

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000271.D
 Acq On : 11 Oct 2019 15:13
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:29:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	292922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	482750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	425291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208496	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	162404	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
35) Dibromofluoromethane	7.73	113	151860	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
50) Toluene-d8	10.19	98	631109	56.34	ug/l	0.00
Spiked Amount			Recovery	=	112.68%	
62) 4-Bromofluorobenzene	12.48	95	224467	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	132092	57.769	ug/l	95
3) Chloromethane	2.12	50	181037	50.577	ug/l	97
4) Vinyl Chloride	2.25	62	196723	54.457	ug/l	97
5) Bromomethane	2.65	94	142729	63.744	ug/l	100
6) Chloroethane	2.79	64	124517	53.422	ug/l	100
7) Trichlorofluoromethane	3.13	101	265821	53.795	ug/l	97
8) Diethyl Ether	3.54	74	90371	51.769	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	164163	54.781	ug/l	98
10) Methyl Iodide	4.10	142	208283	48.825	ug/l	100
11) Tert butyl alcohol	4.97	59	72712	224.866	ug/l	100
12) 1,1-Dichloroethene	3.88	96	164881	55.732	ug/l	96
13) Acrolein	3.74	56	87515	230.848	ug/l	99
14) Allyl chloride	4.48	41	269802	55.032	ug/l	98
15) Acrylonitrile	5.18	53	243579	249.296	ug/l	99
16) Acetone	3.96	43	263114	262.948	ug/l	95
17) Carbon Disulfide	4.19	76	503187	54.021	ug/l	98
18) Methyl Acetate	4.49	43	117536	47.276	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	428735	52.058	ug/l	99
20) Methylene Chloride	4.72	84	179343	53.584	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	178546	52.603	ug/l	90
22) Diisopropyl ether	6.13	45	575216	55.473	ug/l	97
23) Vinyl Acetate	6.07	43	1829015	270.374	ug/l	98
24) 1,1-Dichloroethane	6.03	63	311357	55.011	ug/l	99
25) 2-Butanone	7.00	43	352005	249.725	ug/l	99
26) 2,2-Dichloropropane	6.99	77	284527	54.555	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	199496	54.317	ug/l	99
28) Bromochloromethane	7.35	49	129296	53.214	ug/l	97
29) Tetrahydrofuran	7.36	42	212493	248.747	ug/l	98
30) Chloroform	7.52	83	311013	54.564	ug/l	98
31) Cyclohexane	7.79	56	315974	53.451	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	280546	55.362	ug/l	99
36) 1,1-Dichloropropene	7.93	75	252947	53.518	ug/l	99
37) Ethyl Acetate	7.08	43	140132	50.072	ug/l	98
38) Carbon Tetrachloride	7.91	117	246823	53.935	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	339718	54.917	ug/l	98
40) Benzene	8.17	78	736355	53.911	ug/l	100
41) Methacrylonitrile	7.35	41	189164	142.000	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	198515	50.880	ug/l	99
43) Isopropyl Acetate	8.28	43	266932	50.163	ug/l	98
44) Trichloroethene	8.94	130	198652	51.834	ug/l	99
45) 1,2-Dichloropropane	9.22	63	180128	53.739	ug/l	97
46) Dibromomethane	9.32	93	98010	52.306	ug/l	95
47) Bromodichloromethane	9.50	83	236724	53.606	ug/l	100
48) Methyl methacrylate	9.30	41	118846	50.961	ug/l	98
49) 1,4-Dioxane	9.30	88	27066	963.369	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	683002	248.853	ug/l	100
52) Toluene	10.25	92	472193	54.451	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	255281	53.941	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	293795	54.664	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	142569	52.330	ug/l	98
56) Ethyl methacrylate	10.51	69	206911	53.282	ug/l	100
57) 1,3-Dichloropropane	10.80	76	245563	52.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	427447	275.964	ug/l	99
59) 2-Hexanone	10.84	43	505320	262.303	ug/l	100
60) Dibromochloromethane	10.99	129	164564	54.497	ug/l	99
61) 1,2-Dibromoethane	11.09	107	135894	51.949	ug/l	100
64) Tetrachloroethene	10.72	164	204039	50.395	ug/l	96
65) Chlorobenzene	11.52	112	487403	54.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	171866	54.510	ug/l	99
67) Ethyl Benzene	11.60	91	920857	55.345	ug/l	99
68) m/p-Xylenes	11.71	106	696887	109.562	ug/l	97
69) o-Xylene	12.03	106	333104	54.896	ug/l	100
70) Styrene	12.05	104	572161	55.911	ug/l	99
71) Bromoform	12.21	173	97405	53.741	ug/l #	99
73) Isopropylbenzene	12.33	105	915341	56.304	ug/l	99
74) N-amyl acetate	12.14	43	228689	57.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	165840	54.331	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	235706	91.937	ug/l #	100
77) Bromobenzene	12.61	156	194985	53.899	ug/l	98
78) n-propylbenzene	12.67	91	1108303	56.780	ug/l	99
79) 2-Chlorotoluene	12.76	91	609967	56.585	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	767267	56.284	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	63195	53.931	ug/l	98
82) 4-Chlorotoluene	12.86	91	642609	56.395	ug/l	100
83) tert-Butylbenzene	13.08	119	646260	55.982	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	760160	56.499	ug/l	100
85) sec-Butylbenzene	13.25	105	948524	56.797	ug/l	100
86) p-Isopropyltoluene	13.37	119	835016	57.353	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	390120	54.733	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	392806	55.137	ug/l	97
89) n-Butylbenzene	13.70	91	831178	57.770	ug/l	99
90) Hexachloroethane	13.96	117	154704	57.383	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	349899	54.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29964	51.760	ug/l	95

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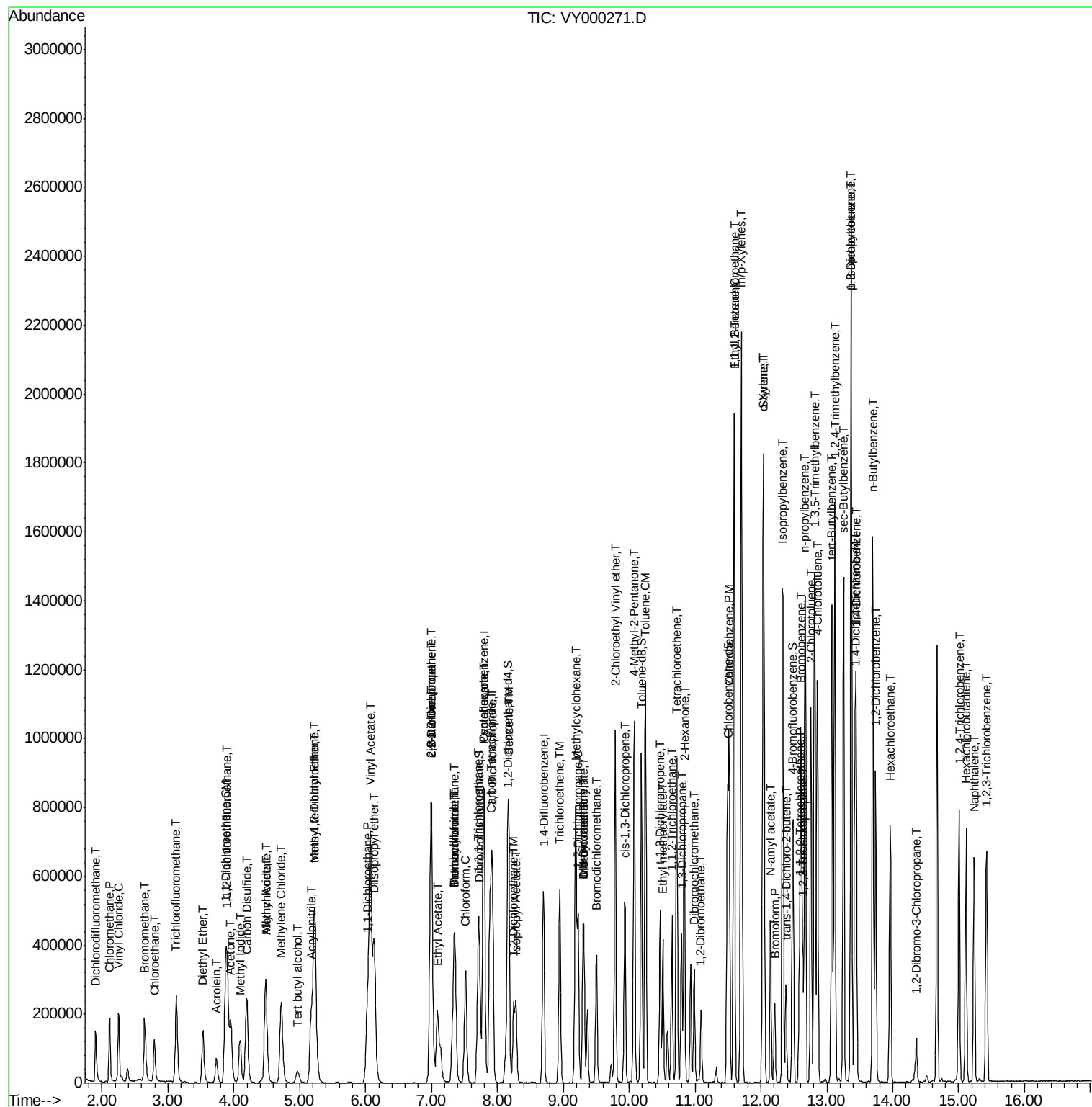
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	235655	52.472	ug/l	98
94) Hexachlorobutadiene	15.11	225	128966	53.064	ug/l	99
95) Naphthalene	15.23	128	524104	52.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	211157	52.169	ug/l	97

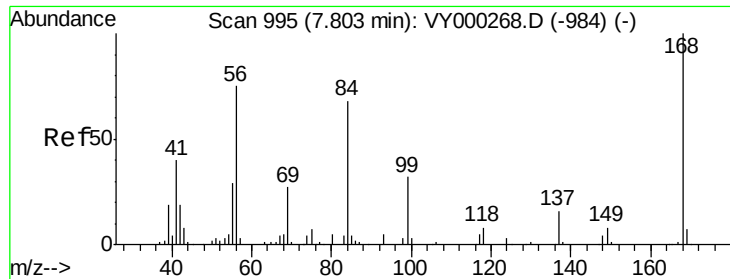
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

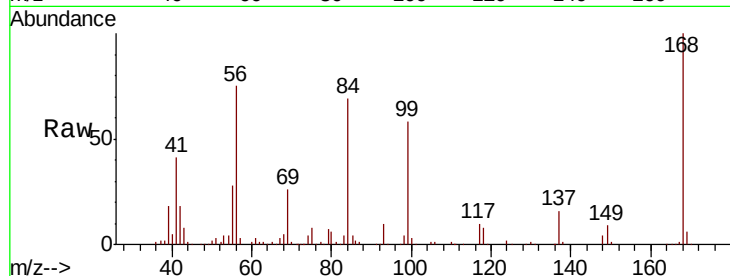
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 292922

Ion Ratio Lower Upper

168 100

99 57.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

150000

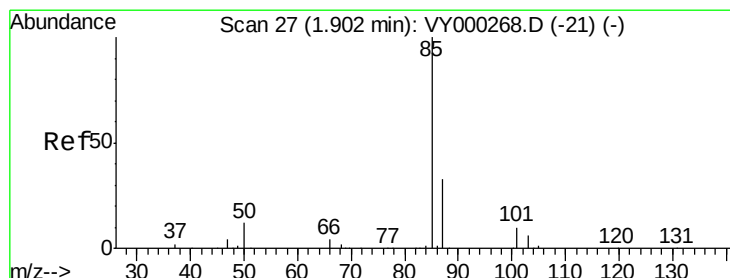
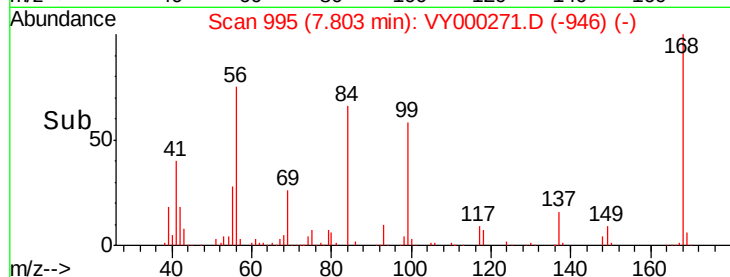
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 57.769 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000271.D

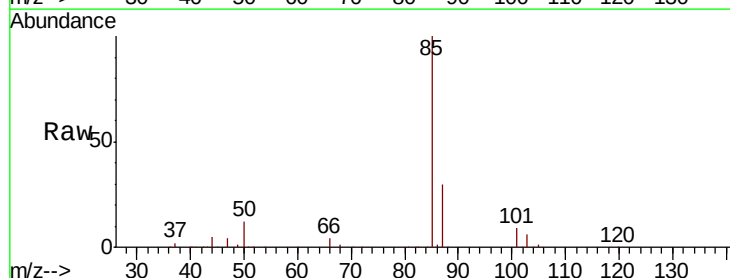
Acq: 11 Oct 2019 15:13

Tgt Ion: 85 Resp: 132092

Ion Ratio Lower Upper

85 100

87 30.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

100000

80000

60000

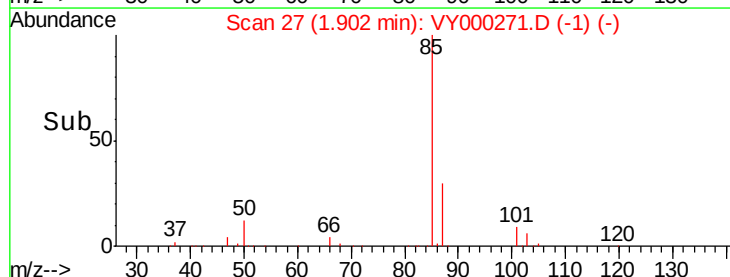
40000

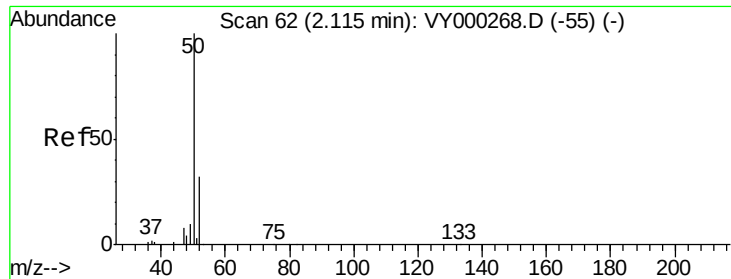
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.577 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

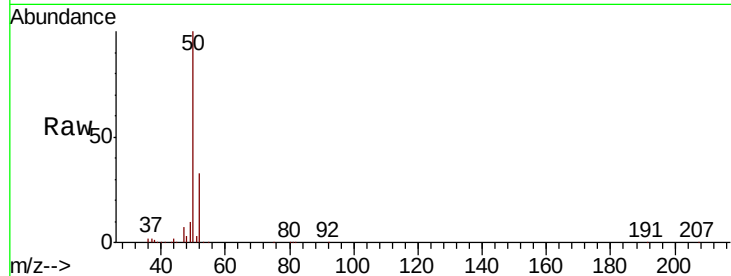
ClientSampleId :

Tot Ion: 50 Resp: 181037

Ion Ratio Lower Upper

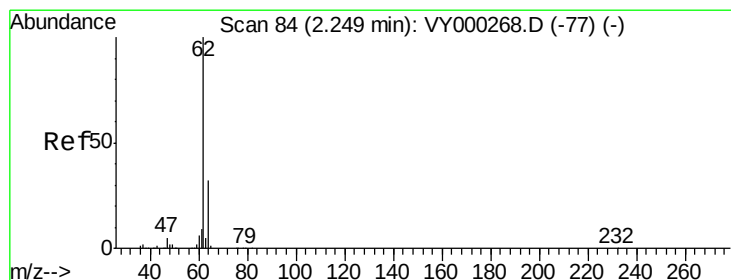
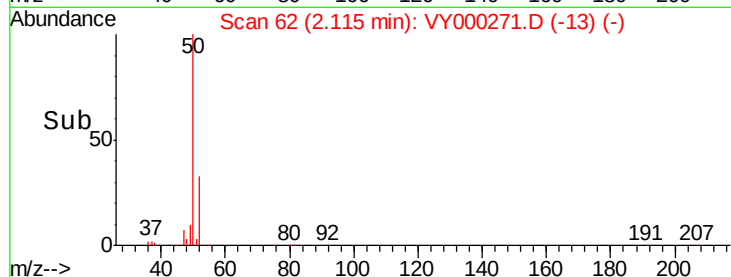
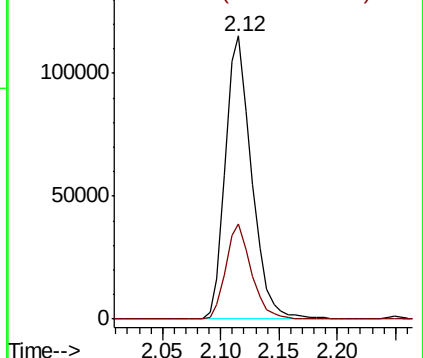
50 100

52 33.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 54.457 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000271.D

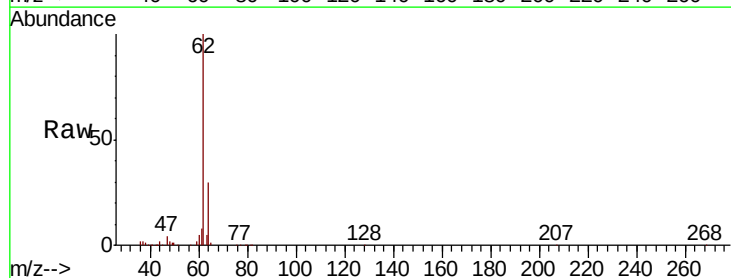
Acq: 11 Oct 2019 15:13

Tgt Ion: 62 Resp: 196723

Ion Ratio Lower Upper

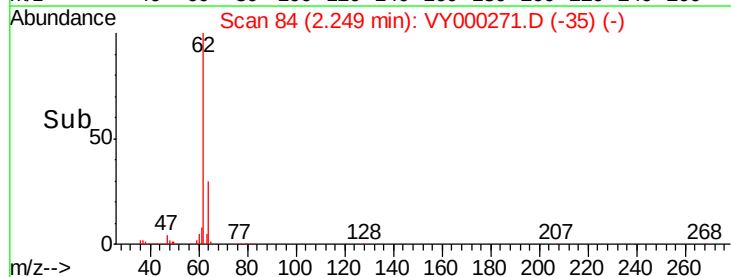
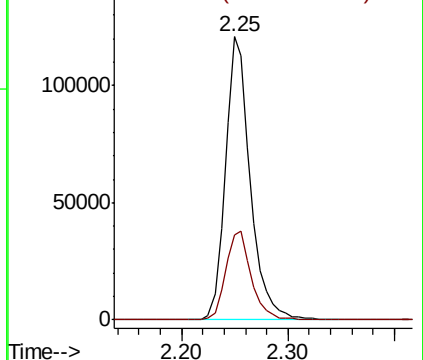
62 100

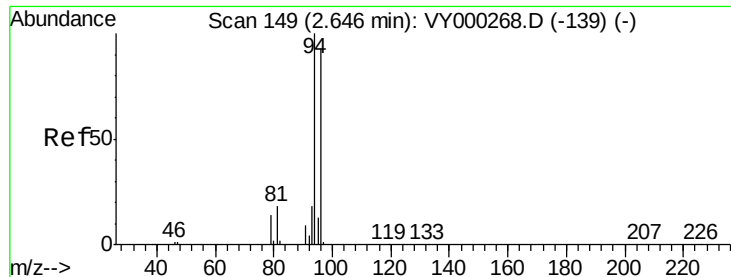
64 30.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 63.744 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

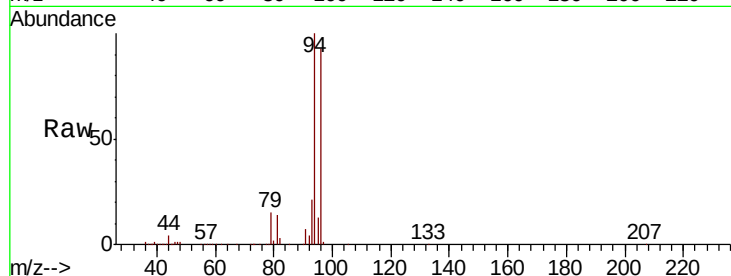
ClientSampleId :

Tot Ion: 94 Resp: 142729

Ion Ratio Lower Upper

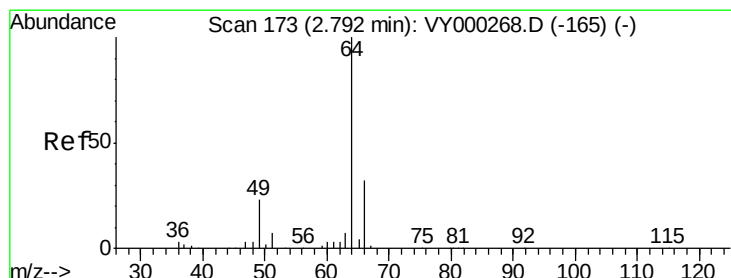
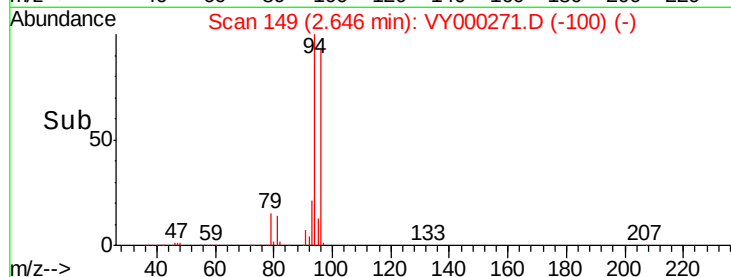
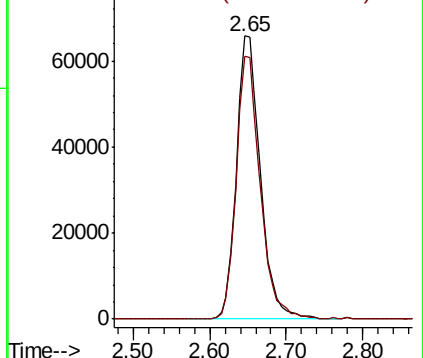
94 100

96 92.9 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: 53.422 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000271.D

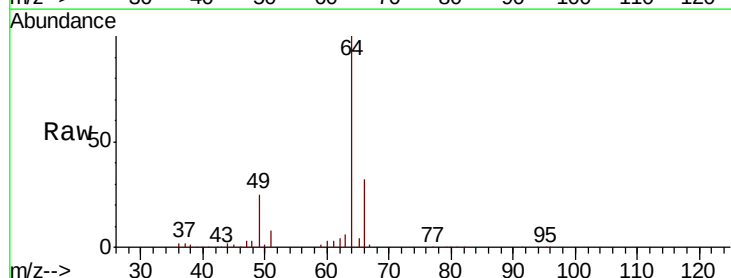
Acq: 11 Oct 2019 15:13

Tgt Ion: 64 Resp: 124517

Ion Ratio Lower Upper

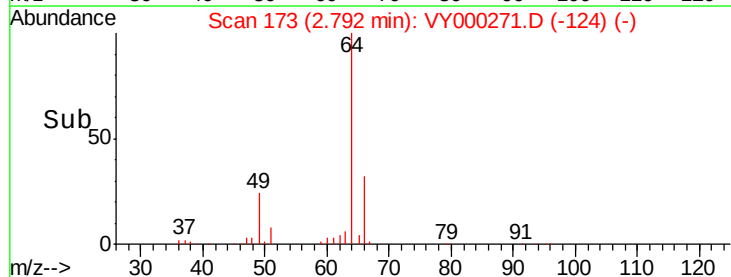
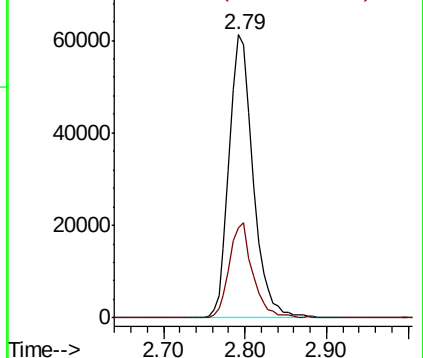
64 100

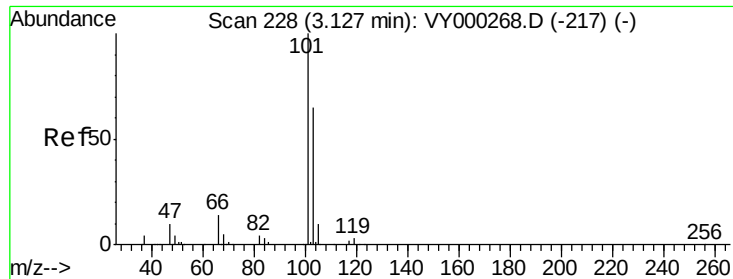
66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



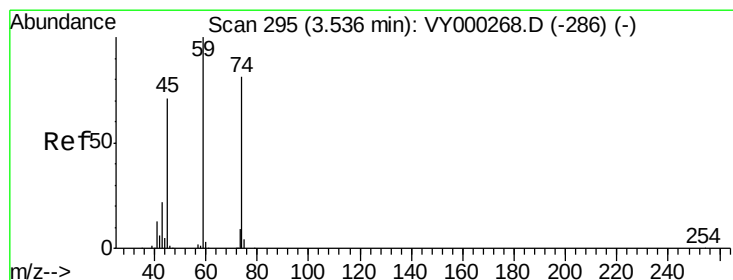
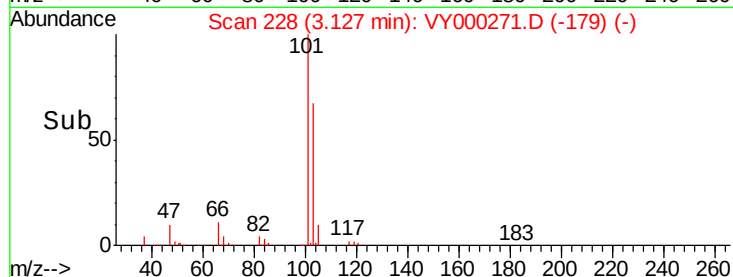
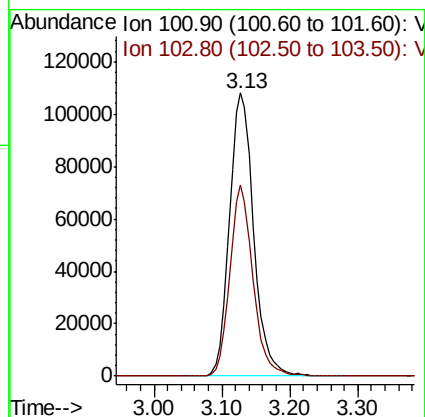
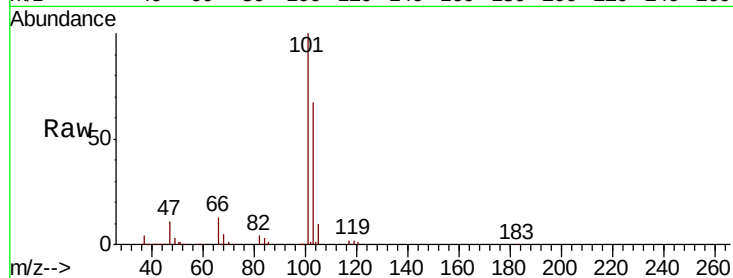


#7

Trichlorofluoromethane
Concen: 53.795 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Instrument :
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ClientSampleId :

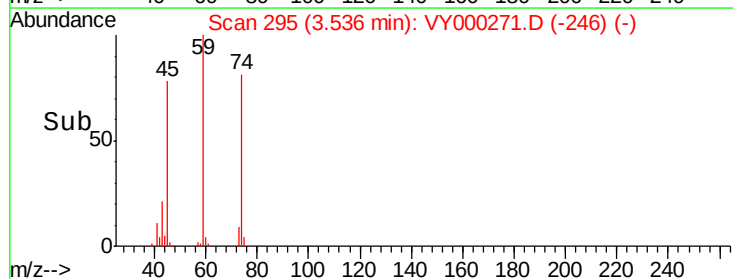
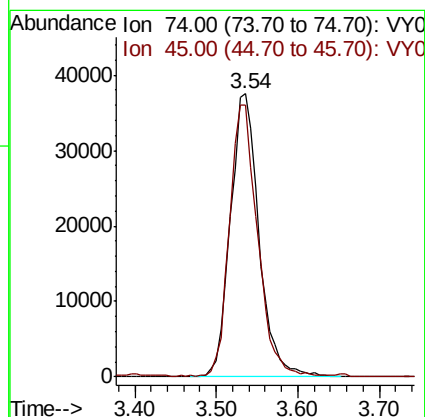
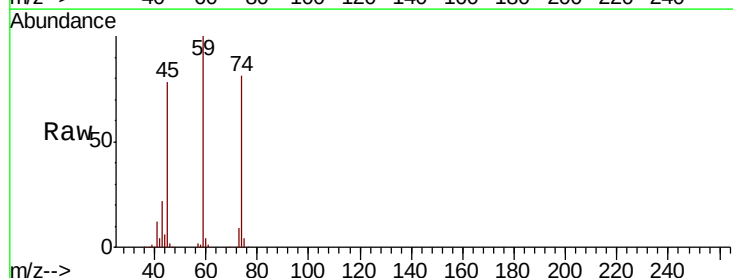
Tot Ion:101 Resp: 265821
Ion Ratio Lower Upper
101 100
103 67.4 52.2 78.4

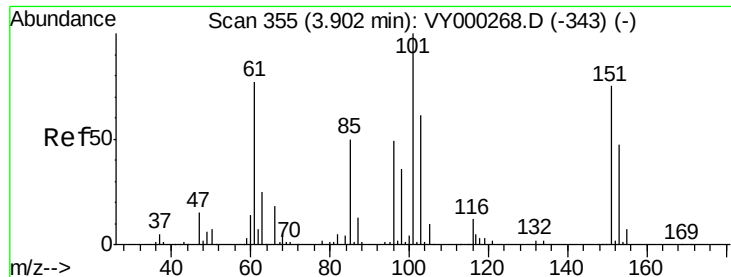


#8

Diethyl Ether
Concen: 51.769 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 74 Resp: 90371
Ion Ratio Lower Upper
74 100
45 94.1 47.1 141.4

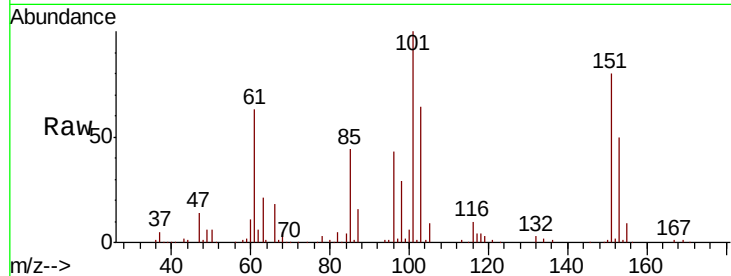




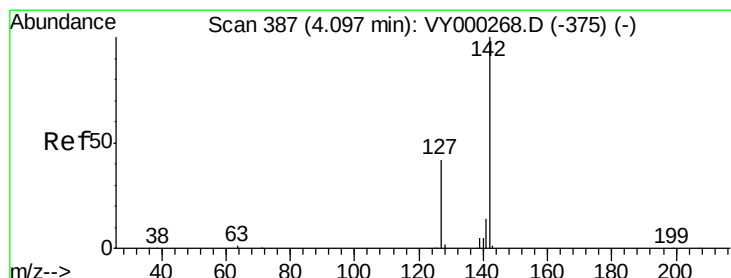
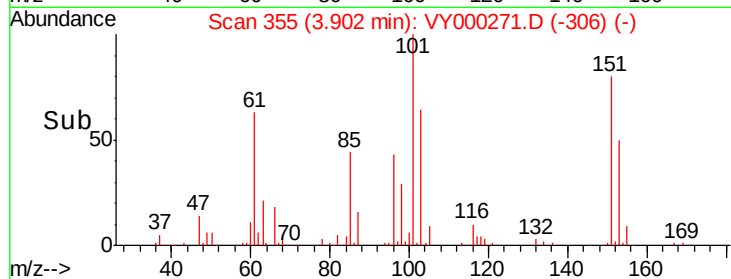
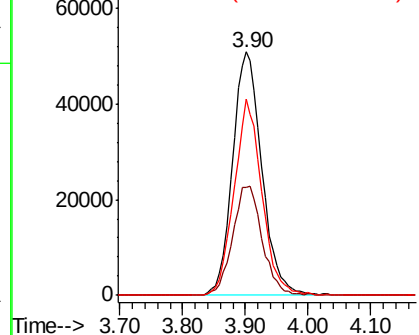
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.781 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.6	55.0
151	76.3	63.1	94.7

