	104.488	ug/l	99
30) Chloroform	7.52	83	121339	21.184	ug/l	99
31) Cyclohexane	7.79	56	120317	20.254	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	106359	20.886	ug/l	100
36) 1,1-Dichloropropene	7.93	75	96790	19.962	ug/l	100
37) Ethyl Acetate	7.10	43	59188	20.615	ug/l	97
38) Carbon Tetrachloride	7.91	117	91347	19.457	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121403	19.130	ug/l	96
40) Benzene	8.17	78	288692	20.603	ug/l	98
41) Methacrylonitrile	7.36	41	80408	58.837	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	81619	20.391	ug/l	98
43) Isopropyl Acetate	8.28	43	112839	20.670	ug/l	97
44) Trichloroethene	8.95	130	75927	19.312	ug/l	97
45) 1,2-Dichloropropane	9.22	63	71422	20.770	ug/l	95
46) Dibromomethane	9.32	93	40212	20.919	ug/l	96
47) Bromodichloromethane	9.50	83	93440	20.626	ug/l	99
48) Methyl methacrylate	9.30	41	49803	20.817	ug/l	97
49) 1,4-Dioxane	9.31	88	11204	388.725	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	304043	107.983	ug/l	99
52) Toluene	10.25	92	178603	20.076	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	100611	20.723	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	114840	20.828	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	58608	20.969	ug/l	98
56) Ethyl methacrylate	10.52	69	84011	21.088	ug/l	99
57) 1,3-Dichloropropane	10.80	76	100613	20.961	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	200366	126.094	ug/l	98
59) 2-Hexanone	10.84	43	221721	112.188	ug/l	99
60) Dibromochloromethane	10.99	129	63351	20.450	ug/l	98
61) 1,2-Dibromoethane	11.10	107	55200	20.569	ug/l	100
64) Tetrachloroethene	10.72	164	82976	20.114	ug/l	96
65) Chlorobenzene	11.52	112	186370	20.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	66382	20.664	ug/l	98
67) Ethyl Benzene	11.60	91	350127	20.653	ug/l	100
68) m/p-Xylenes	11.70	106	260237	40.156	ug/l	97
69) o-Xylene	12.03	106	126145	20.404	ug/l	99
70) Styrene	12.05	104	211420	20.277	ug/l	99
71) Bromoform	12.21	173	39185	21.219	ug/l #	98
73) Isopropylbenzene	12.33	105	336695	20.541	ug/l	99
74) N-amyl acetate	12.14	43	94724	23.539	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	66435	21.586	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	94089	36.398	ug/l #	100
77) Bromobenzene	12.61	156	76753	21.043	ug/l	99
78) n-propylbenzene	12.67	91	403202	20.487	ug/l	100
79) 2-Chlorotoluene	12.76	91	226211	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	281113	20.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24047	20.354	ug/l	98
82) 4-Chlorotoluene	12.86	91	233652	20.337	ug/l	98
83) tert-Butylbenzene	13.08	119	238602	20.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	281695	20.765	ug/l	100
85) sec-Butylbenzene	13.25	105	347387	20.631	ug/l	100
86) p-Isopropyltoluene	13.37	119	305506	20.811	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	147215	20.485	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148905	20.730	ug/l	98
89) n-Butylbenzene	13.70	91	303853	20.946	ug/l	100
90) Hexachloroethane	13.96	117	56524	20.794	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	136736	21.024	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12073	20.684	ug/l	97

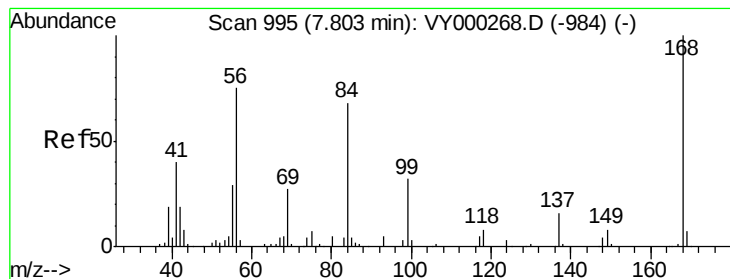
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	93612	20.673	ug/l	98
94) Hexachlorobutadiene	15.11	225	48732	19.886	ug/l	98
95) Naphthalene	15.23	128	215713	21.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	86557	21.210	ug/l	100

(#) = 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: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

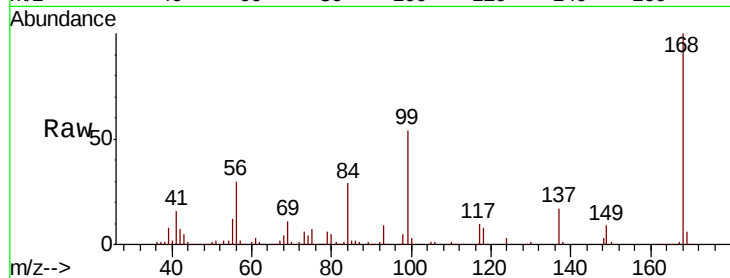
ClientSampled :

Tot Ion:168 Resp: 294361

Ion Ratio Lower Upper

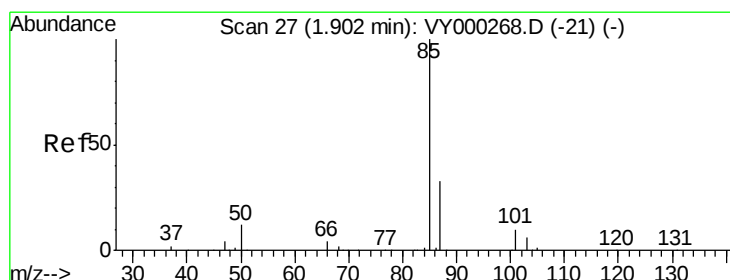
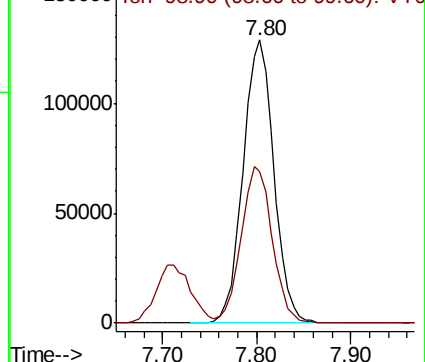
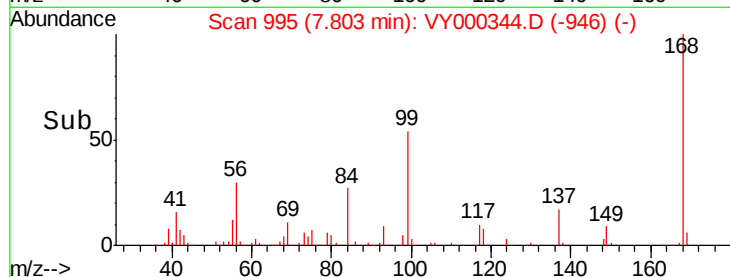
168 100

99 53.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000344.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000344.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 21.817 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000344.D

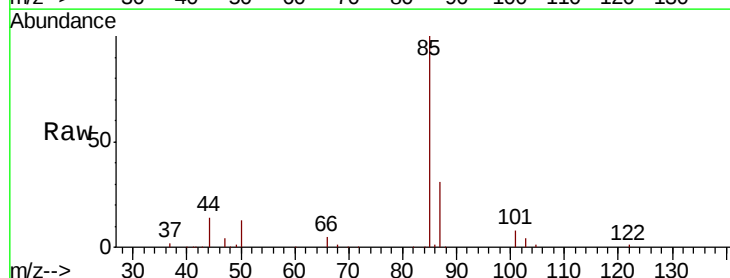
Acq: 18 Oct 2019 11:57

Tgt Ion: 85 Resp: 56439

Ion Ratio Lower Upper

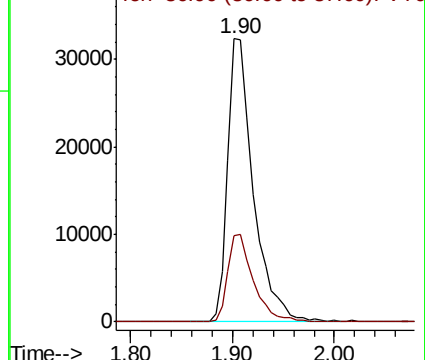
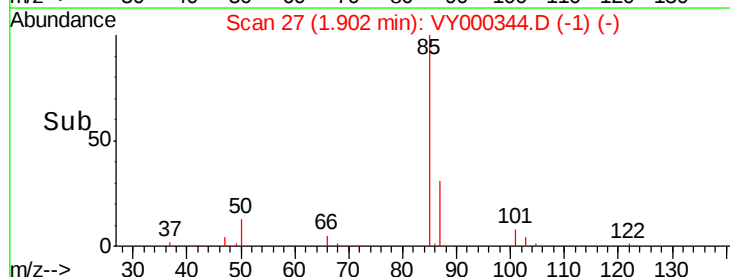
85 100

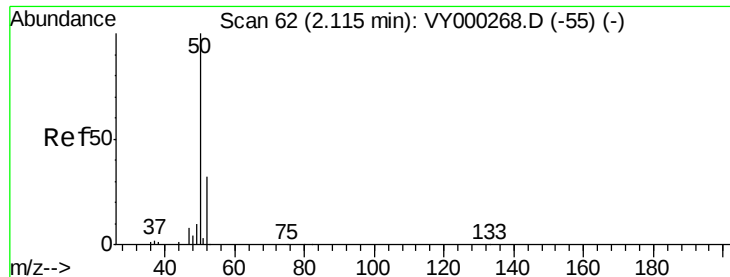
87 30.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000344.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000344.D (-1) (-)





#3

Chloromethane

Concen: 19.292 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

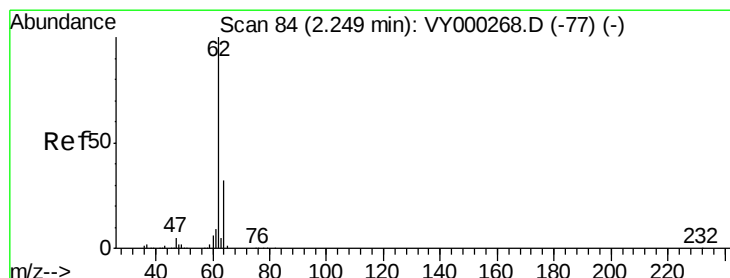
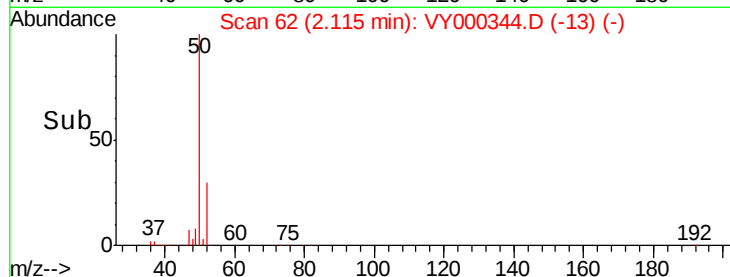
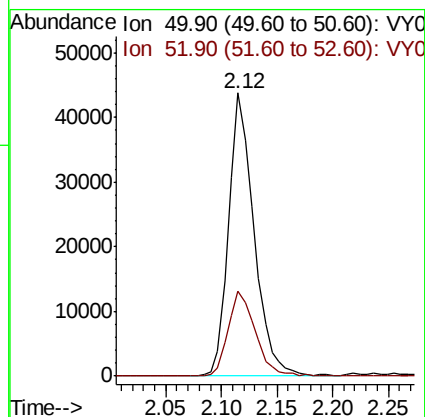
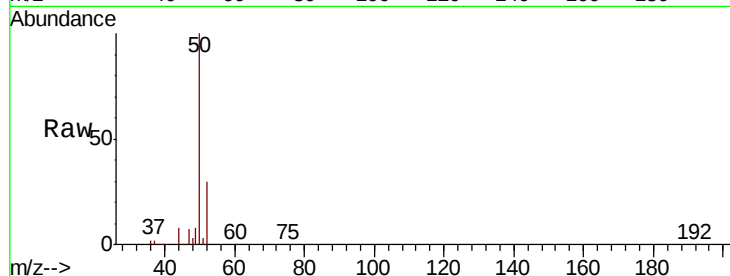
ClientSampleId :

Tot Ion: 50 Resp: 69393

Ion Ratio Lower Upper

50 100

52 30.0 25.3 37.9



#4

Vinyl Chloride

Concen: 20.145 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000344.D

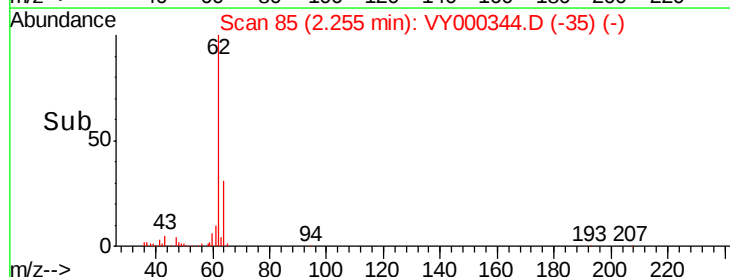
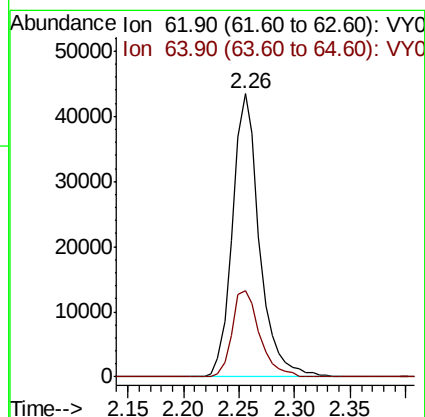
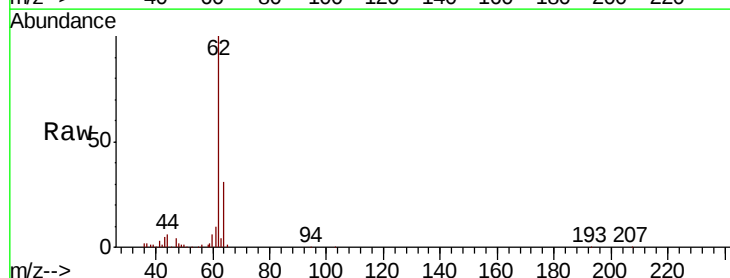
Acq: 18 Oct 2019 11:57

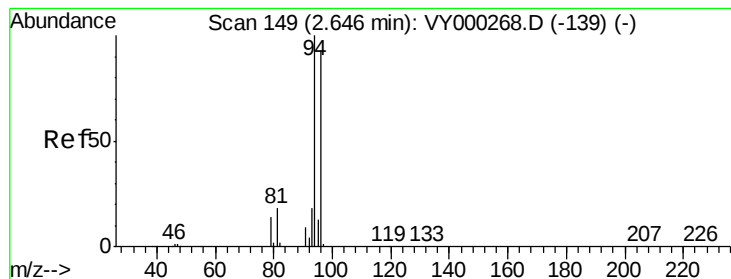
Tgt Ion: 62 Resp: 73128

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4





#5

Bromomethane

Concen: 20.732 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

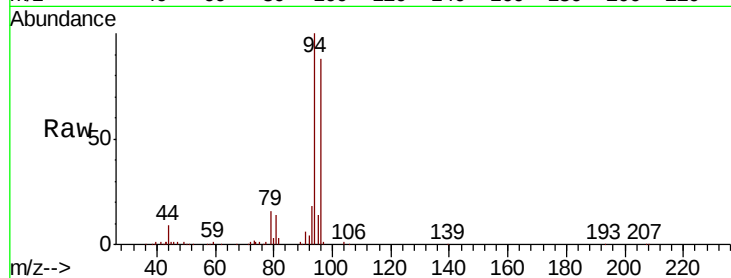
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 55778

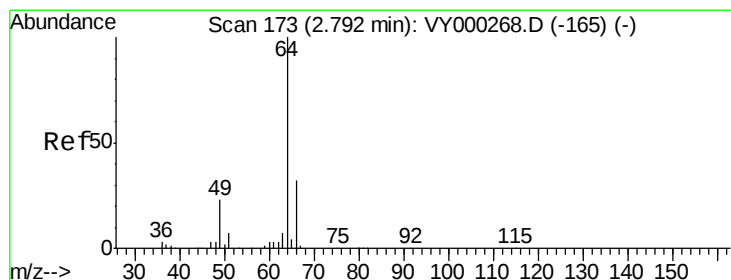
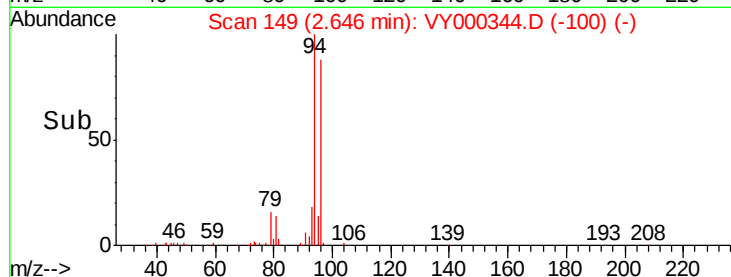
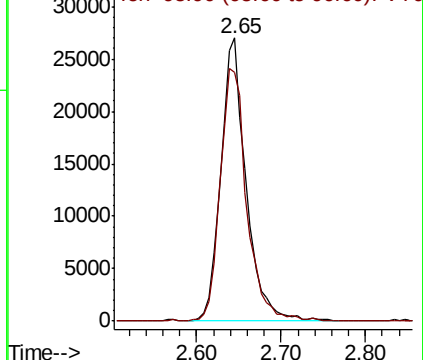
Ion Ratio Lower Upper

94 100

96 87.8 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: 20.659 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000344.D

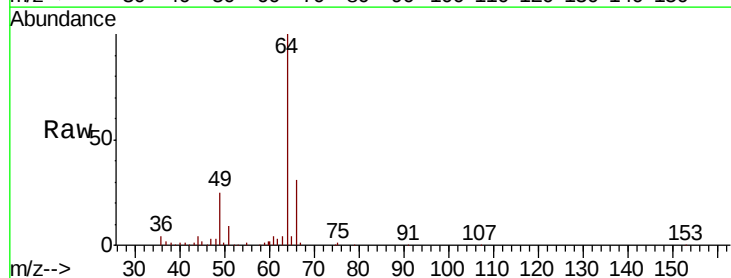
Acq: 18 Oct 2019 11:57

Tgt Ion: 64 Resp: 48388

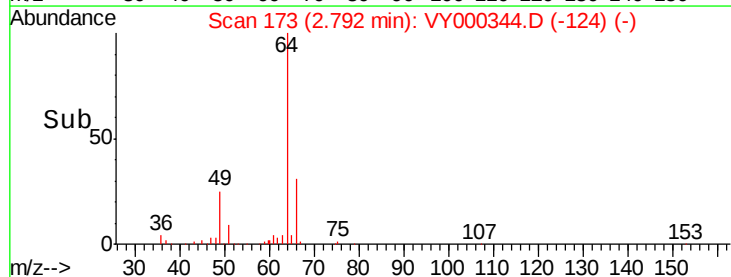
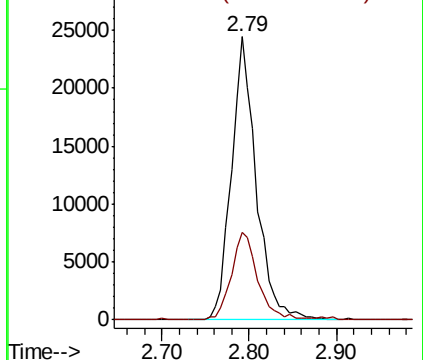
Ion Ratio Lower Upper

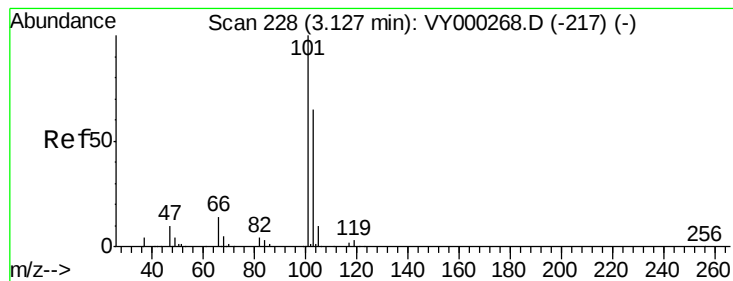
64 100

66 31.0 25.6 38.4



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



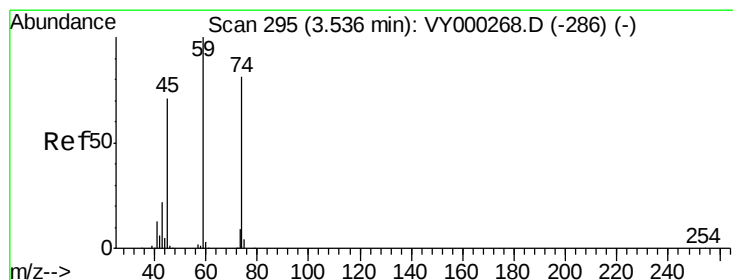
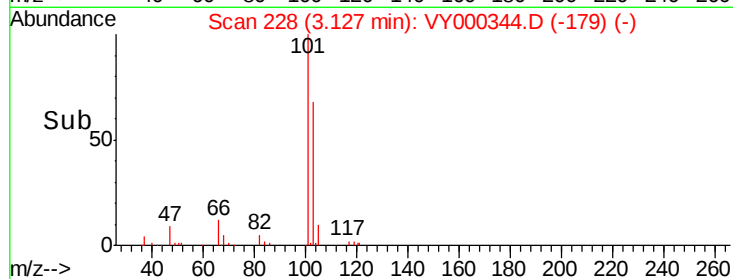
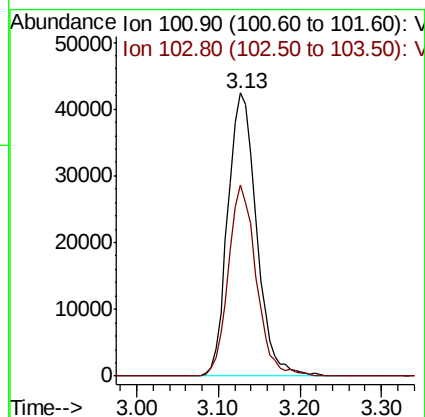
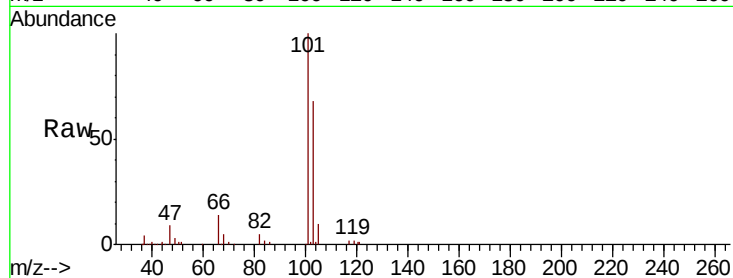


#7

Trichlorofluoromethane
 Concen: 20.797 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :

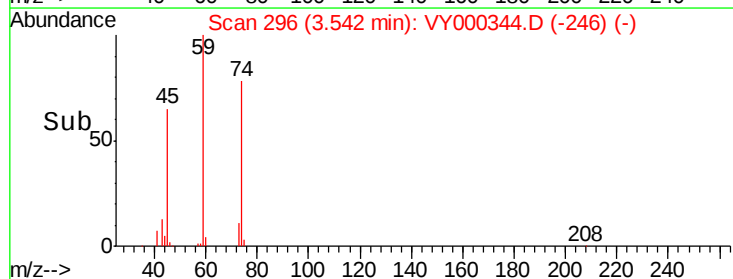
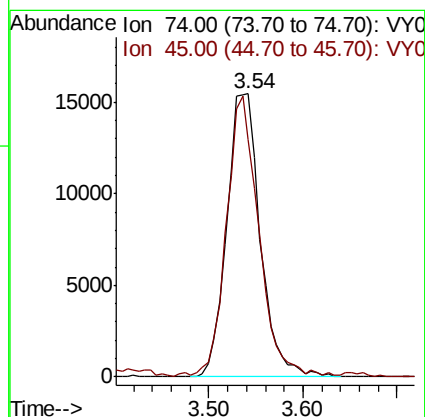
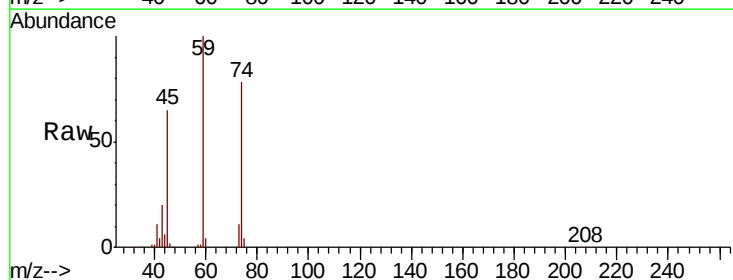
Tot Ion:101 Resp: 103268
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.2 78.4

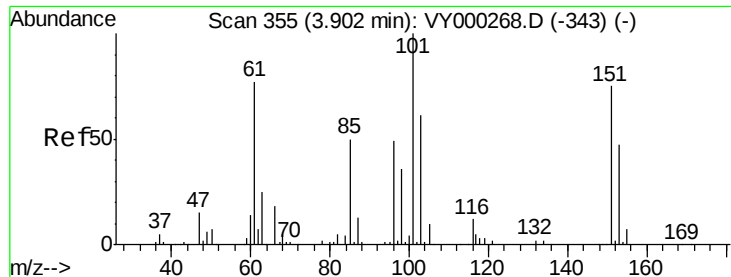


#8

Diethyl Ether
 Concen: 21.795 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion: 74 Resp: 38234
 Ion Ratio Lower Upper
 74 100
 45 95.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.827 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

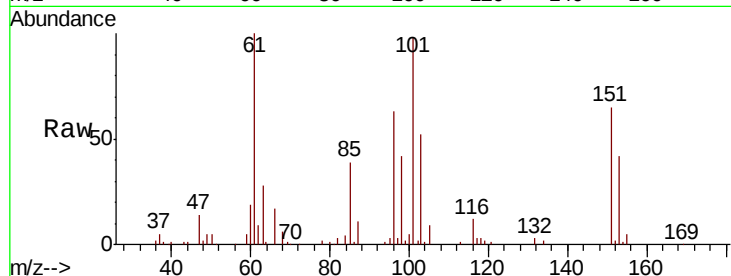
Tot Ion:101 Resp: 62719

Ion Ratio Lower Upper

101 100

85 44.7 36.6 55.0

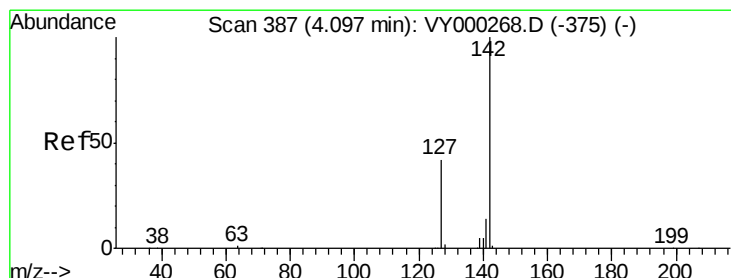
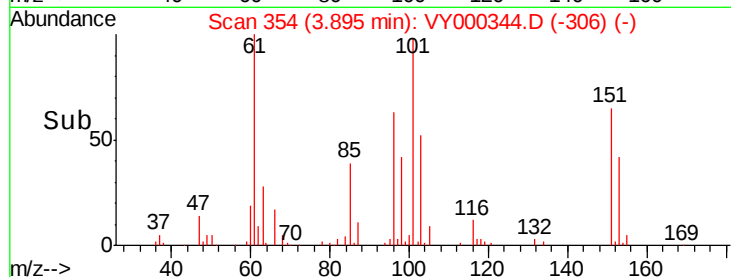
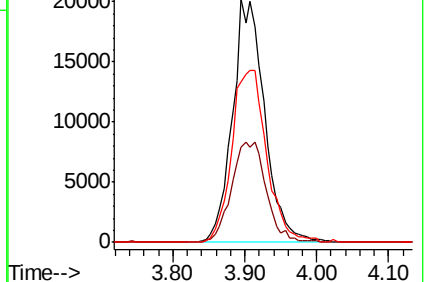
151 77.2 63.1 94.7



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: 18.338 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

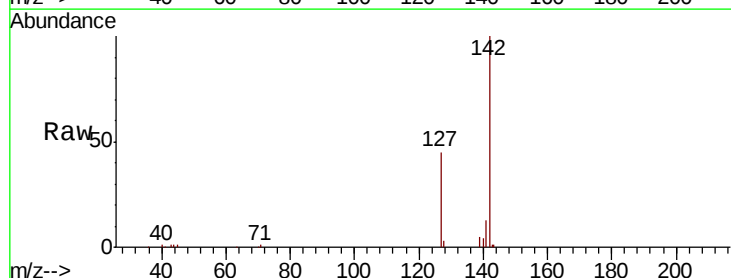
Tgt Ion:142 Resp: 75359

Ion Ratio Lower Upper

142 100

127 41.7 33.9 50.9

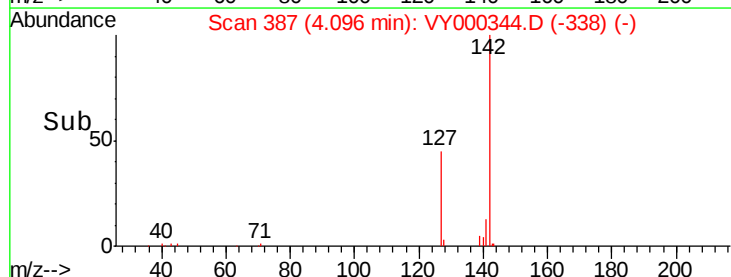
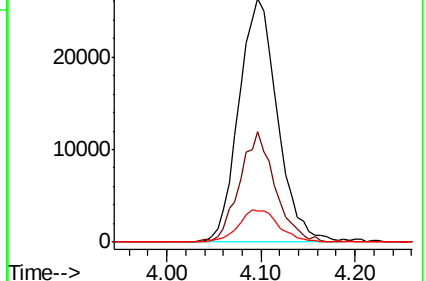
141 13.7 11.2 16.8

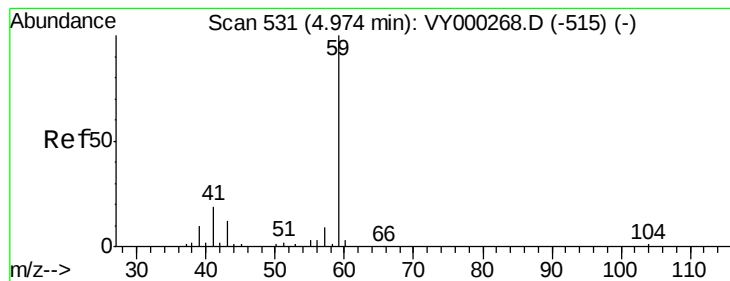


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



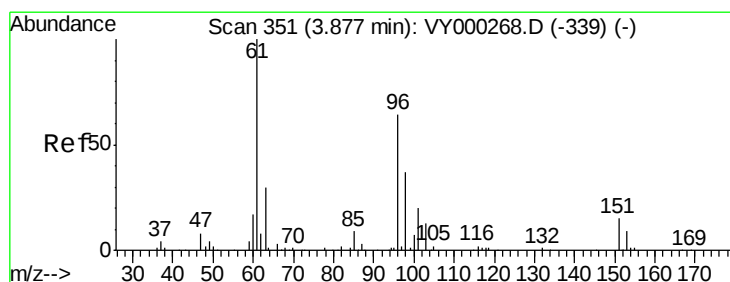
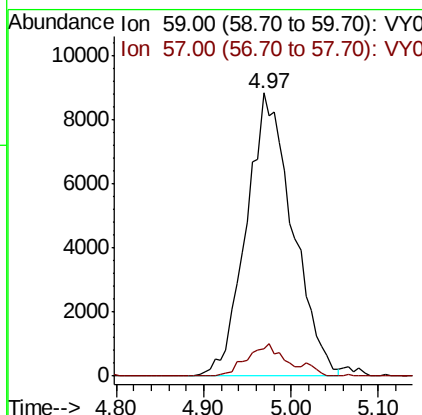
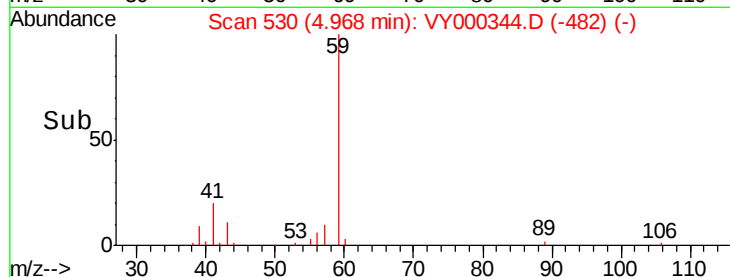
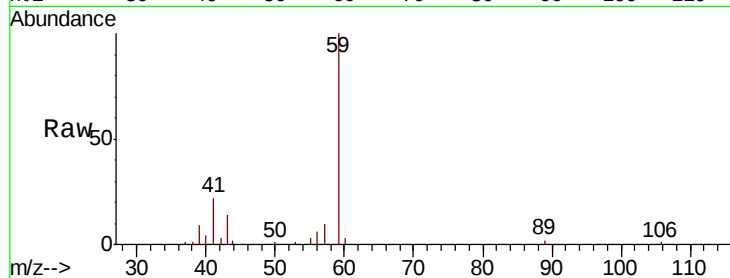


