

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000268.D
 Acq On : 11 Oct 2019 13:53
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:16:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	445261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	392933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	197954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	146702	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.73	113	133782	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.19	98	546861	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.49	95	194263	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	107759	44.479	ug/l	100
3) Chloromethane	2.12	50	155332	46.782	ug/l	100
4) Vinyl Chloride	2.25	62	158723	47.366	ug/l	100
5) Bromomethane	2.65	94	106861	42.529	ug/l	100
6) Chloroethane	2.79	64	104940	48.536	ug/l	100
7) Trichlorofluoromethane	3.13	101	221390	48.299	ug/l	100
8) Diethyl Ether	3.54	74	77378	47.785	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	134996	48.563	ug/l	100
10) Methyl Iodide	4.10	142	202595	55.831	ug/l	100
11) Tert butyl alcohol	4.97	59	75691	252.236	ug/l	100
12) 1,1-Dichloroethene	3.88	96	134355	48.957	ug/l	100
13) Acrolein	3.74	56	89034	253.178	ug/l	100
14) Allyl chloride	4.49	41	220066	48.389	ug/l	100
15) Acrylonitrile	5.18	53	230033	253.801	ug/l	100
16) Acetone	3.96	43	253577	273.189	ug/l	100
17) Carbon Disulfide	4.20	76	414854	48.012	ug/l	100
18) Methyl Acetate	4.49	43	106171	46.036	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	373986	48.954	ug/l	100
20) Methylene Chloride	4.72	84	153716	40.384	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	151898	48.244	ug/l	100
22) Diisopropyl ether	6.13	45	474533	49.334	ug/l	100
23) Vinyl Acetate	6.08	43	1602573	255.384	ug/l	100
24) 1,1-Dichloroethane	6.04	63	257159	48.980	ug/l	100
25) 2-Butanone	7.00	43	341032	260.817	ug/l	100
26) 2,2-Dichloropropane	6.99	77	231939	47.942	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	166377	48.834	ug/l	100
28) Bromochloromethane	7.35	49	114214	50.674	ug/l	100
29) Tetrahydrofuran	7.36	42	203122	256.329	ug/l	100
30) Chloroform	7.52	83	262913	49.724	ug/l	100
31) Cyclohexane	7.80	56	258432	47.128	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	234915	49.974	ug/l	100
36) 1,1-Dichloropropene	7.93	75	208424	47.810	ug/l	100
37) Ethyl Acetate	7.09	43	130084	50.395	ug/l	100
38) Carbon Tetrachloride	7.91	117	206805	48.995	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	278308	48.778	ug/l	100
40) Benzene	8.18	78	615796	48.880	ug/l	100
41) Methacrylonitrile	7.36	41	182370	160.852	ug/l #	24
42) 1,2-Dichloroethane	8.25	62	177280	49.263	ug/l	100
43) Isopropyl Acetate	8.29	43	249189	50.771	ug/l	100
44) Trichloroethene	8.95	130	173741	49.151	ug/l	100
45) 1,2-Dichloropropane	9.23	63	153626	49.691	ug/l	100
46) Dibromomethane	9.32	93	85040	49.205	ug/l	100
47) Bromodichloromethane	9.51	83	202691	49.764	ug/l	100
48) Methyl methacrylate	9.30	41	109446	50.882	ug/l	100
49) 1,4-Dioxane	9.31	88	26776	1033.289	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	655356	258.884	ug/l	100
52) Toluene	10.25	92	392847	49.115	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	219899	50.377	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	250758	50.585	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	121807	48.473	ug/l	100
56) Ethyl methacrylate	10.52	69	185111	51.682	ug/l	100
57) 1,3-Dichloropropane	10.80	76	216432	50.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	353611	247.516	ug/l	100
59) 2-Hexanone	10.84	43	469560	264.263	ug/l	100
60) Dibromochloromethane	10.99	129	140086	50.297	ug/l	100
61) 1,2-Dibromoethane	11.10	107	121381	50.308	ug/l	100
64) Tetrachloroethene	10.72	164	185579	49.610	ug/l	100
65) Chlorobenzene	11.52	112	410681	49.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	146504	50.293	ug/l	100
67) Ethyl Benzene	11.60	91	770696	50.134	ug/l	100
68) m/p-Xylenes	11.70	106	590241	100.437	ug/l	100
69) o-Xylene	12.03	106	278814	49.733	ug/l	100
70) Styrene	12.05	104	478290	50.587	ug/l	100
71) Bromoform	12.21	173	88561	52.885	ug/l #	100
73) Isopropylbenzene	12.33	105	756697	49.024	ug/l	100
74) N-amyl acetate	12.14	43	203938	53.819	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	143525	49.525	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	211053	53.333	ug/l #	100
77) Bromobenzene	12.61	156	165977	48.324	ug/l	100
78) n-propylbenzene	12.67	91	918731	49.575	ug/l	100
79) 2-Chlorotoluene	12.76	91	507665	49.602	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	639858	49.437	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58611	52.683	ug/l	100
82) 4-Chlorotoluene	12.86	91	537636	49.696	ug/l	100
83) tert-Butylbenzene	13.08	119	542425	49.489	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	638671	49.998	ug/l	100
85) sec-Butylbenzene	13.25	105	799916	50.450	ug/l	100
86) p-Isopropyltoluene	13.37	119	702848	50.846	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	328826	48.591	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	330568	48.872	ug/l	100
89) n-Butylbenzene	13.70	91	692967	50.729	ug/l	100
90) Hexachloroethane	13.96	117	131027	51.189	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	310288	50.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27331	49.726	ug/l	100