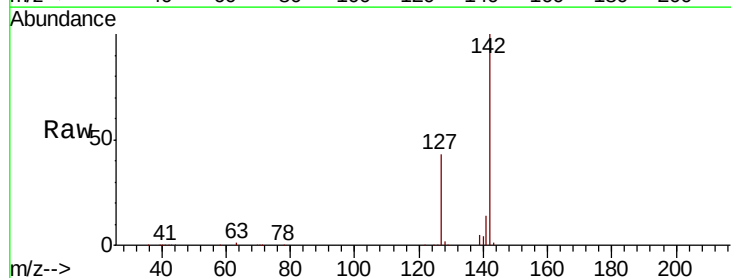


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

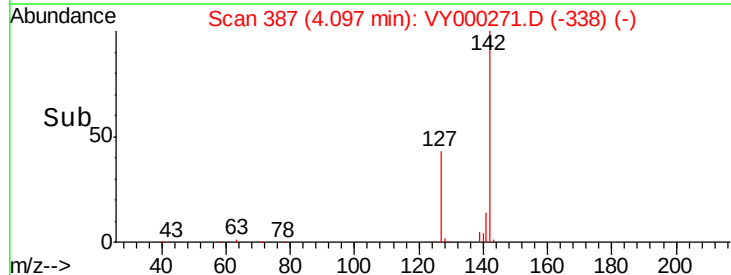
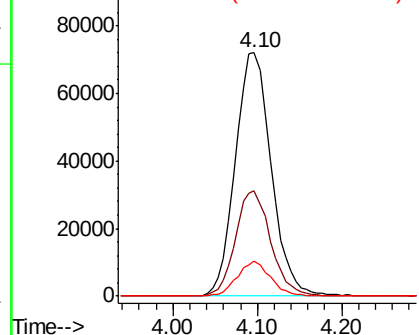


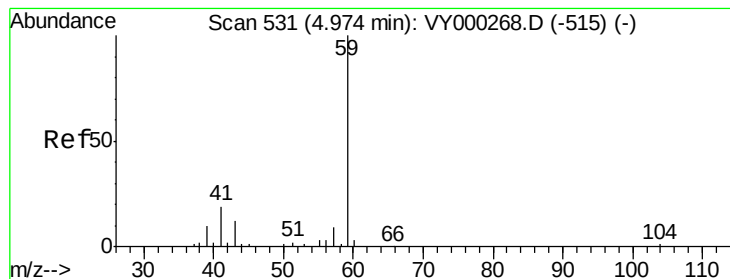
#10
 Methyl Iodide
 Concen: 48.825 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.4	33.9	50.9
141	13.4	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



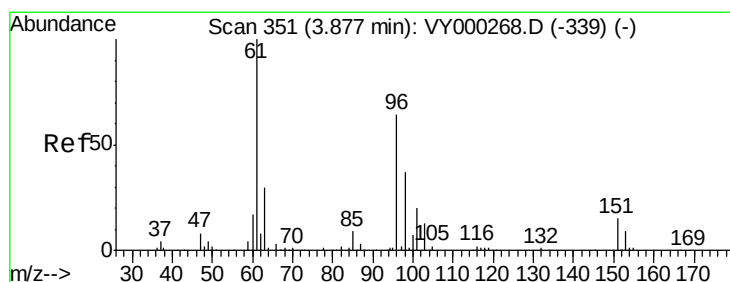
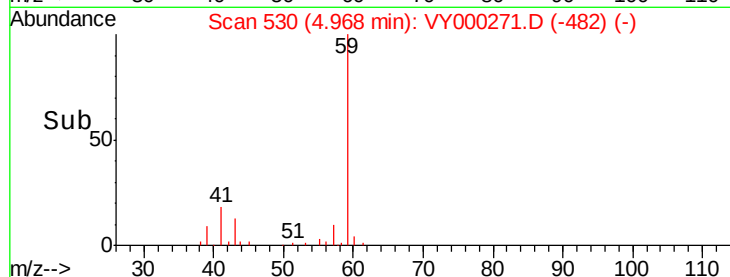
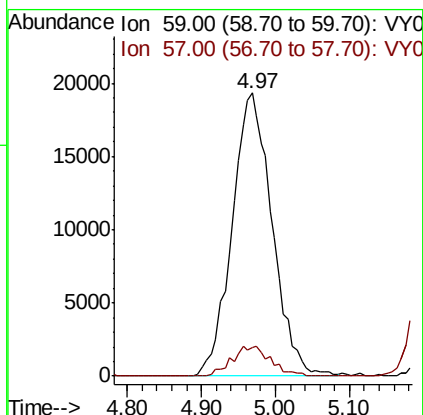
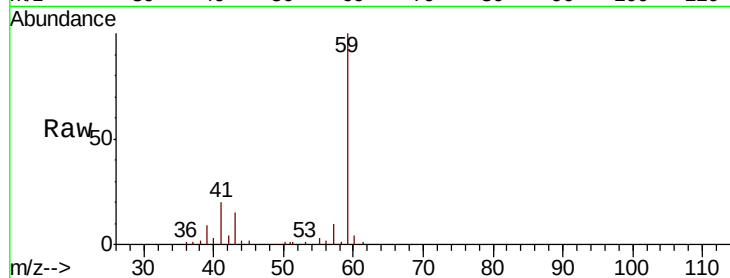


#11

Tert butyl alcohol
 Concen: 224.866 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :

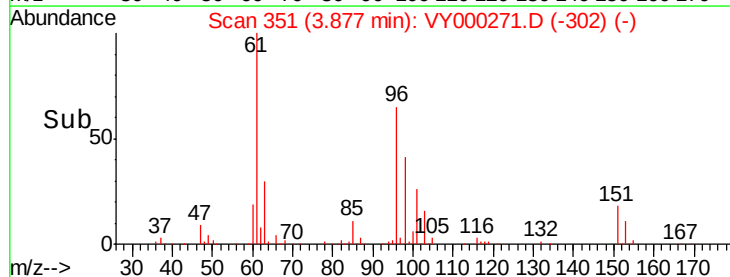
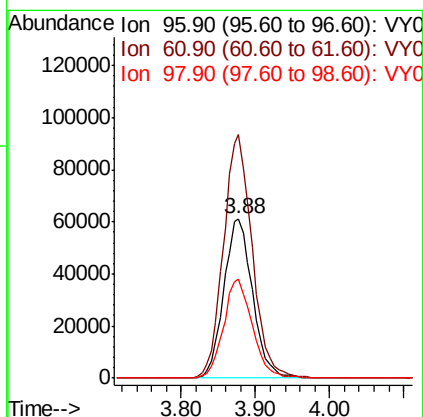
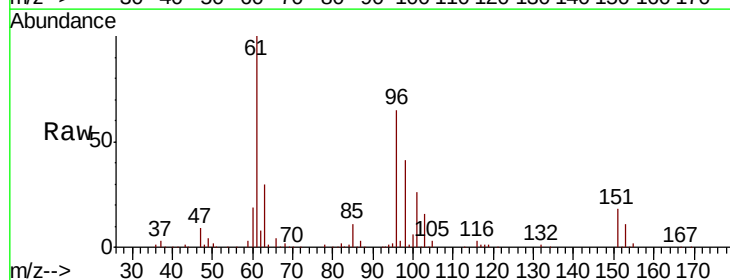
Tot Ion: 59 Resp: 72712
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

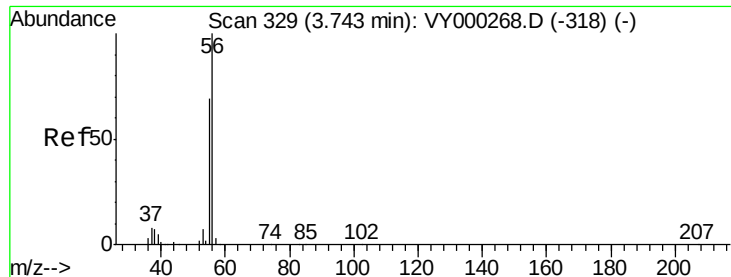


#12

1,1-Dichloroethene
 Concen: 55.732 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion: 96 Resp: 164881
 Ion Ratio Lower Upper
 96 100
 61 152.8 125.8 188.6
 98 62.1 46.2 69.2





#13

Acrolein

Concen: 230.848 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

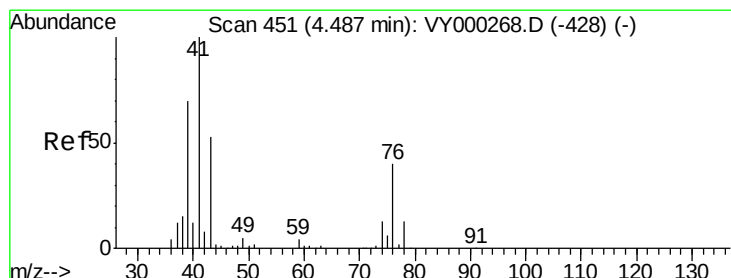
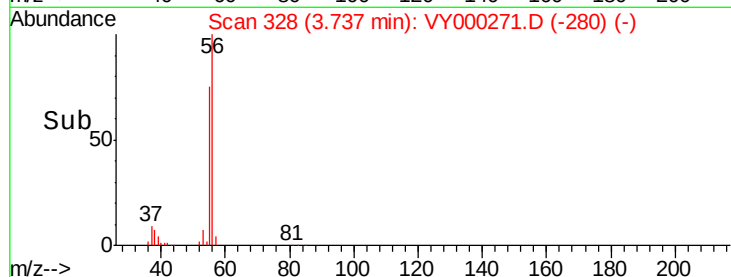
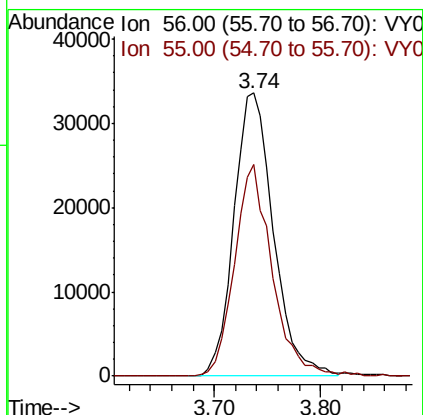
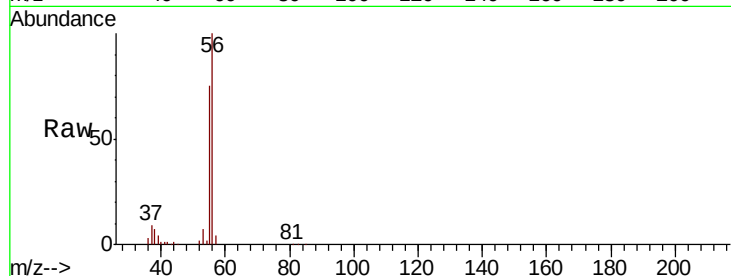
ClientSampleId :

Tot Ion: 56 Resp: 87515

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5



#14

Allyl chloride

Concen: 55.032 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

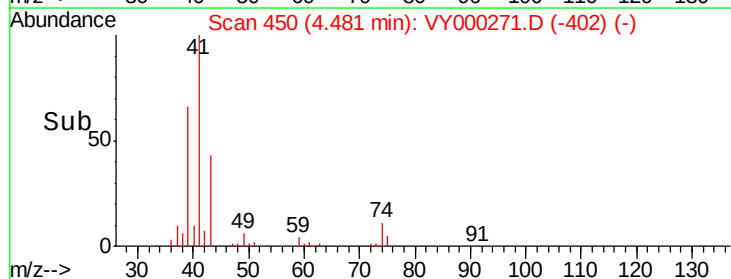
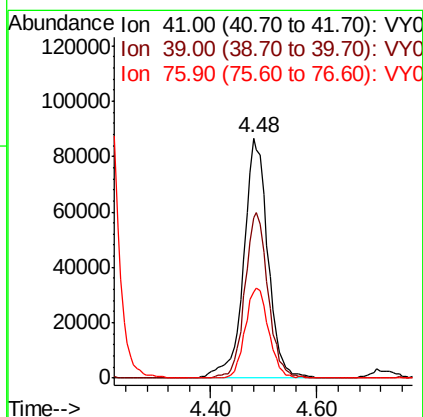
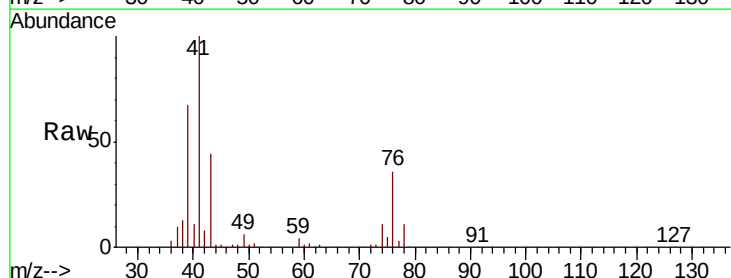
Tgt Ion: 41 Resp: 269802

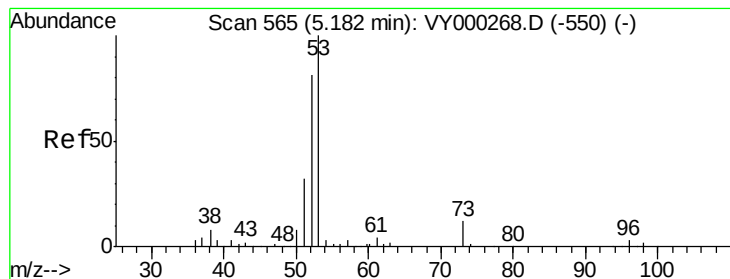
Ion Ratio Lower Upper

41 100

39 66.3 54.0 81.0

76 36.6 30.7 46.1





#15

Acrylonitrile

Concen: 249.296 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

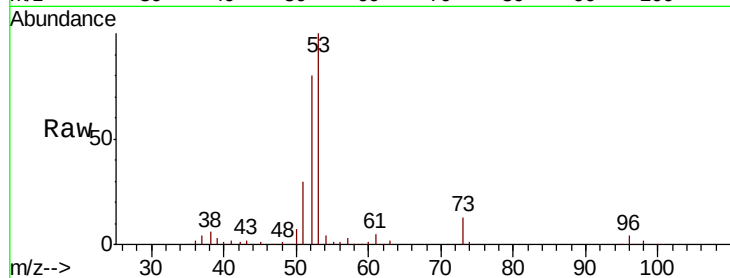
Tot Ion: 53 Resp: 243579

Ion Ratio Lower Upper

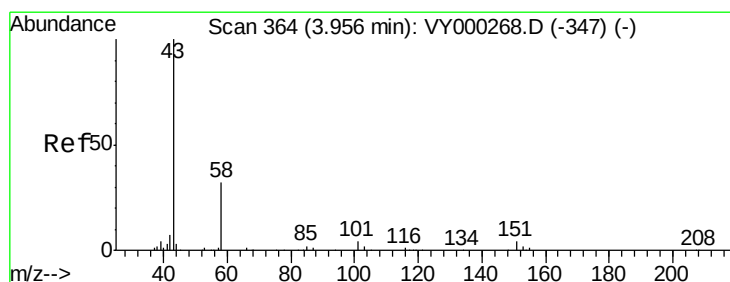
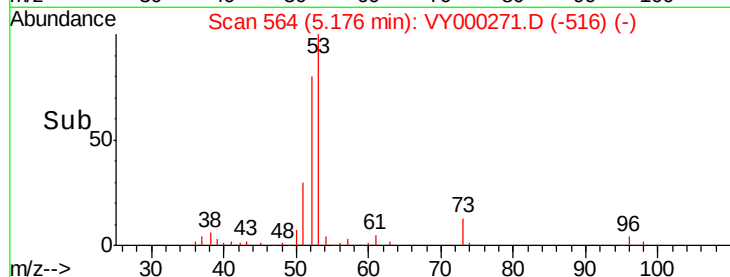
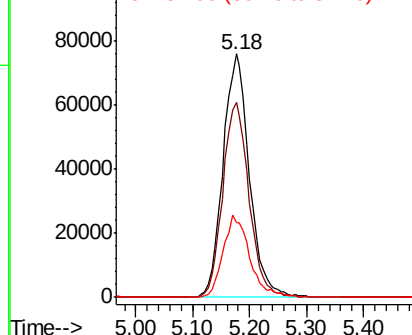
53 100

52 79.8 62.9 94.3

51 34.1 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: 262.948 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000271.D

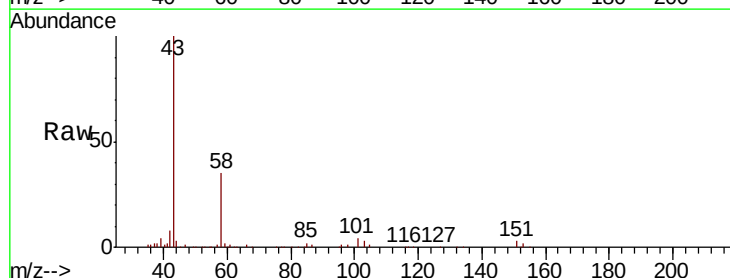
Acq: 11 Oct 2019 15:13

Tgt Ion: 43 Resp: 263114

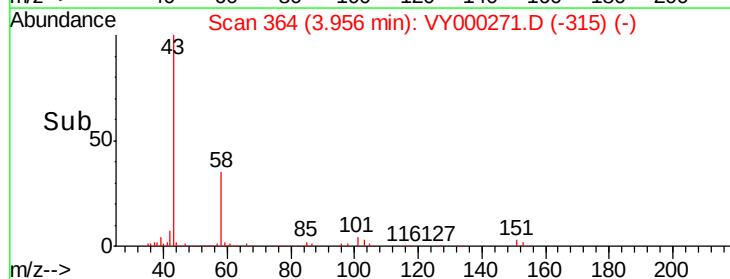
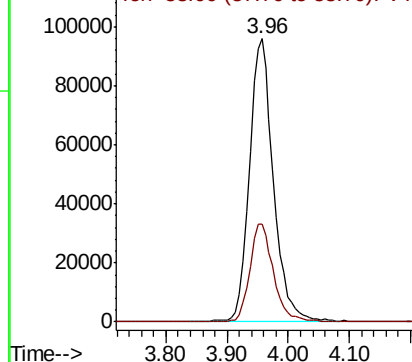
Ion Ratio Lower Upper

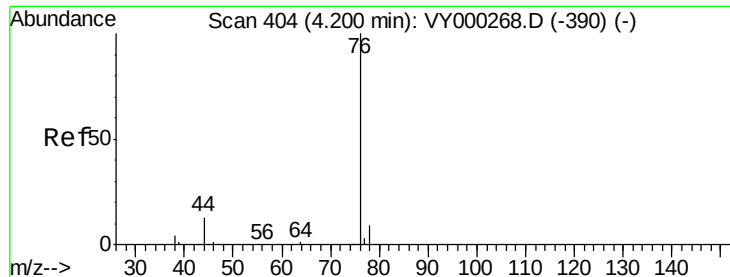
43 100

58 34.7 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: 54.021 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

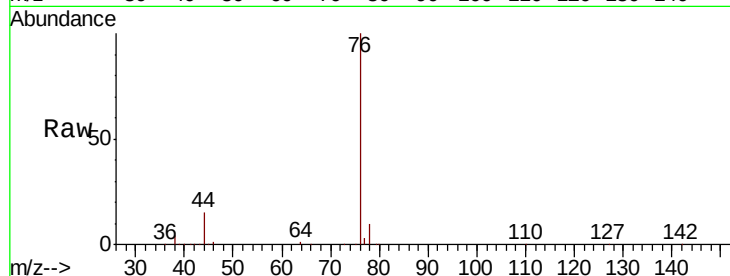
ClientSampled :

Tot Ion: 76 Resp: 503187

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY000268.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VY000271.D (-355) (-)

4.19

200000

150000

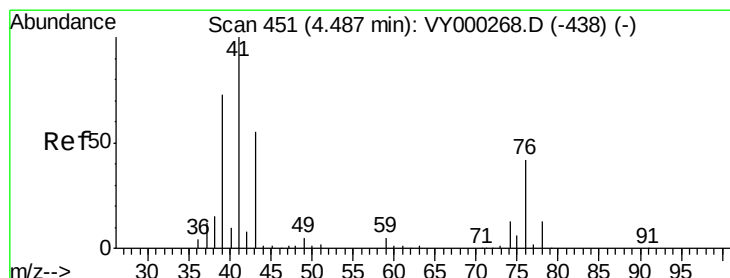
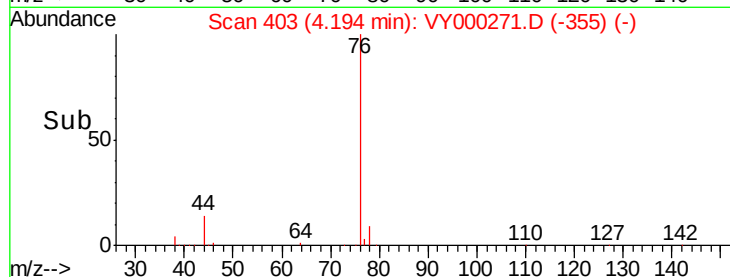
100000

50000

0

Time-->

4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 47.276 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000271.D

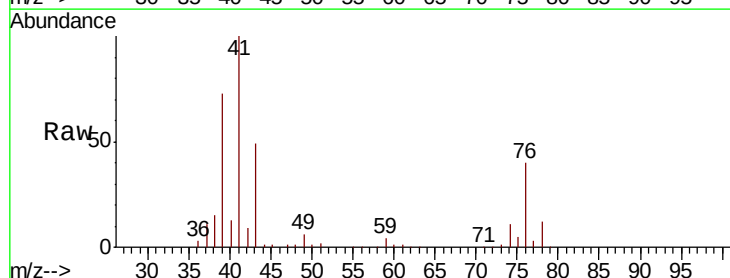
Acq: 11 Oct 2019 15:13

Tgt Ion: 43 Resp: 117536

Ion Ratio Lower Upper

43 100

74 22.8 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-438) (-)

Ion 74.00 (73.70 to 74.70): VY000271.D (-402) (-)

4.49

40000

30000

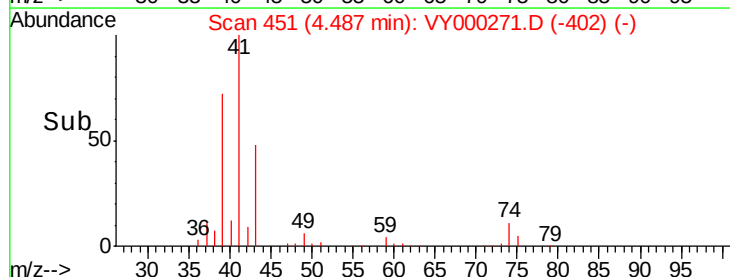
20000

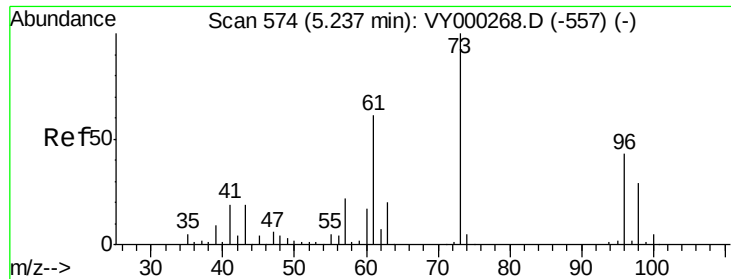
10000

0

Time-->

4.40 4.50 4.60 4.70

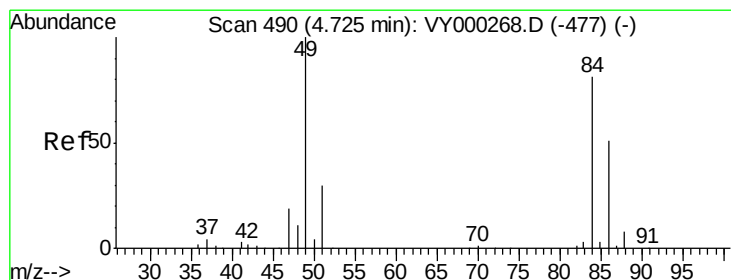
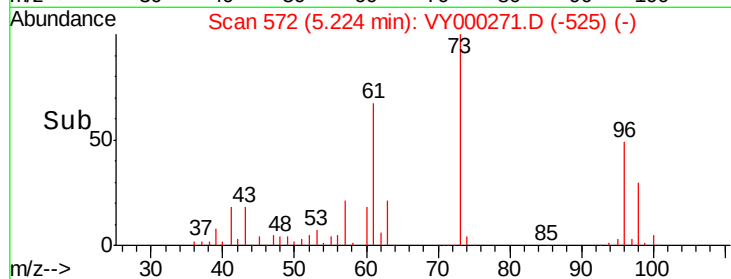
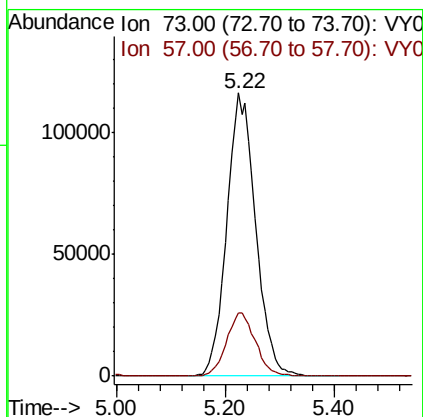
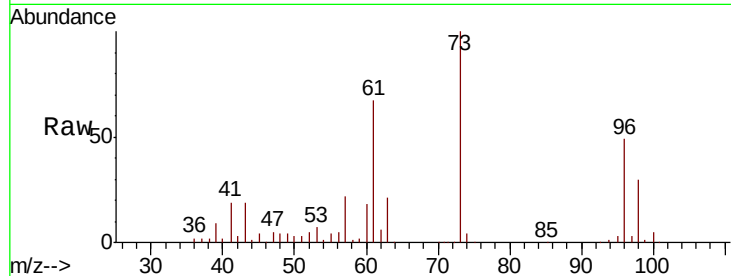




#19
Methyl tert-butyl Ether
Concen: 52.058 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

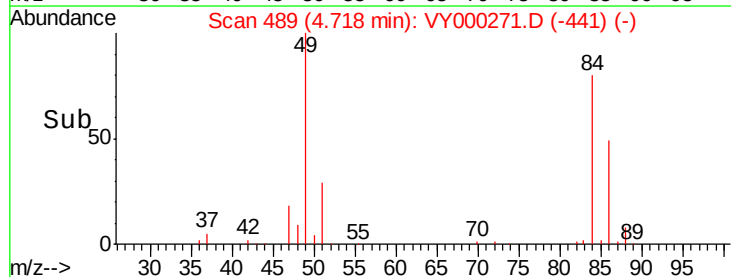
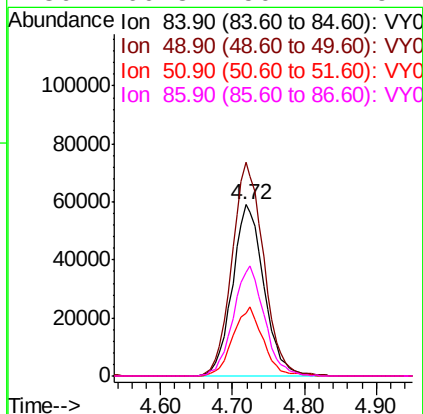
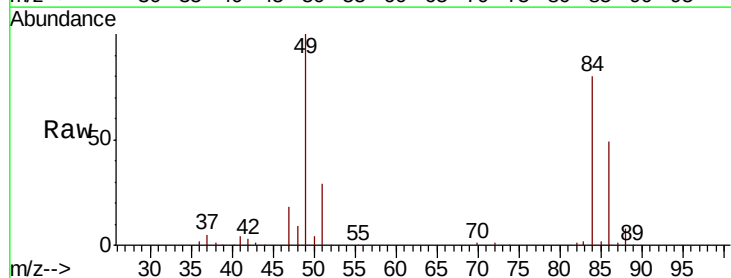
Instrument :
MSVOA_Y
ClientSampled :

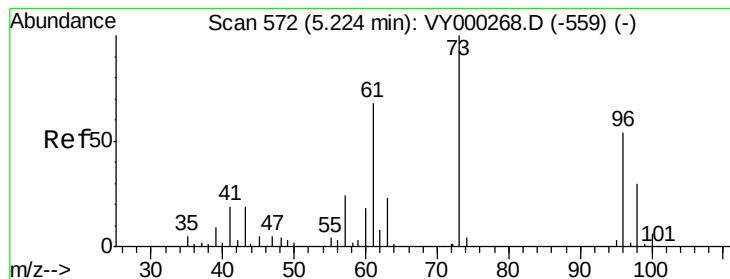
Tot Ion: 73 Resp: 428735
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 53.584 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 84 Resp: 179343
Ion Ratio Lower Upper
84 100
49 124.6 99.0 148.4
51 36.5 29.3 43.9
86 60.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 52.603 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :
MSVOA_Y
ClientSampled :

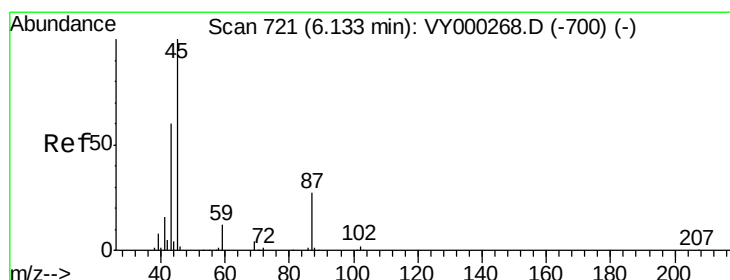
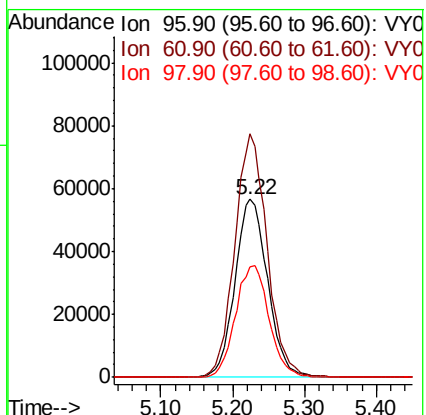
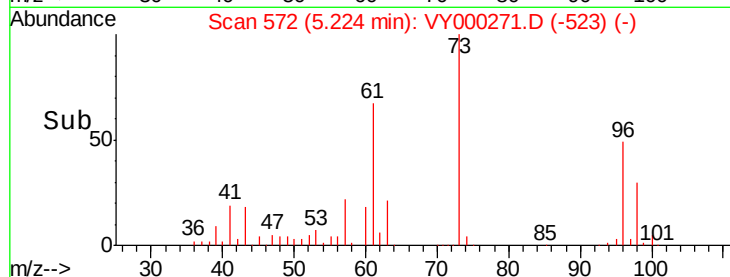
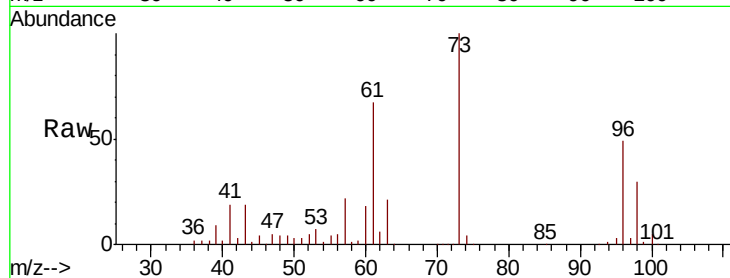
Tot Ion: 96 Resp: 178546

Ion Ratio Lower Upper

96 100

61 137.0 100.4 150.6

98 62.1 44.6 66.8



#22

Diisopropyl ether

Concen: 55.473 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Tgt Ion: 45 Resp: 575216