#11

Tert butyl alcohol
 Concen: 100.315 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :

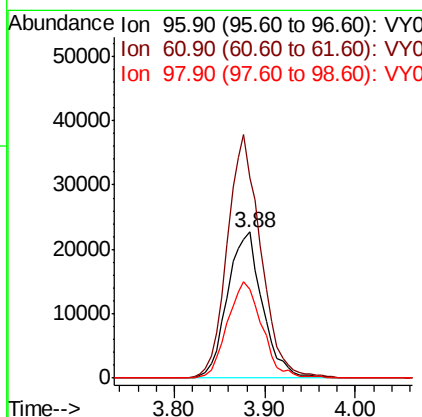
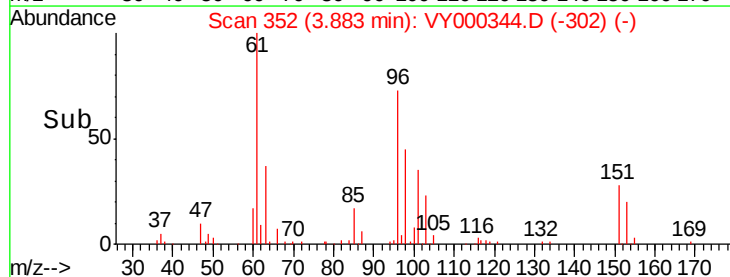
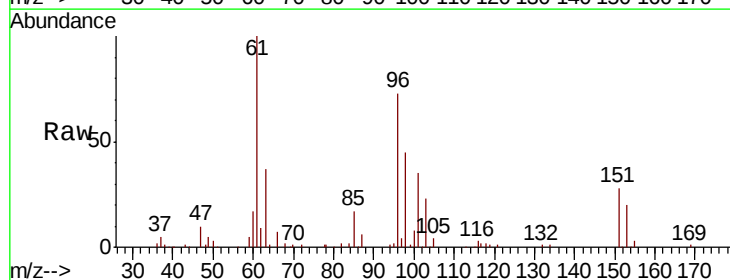
Tot Ion: 59 Resp: 32597
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.2 12.2

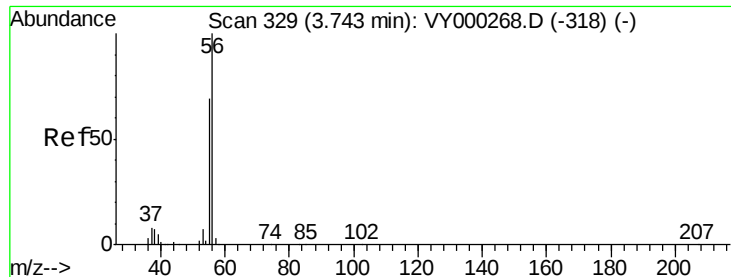


#12

1,1-Dichloroethene
 Concen: 20.425 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion: 96 Resp: 60724
 Ion Ratio Lower Upper
 96 100
 61 136.9 125.8 188.6
 98 61.1 46.2 69.2





#13

Acrolein

Concen: 84.281 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

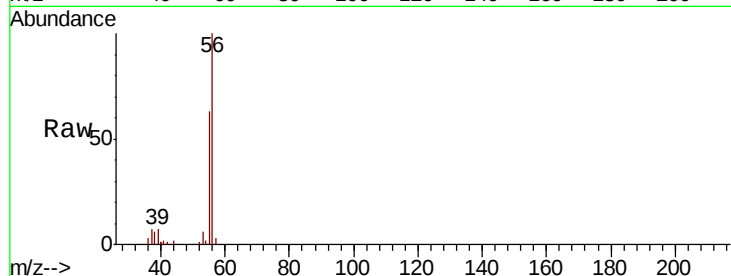
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 32108

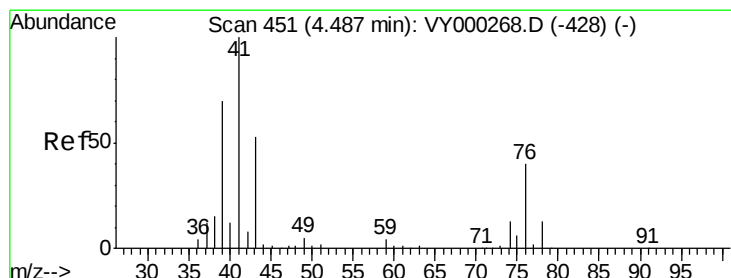
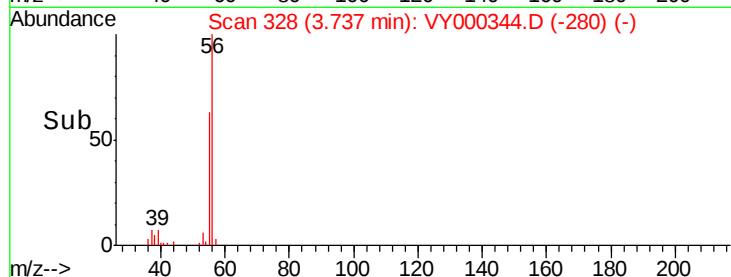
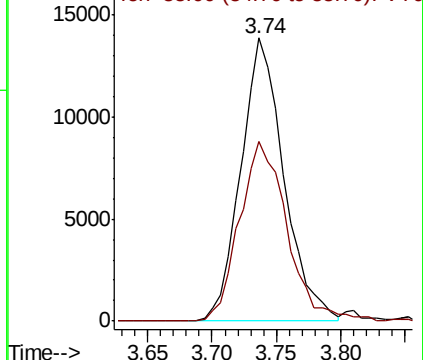
Ion Ratio Lower Upper

56 100

55 70.2 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.261 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

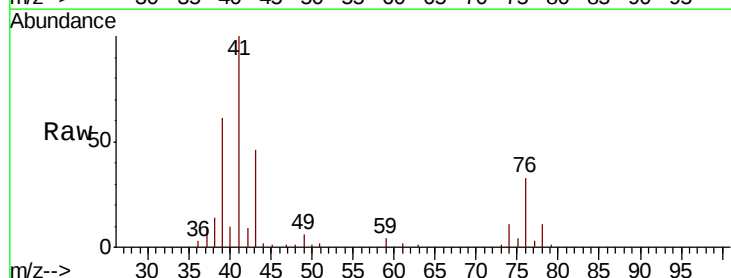
Tgt Ion: 41 Resp: 104748

Ion Ratio Lower Upper

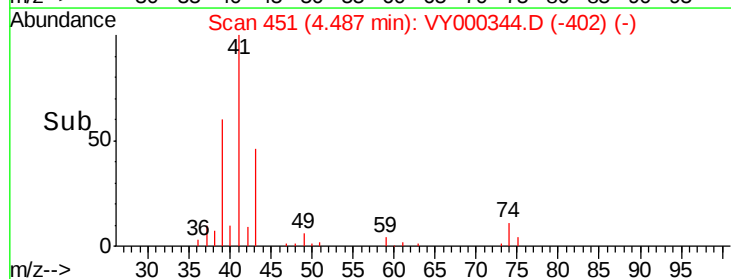
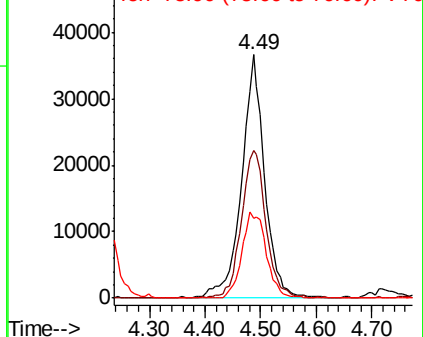
41 100

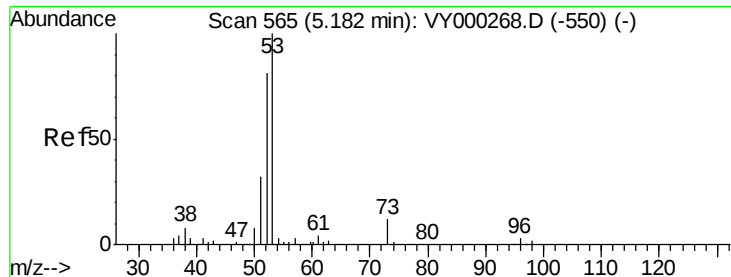
39 64.8 54.0 81.0

76 37.2 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 104.756 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :

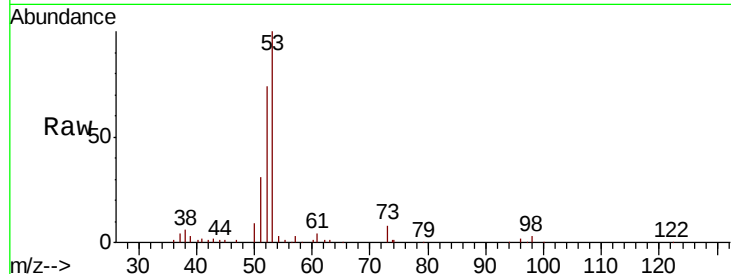
Tot Ion: 53 Resp: 102856

Ion Ratio Lower Upper

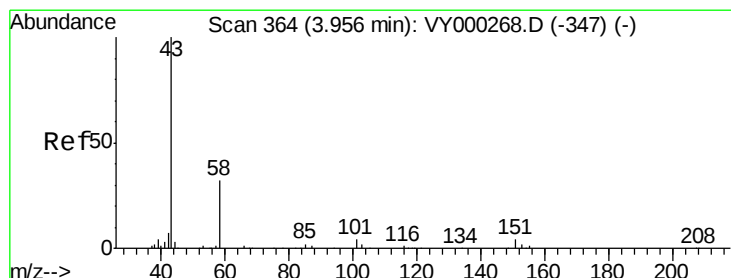
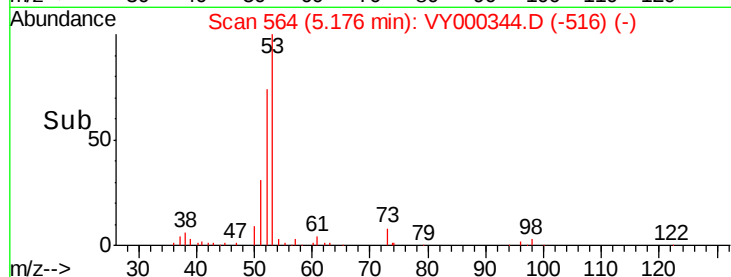
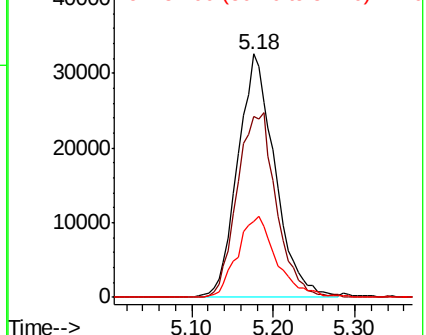
53 100

52 79.9 62.9 94.3

51 35.3 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: 86.701 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000344.D

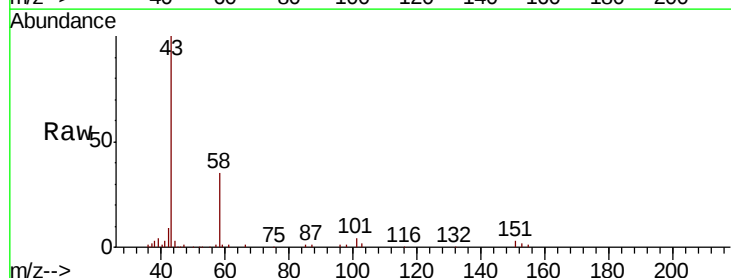
Acq: 18 Oct 2019 11:57

Tgt Ion: 43 Resp: 87182

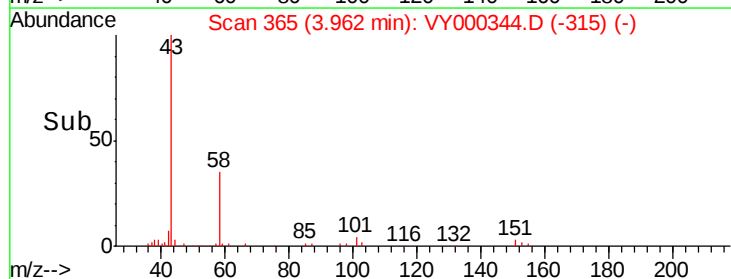
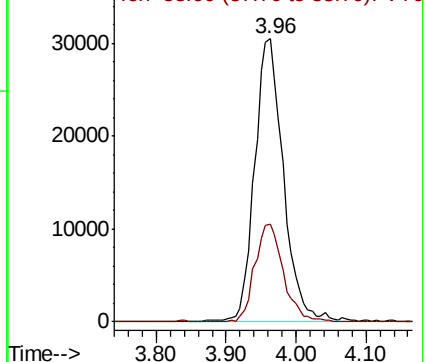
Ion Ratio Lower Upper

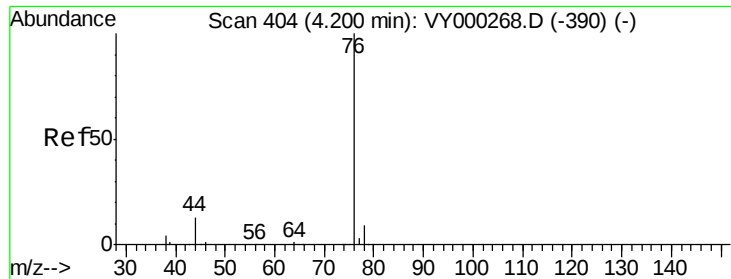
43 100

58 34.6 25.8 38.6



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

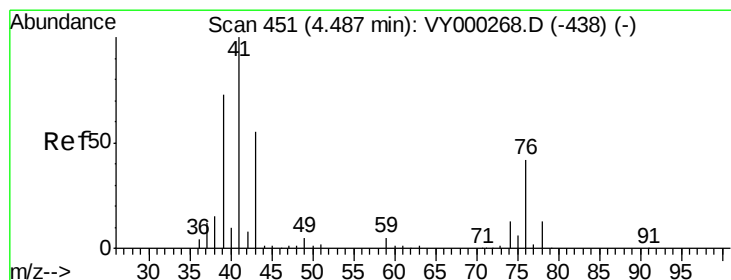
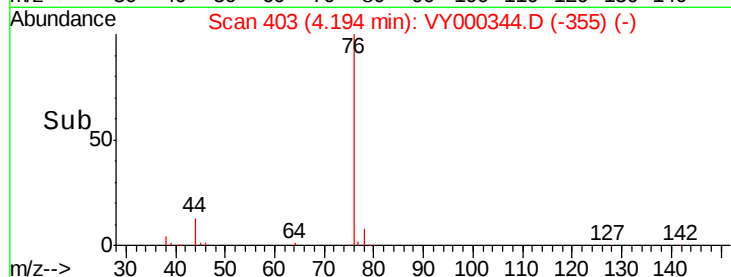
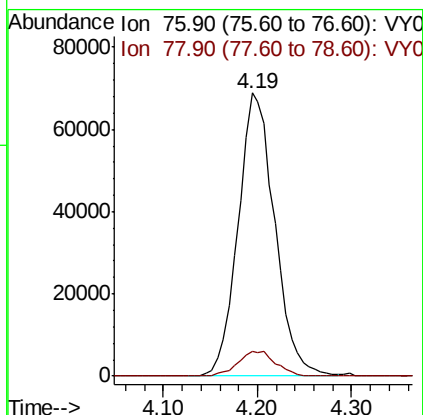
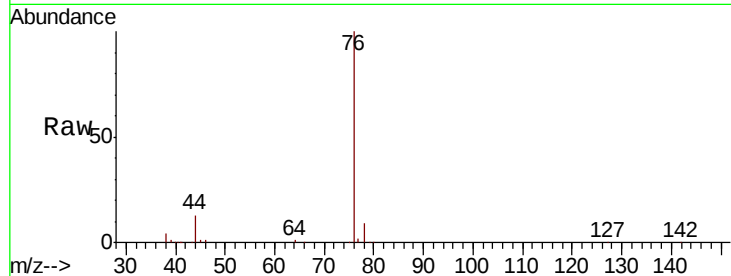




#17
Carbon Disulfide
Concen: 19.886 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

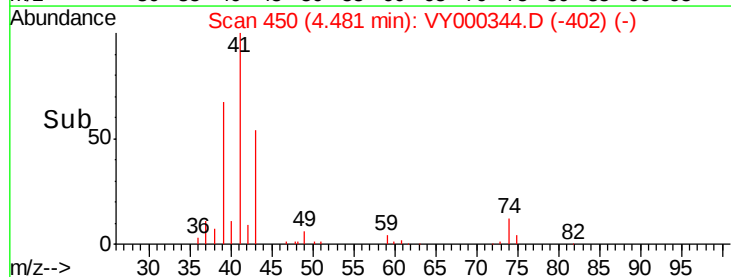
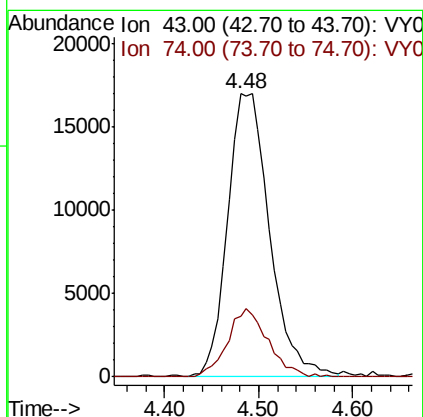
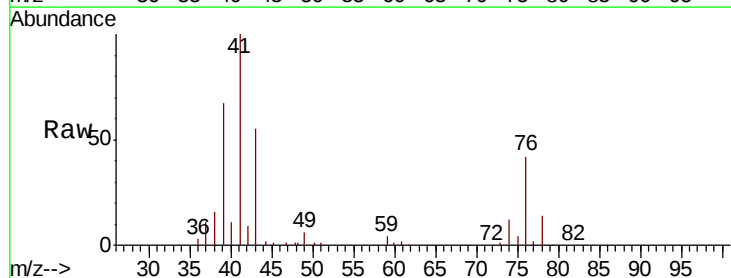
Instrument :
MSVOA_Y
ClientSampleId :

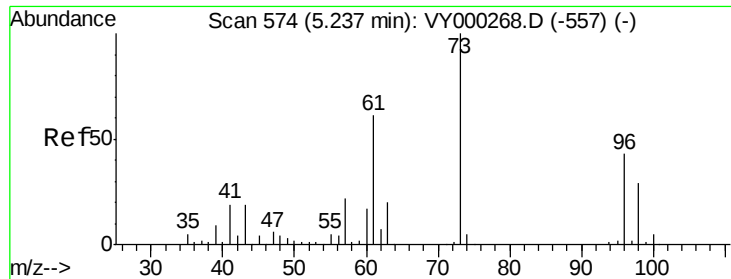
Tot Ion: 76 Resp: 186139
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 21.229 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 43 Resp: 53038
Ion Ratio Lower Upper
43 100
74 22.9 20.4 30.6

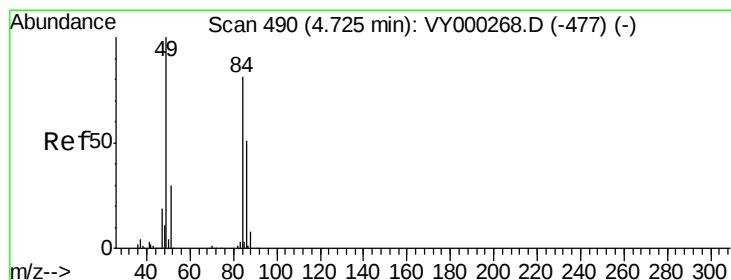
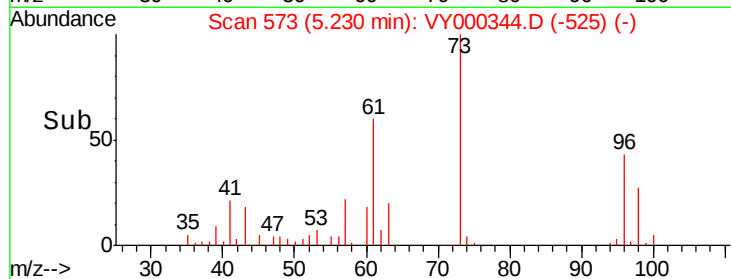
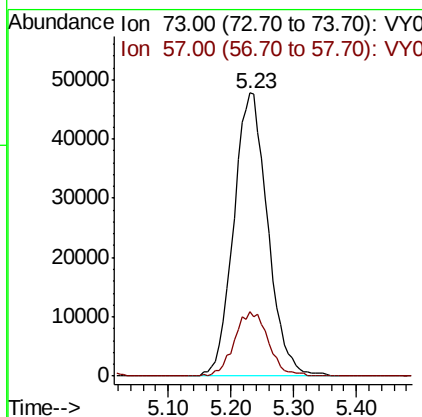
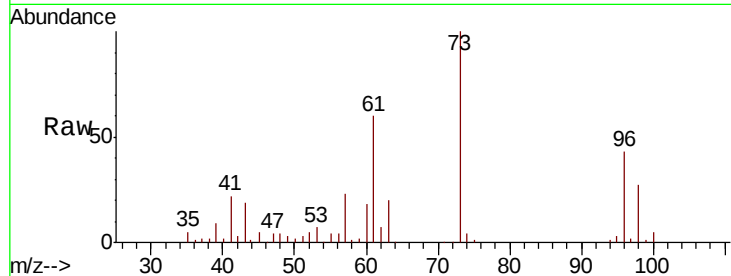




#19
Methvl tert-butvl Ether
Concen: 21.582 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

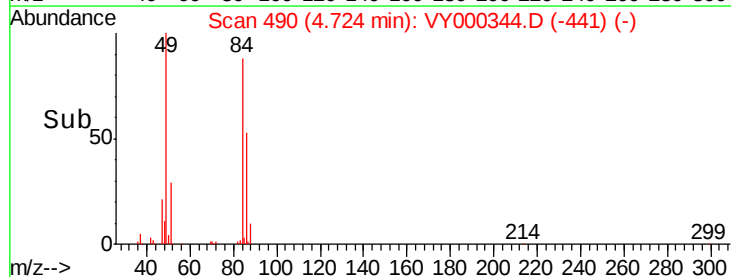
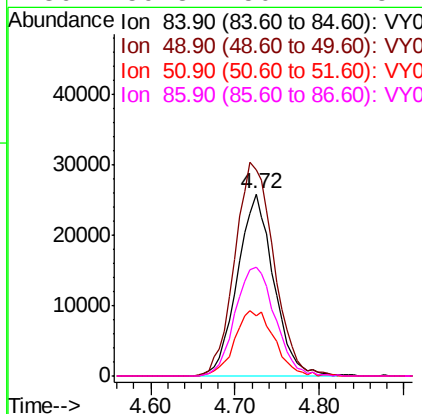
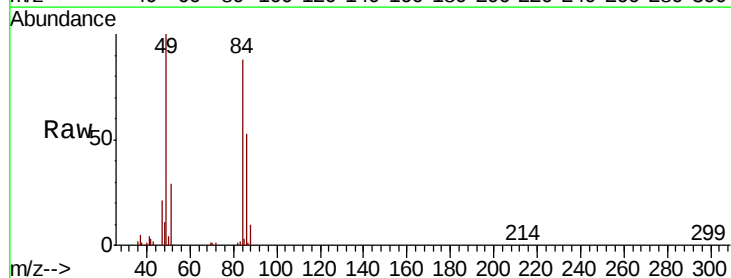
Instrument :
MSVOA_Y
ClientSampled :

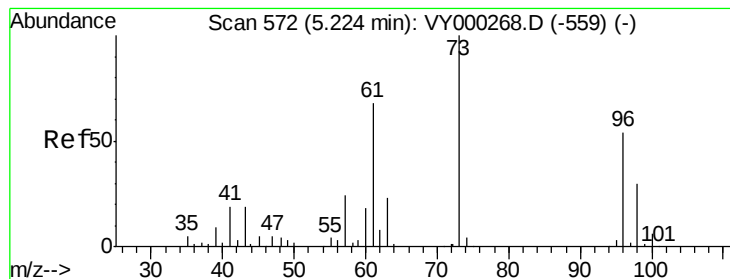
Tot Ion: 73 Resp: 178618
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.0



#20
Methylene Chloride
Concen: 18.906 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 84 Resp: 75509
Ion Ratio Lower Upper
84 100
49 113.2 99.0 148.4
51 33.3 29.3 43.9
86 59.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.102 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :

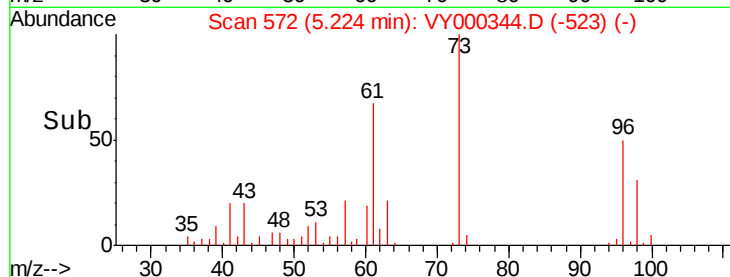
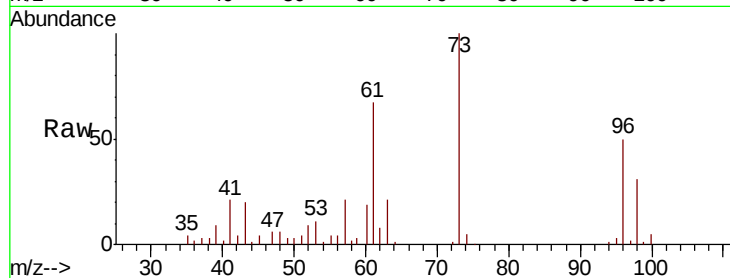
Tot Ion: 96 Resp: 68566

Ion Ratio Lower Upper

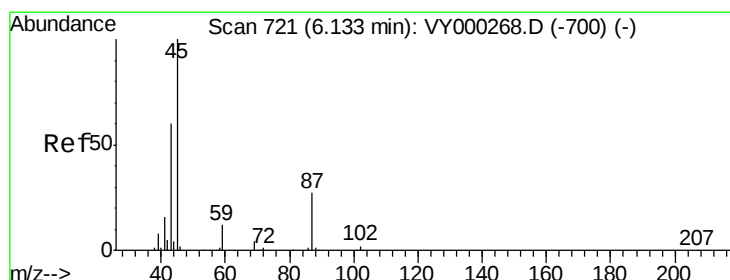
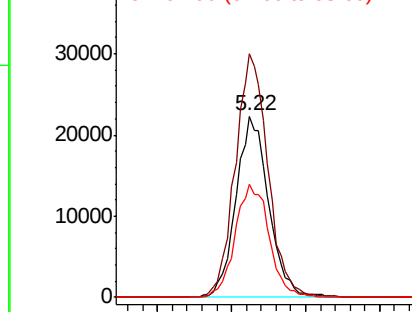
96 100

61 134.5 100.4 150.6

98 62.6 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: 21.248 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Tgt Ion: 45 Resp: 221412

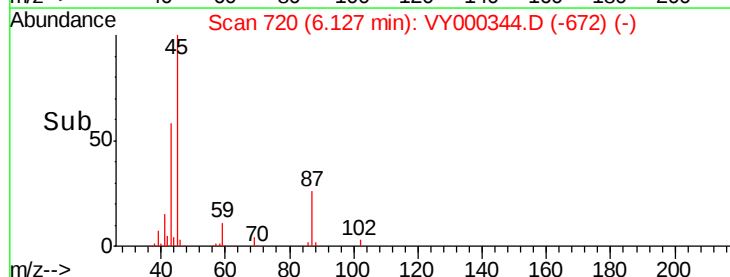
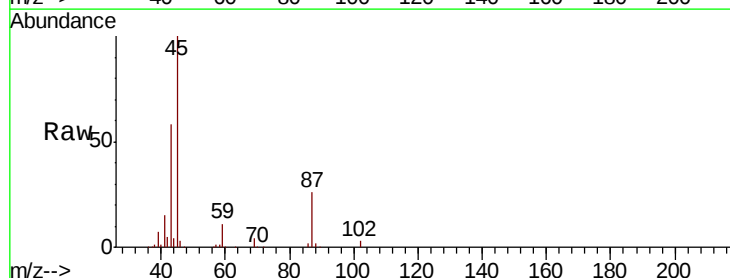
Ion Ratio Lower Upper

45 100

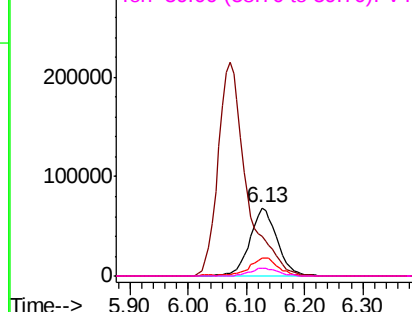
43 57.6 48.5 72.7

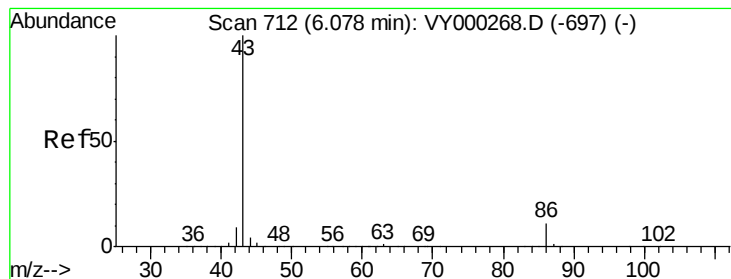
87 25.8 21.5 32.3

59 11.4 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: 106.115 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