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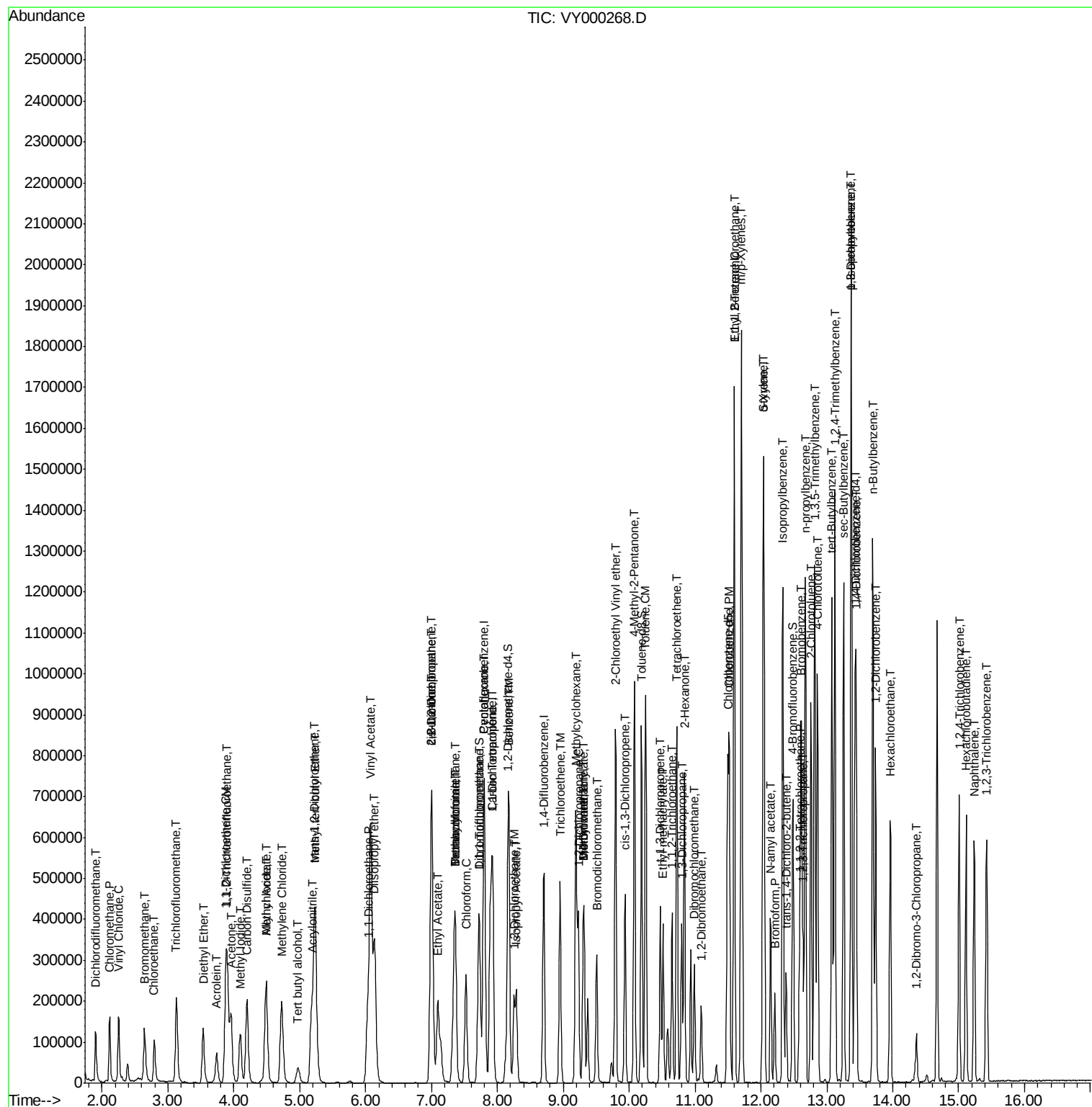
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	205995	48.311	ug/l	100
94) Hexachlorobutadiene	15.11	225	113193	49.054	ug/l	100
95) Naphthalene	15.23	128	468324	49.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	187133	48.696	ug/l	100