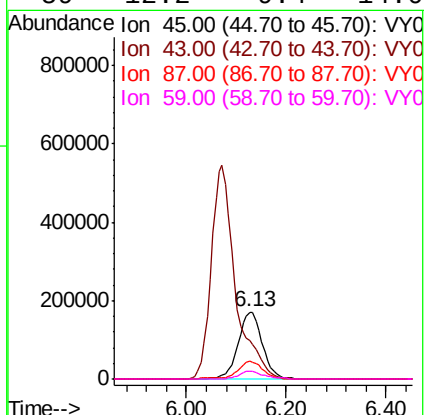
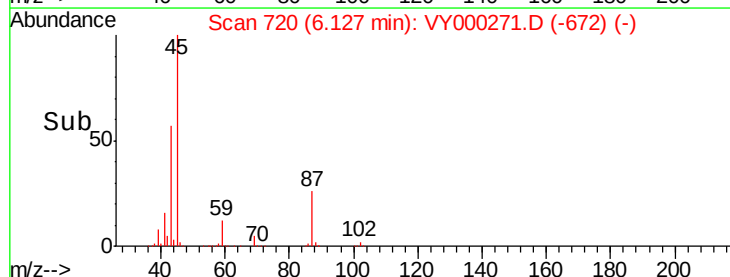
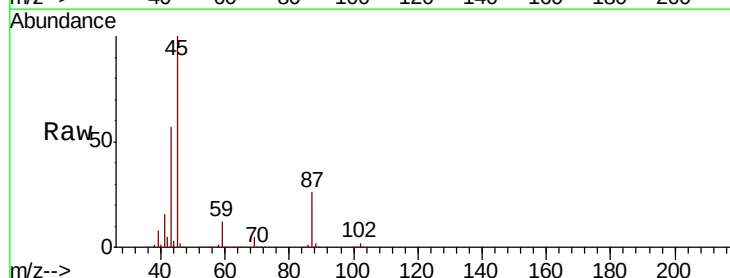
Ion Ratio Lower Upper

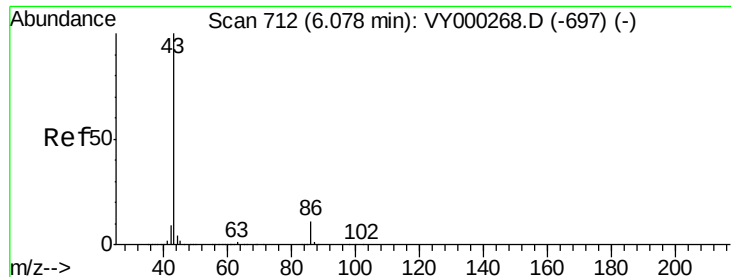
45 100

43 57.1 48.5 72.7

87 25.9 21.5 32.3

59 12.2 9.4 14.0





#23

Vinyl Acetate

Concen: 270.374 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

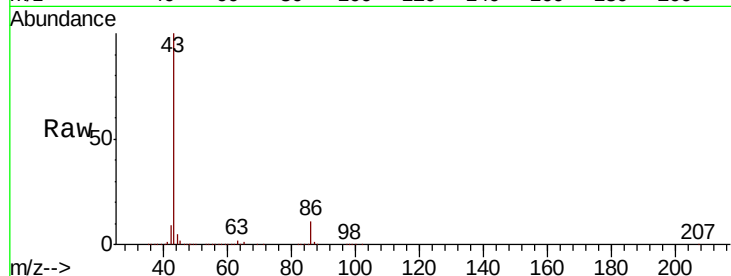
ClientSampleId :

Tot Ion: 43 Resp: 1829015

Ion Ratio Lower Upper

43 100

86 11.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

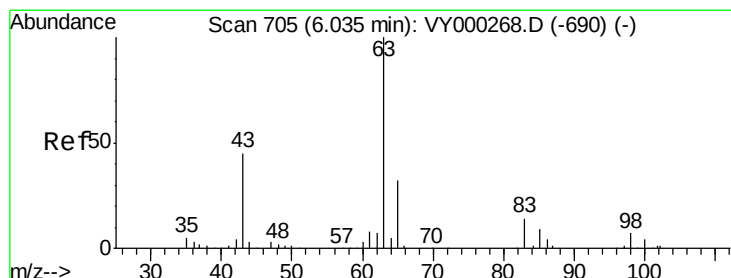
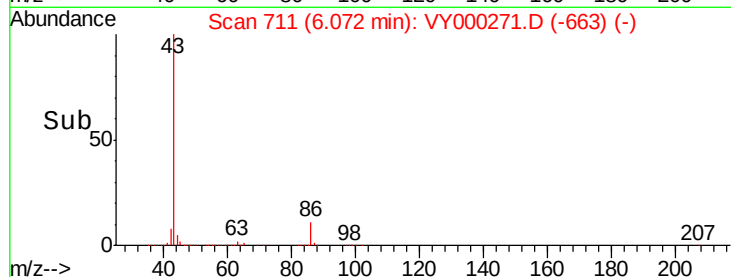
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.011 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

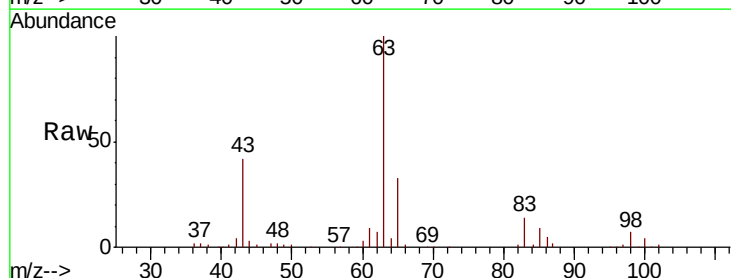
Tgt Ion: 63 Resp: 311357

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.5 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

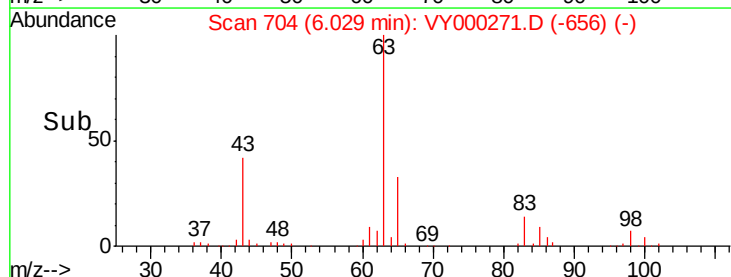
6.03

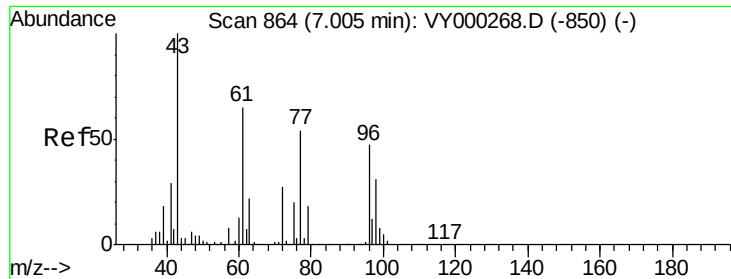
100000

50000

0

Time-->





#25

2-Butanone

Concen: 249.725 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

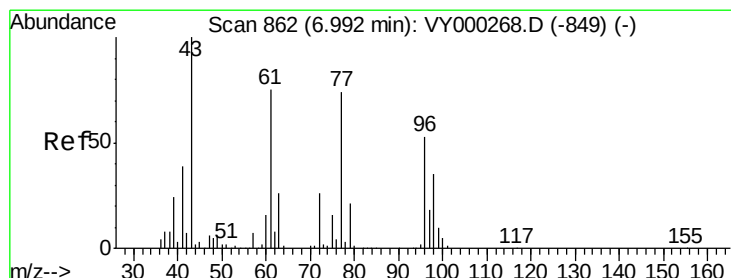
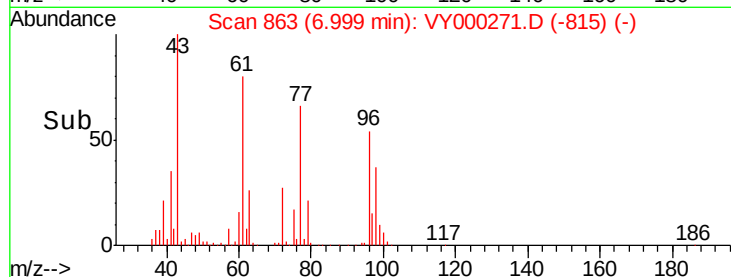
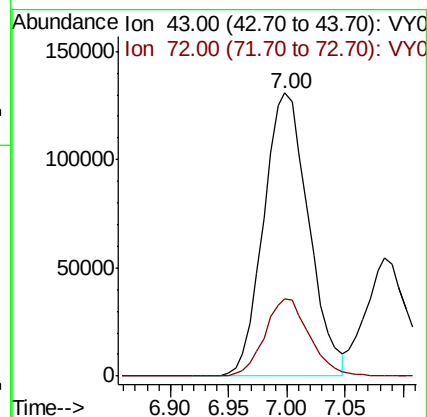
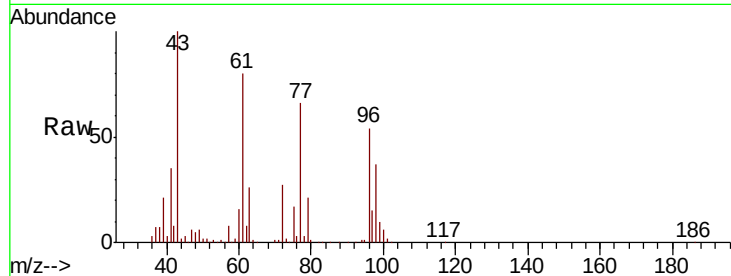
ClientSampled :

Tot Ion: 43 Resp: 352005

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 54.555 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000271.D

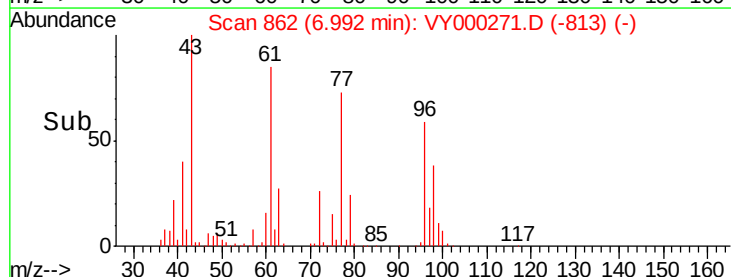
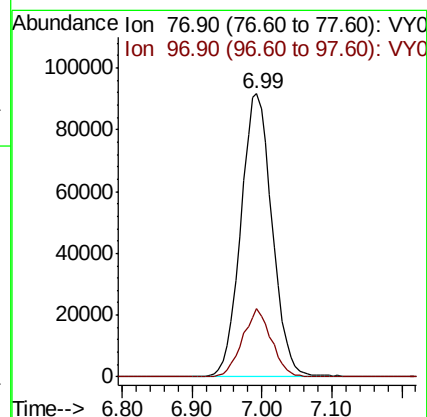
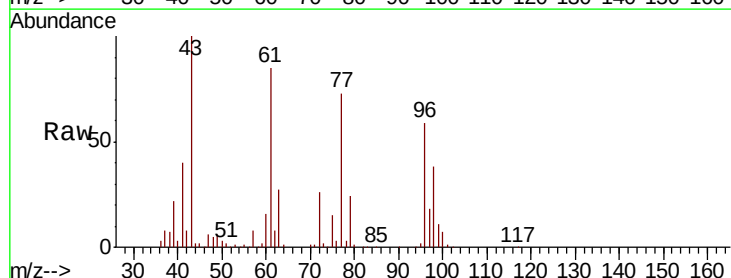
Acq: 11 Oct 2019 15:13

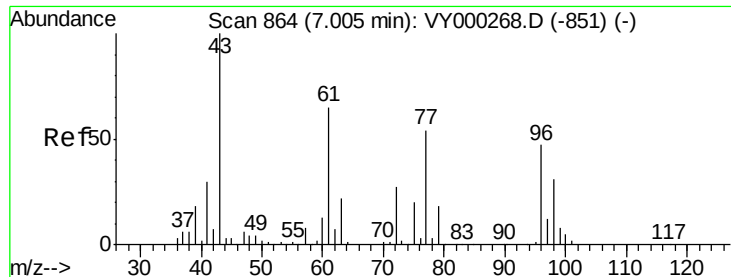
Tgt Ion: 77 Resp: 284527

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.7

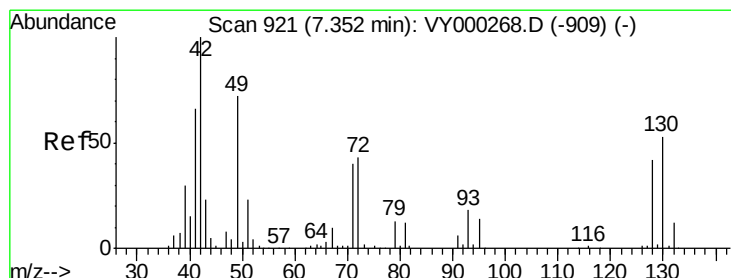
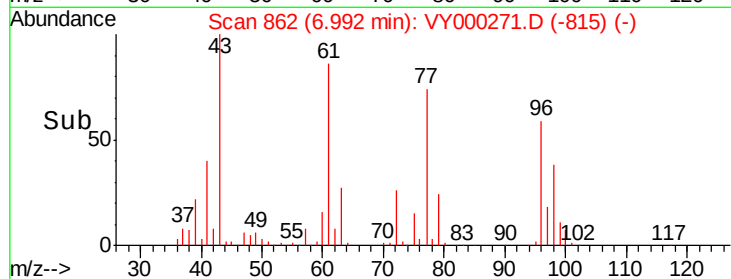
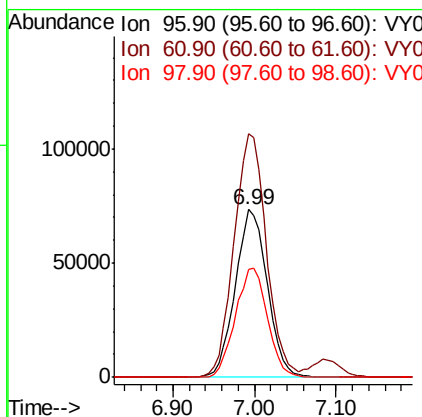
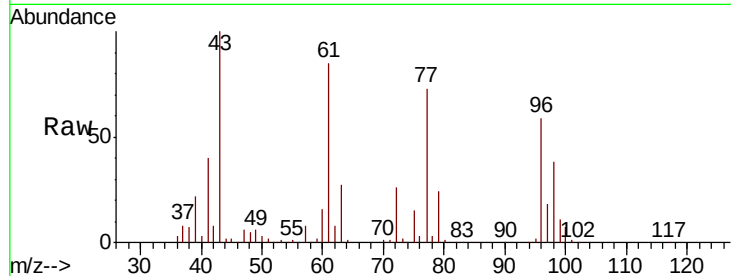




#27
 cis-1,2-Dichloroethene
 Concen: 54.317 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

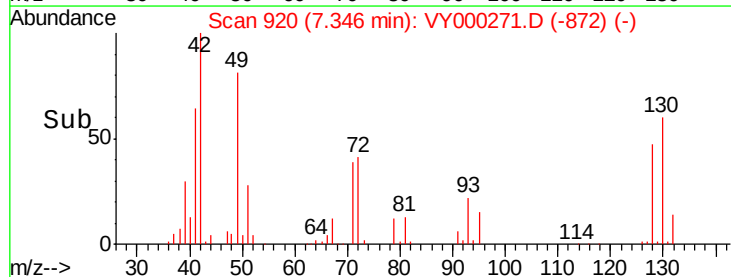
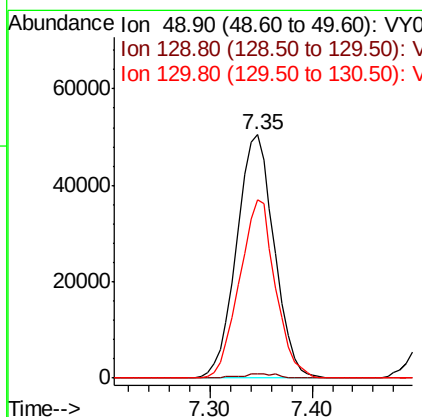
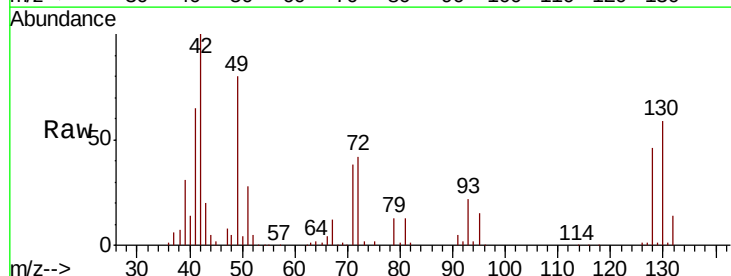
Instrument :
 MSVOA_Y
 ClientSampled :

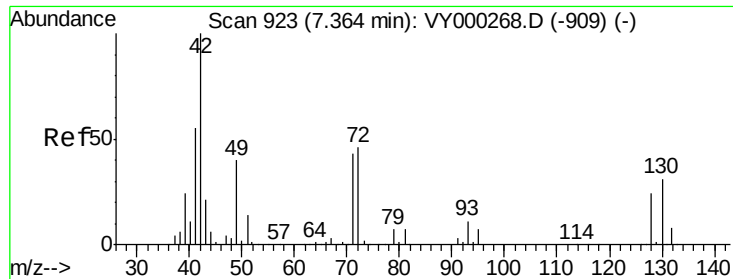
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	289.8
98	65.3	0.0	131.8



#28
 Bromochloromethane
 Concen: 53.214 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	70.4	58.2	87.2

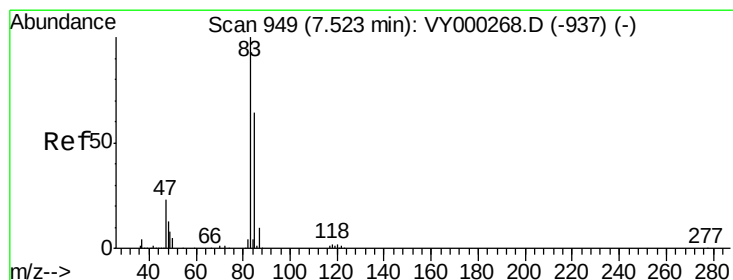
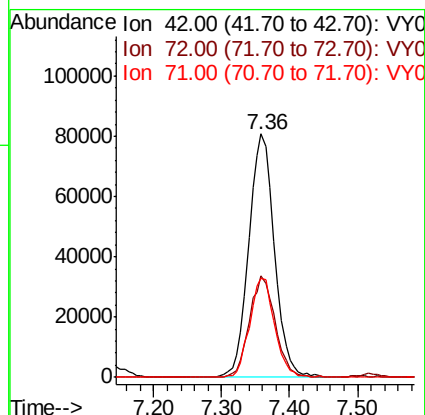
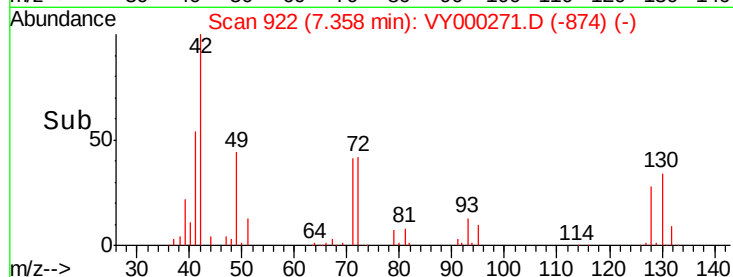
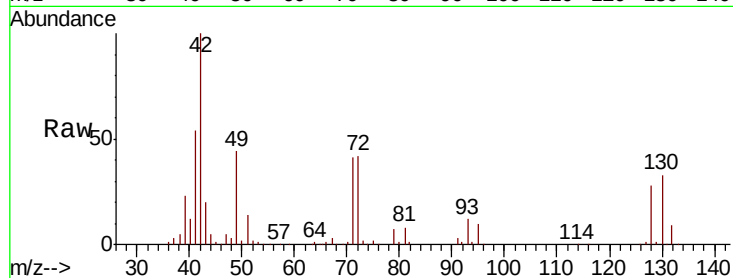




#29
Tetrahydrofuran
Concen: 248.747 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

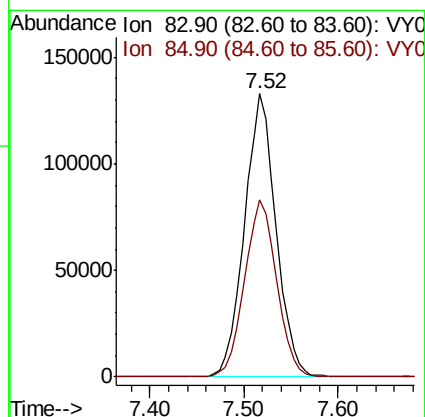
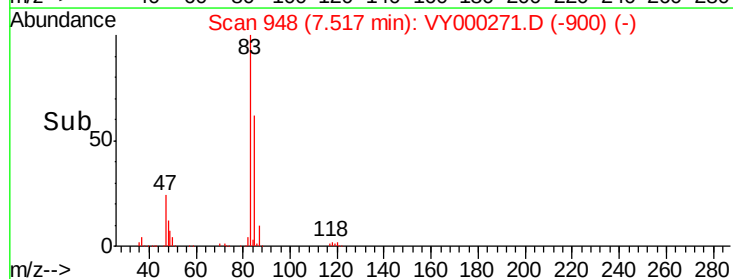
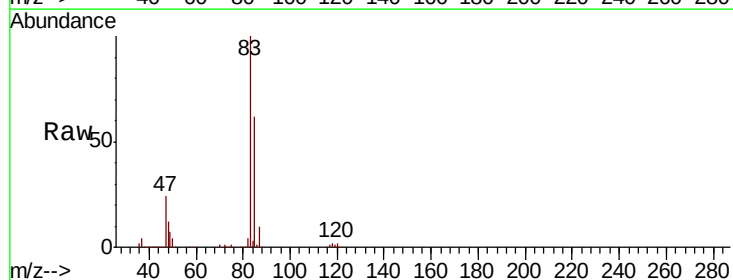
Instrument :
MSVOA_Y
ClientSampleId :

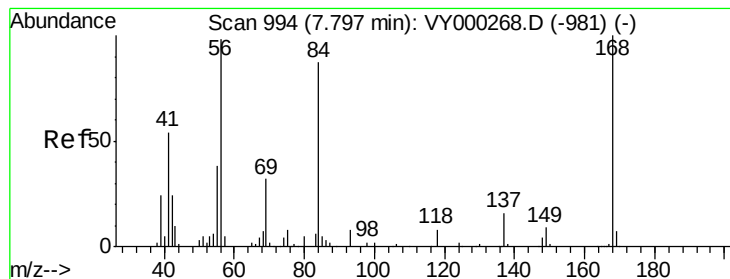
Tot Ion: 42 Resp: 212493
Ion Ratio Lower Upper
42 100
72 41.8 34.5 51.7
71 39.6 32.7 49.1



#30
Chloroform
Concen: 54.564 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 83 Resp: 311013
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2





#31

Cyclohexane

Concen: 53.451 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :
MSVOA_Y
ClientSampleId :

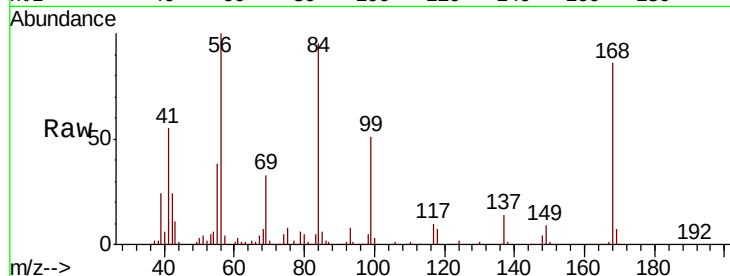
Tot Ion: 56 Resp: 315974

Ion Ratio Lower Upper

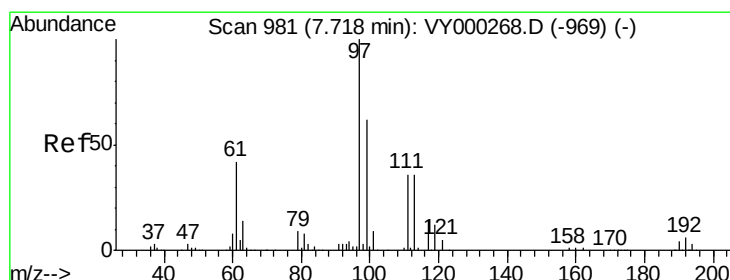
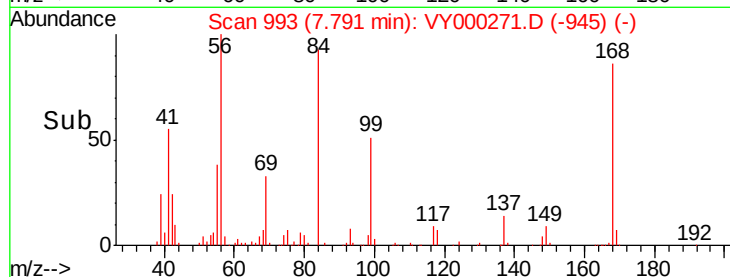
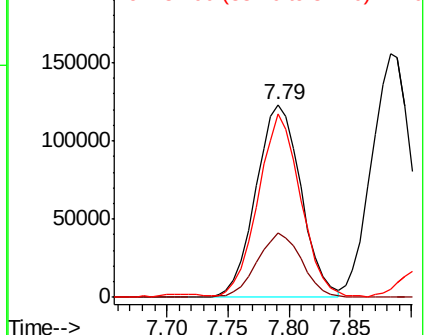
56 100

69 33.5 26.3 39.5

84 93.8 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: 55.362 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

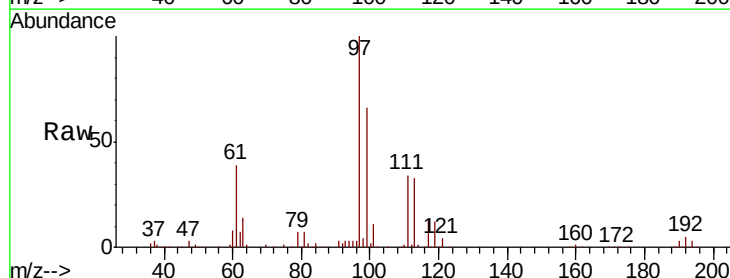
Tgt Ion: 97 Resp: 280546

Ion Ratio Lower Upper

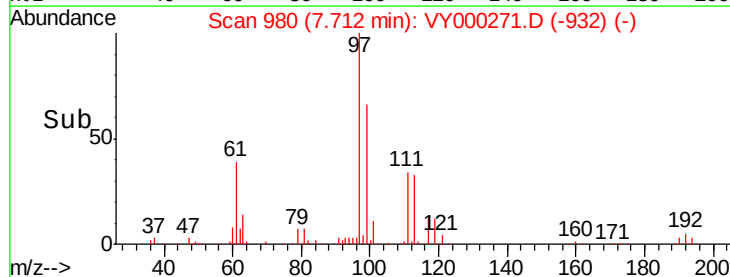
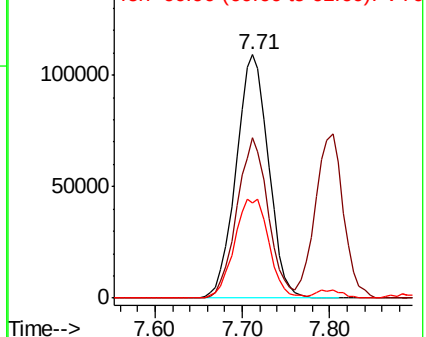
97 100

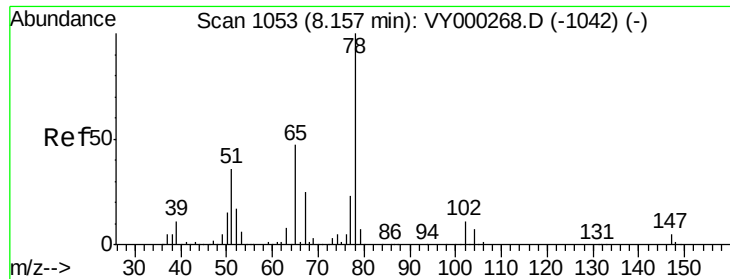
99 63.8 51.7 77.5

61 43.4 34.5 51.7



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

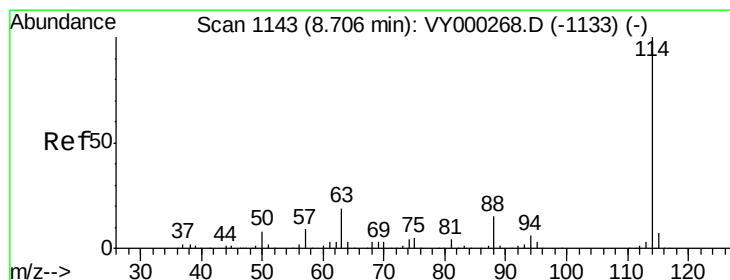
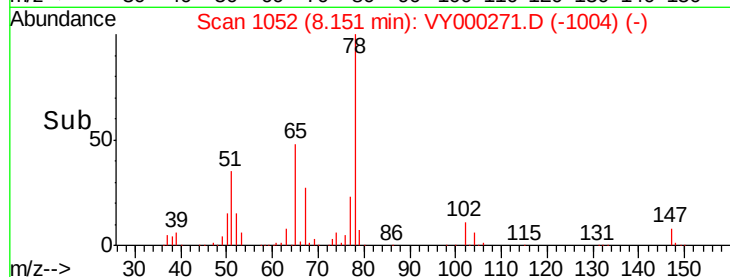
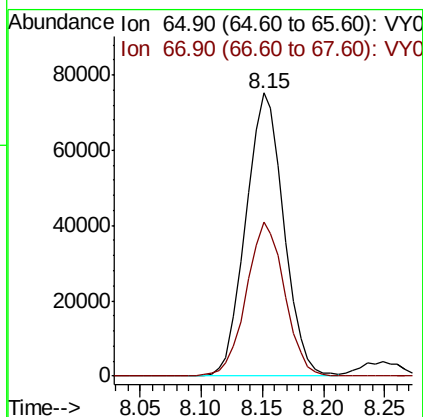
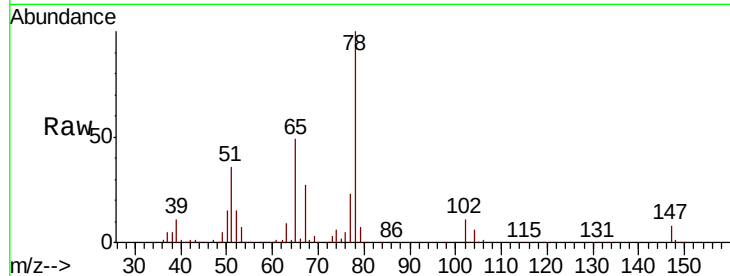




#33
 1,2-Dichloroethane-d4
 Concen: 52.560 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

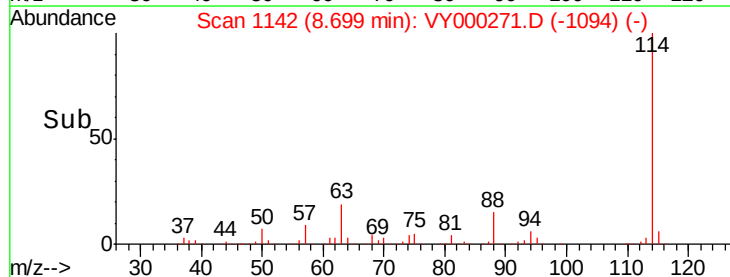
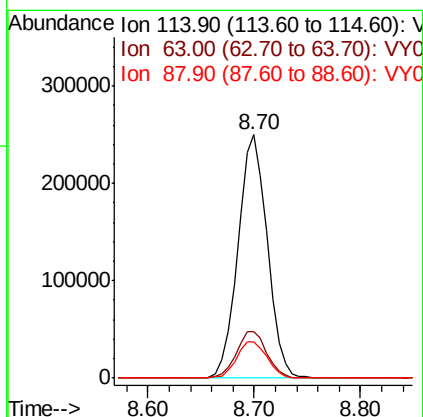
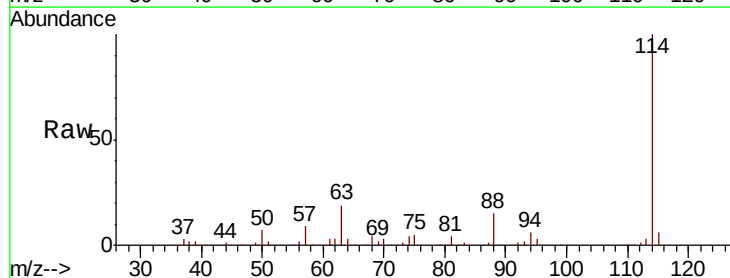
Instrument :
 MSVOA_Y
 ClientSampled :