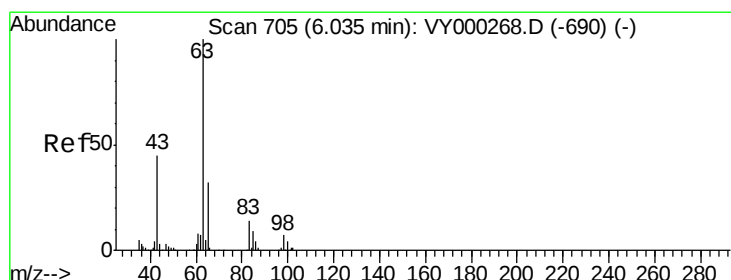
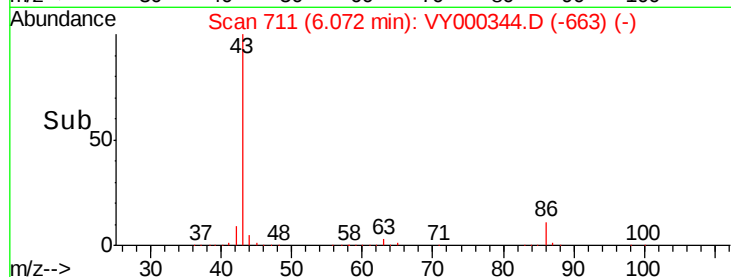
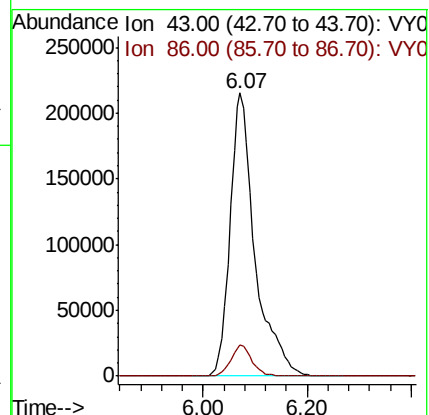
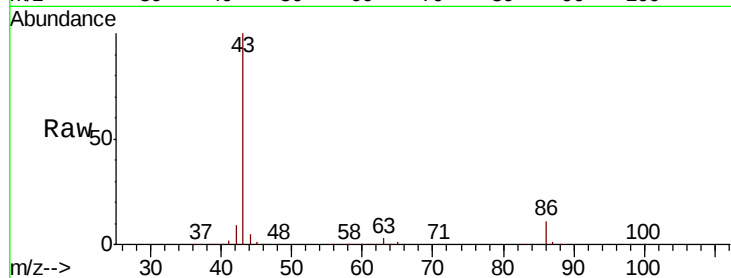
ClientSampleId :

Tot Ion: 43 Resp: 721370

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.036 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

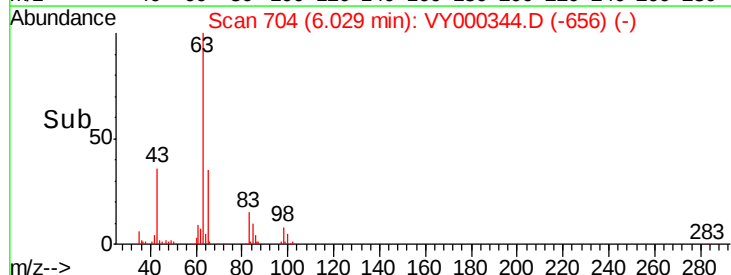
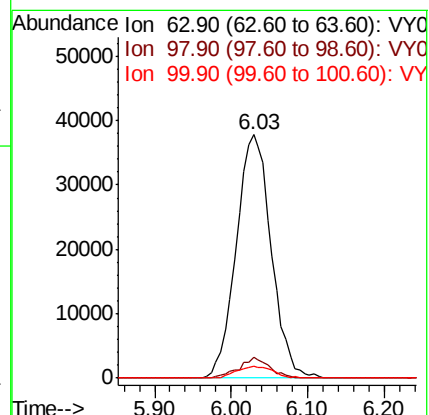
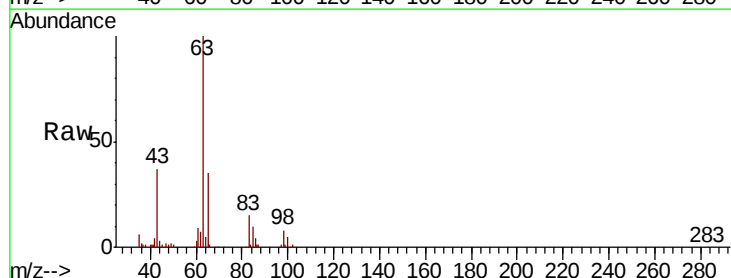
Tgt Ion: 63 Resp: 119645

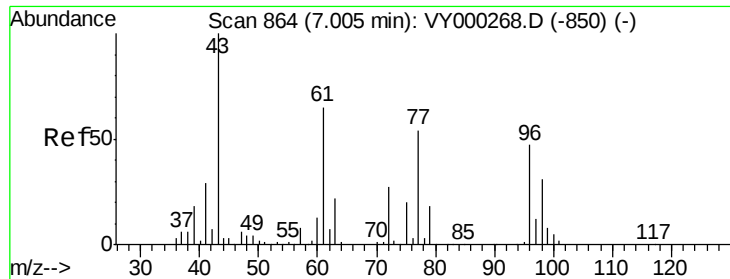
Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.4

100 4.9 2.1 6.2





#25

2-Butanone

Concen: 102.053 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

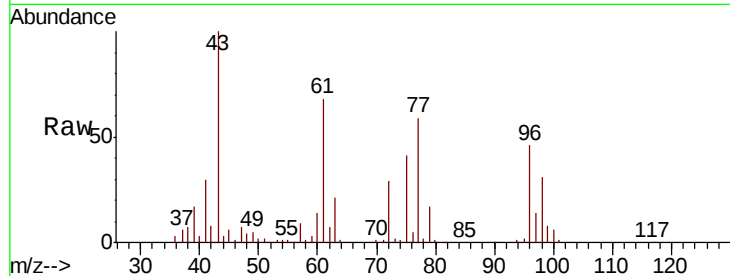
ClientSampled :

Tot Ion: 43 Resp: 144557

Ion Ratio Lower Upper

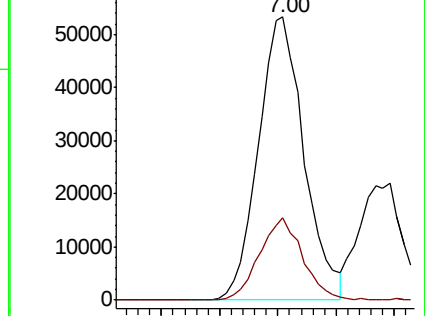
43 100

72 29.3 21.4 32.2

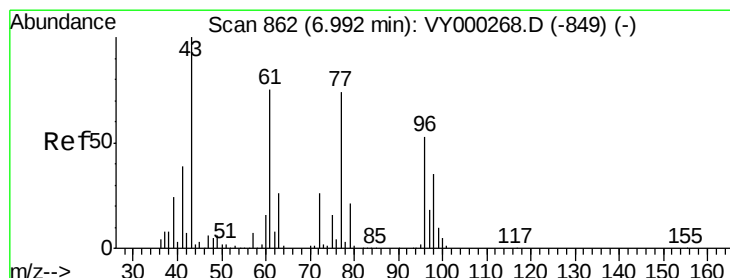
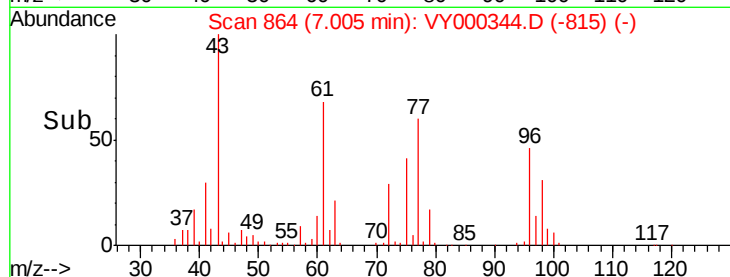


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#26

2,2-Dichloropropane

Concen: 21.133 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000344.D

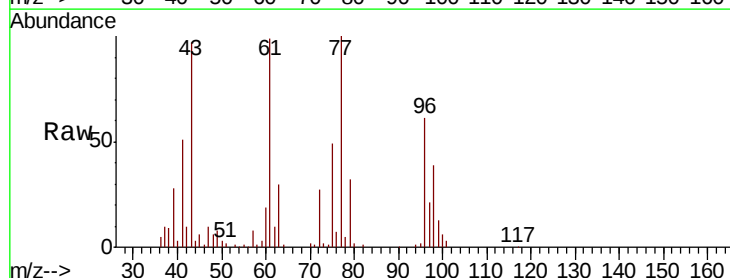
Acq: 18 Oct 2019 11:57

Tgt Ion: 77 Resp: 110760

Ion Ratio Lower Upper

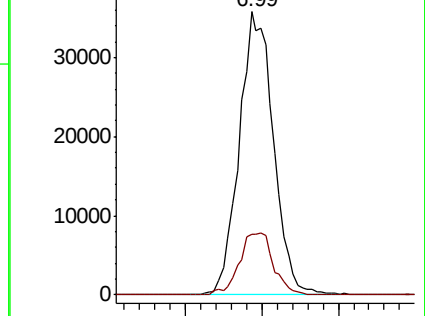
77 100

97 21.6 11.6 34.7

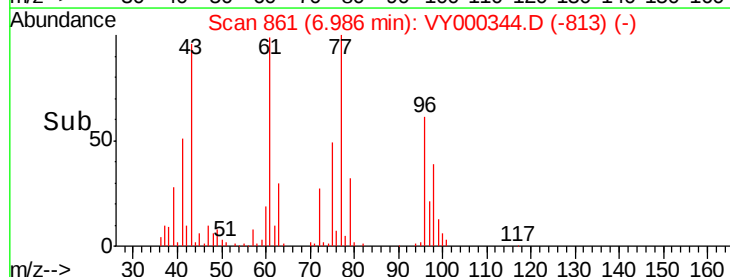


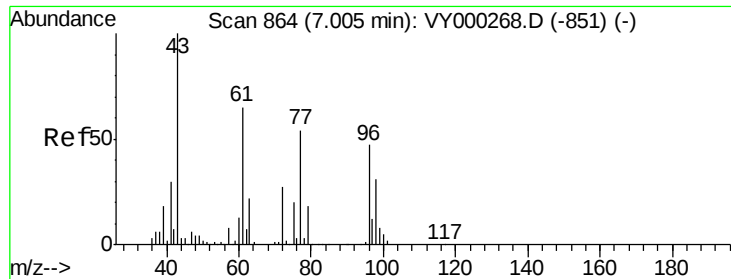
Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



Time-->



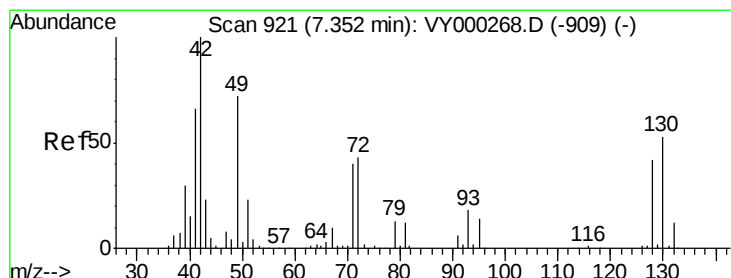
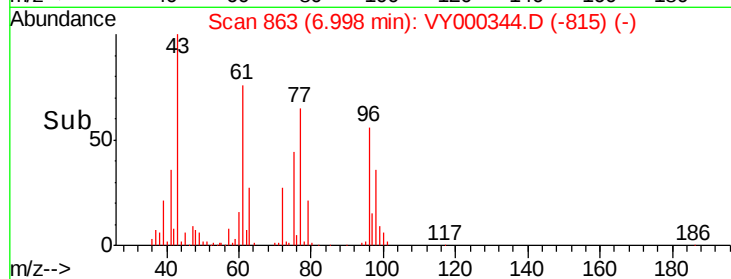
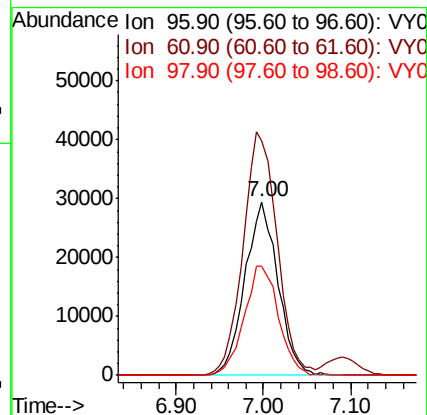
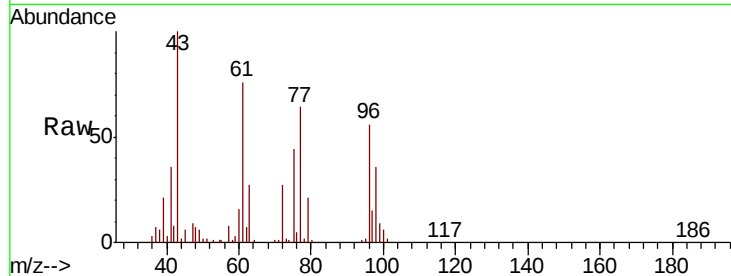


#27

cis-1,2-Dichloroethene
Concen: 20.934 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :

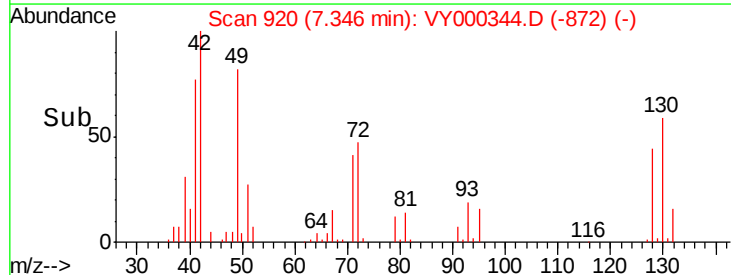
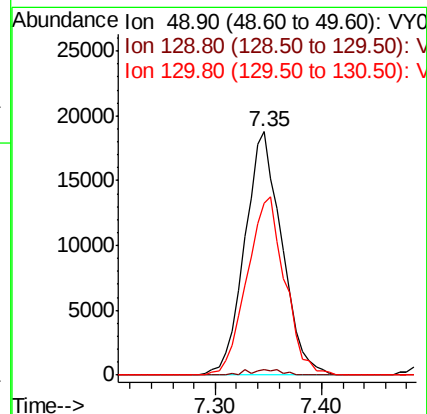
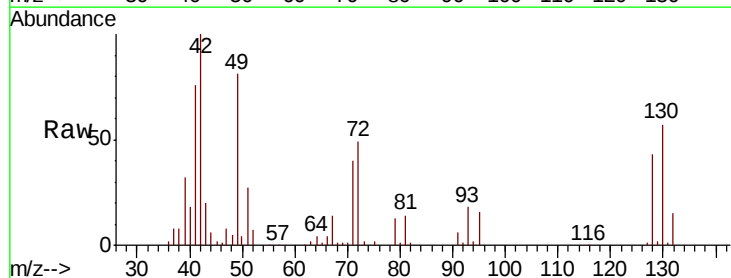
Tot Ion: 96 Resp: 77263
Ion Ratio Lower Upper
96 100
61 145.1 0.0 289.8
98 65.7 0.0 131.8

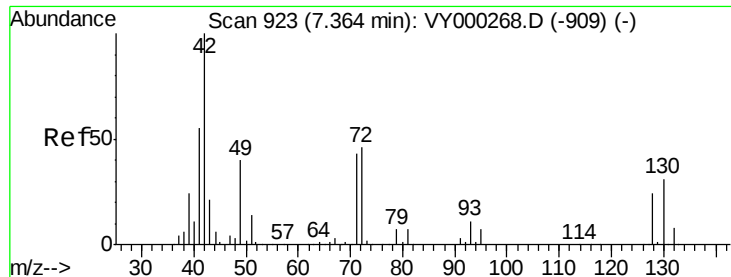


#28

Bromochloromethane
Concen: 18.767 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 49 Resp: 45822
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 74.7 58.2 87.2

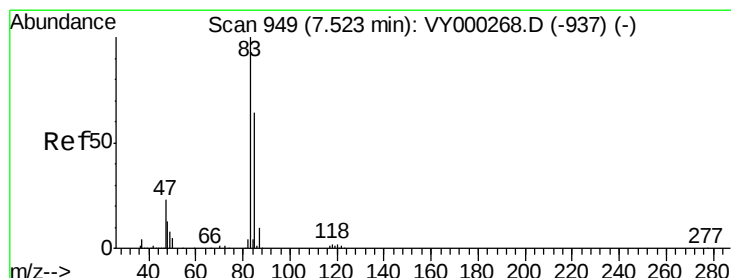
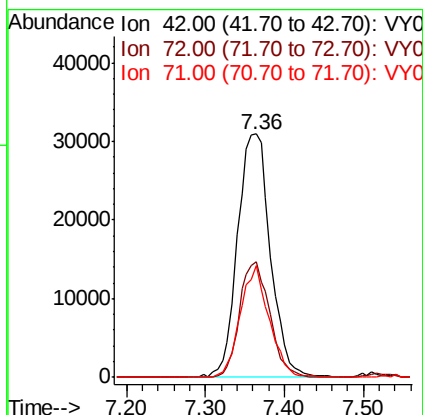
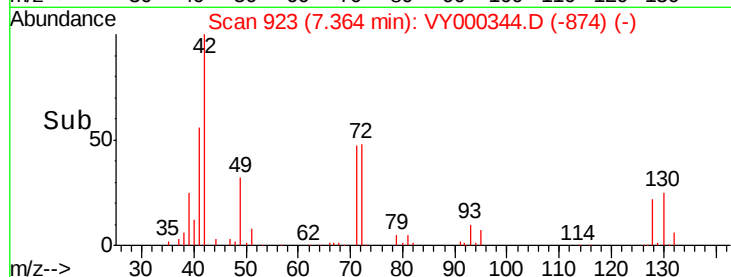
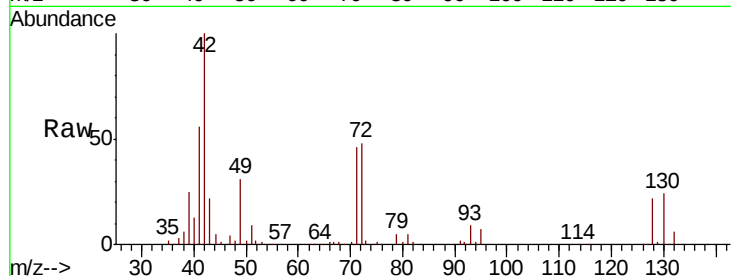




#29
Tetrahydrofuran
Concen: 104.488 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

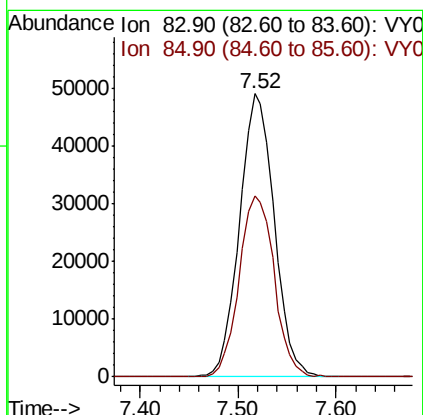
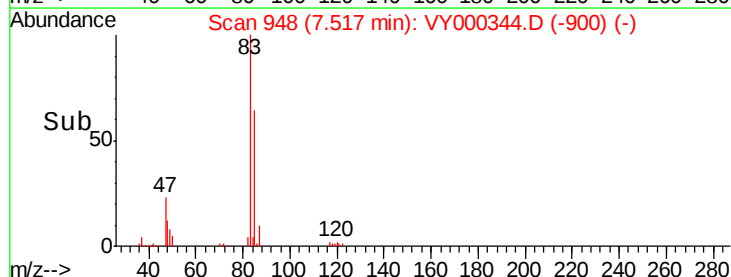
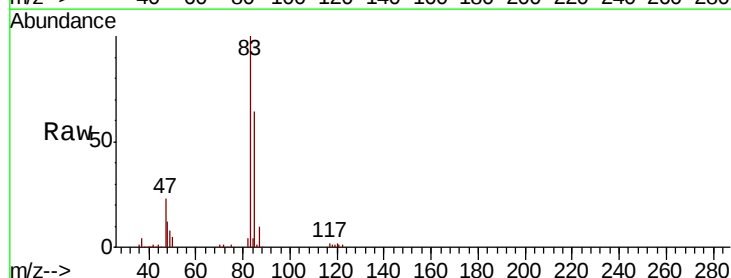
Instrument :
MSVOA_Y
ClientSampleId :

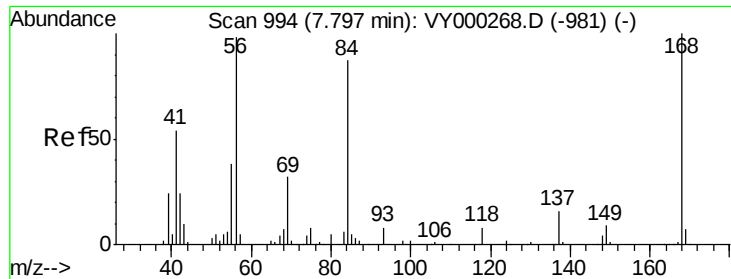
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.5	51.7
71	40.3	32.7	49.1



#30
Chloroform
Concen: 21.184 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.2

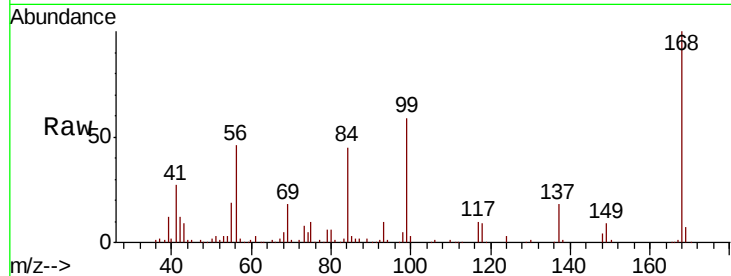




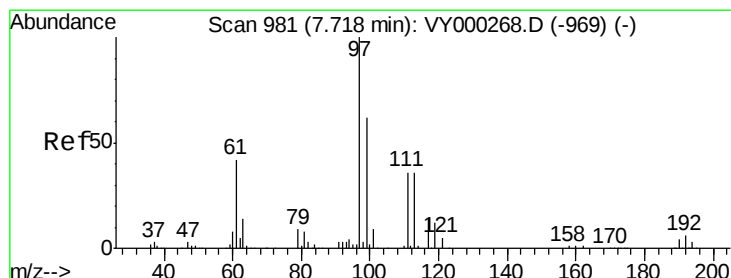
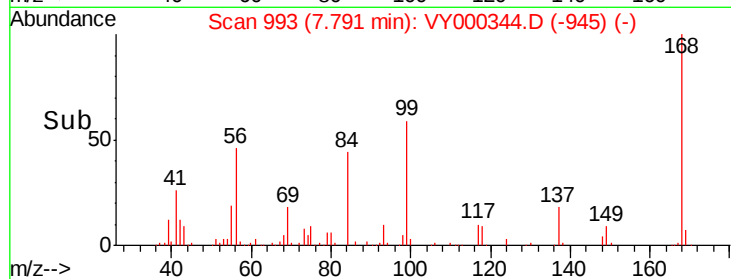
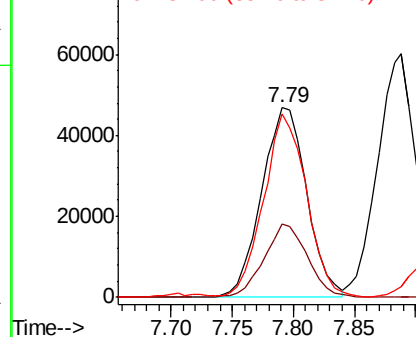
#31
Cyclohexane
Concen: 20.254 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	56	Resp	120317
Ion Ratio	Lower	Upper	
56	100		
69	38.6	26.3	39.5
84	95.2	70.8	106.2

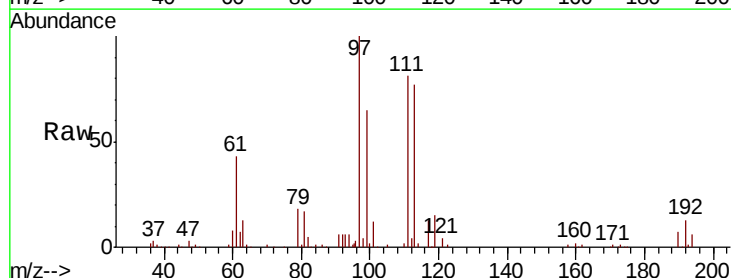


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

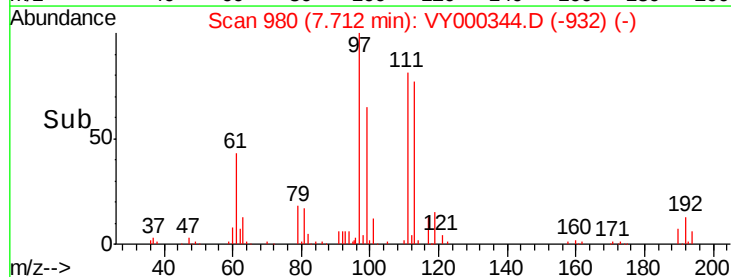
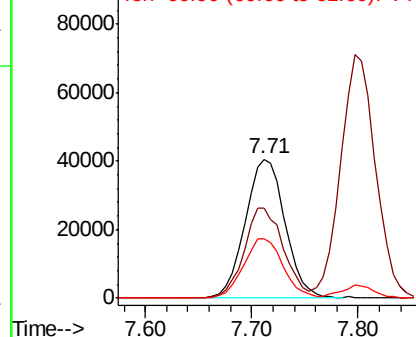


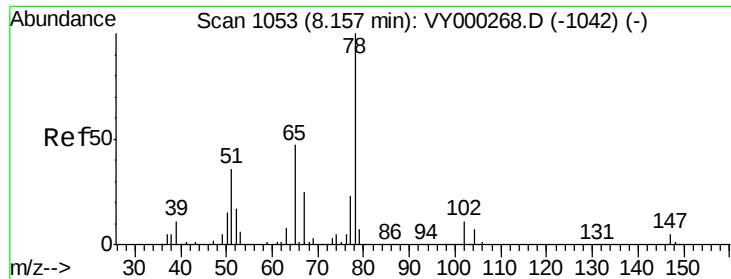
#32
1,1,1-Trichloroethane
Concen: 20.886 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion	97	Resp	106359
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.7	77.5
61	43.0	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

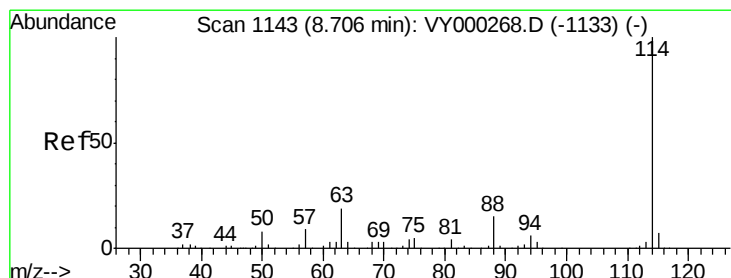
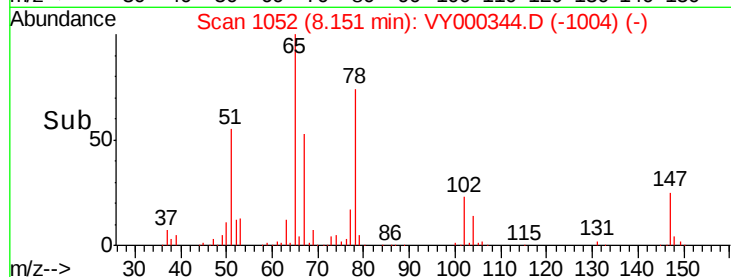
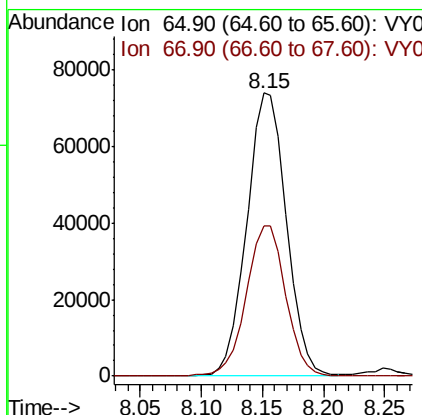
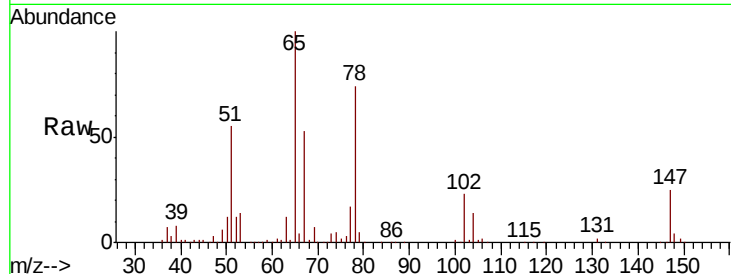




#33
 1,2-Dichloroethane-d4
 Concen: 53.708 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

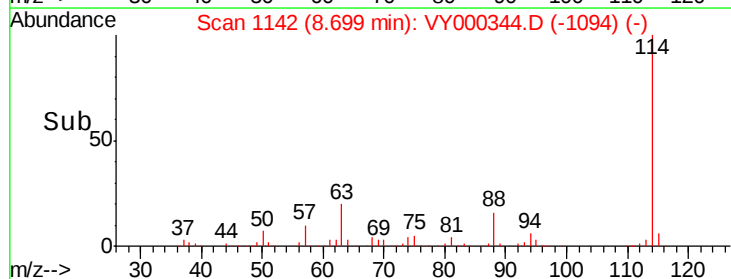
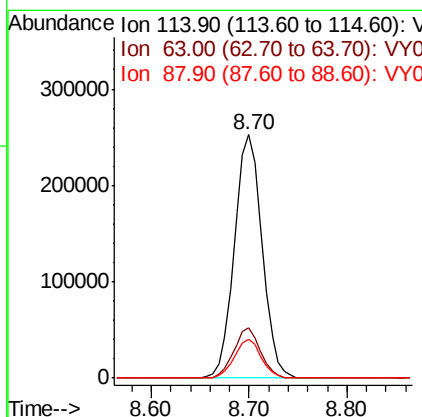
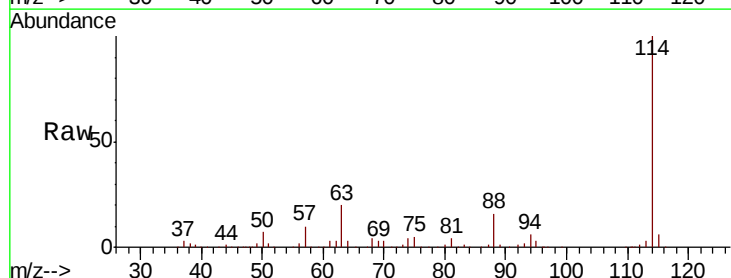
Instrument :
 MSVOA_Y
 ClientSampleId :

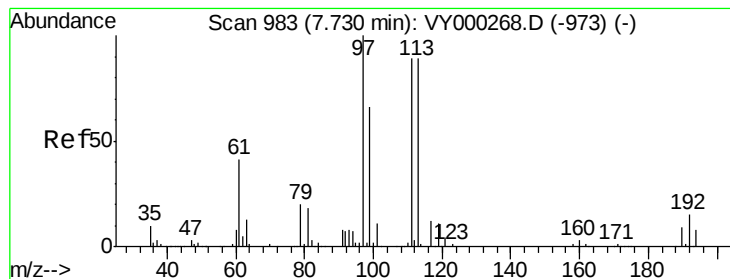
Tot Ion: 65 Resp: 166765
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion: 114 Resp: 495246
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.2
 88 16.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.370 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

