

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000291.D
 Acq On : 14 Oct 2019 11:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	312329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	520180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	469929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	184200	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
35) Dibromofluoromethane	7.73	113	168812	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
50) Toluene-d8	10.18	98	695929	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
62) 4-Bromofluorobenzene	12.49	95	253047	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	124425	50.478	ug/l 96
3) Chloromethane	2.12	50	181734	47.617	ug/l 97
4) Vinyl Chloride	2.26	62	196947	51.132	ug/l 97
5) Bromomethane	2.65	94	131549	46.083	ug/l 99
6) Chloroethane	2.79	64	127460	51.287	ug/l 94
7) Trichlorofluoromethane	3.13	101	274238	52.050	ug/l 97
8) Diethyl Ether	3.53	74	101001	54.264	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	169053	52.907	ug/l 98
10) Methyl Iodide	4.10	142	245495	53.847	ug/l 99
11) Tert butyl alcohol	4.97	59	77672	225.279	ug/l 100
12) 1,1-Dichloroethene	3.87	96	166726	52.854	ug/l 94
13) Acrolein	3.74	56	100194	247.870	ug/l 99
14) Allyl chloride	4.48	41	282413	54.025	ug/l 100
15) Acrylonitrile	5.17	53	256090	245.815	ug/l 97
16) Acetone	3.95	43	293077	274.693	ug/l 96
17) Carbon Disulfide	4.19	76	521089	52.467	ug/l 99
18) Methyl Acetate	4.48	43	120053	45.288	ug/l 100
19) Methyl tert-butyl Ether	5.22	73	477659	54.395	ug/l 99
20) Methylene Chloride	4.72	84	188314	52.676	ug/l 98
21) trans-1,2-Dichloroethene	5.22	96	190306	52.584	ug/l 93
22) Diisopropyl ether	6.13	45	617515	55.852	ug/l 97
23) Vinyl Acetate	6.07	43	1969420	273.040	ug/l 99
24) 1,1-Dichloroethane	6.03	63	334032	55.350	ug/l 97
25) 2-Butanone	7.00	43	399320	265.689	ug/l 100
26) 2,2-Dichloropropane	6.99	77	301652	54.245	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	217674	55.584	ug/l 98
28) Bromochloromethane	7.34	49	140034	54.053	ug/l 100
29) Tetrahydrofuran	7.36	42	222599	244.386	ug/l 100
30) Chloroform	7.52	83	339268	55.823	ug/l 98
31) Cyclohexane	7.79	56	321935	51.075	ug/l 98
32) 1,1,1-Trichloroethane	7.71	97	300718	55.656	ug/l 99
36) 1,1-Dichloropropene	7.93	75	264499	51.935	ug/l 99
37) Ethyl Acetate	7.08	43	146118	48.454	ug/l 98
38) Carbon Tetrachloride	7.91	117	264333	53.605	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	350052	52.516	ug/l	97
40) Benzene	8.17	78	785736	53.387	ug/l	97
41) Methacrylonitrile	7.36	41	204922	142.760	ug/l #	24
42) 1,2-Dichloroethane	8.25	62	223448	53.149	ug/l	100
43) Isopropyl Acetate	8.28	43	297133	51.820	ug/l	99
44) Trichloroethene	8.95	130	216638	52.460	ug/l	99
45) 1,2-Dichloropropane	9.22	63	200233	55.438	ug/l	100
46) Dibromomethane	9.31	93	106944	52.967	ug/l	99
47) Bromodichloromethane	9.50	83	267159	56.145	ug/l	97
48) Methyl methacrylate	9.30	41	132963	52.912	ug/l	97
49) 1,4-Dioxane	9.30	88	28338	936.066	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	764508	258.507	ug/l	99
52) Toluene	10.25	92	512264	54.821	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	292050	57.270	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	331124	57.177	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	157860	53.773	ug/l	97
56) Ethyl methacrylate	10.51	69	236650	56.556	ug/l	99
57) 1,3-Dichloropropane	10.80	76	275972	54.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	540012	323.551	ug/l	99
59) 2-Hexanone	10.83	43	591455	284.923	ug/l	99
60) Dibromochloromethane	10.99	129	186076	57.187	ug/l	96
61) 1,2-Dibromoethane	11.09	107	152023	53.933	ug/l	100
64) Tetrachloroethene	10.72	164	229582	51.317	ug/l	95
65) Chlorobenzene	11.52	112	536807	54.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	193085	55.423	ug/l	100
67) Ethyl Benzene	11.60	91	994456	54.091	ug/l	100
68) m/p-Xylenes	11.70	106	757091	107.721	ug/l	96
69) o-Xylene	12.03	106	362164	54.016	ug/l	99
70) Styrene	12.05	104	627627	55.505	ug/l	100
71) Bromoform	12.21	173	113706	56.775	ug/l	97
73) Isopropylbenzene	12.33	105	988948	54.556	ug/l	100
74) N-amyl acetate	12.14	43	272413	61.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	178302	52.388	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	261913	91.621	ug/l #	100
77) Bromobenzene	12.61	156	220102	54.566	ug/l	97
78) n-propylbenzene	12.67	91	1193856	54.854	ug/l	100
79) 2-Chlorotoluene	12.76	91	666114	55.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	833073	54.807	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	71391	54.641	ug/l	99
82) 4-Chlorotoluene	12.86	91	705841	55.555	ug/l	99
83) tert-Butylbenzene	13.08	119	695294	54.016	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	834094	55.600	ug/l	99
85) sec-Butylbenzene	13.25	105	1025422	55.068	ug/l	100
86) p-Isopropyltoluene	13.37	119	898217	55.330	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	428376	53.901	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	436103	54.900	ug/l	98
89) n-Butylbenzene	13.70	91	895775	55.837	ug/l	98
90) Hexachloroethane	13.96	117	172588	57.413	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	394911	54.907	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32097	49.725	ug/l	98

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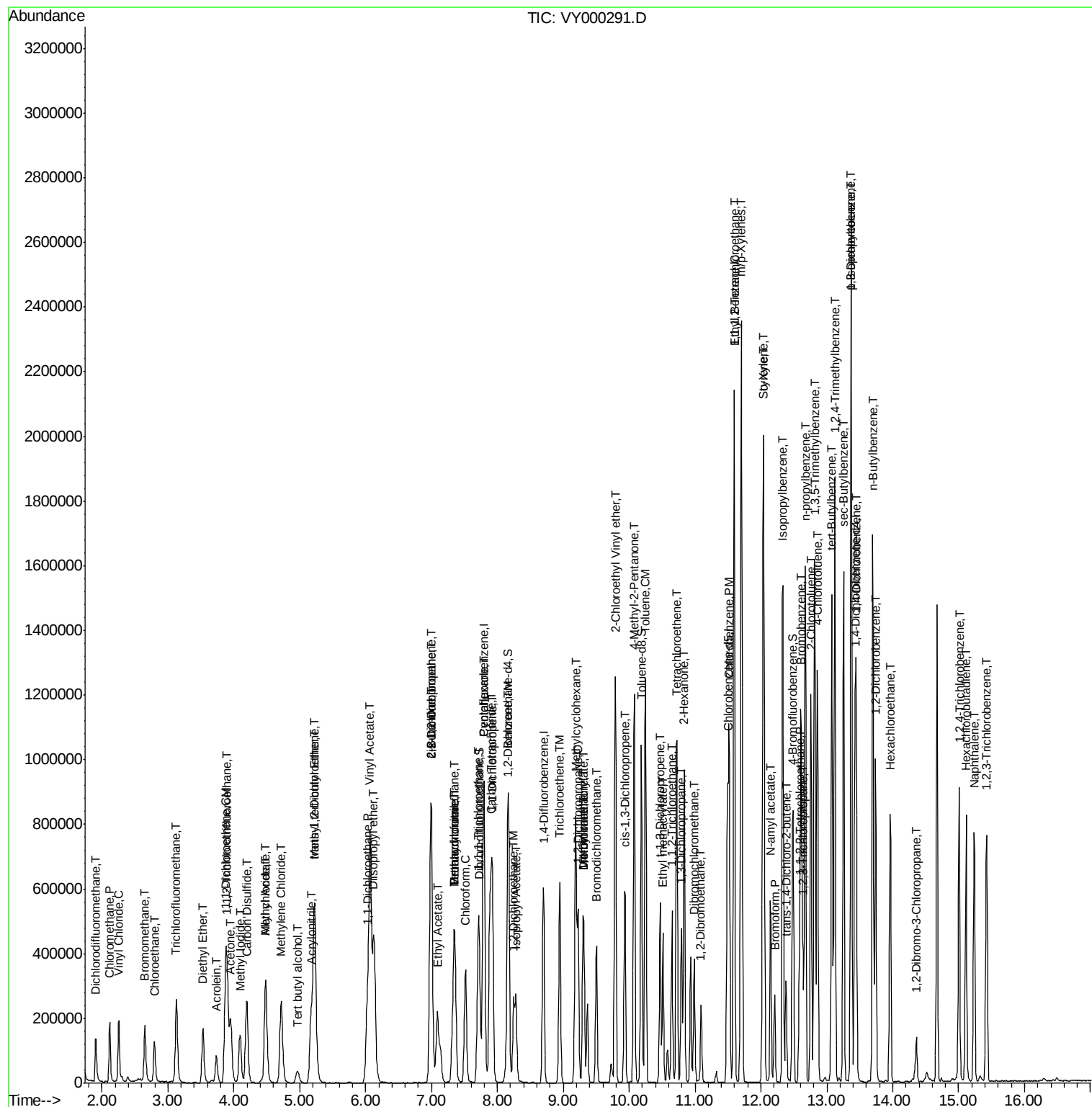
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	267009	53.321	ug/l	100
94) Hexachlorobutadiene	15.11	225	138718	51.188	ug/l	98
95) Naphthalene	15.23	128	605997	54.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	240371	53.261	ug/l	98

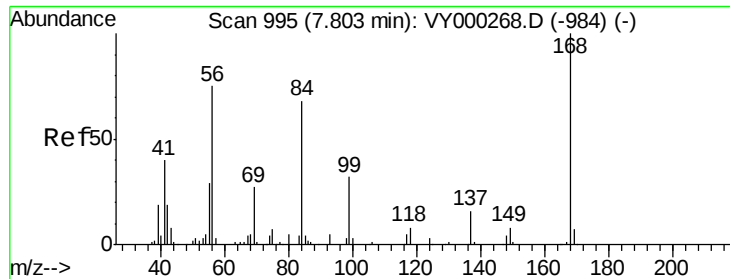
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

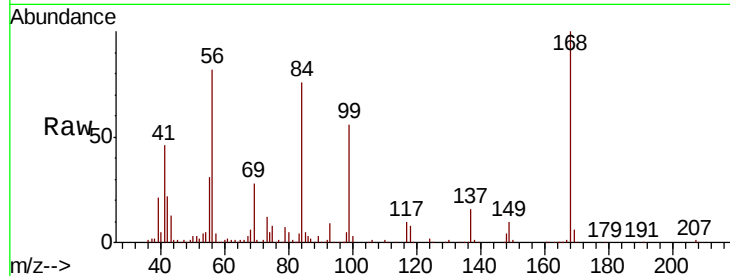
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 312329

Ion Ratio Lower Upper

168 100

99 56.3 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VY000291.D (-946) (-)

7.80

150000

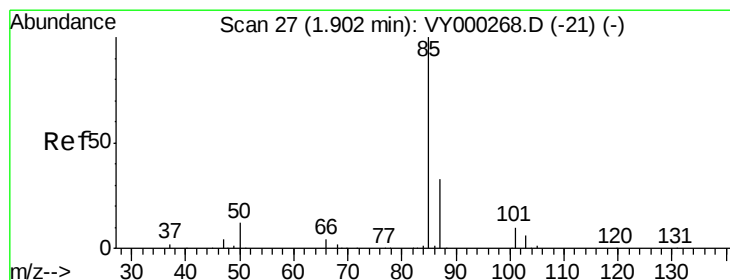
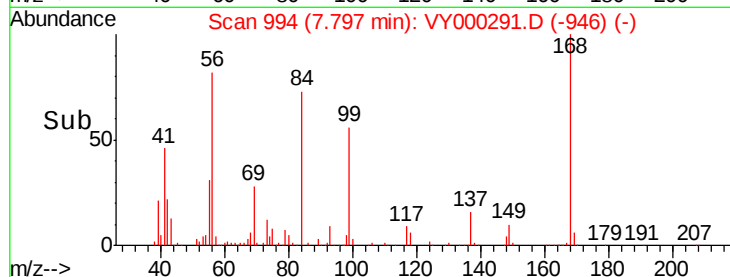
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.478 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000291.D

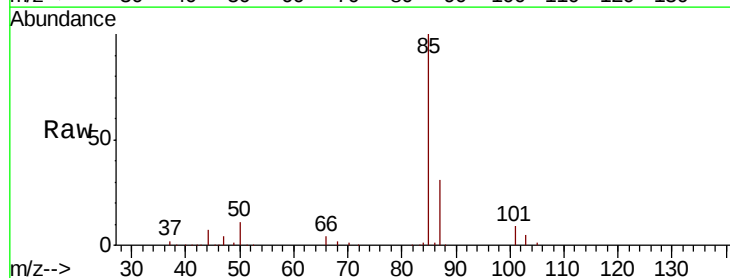
Acq: 14 Oct 2019 11:10

Tgt Ion: 85 Resp: 124425

Ion Ratio Lower Upper

85 100

87 30.8 16.6 49.8



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

Ion 86.90 (86.60 to 87.60): VY000291.D (-1) (-)

1.91

80000

60000

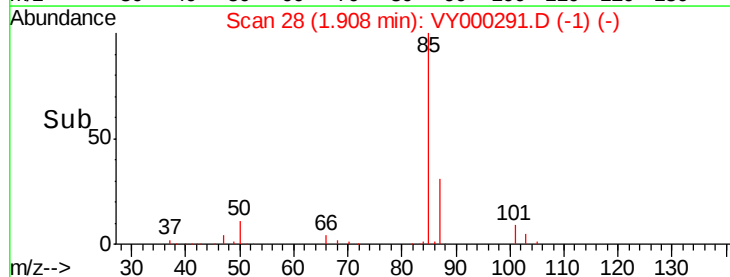
40000

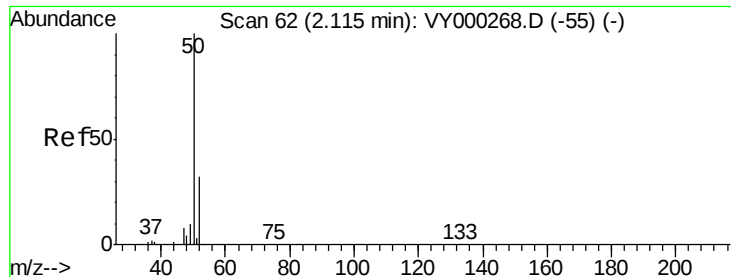
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.617 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

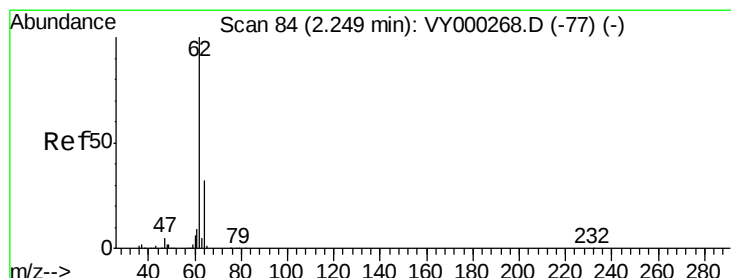
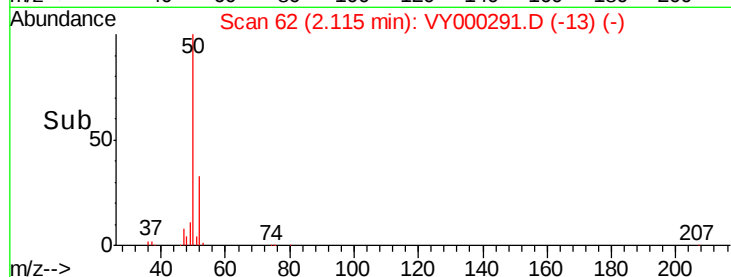
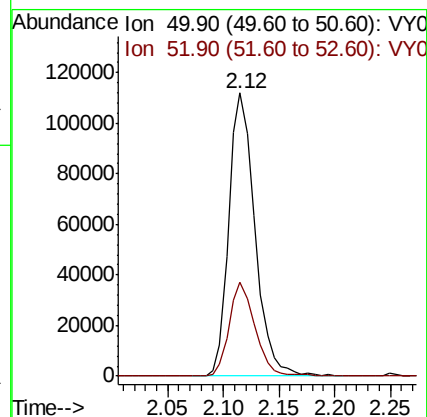
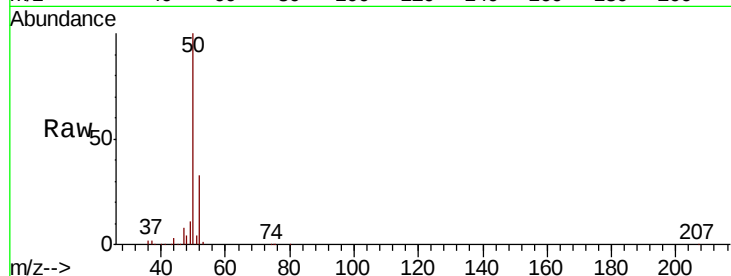
ClientSampleId :

Tot Ion: 50 Resp: 181734

Ion Ratio Lower Upper

50 100

52 33.1 25.3 37.9



#4

Vinyl Chloride

Concen: 51.132 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000291.D

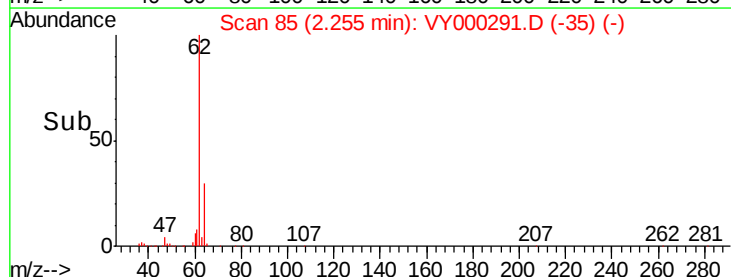
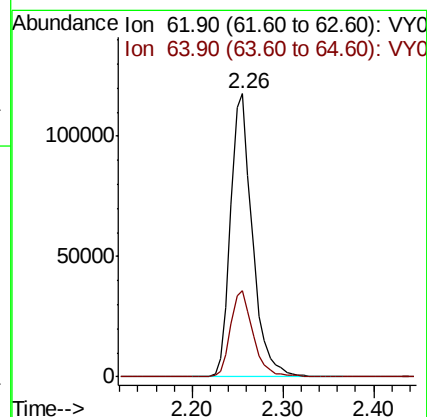
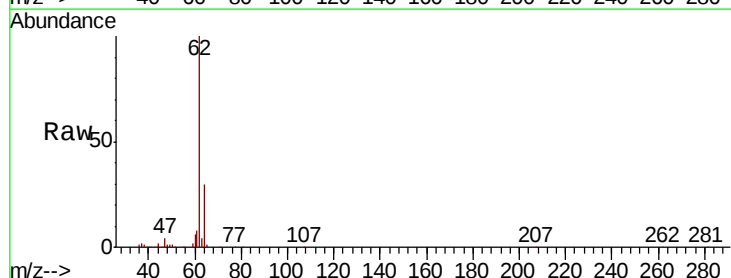
Acq: 14 Oct 2019 11:10

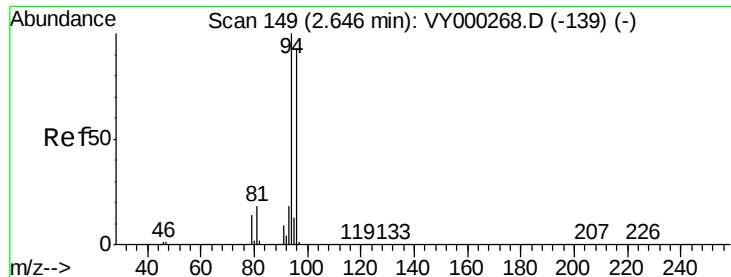
Tgt Ion: 62 Resp: 196947

Ion Ratio Lower Upper

62 100

64 30.4 25.6 38.4





#5

Bromomethane

Concen: 46.083 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

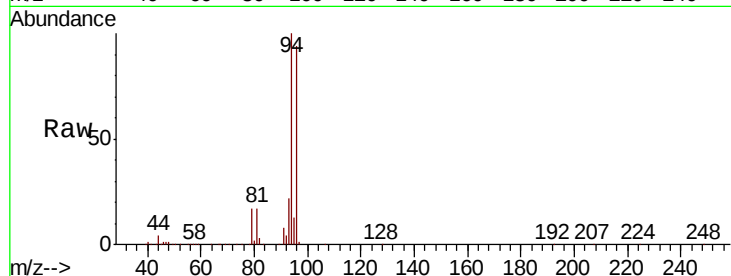
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 131549

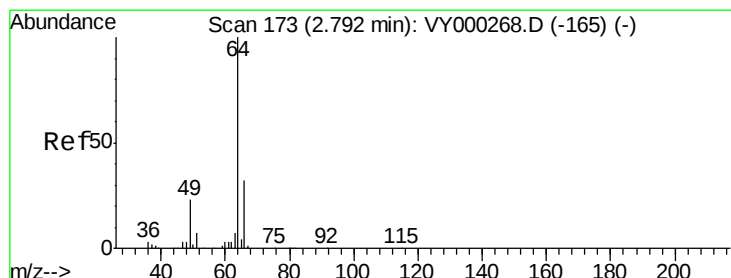
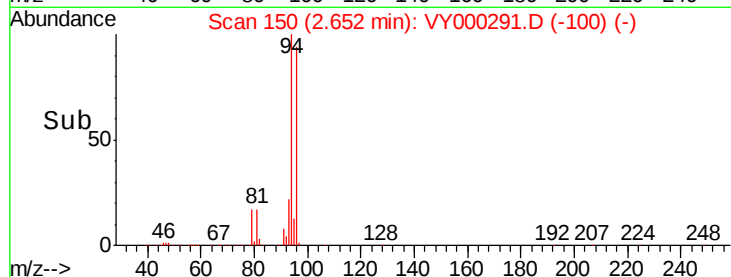
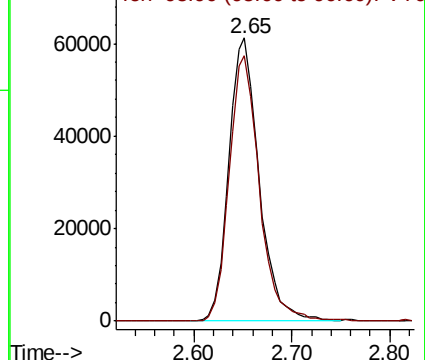
Ion Ratio Lower Upper

94 100

96 93.6 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: 51.287 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000291.D

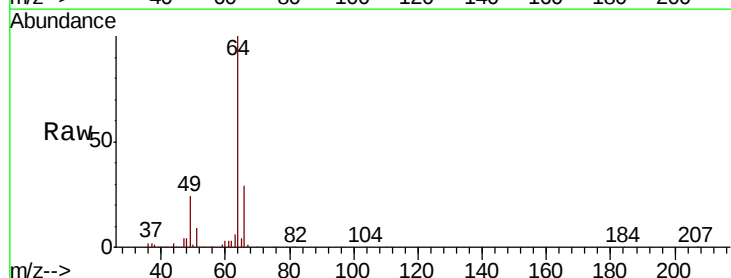
Acq: 14 Oct 2019 11:10

Tgt Ion: 64 Resp: 127460

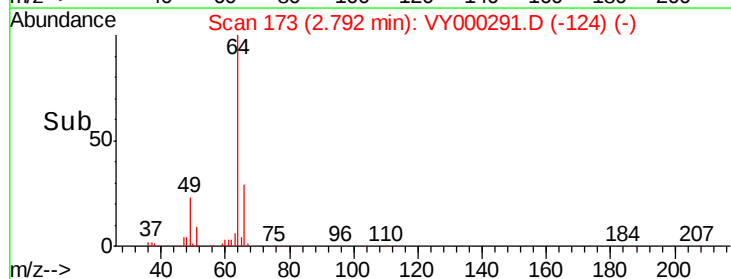
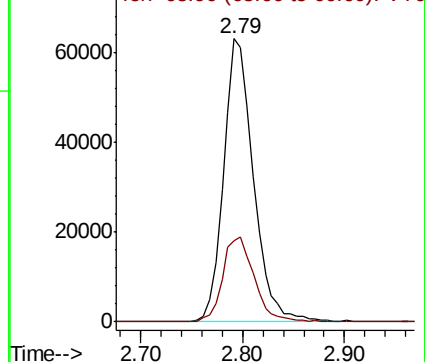
Ion Ratio Lower Upper

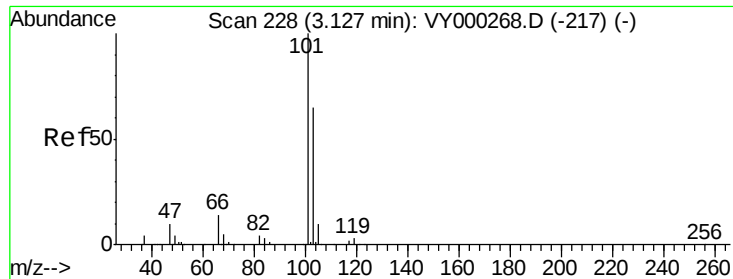
64 100

66 28.5 25.6 38.4



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



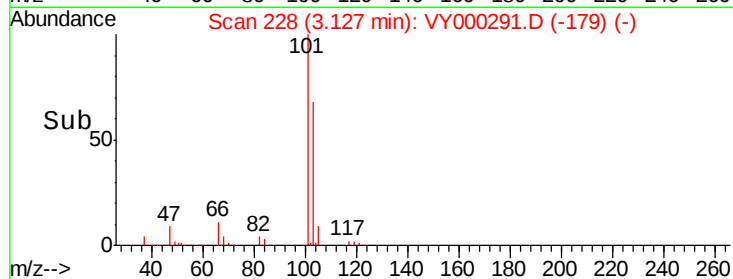
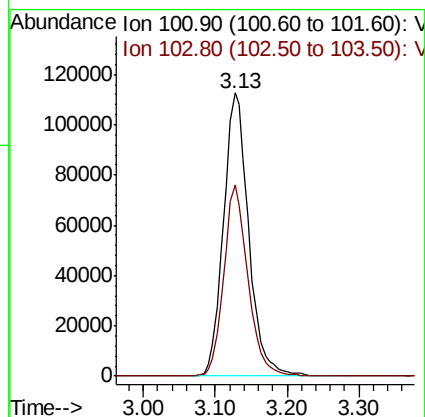
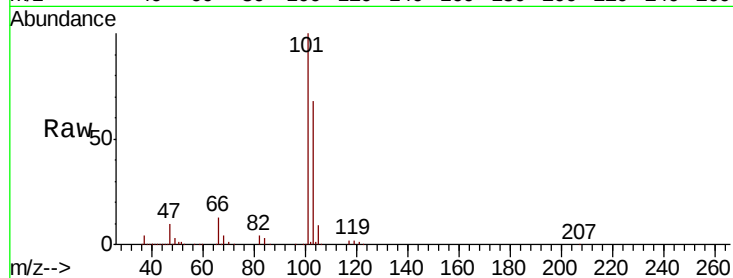


#7

Trichlorofluoromethane
Concen: 52.050 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampled :

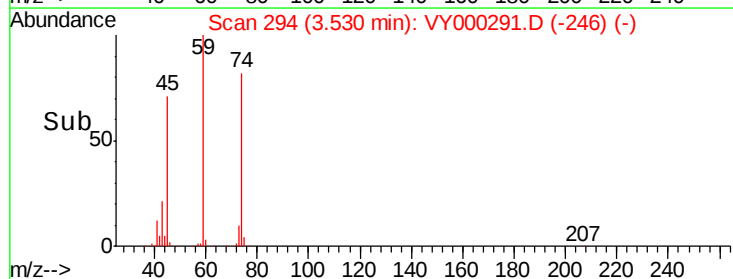
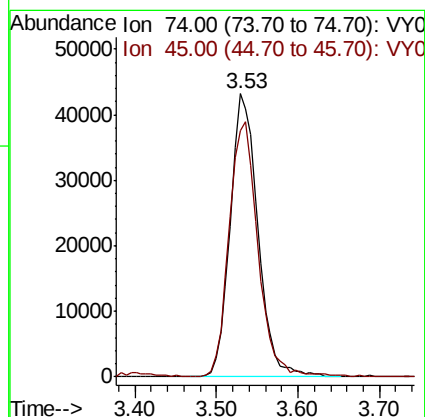
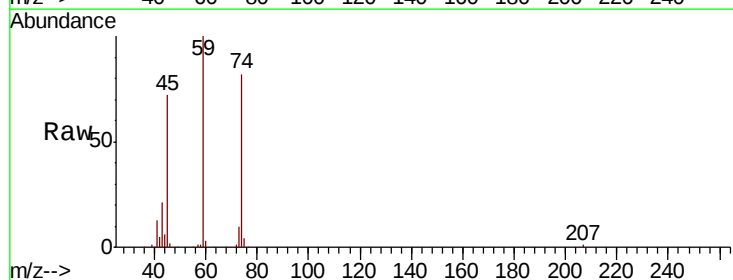
Tot Ion:101 Resp: 274238
Ion Ratio Lower Upper
101 100
103 67.8 52.2 78.4

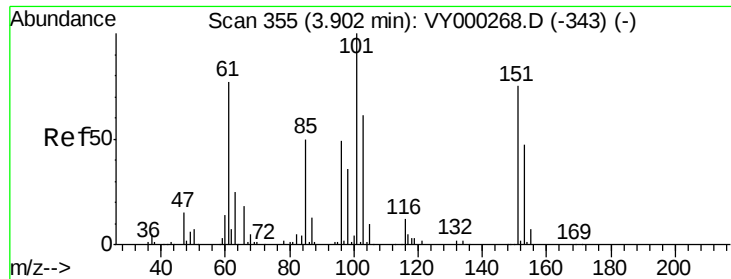


#8

Diethyl Ether
Concen: 54.264 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 74 Resp: 101001
Ion Ratio Lower Upper
74 100
45 94.5 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.907 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampleId :

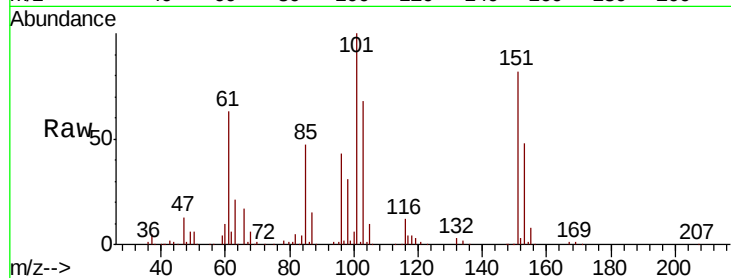
Tot Ion:101 Resp: 169053

Ion Ratio Lower Upper

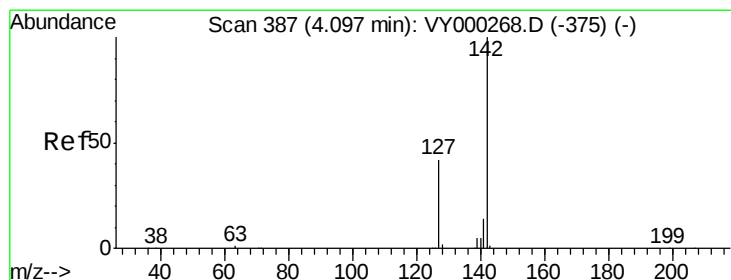
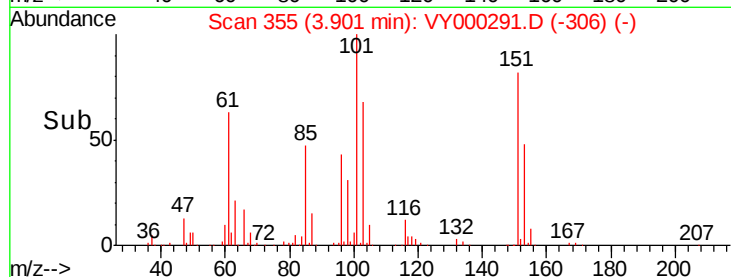
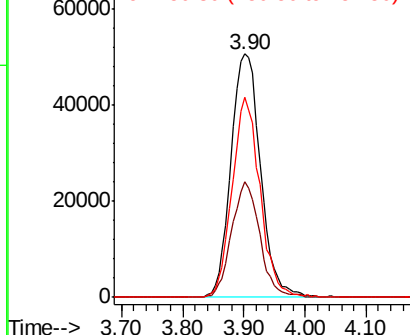
101 100