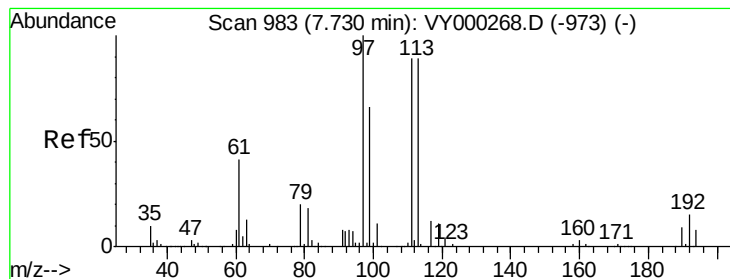
Tot Ion: 65 Resp: 162404
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion: 114 Resp: 482750
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.2
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.150 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampled :

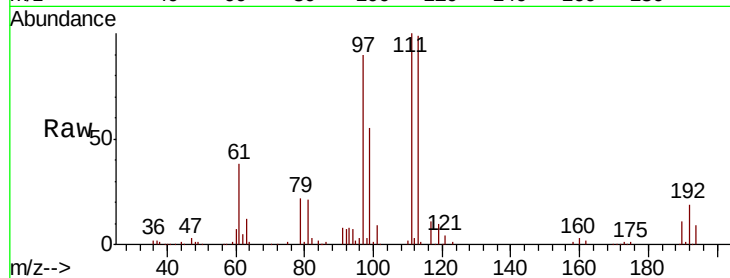
Tot Ion:113 Resp: 151860

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

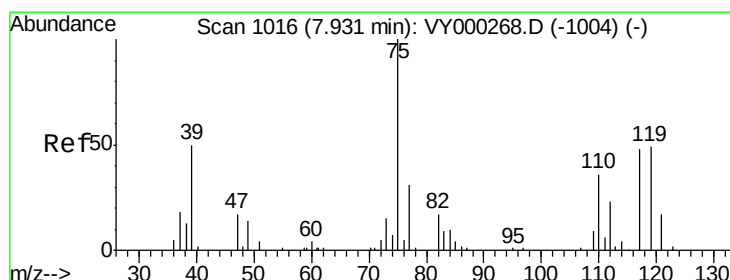
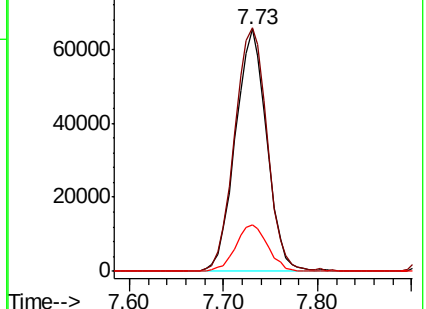
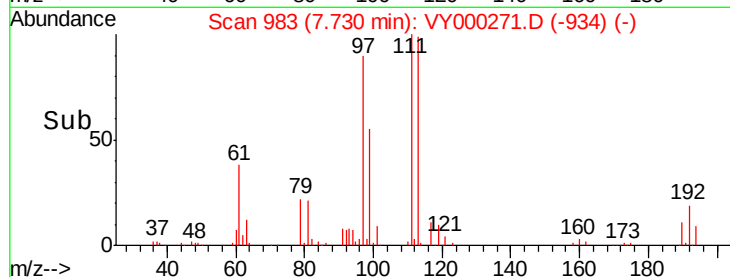
192 19.6 15.3 22.9



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: 53.518 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

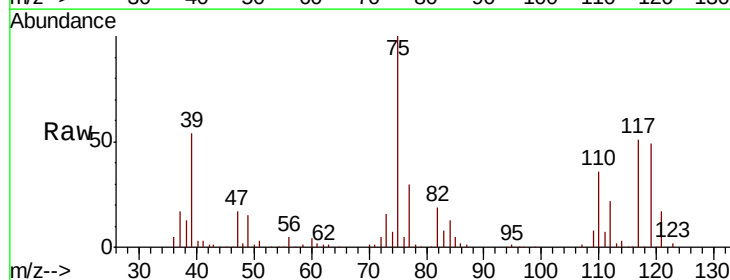
Tgt Ion: 75 Resp: 252947

Ion Ratio Lower Upper

75 100

110 35.8 18.4 55.4

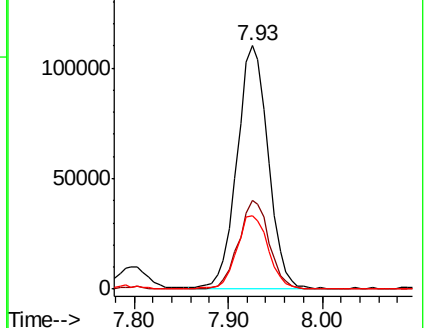
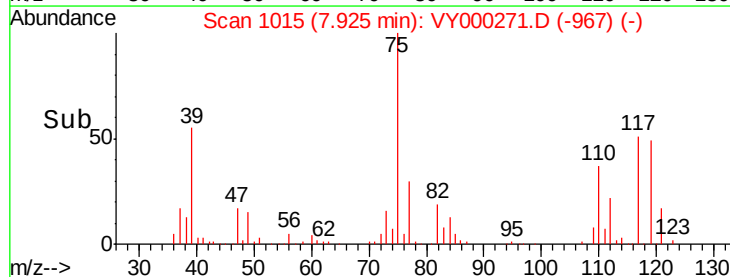
77 30.8 25.0 37.6

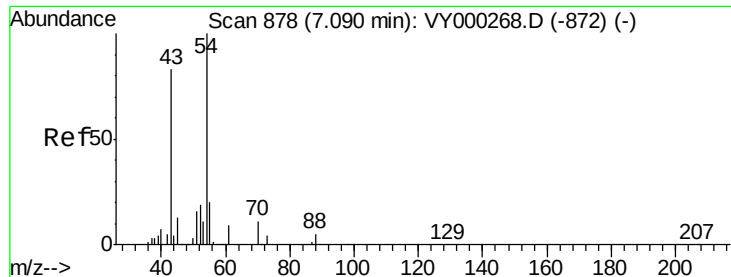


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

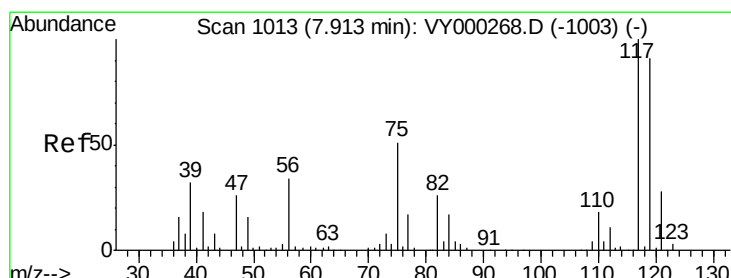
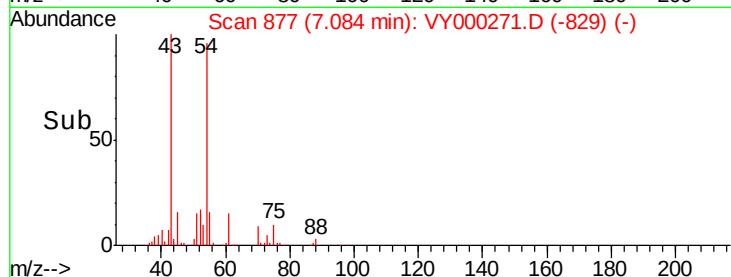
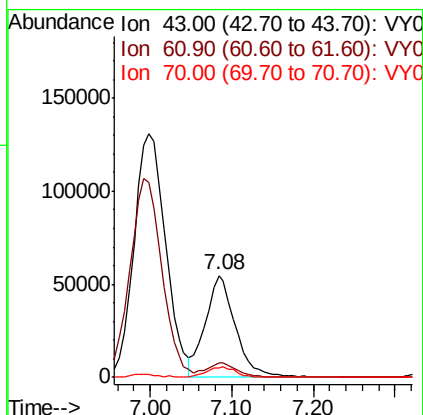
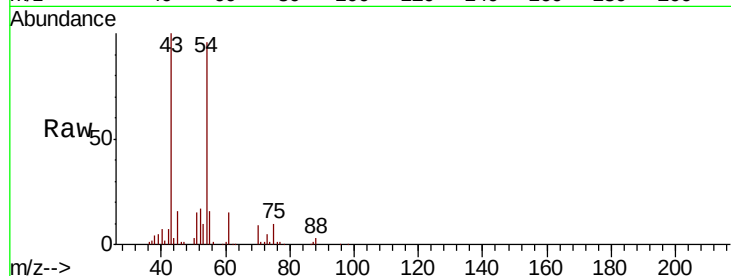




#37
Ethyl Acetate
Concen: 50.072 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

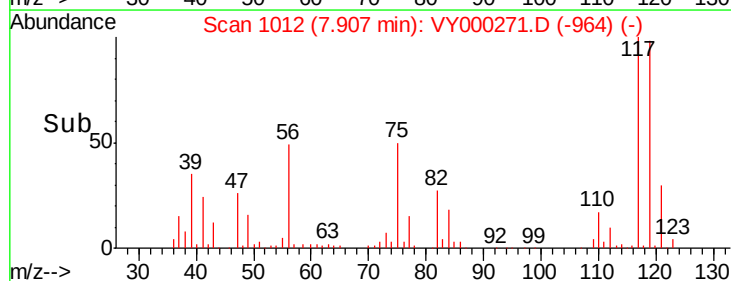
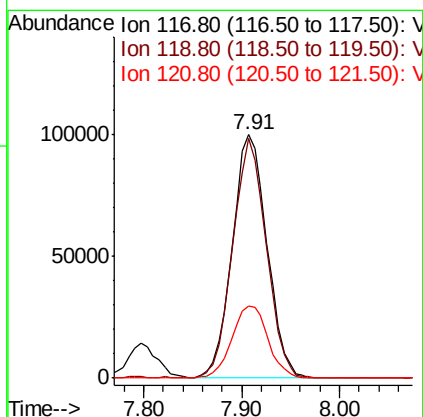
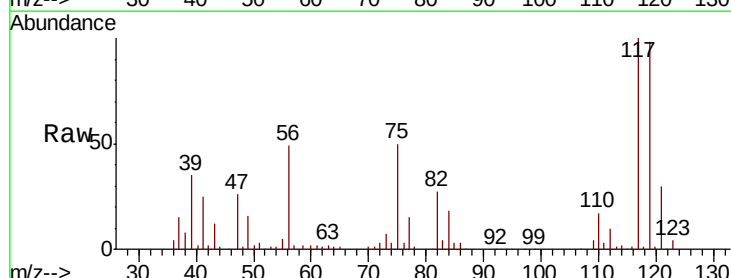
Instrument :
MSVOA_Y
ClientSampleId :

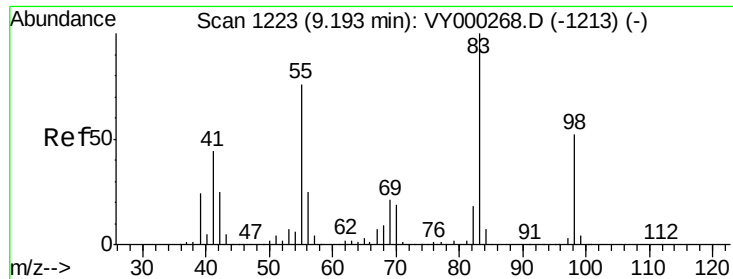
Tot Ion: 43 Resp: 140132
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 10.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 53.935 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 117 Resp: 246823
Ion Ratio Lower Upper
117 100
119 98.4 72.8 109.2
121 29.7 22.2 33.2

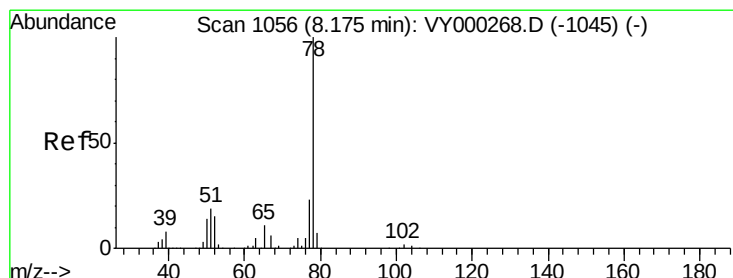
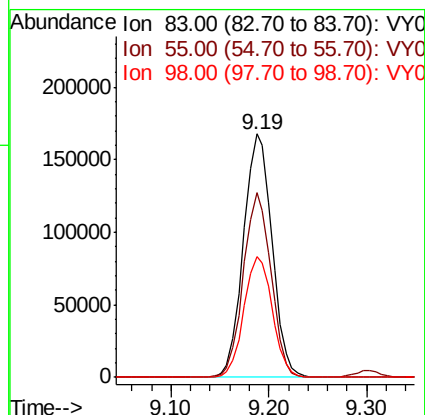
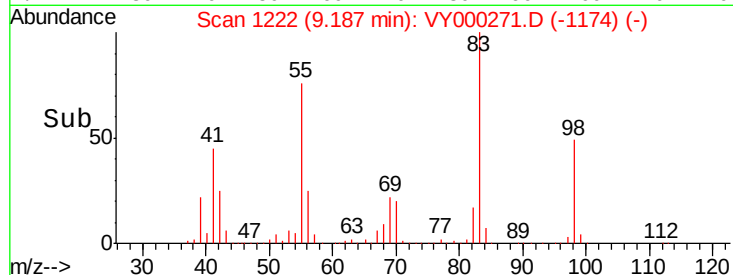
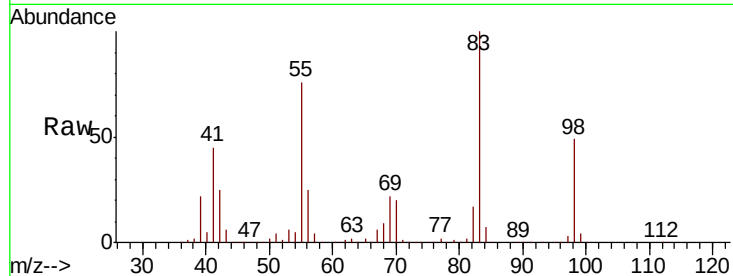




#39
Methylvlcyclohexane
Concen: 54.917 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

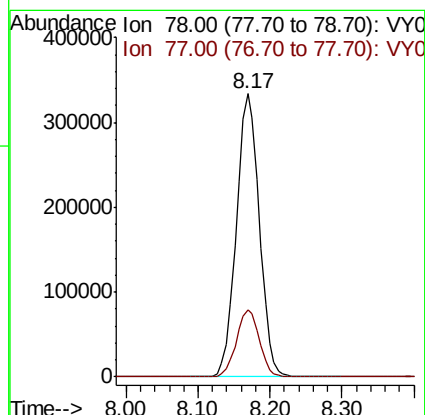
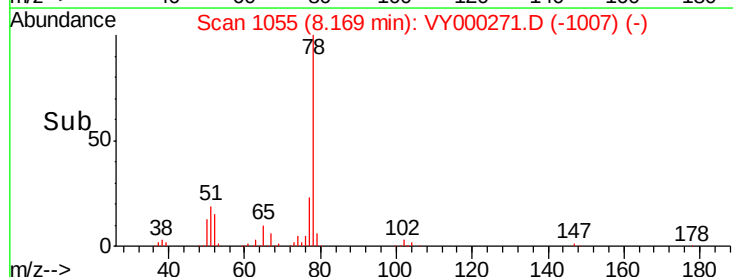
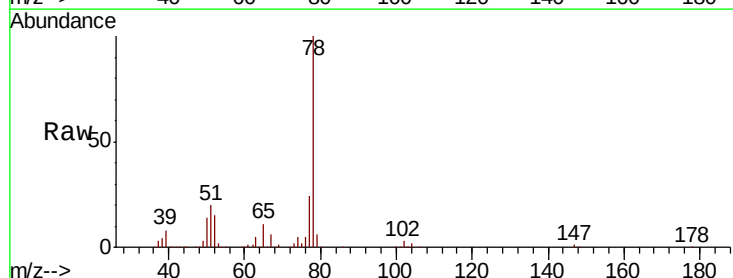
Instrument :
MSVOA_Y
ClientSampled :

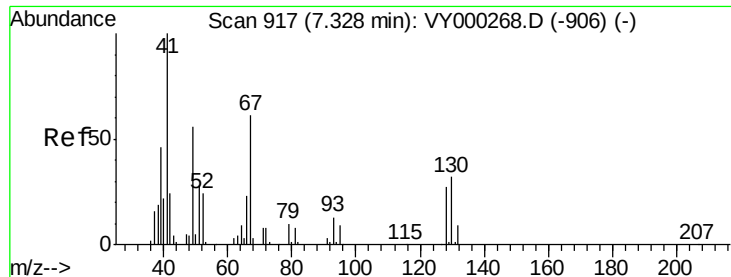
Tot Ion: 83 Resp: 339718
Ion Ratio Lower Upper
83 100
55 75.9 60.9 91.3
98 49.4 41.8 62.6



#40
Benzene
Concen: 53.911 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 78 Resp: 736355
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

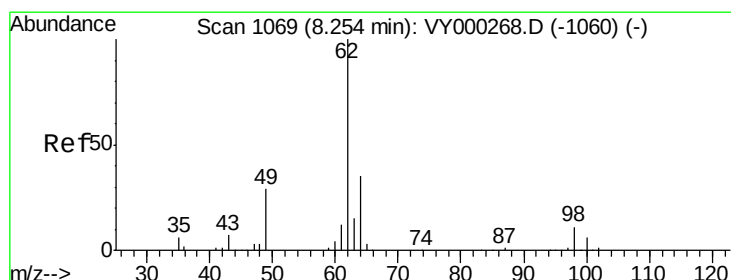
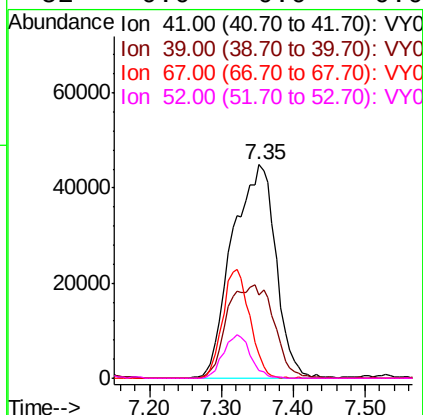
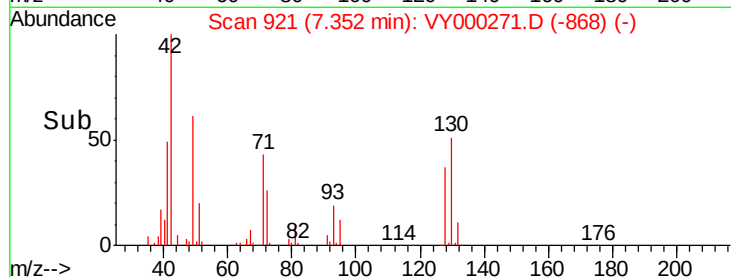
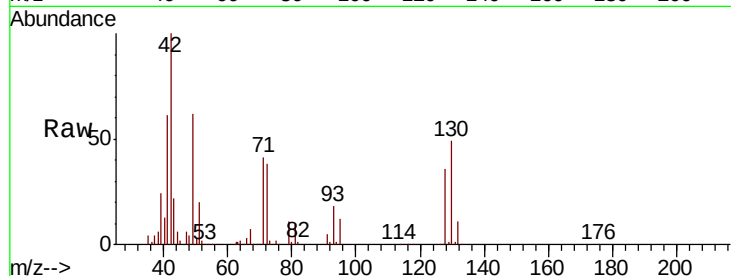




#41
Methacrylonitrile
Concen: 142.000 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

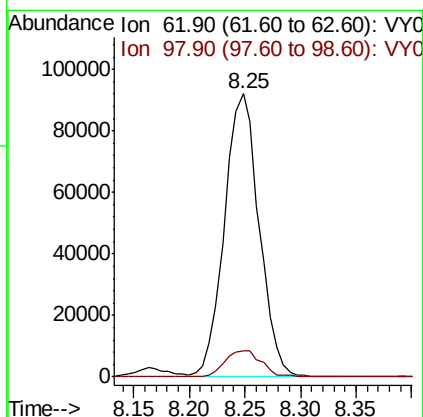
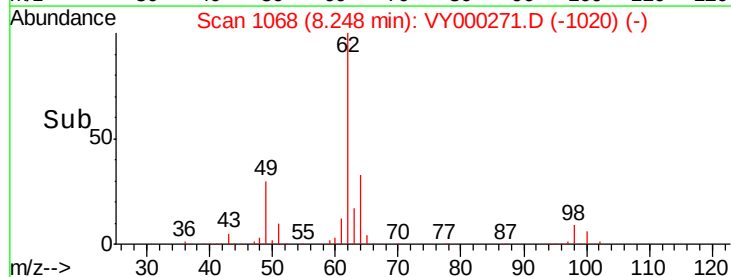
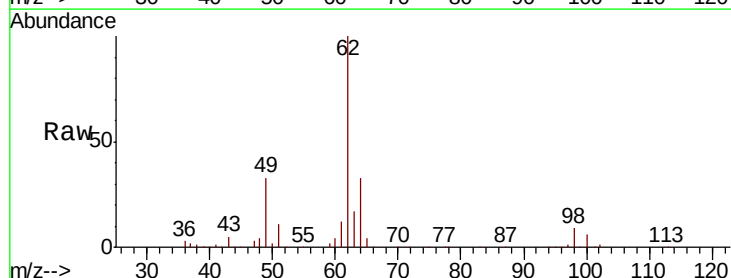
Instrument :
MSVOA_Y
ClientSampleId :

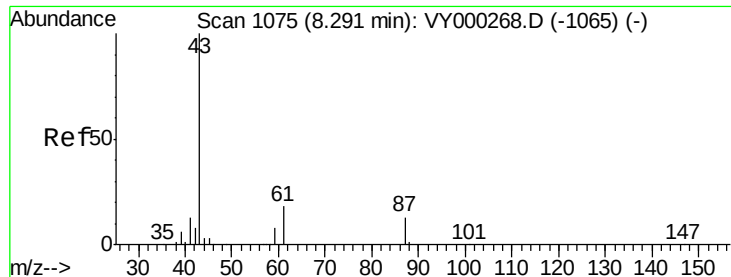
Tot Ion: 41 Resp: 189164
Ion Ratio Lower Upper
41 100
39 46.8 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.880 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 62 Resp: 198515
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6





#43

Isopropyl Acetate

Concen: 50.163 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

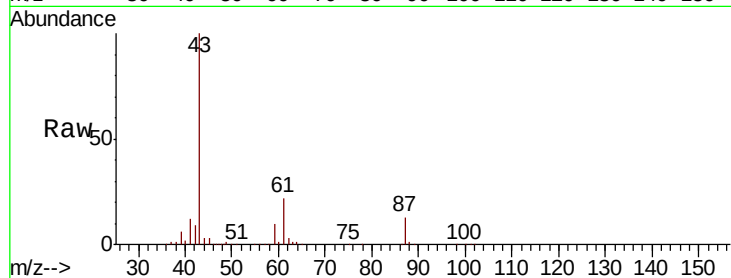
Tot Ion: 43 Resp: 266932

Ion Ratio Lower Upper

43 100

61 28.7 22.3 33.5

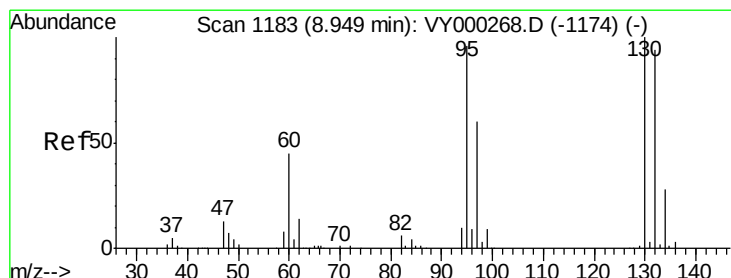
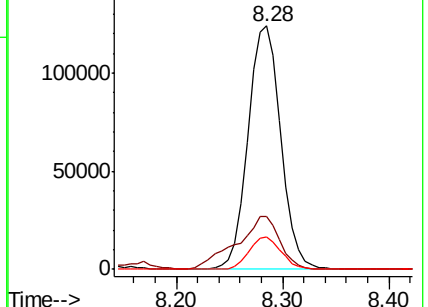
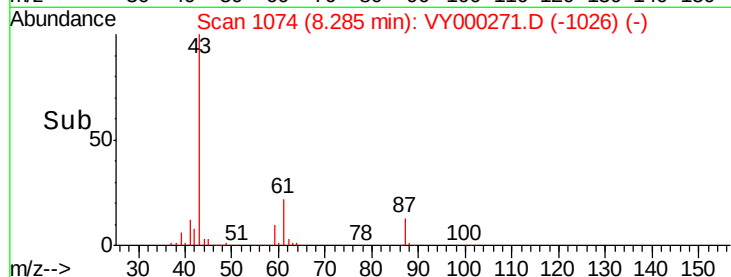
87 12.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY000268.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY000268.D (-1065) (-)



#44

Trichloroethene

Concen: 51.834 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000271.D

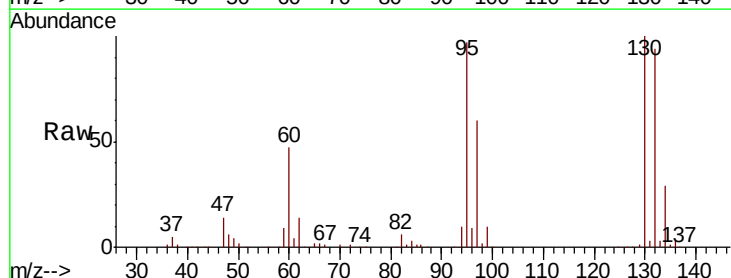
Acq: 11 Oct 2019 15:13

Tgt Ion:130 Resp: 198652

Ion Ratio Lower Upper

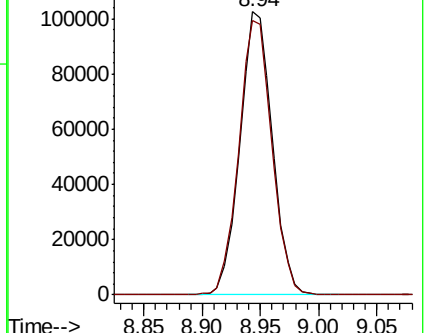
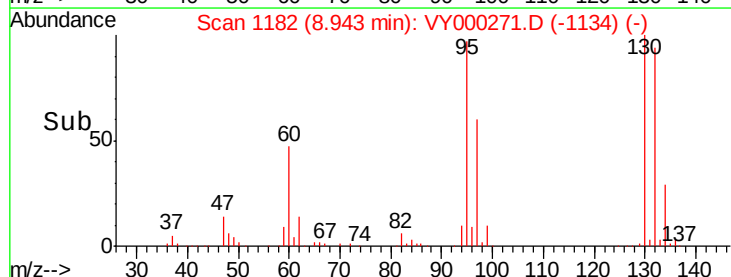
130 100

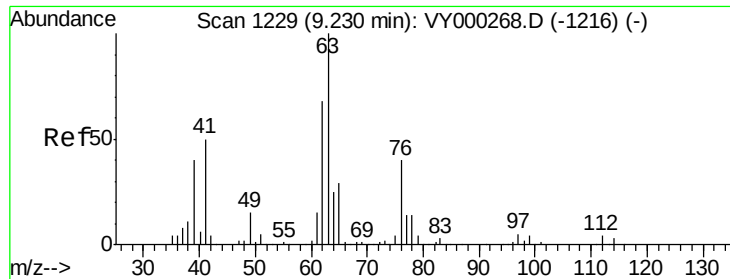
95 97.2 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000268.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY000268.D (-1174) (-)

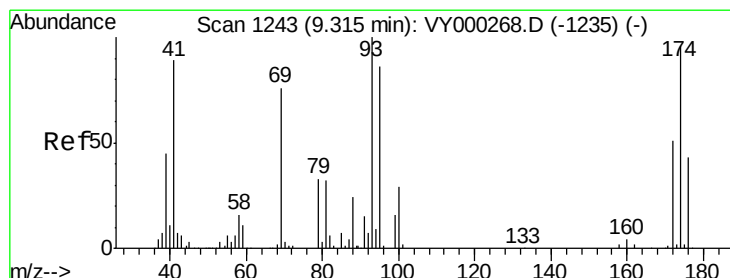
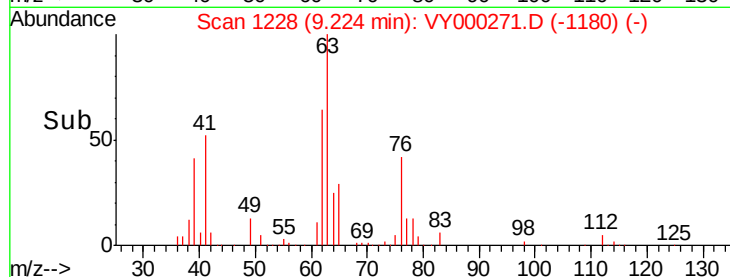
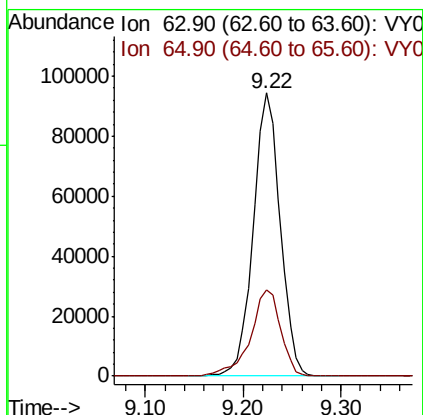
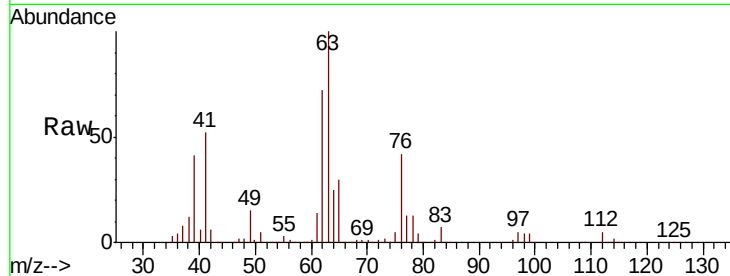




#45
 1,2-Dichloropropane
 Concen: 53.739 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

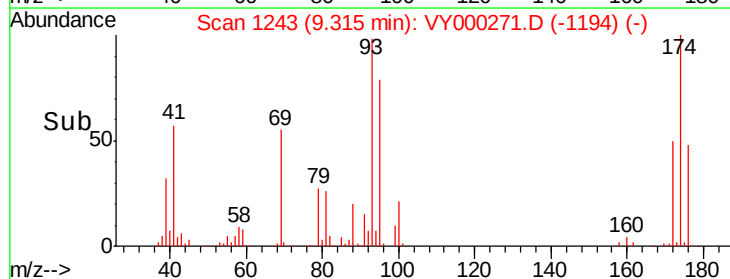
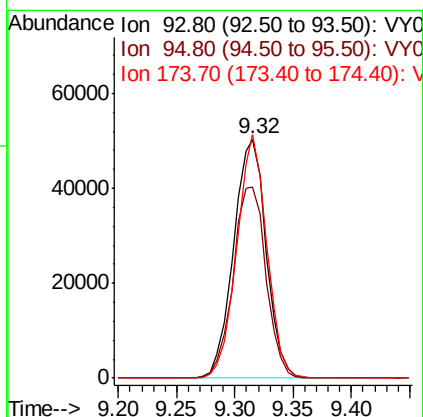
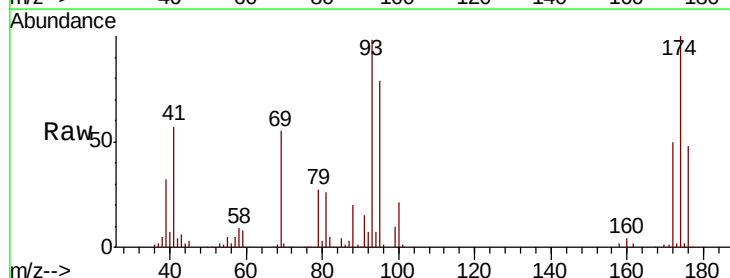
Instrument :
 MSVOA_Y
 ClientSampleId :

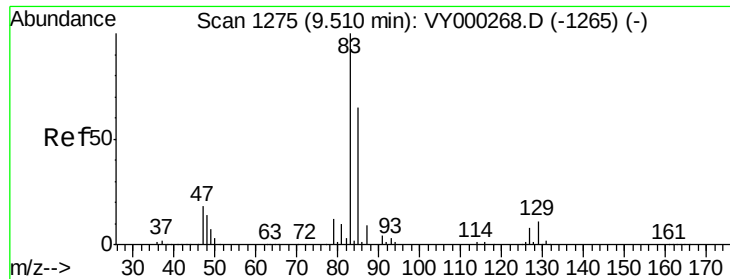
Tot Ion: 63 Resp: 180128
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.2 34.8