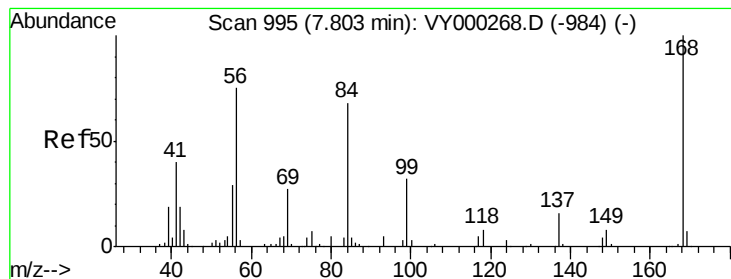
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:12:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

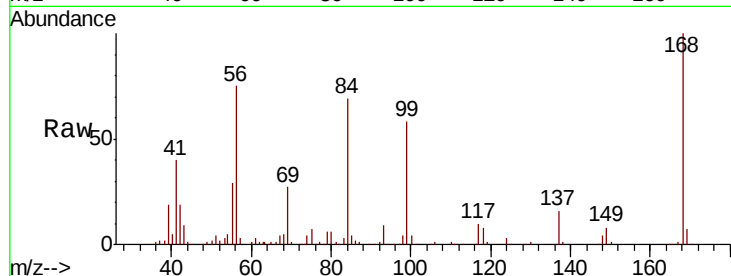
ClientSampled :

Tot Ion:168 Resp: 271722

Ion Ratio Lower Upper

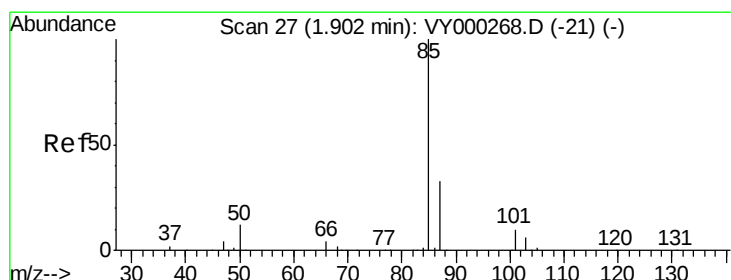
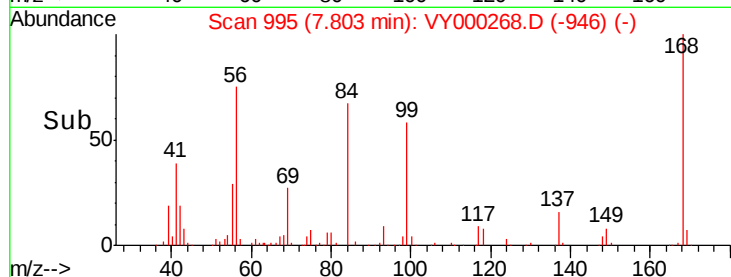
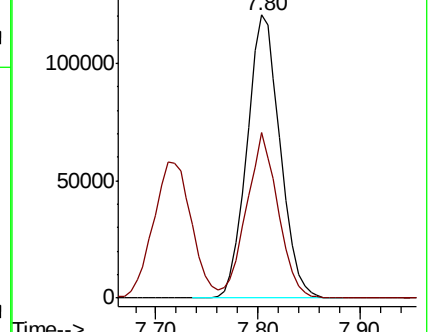
168 100