85 45.0 36.6 55.0

151 77.2 63.1 94.7



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



#10

Methyl Iodide

Concen: 53.847 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

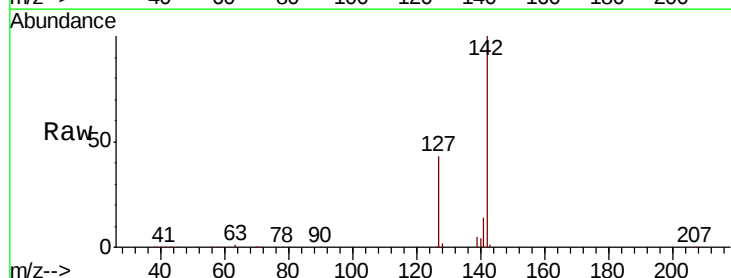
Tgt Ion:142 Resp: 245495

Ion Ratio Lower Upper

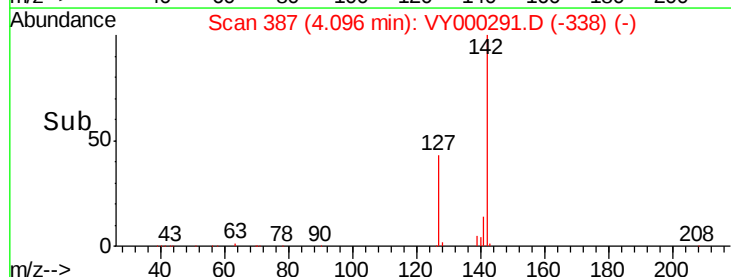
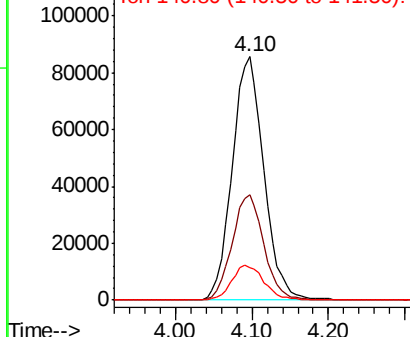
142 100

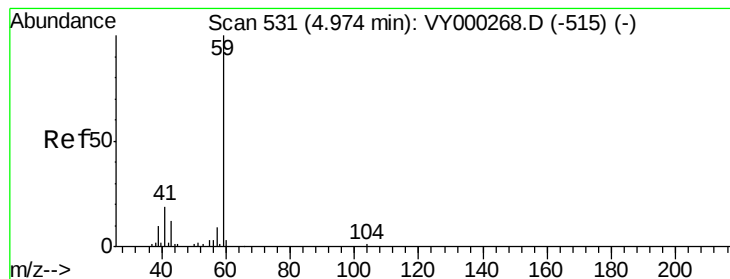
127 43.3 33.9 50.9

141 14.5 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



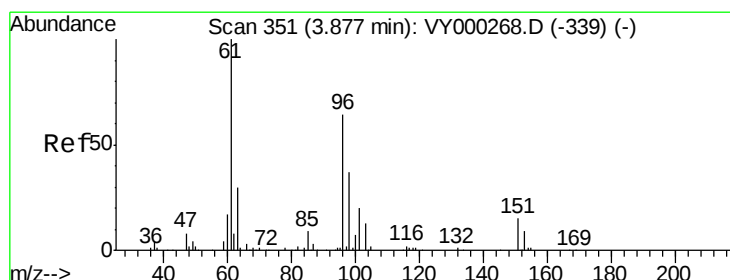
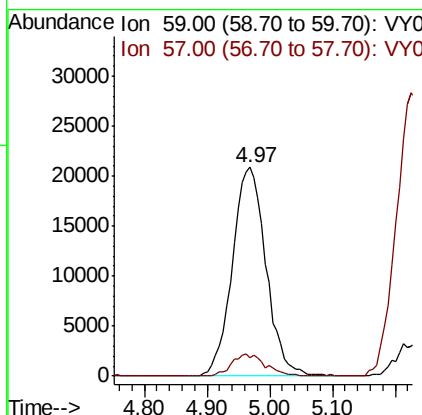
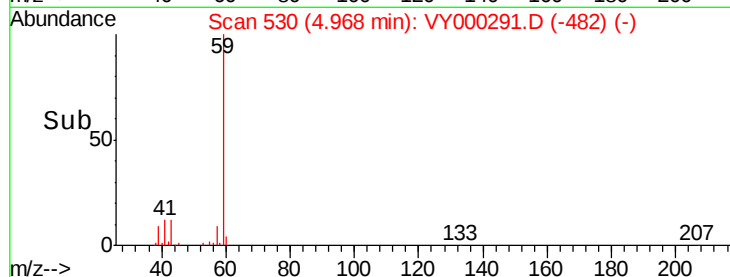
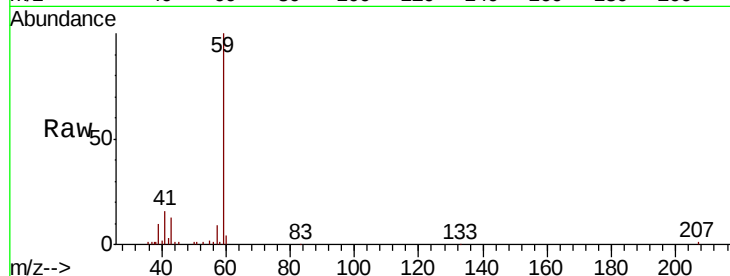


#11

Tert butyl alcohol
 Concen: 225.279 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Instrument :
 MSVOA_Y
 ClientSampleId :

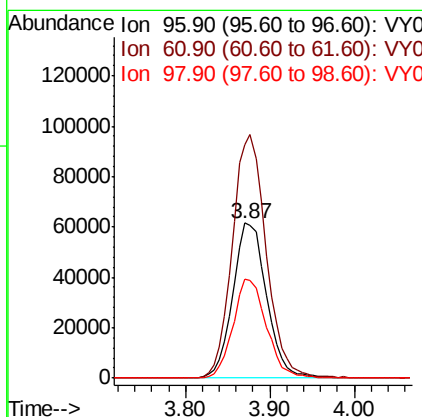
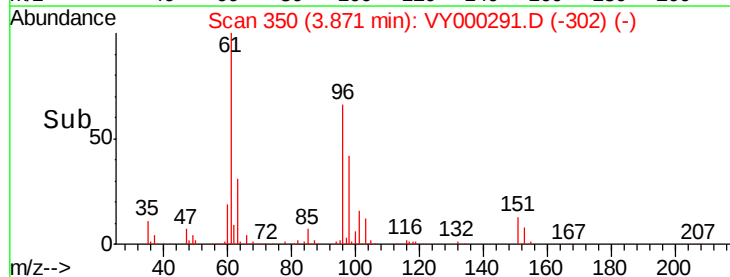
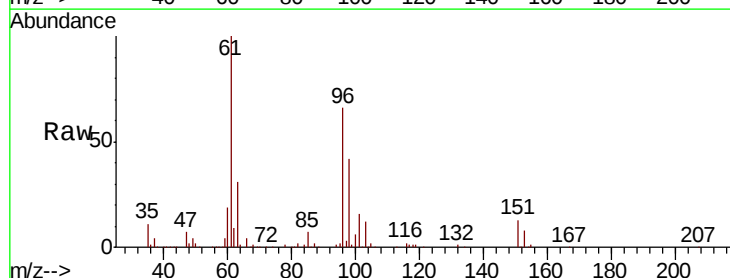
Tot Ion: 59 Resp: 77672
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

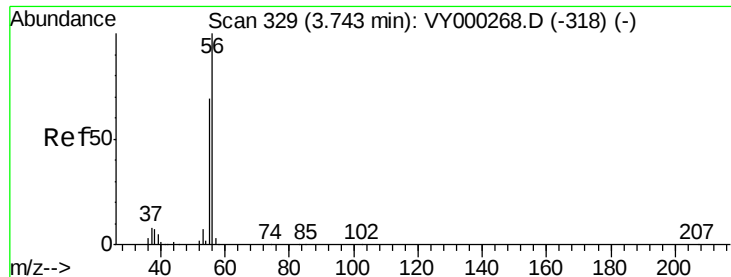


#12

1,1-Dichloroethene
 Concen: 52.854 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Tgt Ion: 96 Resp: 166726
 Ion Ratio Lower Upper
 96 100
 61 150.7 125.8 188.6
 98 63.8 46.2 69.2





#13

Acrolein

Concen: 247.870 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

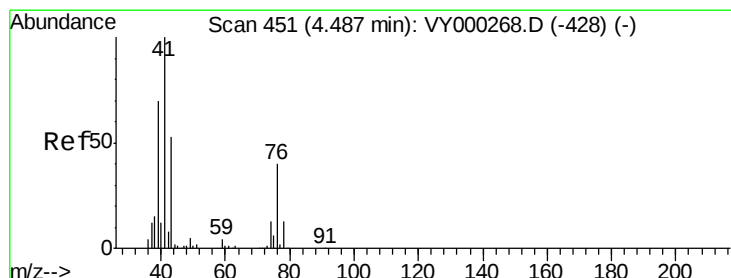
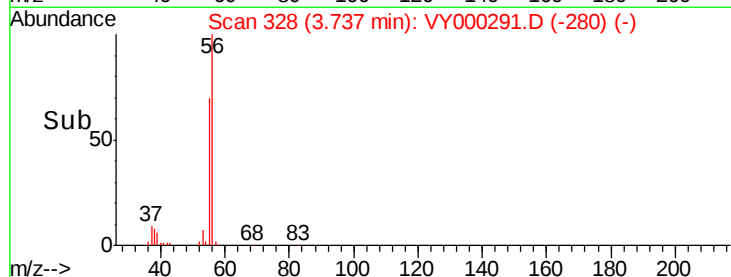
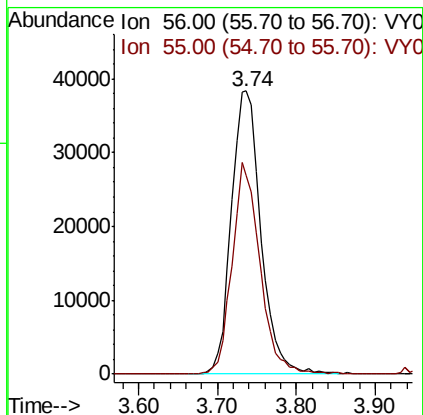
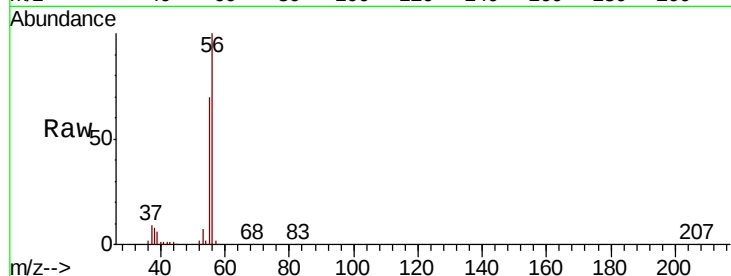
ClientSampleId :

Tot Ion: 56 Resp: 100194

Ion Ratio Lower Upper

56 100

55 70.4 55.7 83.5



#14

Allyl chloride

Concen: 54.025 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

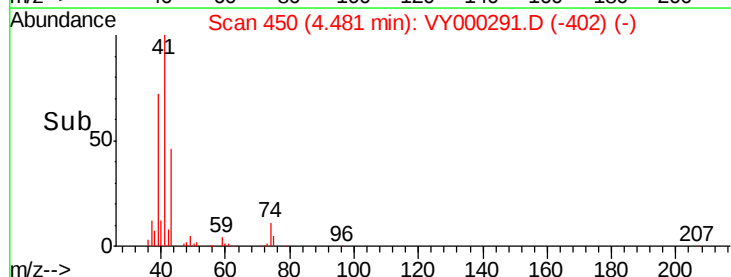
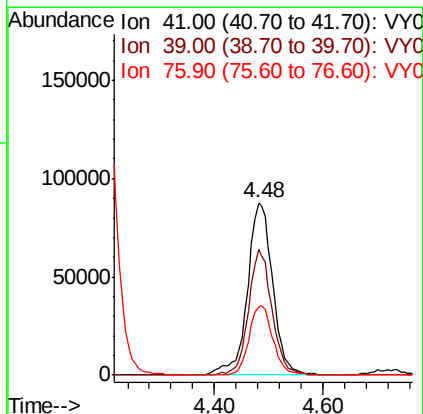
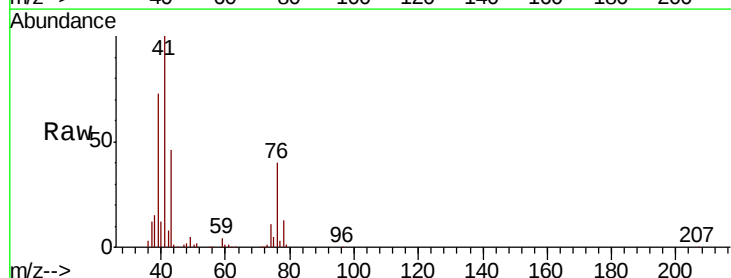
Tgt Ion: 41 Resp: 282413

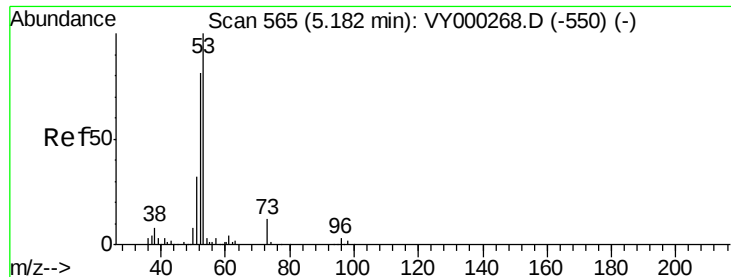
Ion Ratio Lower Upper

41 100

39 67.7 54.0 81.0

76 38.0 30.7 46.1





#15

Acrylonitrile

Concen: 245.815 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampleId :

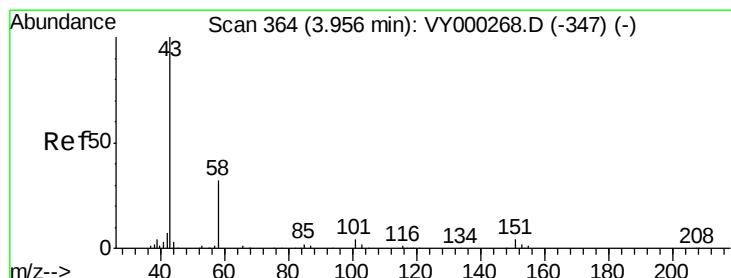
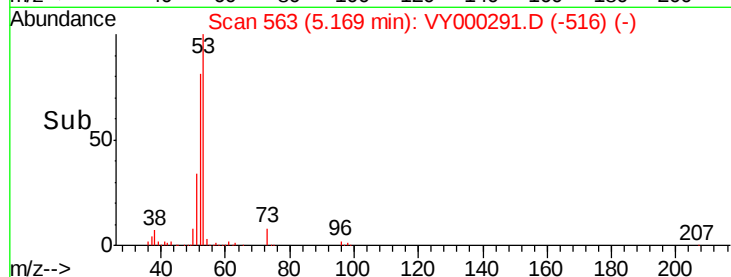
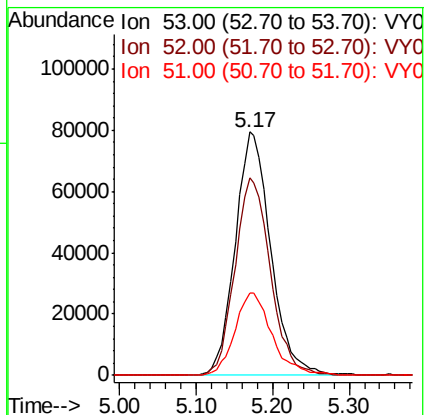
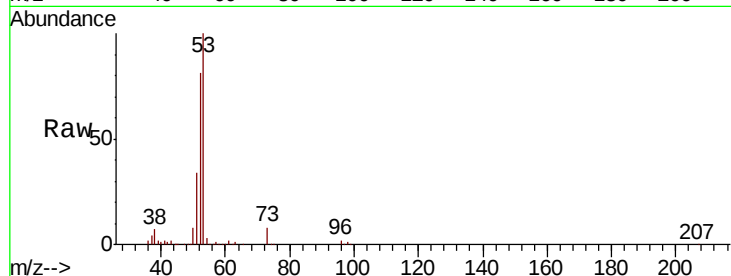
Tot Ion: 53 Resp: 256090

Ion Ratio Lower Upper

53 100

52 81.0 62.9 94.3

51 35.6 26.9 40.3



#16

Acetone

Concen: 274.693 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000291.D

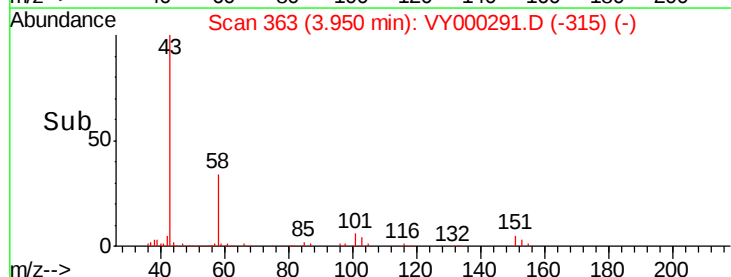
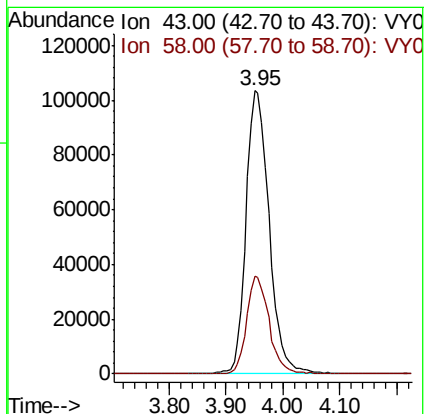
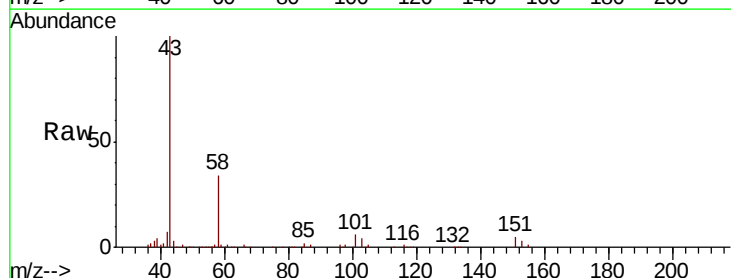
Acq: 14 Oct 2019 11:10

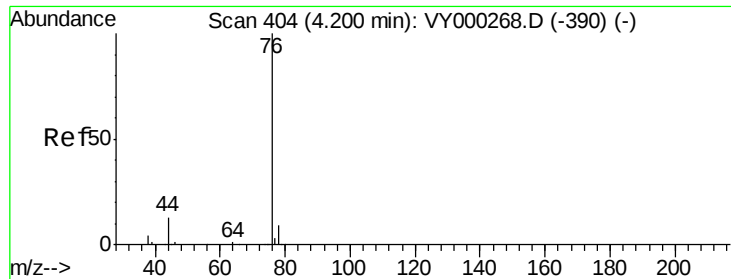
Tgt Ion: 43 Resp: 293077

Ion Ratio Lower Upper

43 100

58 34.3 25.8 38.6





#17

Carbon Disulfide

Concen: 52.467 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

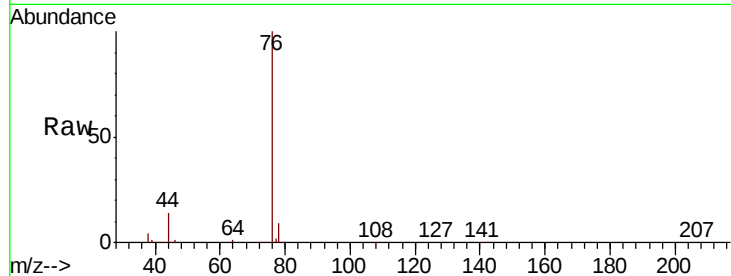
ClientSampleId :

Tot Ion: 76 Resp: 521089

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

200000

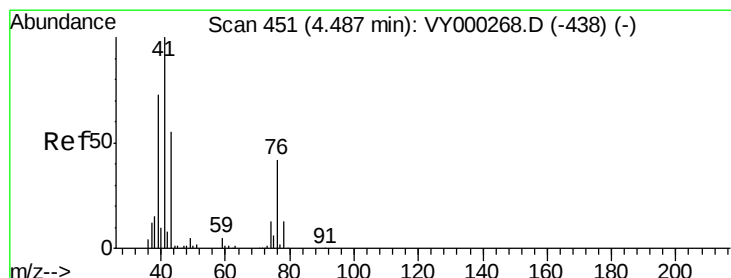
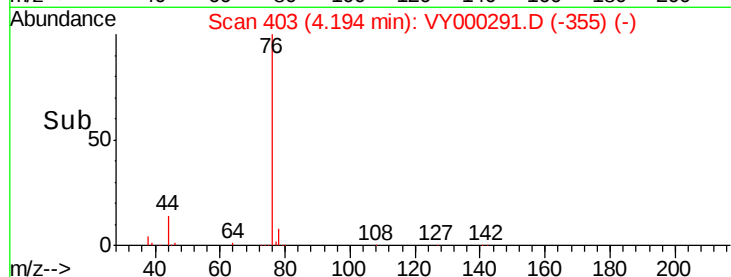
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 45.288 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000291.D

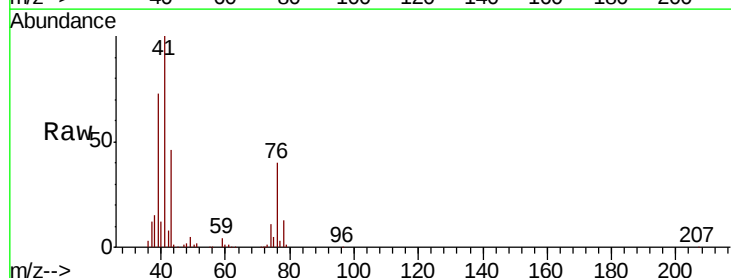
Acq: 14 Oct 2019 11:10

Tgt Ion: 43 Resp: 120053

Ion Ratio Lower Upper

43 100

74 25.4 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

40000

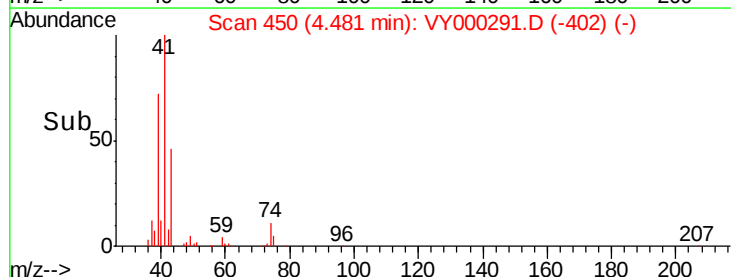
30000

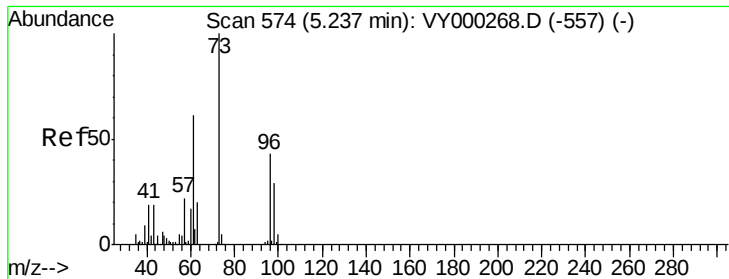
20000

10000

0

Time--> 4.40 4.50 4.60

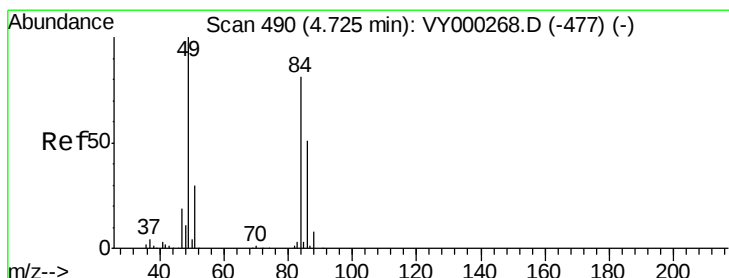
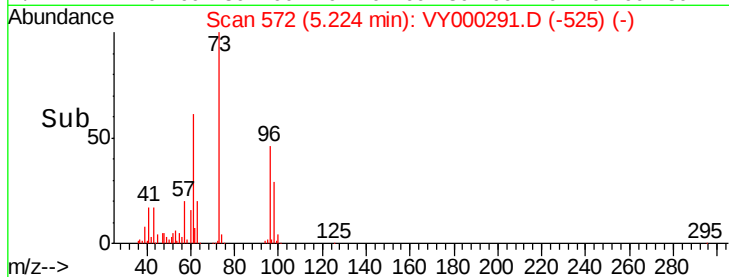
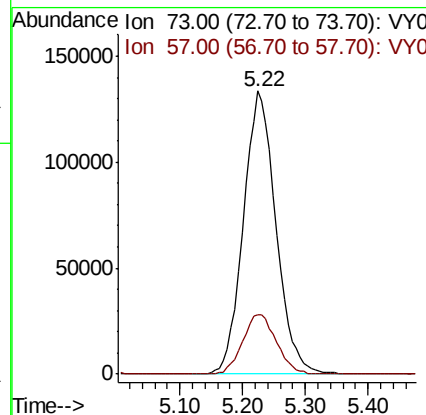
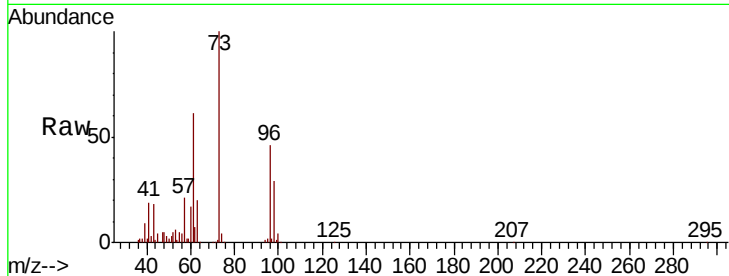




#19
Methvl tert-butvl Ether
Concen: 54.395 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

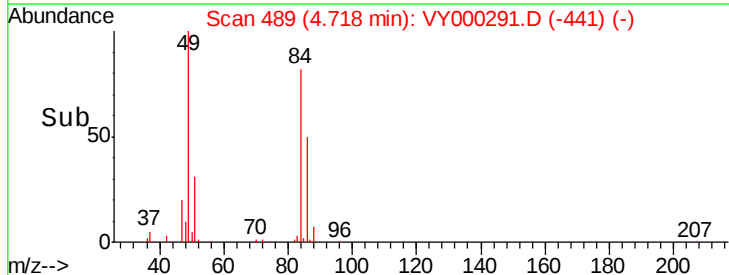
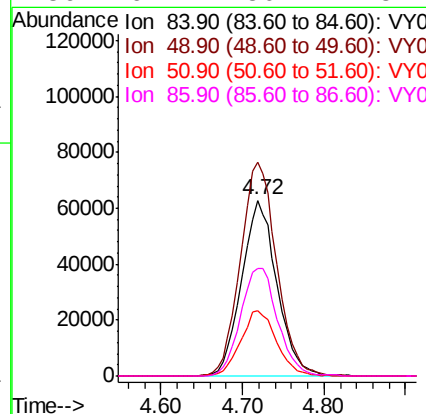
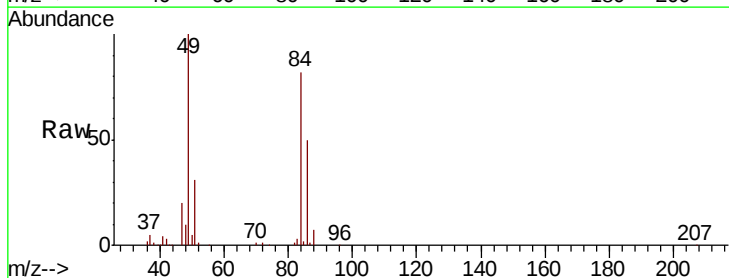
Instrument :
MSVOA_Y
ClientSampleId :

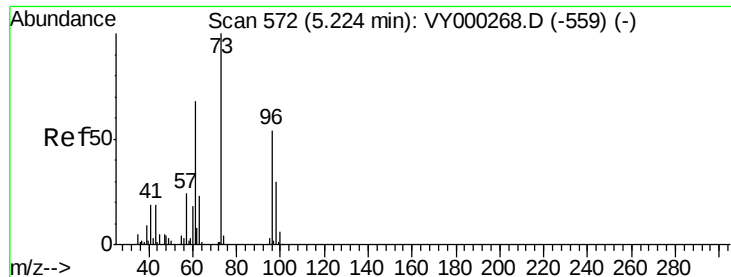
Tot Ion: 73 Resp: 477659
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 52.676 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 84 Resp: 188314
Ion Ratio Lower Upper
84 100
49 121.7 99.0 148.4
51 37.2 29.3 43.9
86 61.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 52.584 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampled :

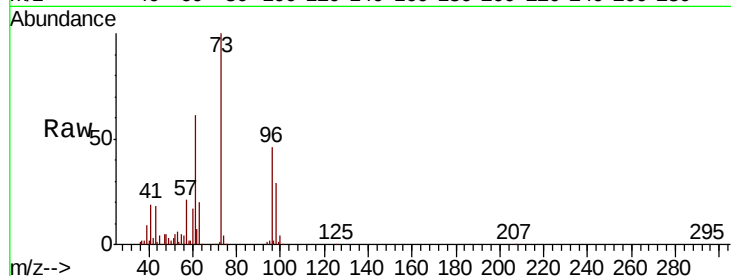
Tot Ion: 96 Resp: 190306

Ion Ratio Lower Upper

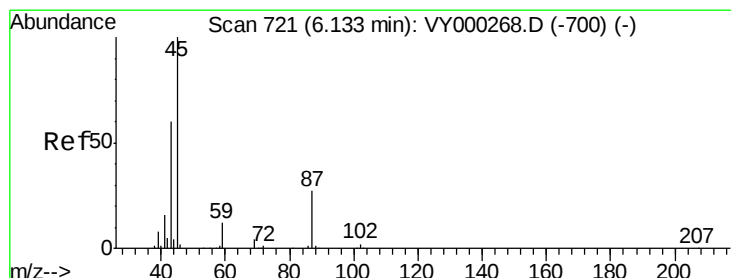
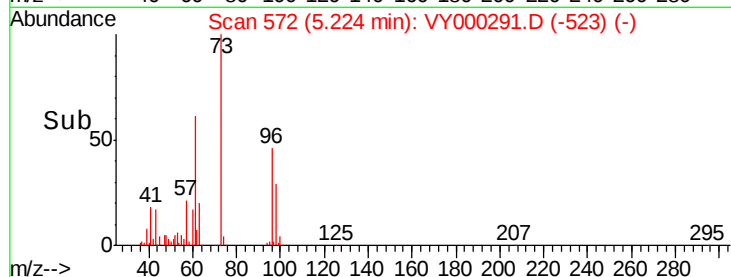
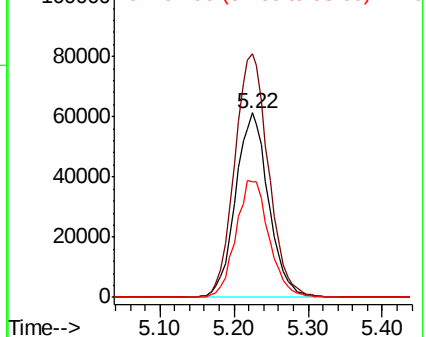
96 100

61 132.1 100.4 150.6

98 62.6 44.6 66.8



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



#22

Diisopropyl ether

Concen: 55.852 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Tgt Ion: 45 Resp: 617515