#46
 Dibromomethane
 Concen: 52.306 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion: 93 Resp: 98010
 Ion Ratio Lower Upper
 93 100
 95 81.1 68.2 102.2
 174 93.8 79.8 119.6

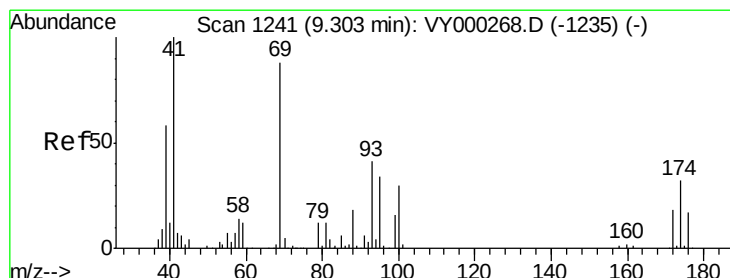
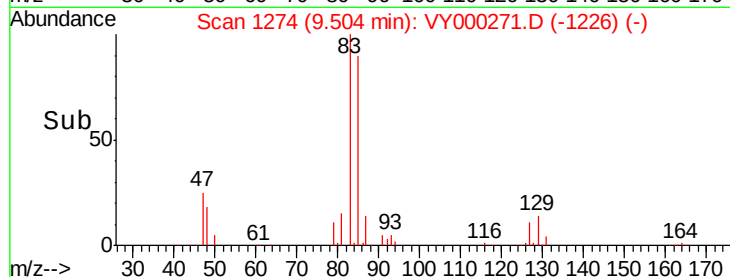
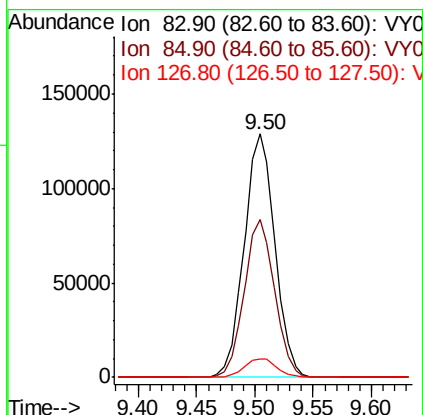
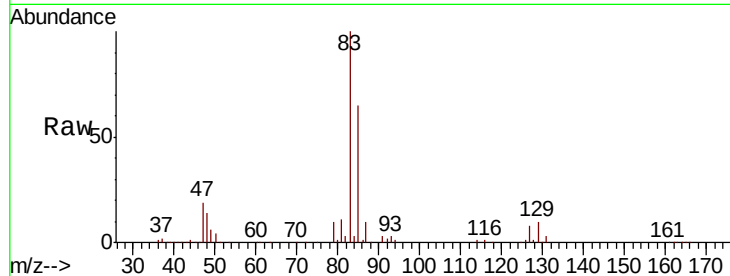




#47
 Bromodichloromethane
 Concen: 53.606 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

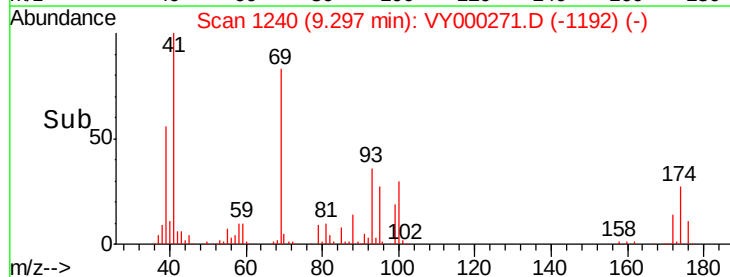
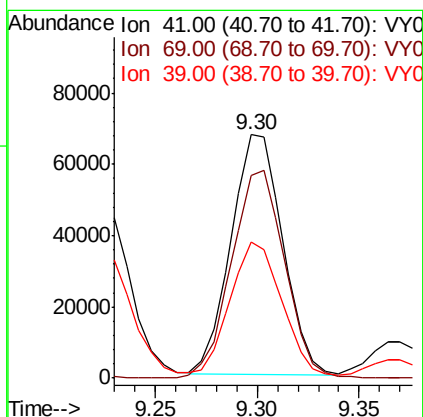
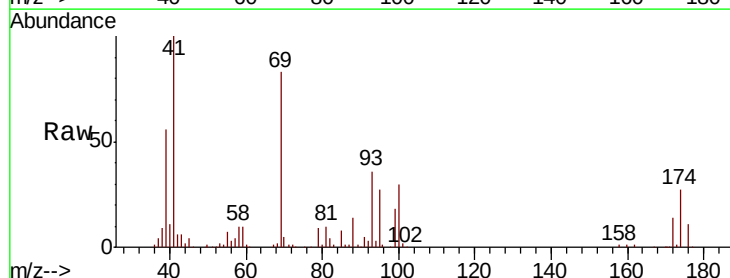
Instrument :
 MSVOA_Y
 ClientSampleId :

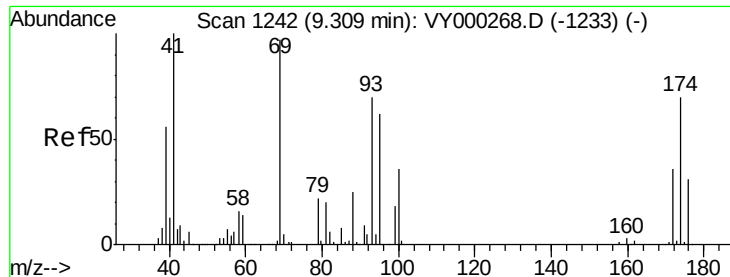
Tot Ion: 83 Resp: 236724
 Ion Ratio Lower Upper
 83 100
 85 64.9 52.2 78.2
 127 7.7 6.3 9.5



#48
 Methyl methacrylate
 Concen: 50.961 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion: 41 Resp: 118846
 Ion Ratio Lower Upper
 41 100
 69 89.1 70.0 105.0
 39 57.5 47.7 71.5





#49

1,4-Dioxane

Concen: 963.369 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :
MSVOA_Y
ClientSampleId :

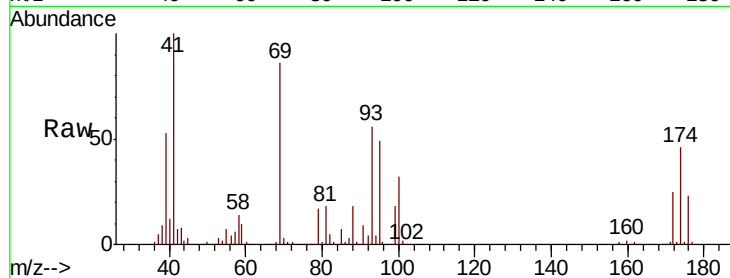
Tot Ion: 88 Resp: 27066

Ion Ratio Lower Upper

88 100

43 32.1 25.6 38.4

58 72.8 54.6 81.8

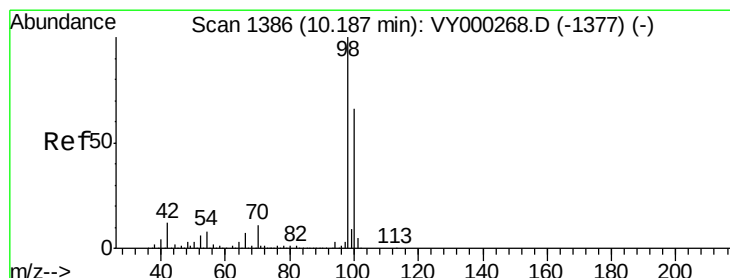
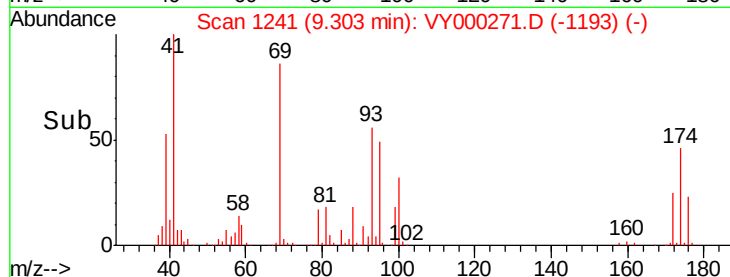
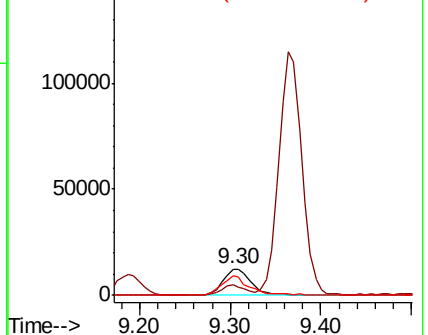


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 56.341 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000271.D

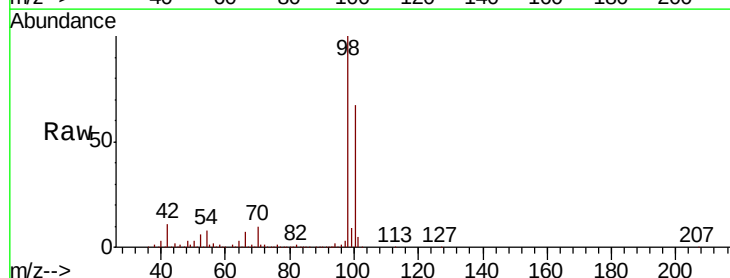
Acq: 11 Oct 2019 15:13

Tgt Ion: 98 Resp: 631109

Ion Ratio Lower Upper

98 100

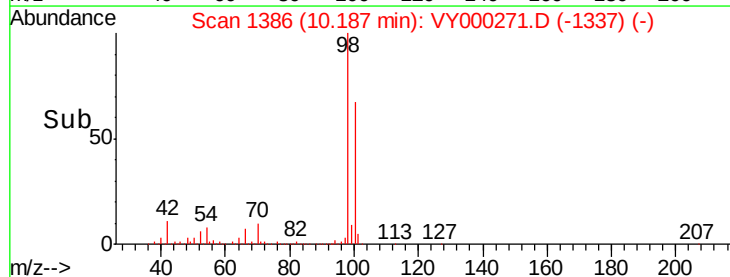
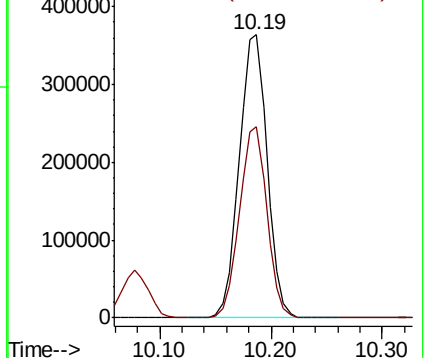
100 66.6 52.8 79.2

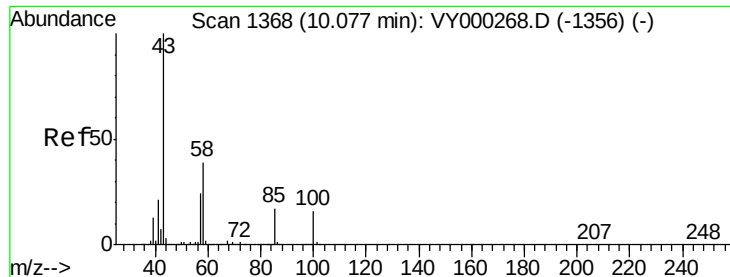


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

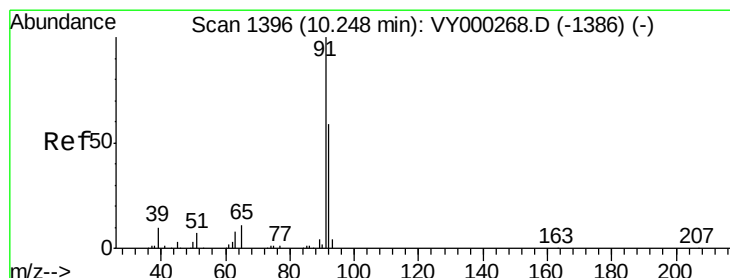
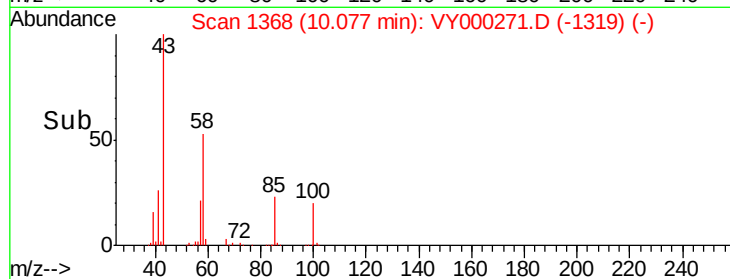
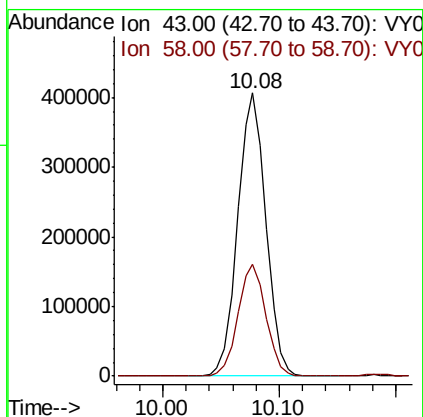
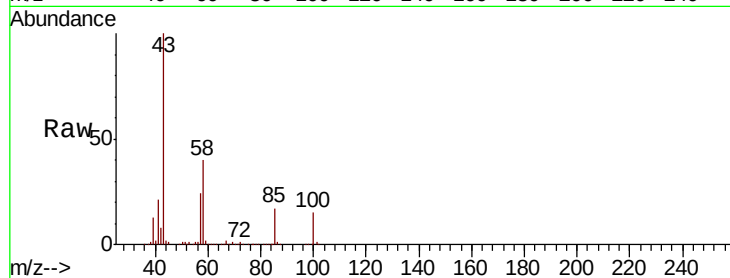




#51
4-Methyl-2-Pentanone
Concen: 248.853 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

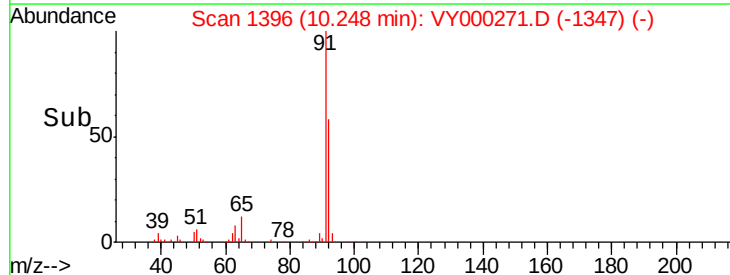
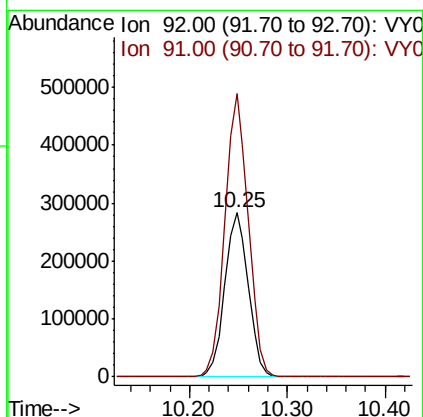
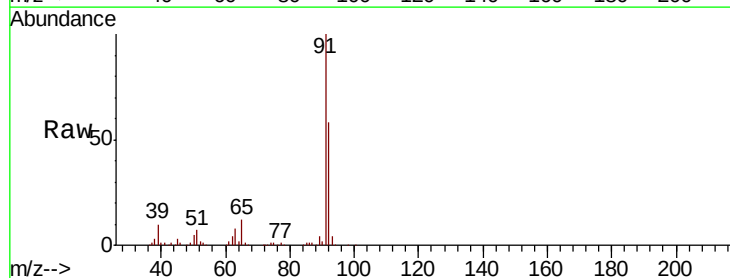
Instrument :
MSVOA_Y
ClientSampled :

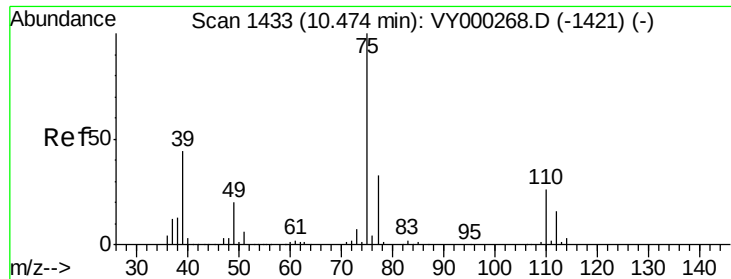
Tot Ion: 43 Resp: 683002
Ion Ratio Lower Upper
43 100
58 39.0 31.0 46.6



#52
Toluene
Concen: 54.451 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 92 Resp: 472193
Ion Ratio Lower Upper
92 100
91 170.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.941 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

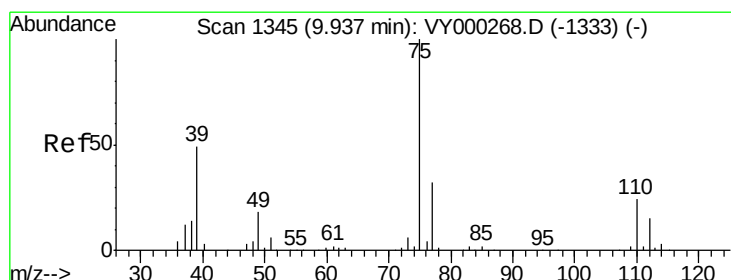
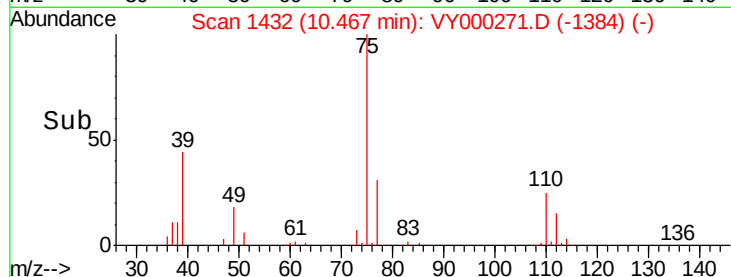
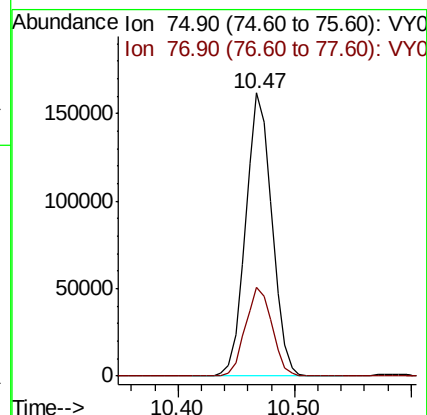
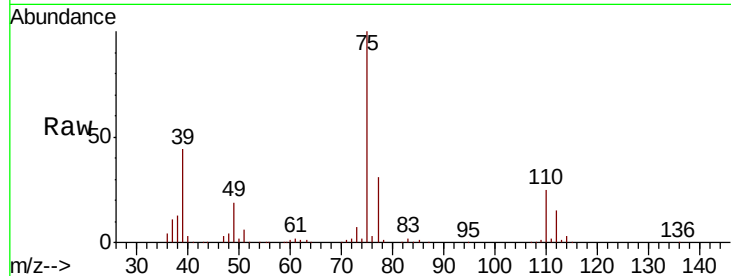
ClientSampleId :

Tot Ion: 75 Resp: 255281

Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 54.664 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

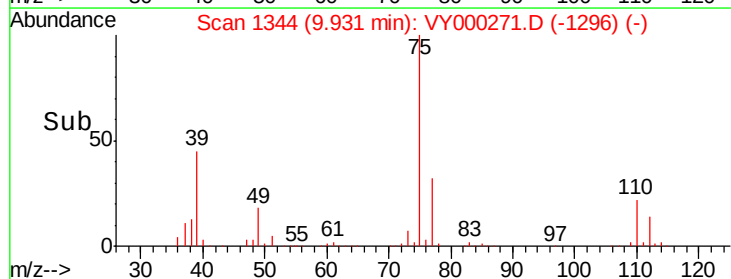
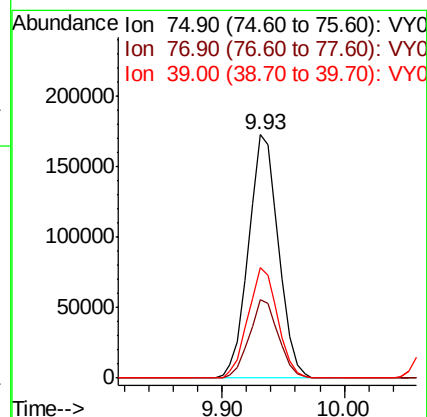
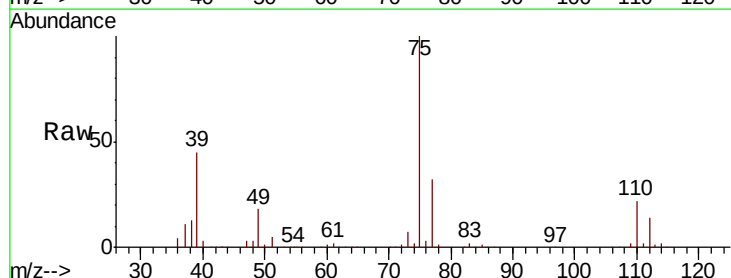
Tgt Ion: 75 Resp: 293795

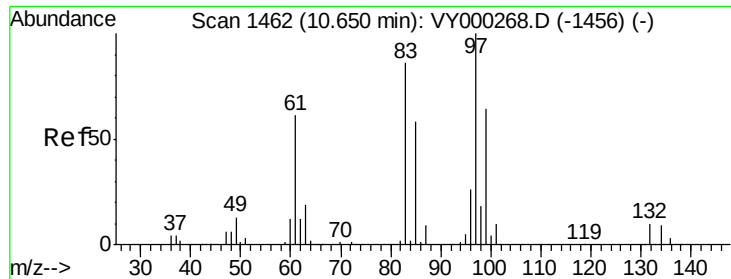
Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

39 45.4 38.8 58.2

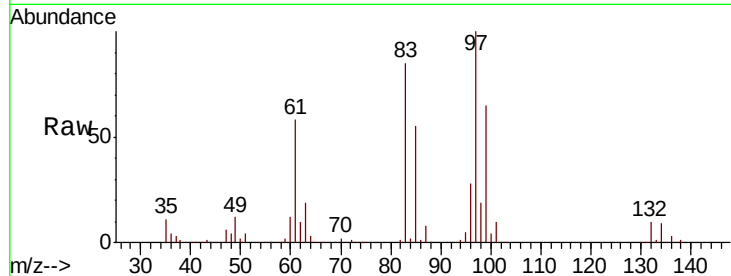




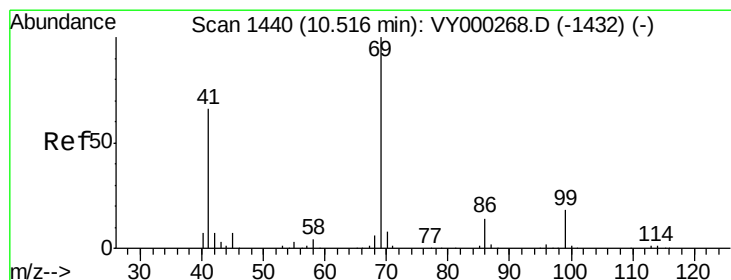
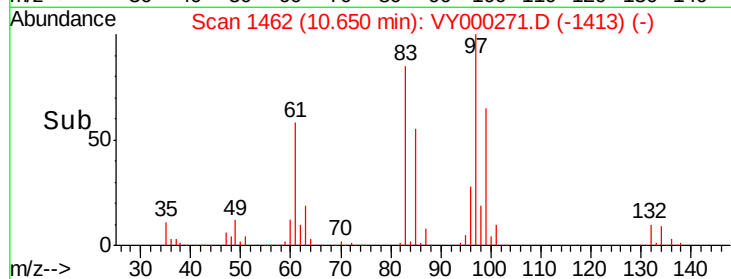
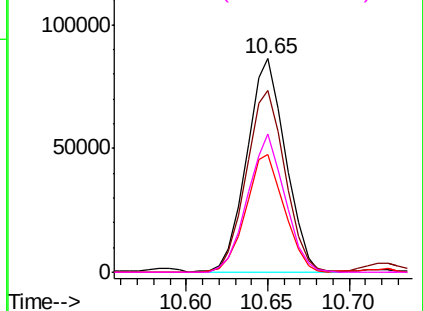
#55
 1,1,2-Trichloroethane
 Concen: 52.330 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	142569
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.0	103.6
85	55.4	46.2	69.4
99	64.9	51.1	76.7

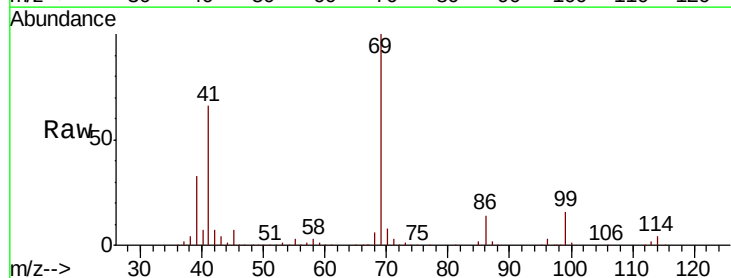


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

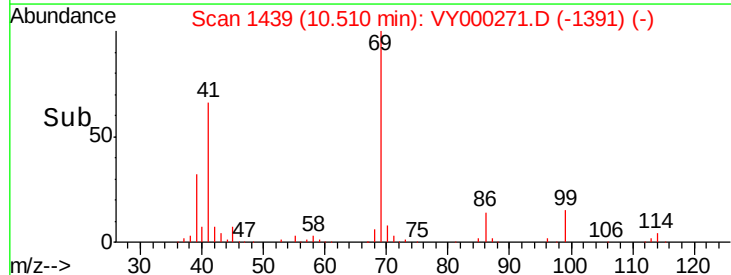
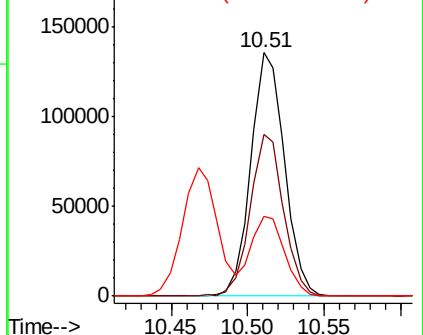


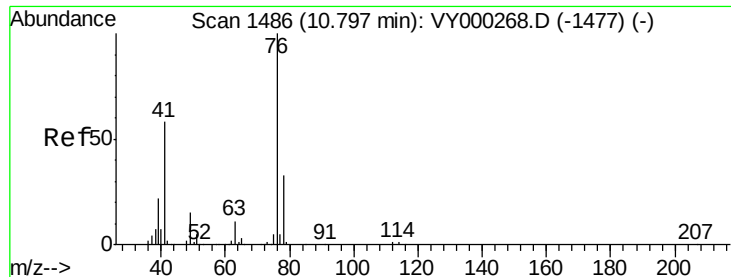
#56
 Ethyl methacrylate
 Concen: 53.282 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion:	69	Resp:	206911
Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.5	78.7
39	33.2	26.7	40.1



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





#57

1,3-Dichloropropane

Concen: 52.483 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

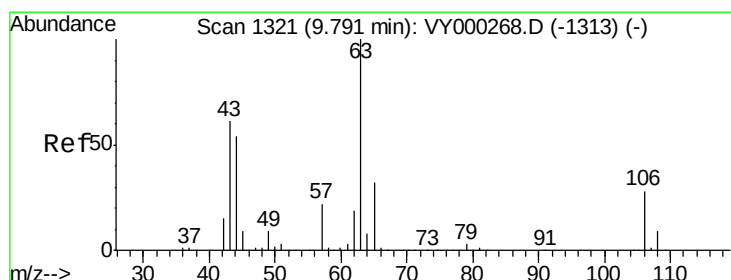
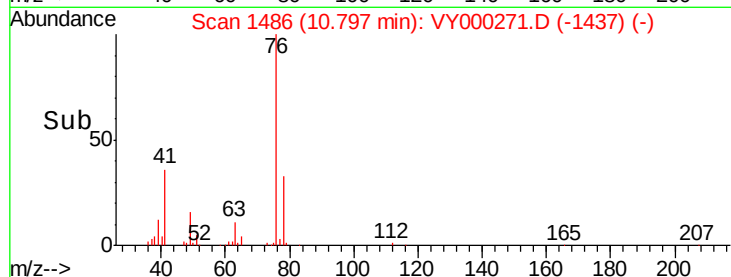
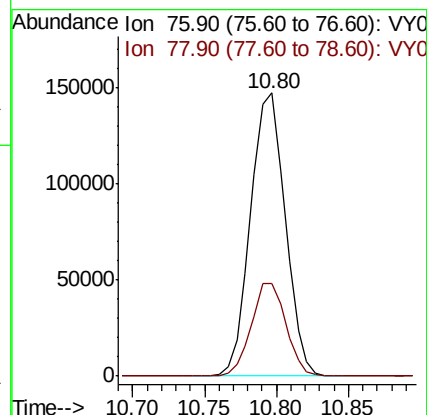
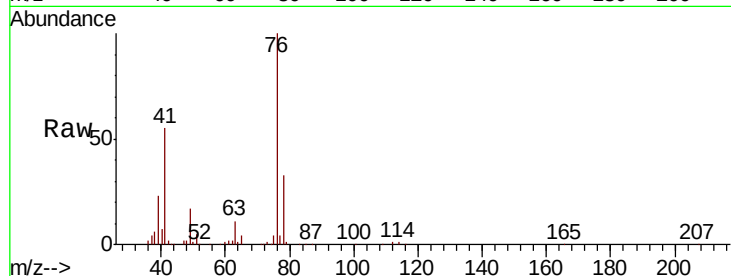
ClientSampleId :

Tot Ion: 76 Resp: 245563

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 275.964 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000271.D

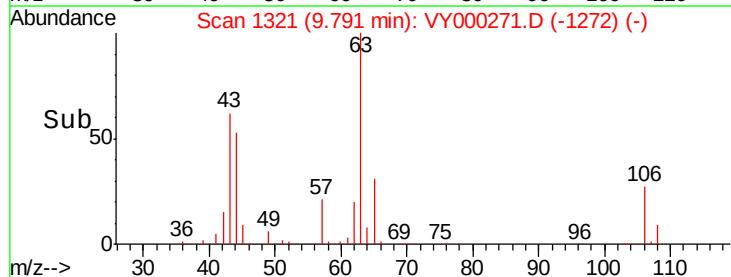
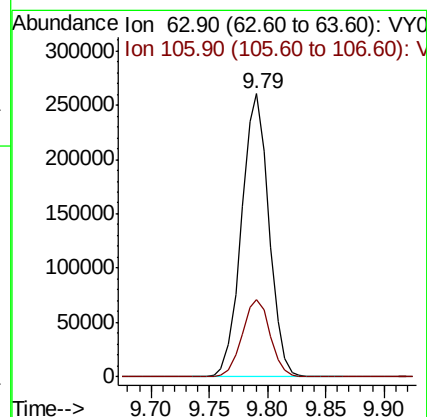
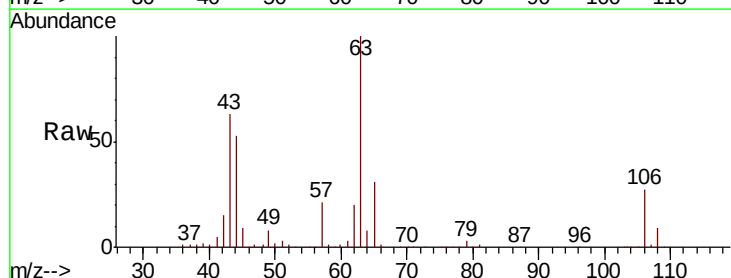
Acq: 11 Oct 2019 15:13