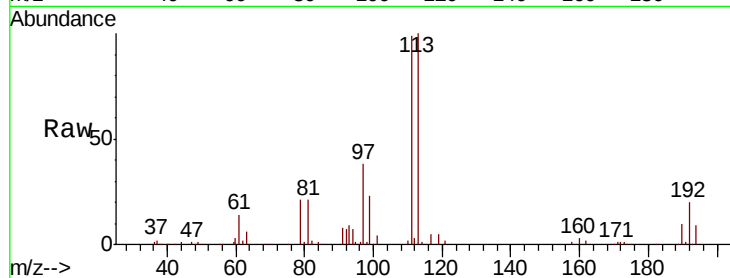
Tot Ion:113 Resp: 150474

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

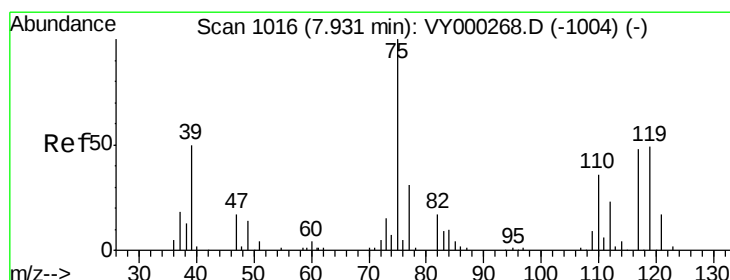
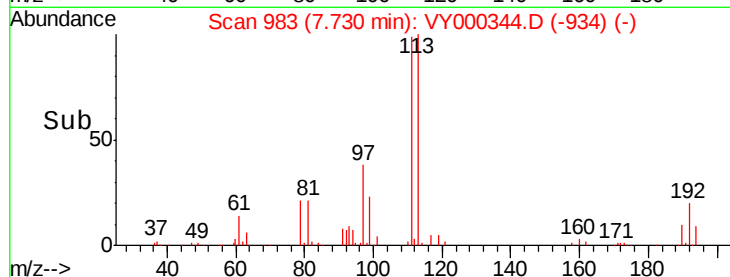
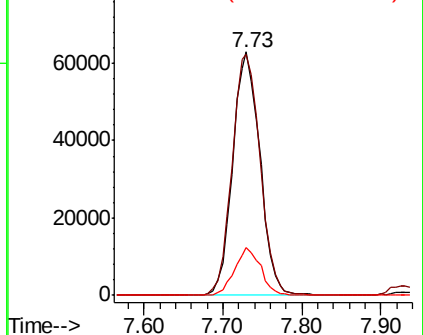
192 18.9 15.3 22.9



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: 19.962 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

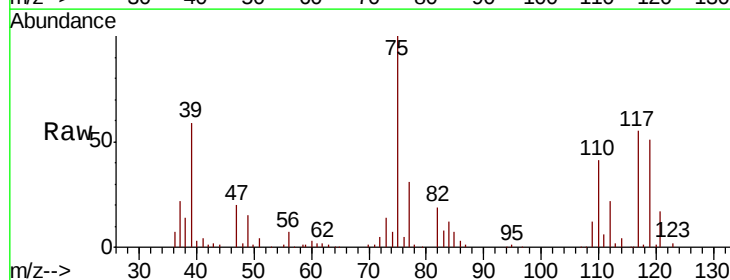
Tgt Ion: 75 Resp: 96790

Ion Ratio Lower Upper

75 100

110 37.2 18.4 55.4

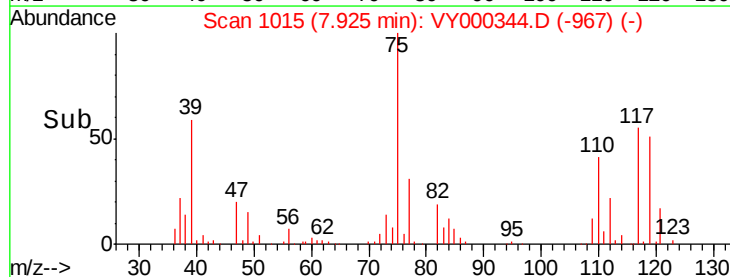
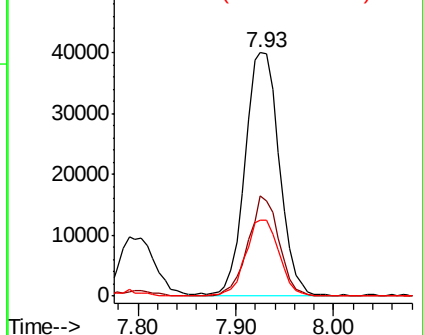
77 31.0 25.0 37.6

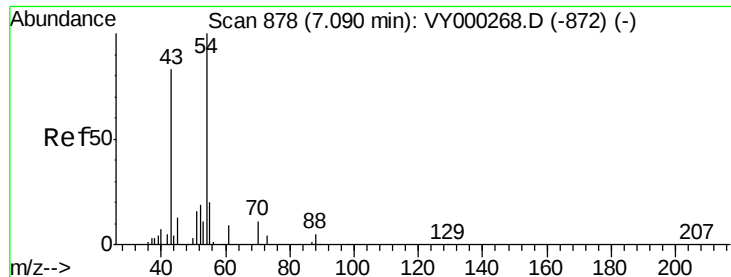


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

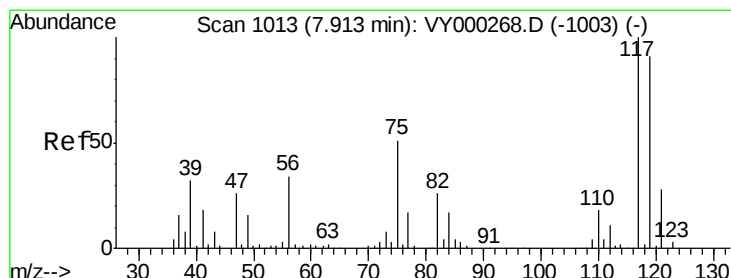
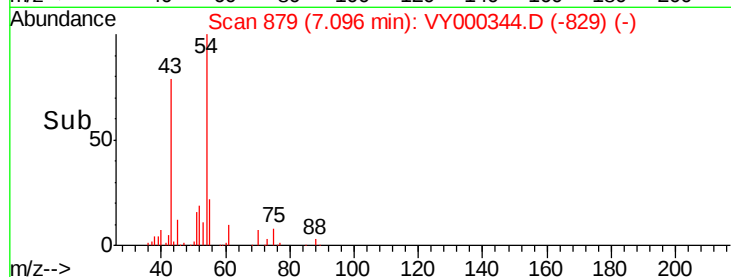
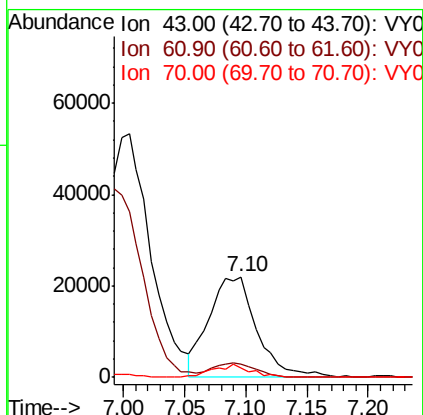
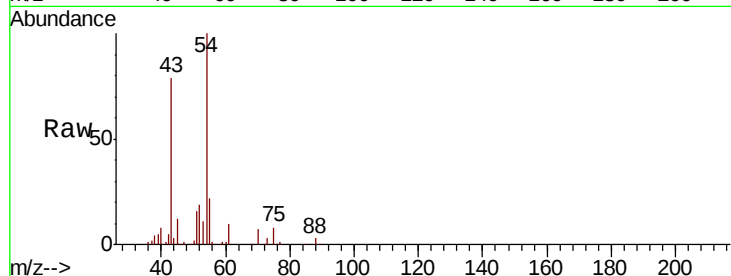




#37
Ethyl Acetate
Concen: 20.615 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

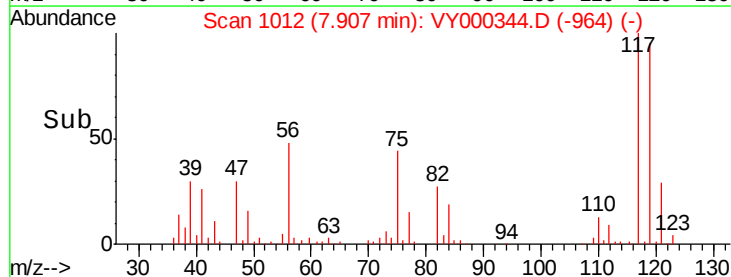
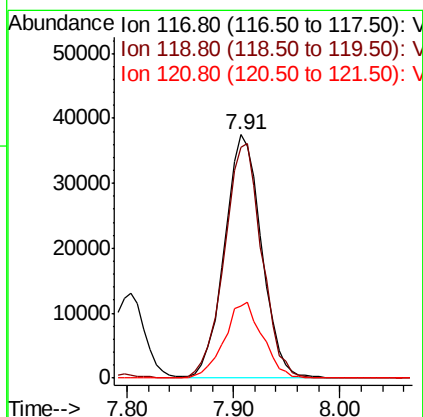
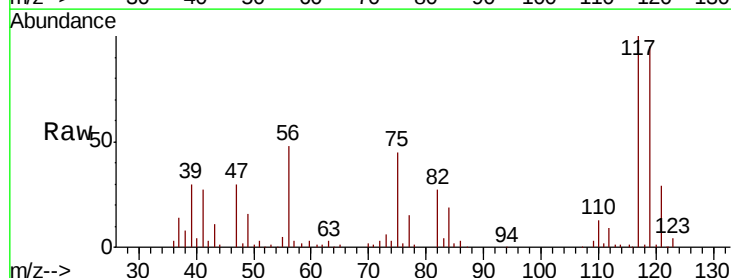
Instrument :
MSVOA_Y
ClientSampleId :

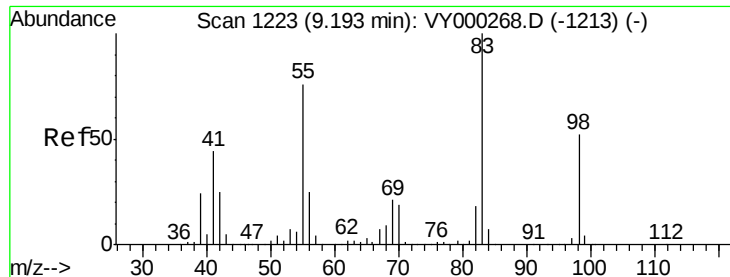
Tot Ion: 43 Resp: 59188
Ion Ratio Lower Upper
43 100
61 13.6 12.1 18.1
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.457 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 117 Resp: 91347
Ion Ratio Lower Upper
117 100
119 94.6 72.8 109.2
121 29.4 22.2 33.2

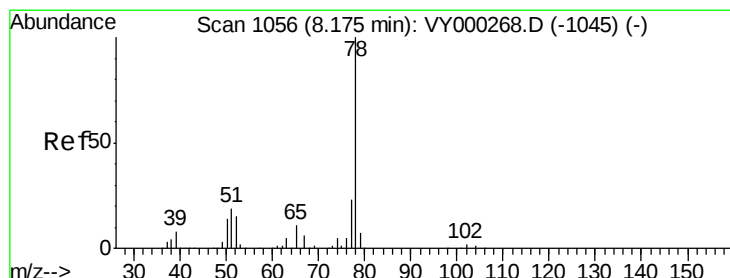
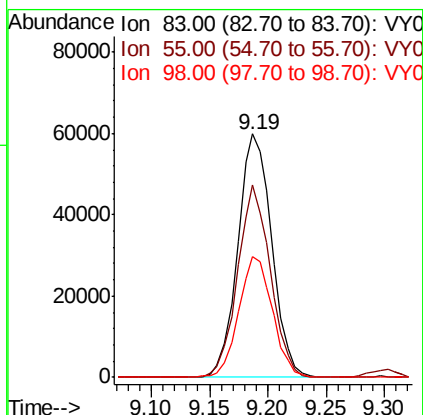
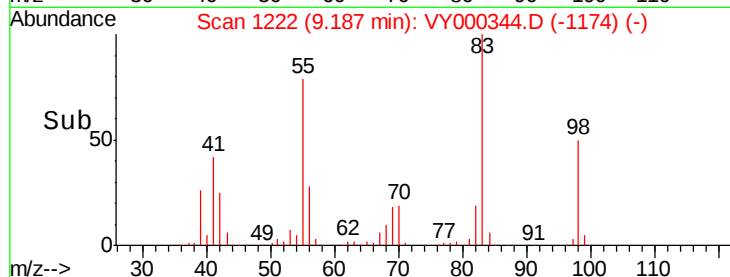
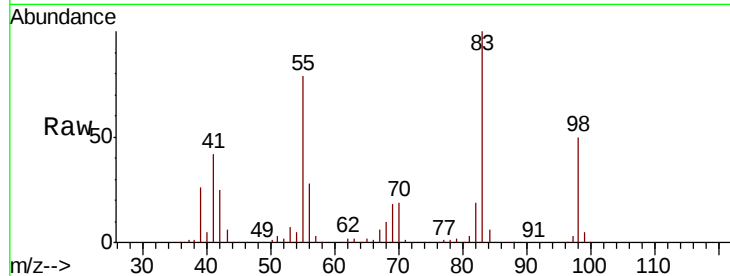




#39
Methvlcvclohexane
Concen: 19.130 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

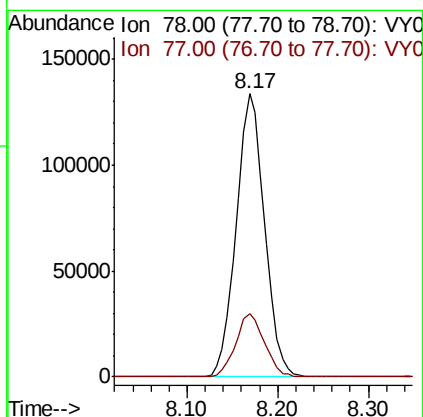
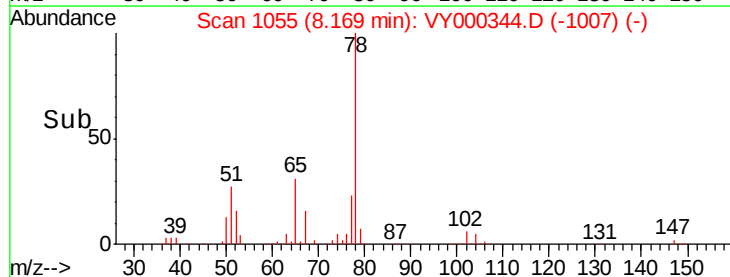
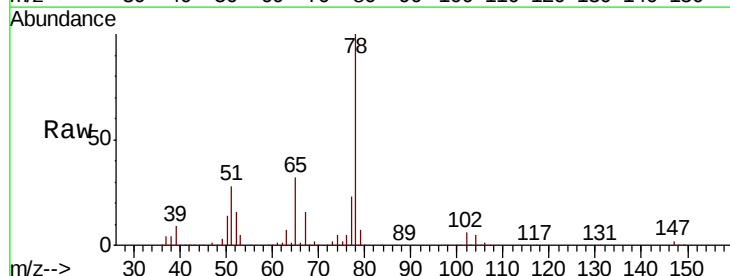
Instrument :
MSVOA_Y
ClientSampleId :

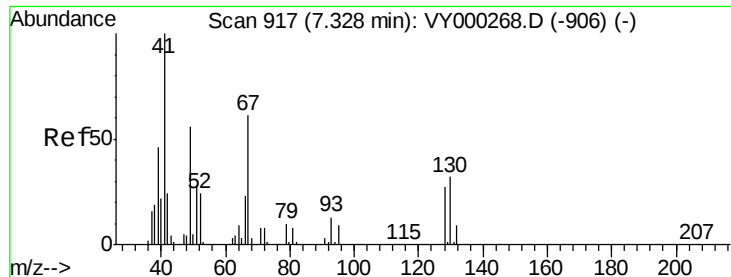
Tot Ion: 83 Resp: 121403
Ion Ratio Lower Upper
83 100
55 79.2 60.9 91.3
98 49.8 41.8 62.6



#40
Benzene
Concen: 20.603 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 78 Resp: 288692
Ion Ratio Lower Upper
78 100
77 22.5 18.8 28.2

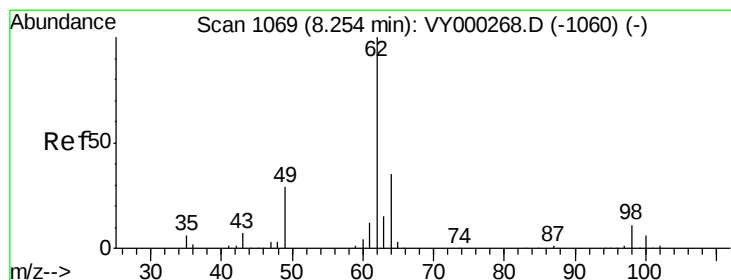
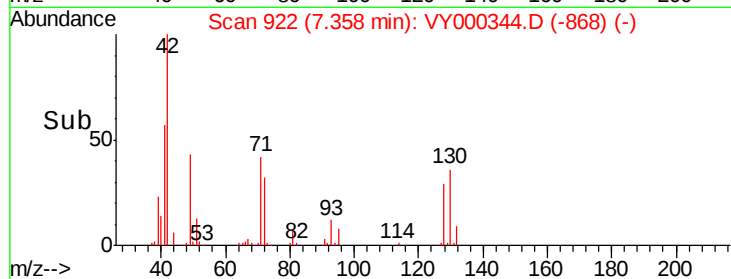
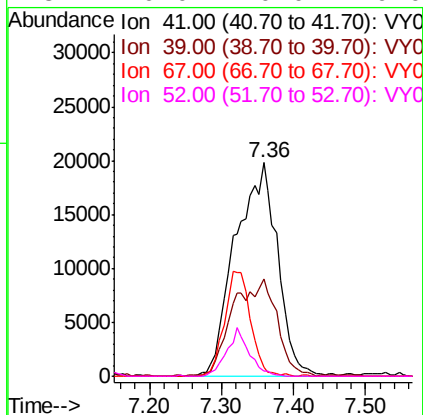
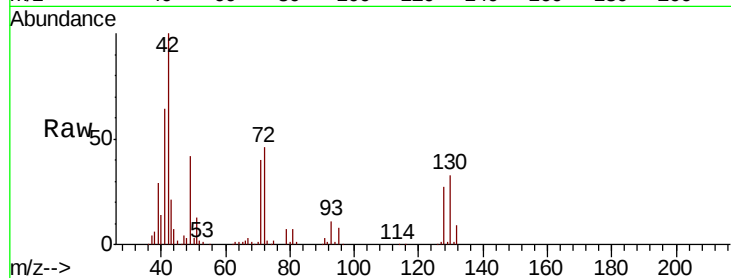




#41
Methacrylonitrile
Concen: 58.837 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

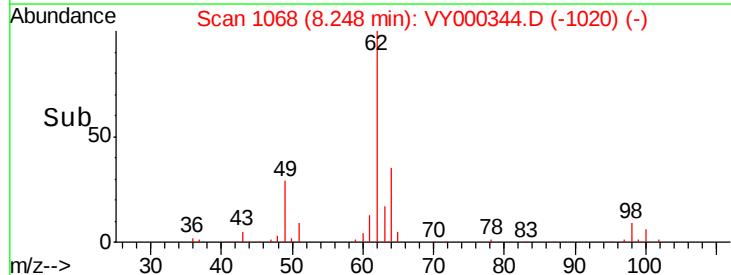
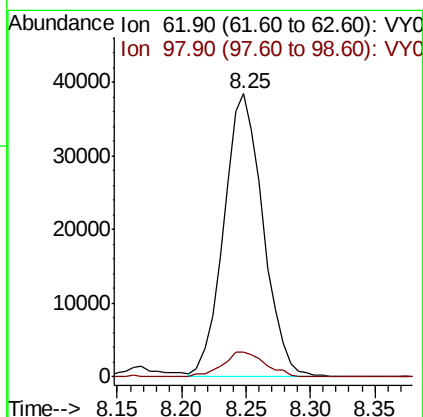
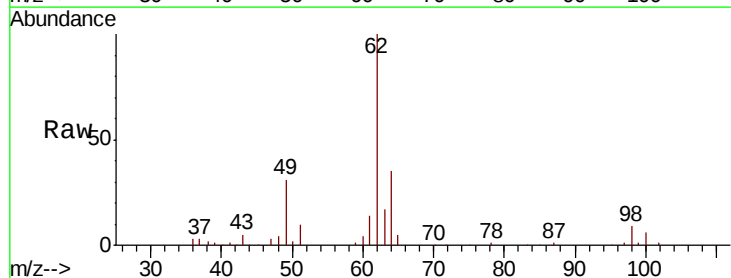
Instrument :
MSVOA_Y
ClientSampleId :

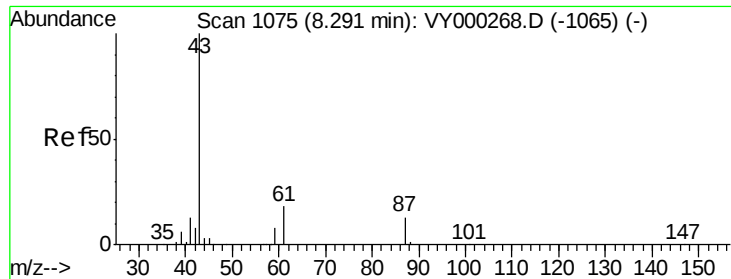
Tot Ion: 41 Resp: 80408
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 62 Resp: 81619
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.670 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

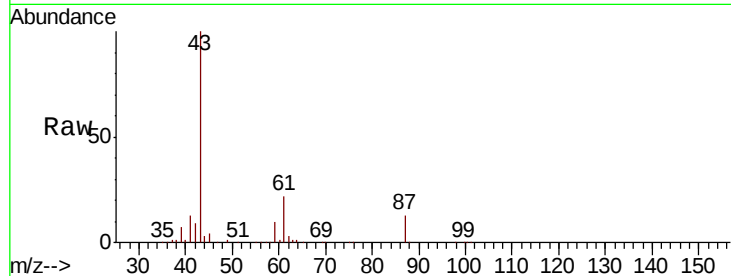
Tot Ion: 43 Resp: 112839

Ion Ratio Lower Upper

43 100

61 29.6 22.3 33.5

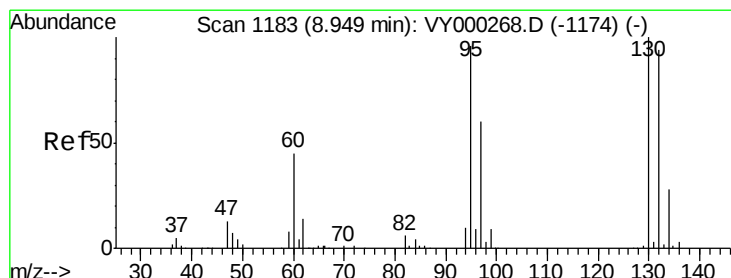
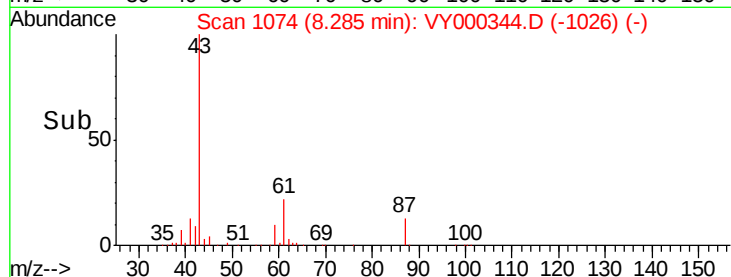
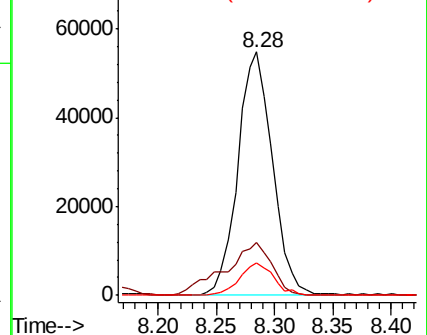
87 13.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000344.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000344.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000344.D (-1074) (-)



#44

Trichloroethene

Concen: 19.312 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000344.D

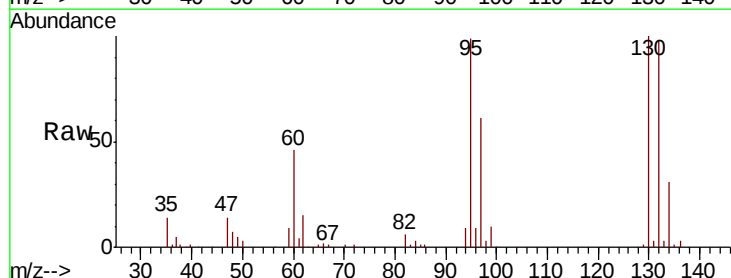
Acq: 18 Oct 2019 11:57

Tgt Ion:130 Resp: 75927

Ion Ratio Lower Upper

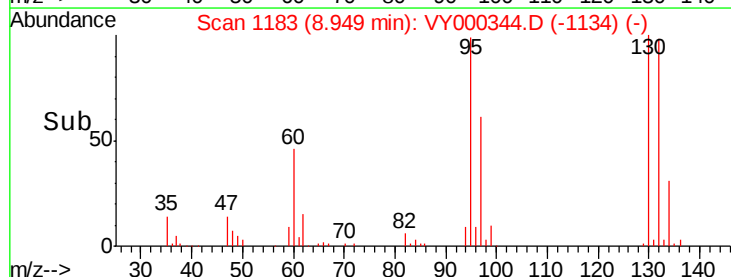
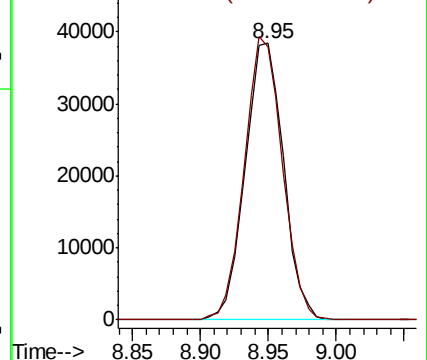
130 100

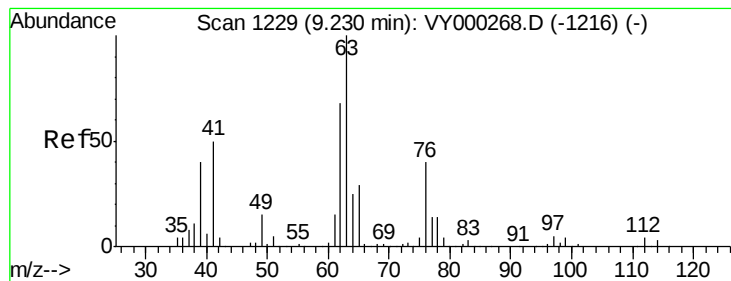
95 98.6 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000344.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000344.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 20.770 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

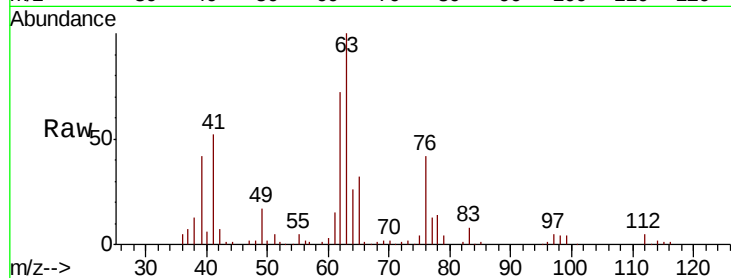
ClientSampled :

Tot Ion: 63 Resp: 71422

Ion Ratio Lower Upper

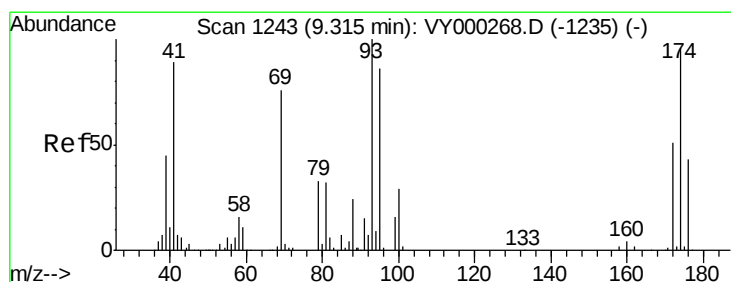
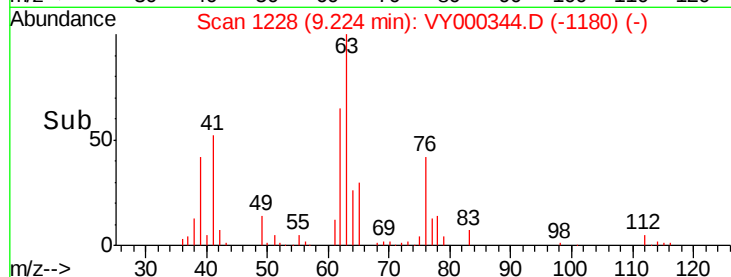
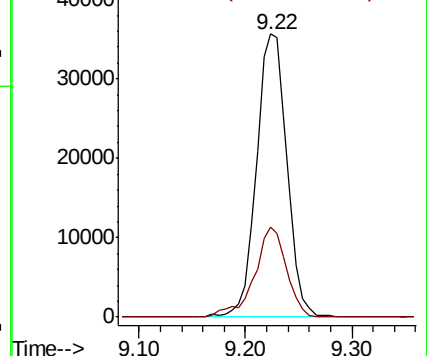
63 100

65 31.8 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: 20.919 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

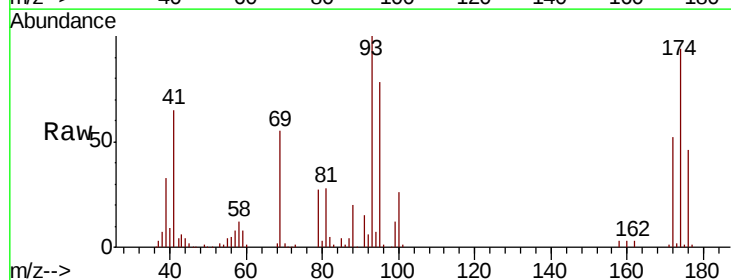
Tgt Ion: 93 Resp: 40212

Ion Ratio Lower Upper

93 100

95 81.2 68.2 102.2

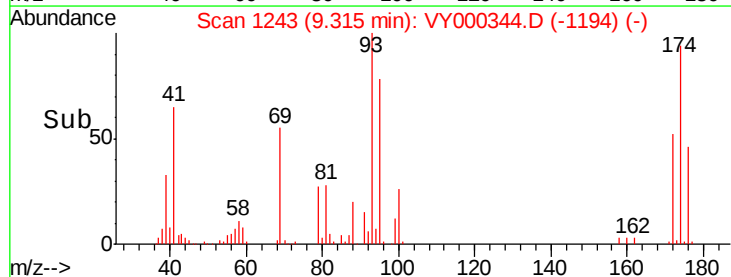
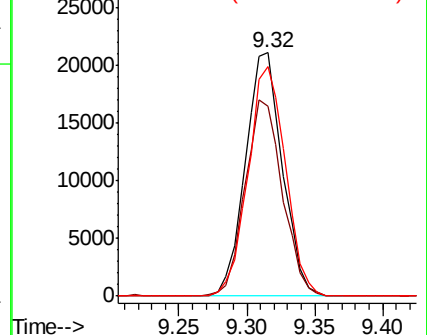
174 95.4 79.8 119.6