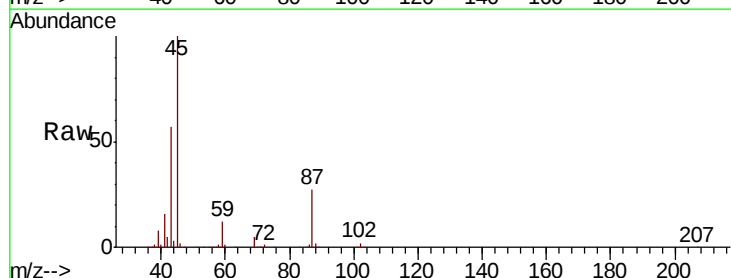
Ion Ratio Lower Upper

45 100

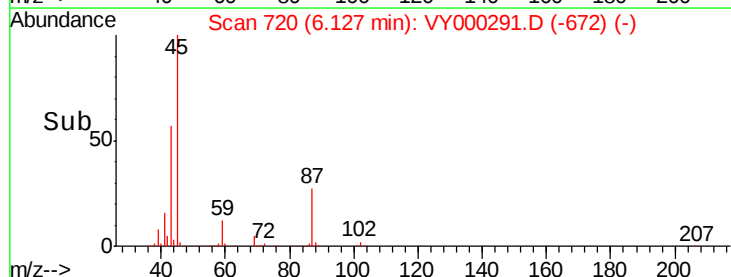
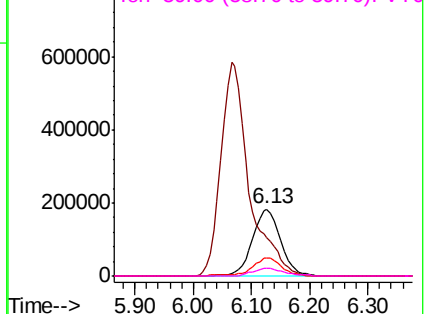
43 57.1 48.5 72.7

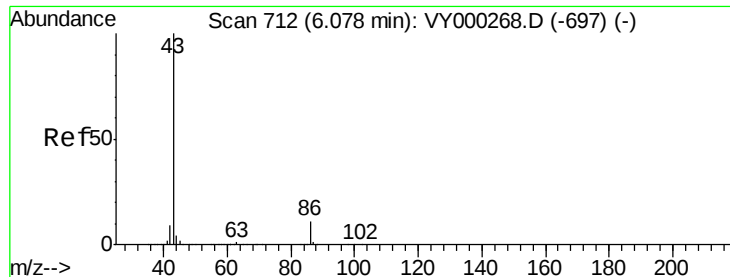
87 26.5 21.5 32.3

59 12.0 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 273.040 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

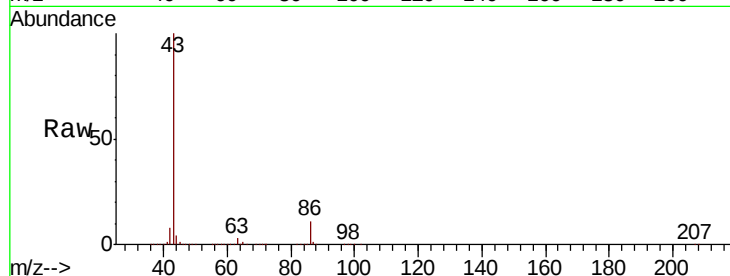
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1969420

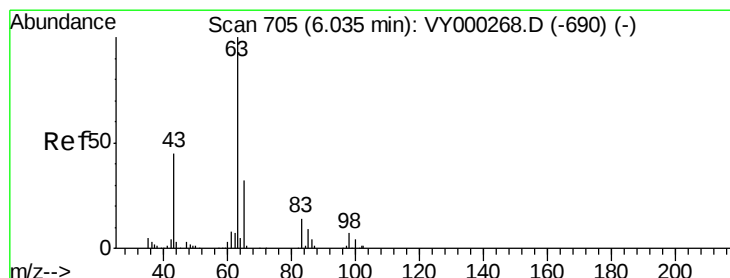
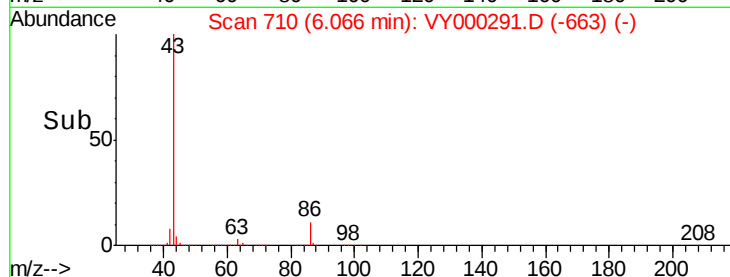
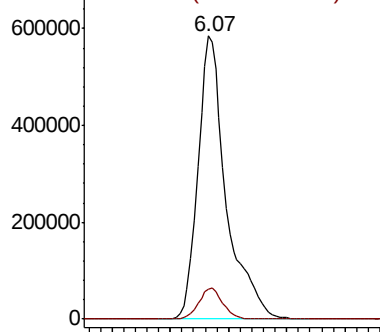
Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.350 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

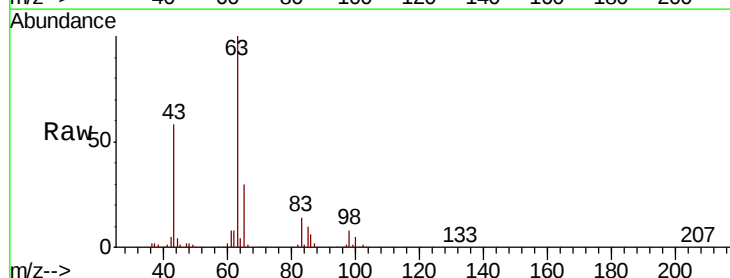
Tgt Ion: 63 Resp: 334032

Ion Ratio Lower Upper

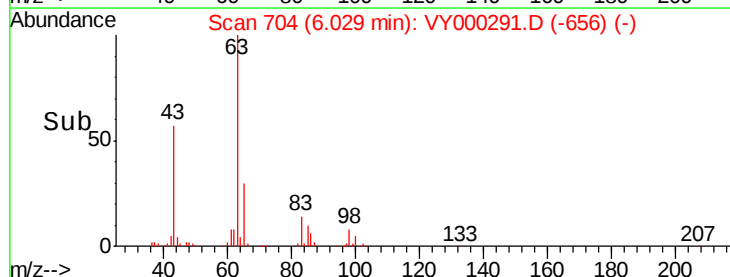
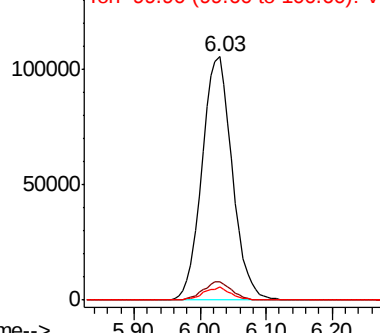
63 100

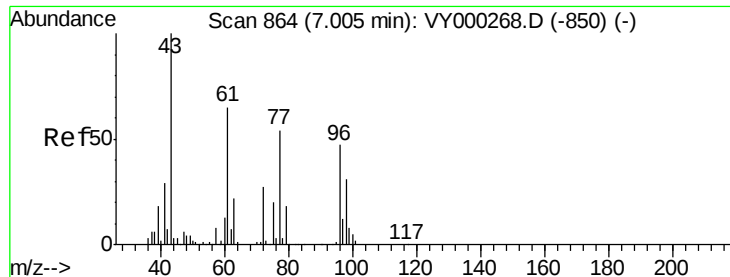
98 7.6 3.5 10.4

100 5.5 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





#25

2-Butanone

Concen: 265.689 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

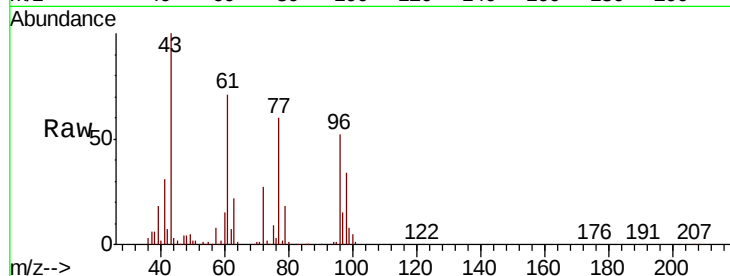
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 399320

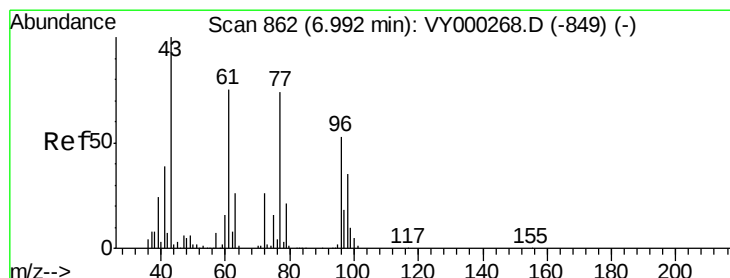
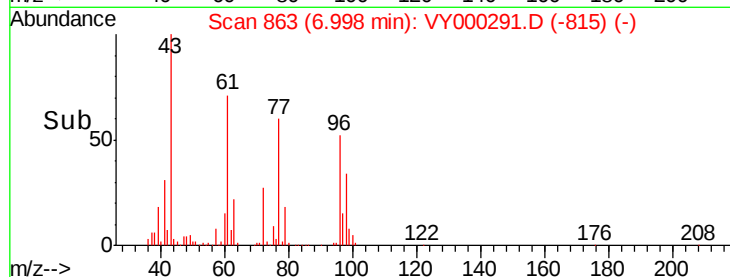
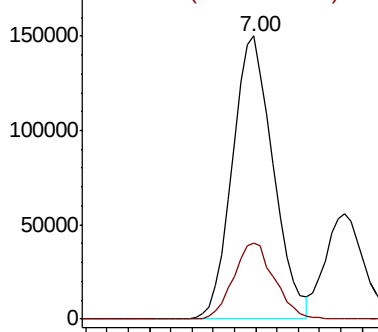
Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.2



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



#26

2,2-Dichloropropane

Concen: 54.245 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000291.D

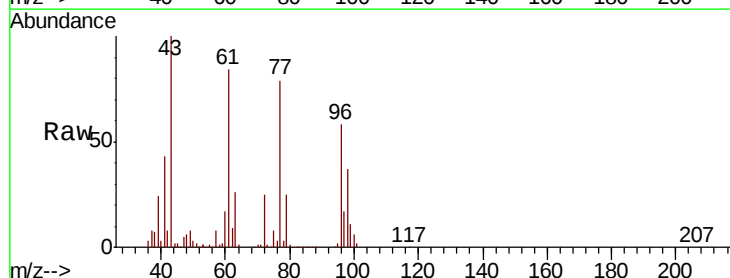
Acq: 14 Oct 2019 11:10

Tgt Ion: 77 Resp: 301652

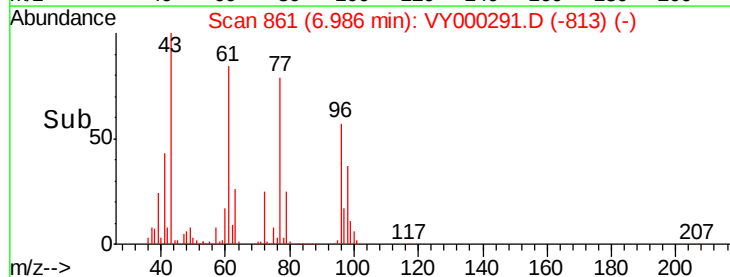
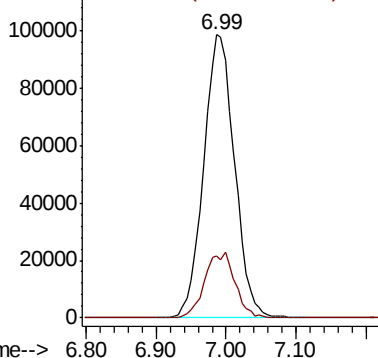
Ion Ratio Lower Upper

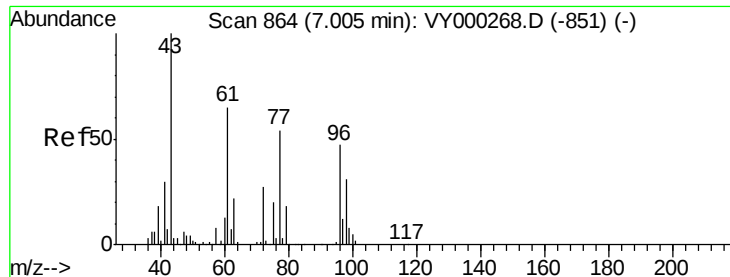
77 100

97 22.8 11.6 34.7



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



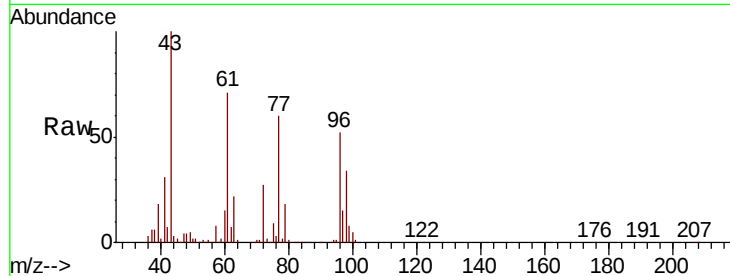


#27

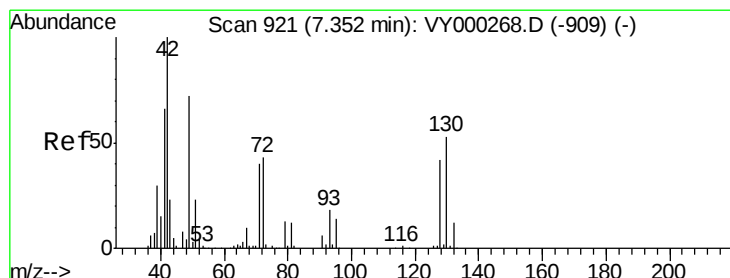
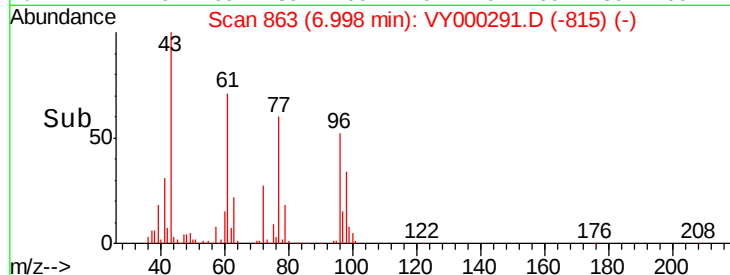
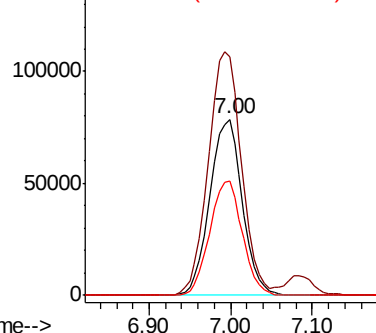
cis-1,2-Dichloroethene
Concen: 55.584 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 217674
Ion Ratio Lower Upper
96 100
61 141.4 0.0 289.8
98 65.2 0.0 131.8



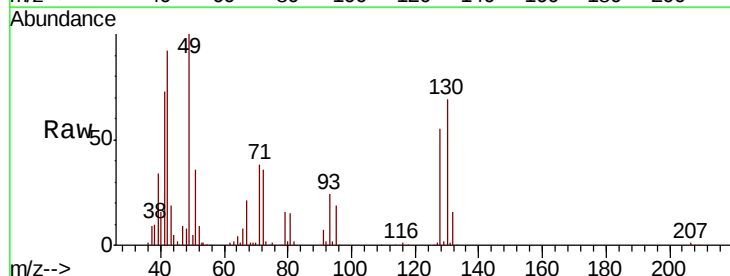
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



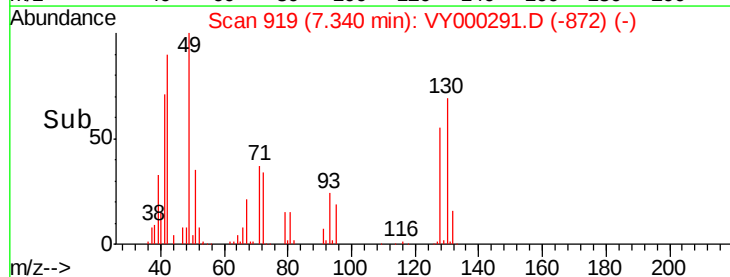
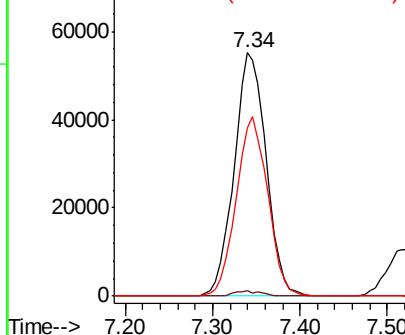
#28

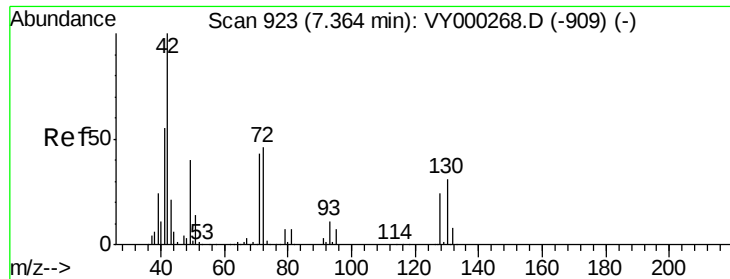
Bromochloromethane
Concen: 54.053 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 49 Resp: 140034
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 73.0 58.2 87.2



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

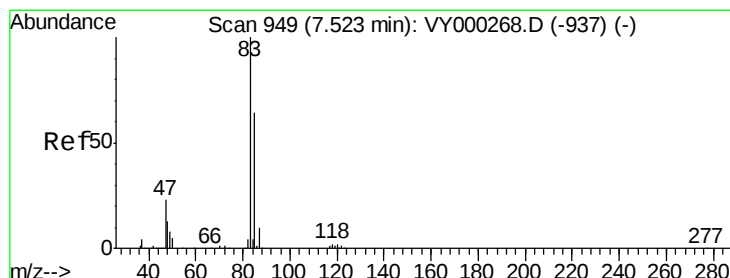
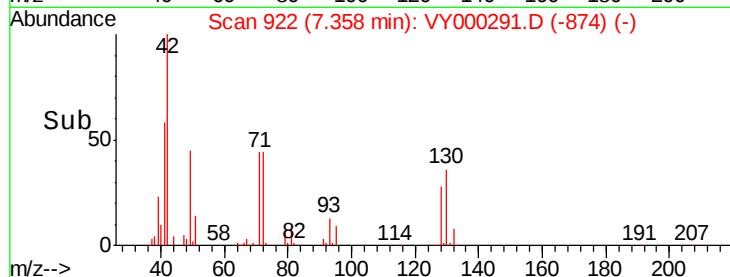
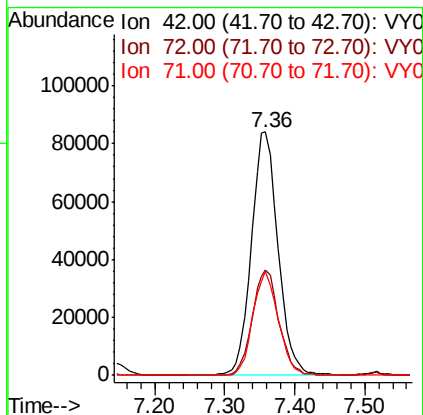
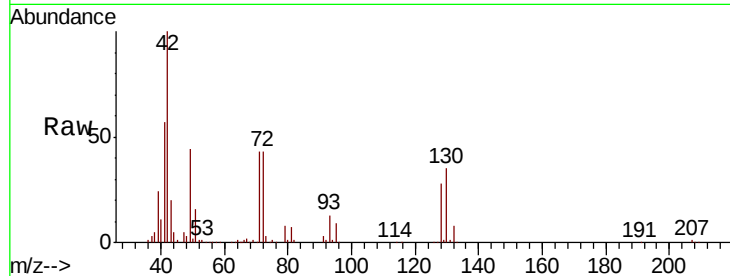




#29
Tetrahydrofuran
Concen: 244.386 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

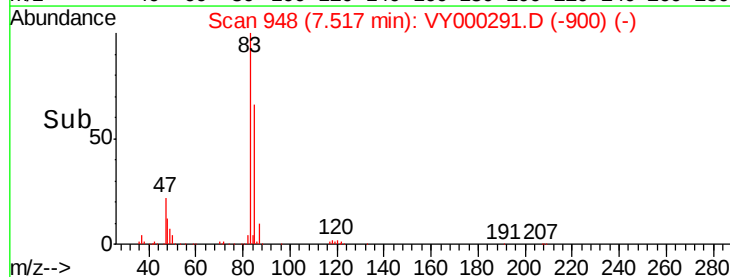
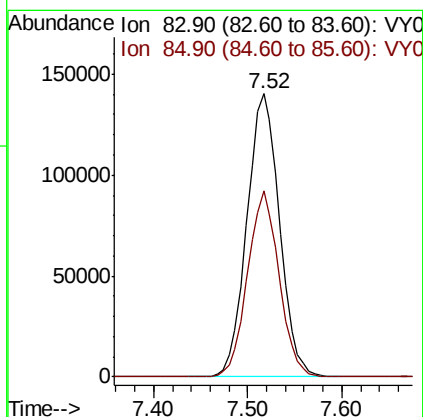
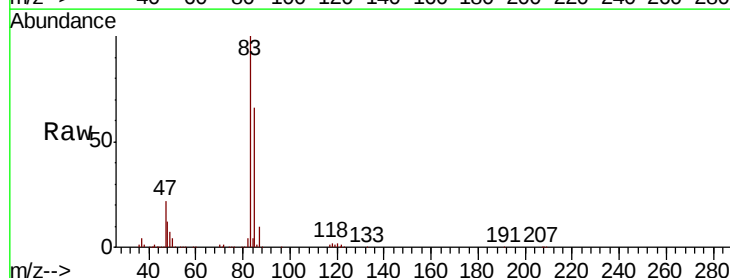
Instrument :
MSVOA_Y
ClientSampled :

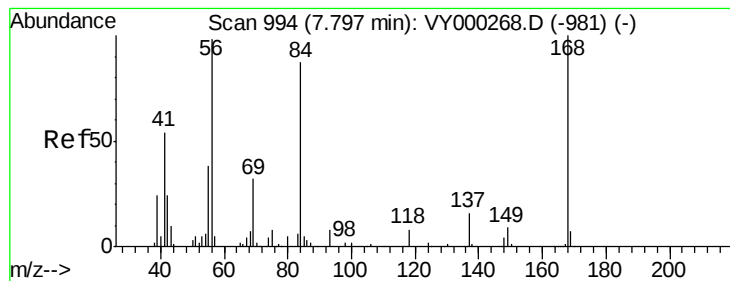
Tot Ion: 42 Resp: 222599
Ion Ratio Lower Upper
42 100
72 43.1 34.5 51.7
71 40.8 32.7 49.1



#30
Chloroform
Concen: 55.823 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 83 Resp: 339268
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.2





#31

Cyclohexane

Concen: 51.075 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampled :

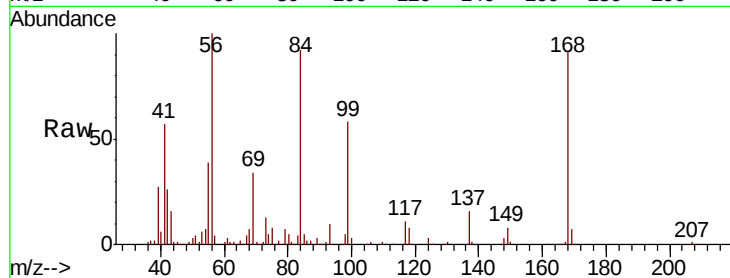
Tot Ion: 56 Resp: 321935

Ion Ratio Lower Upper

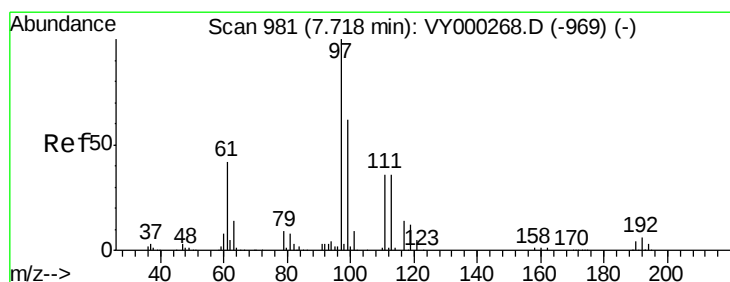
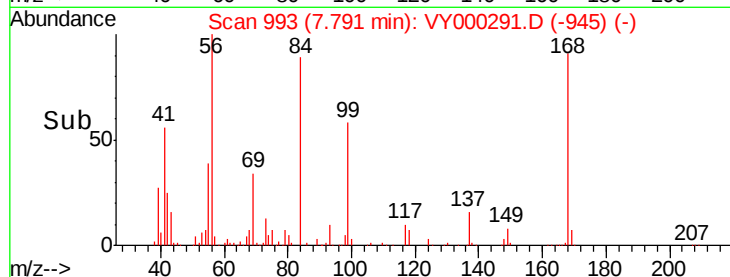
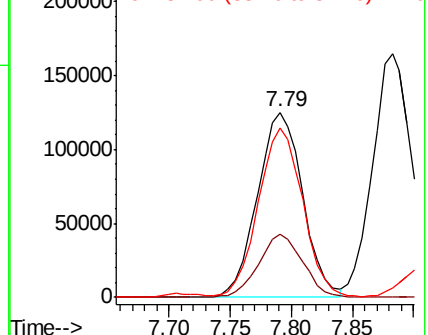
56 100

69 34.0 26.3 39.5

84 89.8 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: 55.656 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

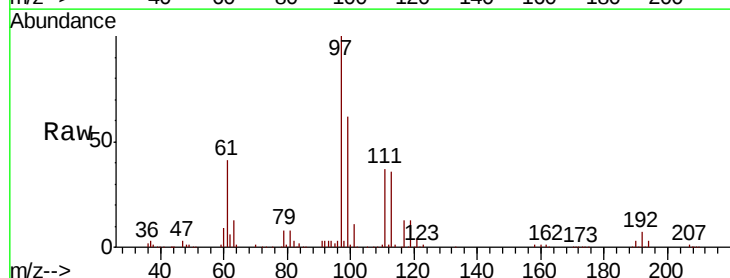
Tgt Ion: 97 Resp: 300718

Ion Ratio Lower Upper

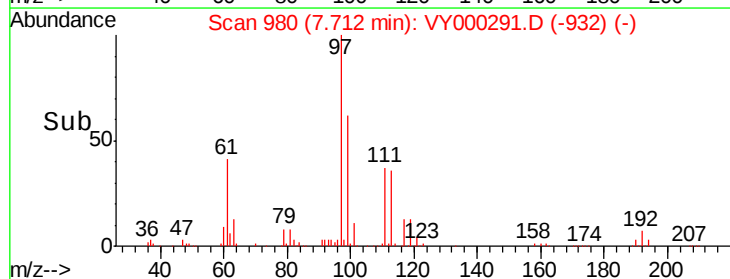
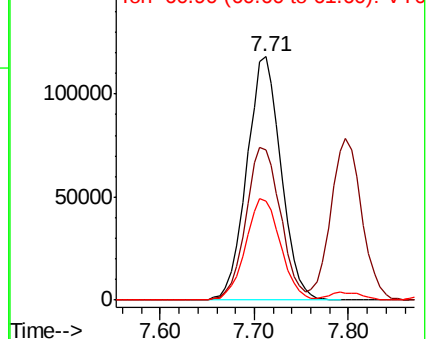
97 100

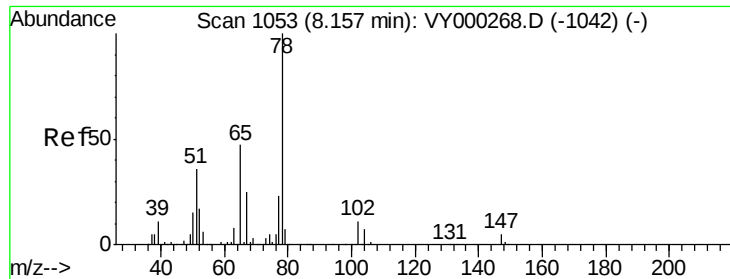
99 63.6 51.7 77.5

61 42.5 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

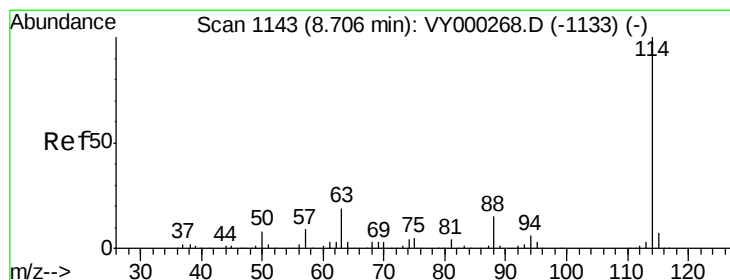
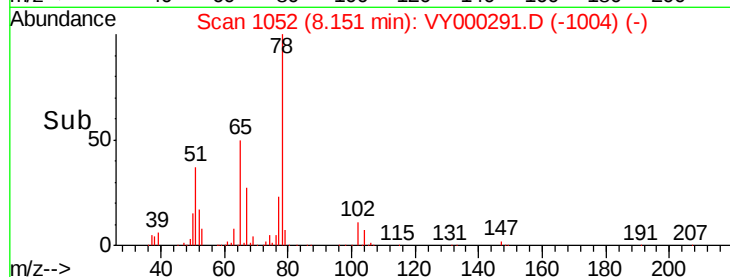
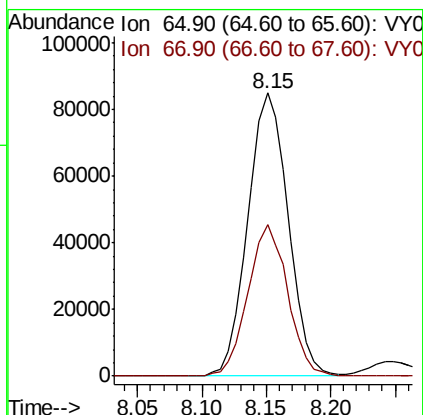
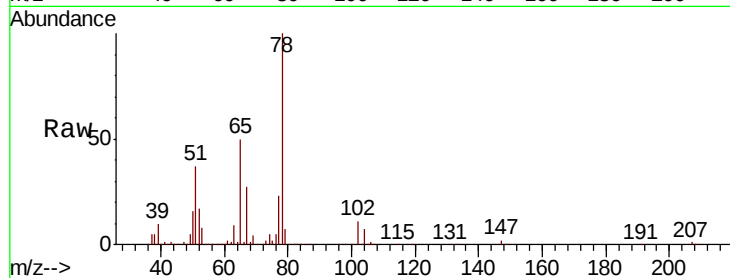




#33
 1,2-Dichloroethane-d4
 Concen: 55.910 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

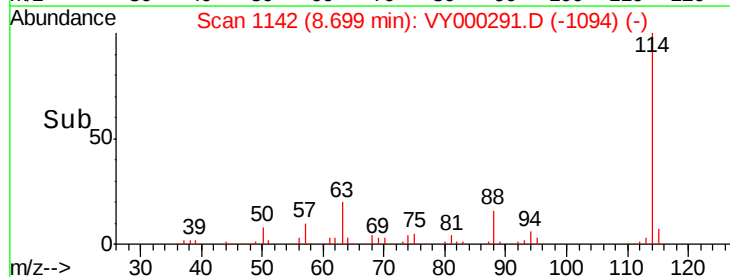
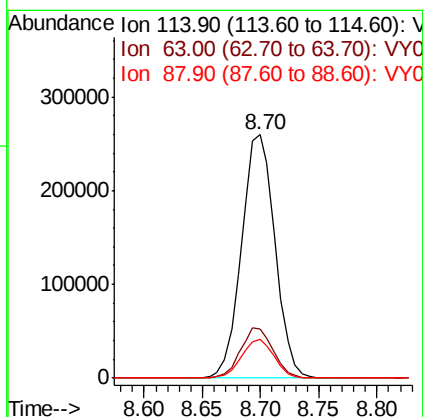
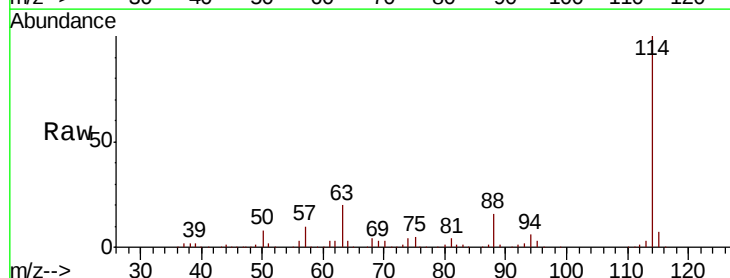
Instrument :
 MSVOA_Y
 ClientSampleId :