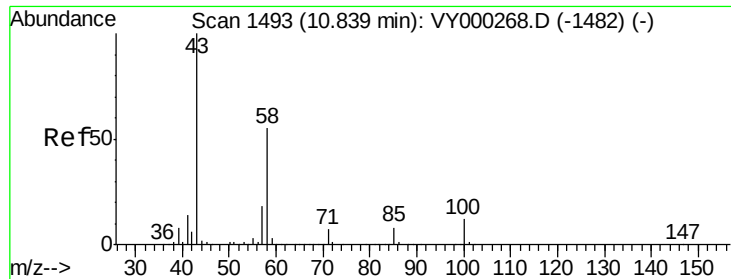
Tgt Ion: 63 Resp: 427447

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.4

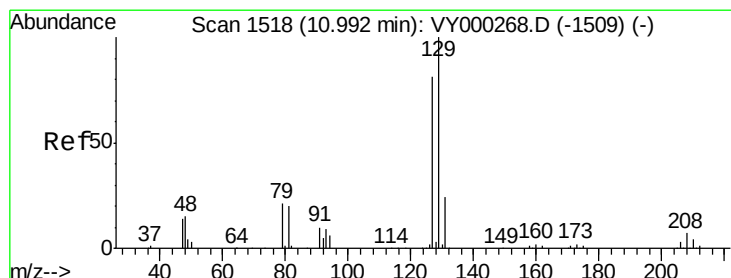
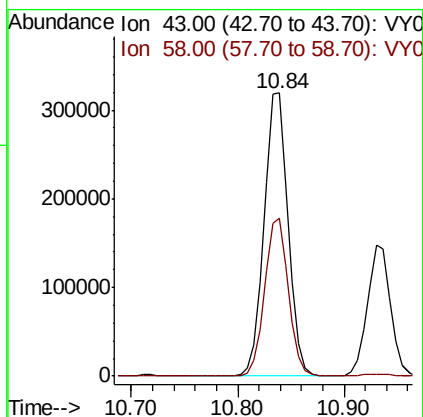
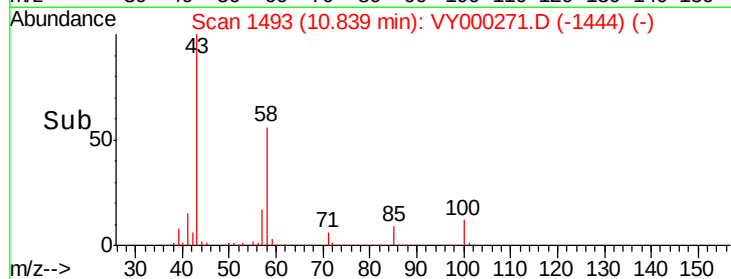
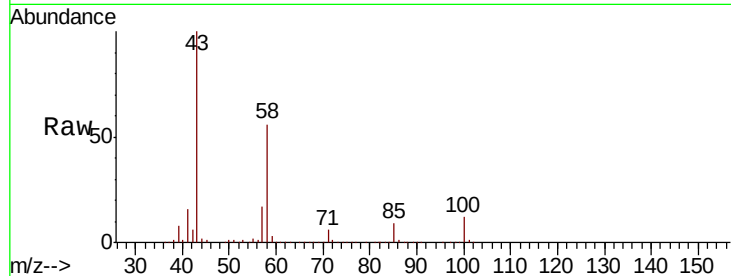




#59
2-Hexanone
Concen: 262.303 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

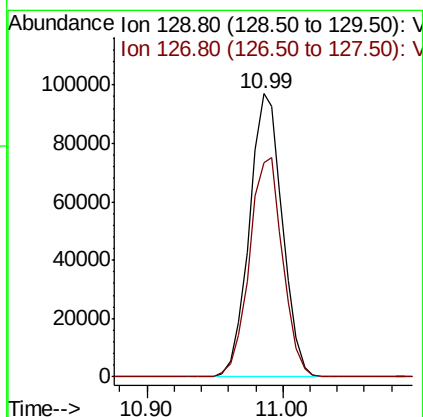
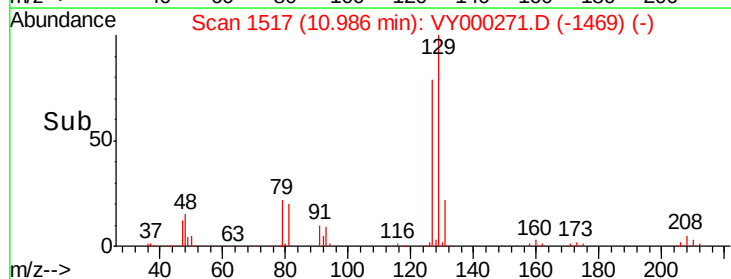
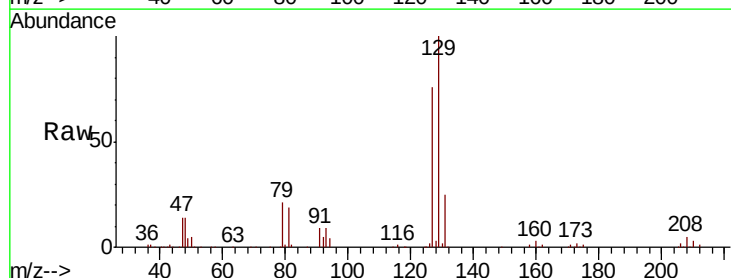
Instrument :
MSVOA_Y
ClientSampled :

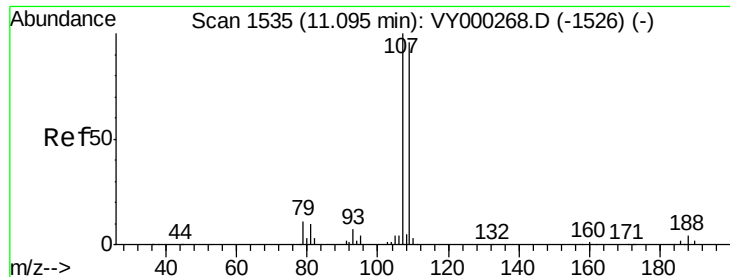
Tot Ion: 43 Resp: 505320
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1



#60
Dibromochloromethane
Concen: 54.497 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion:129 Resp: 164564
Ion Ratio Lower Upper
129 100
127 78.5 39.9 119.7

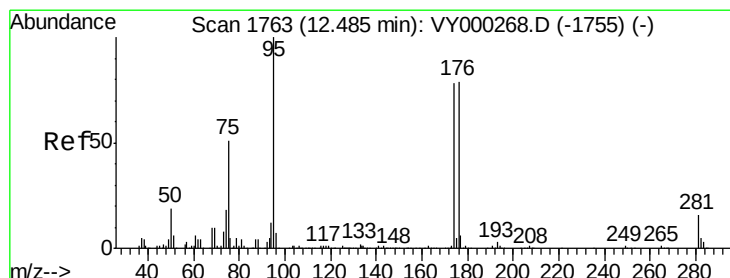
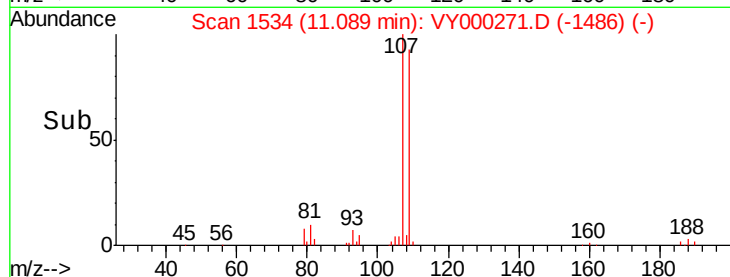
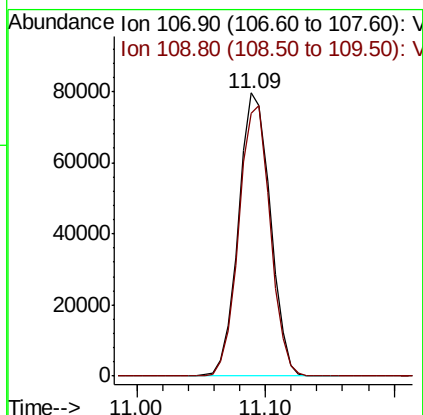
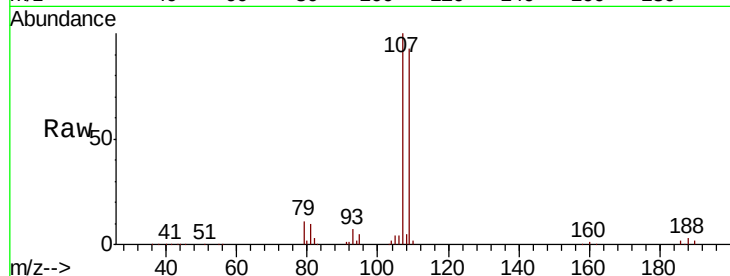




#61
 1,2-Dibromoethane
 Concen: 51.949 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

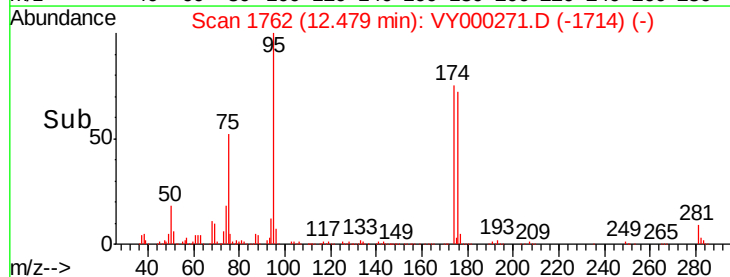
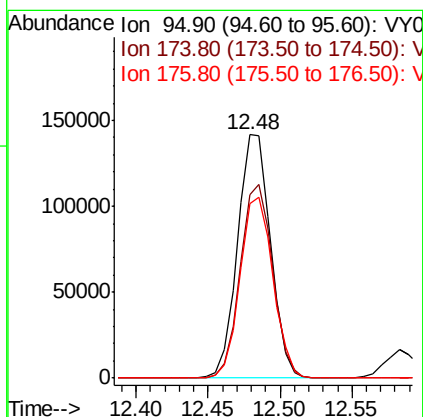
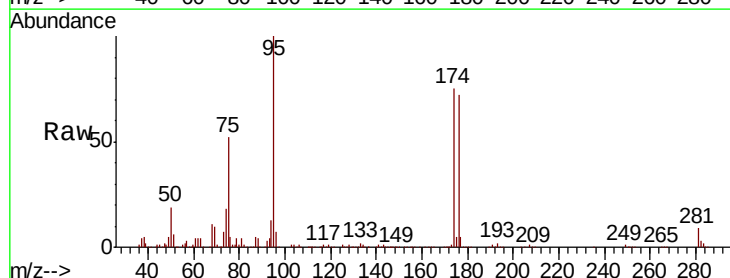
Instrument :
 MSVOA_Y
 ClientSampleId :

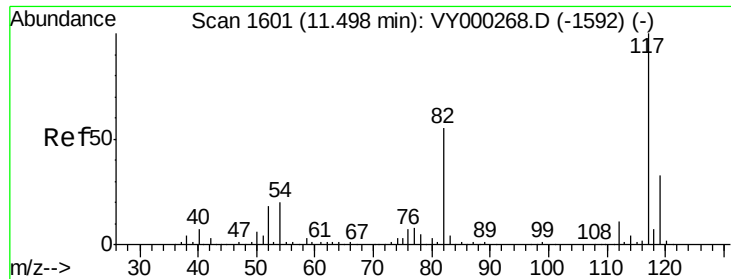
Tot Ion: 107 Resp: 135894
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.746 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion: 95 Resp: 224467
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 159.6
 176 74.4 0.0 153.8

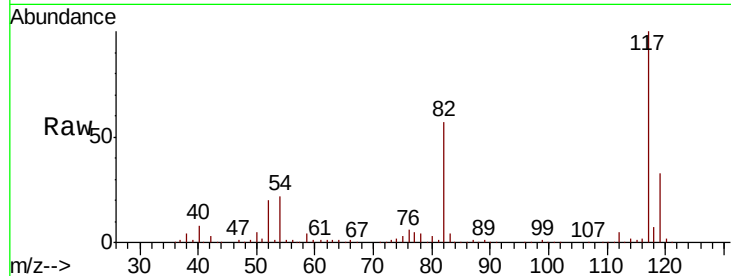




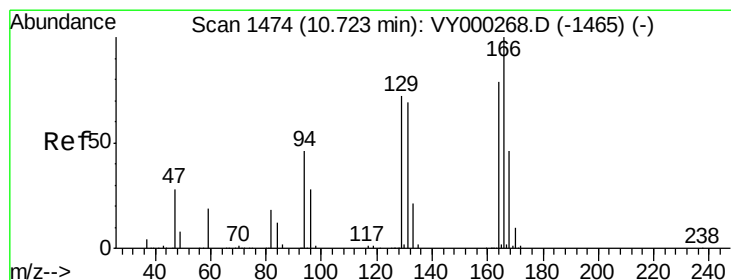
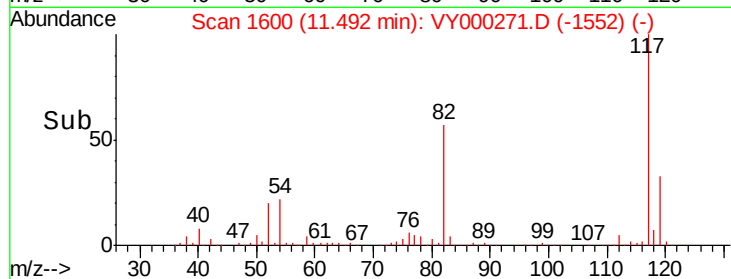
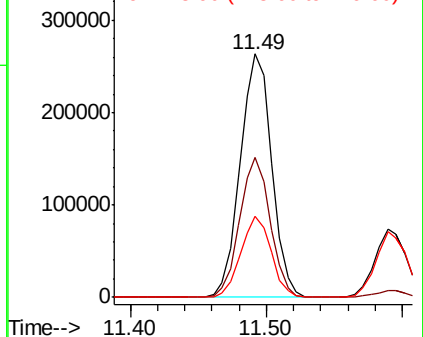
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 425291
Ion Ratio Lower Upper
117 100
82 57.3 43.7 65.5
119 33.2 26.6 39.8

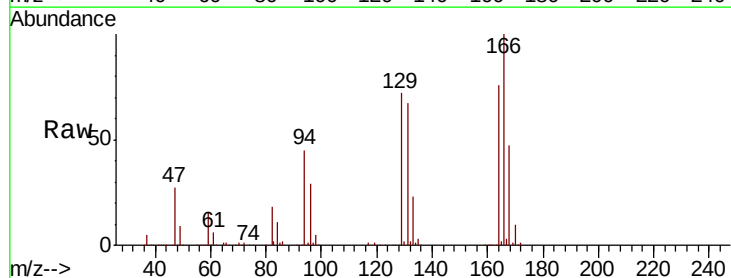


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

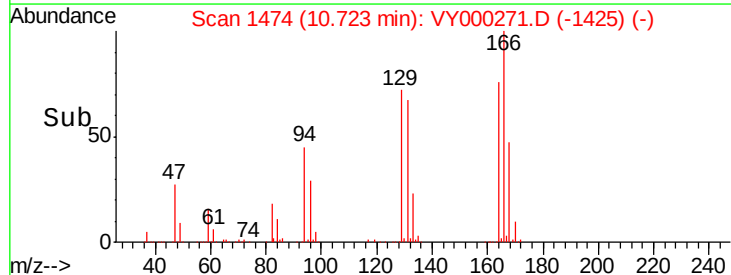
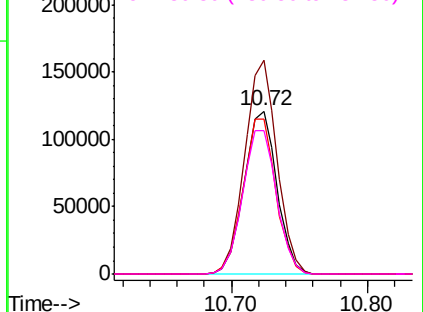


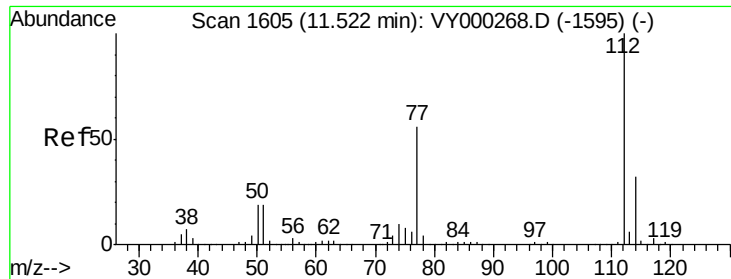
#64
Tetrachloroethene
Concen: 50.395 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion:164 Resp: 204039
Ion Ratio Lower Upper
164 100
166 131.3 100.6 151.0
129 95.0 72.8 109.2
131 88.1 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

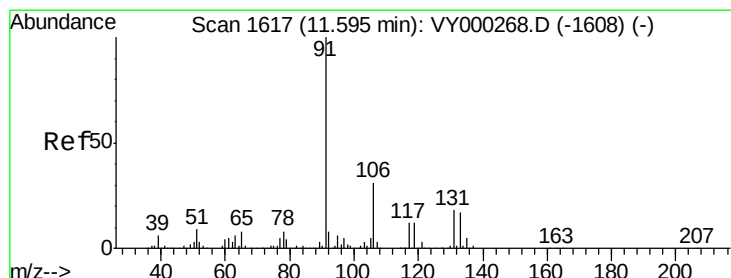
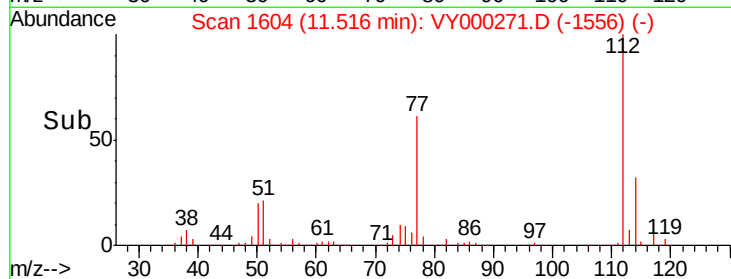
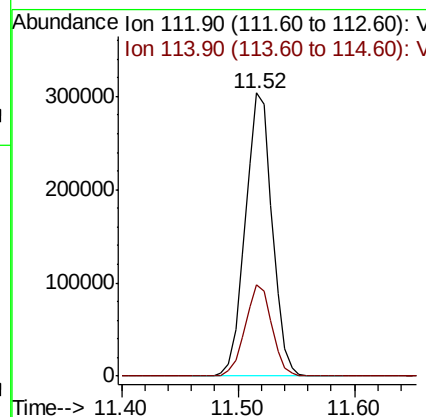
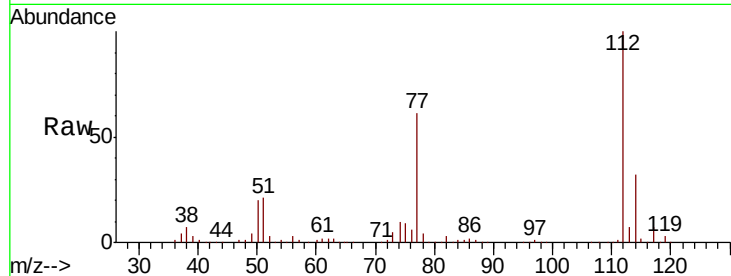




#65
Chlorobenzene
Concen: 54.304 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

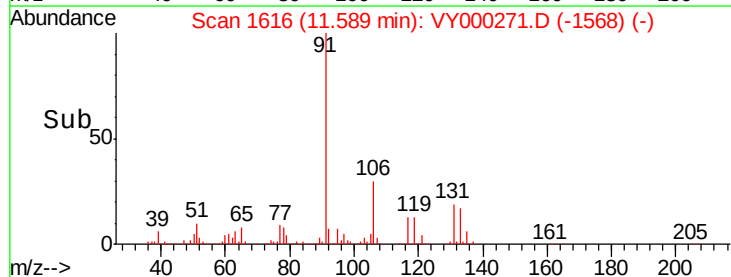
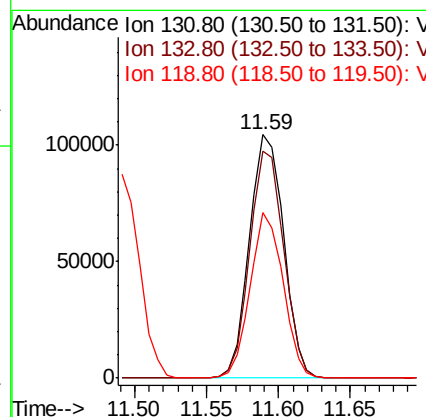
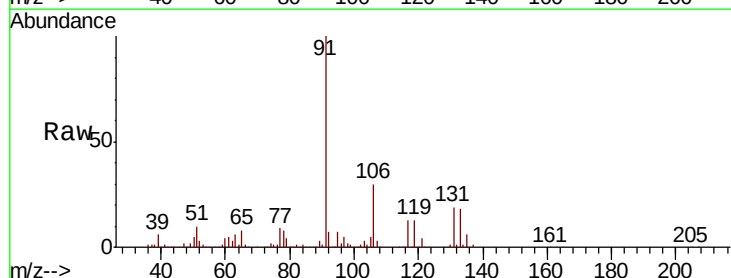
Instrument :
MSVOA_Y
ClientSampleId :

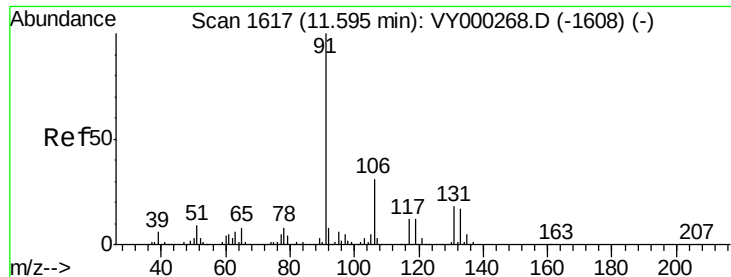
Tot Ion:112 Resp: 487403
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.510 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion:131 Resp: 171866
Ion Ratio Lower Upper
131 100
133 93.1 47.2 141.6
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 55.345 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

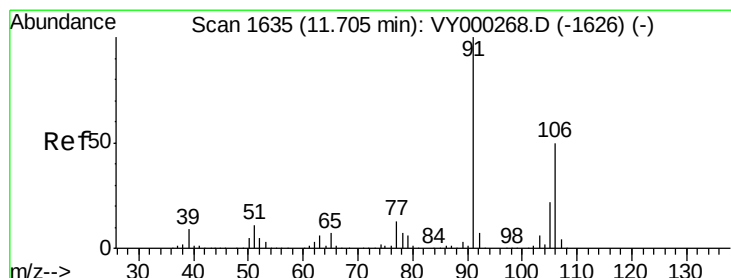
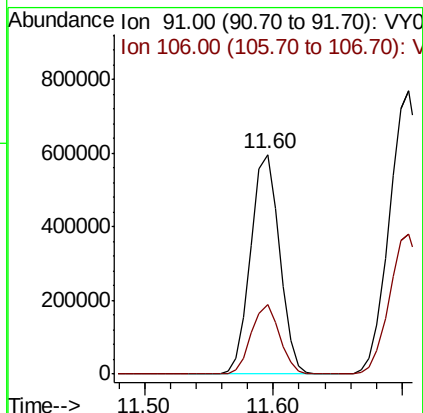
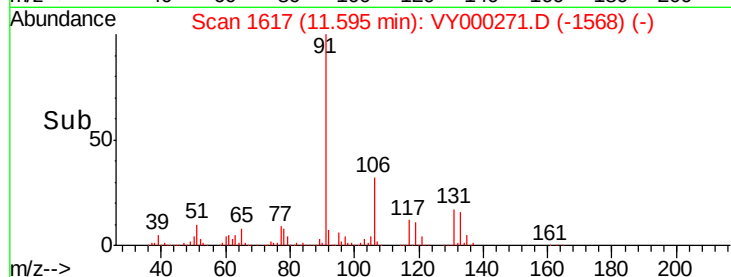
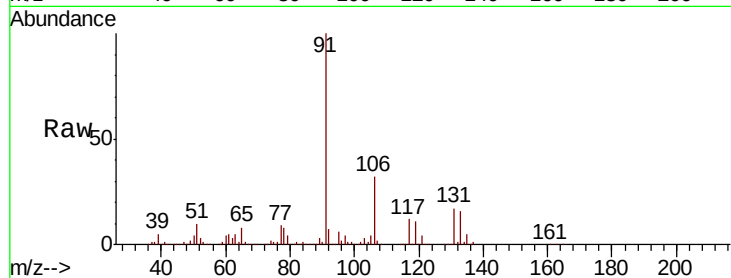
ClientSampleId :

Tot Ion: 91 Resp: 920857

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.6



#68

m/p-Xylenes

Concen: 109.562 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000271.D

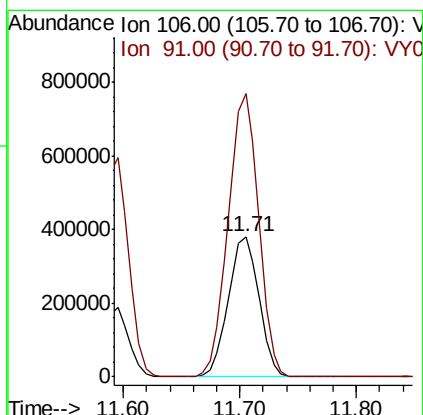
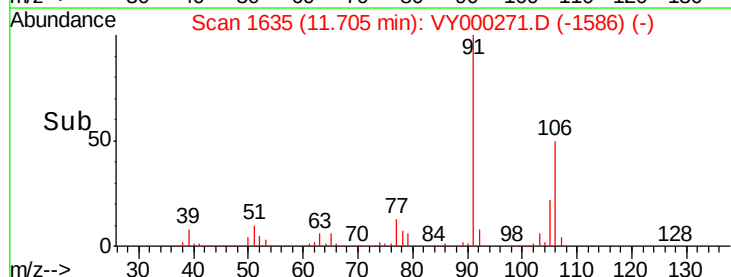
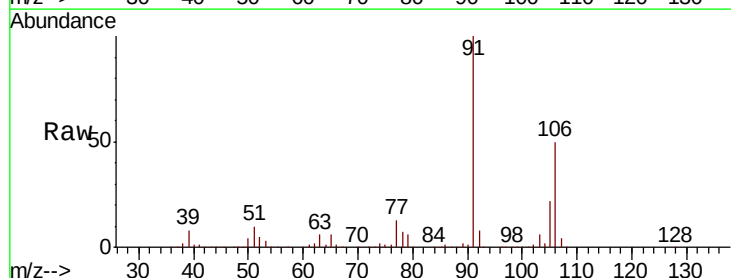
Acq: 11 Oct 2019 15:13

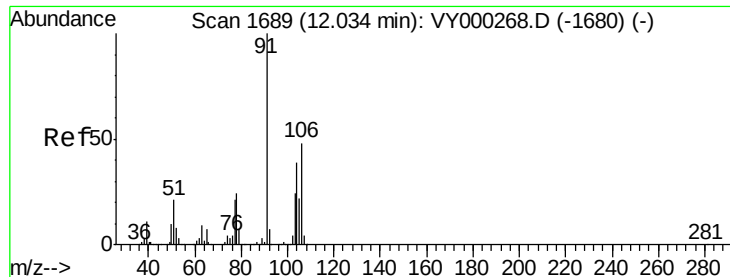
Tgt Ion: 106 Resp: 696887

Ion Ratio Lower Upper

106 100

91 201.0 157.5 236.3

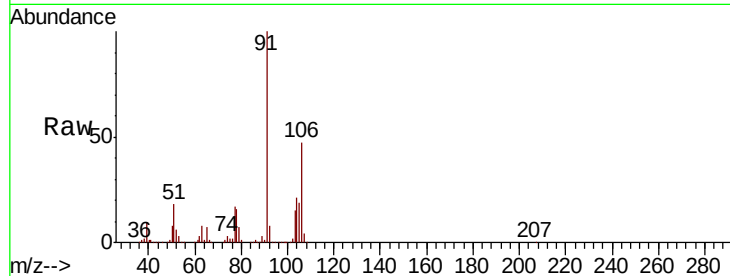




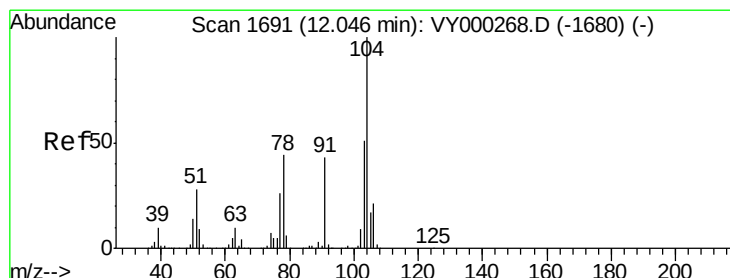
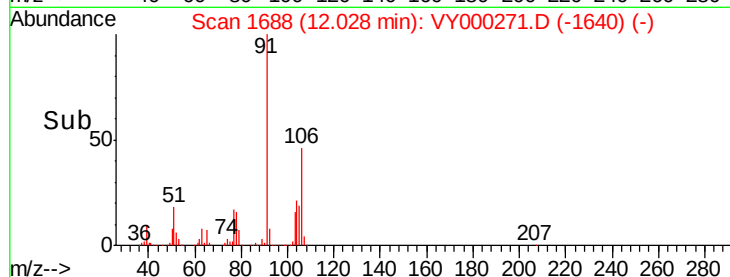
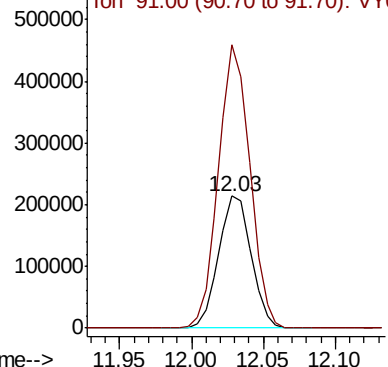
#69
o-Xylene
Concen: 54.896 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 333104
Ion Ratio Lower Upper
106 100
91 208.7 104.7 313.9

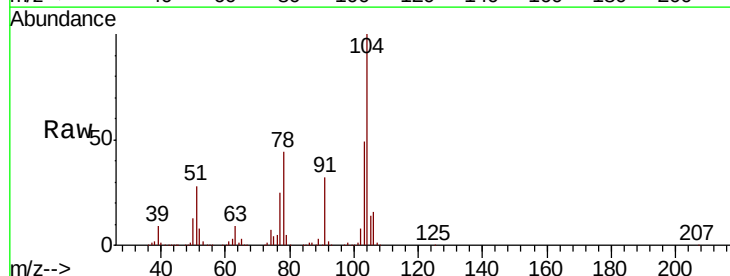


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

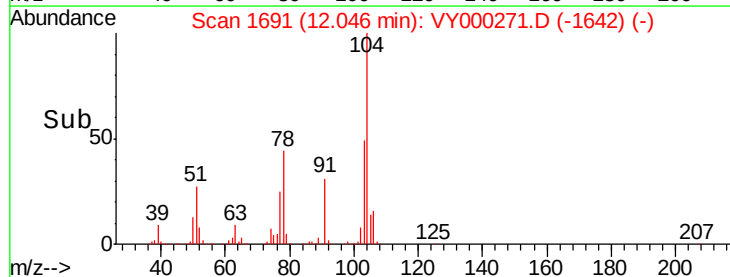
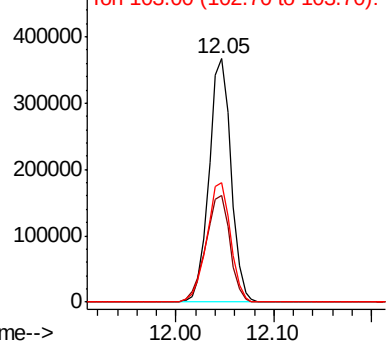


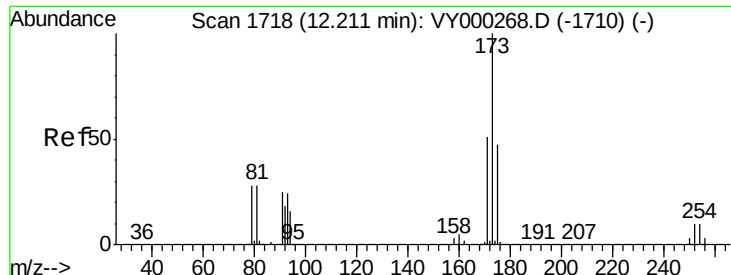
#70
Styrene
Concen: 55.911 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion:104 Resp: 572161
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 53.3 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.741 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