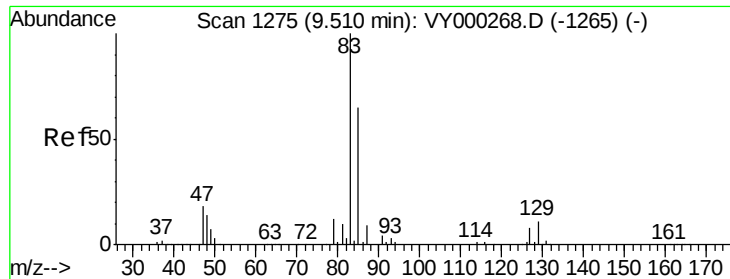


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

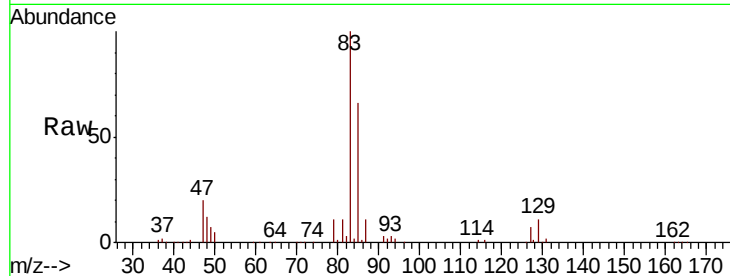




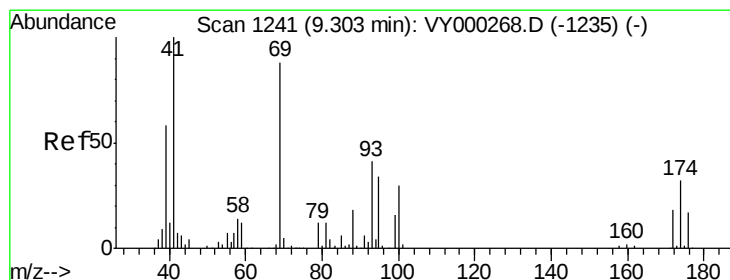
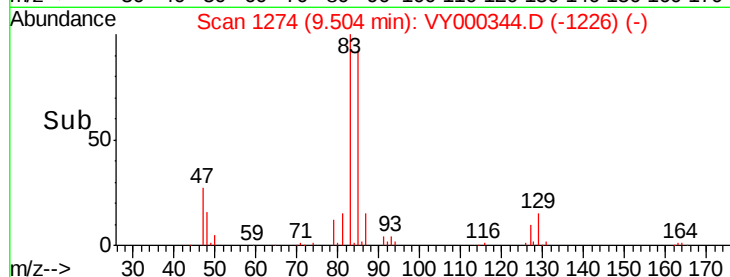
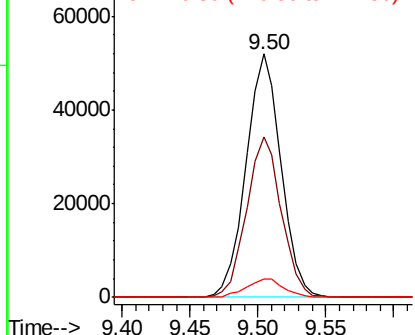
#47
Bromodichloromethane
Concen: 20.626 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 93440
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2
127 7.3 6.3 9.5

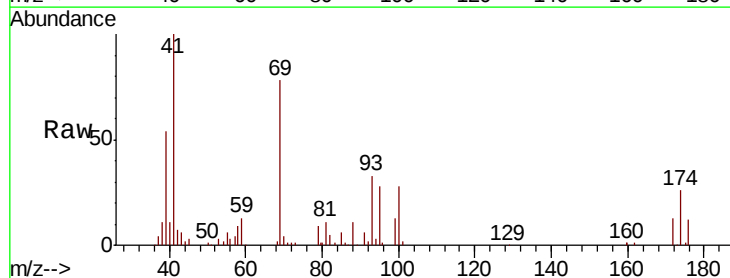


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

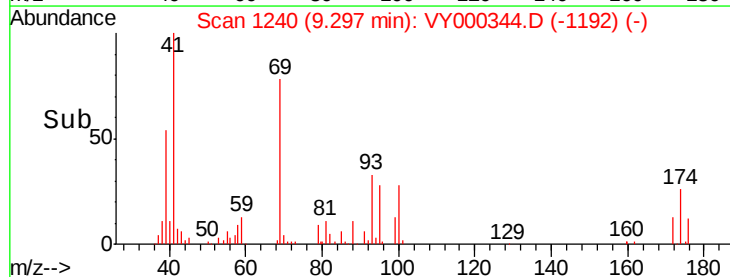
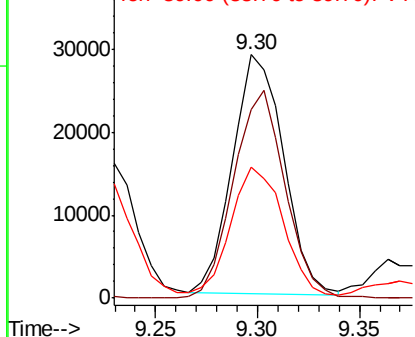


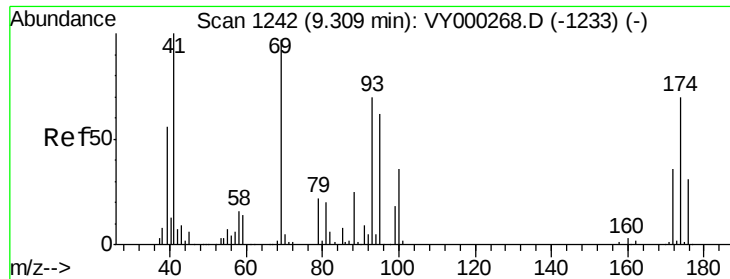
#48
Methyl methacrylate
Concen: 20.817 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 41 Resp: 49803
Ion Ratio Lower Upper
41 100
69 88.5 70.0 105.0
39 54.5 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

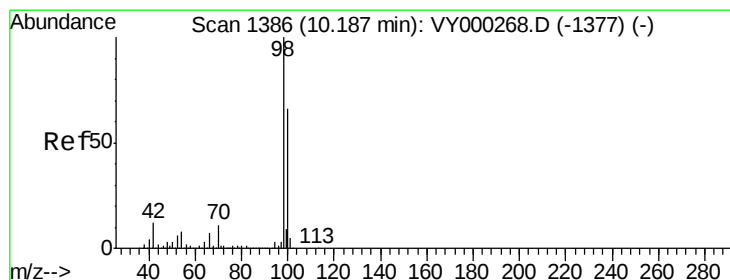
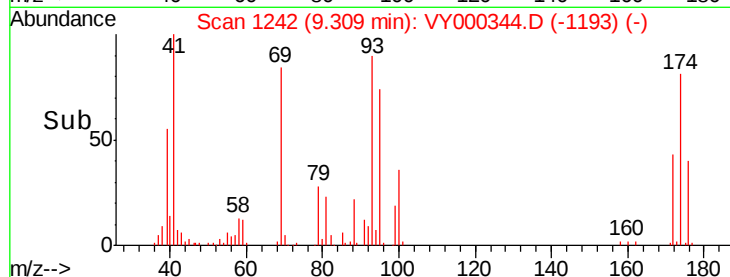
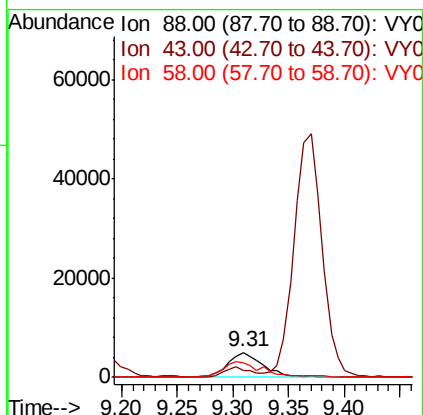
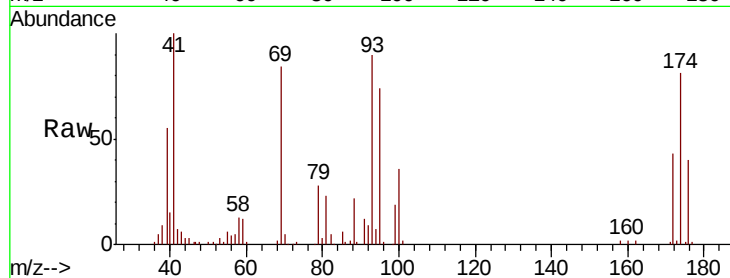




#49
1,4-Dioxane
Concen: 388.725 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

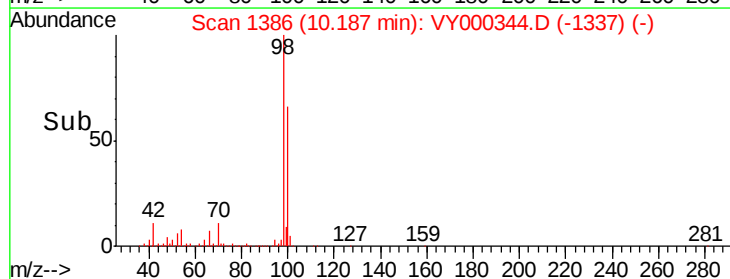
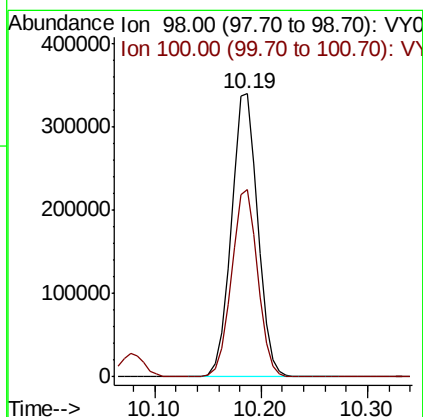
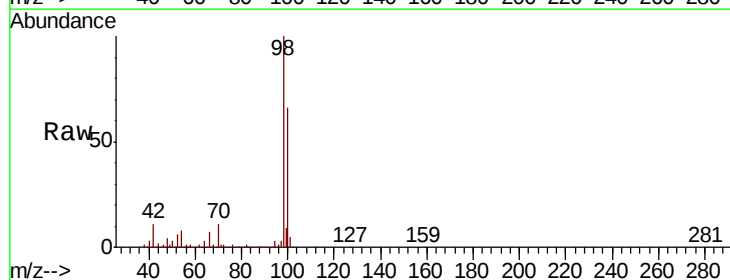
Instrument :
MSVOA_Y
ClientSampleId :

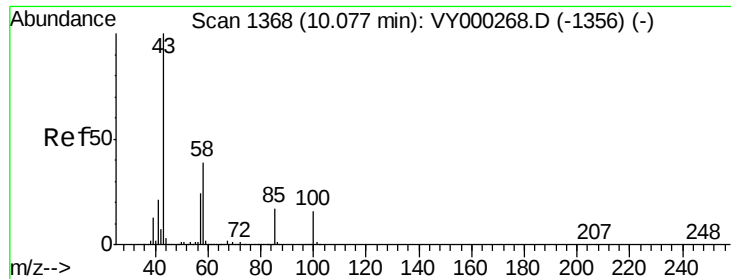
Tot Ion: 88 Resp: 11204
Ion Ratio Lower Upper
88 100
43 26.0 25.6 38.4
58 73.8 54.6 81.8



#50
Toluene-d8
Concen: 51.424 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 98 Resp: 590942
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2

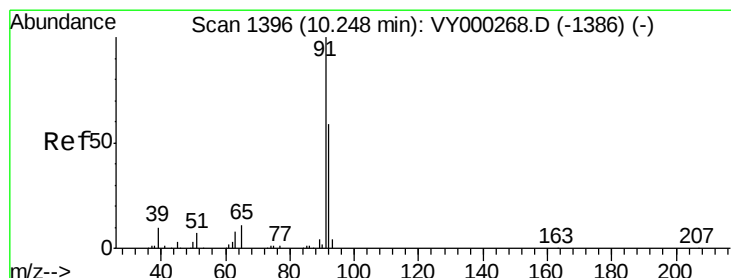
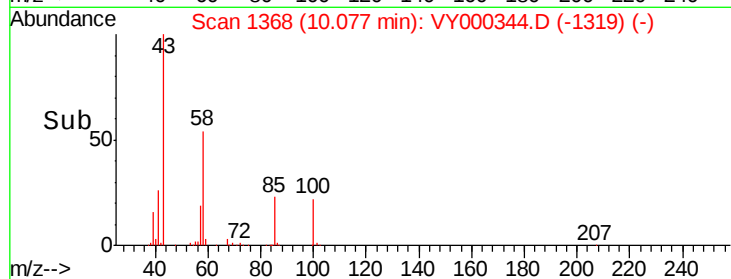
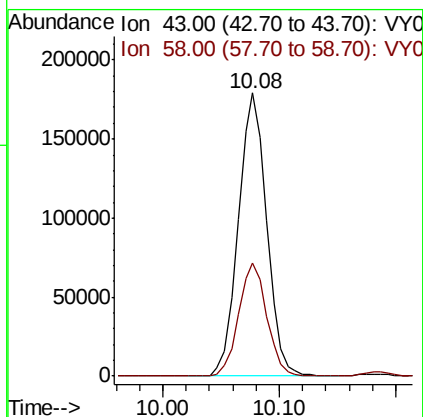
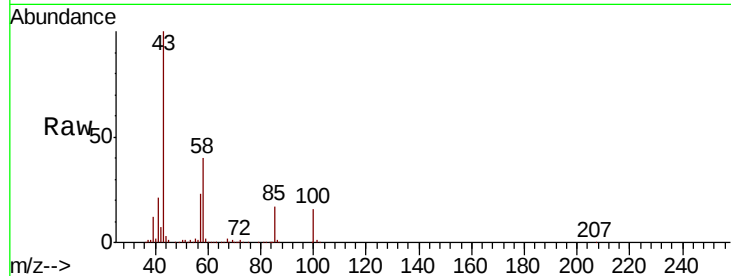




#51
4-Methyl-2-Pentanone
Concen: 107.983 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

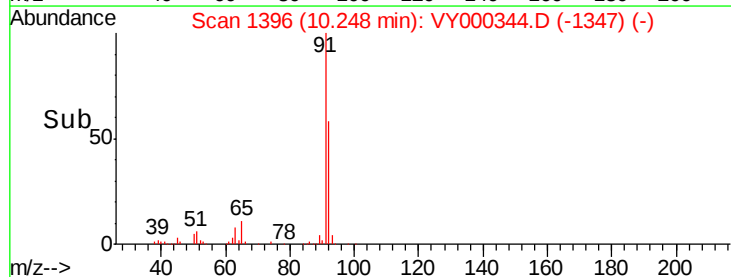
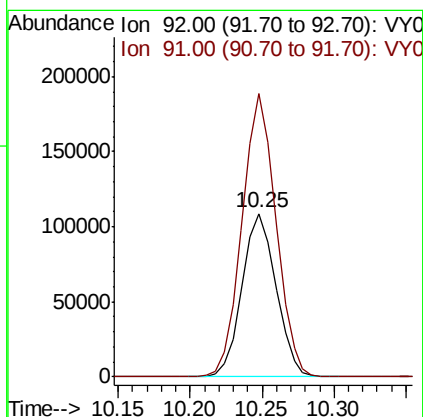
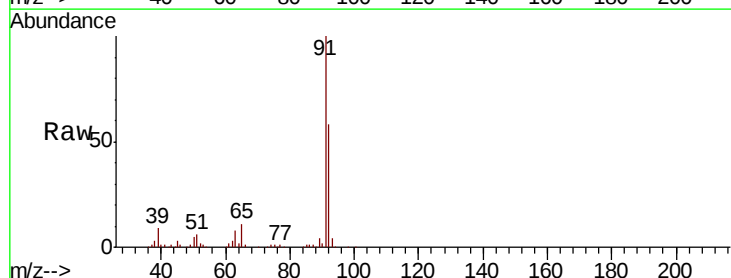
Instrument :
MSVOA_Y
ClientSampled :

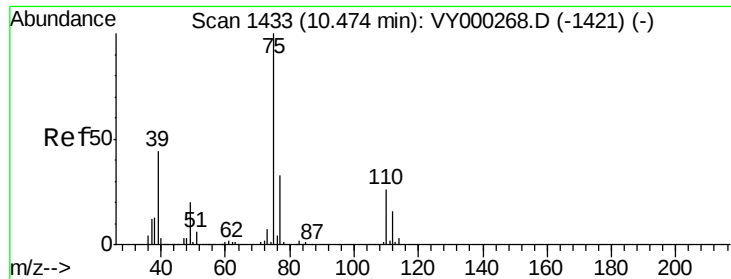
Tot Ion: 43 Resp: 304043
Ion Ratio Lower Upper
43 100
58 39.5 31.0 46.6



#52
Toluene
Concen: 20.076 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 92 Resp: 178603
Ion Ratio Lower Upper
92 100
91 172.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 20.723 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

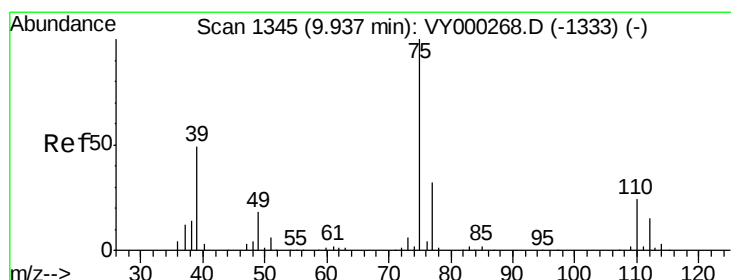
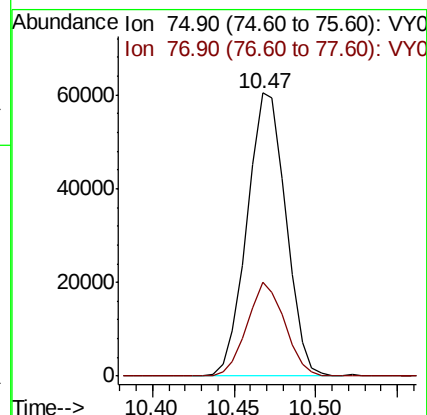
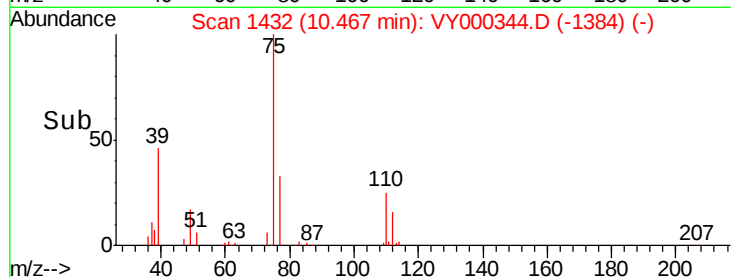
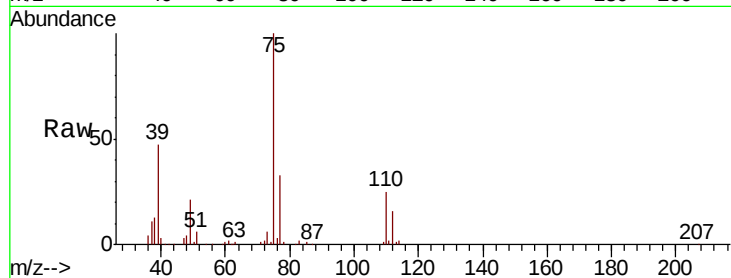
ClientSampleId :

Tot Ion: 75 Resp: 100611

Ion Ratio Lower Upper

75 100

77 33.1 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 20.828 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

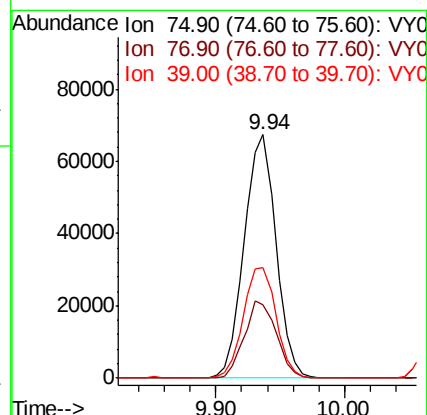
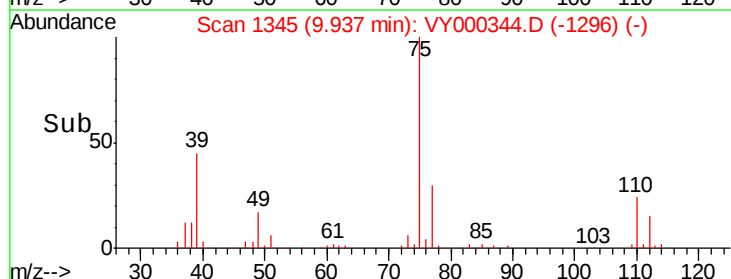
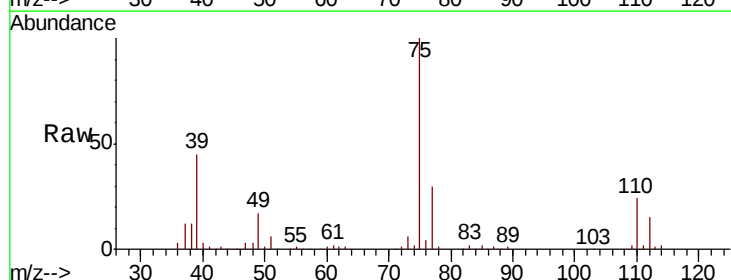
Tgt Ion: 75 Resp: 114840

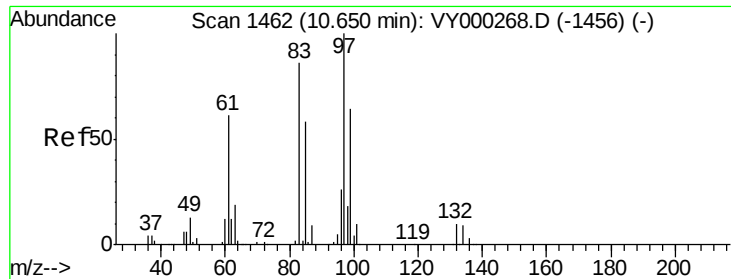
Ion Ratio Lower Upper

75 100

77 30.3 26.0 39.0

39 45.3 38.8 58.2

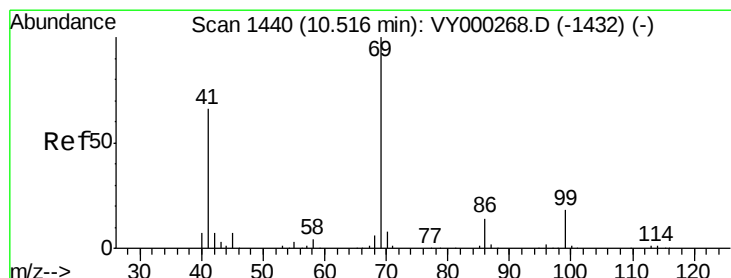
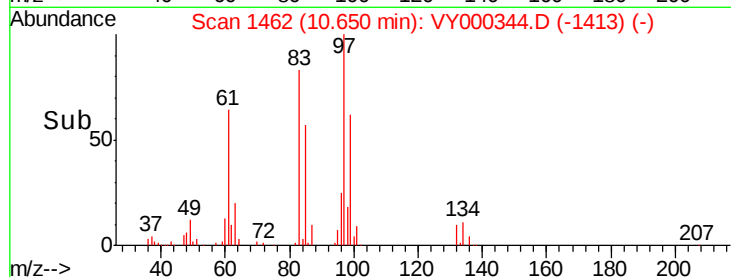
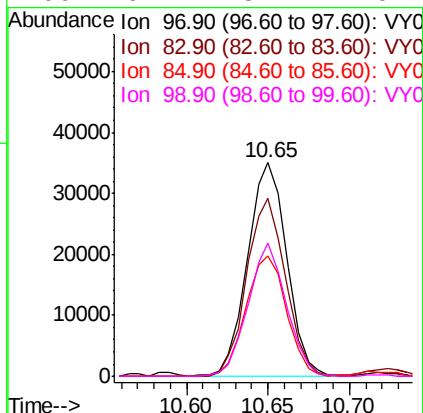
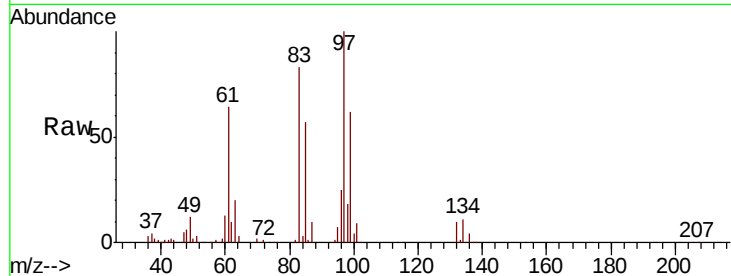




#55
 1,1,2-Trichloroethane
 Concen: 20.969 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

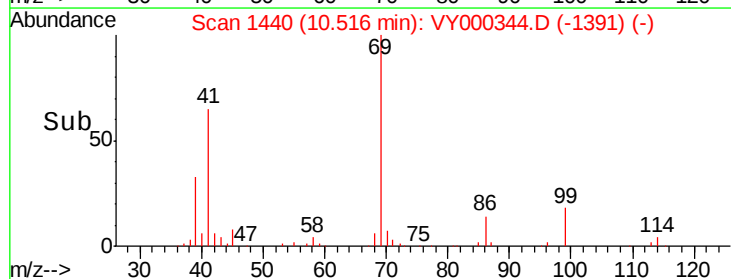
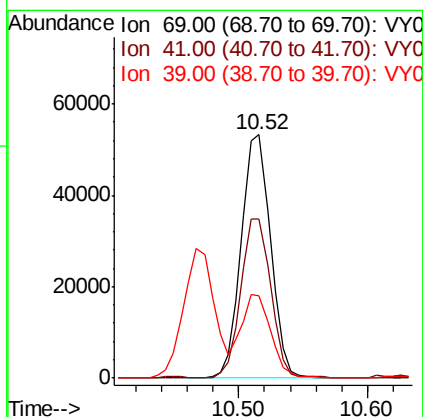
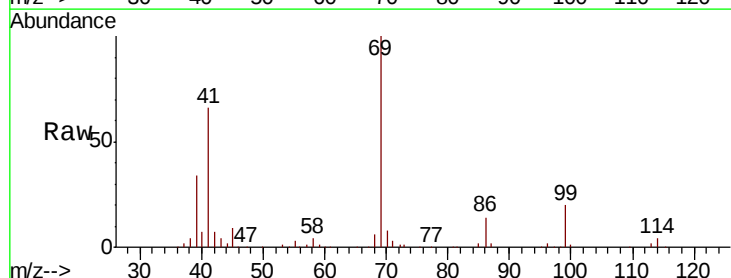
Instrument :
 MSVOA_Y
 ClientSampled :

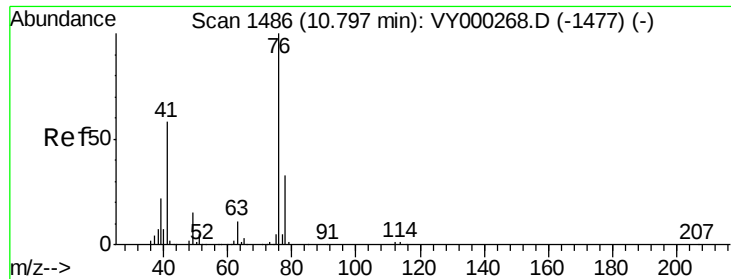
Tot Ion: 97 Resp: 58608
 Ion Ratio Lower Upper
 97 100
 83 83.4 69.0 103.6
 85 56.5 46.2 69.4
 99 62.1 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 21.088 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion: 69 Resp: 84011
 Ion Ratio Lower Upper
 69 100
 41 66.1 52.5 78.7
 39 35.2 26.7 40.1

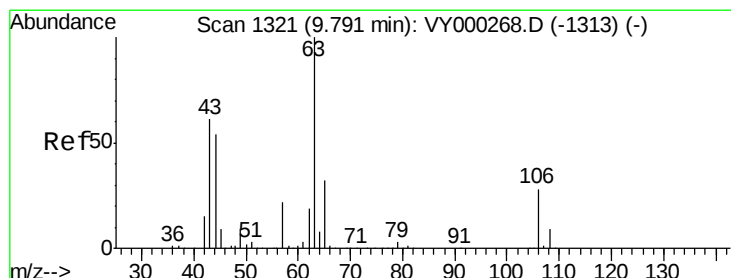
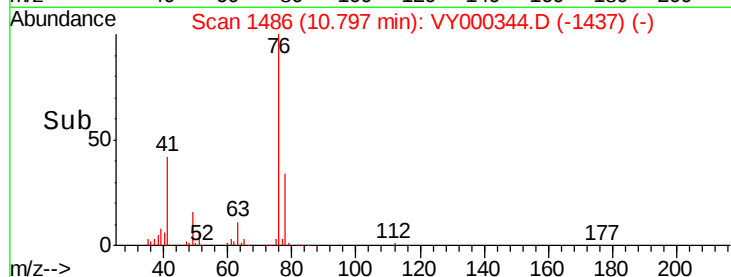
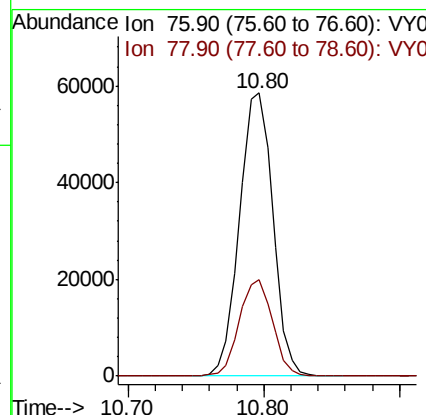
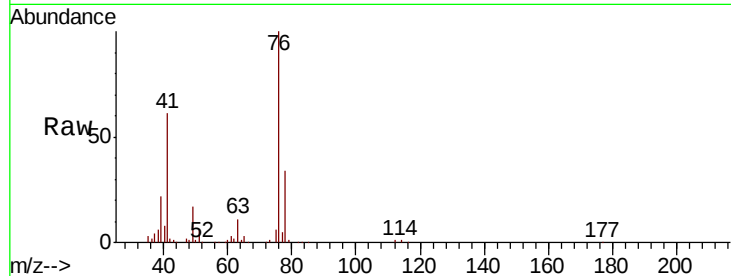




#57
 1,3-Dichloropropane
 Concen: 20.961 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

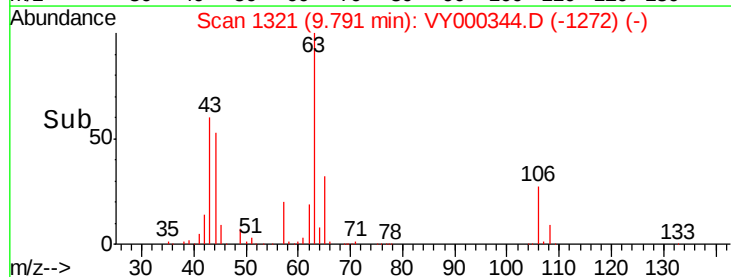
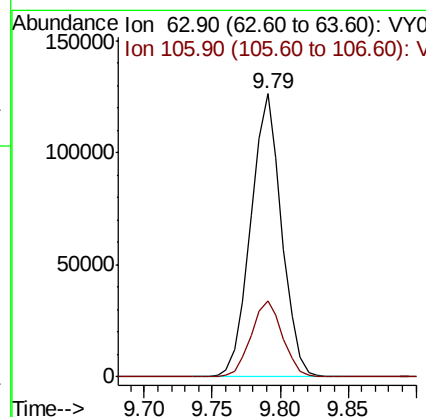
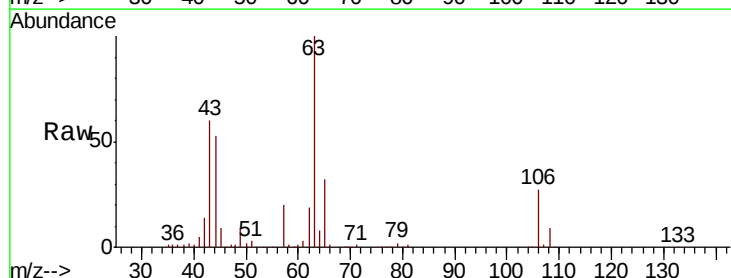
Instrument :
 MSVOA_Y
 ClientSampleId :

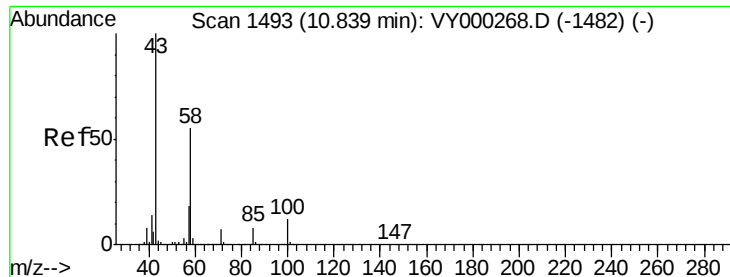
Tot Ion: 76 Resp: 100613
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 126.094 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion: 63 Resp: 200366
 Ion Ratio Lower Upper
 63 100
 106 27.5 23.0 34.4





#59

2-Hexanone

Concen: 112.188 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

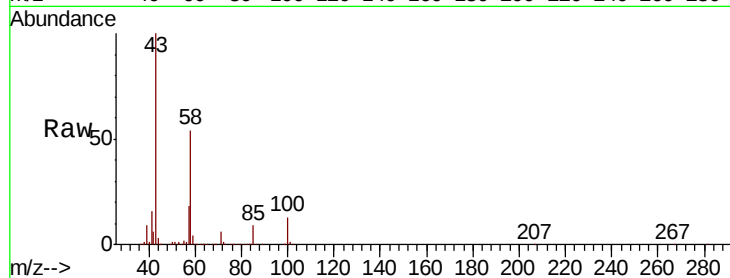
ClientSampleId :