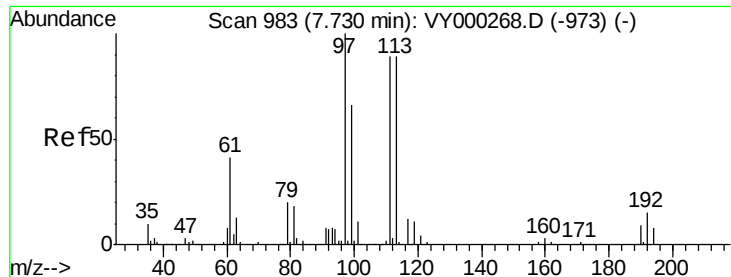
Tot Ion: 65 Resp: 184200
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Tgt Ion: 114 Resp: 520180
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.2
 88 15.9 0.0 30.2

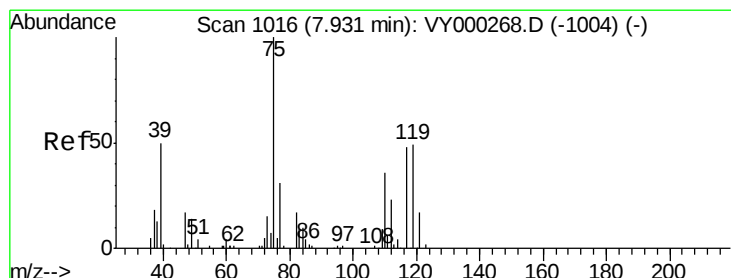
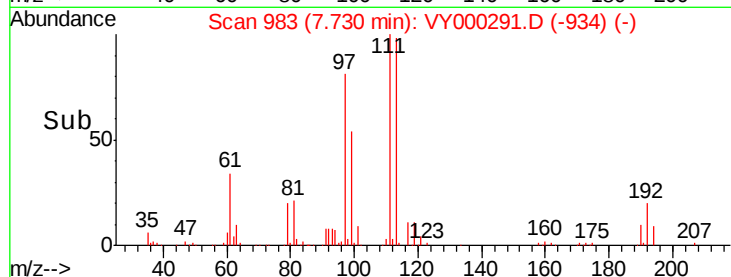
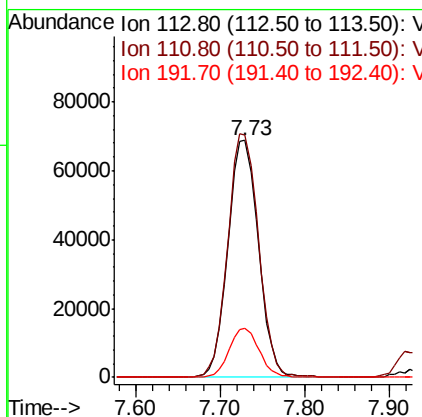
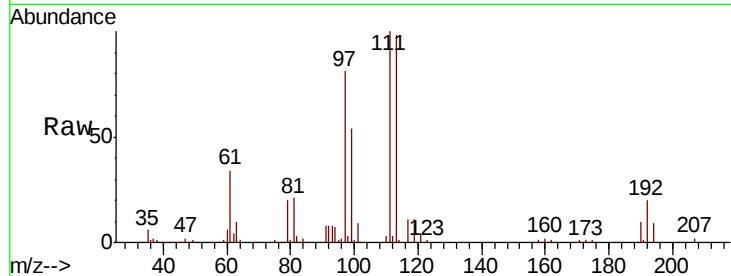




#35
Dibromofluoromethane
Concen: 53.800 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

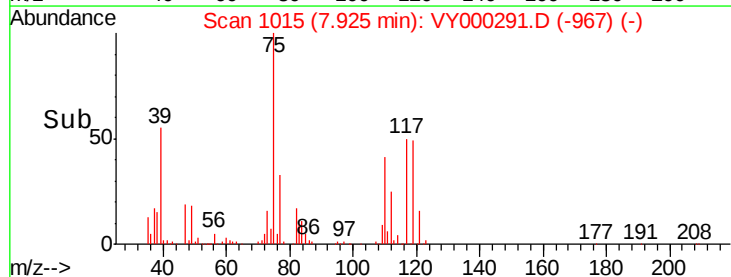
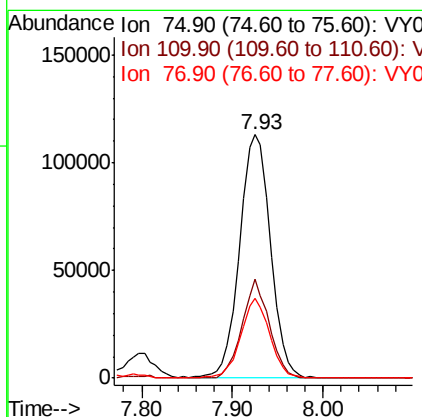
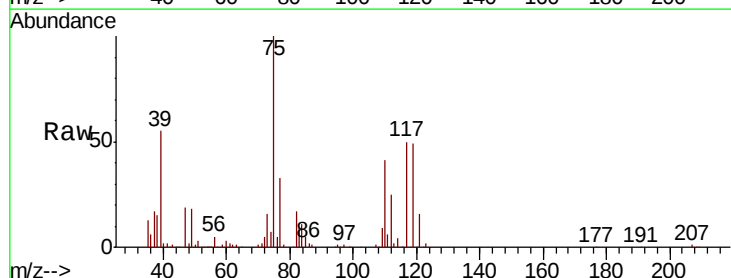
Instrument :
MSVOA_Y
ClientSampleId :

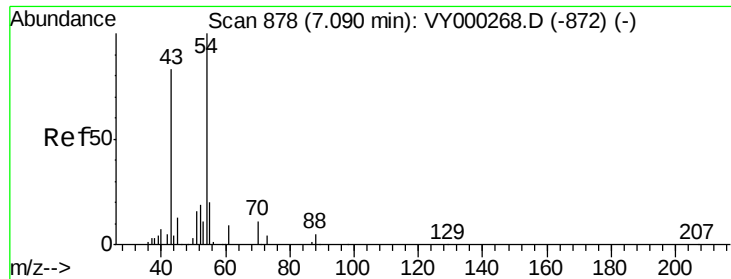
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	20.3	15.3	22.9



#36
1,1-Dichloropropene
Concen: 51.935 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.4	55.4
77	31.1	25.0	37.6

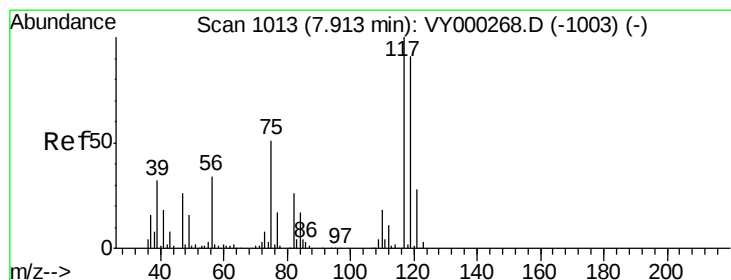
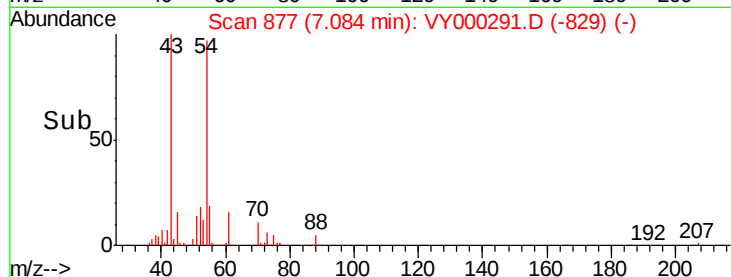
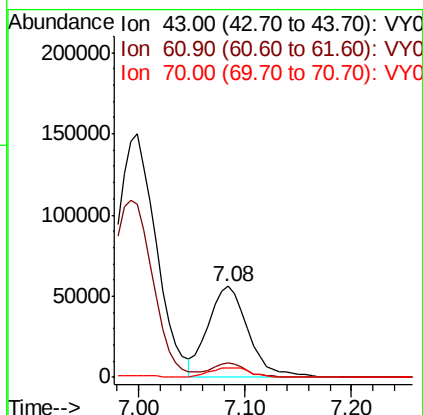
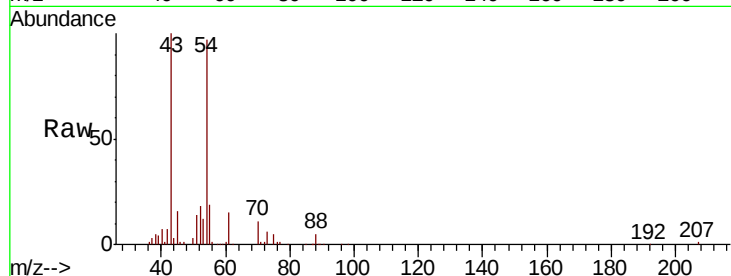




#37
Ethyl Acetate
Concen: 48.454 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

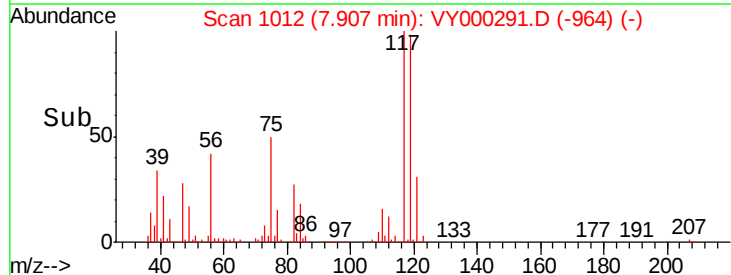
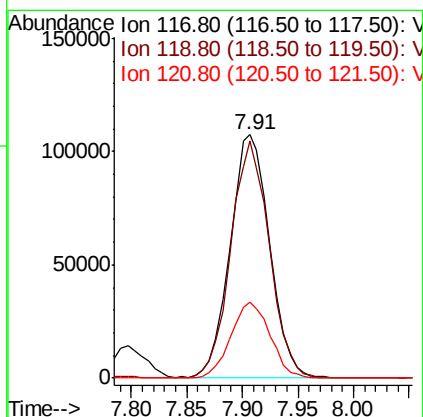
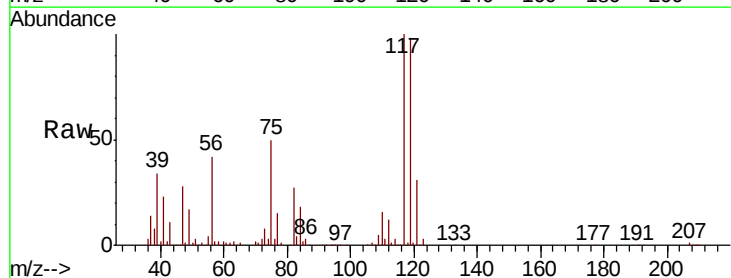
Instrument :
MSVOA_Y
ClientSampleId :

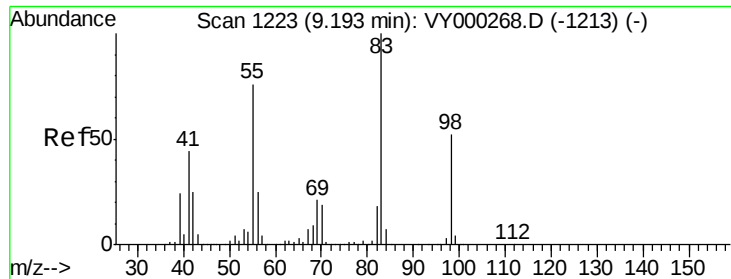
Tot Ion: 43 Resp: 146118
Ion Ratio Lower Upper
43 100
61 13.9 12.1 18.1
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 53.605 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 117 Resp: 264333
Ion Ratio Lower Upper
117 100
119 97.4 72.8 109.2
121 31.3 22.2 33.2

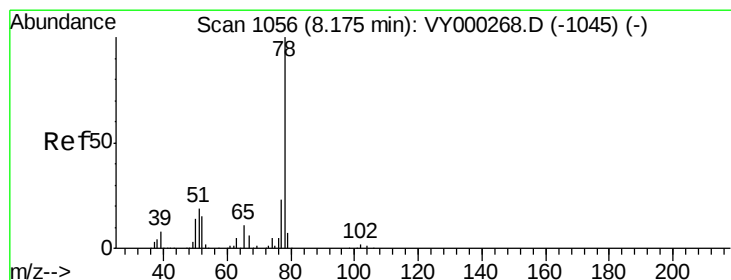
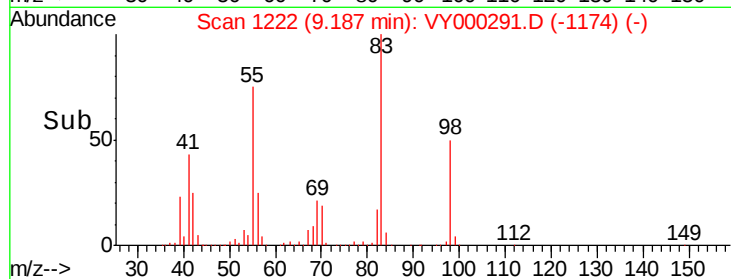
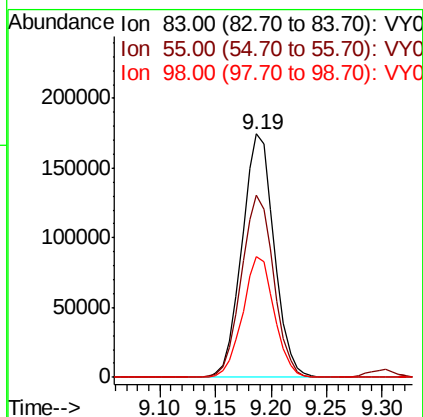
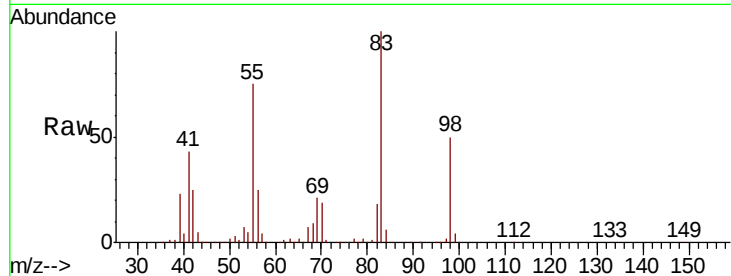




#39
Methvlcvclohexane
Concen: 52.516 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

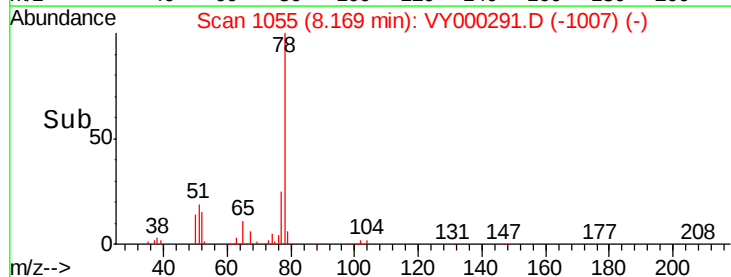
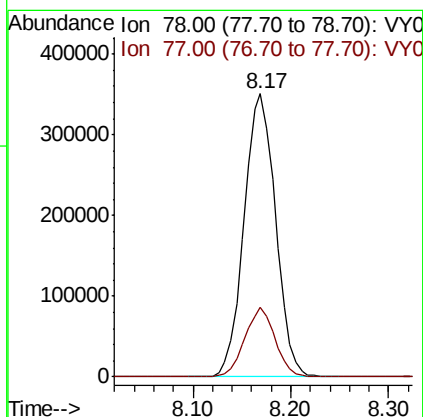
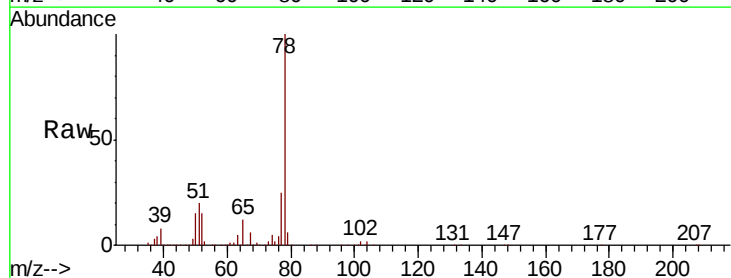
Instrument :
MSVOA_Y
ClientSampleId :

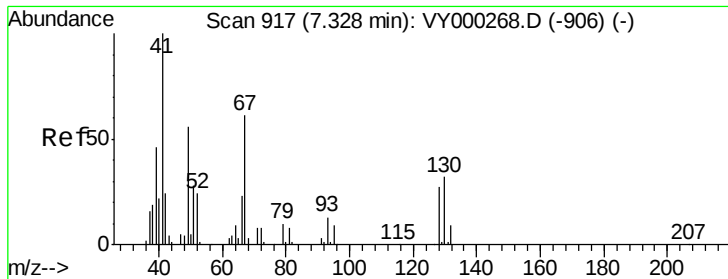
Tot Ion	83.00	Resp	350052
Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.9	91.3
98	49.6	41.8	62.6



#40
Benzene
Concen: 53.387 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion	78.00	Resp	785736
Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2

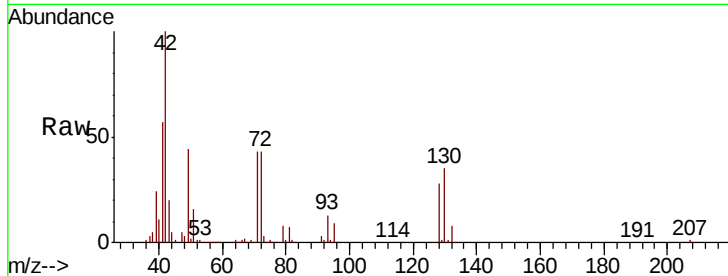




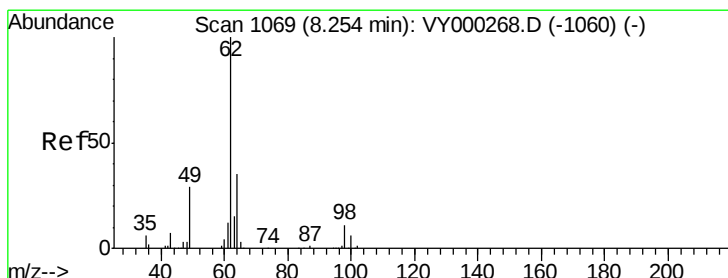
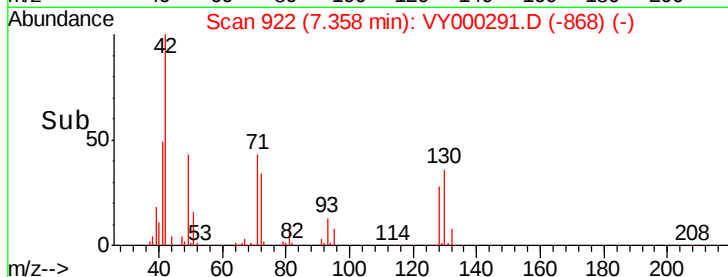
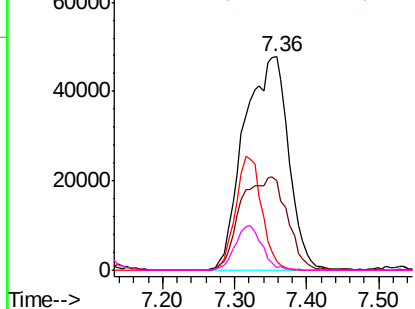
#41
Methacrylonitrile
Concen: 142.760 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 204922
Ion Ratio Lower Upper
41 100
39 45.6 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

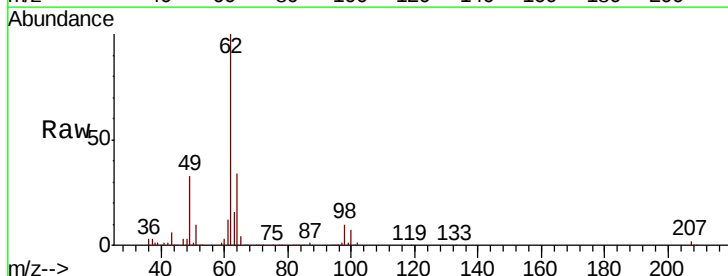


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

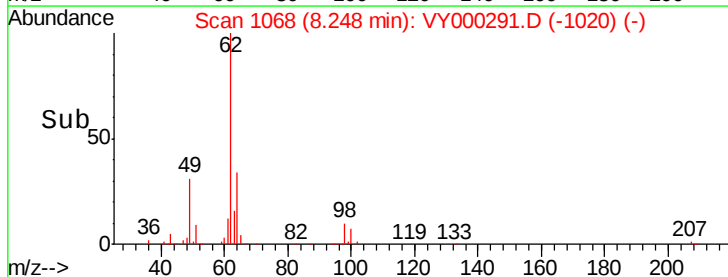
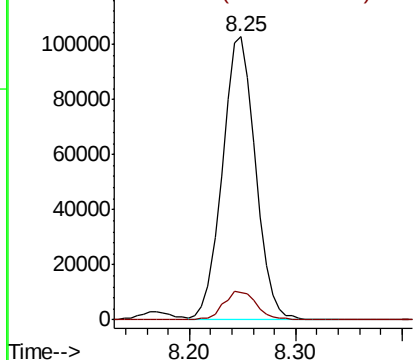


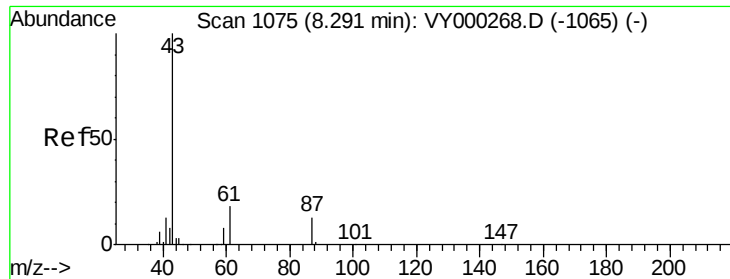
#42
1,2-Dichloroethane
Concen: 53.149 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 62 Resp: 223448
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 51.820 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampleId :

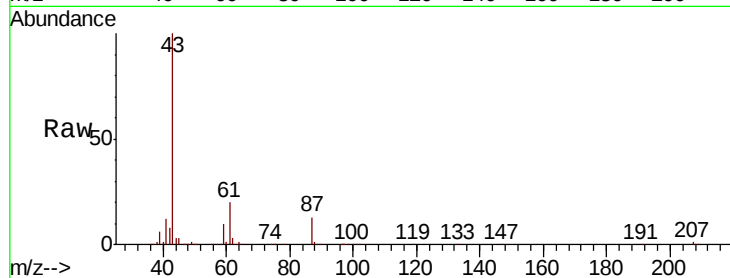
Tot Ion: 43 Resp: 297133

Ion Ratio Lower Upper

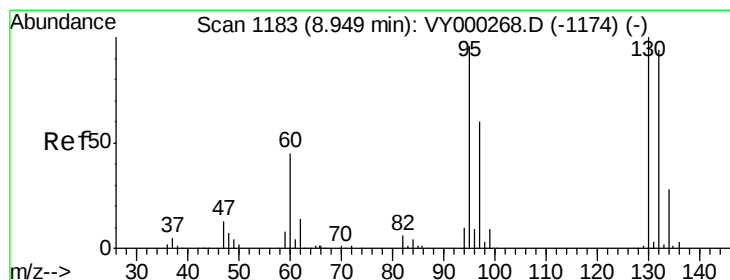
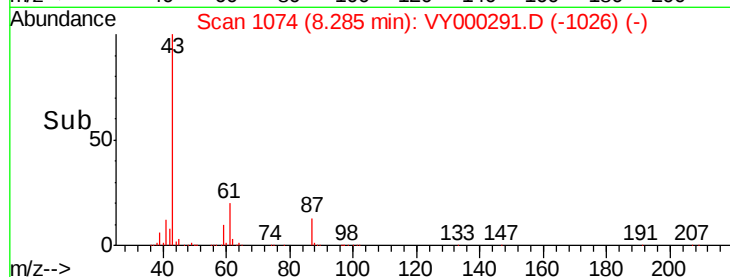
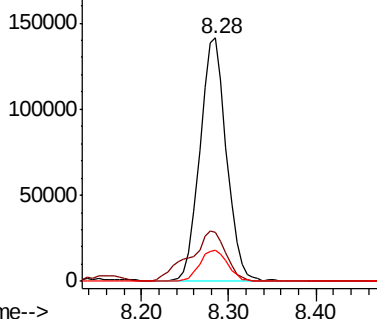
43 100

61 28.5 22.3 33.5

87 13.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 52.460 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000291.D

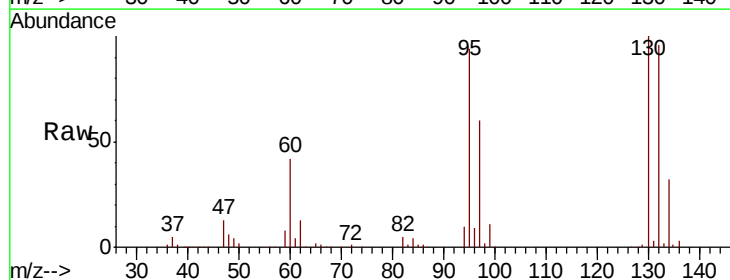
Acq: 14 Oct 2019 11:10

Tgt Ion:130 Resp: 216638

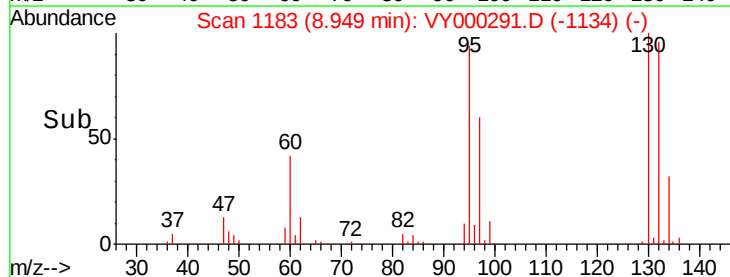
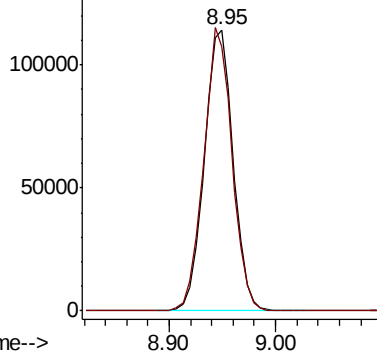
Ion Ratio Lower Upper

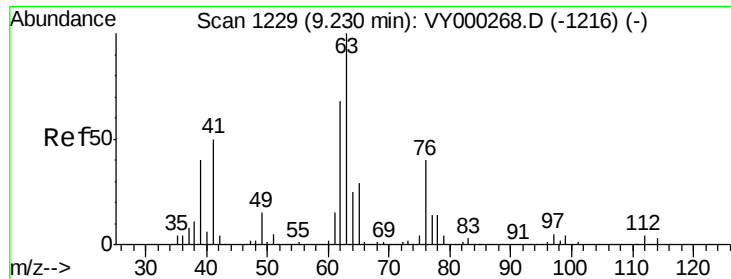
130 100

95 94.2 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

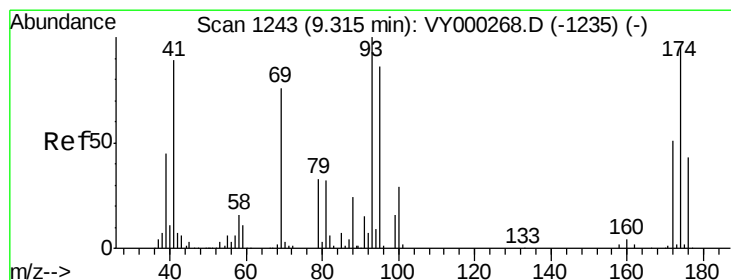
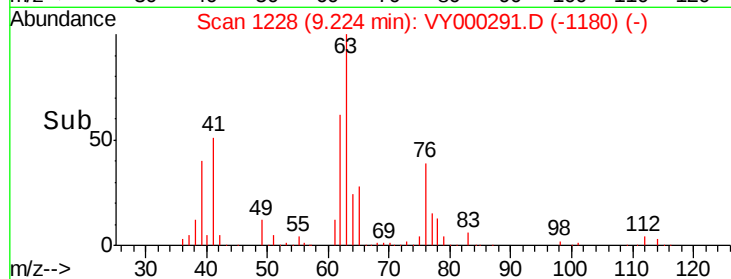
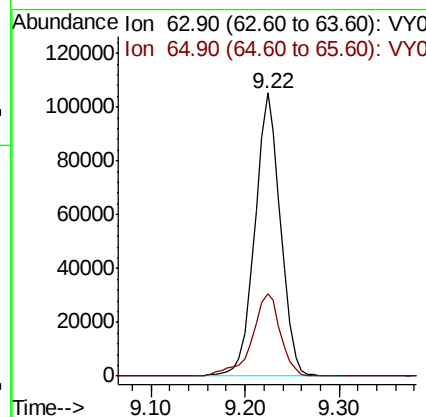
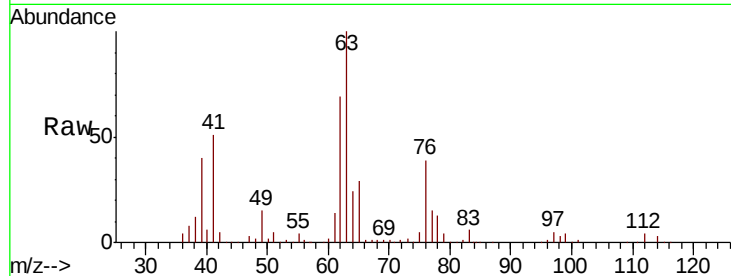




#45
 1,2-Dichloropropane
 Concen: 55.438 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

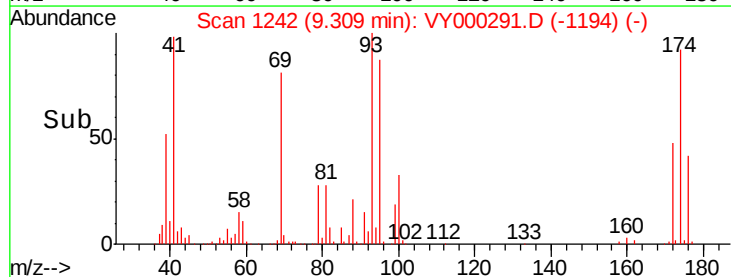
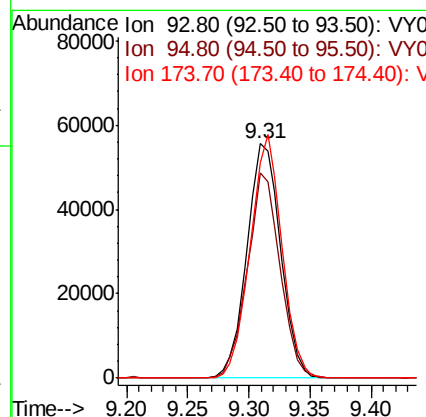
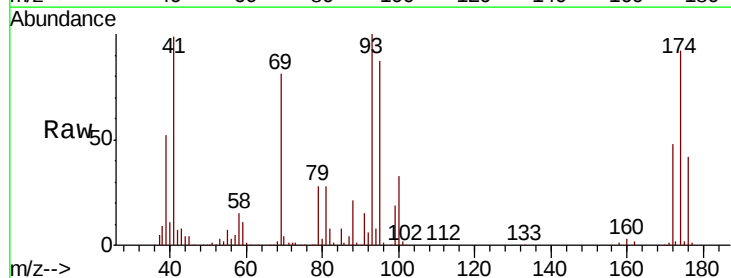
Instrument :
 MSVOA_Y
 ClientSampled :