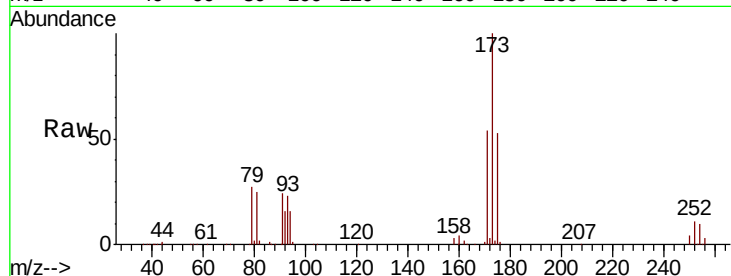
Tot Ion:173 Resp: 97405

Ion Ratio Lower Upper

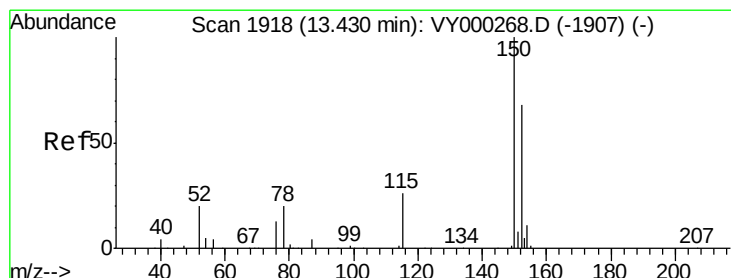
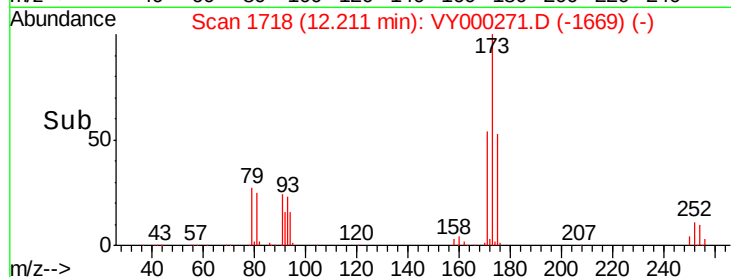
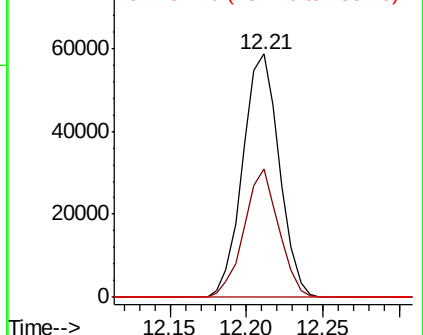
173 100

175 50.1 24.6 73.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

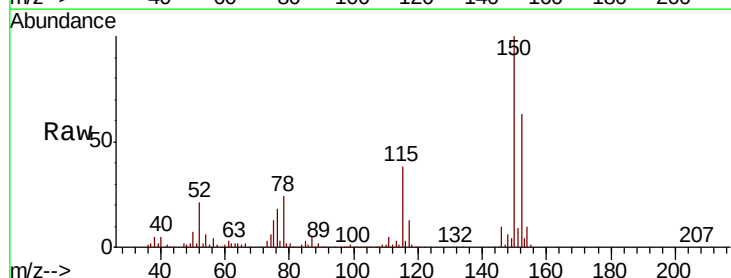
Tgt Ion:152 Resp: 208496

Ion Ratio Lower Upper

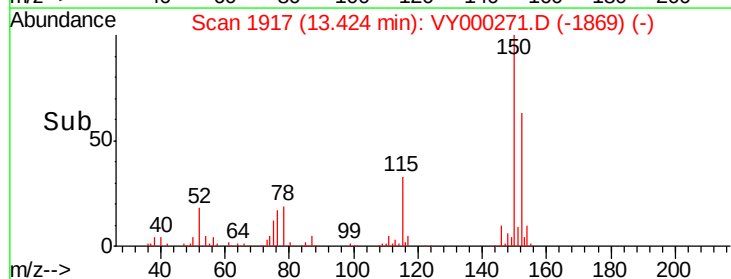
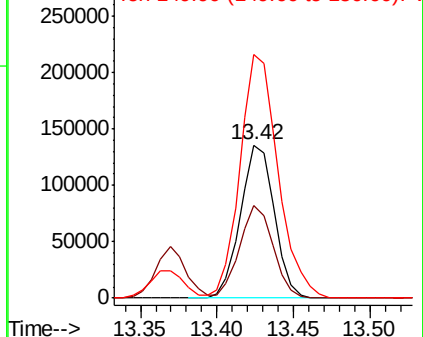
152 100

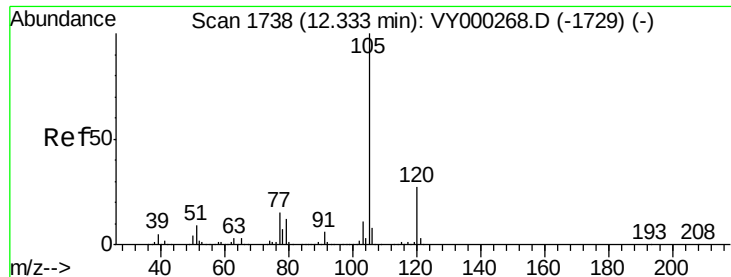
115 60.3 29.3 88.0

150 178.5 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: 56.304 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

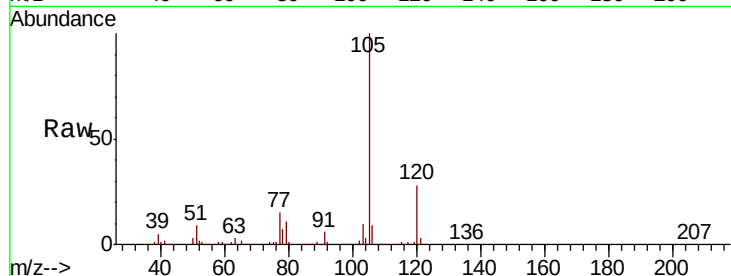
ClientSampleId :

Tot Ion:105 Resp: 915341

Ion Ratio Lower Upper

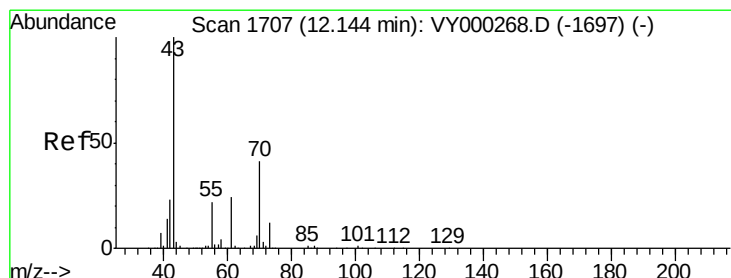
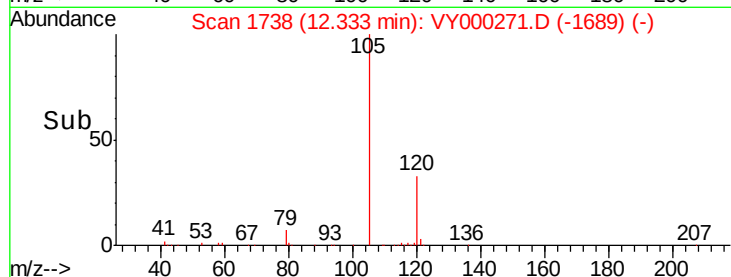
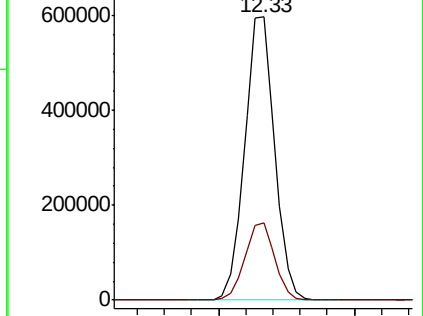
105 100

120 27.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.300 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Tgt Ion: 43 Resp: 228689

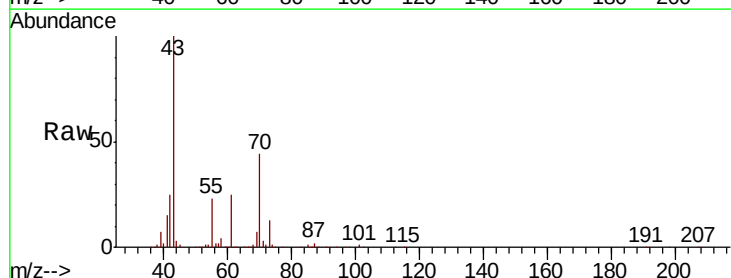
Ion Ratio Lower Upper

43 100

70 42.4 32.9 49.3

55 21.8 17.8 26.6

61 25.1 19.5 29.3

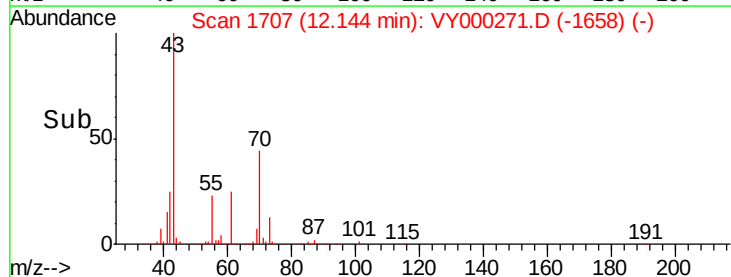
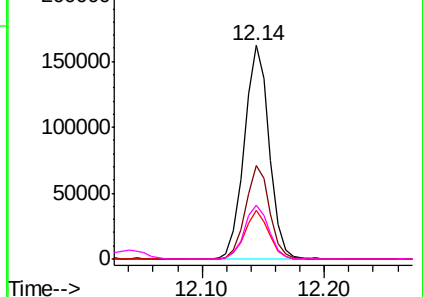


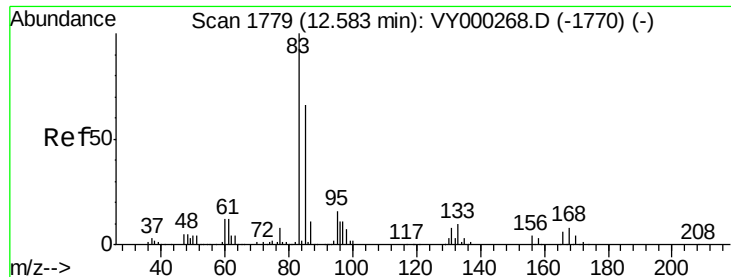
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 54.331 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampled :

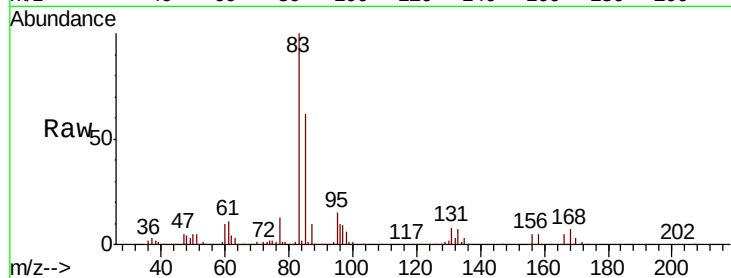
Tot Ion: 83 Resp: 165840

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

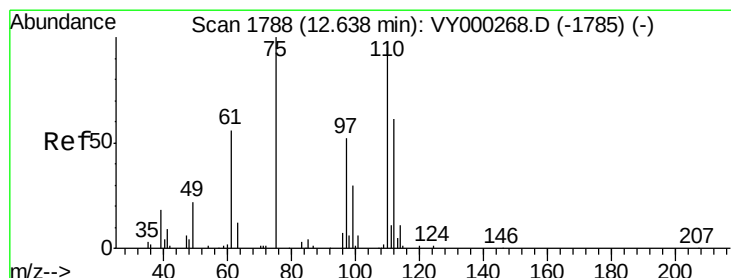
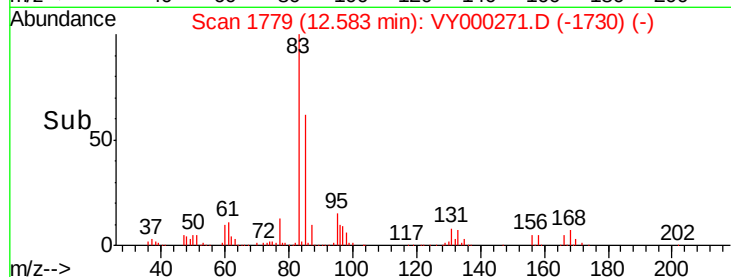
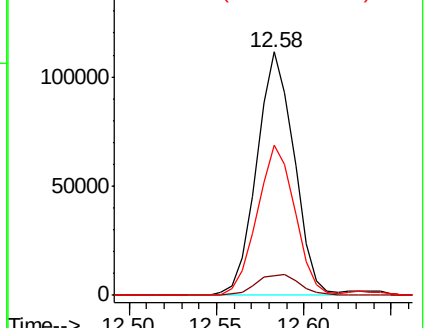
85 62.5 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000271.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000271.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000271.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 91.937 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000271.D

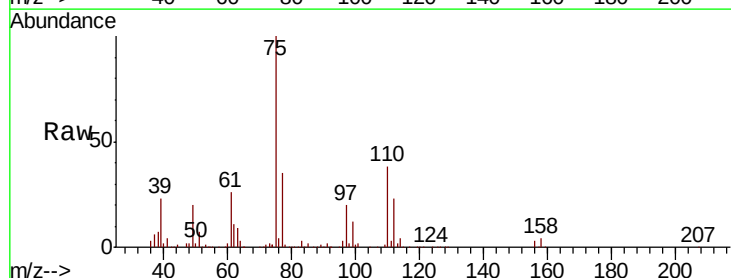
Acq: 11 Oct 2019 15:13

Tgt Ion: 75 Resp: 235706

Ion Ratio Lower Upper

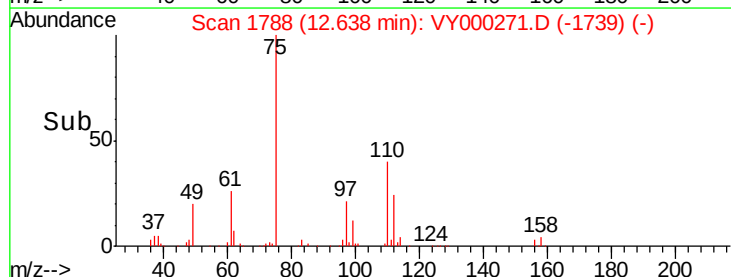
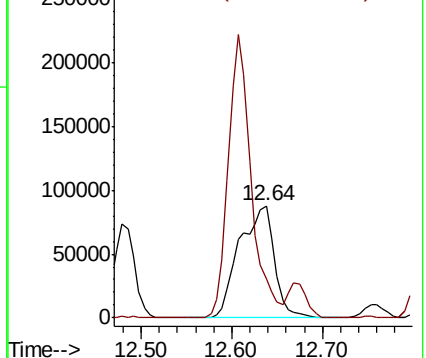
75 100

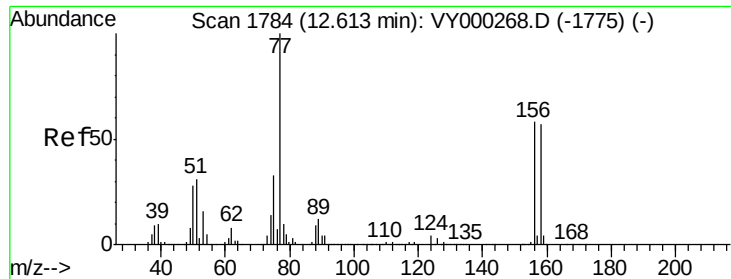
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000271.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000271.D (-1739) (-)





#77

Bromobenzene

Concen: 53.899 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampled :

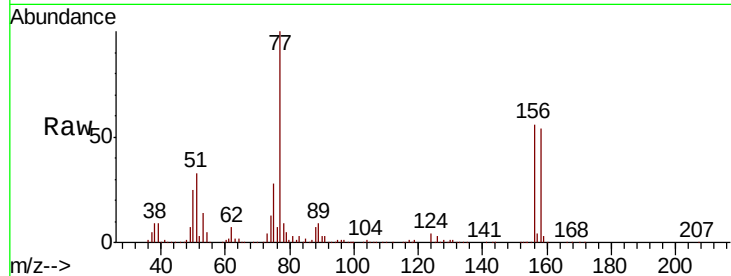
Tot Ion:156 Resp: 194985

Ion Ratio Lower Upper

156 100

77 200.3 101.0 302.9

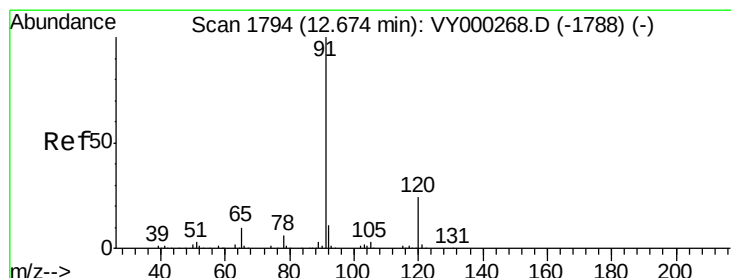
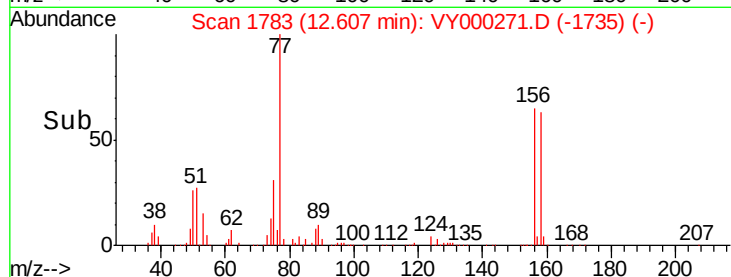
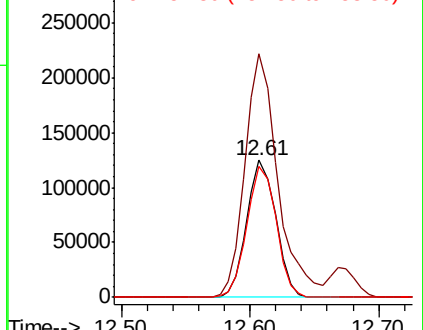
158 96.0 49.7 149.1



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: 56.780 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000271.D

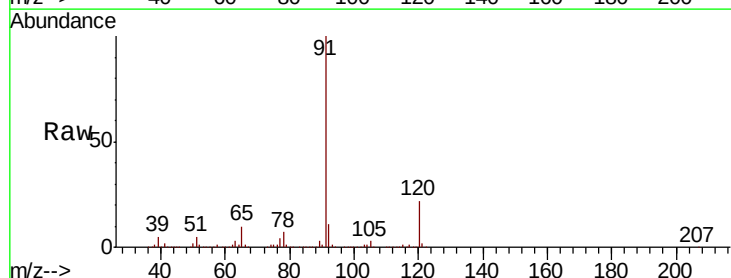
Acq: 11 Oct 2019 15:13

Tgt Ion: 91 Resp: 1108303

Ion Ratio Lower Upper

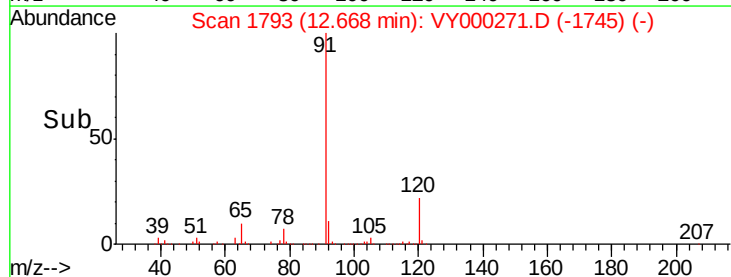
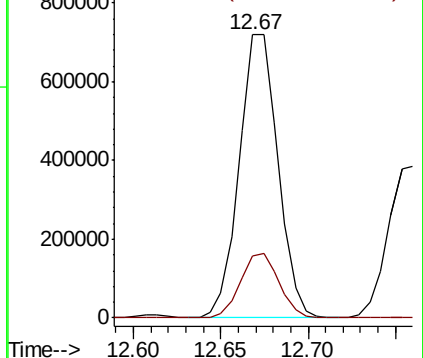
91 100

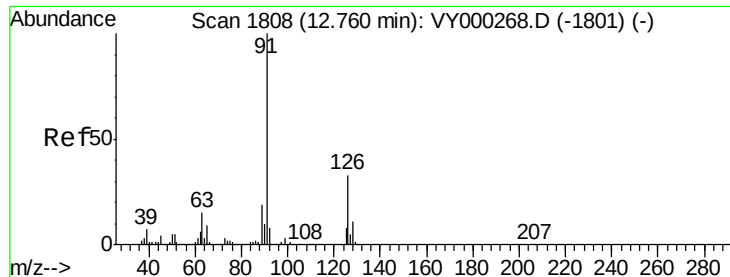
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

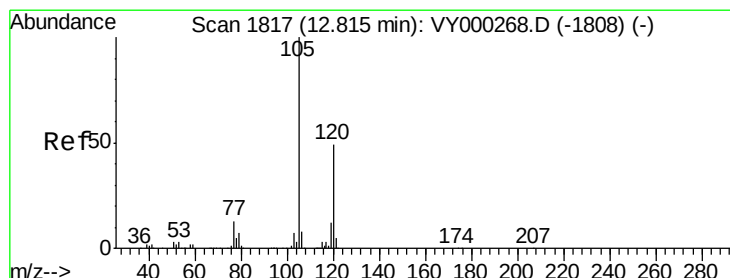
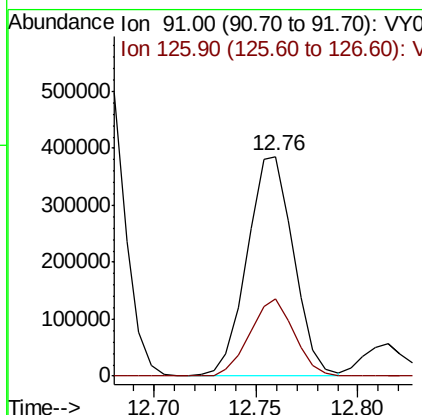
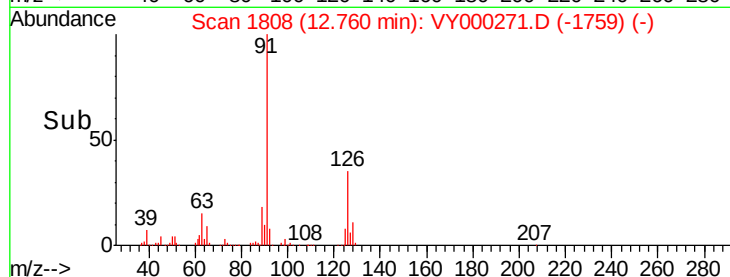
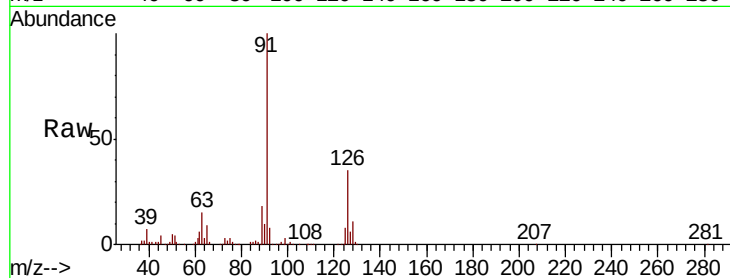




#79
 2-Chlorotoluene
 Concen: 56.585 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

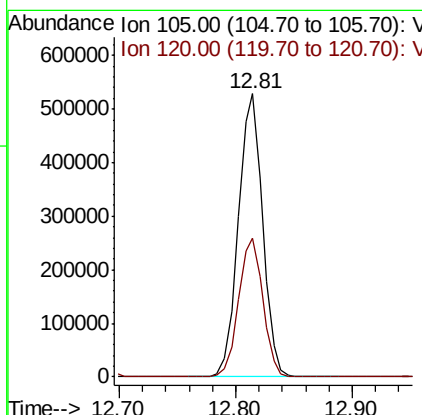
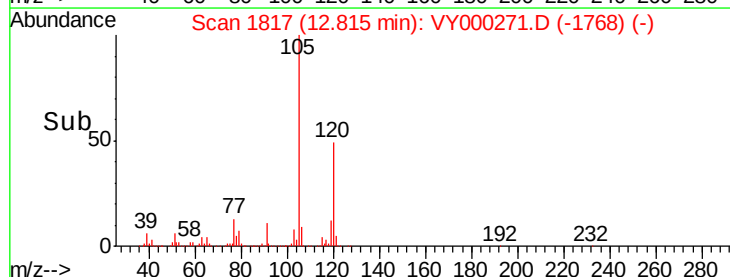
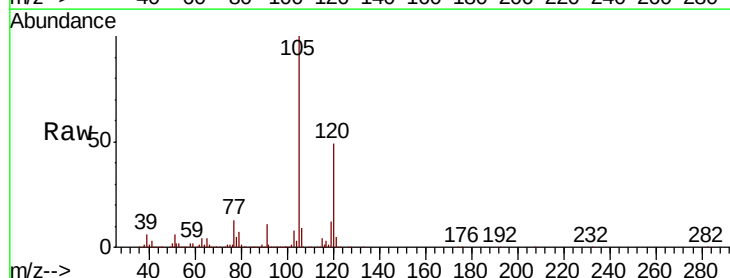
Instrument :
 MSVOA_Y
 ClientSampled :

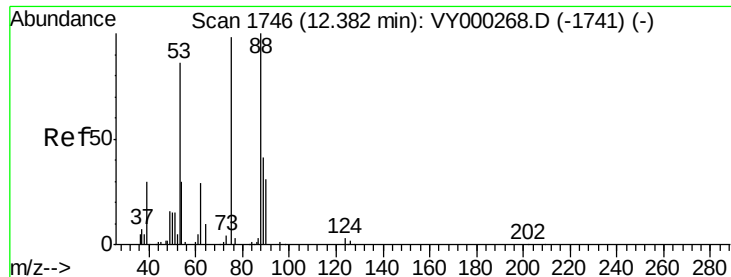
Tot Ion: 91 Resp: 609967
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 56.284 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion: 105 Resp: 767267
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.8

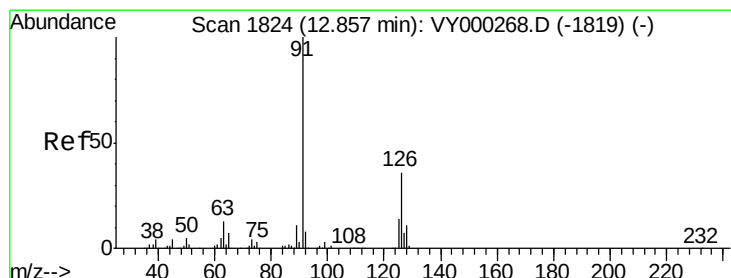
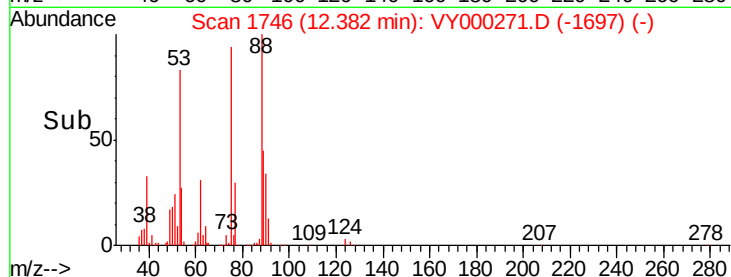
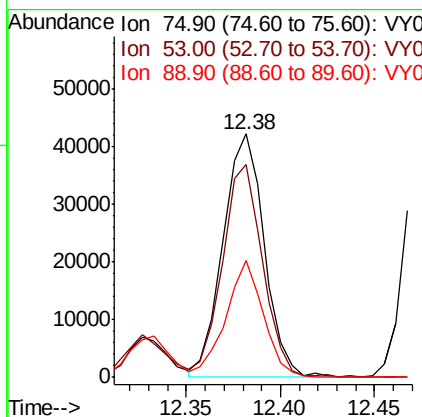
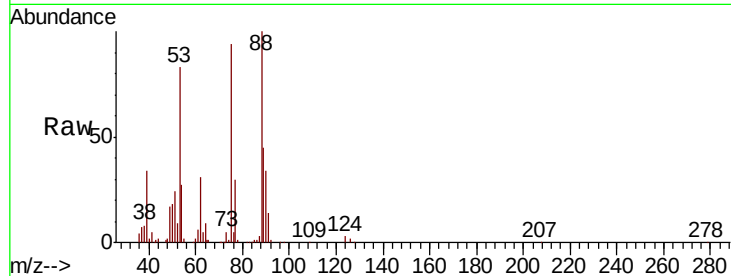




#81
trans-1,4-Dichloro-2-butene
Concen: 53.931 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

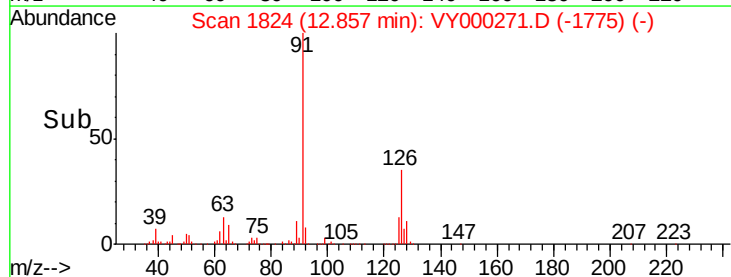
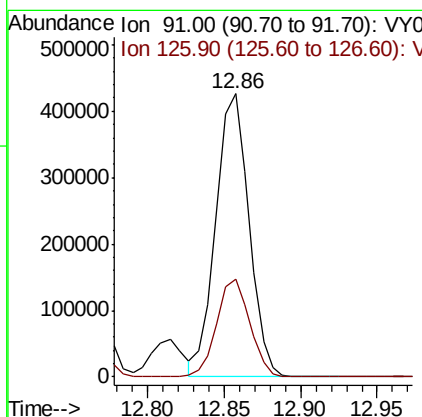
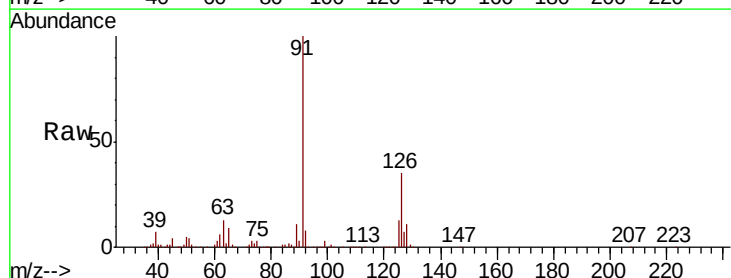
Instrument :
MSVOA_Y
ClientSampled :

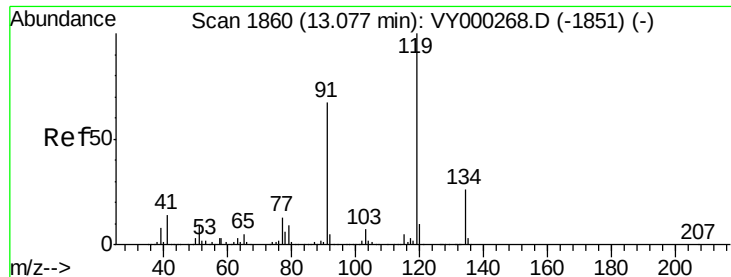
Tot Ion: 75 Resp: 63195
Ion Ratio Lower Upper
75 100
53 86.5 71.3 106.9
89 44.4 35.1 52.7



#82
4-Chlorotoluene
Concen: 56.395 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 91 Resp: 642609
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.5