Tot Ion: 43 Resp: 221721

Ion Ratio Lower Upper

43 100

58 54.3 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VY000344.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY000344.D (-1482) (-)

10.84

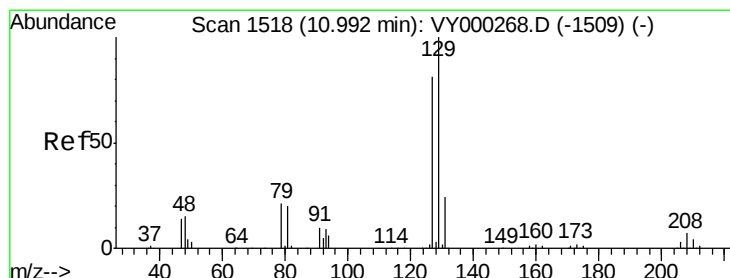
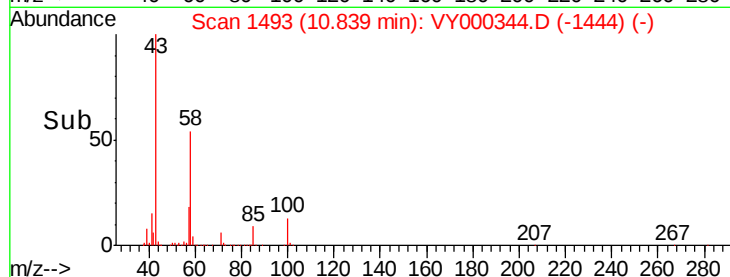
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 20.450 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY000344.D

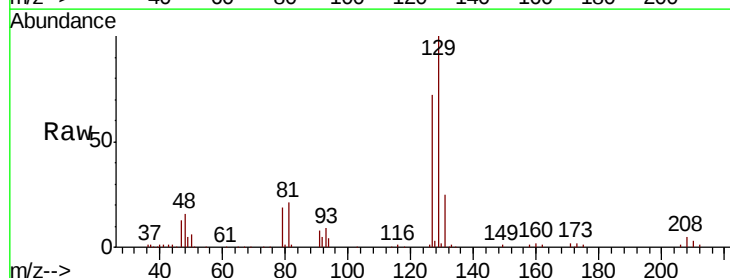
Acq: 18 Oct 2019 11:57

Tgt Ion: 129 Resp: 63351

Ion Ratio Lower Upper

129 100

127 77.8 39.9 119.7



Abundance Ion 128.80 (128.50 to 129.50): VY000344.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY000344.D (-1509) (-)

10.99

40000

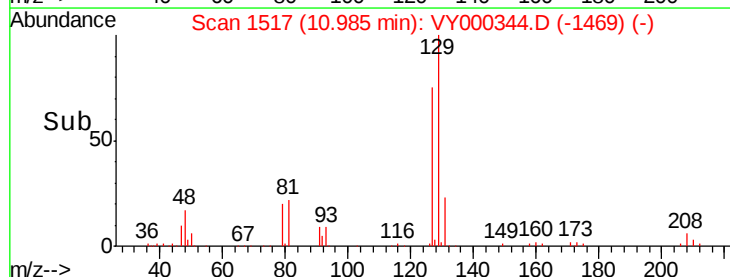
30000

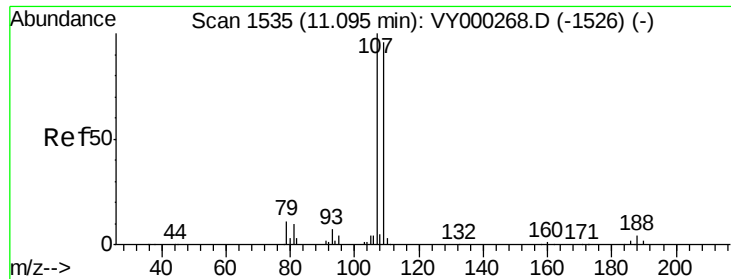
20000

10000

0

Time-->

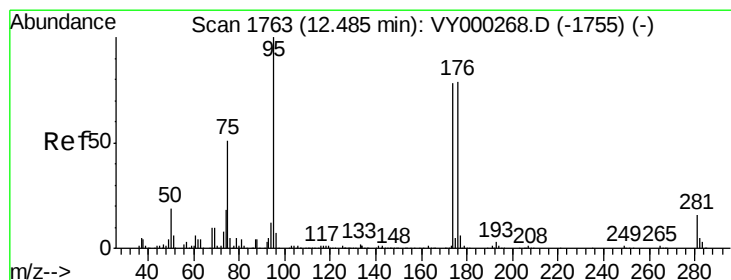
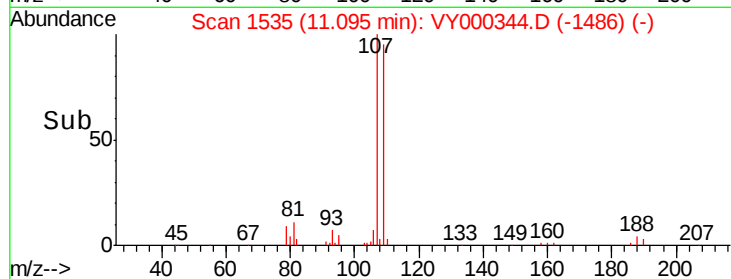
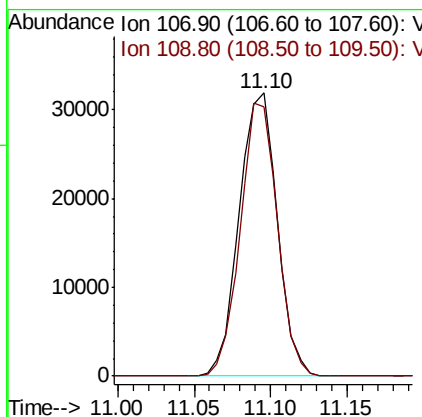
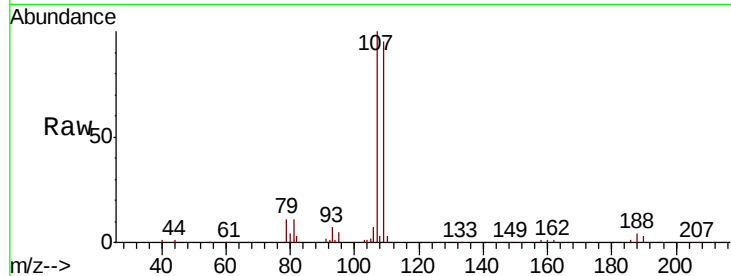




#61
 1,2-Dibromoethane
 Concen: 20.569 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

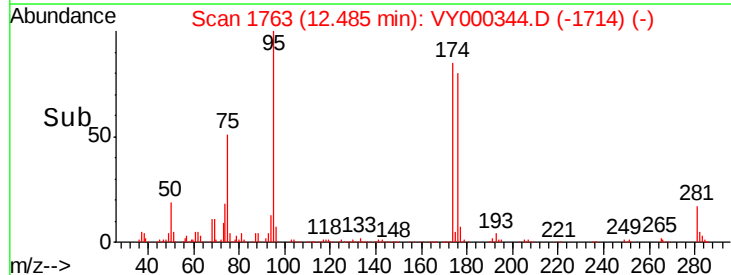
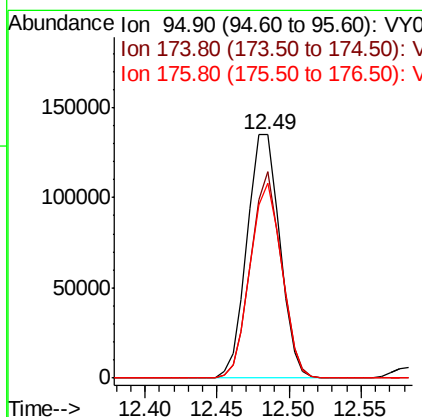
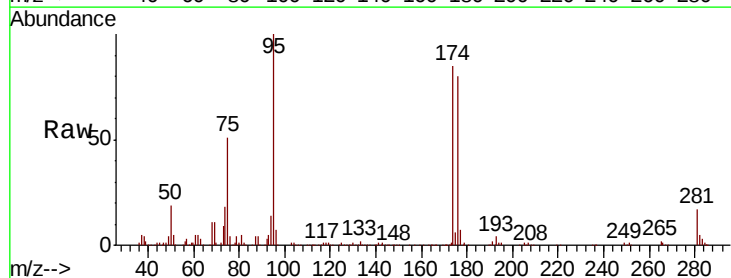
Instrument :
 MSVOA_Y
 ClientSampleId :

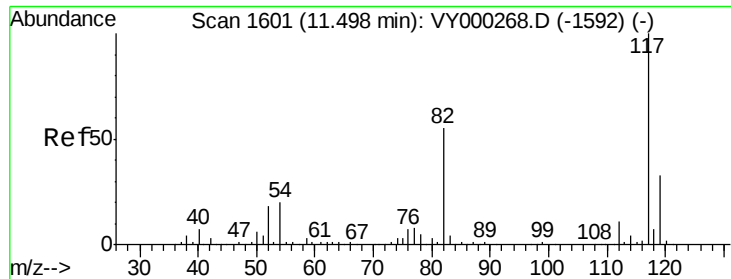
Tot Ion: 107 Resp: 55200
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.818 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion: 95 Resp: 213129
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 159.6
 176 77.5 0.0 153.8

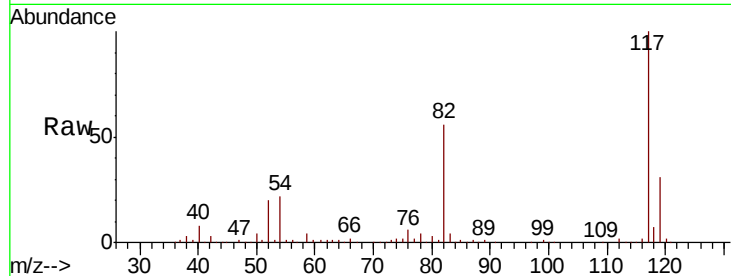




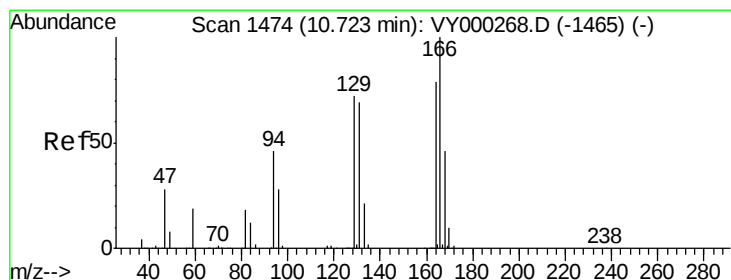
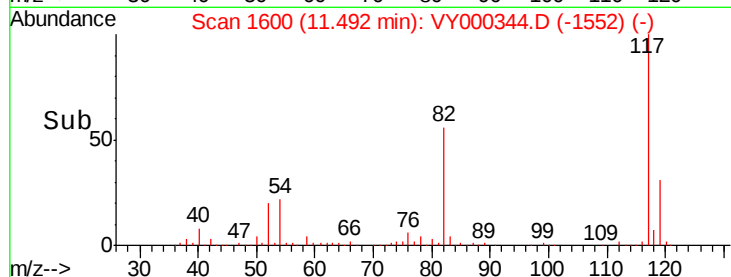
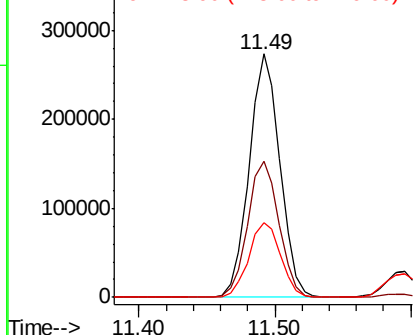
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 433318
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 30.9 26.6 39.8



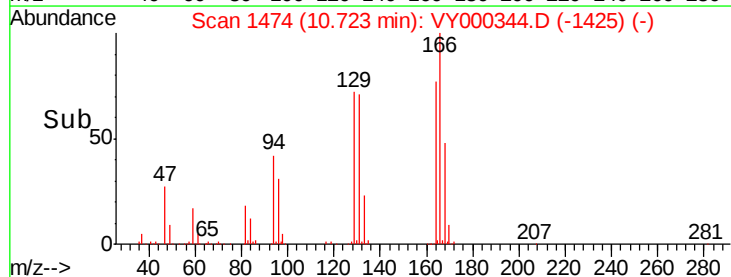
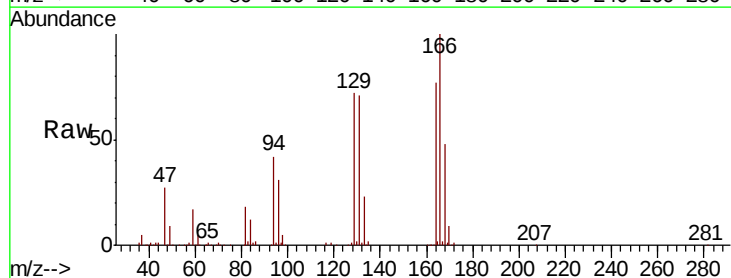
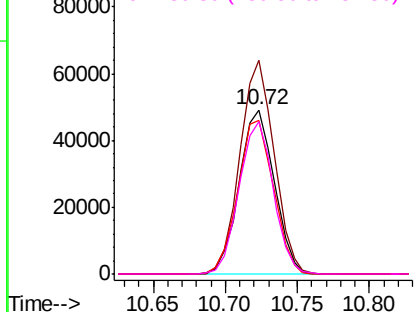
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

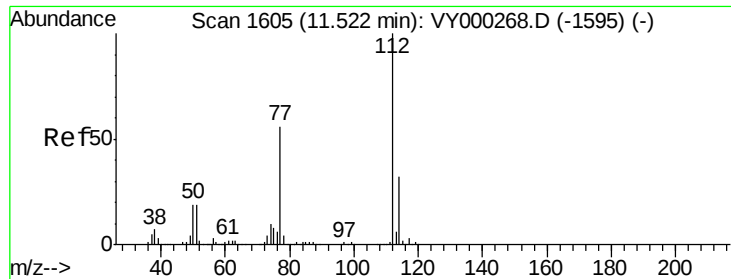


#64
Tetrachloroethene
Concen: 20.114 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion:164 Resp: 82976
Ion Ratio Lower Upper
164 100
166 130.1 100.6 151.0
129 93.3 72.8 109.2
131 92.8 69.4 104.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

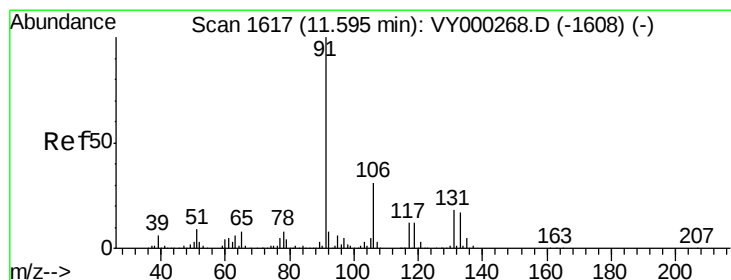
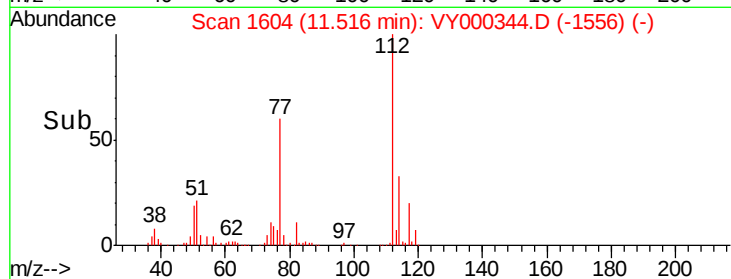
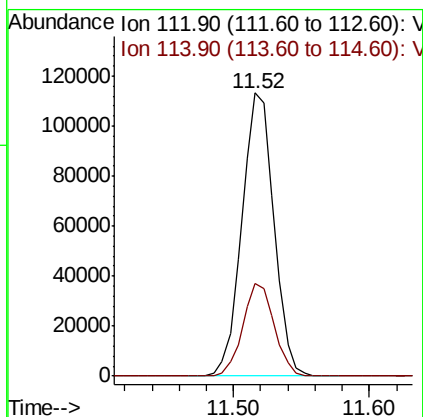
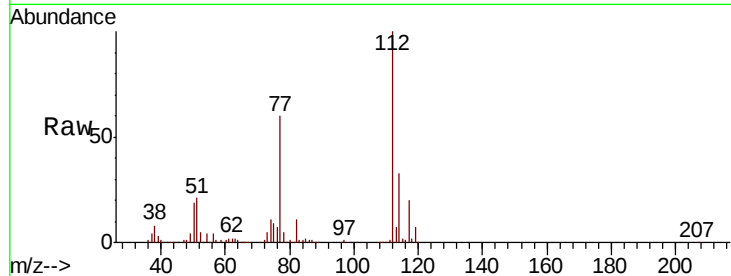




#65
Chlorobenzene
Concen: 20.380 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

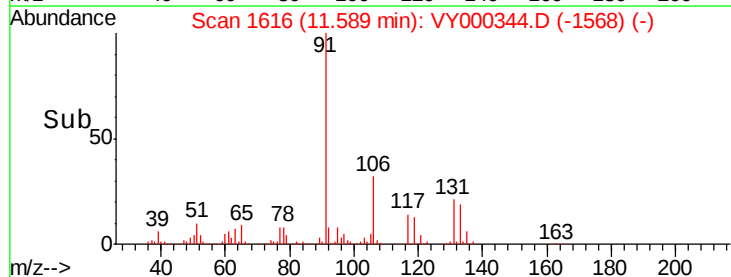
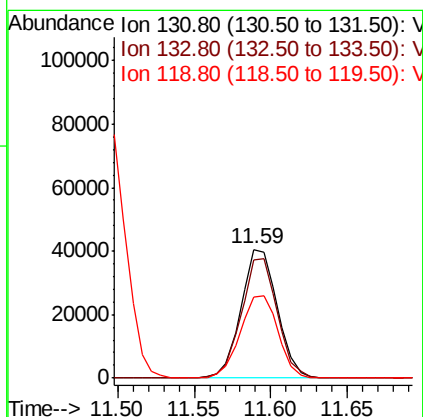
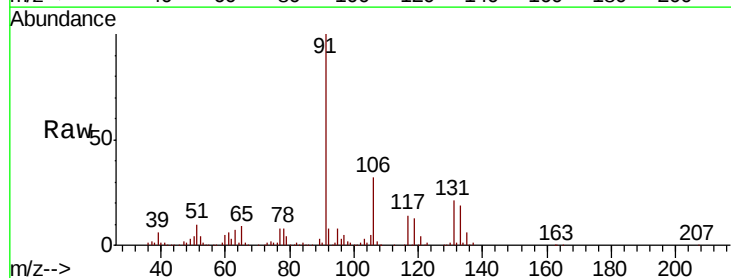
Instrument :
MSVOA_Y
ClientSampleId :

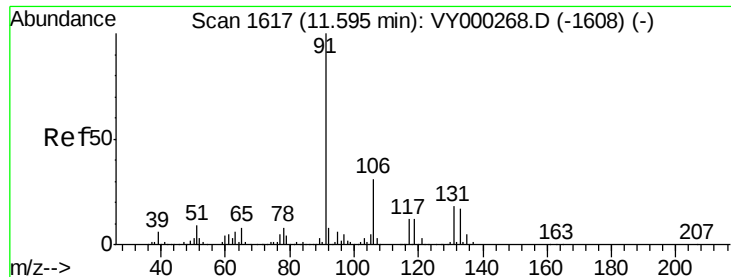
Tot Ion:112 Resp: 186370
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.664 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion:131 Resp: 66382
Ion Ratio Lower Upper
131 100
133 92.4 47.2 141.6
119 66.7 32.6 98.0

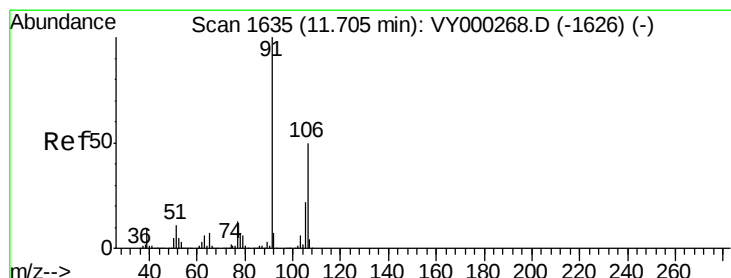
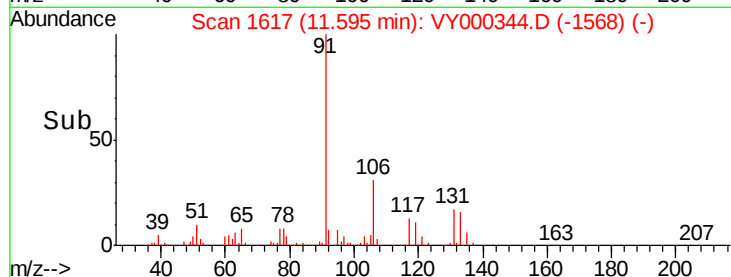
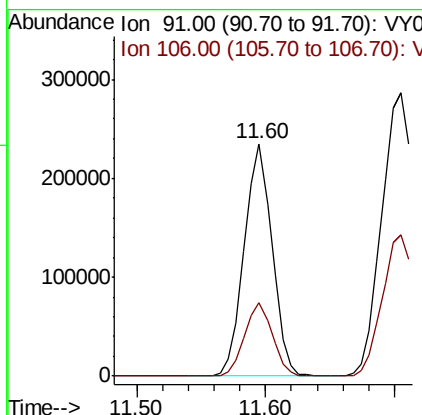
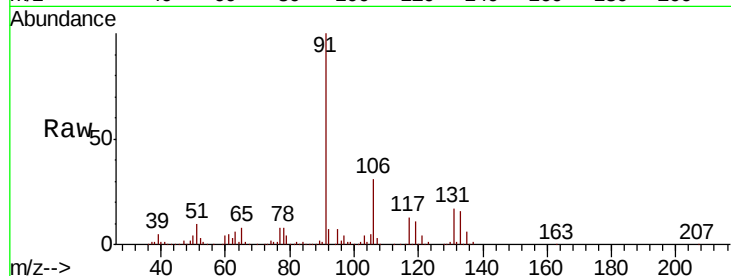




#67
Ethyl Benzene
Concen: 20.653 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

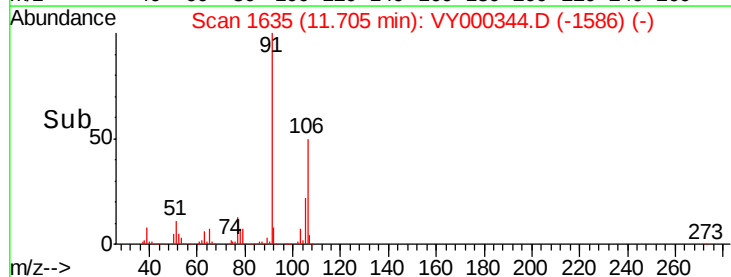
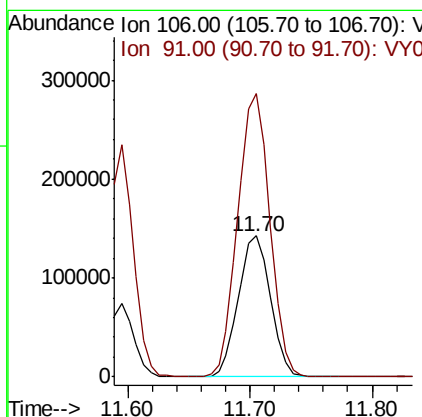
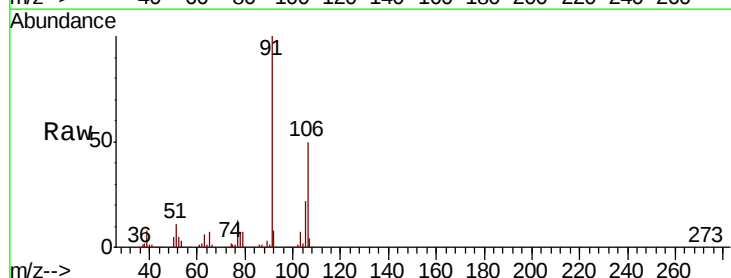
Instrument :
MSVOA_Y
ClientSampleId :

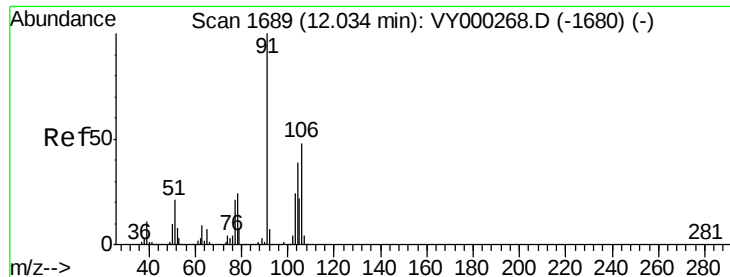
Tot Ion: 91 Resp: 350127
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 40.156 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 106 Resp: 260237
Ion Ratio Lower Upper
106 100
91 200.7 157.5 236.3

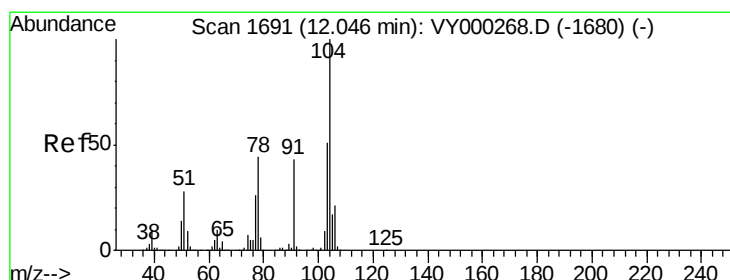
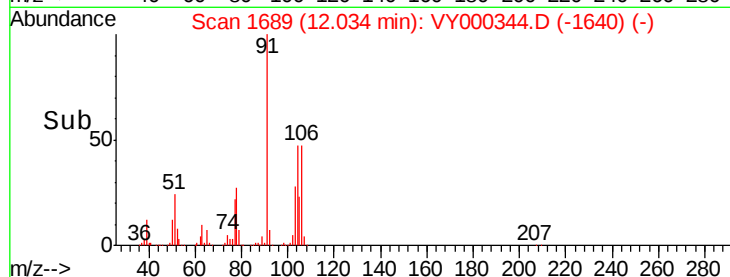
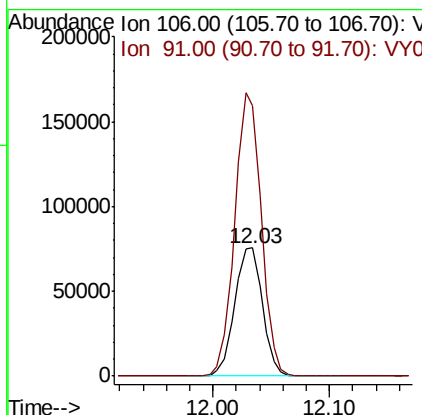
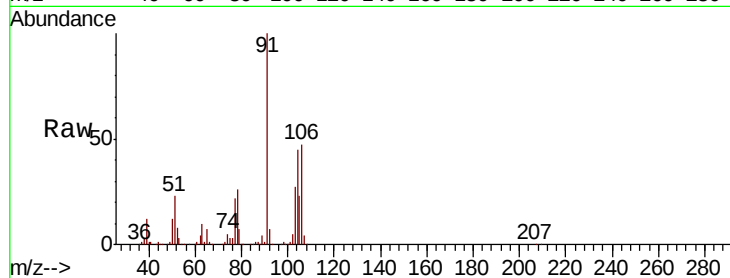




#69
o-Xylene
Concen: 20.404 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

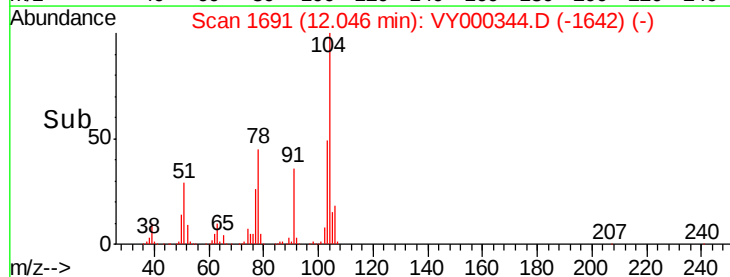
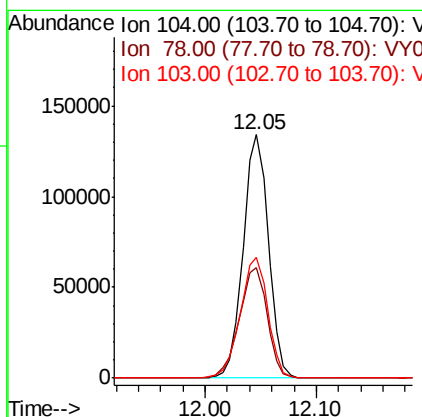
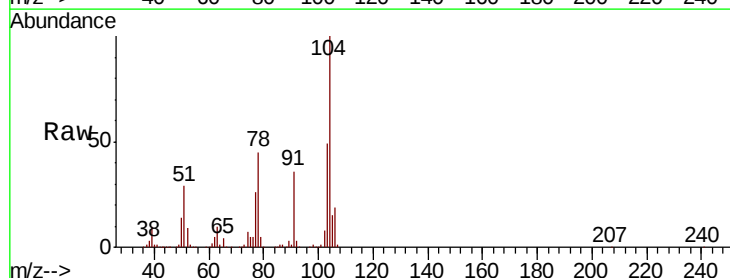
Instrument :
MSVOA_Y
ClientSampleId :

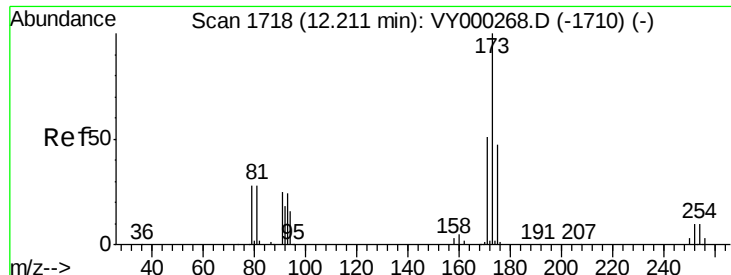
Tot Ion:106 Resp: 126145
Ion Ratio Lower Upper
106 100
91 210.5 104.7 313.9



#70
Styrene
Concen: 20.277 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion:104 Resp: 211420
Ion Ratio Lower Upper
104 100
78 50.3 39.0 58.6
103 53.8 43.1 64.7