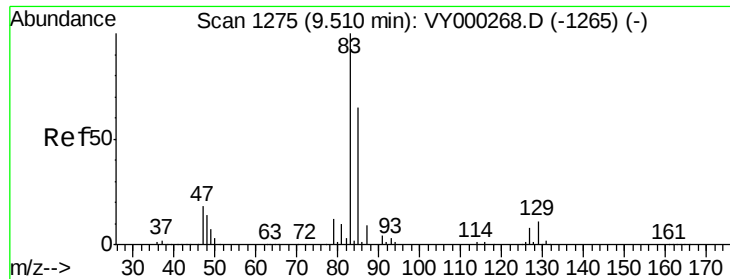
Tot Ion: 63 Resp: 200233
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.2 34.8



#46
 Dibromomethane
 Concen: 52.967 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Tgt Ion: 93 Resp: 106944
 Ion Ratio Lower Upper
 93 100
 95 84.5 68.2 102.2
 174 97.7 79.8 119.6

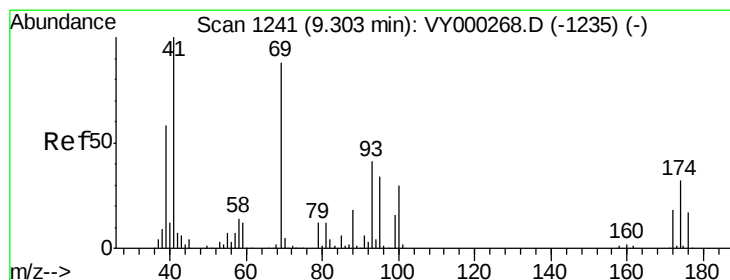
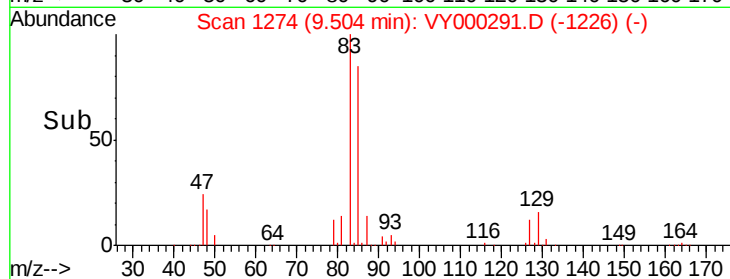
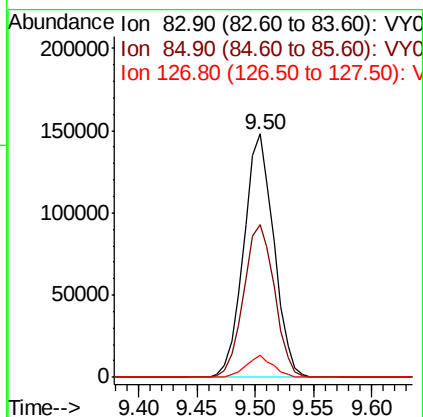
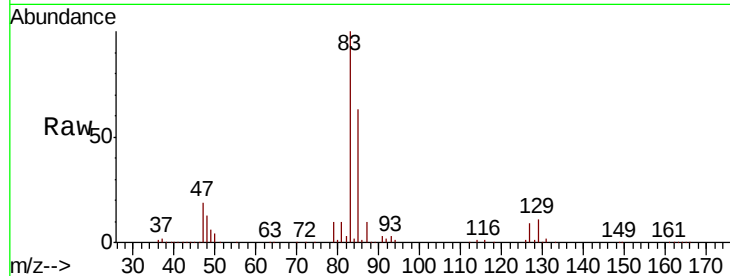




#47
Bromodichloromethane
Concen: 56.145 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

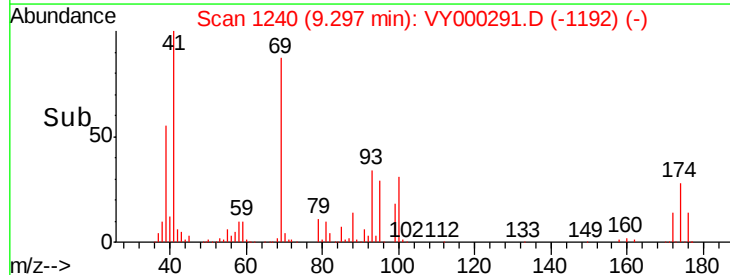
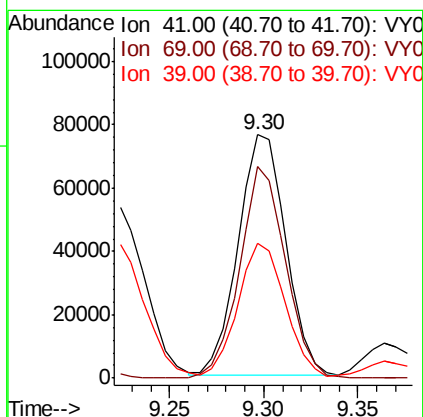
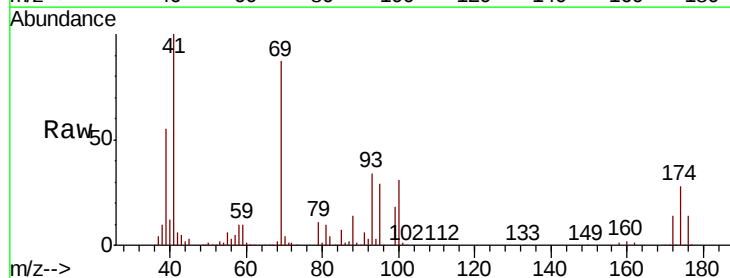
Instrument :
MSVOA_Y
ClientSampleId :

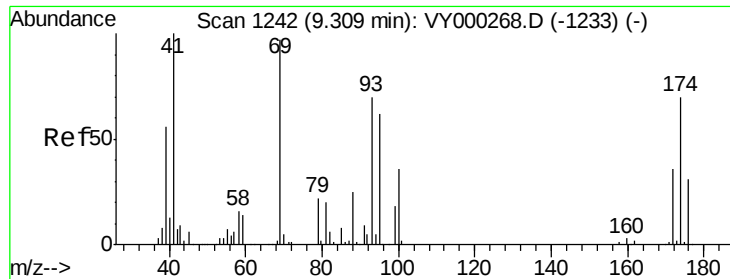
Tot Ion	83	Resp	267159
Ion Ratio	100		
Lower	52.2		
Upper	78.2		
85	62.5		
127	9.1		
	6.3		
	9.5		



#48
Methyl methacrylate
Concen: 52.912 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion	41	Resp	132963
Ion Ratio	100		
Lower	70.0		
Upper	105.0		
69	85.1		
39	56.4		
	47.7		
	71.5		

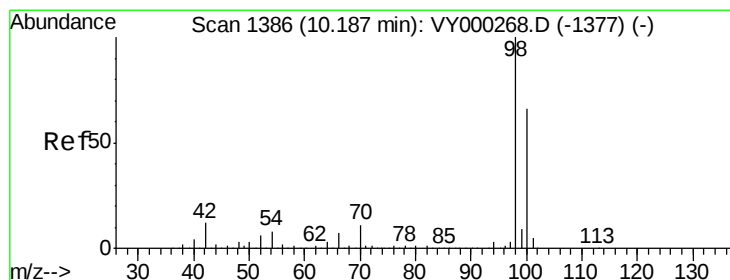
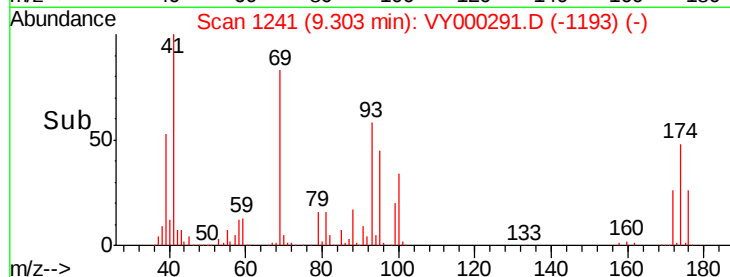
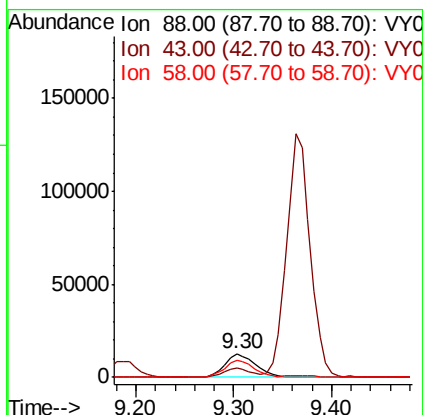
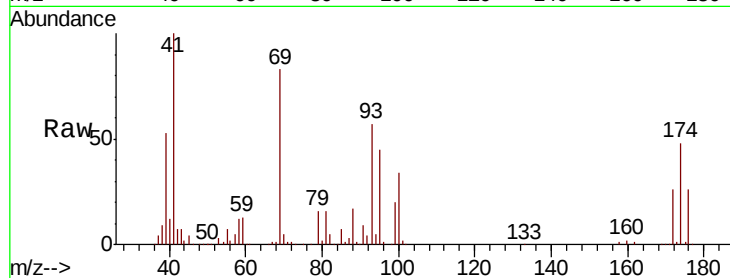




#49
1,4-Dioxane
Concen: 936.066 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

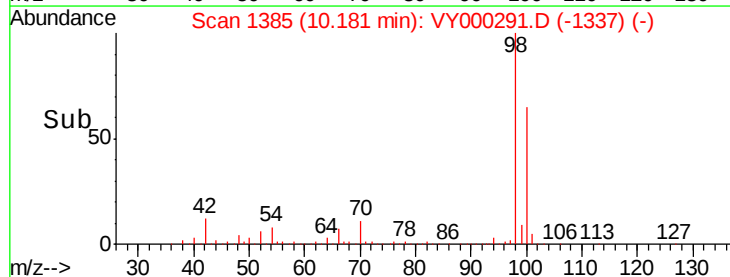
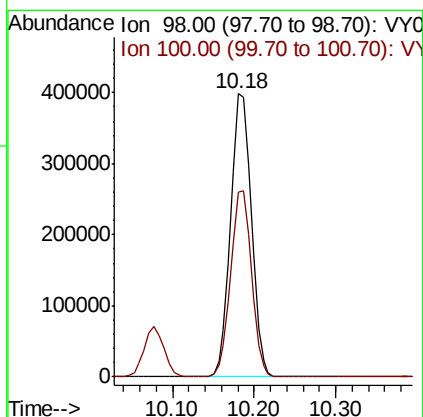
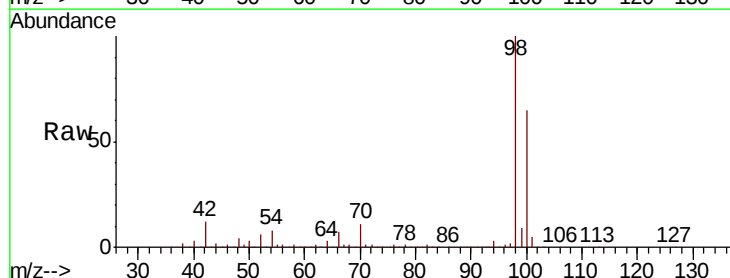
Instrument :
MSVOA_Y
ClientSampleId :

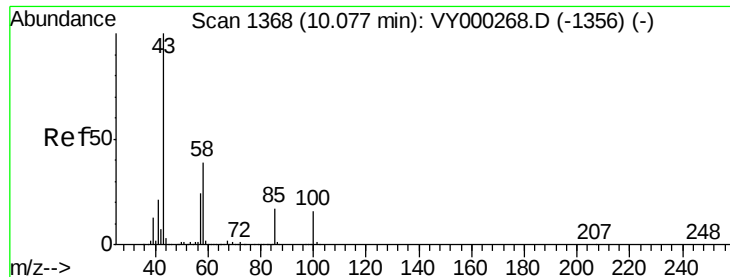
Tot Ion: 88 Resp: 28338
Ion Ratio Lower Upper
88 100
43 33.1 25.6 38.4
58 68.3 54.6 81.8



#50
Toluene-d8
Concen: 57.657 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 98 Resp: 695929
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2

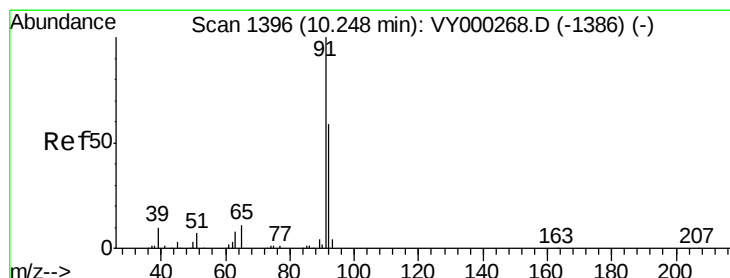
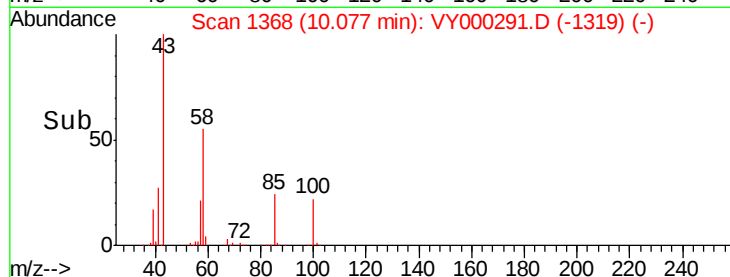
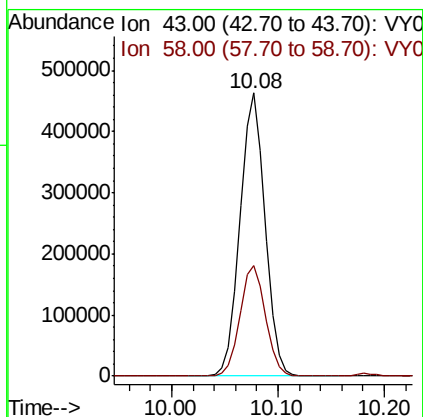
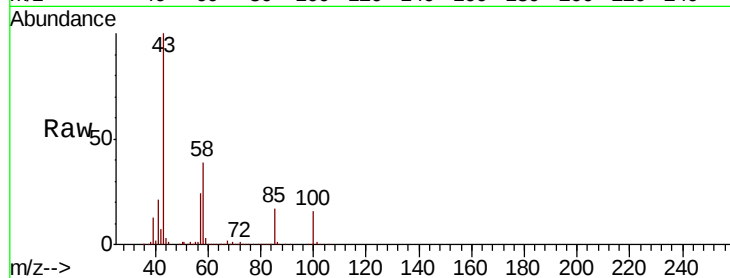




#51
4-Methyl-2-Pentanone
Concen: 258.507 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

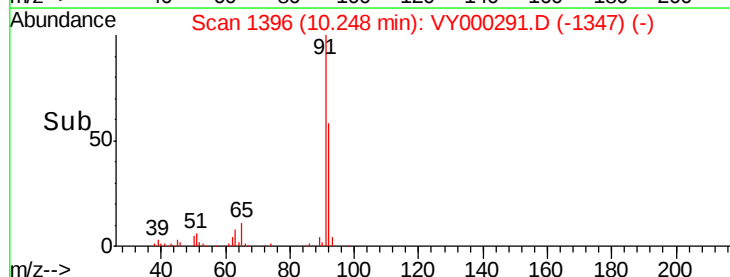
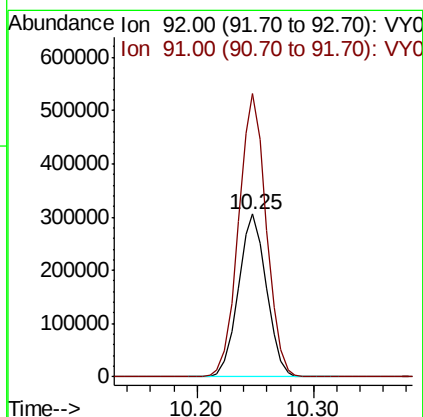
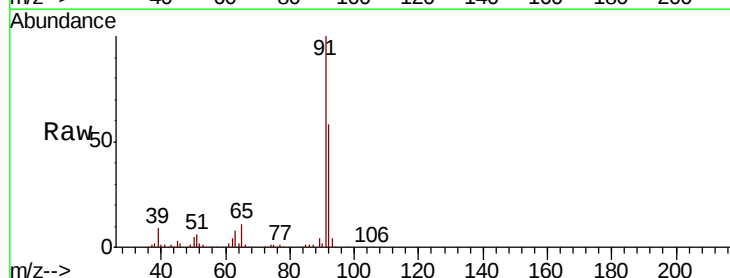
Instrument :
MSVOA_Y
ClientSampled :

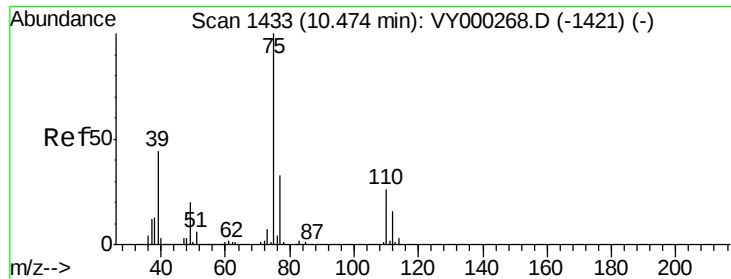
Tot Ion: 43 Resp: 764508
Ion Ratio Lower Upper
43 100
58 39.7 31.0 46.6



#52
Toluene
Concen: 54.821 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 92 Resp: 512264
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0

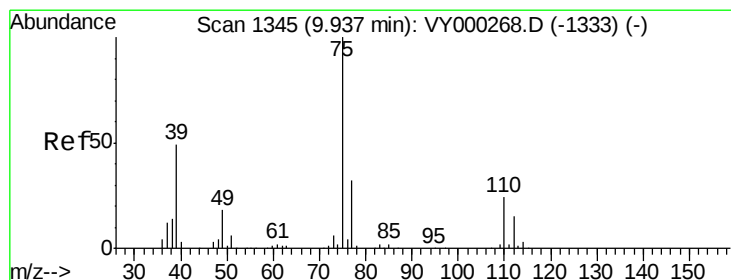
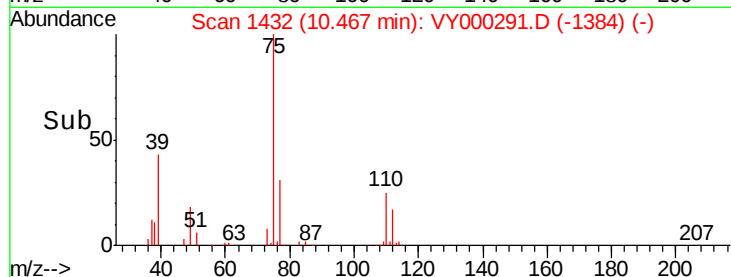
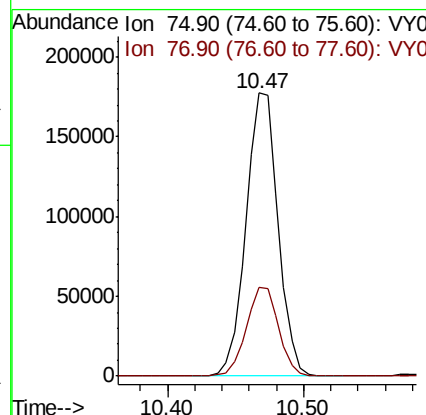
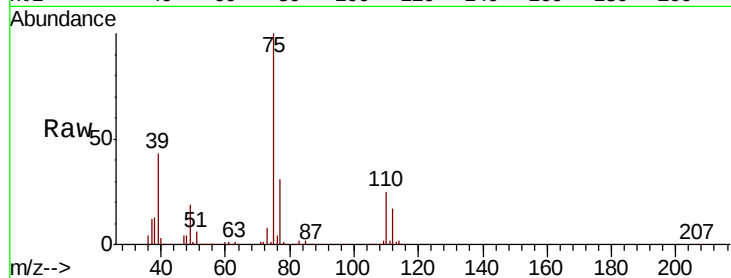




#53
t-1,3-Dichloropropene
Concen: 57.270 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

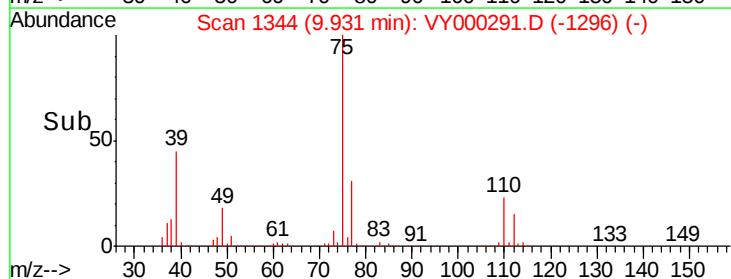
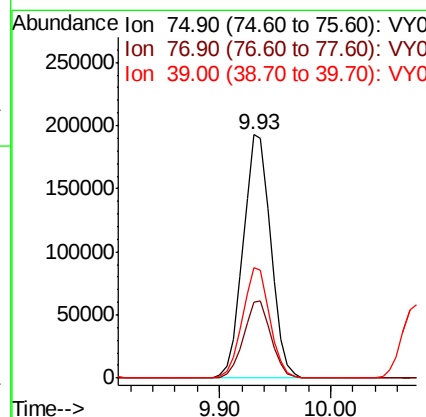
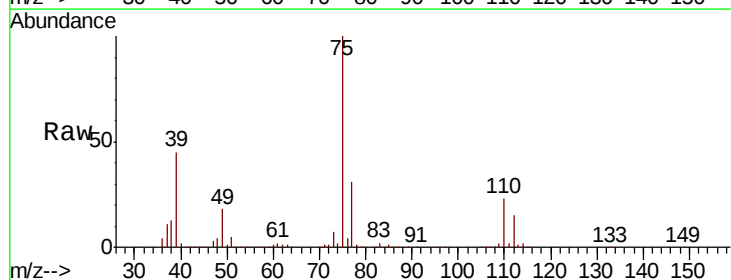
Instrument :
MSVOA_Y
ClientSampleId :

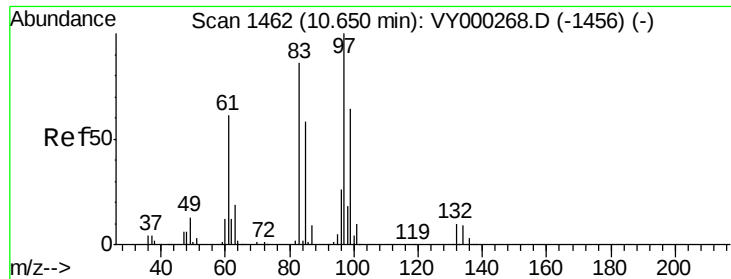
Tot Ion: 75 Resp: 292050
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 57.177 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 75 Resp: 331124
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
39 45.3 38.8 58.2

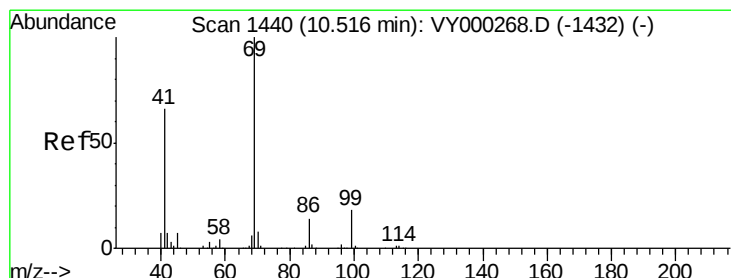
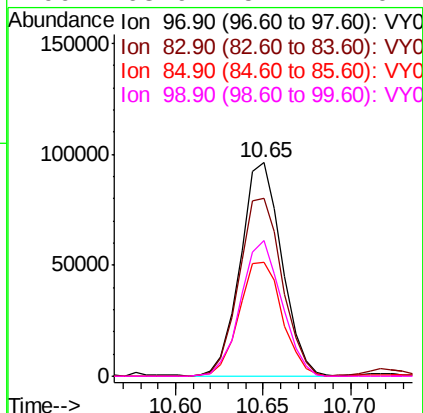
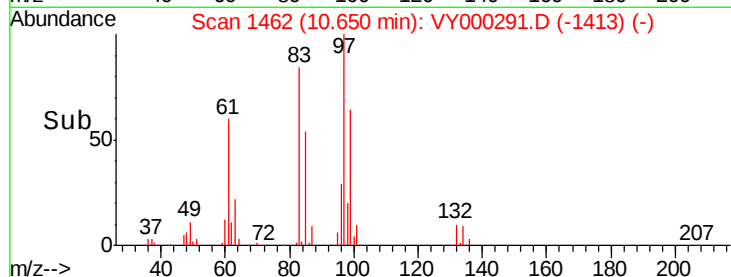
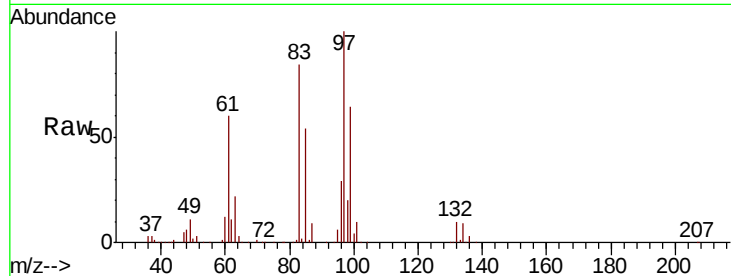




#55
 1,1,2-Trichloroethane
 Concen: 53.773 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

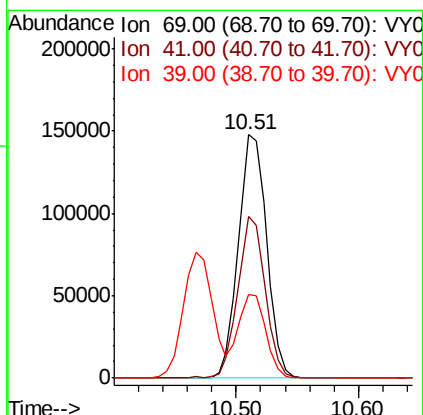
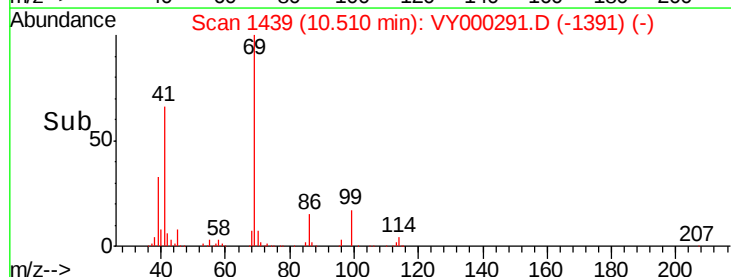
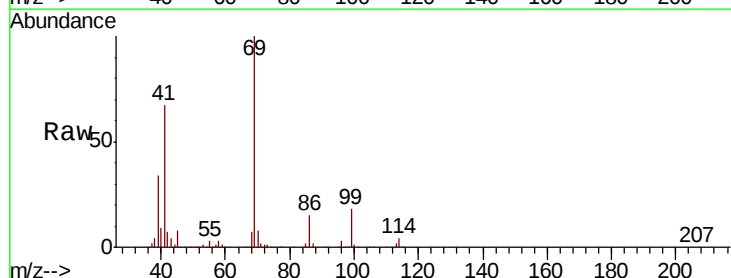
Instrument :
 MSVOA_Y
 ClientSampleId :

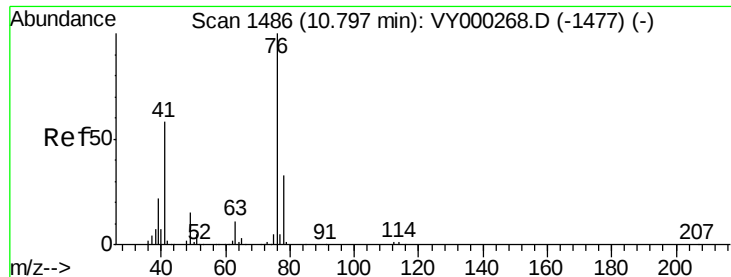
Tot Ion:	97	Resp:	157860
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.0	103.6
85	53.5	46.2	69.4
99	63.9	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 56.556 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Tgt Ion:	69	Resp:	236650
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.5	78.7
39	33.5	26.7	40.1





#57

1,3-Dichloropropane

Concen: 54.738 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

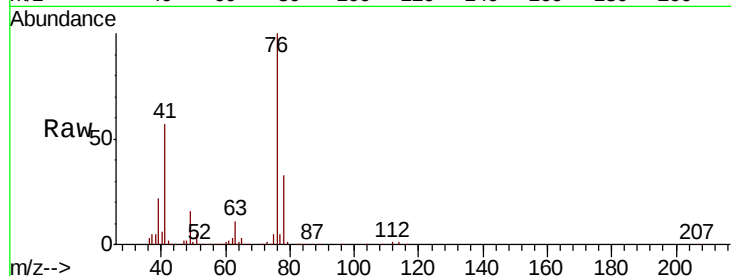
ClientSampled :

Tot Ion: 76 Resp: 275972

Ion Ratio Lower Upper

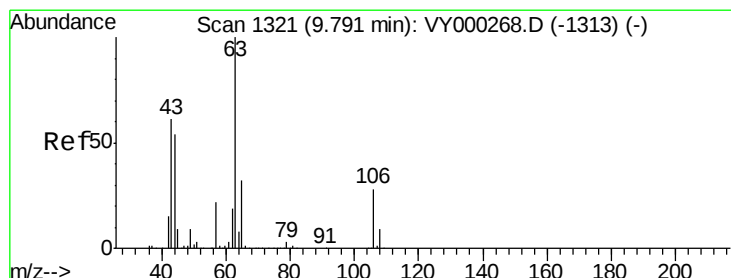
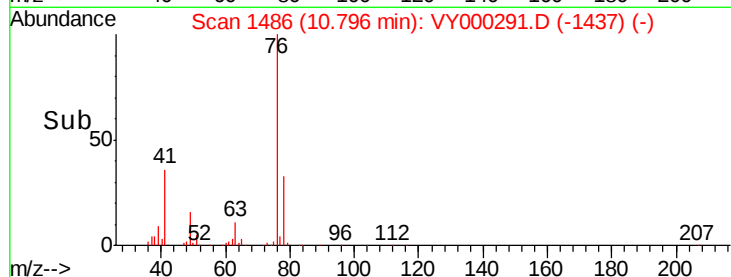
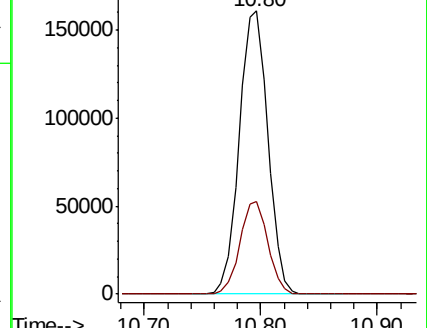
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 323.551 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000291.D

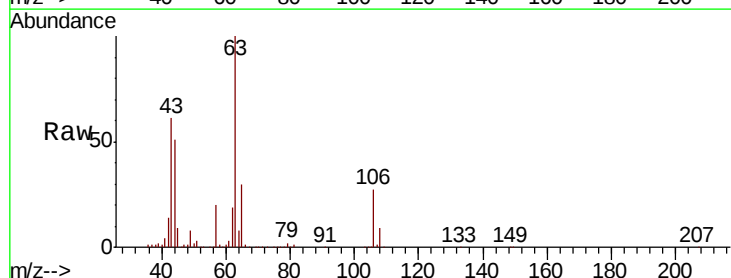
Acq: 14 Oct 2019 11:10

Tgt Ion: 63 Resp: 540012

Ion Ratio Lower Upper

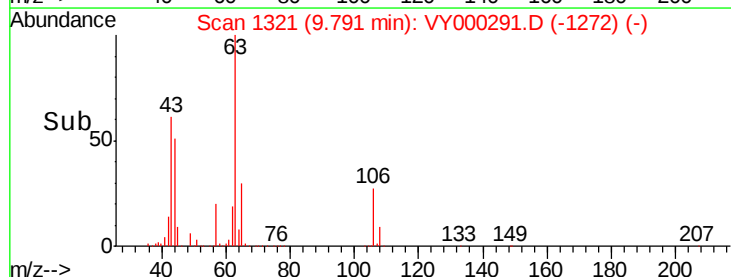
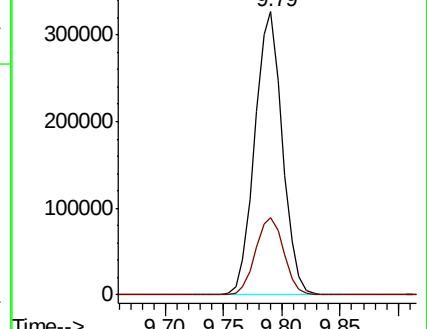
63 100