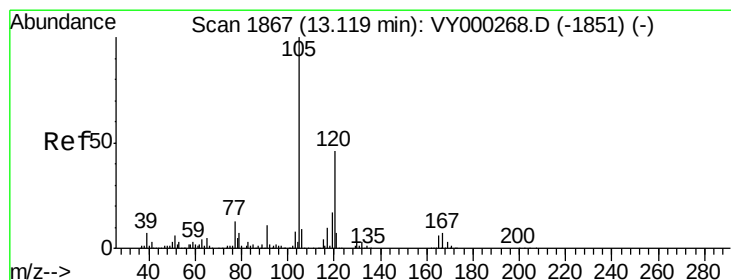
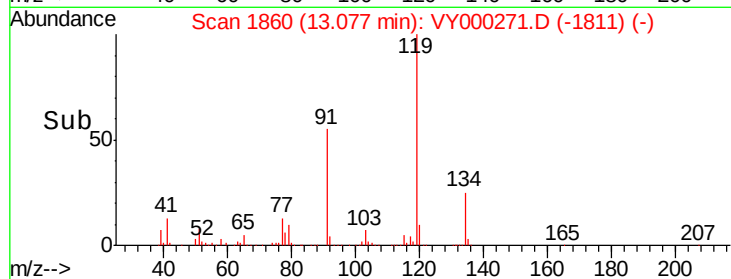
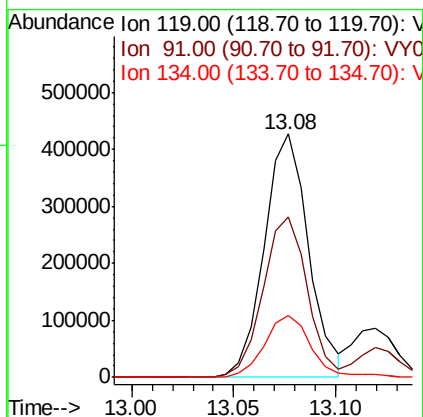
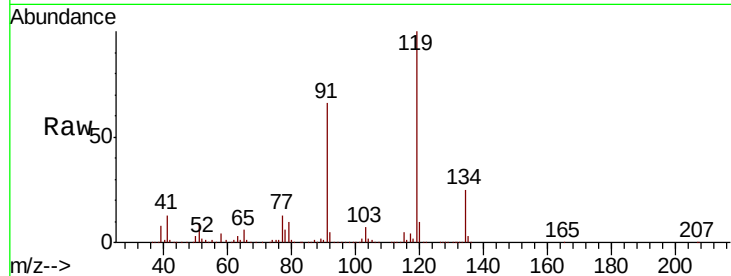




#83
 tert-Butylbenzene
 Concen: 55.982 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

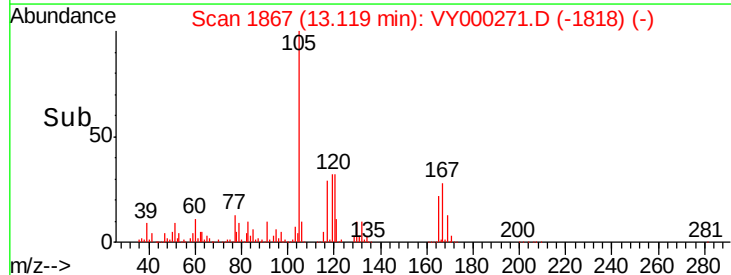
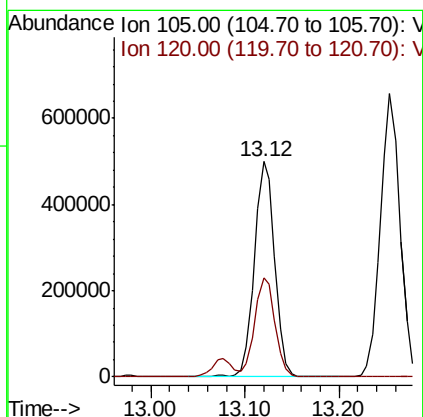
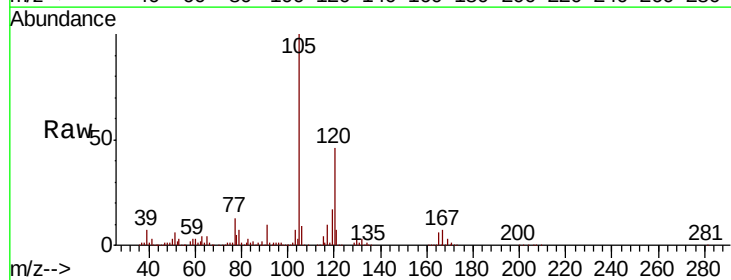
Instrument :
 MSVOA_Y
 ClientSampleId :

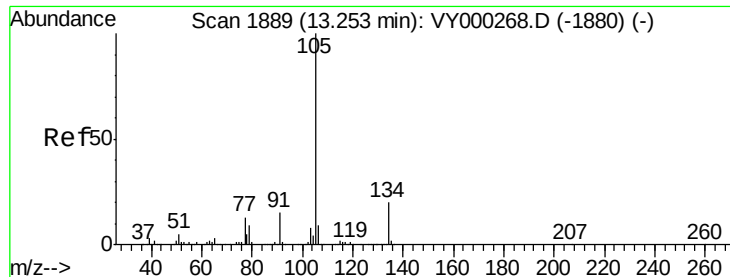
Tot Ion:119 Resp: 646260
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.9 98.7
 134 26.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 56.499 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion:105 Resp: 760160
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 56.797 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

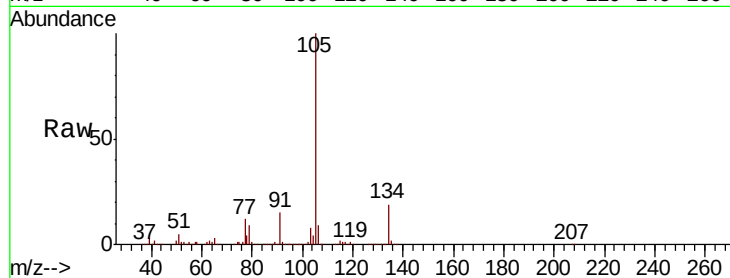
ClientSampleId :

Tot Ion:105 Resp: 948524

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

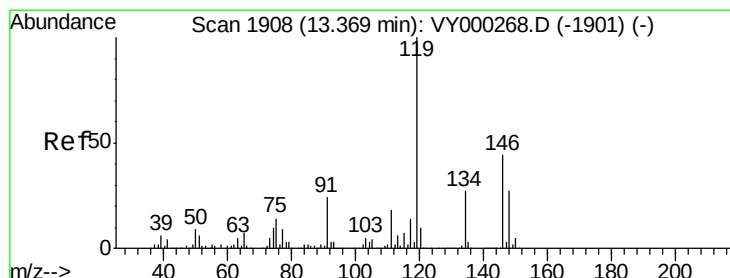
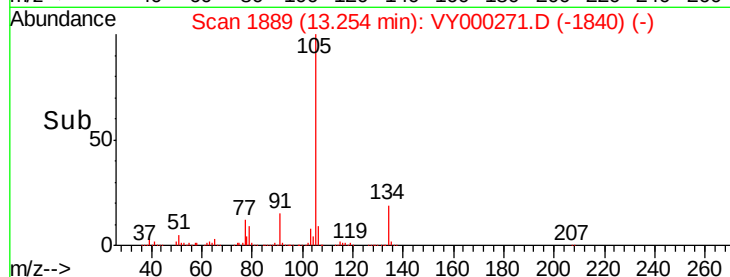
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 57.353 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

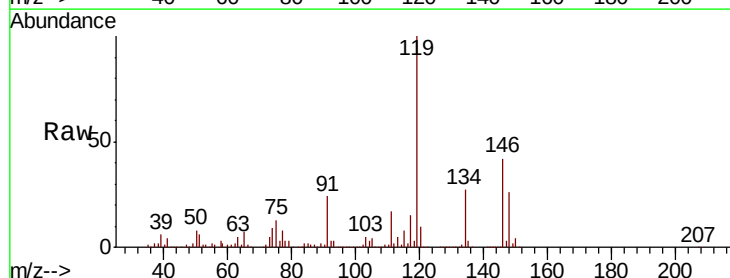
Tgt Ion:119 Resp: 835016

Ion Ratio Lower Upper

119 100

134 26.4 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

800000

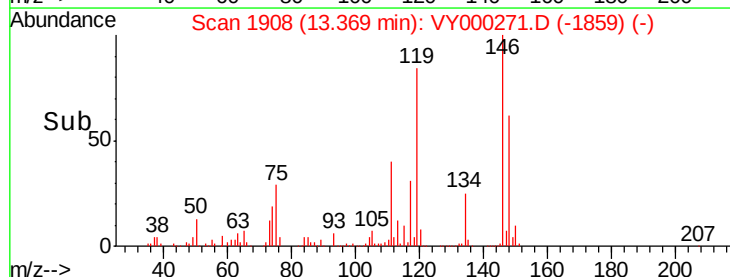
600000

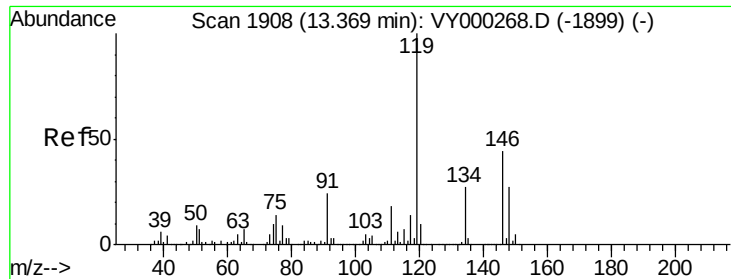
400000

200000

0

Time-->

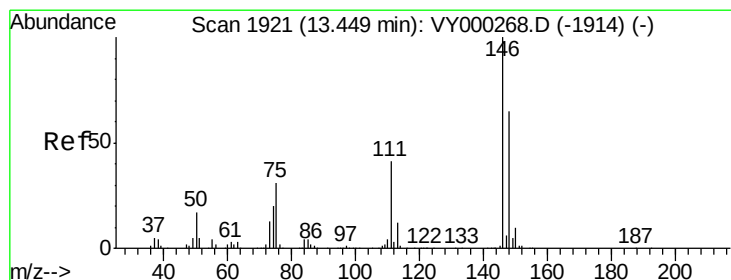
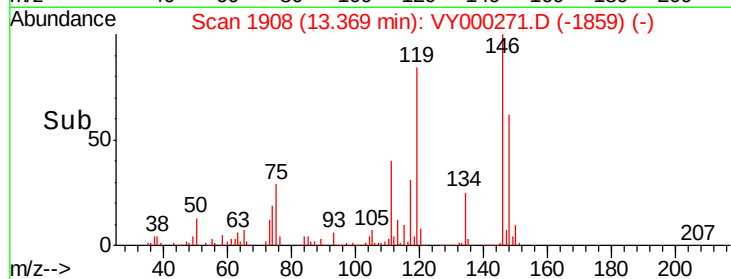
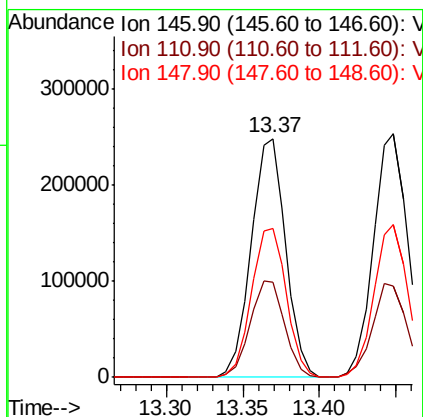
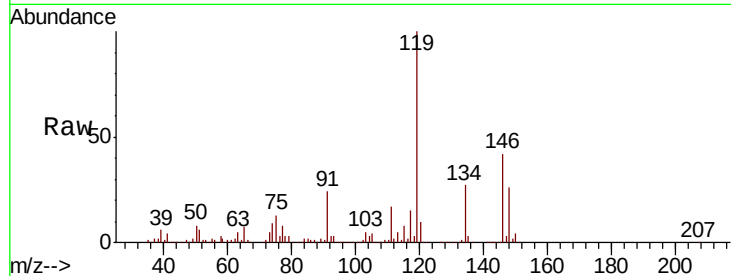




#87
 1,3-Dichlorobenzene
 Concen: 54.733 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

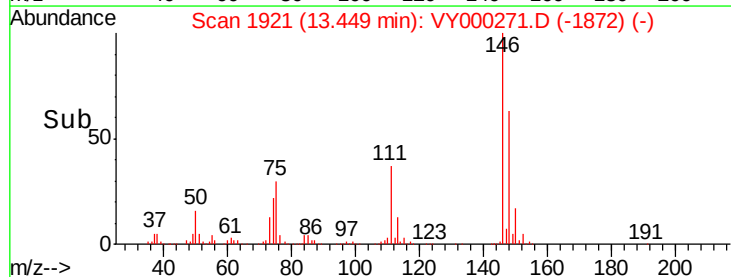
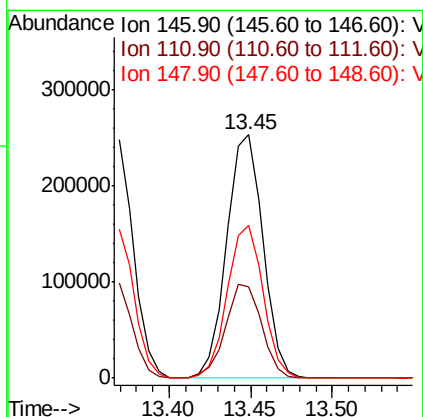
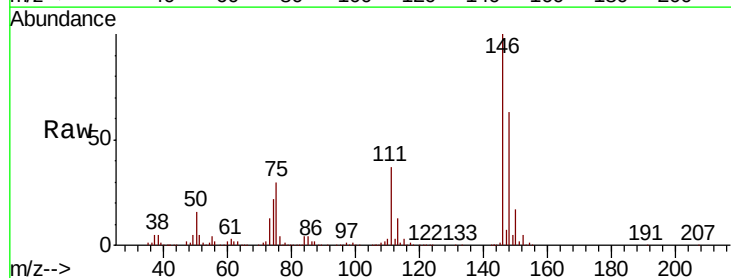
Instrument :
 MSVOA_Y
 ClientSampleId :

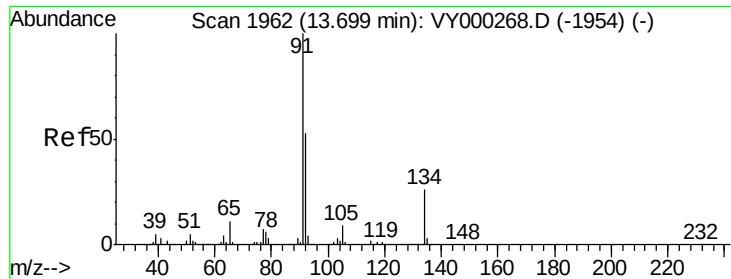
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	63.1	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 55.137 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.1	60.2
148	62.1	32.4	97.2

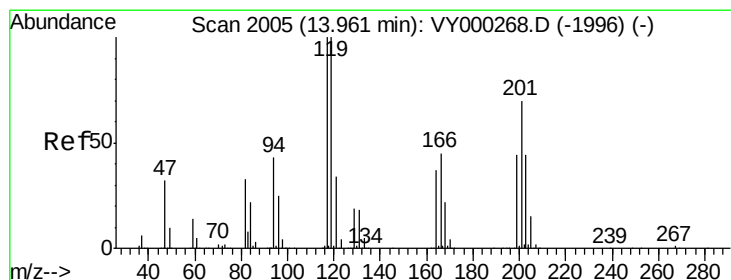
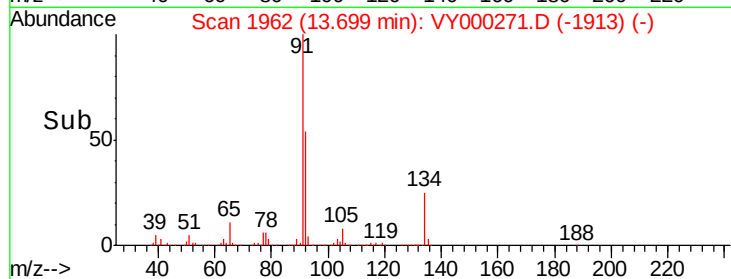
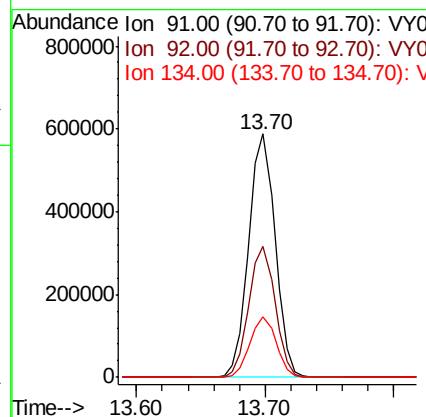
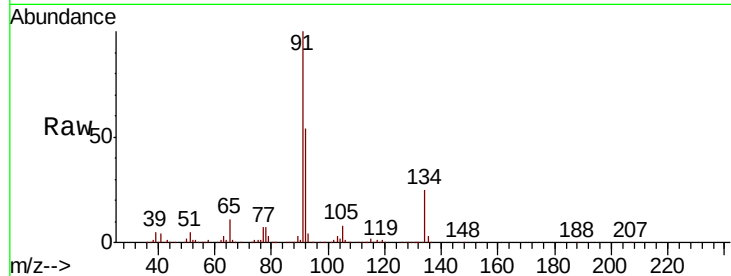




#89
n-Butylbenzene
Concen: 57.770 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

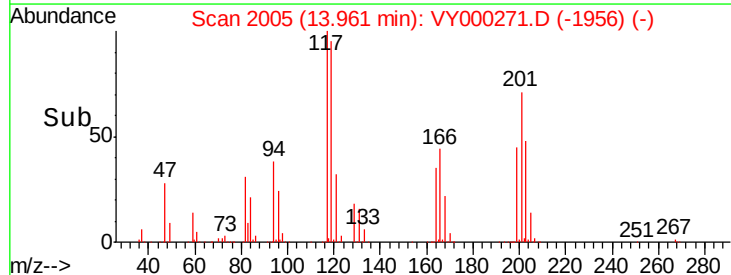
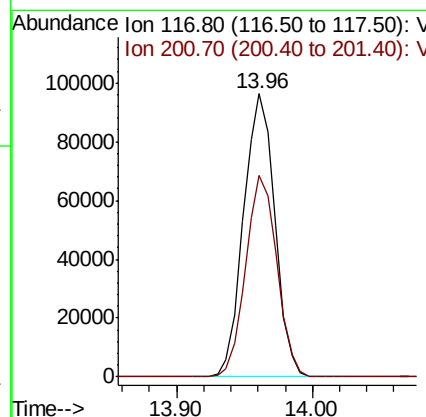
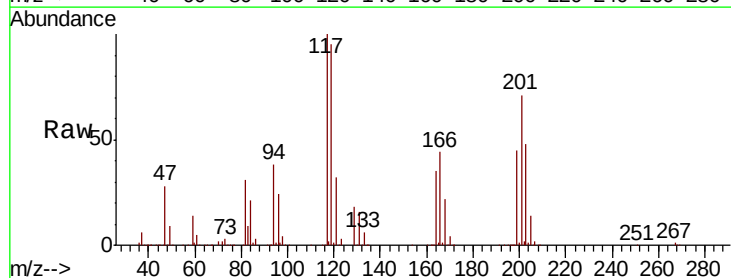
Instrument :
MSVOA_Y
ClientSampleId :

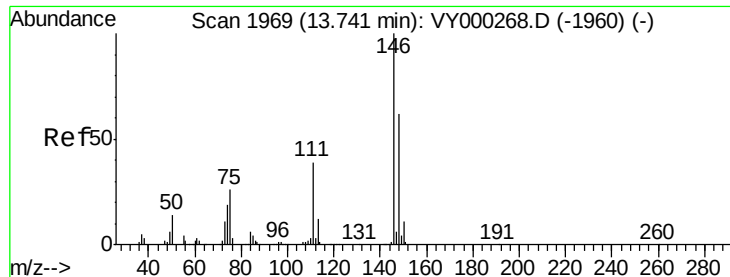
Tot Ion: 91 Resp: 831178
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.1
134 24.9 13.0 38.9



#90
Hexachloroethane
Concen: 57.383 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion: 117 Resp: 154704
Ion Ratio Lower Upper
117 100
201 71.1 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 54.244 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000271.D

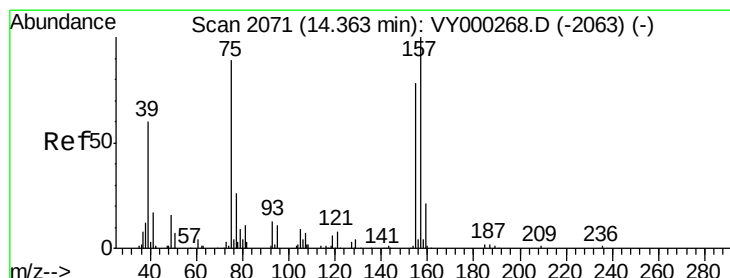
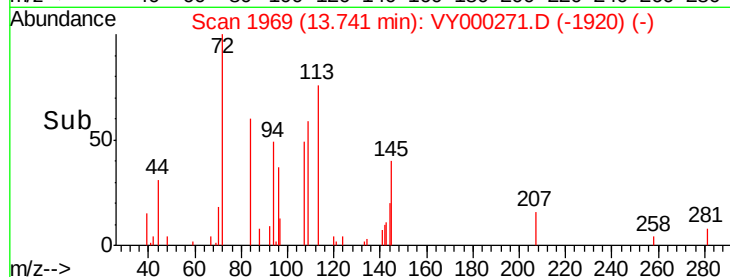
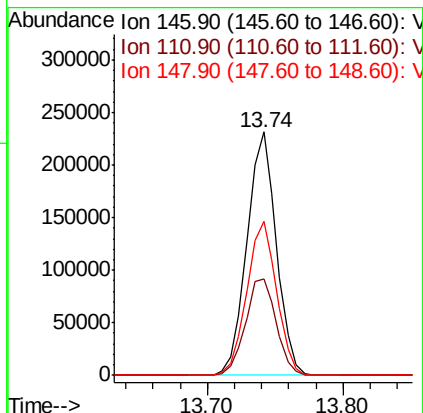
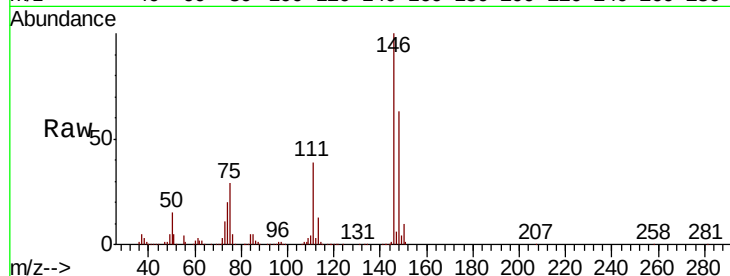
Acq: 11 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	349899
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.5
148	64.2	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.760 ug/l

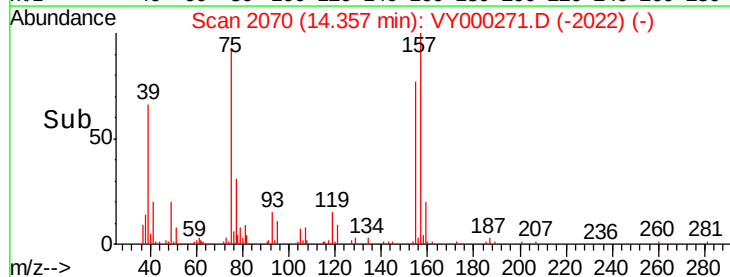
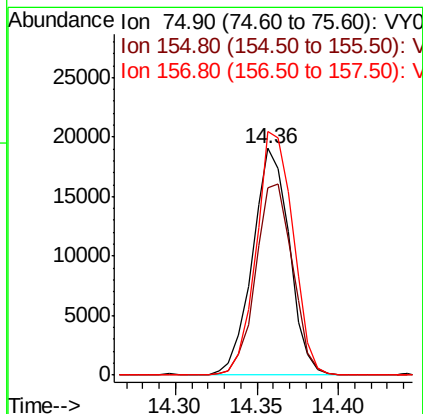
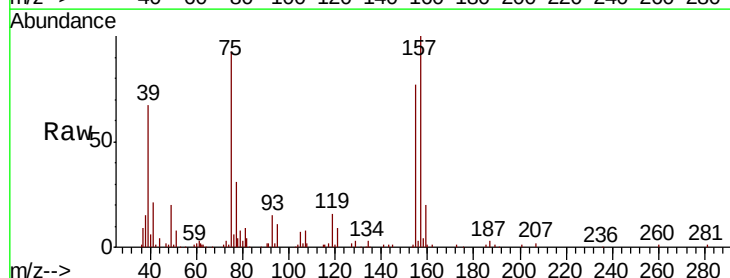
RT: 14.36 min Scan# 2070

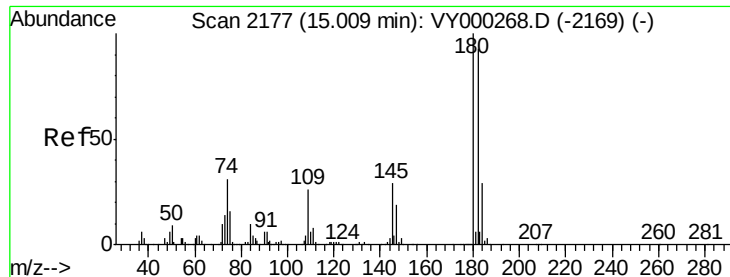
Delta R.T. -0.01 min

Lab File: VY000271.D

Acq: 11 Oct 2019 15:13

Tgt Ion:	75	Resp:	29964
Ion	Ratio	Lower	Upper
75	100		
155	84.7	45.8	137.3
157	107.0	55.6	166.9

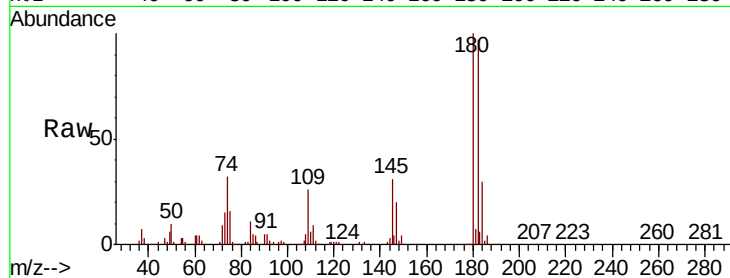




#93
 1,2,4-Trichlorobenzene
 Concen: 52.472 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.5	142.6
145	31.7	15.4	46.1

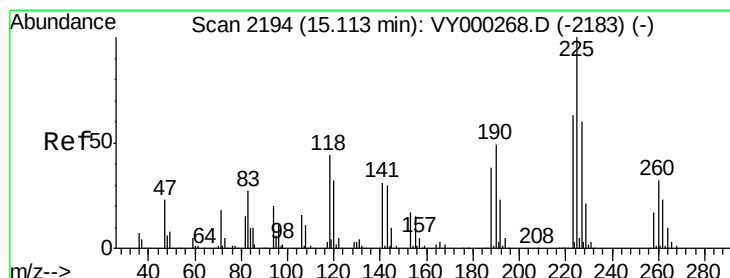
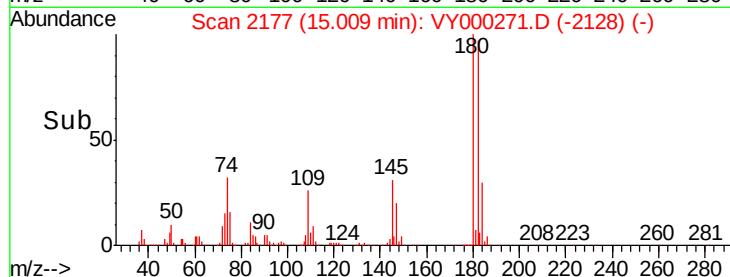
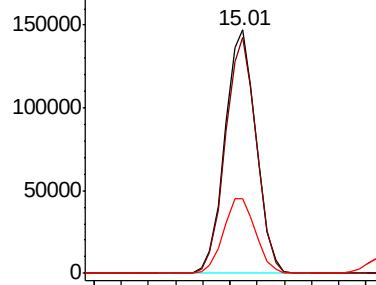


Abundance

Ion 179.80 (179.50 to 180.50): V

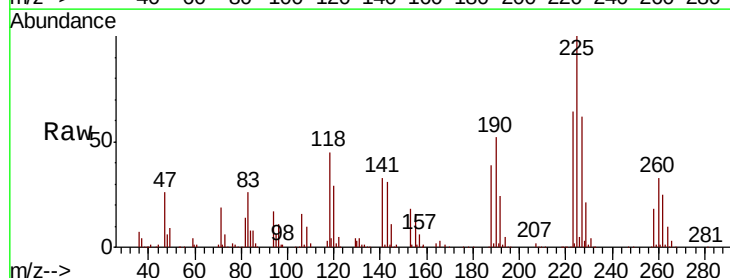
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.064 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000271.D
 Acq: 11 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.7
227	63.2	31.4	94.2

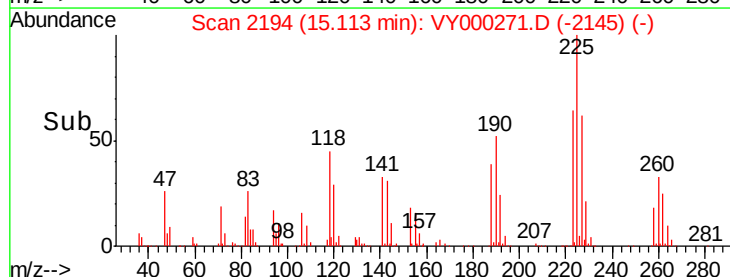
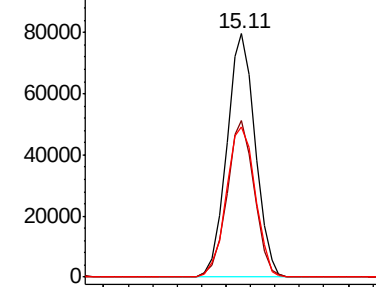


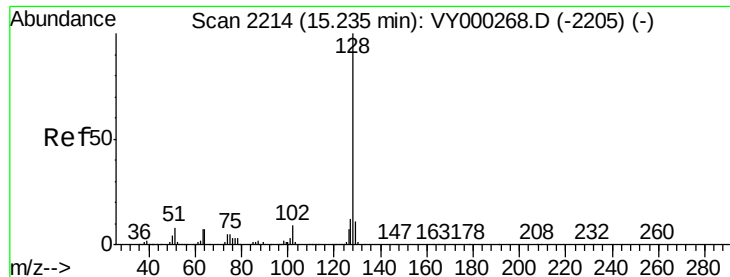
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

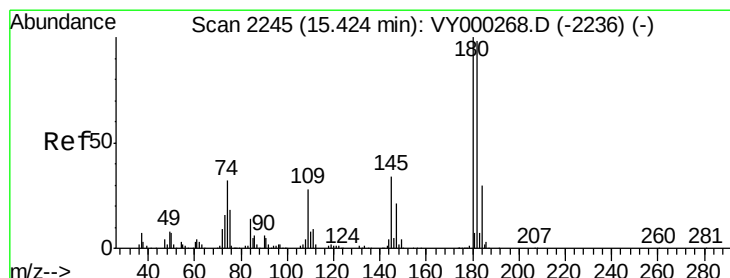
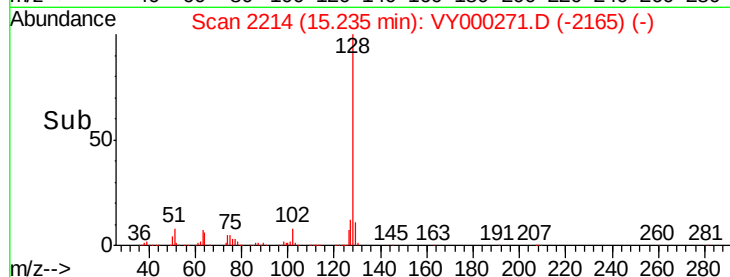
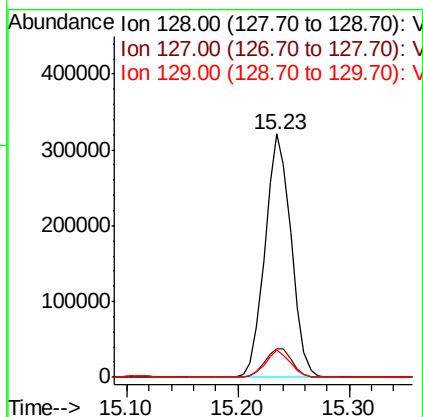
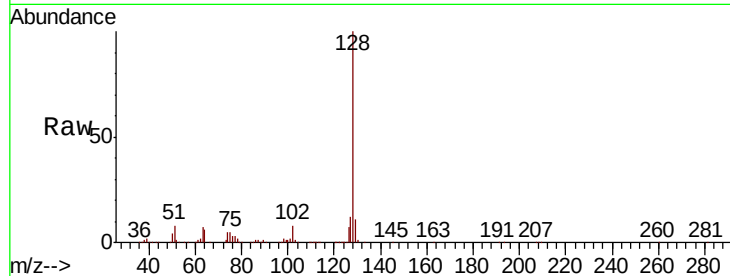




#95
Naphthalene
Concen: 52.294 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 524104
Ion Ratio Lower Upper
128 100
127 12.4 9.6 14.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.169 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000271.D
Acq: 11 Oct 2019 15:13

Tgt Ion:180 Resp: 211157
Ion Ratio Lower Upper
180 100
182 96.1 46.5 139.5
145 33.0 16.2 48.5