#71

Bromoform

Concen: 21.219 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

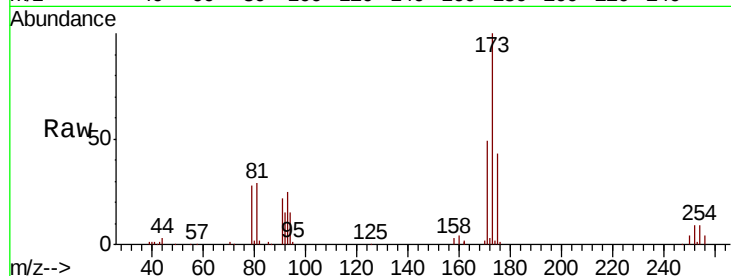
Tot Ion:173 Resp: 39185

Ion Ratio Lower Upper

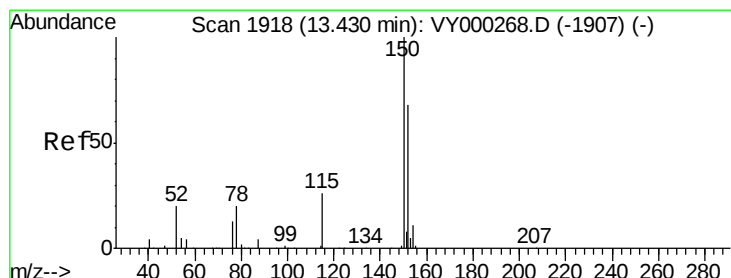
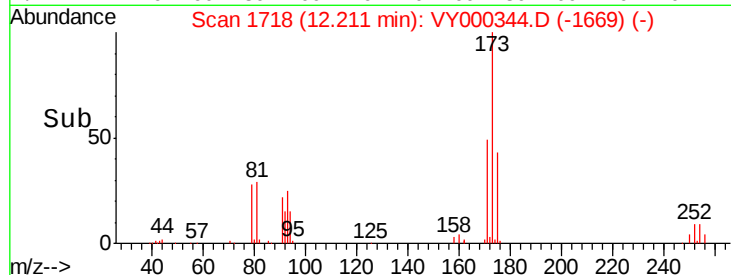
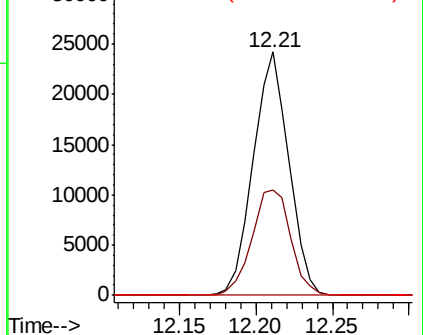
173 100

175 47.4 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: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

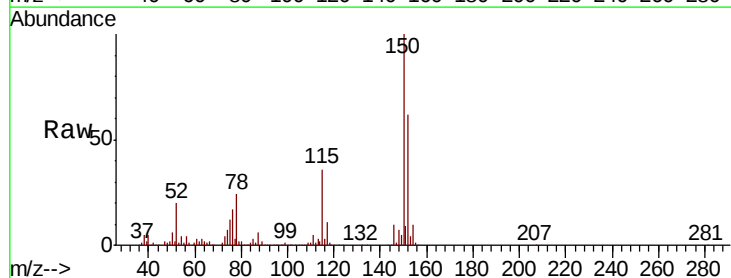
Tgt Ion:152 Resp: 210221

Ion Ratio Lower Upper

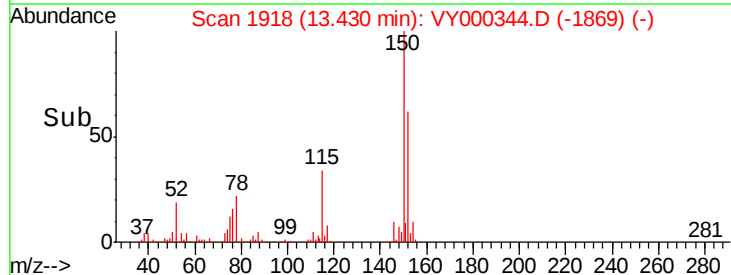
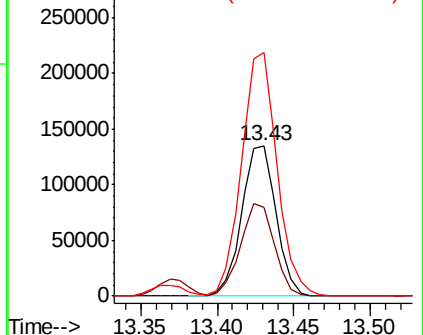
152 100

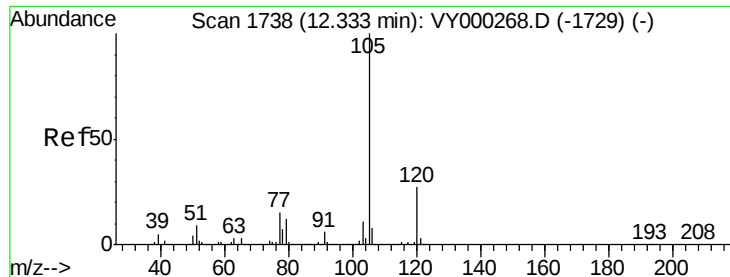
115 60.8 29.3 88.0

150 167.9 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: 20.541 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

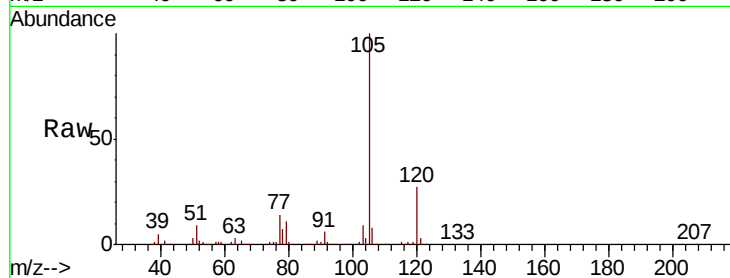
ClientSampleId :

Tot Ion:105 Resp: 336695

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

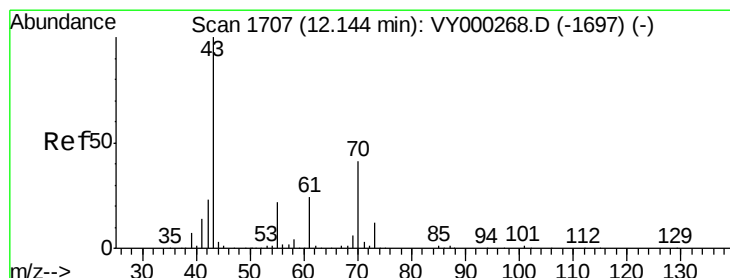
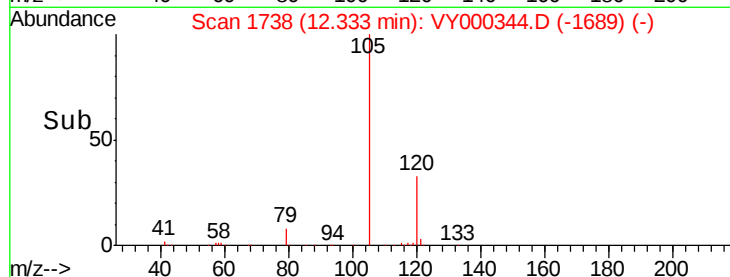
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 23.539 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Tgt Ion: 43 Resp: 94724

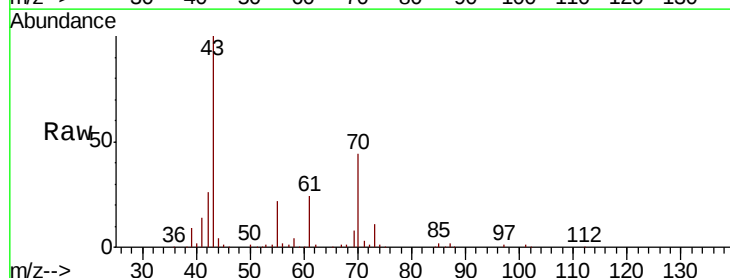
Ion Ratio Lower Upper

43 100

70 44.8 32.9 49.3

55 23.9 17.8 26.6

61 25.3 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

100000

80000

60000

40000

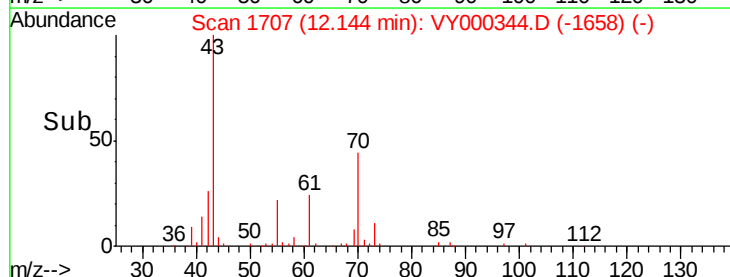
20000

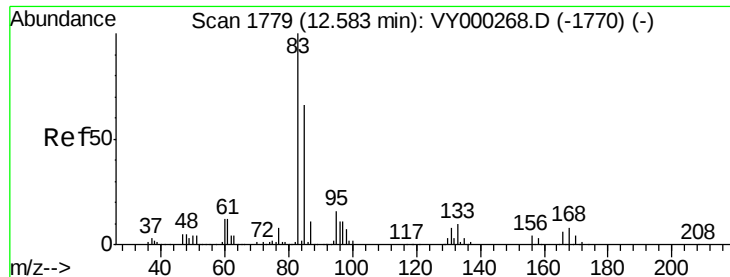
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.586 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampled :

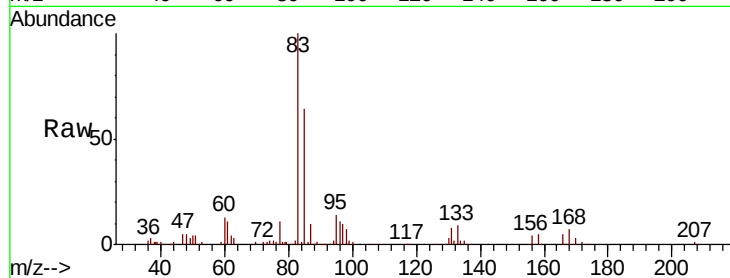
Tot Ion: 83 Resp: 66435

Ion Ratio Lower Upper

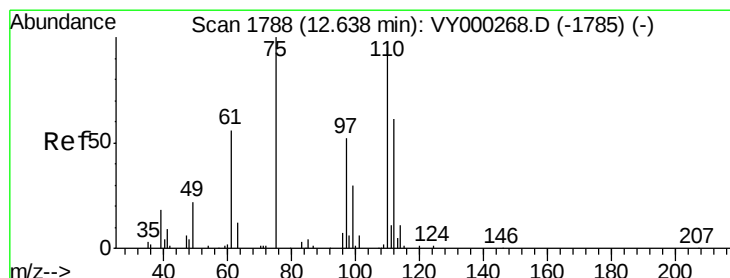
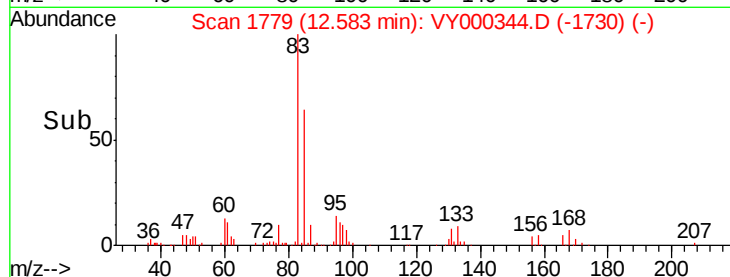
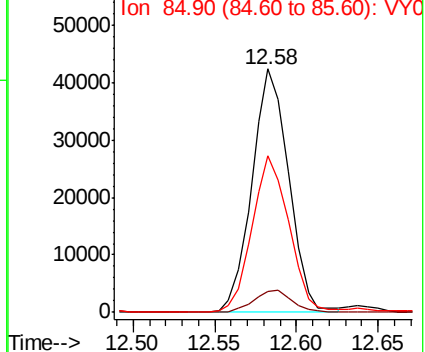
83 100

131 9.5 5.3 16.1

85 64.3 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: 36.398 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000344.D

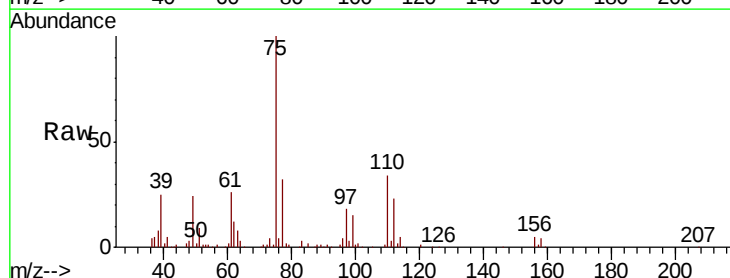
Acq: 18 Oct 2019 11:57

Tgt Ion: 75 Resp: 94089

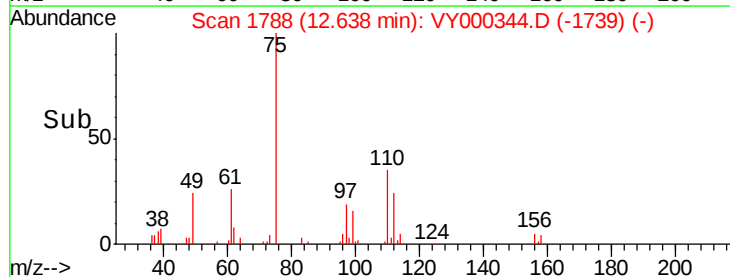
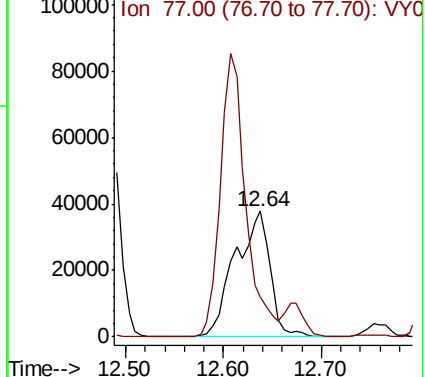
Ion Ratio Lower Upper

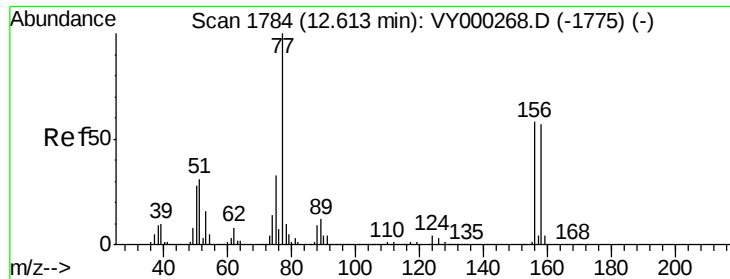
75 100

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: 21.043 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

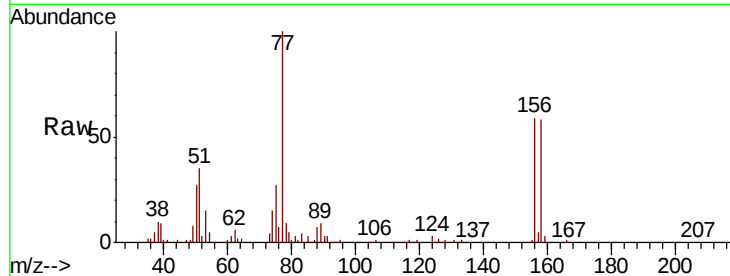
Tot Ion:156 Resp: 76753

Ion Ratio Lower Upper

156 100

77 200.5 101.0 302.9

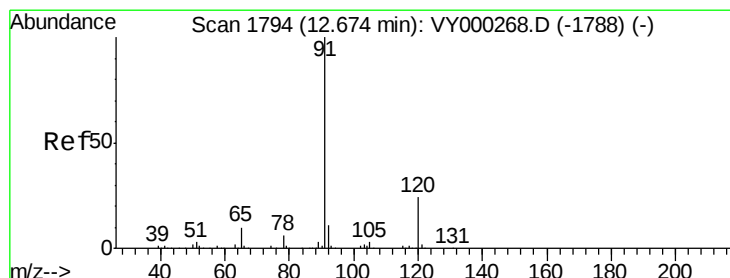
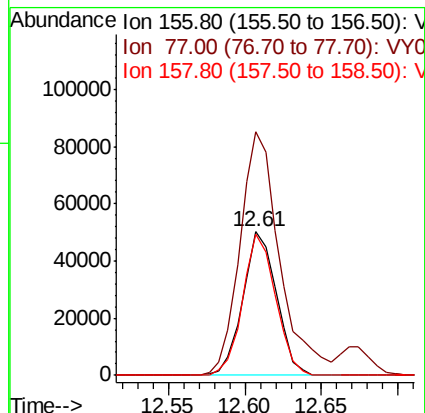
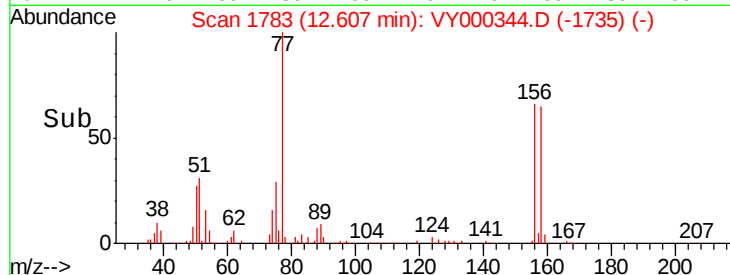
158 96.8 49.7 149.1



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: 20.487 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000344.D

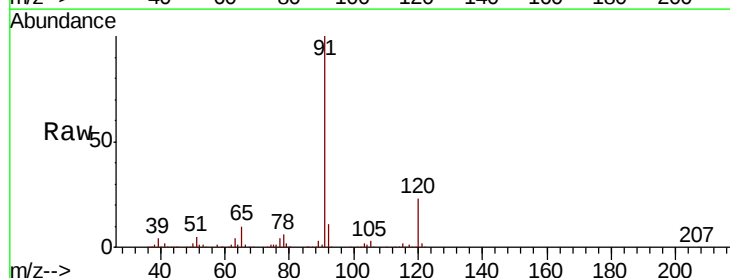
Acq: 18 Oct 2019 11:57

Tgt Ion: 91 Resp: 403202

Ion Ratio Lower Upper

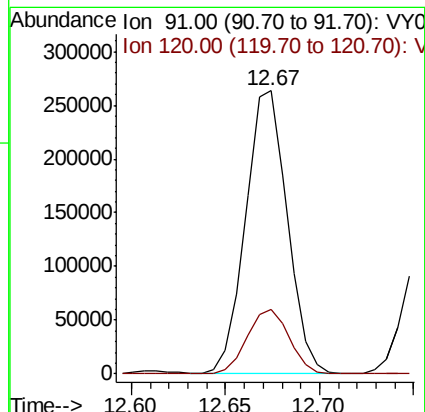
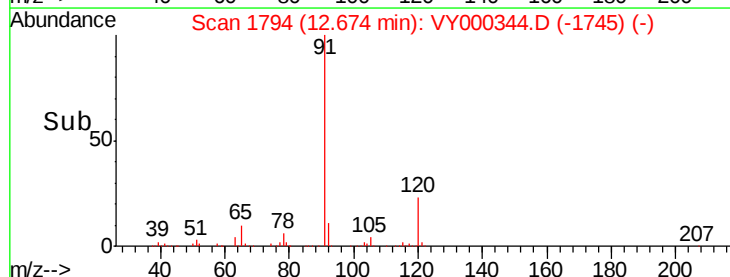
91 100

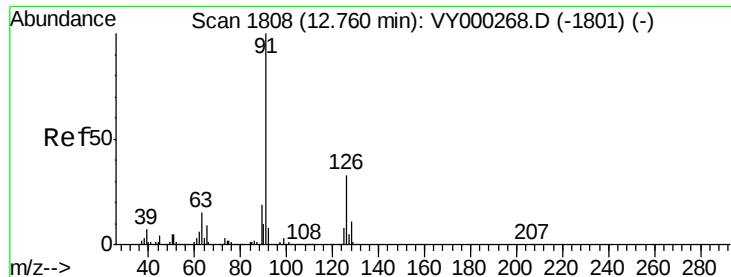
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.813 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

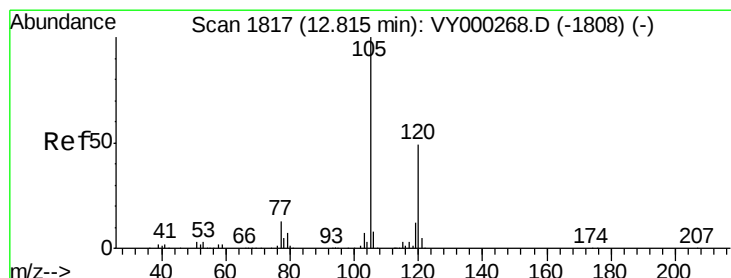
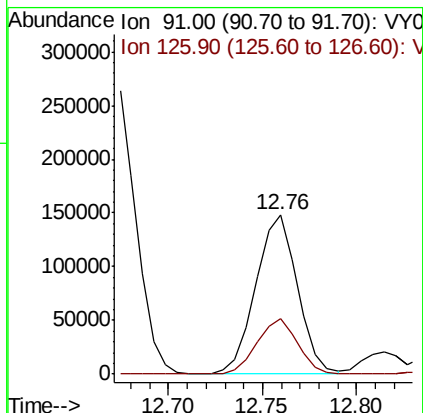
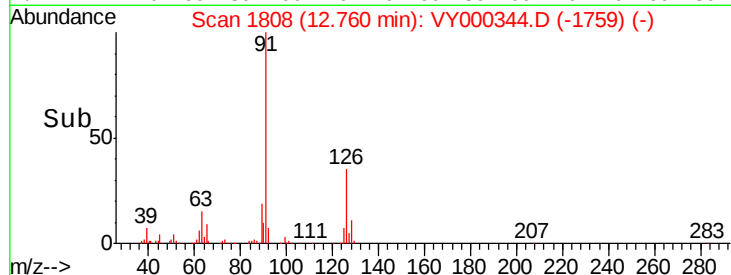
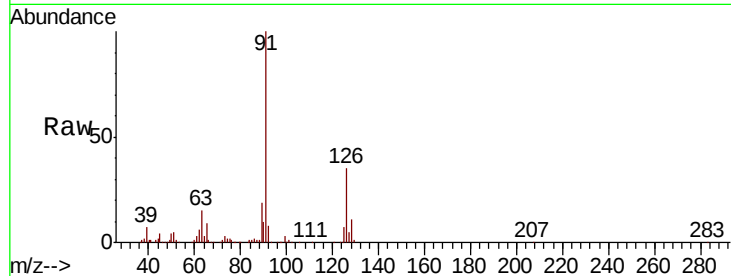
ClientSampleId :

Tot Ion: 91 Resp: 226211

Ion Ratio Lower Upper

91 100

126 33.9 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 20.452 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000344.D

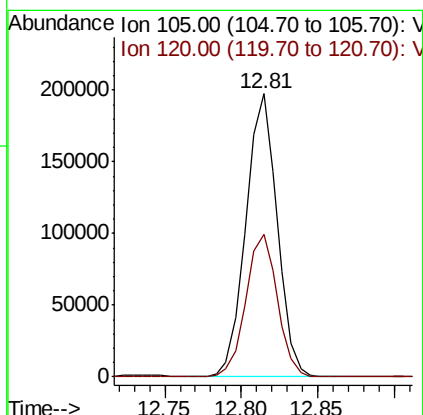
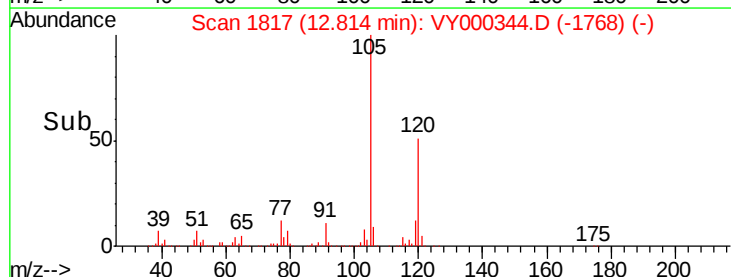
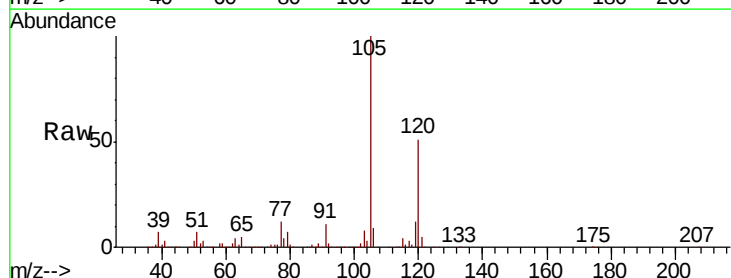
Acq: 18 Oct 2019 11:57

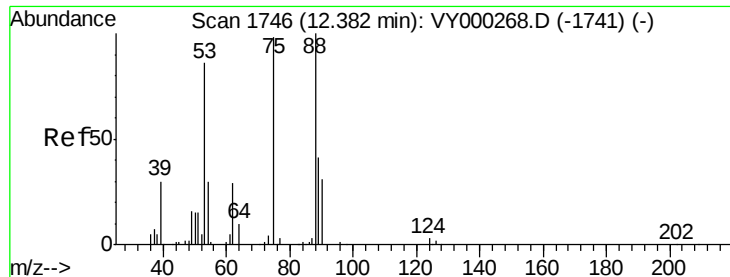
Tgt Ion: 105 Resp: 281113

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.354 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampled :

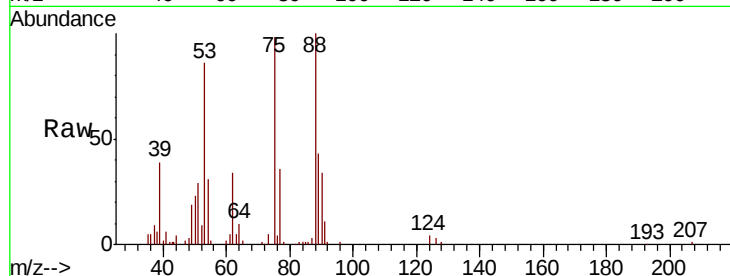
Tot Ion: 75 Resp: 24047

Ion Ratio Lower Upper

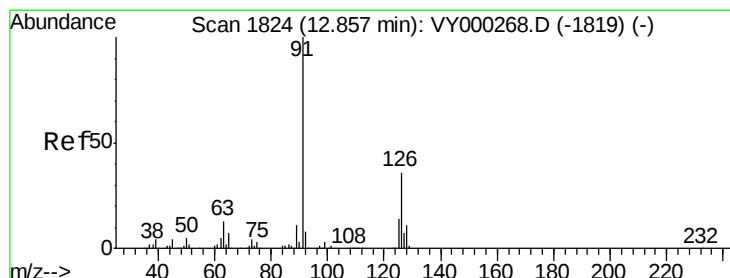
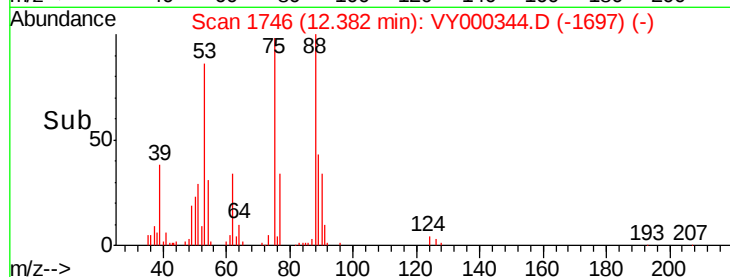
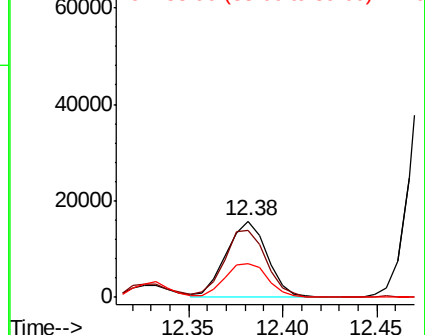
75 100

53 90.3 71.3 106.9

89 45.4 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.337 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000344.D

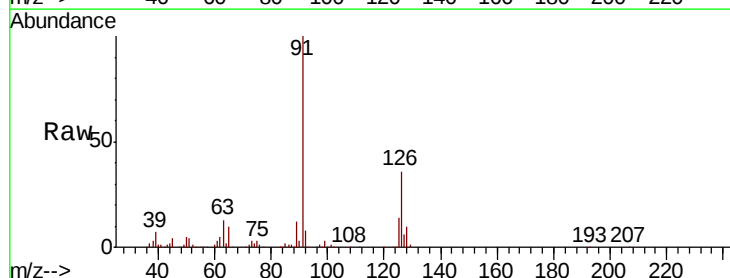
Acq: 18 Oct 2019 11:57

Tgt Ion: 91 Resp: 233652

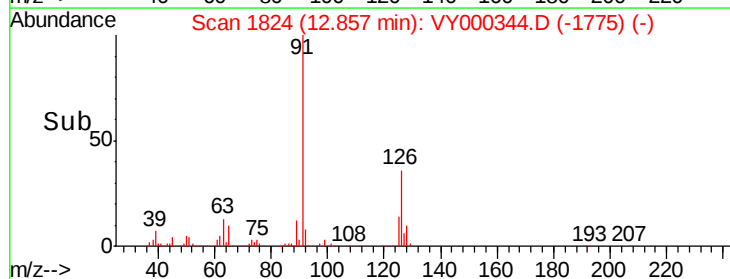
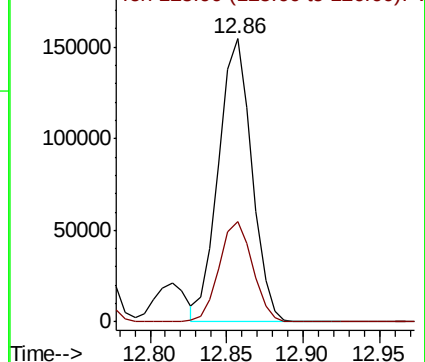
Ion Ratio Lower Upper

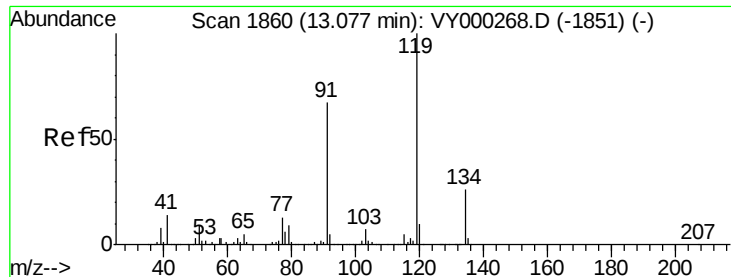
91 100

126 35.7 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

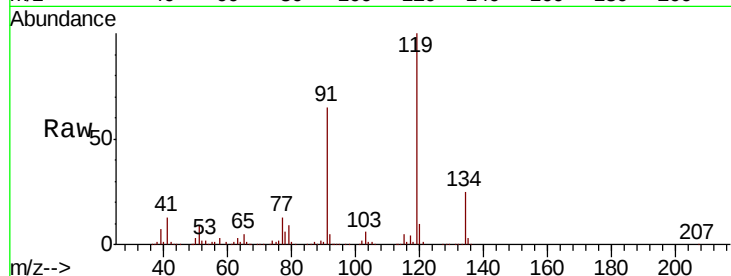




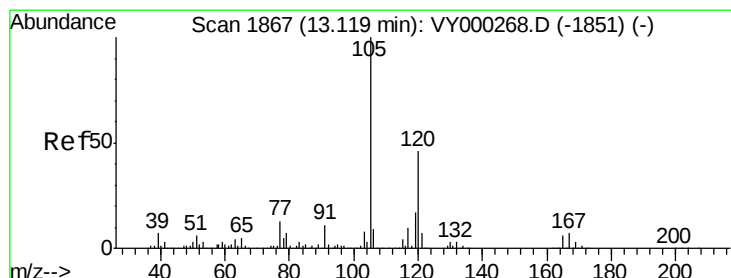
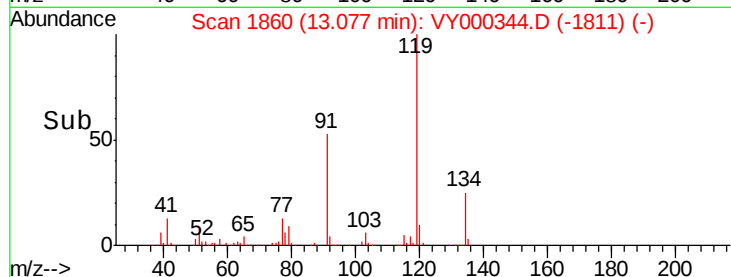
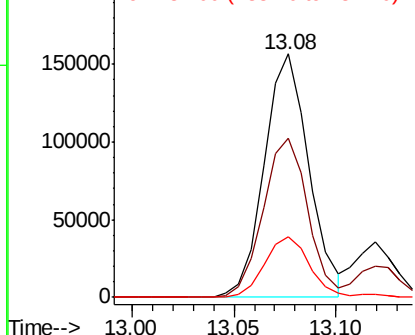
#83
tert-Butylbenzene
Concen: 20.499 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 238602
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.7
134 25.9 13.3 39.8