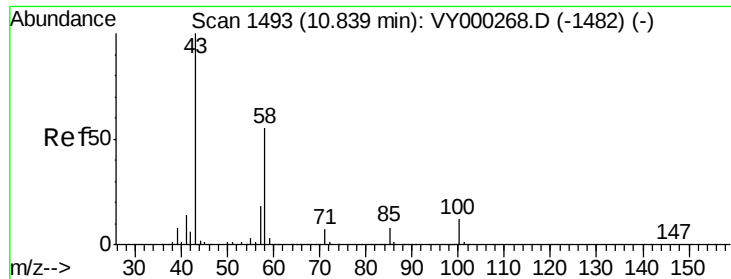
106 28.2 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

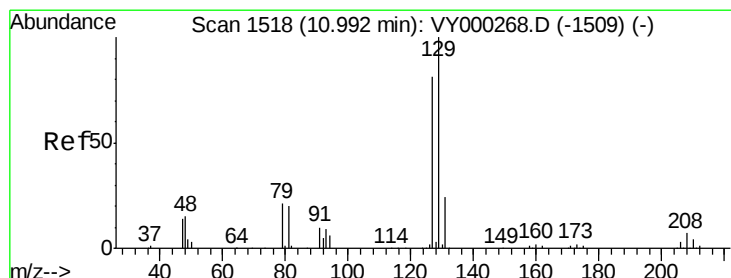
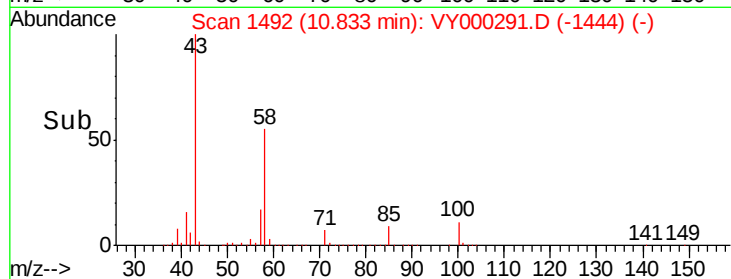
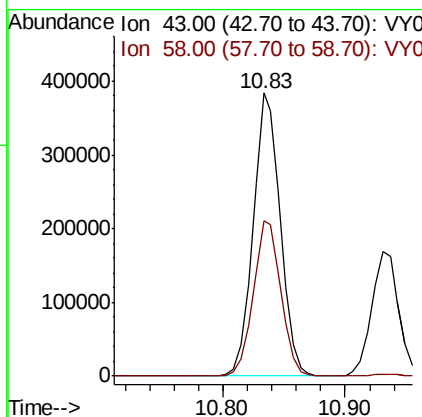
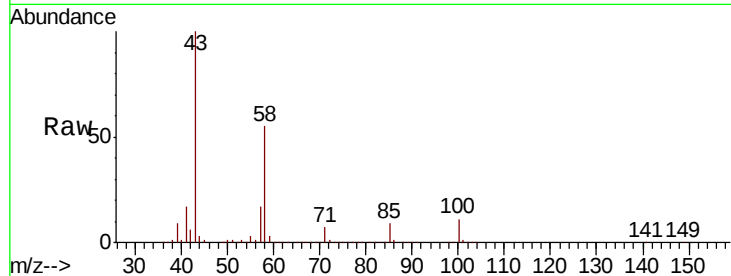




#59
2-Hexanone
Concen: 284.923 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

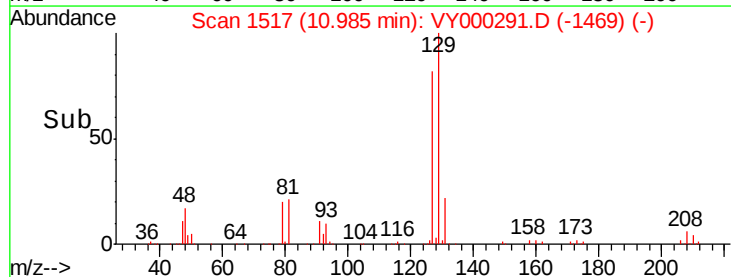
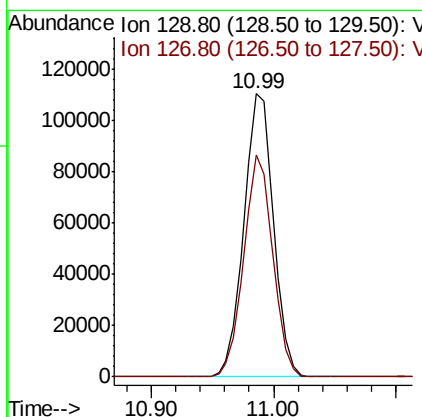
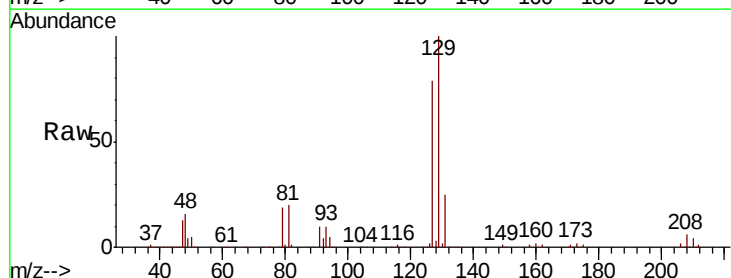
Instrument :
MSVOA_Y
ClientSampled :

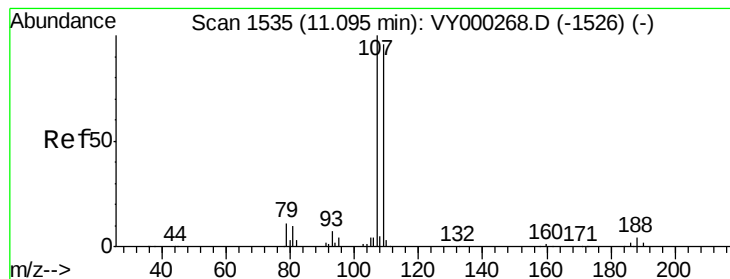
Tot Ion: 43 Resp: 591455
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 57.187 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 129 Resp: 186076
Ion Ratio Lower Upper
129 100
127 76.6 39.9 119.7





#61

1,2-Dibromoethane

Concen: 53.933 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

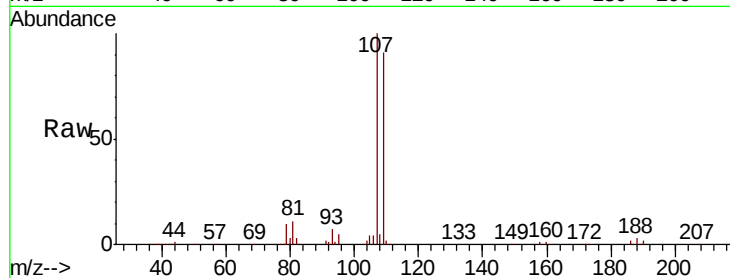
ClientSampleId :

Tot Ion: 107 Resp: 152023

Ion Ratio Lower Upper

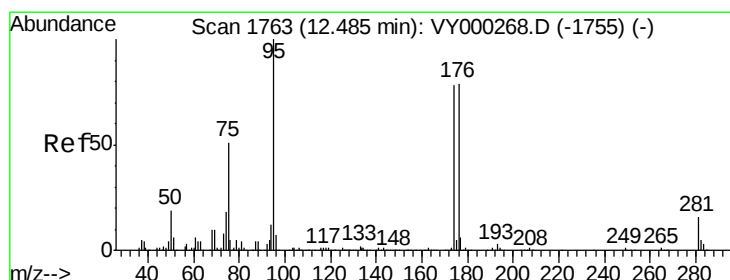
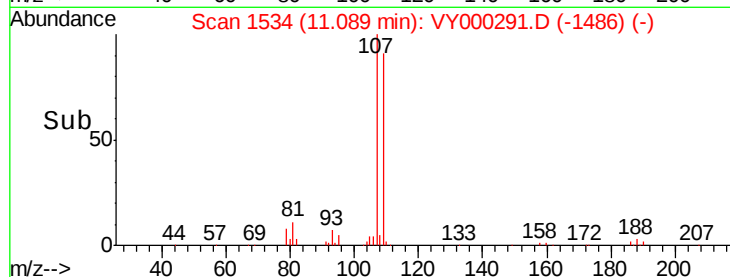
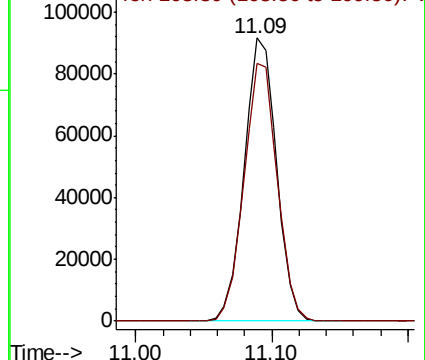
107 100

109 94.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.183 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

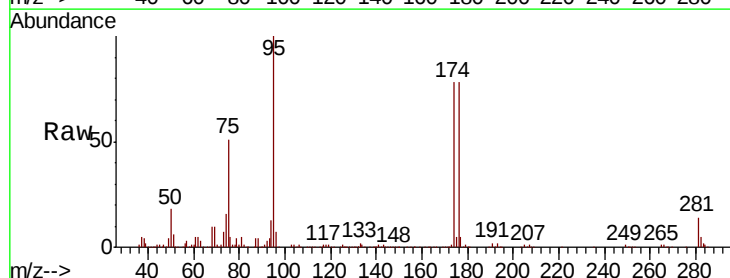
Tgt Ion: 95 Resp: 253047

Ion Ratio Lower Upper

95 100

174 78.2 0.0 159.6

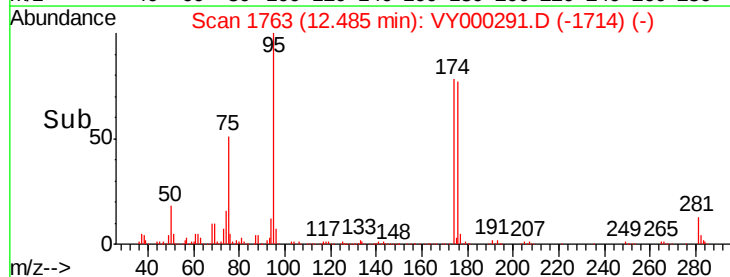
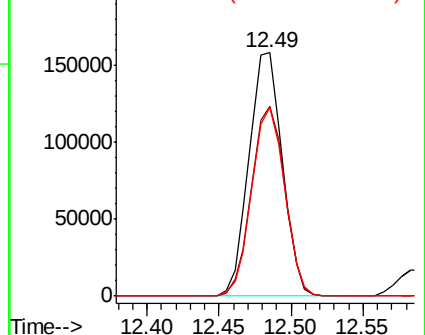
176 76.3 0.0 153.8

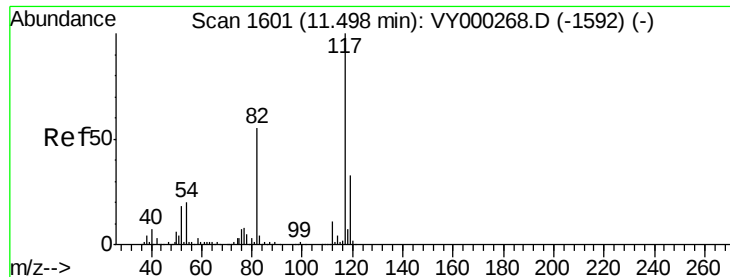


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

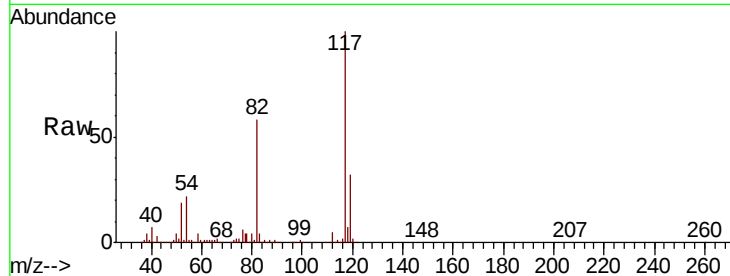




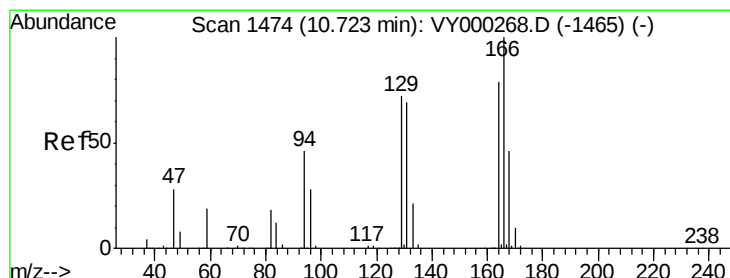
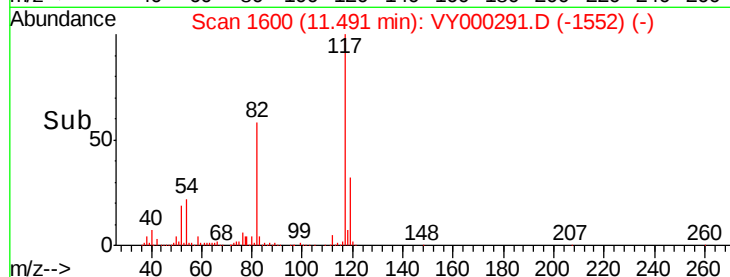
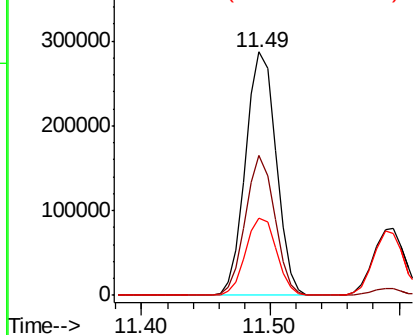
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 469929
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 31.9 26.6 39.8

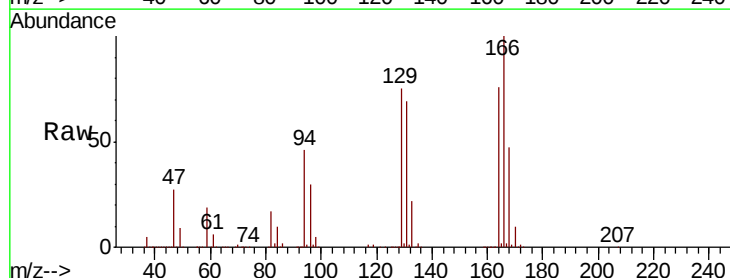


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

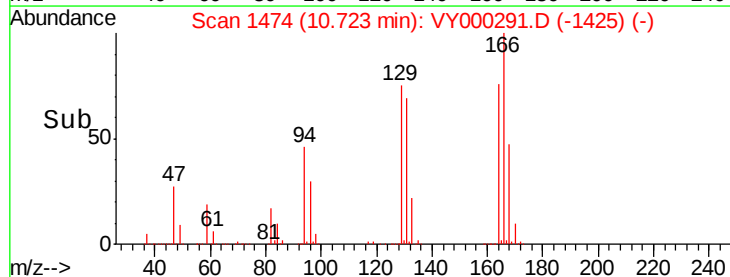
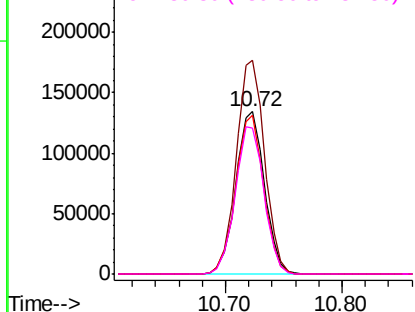


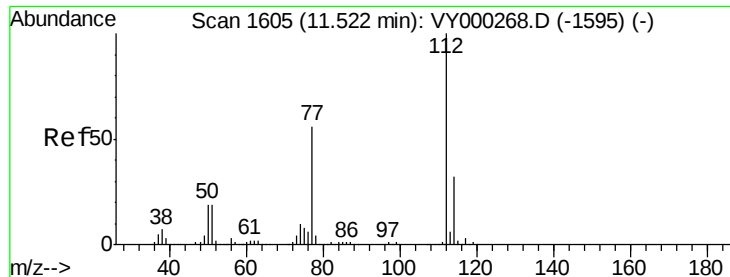
#64
Tetrachloroethene
Concen: 51.317 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion:164 Resp: 229582
Ion Ratio Lower Upper
164 100
166 131.6 100.6 151.0
129 98.1 72.8 109.2
131 90.2 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: 54.127 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

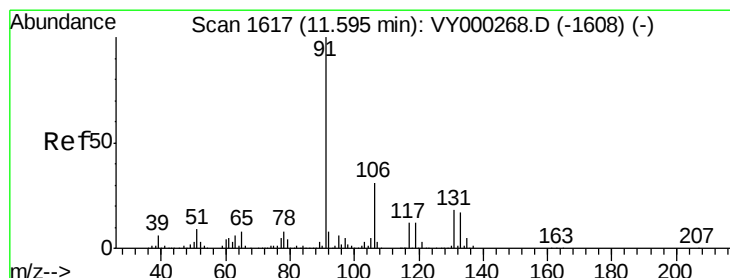
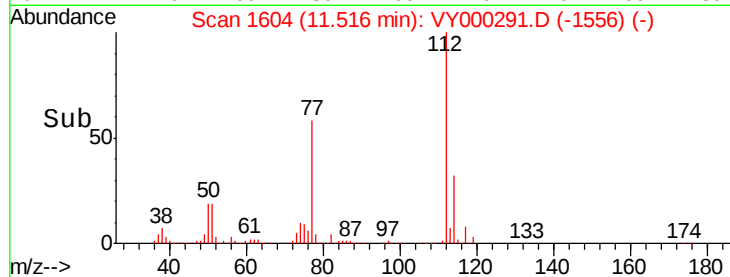
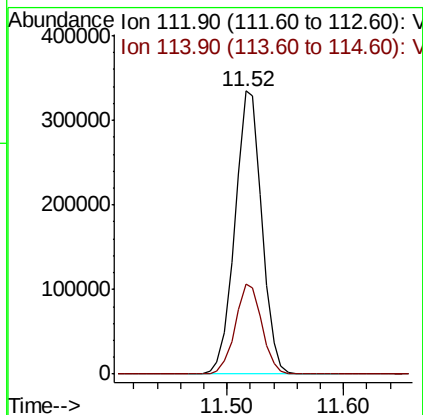
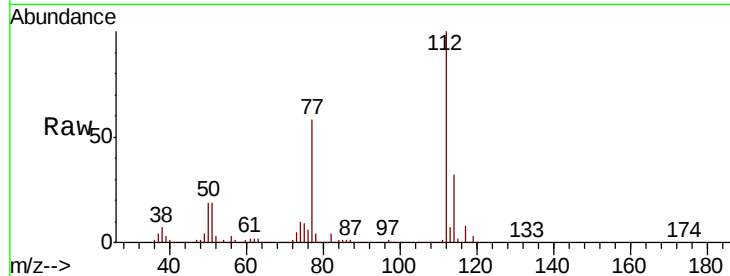
ClientSampleId :

Tot Ion:112 Resp: 536807

Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 55.423 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

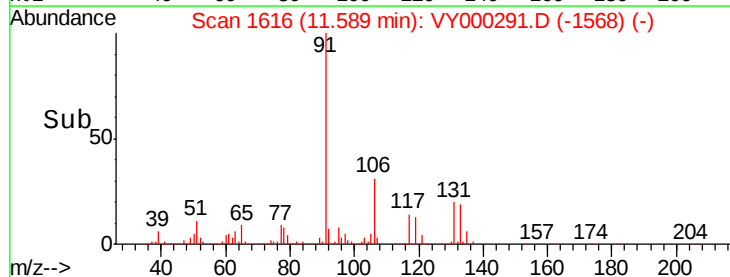
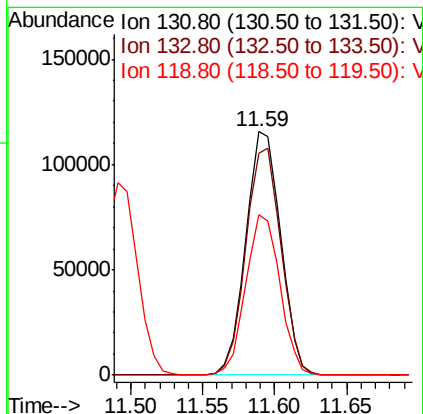
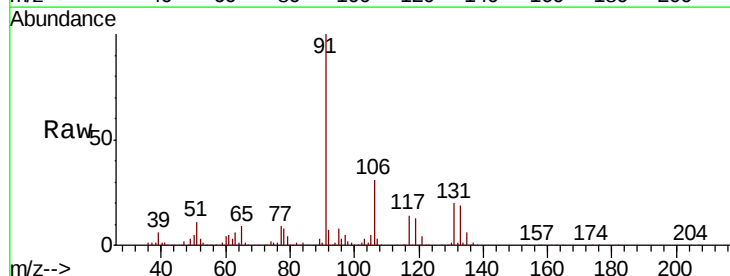
Tgt Ion:131 Resp: 193085

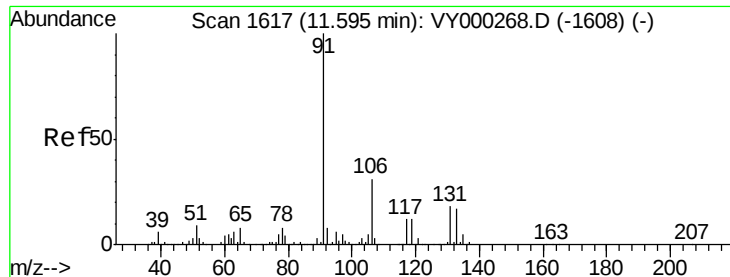
Ion Ratio Lower Upper

131 100

133 94.4 47.2 141.6

119 64.8 32.6 98.0

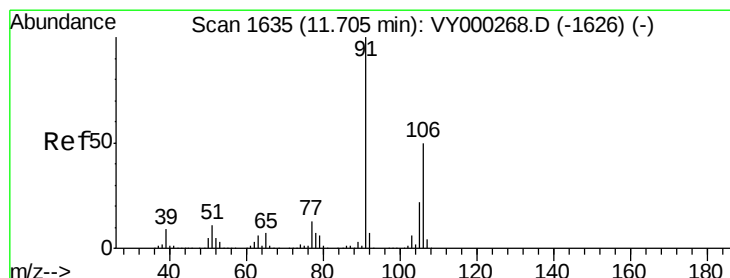
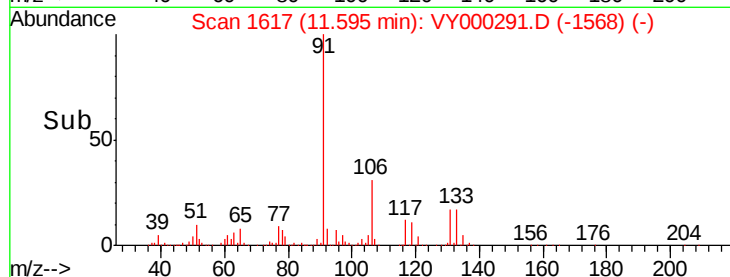
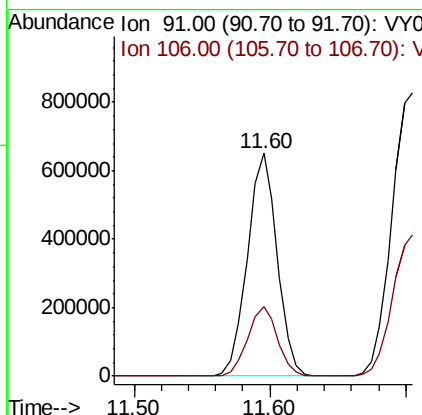
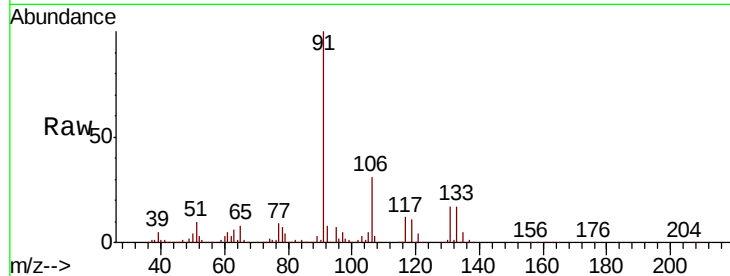




#67
Ethyl Benzene
Concen: 54.091 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

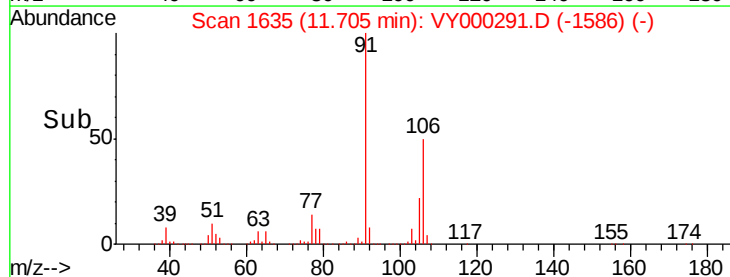
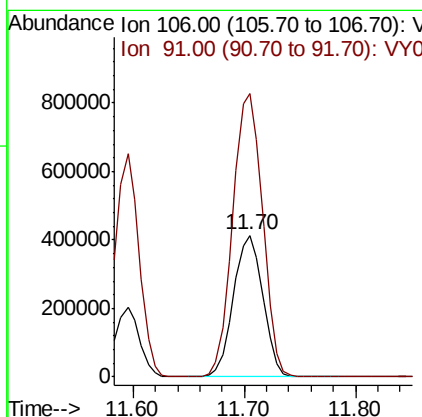
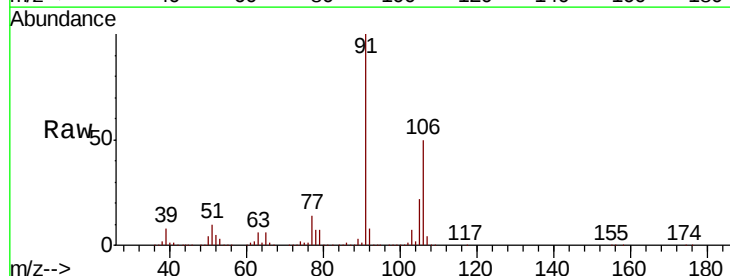
Instrument :
MSVOA_Y
ClientSampled :

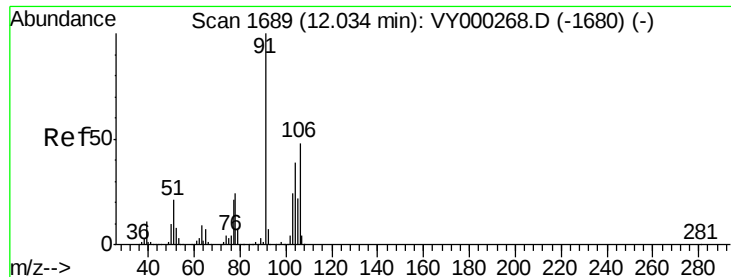
Tot Ion: 91 Resp: 994456
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 107.721 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 106 Resp: 757091
Ion Ratio Lower Upper
106 100
91 202.7 157.5 236.3

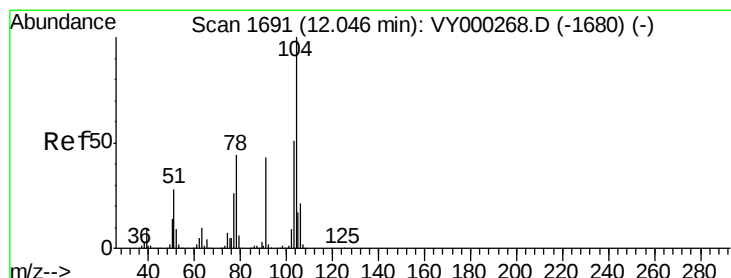
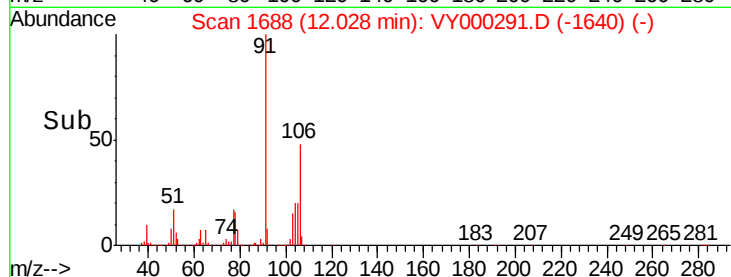
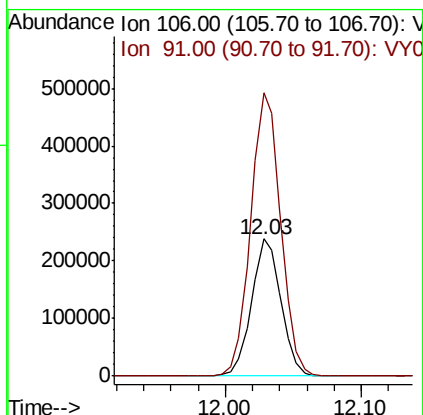
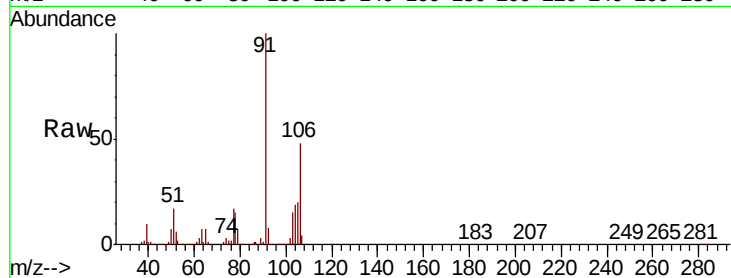




#69
o-Xylene
Concen: 54.016 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

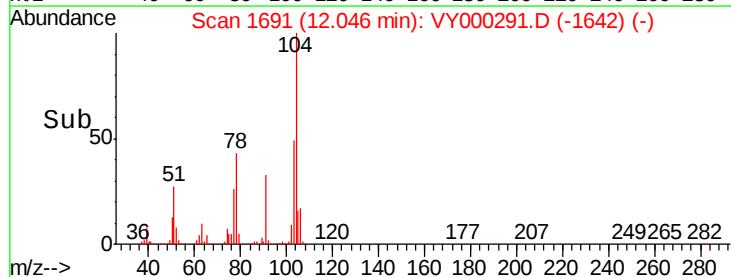
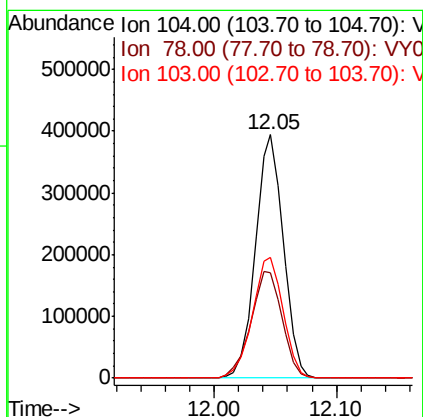
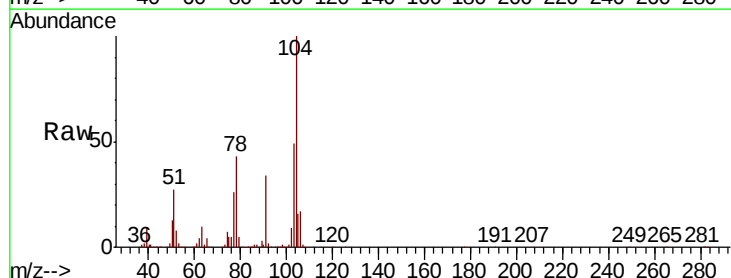
Instrument :
MSVOA_Y
ClientSampled :

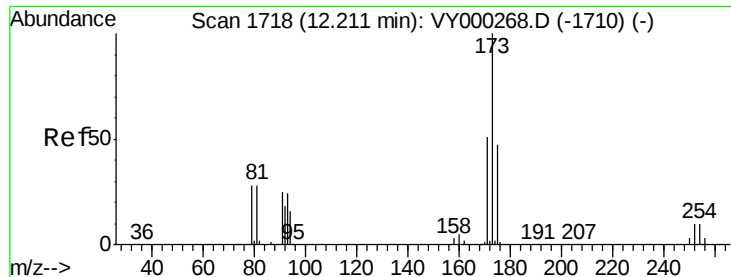
Tot Ion:106 Resp: 362164
Ion Ratio Lower Upper
106 100
91 210.3 104.7 313.9



#70
Styrene
Concen: 55.505 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion:104 Resp: 627627
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.4 43.1 64.7





#71

Bromoform

Concen: 56.775 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampleId :

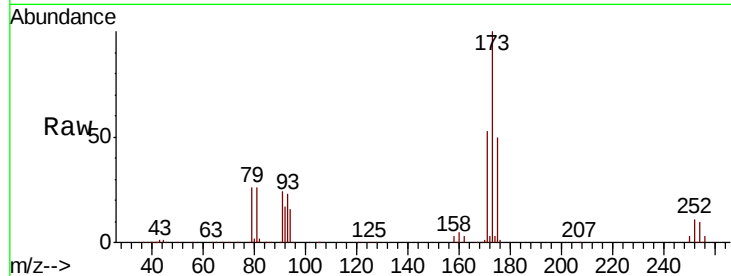
Tot Ion:173 Resp: 113706

Ion Ratio Lower Upper

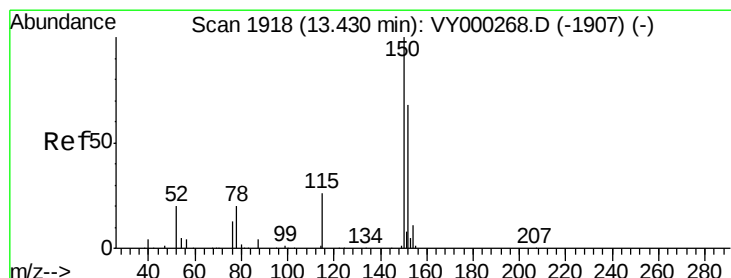
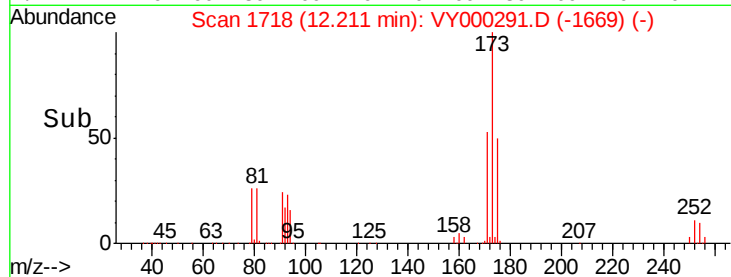
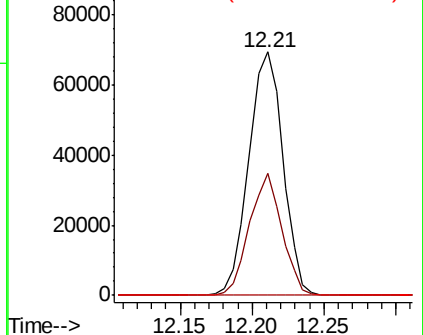
173 100

175 47.2 24.6 73.6

254 0.1 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: VY000291.D

Acq: 14 Oct 2019 11:10

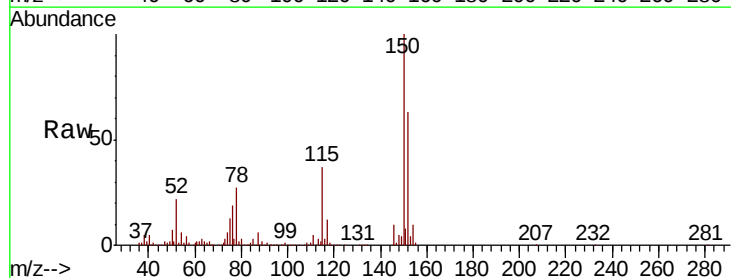
Tgt Ion:152 Resp: 232477

Ion Ratio Lower Upper

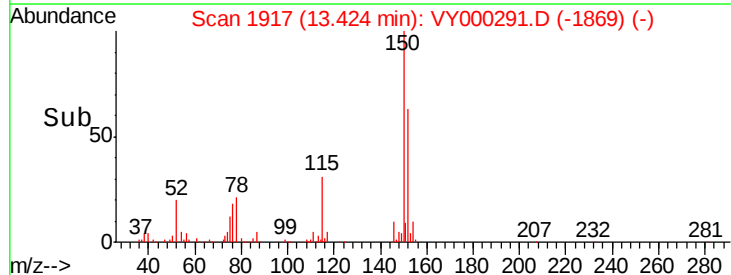
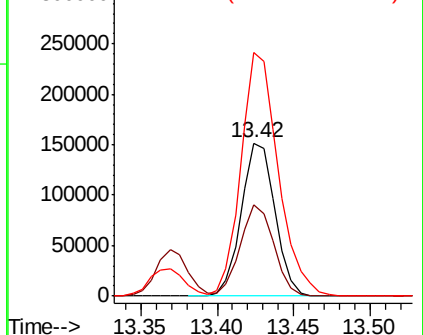
152 100

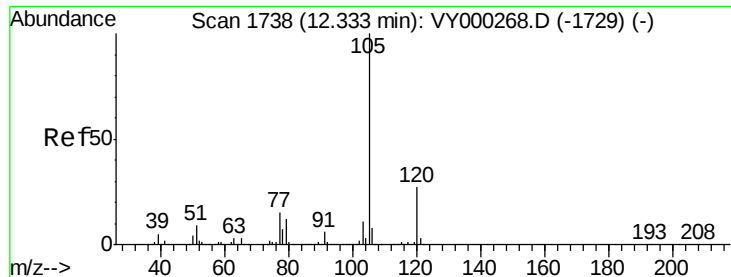
115 59.0 29.3 88.0

150 175.1 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.556 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

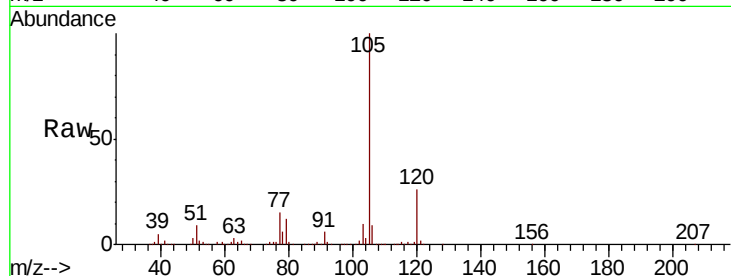
ClientSampleId :

Tot Ion:105 Resp: 988948

Ion Ratio Lower Upper

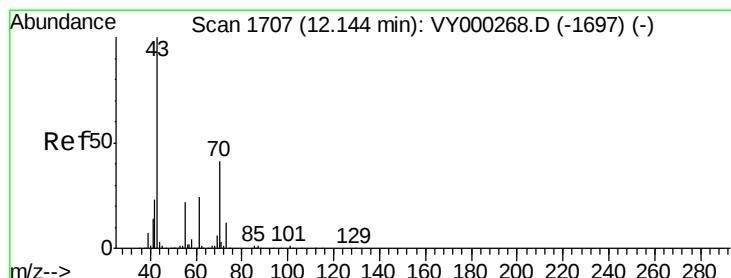
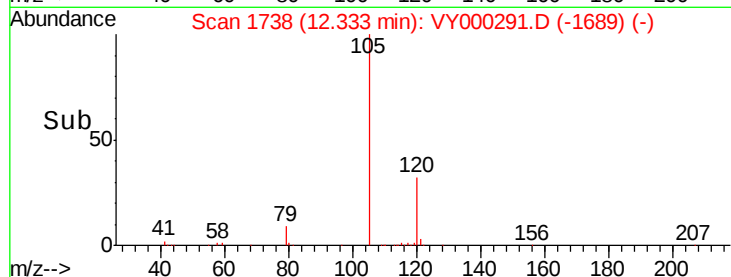
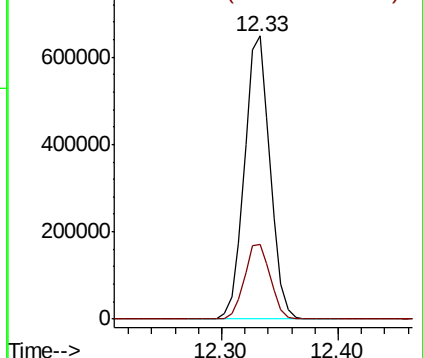
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 61.214 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Tgt Ion: 43 Resp: 272413

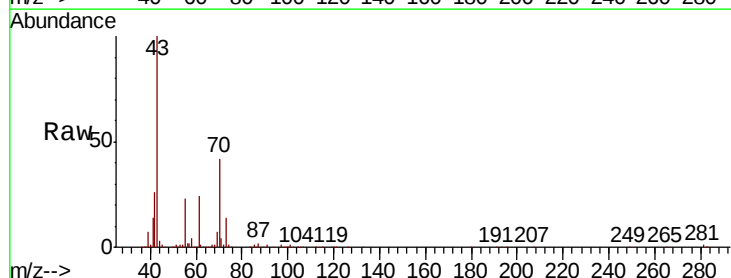
Ion Ratio Lower Upper

43 100

70 42.5 32.9 49.3

55 22.6 17.8 26.6

61 24.7 19.5 29.3

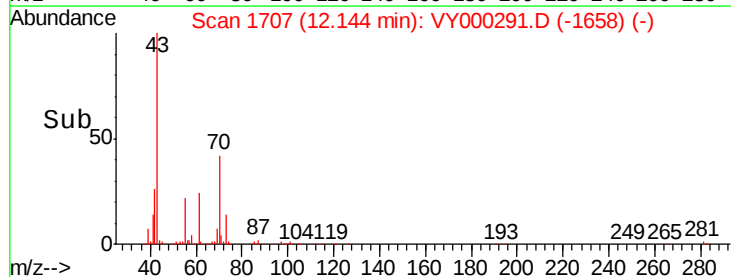
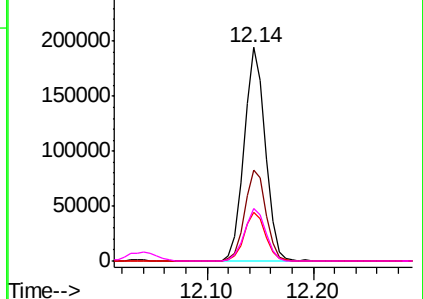


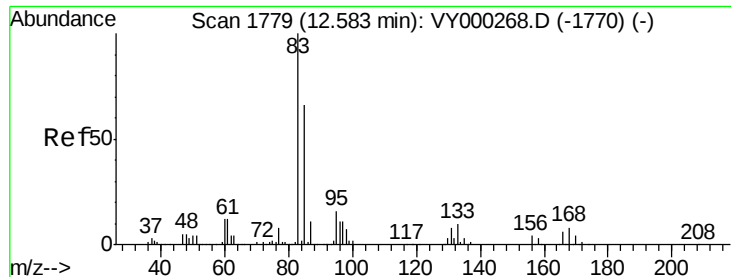
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 52.388 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampled :

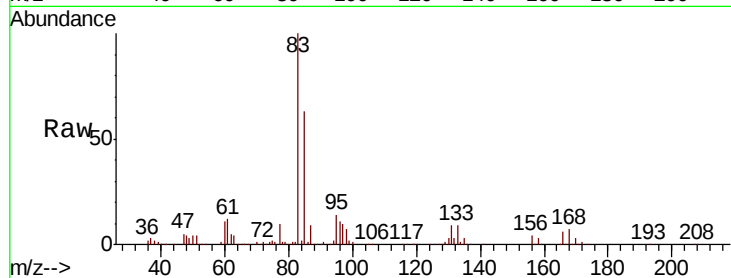
Tot Ion: 83 Resp: 178302

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

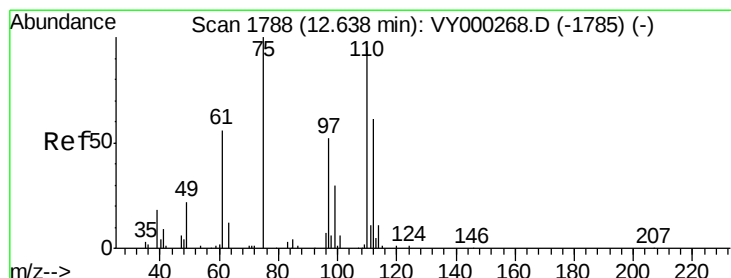
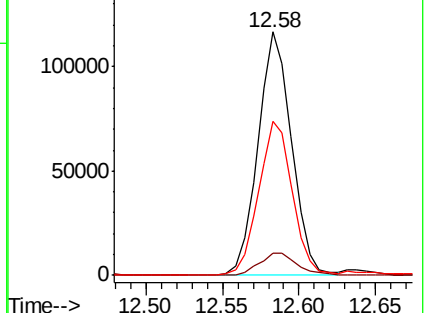
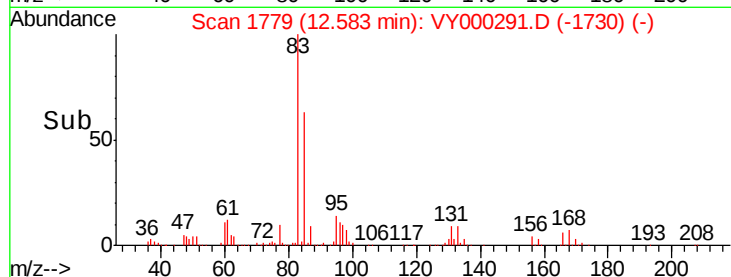
85 63.8 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000291.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000291.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000291.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 91.621 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000291.D

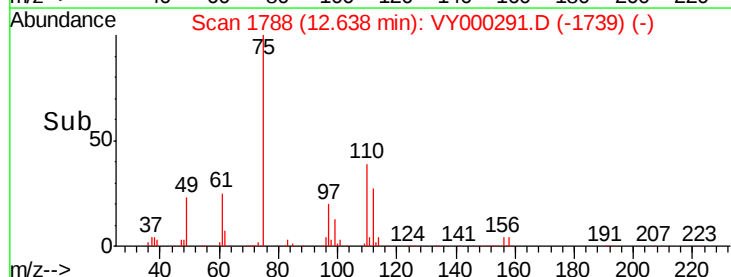
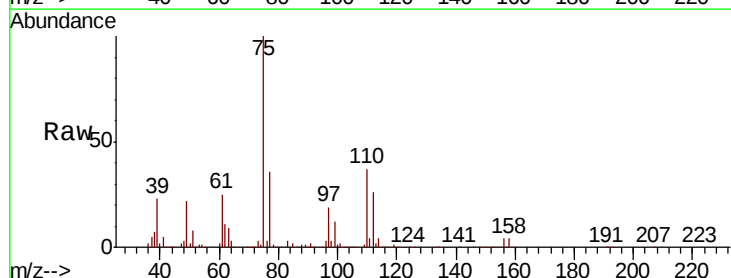
Acq: 14 Oct 2019 11:10

Tgt Ion: 75 Resp: 261913

Ion Ratio Lower Upper

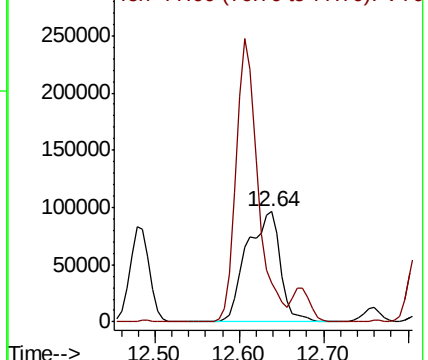
75 100

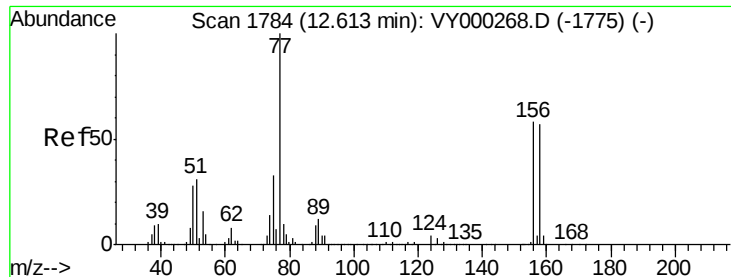
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000291.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000291.D (-1739) (-)





#77

Bromobenzene

Concen: 54.566 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampleId :

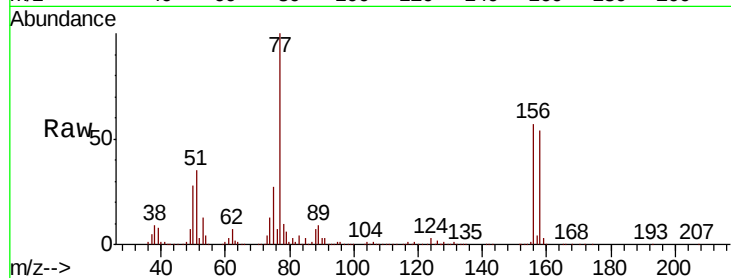
Tot Ion:156 Resp: 220102

Ion Ratio Lower Upper

156 100

77 197.5 101.0 302.9

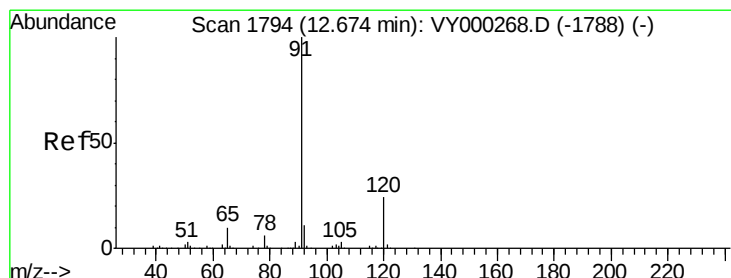
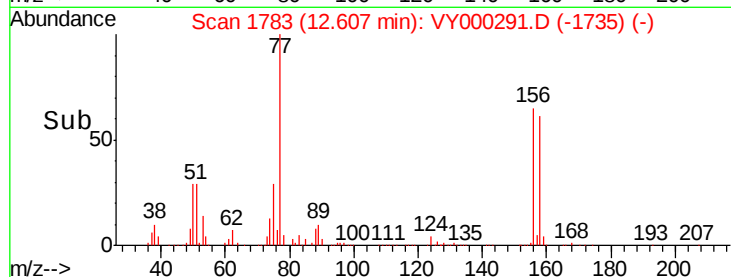
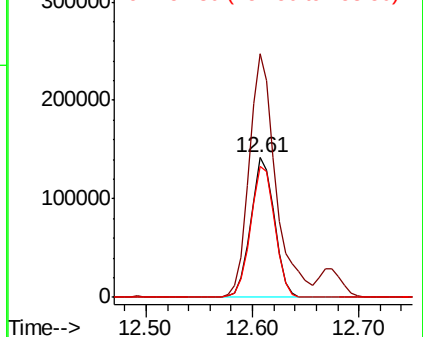
158 96.2 49.7 149.1



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: 54.854 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000291.D

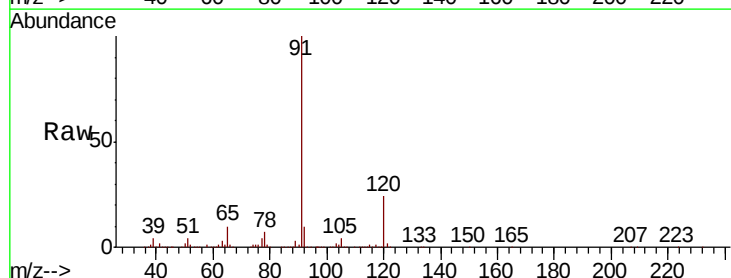
Acq: 14 Oct 2019 11:10

Tgt Ion: 91 Resp: 1193856

Ion Ratio Lower Upper

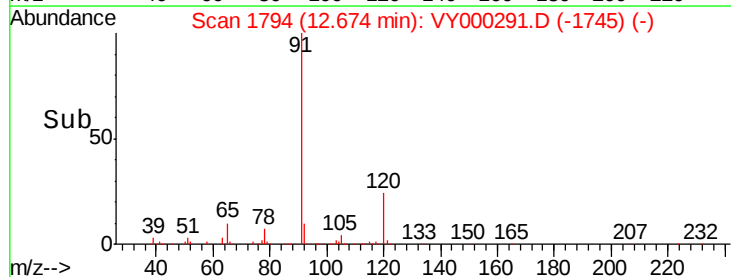
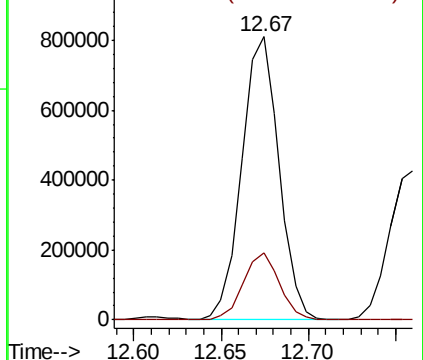
91 100

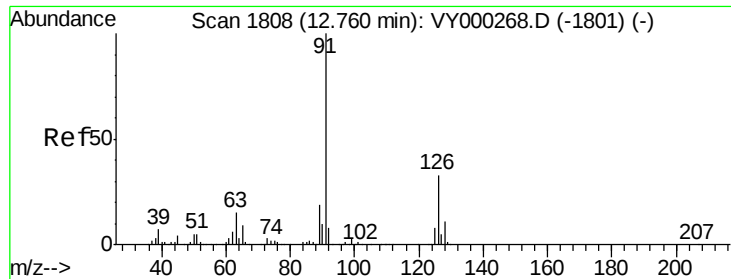
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

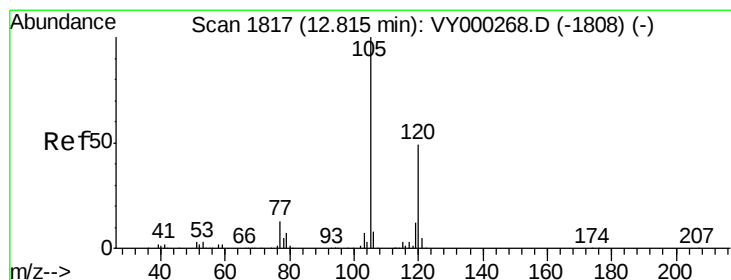
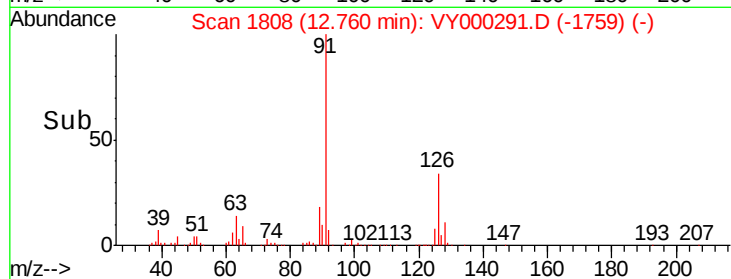
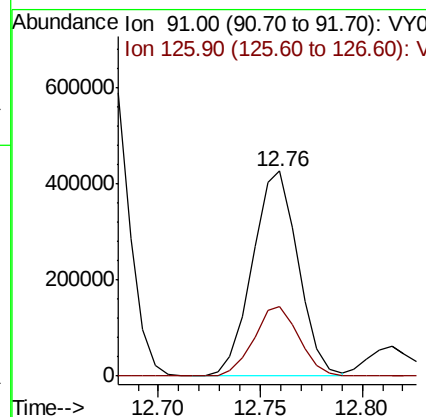
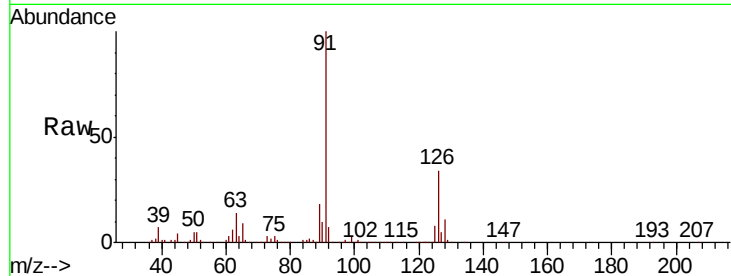




#79
 2-Chlorotoluene
 Concen: 55.419 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

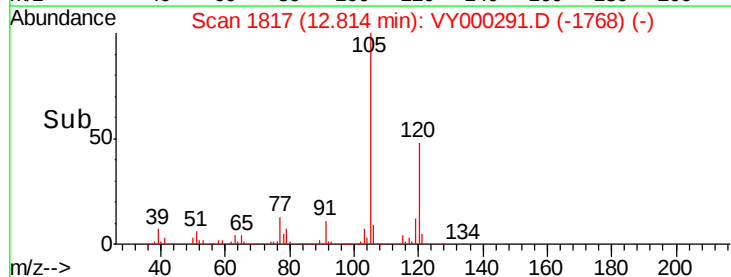
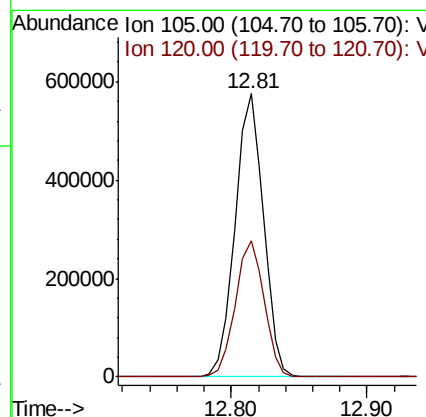
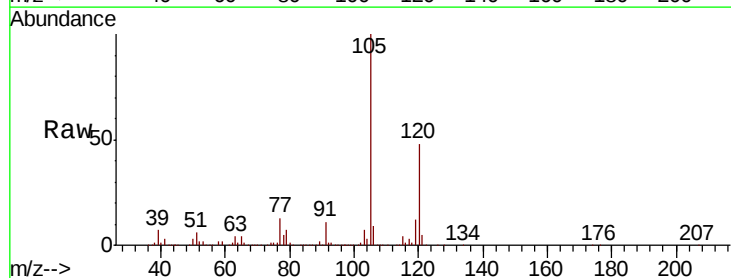
Instrument :
 MSVOA_Y
 ClientSampleId :

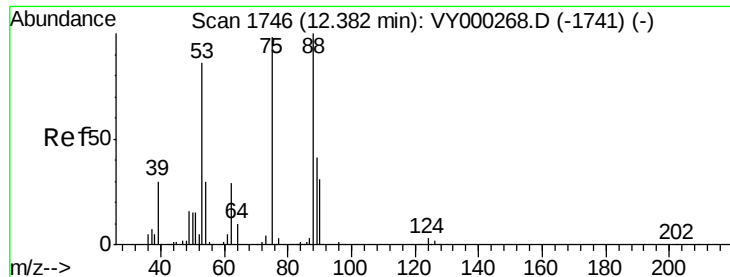
Tot Ion: 91 Resp: 666114
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 54.807 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Tgt Ion: 105 Resp: 833073
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.641 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampleId :

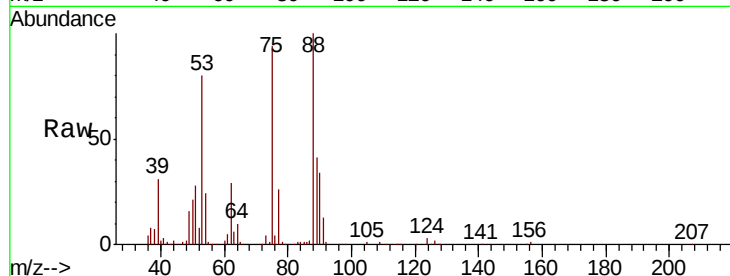
Tot Ion: 75 Resp: 71391

Ion Ratio Lower Upper

75 100

53 87.4 71.3 106.9

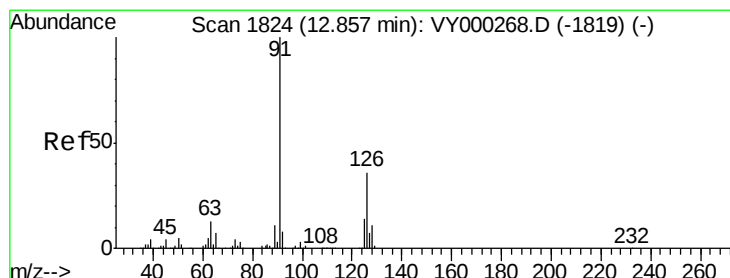
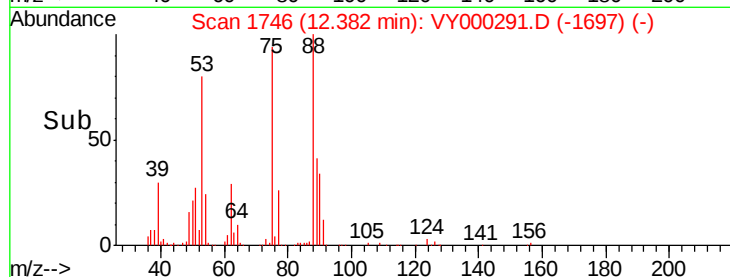
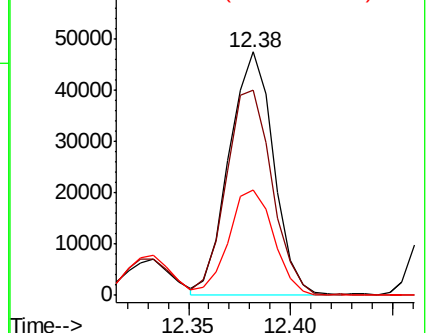
89 44.2 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 55.555 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000291.D

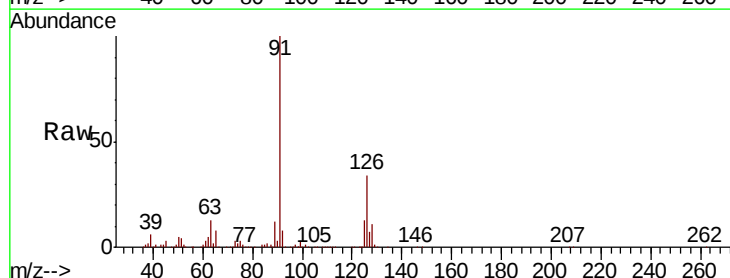
Acq: 14 Oct 2019 11:10

Tgt Ion: 91 Resp: 705841

Ion Ratio Lower Upper

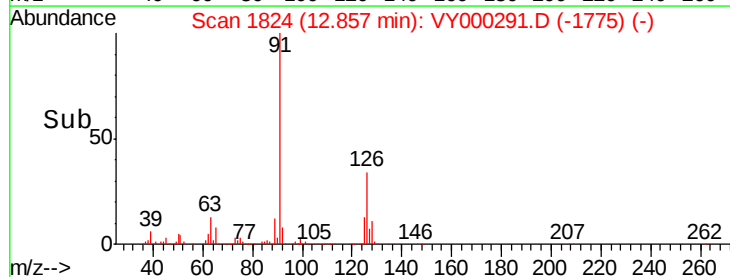
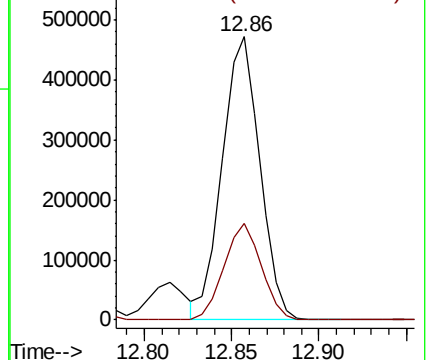
91 100

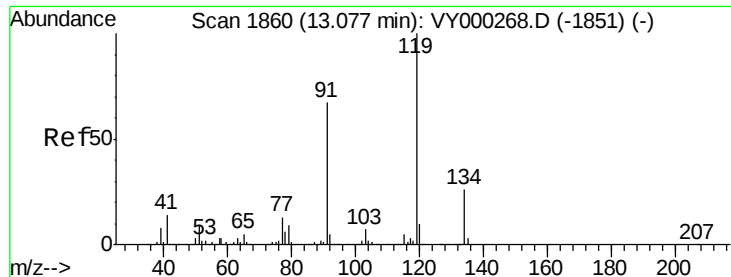
126 33.9 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