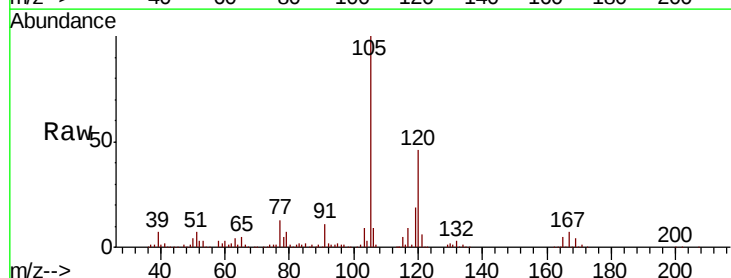


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

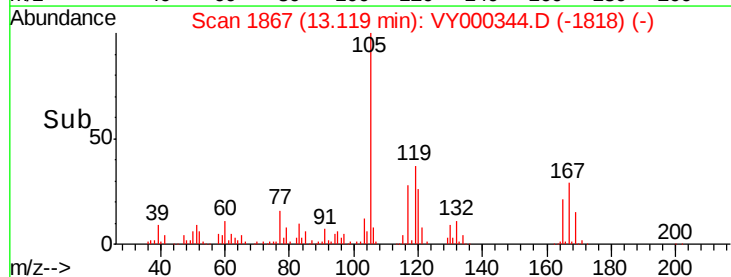
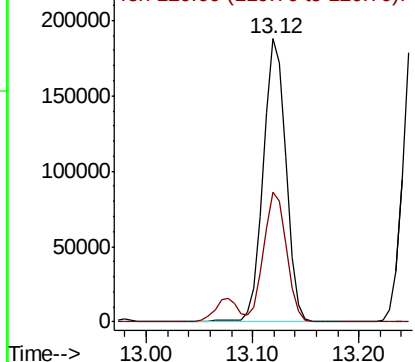


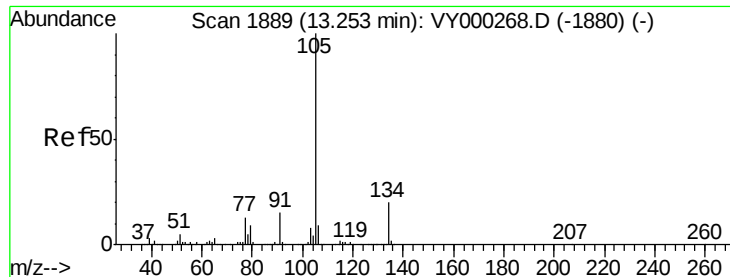
#84
1,2,4-Trimethylbenzene
Concen: 20.765 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion:105 Resp: 281695
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.631 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

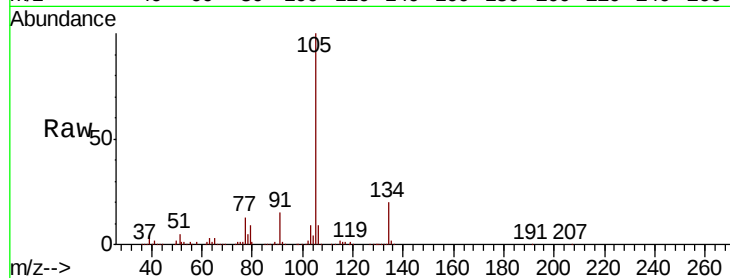
ClientSampleId :

Tot Ion:105 Resp: 347387

Ion Ratio Lower Upper

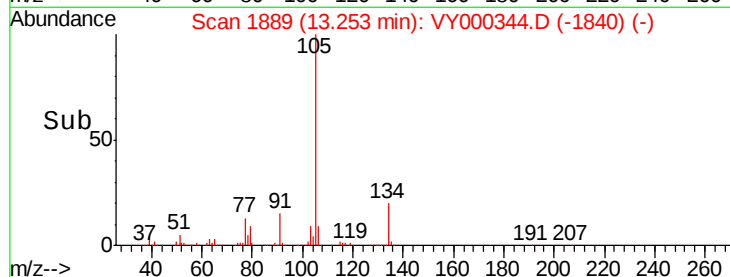
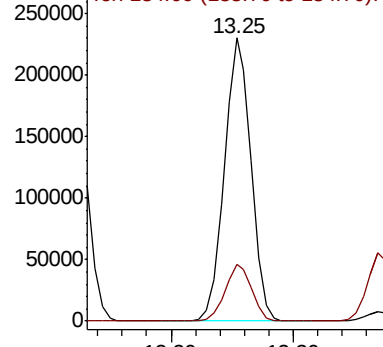
105 100

134 20.0 10.1 30.1

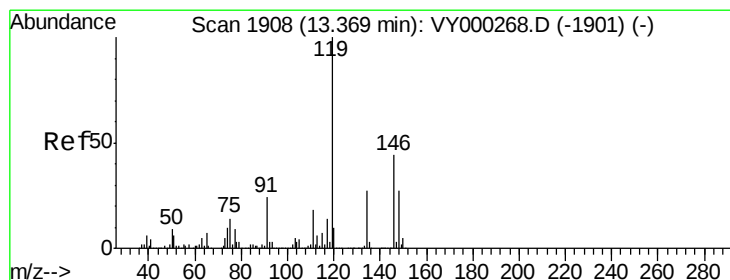


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.811 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

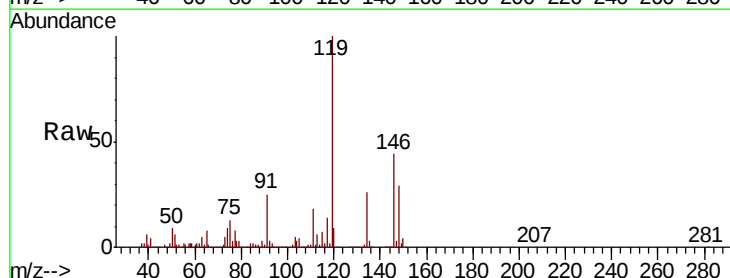
Tgt Ion:119 Resp: 305506

Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.8

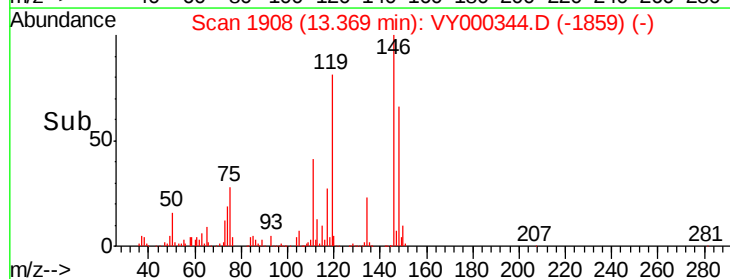
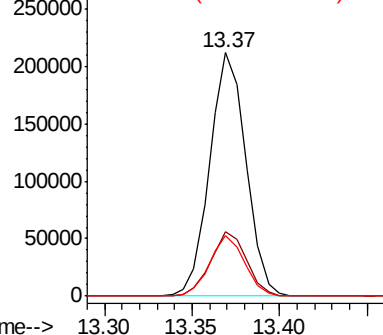
91 23.9 12.0 36.1



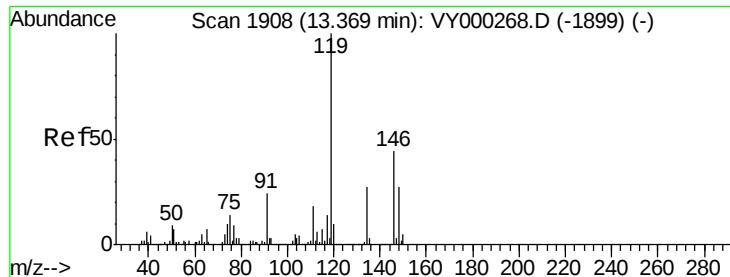
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->



#87

1,3-Dichlorobenzene

Concen: 20.485 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

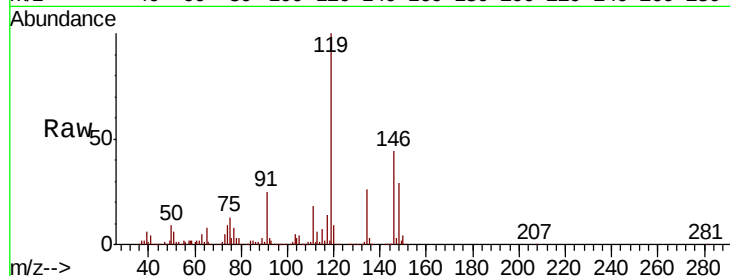
Tot Ion:146 Resp: 147215

Ion Ratio Lower Upper

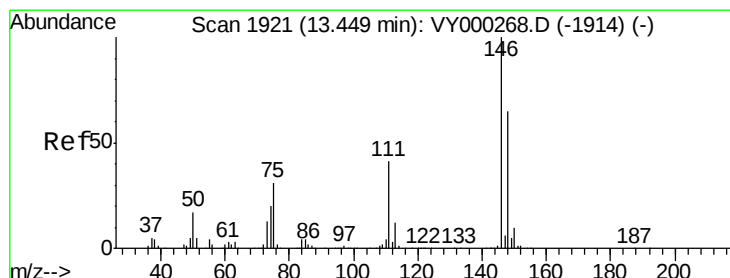
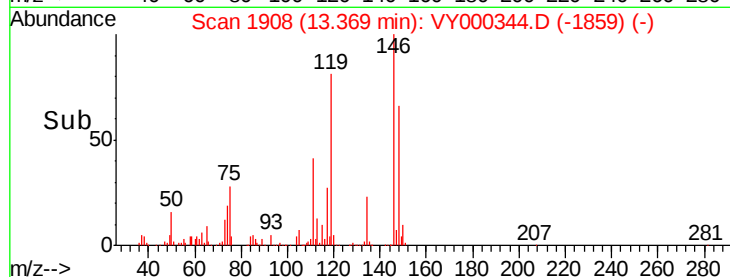
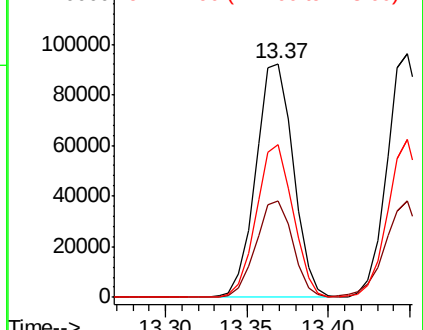
146 100

111 40.5 20.6 61.8

148 63.8 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 20.730 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VY000344.D

Acq: 18 Oct 2019 11:57

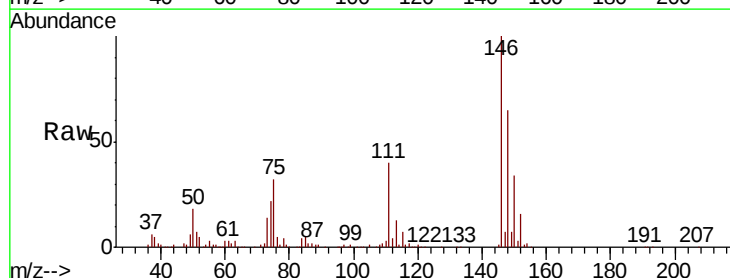
Tgt Ion:146 Resp: 148905

Ion Ratio Lower Upper

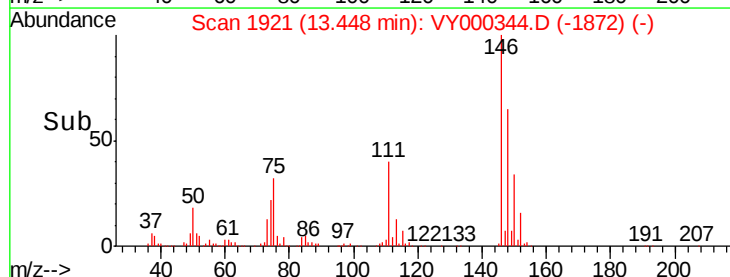
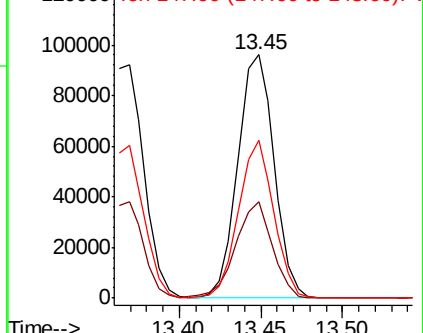
146 100

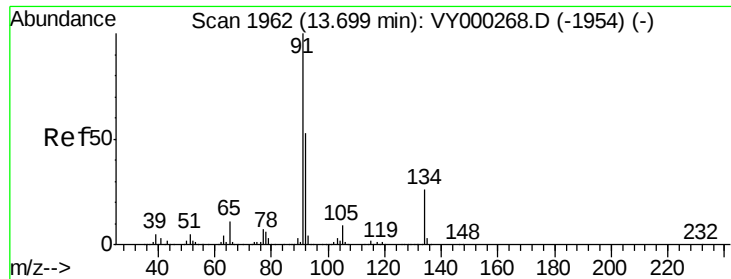
111 40.2 20.1 60.2

148 62.9 32.4 97.2



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

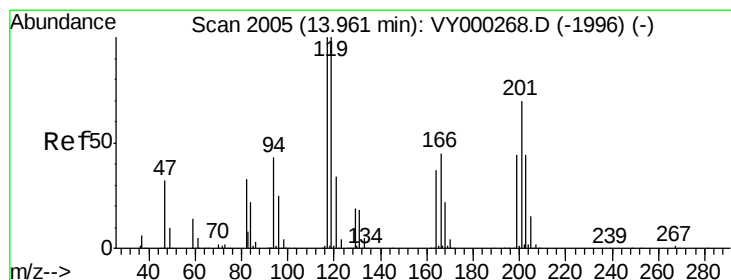
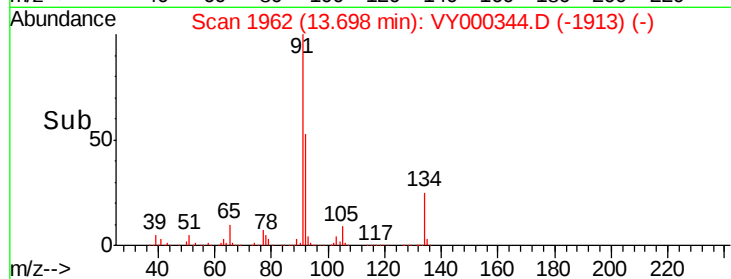
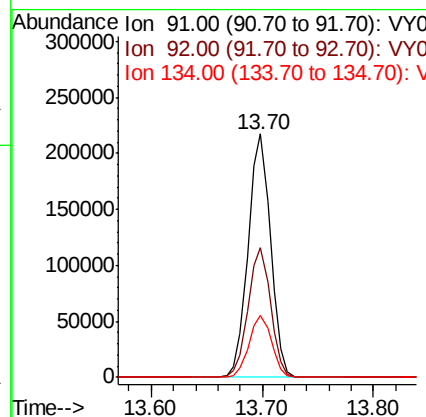
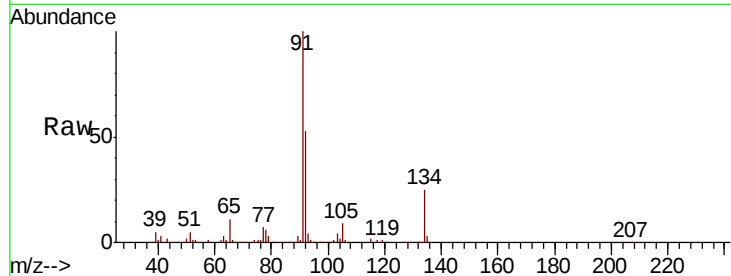




#89
n-Butylbenzene
Concen: 20.946 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

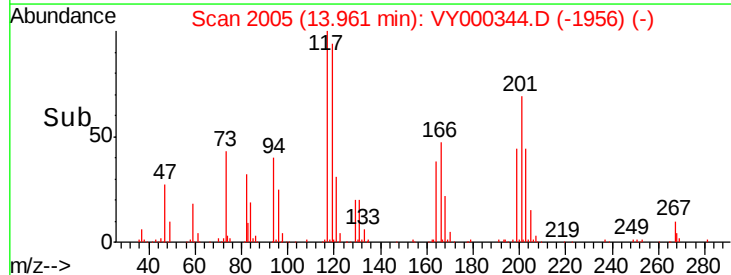
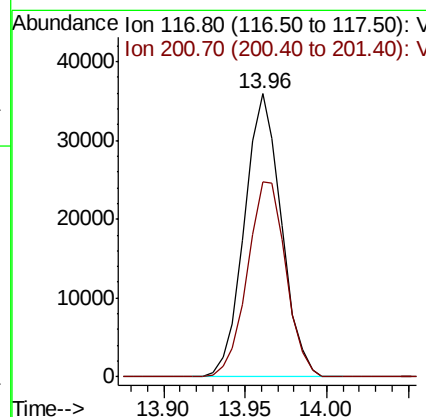
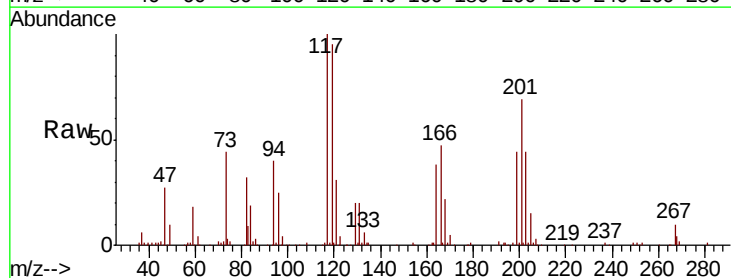
Instrument :
MSVOA_Y
ClientSampled :

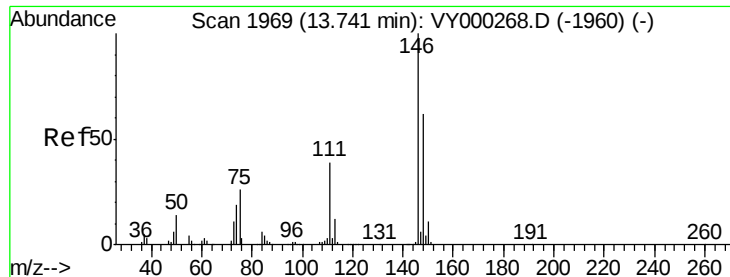
Tot Ion: 91 Resp: 303853
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.1
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 20.794 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion: 117 Resp: 56524
Ion Ratio Lower Upper
117 100
201 71.9 36.3 108.7

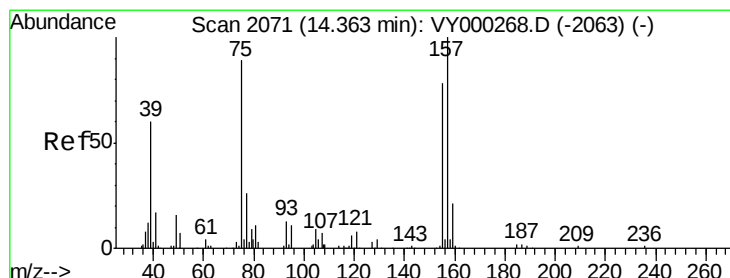
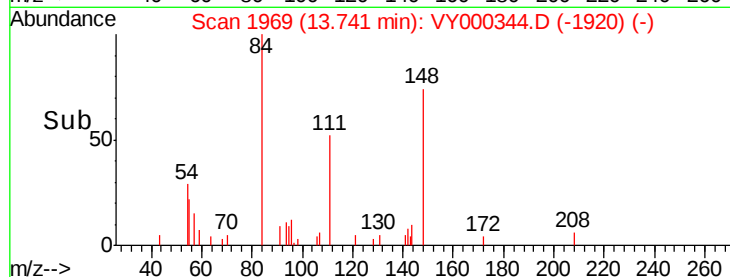
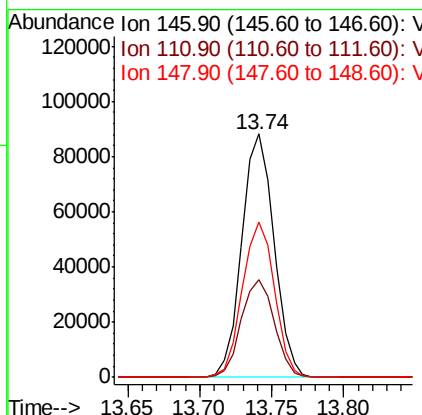
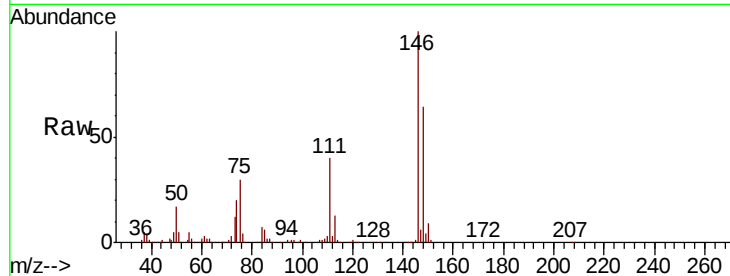




#91
 1,2-Dichlorobenzene
 Concen: 21.024 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

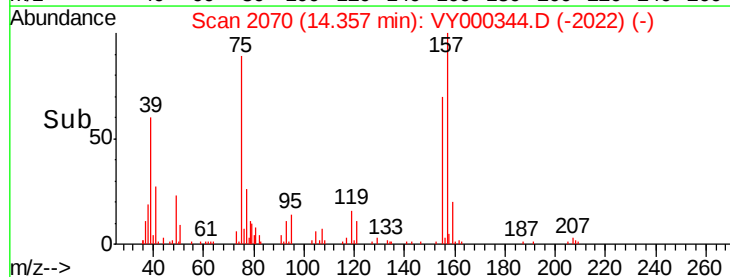
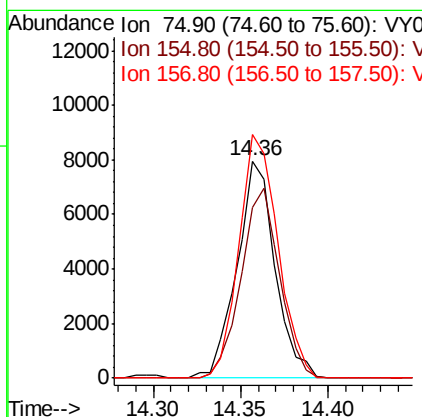
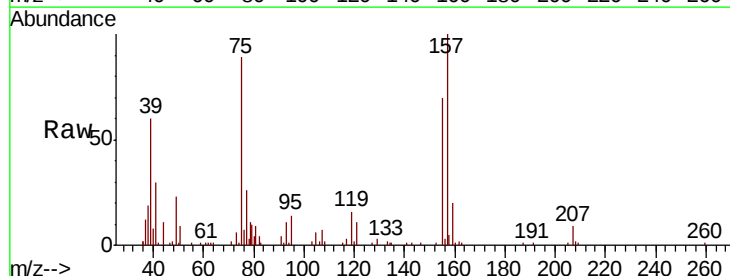
Instrument :
 MSVOA_Y
 ClientSampleId :

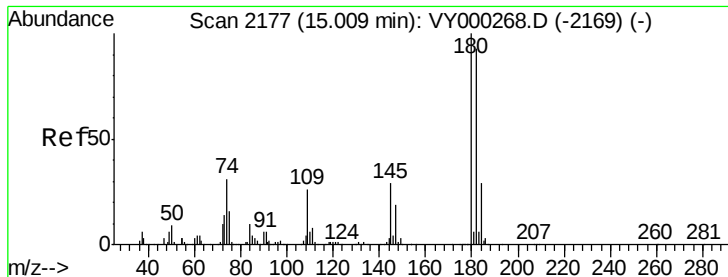
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	63.8	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.684 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	45.8	137.3
157	114.3	55.6	166.9

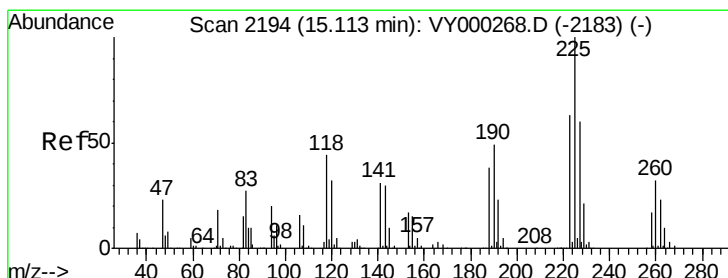
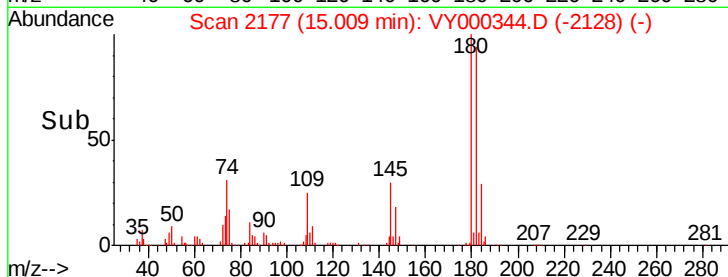
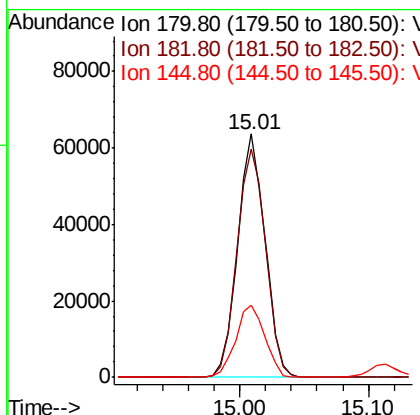
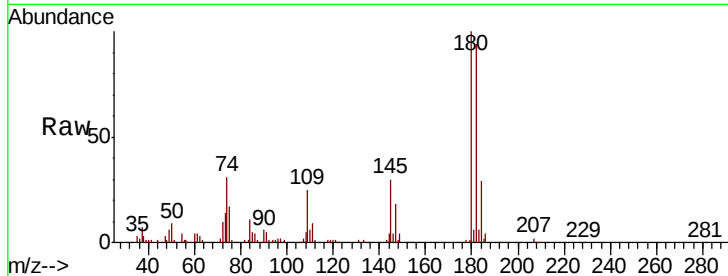




#93
 1,2,4-Trichlorobenzene
 Concen: 20.673 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

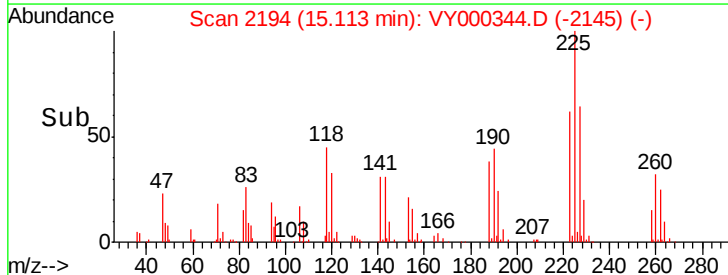
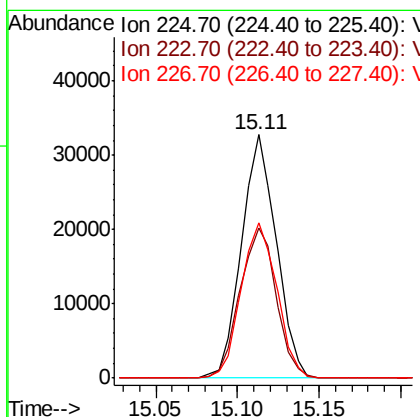
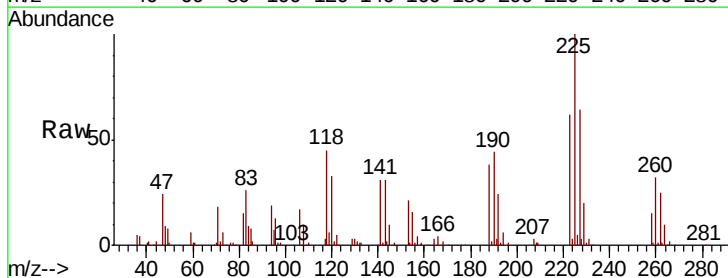
Instrument :
 MSVOA_Y
 ClientSampleId :

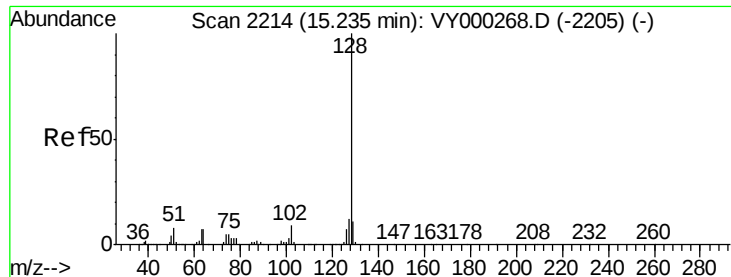
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.5	142.6
145	31.3	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 19.886 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000344.D
 Acq: 18 Oct 2019 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.9	95.7
227	65.4	31.4	94.2

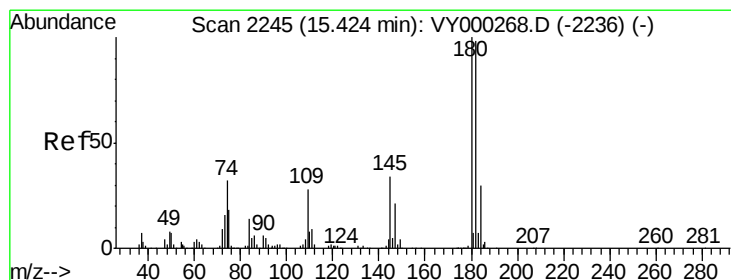
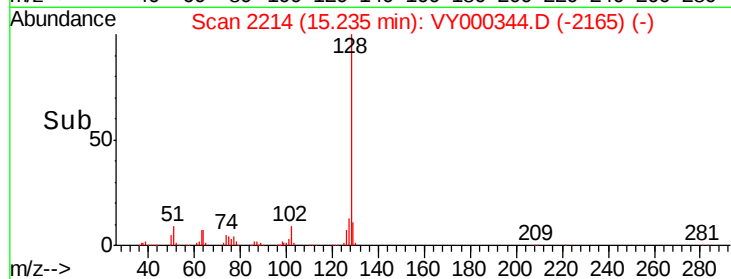
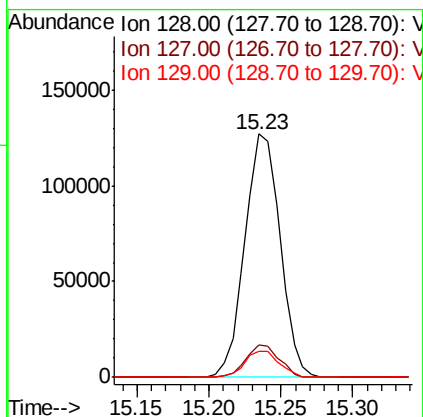
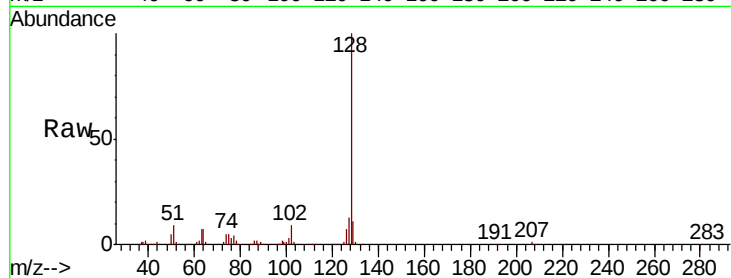




#95
Naphthalene
Concen: 21.347 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 215713
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: 21.210 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000344.D
Acq: 18 Oct 2019 11:57

Tgt Ion:180 Resp: 86557
Ion Ratio Lower Upper
180 100
182 93.0 46.5 139.5
145 32.7 16.2 48.5