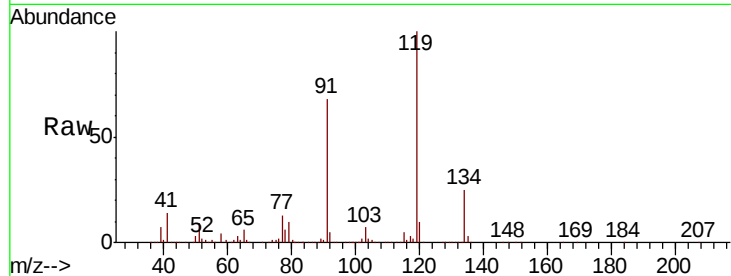




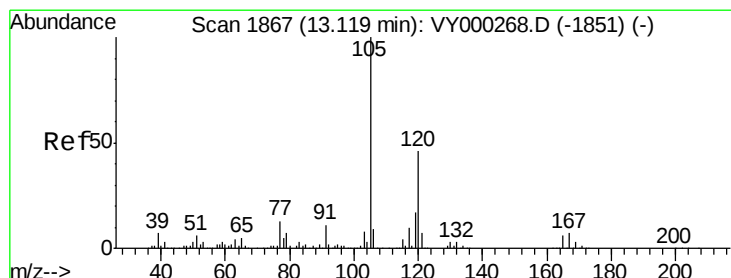
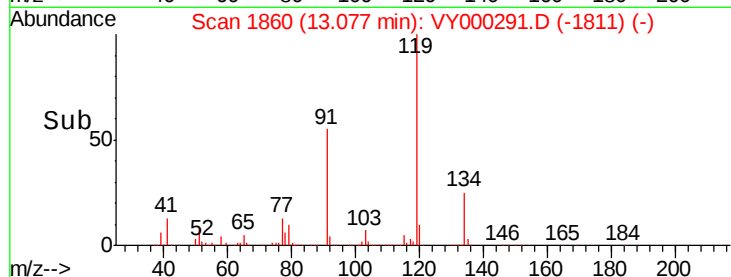
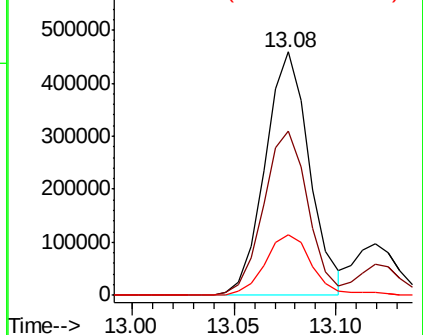
#83
tert-Butylbenzene
Concen: 54.016 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 695294
Ion Ratio Lower Upper
119 100
91 67.7 32.9 98.7
134 26.8 13.3 39.8

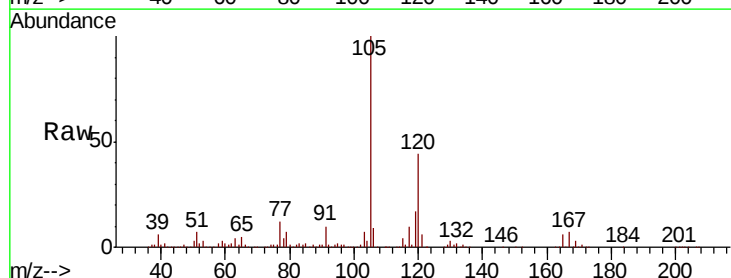


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

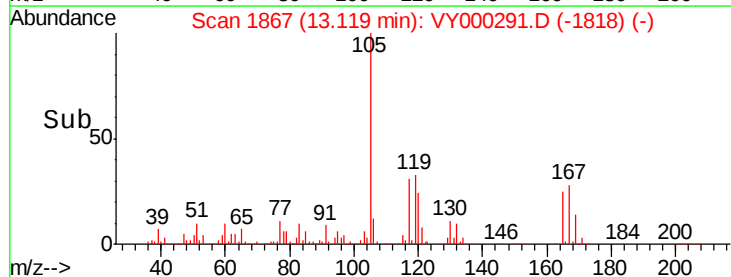
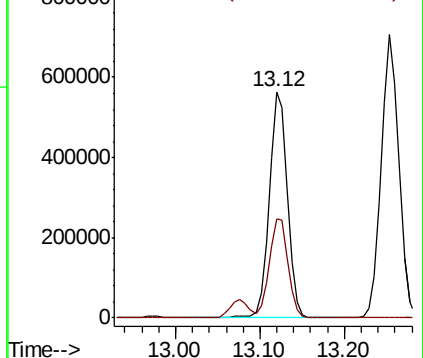


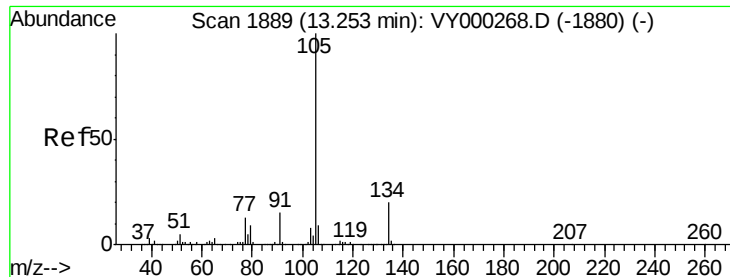
#84
1,2,4-Trimethylbenzene
Concen: 55.600 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion:105 Resp: 834094
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 55.068 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

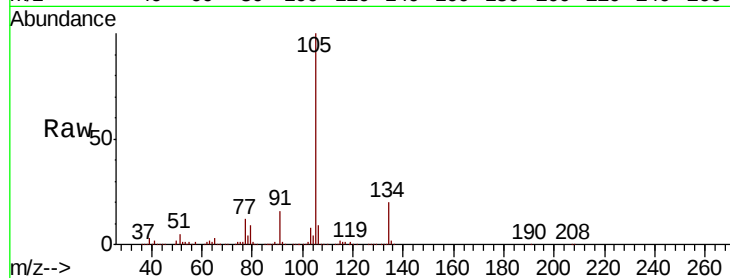
ClientSampled :

Tot Ion:105 Resp: 1025422

Ion Ratio Lower Upper

105 100

134 20.3 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

800000

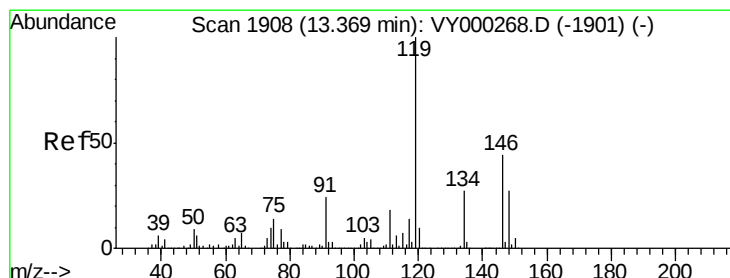
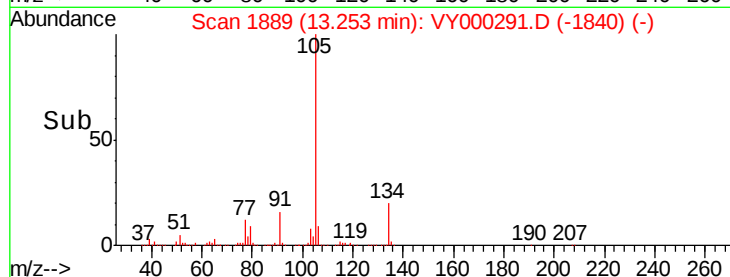
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.330 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

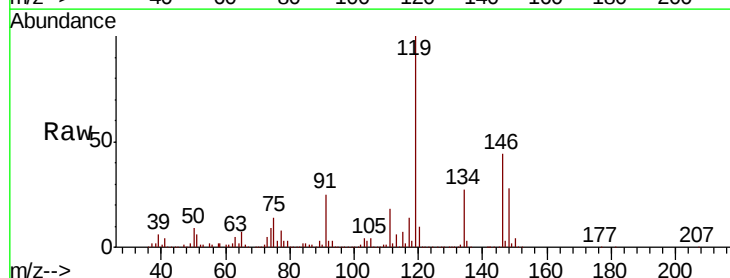
Tgt Ion:119 Resp: 898217

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.3 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

800000

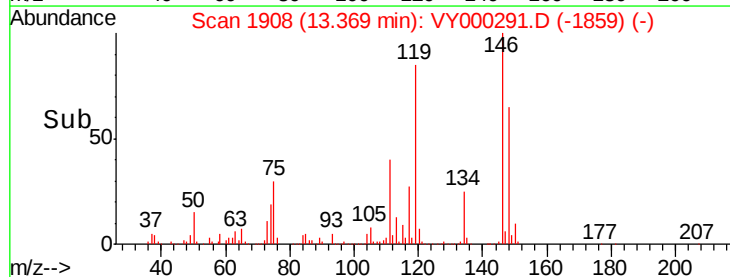
600000

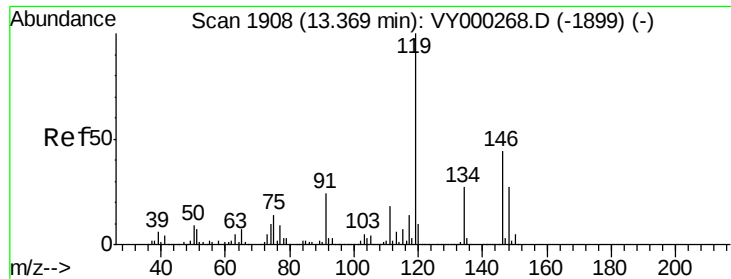
400000

200000

0

Time-->

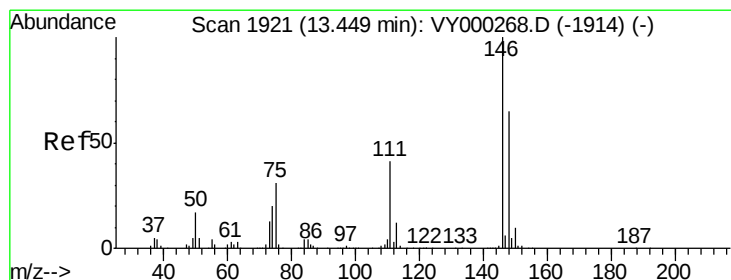
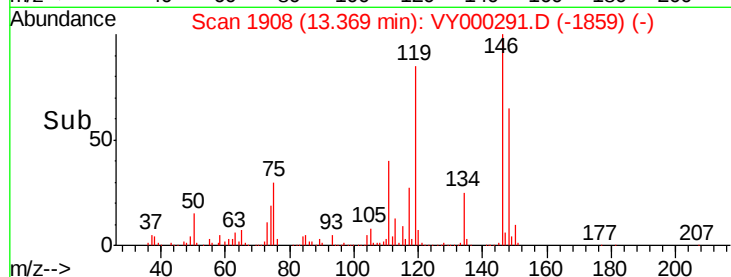
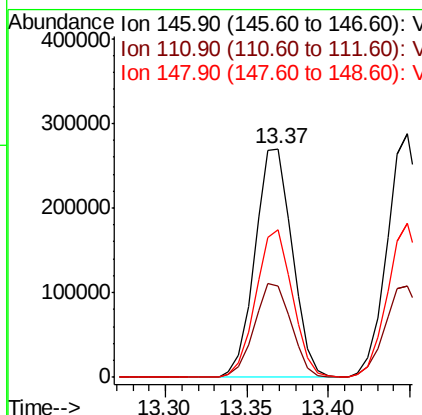
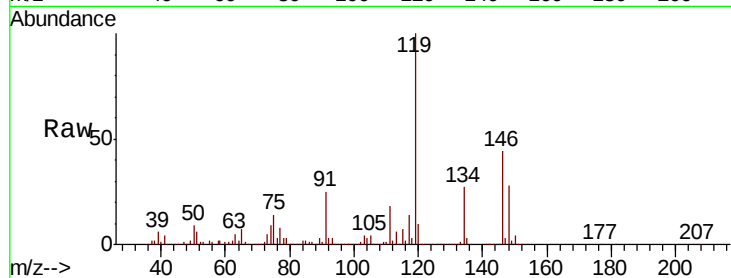




#87
 1,3-Dichlorobenzene
 Concen: 53.901 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

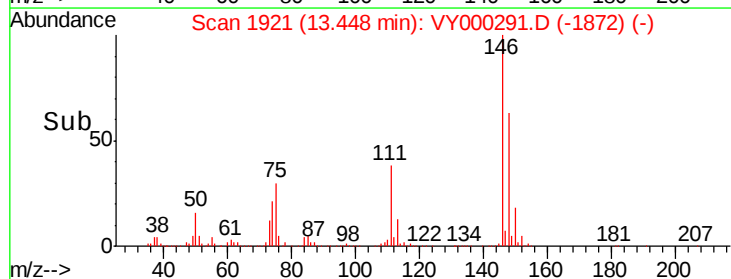
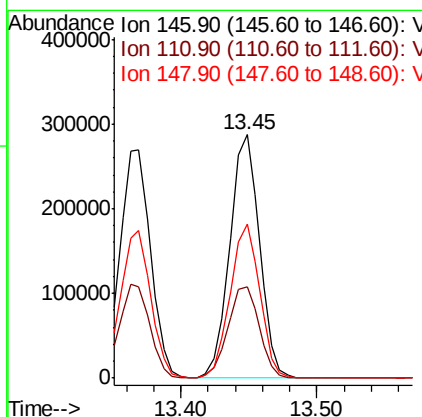
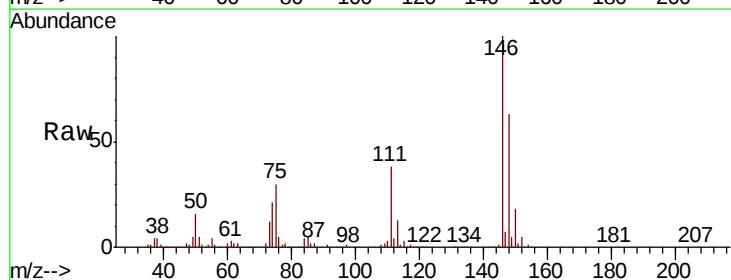
Instrument :
 MSVOA_Y
 ClientSampleId :

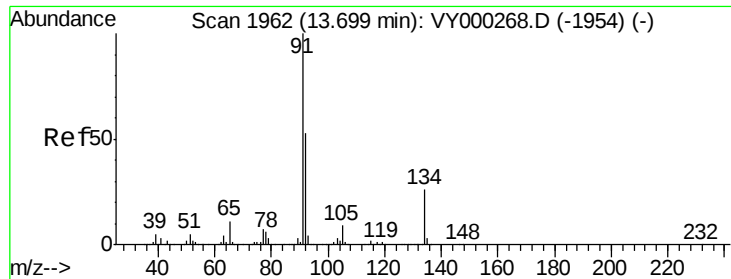
Tot Ion:146 Resp: 428376
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 54.900 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Tgt Ion:146 Resp: 436103
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.2
 148 63.1 32.4 97.2

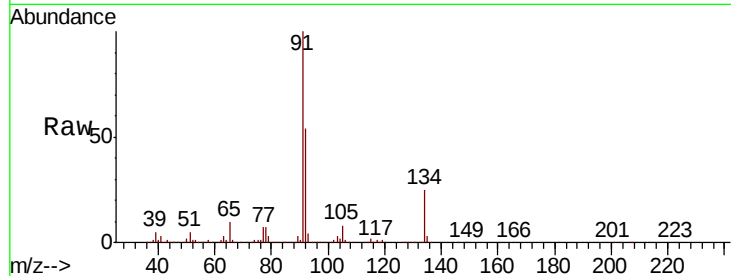




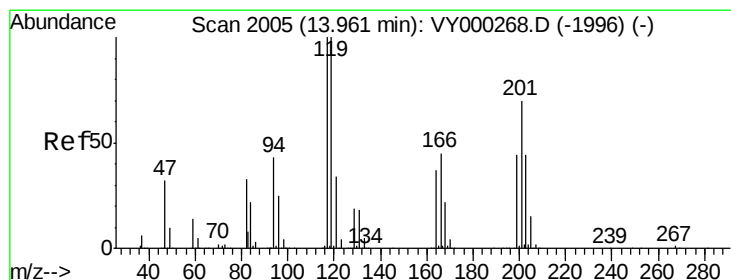
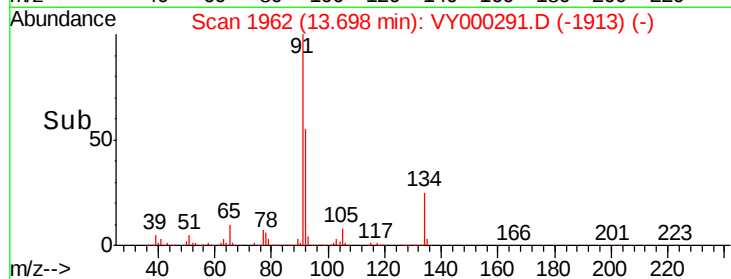
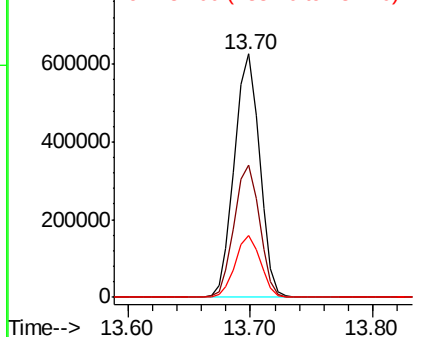
#89
n-Butylbenzene
Concen: 55.837 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 895775
Ion Ratio Lower Upper
91 100
92 54.7 26.7 80.1
134 25.3 13.0 38.9

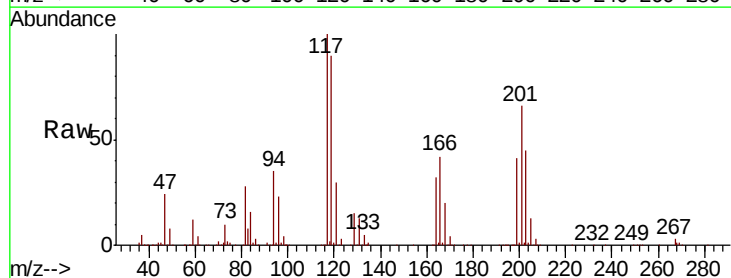


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

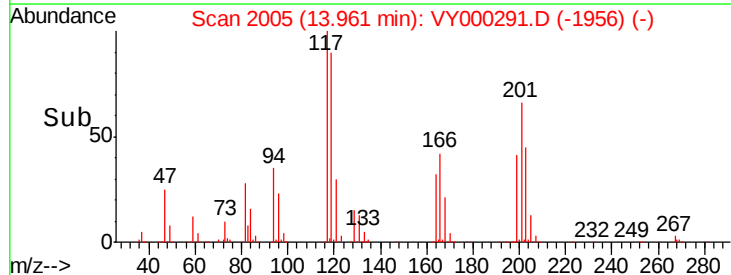
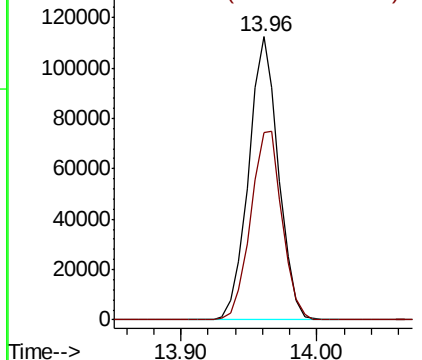


#90
Hexachloroethane
Concen: 57.413 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion: 117 Resp: 172588
Ion Ratio Lower Upper
117 100
201 70.3 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 54.907 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

Instrument :

MSVOA_Y

ClientSampleId :

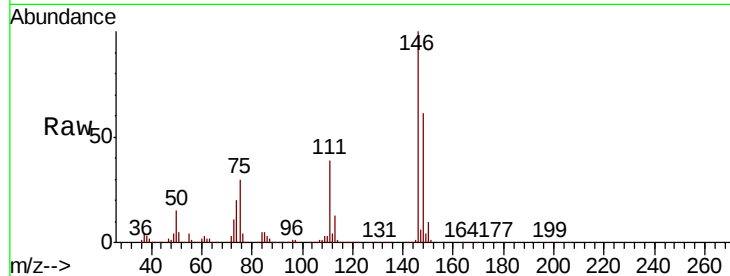
Tot Ion:146 Resp: 394911

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.5

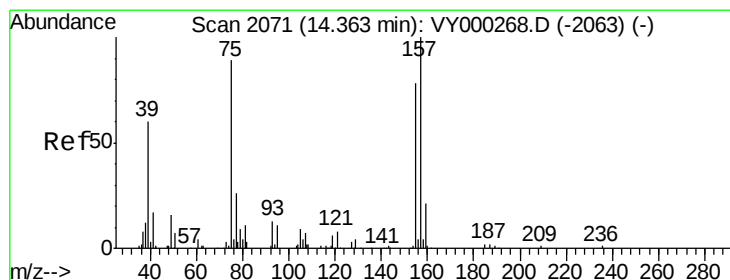
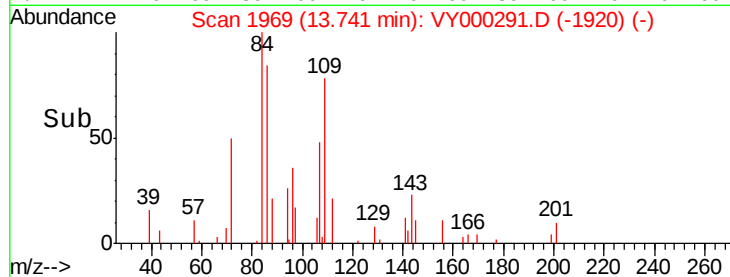
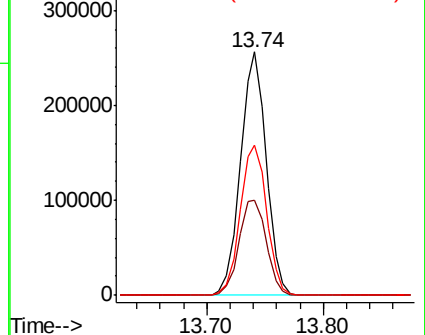
148 63.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.725 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000291.D

Acq: 14 Oct 2019 11:10

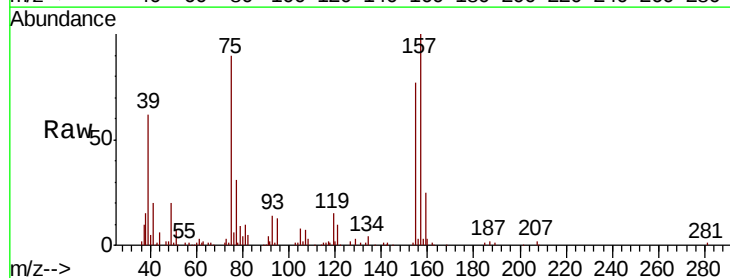
Tgt Ion: 75 Resp: 32097

Ion Ratio Lower Upper

75 100

155 89.1 45.8 137.3

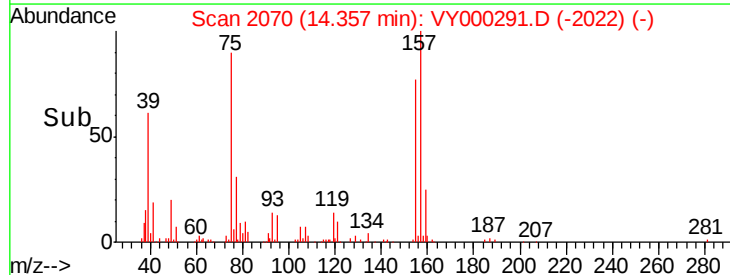
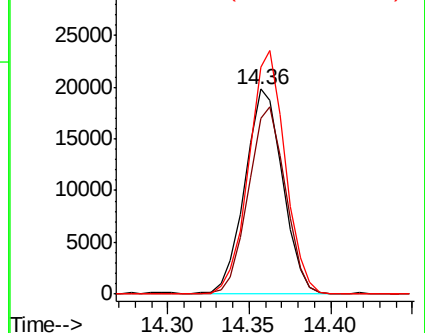
157 113.4 55.6 166.9

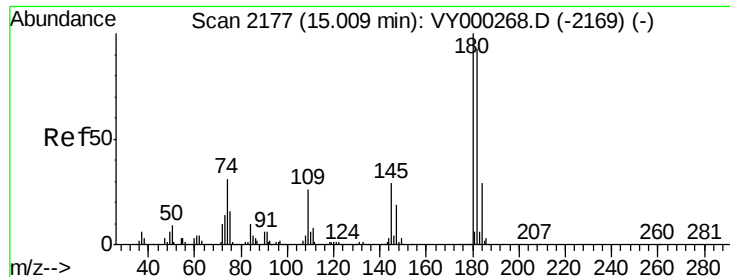


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

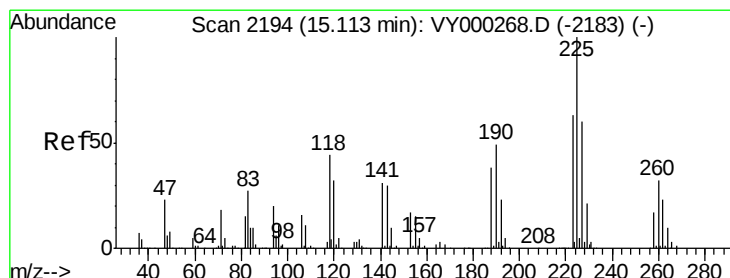
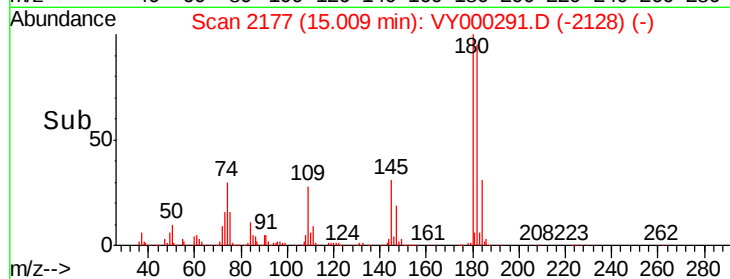
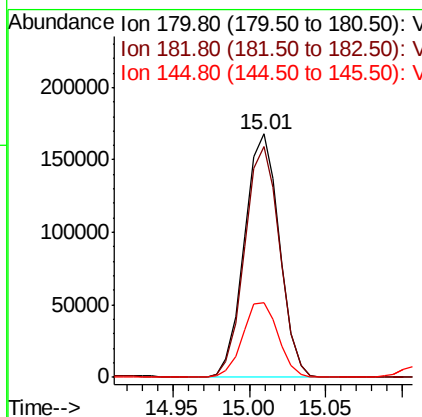
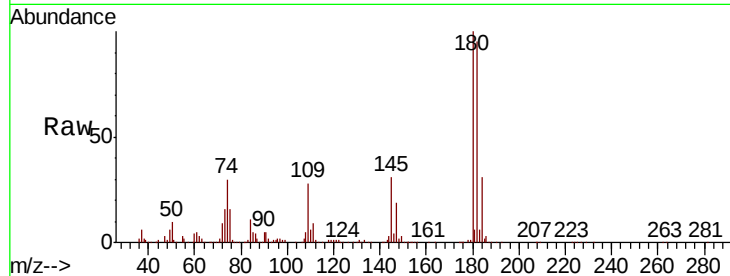




#93
 1,2,4-Trichlorobenzene
 Concen: 53.321 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

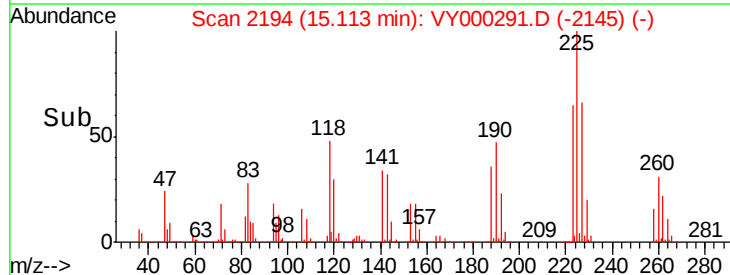
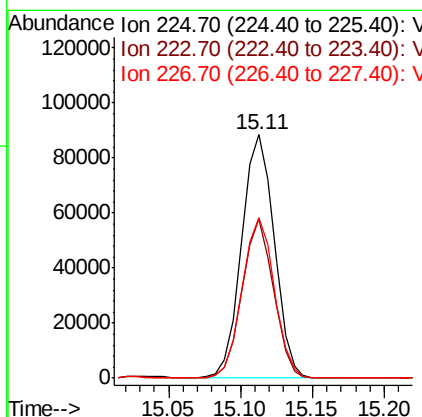
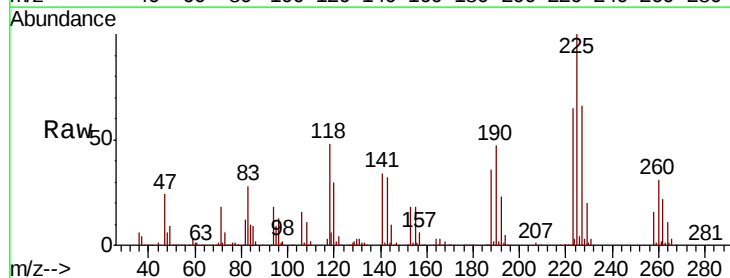
Instrument :
 MSVOA_Y
 ClientSampleId :

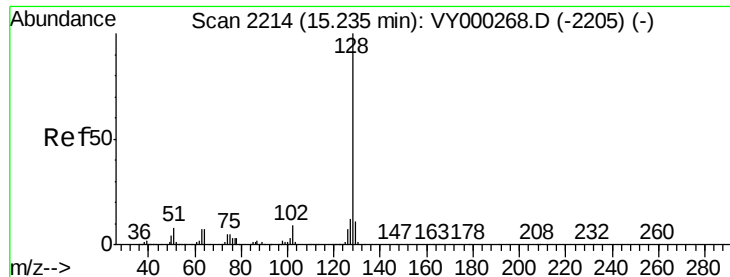
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.6
145	31.6	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 51.188 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000291.D
 Acq: 14 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	65.1	31.4	94.2

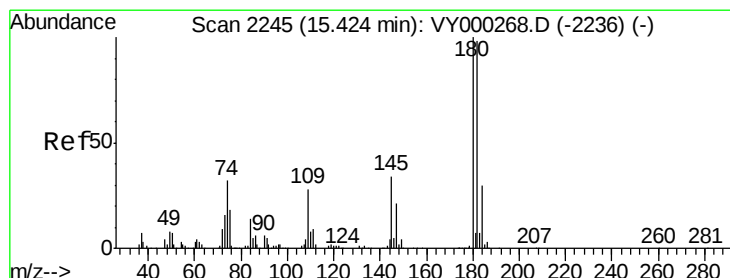
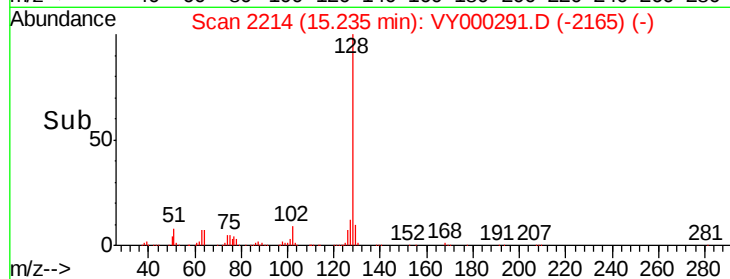
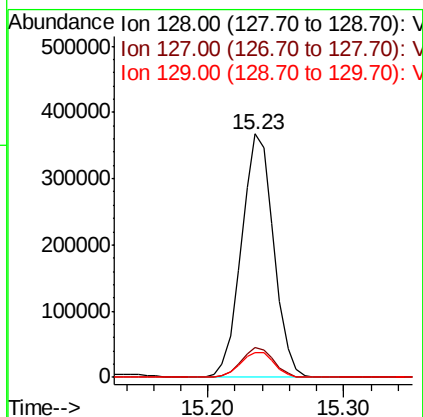
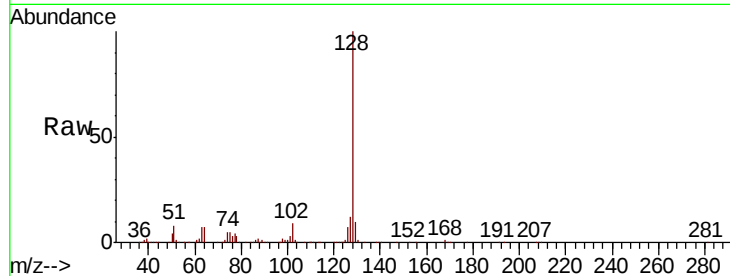




#95
Naphthalene
Concen: 54.228 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 605997
Ion Ratio Lower Upper
128 100
127 12.4 9.6 14.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.261 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000291.D
Acq: 14 Oct 2019 11:10

Tgt Ion:180 Resp: 240371
Ion Ratio Lower Upper
180 100
182 95.2 46.5 139.5
145 32.3 16.2 48.5