99 58.2 46.6 69.8



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

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



#2

Dichlorodifluoromethane

Concen: 44.479 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000268.D

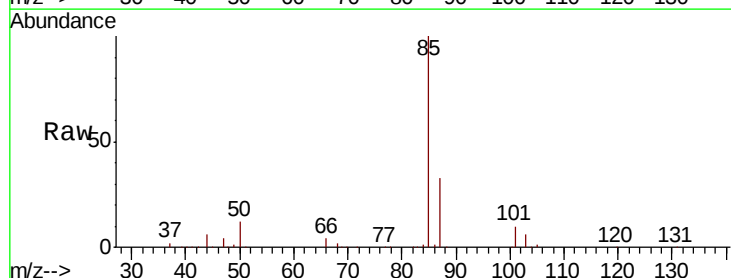
Acq: 11 Oct 2019 13:53

Tgt Ion: 85 Resp: 107759

Ion Ratio Lower Upper

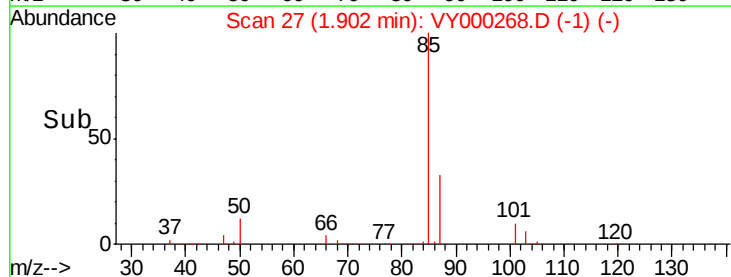
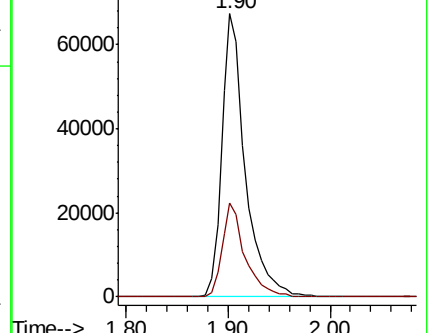
85 100

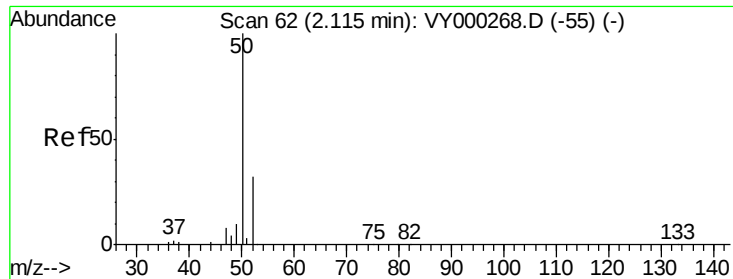
87 33.2 16.6 49.8



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

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





#3

Chloromethane

Concen: 46.782 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

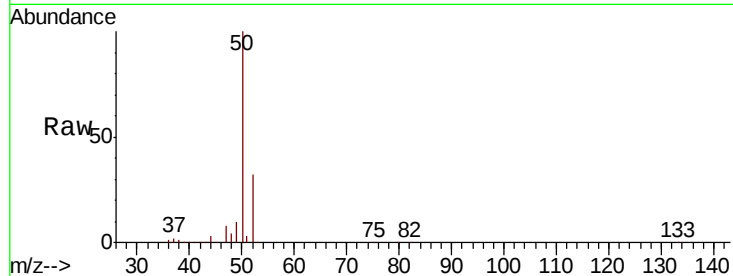
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 155332

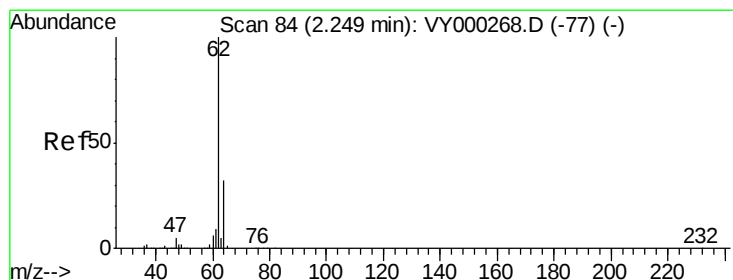
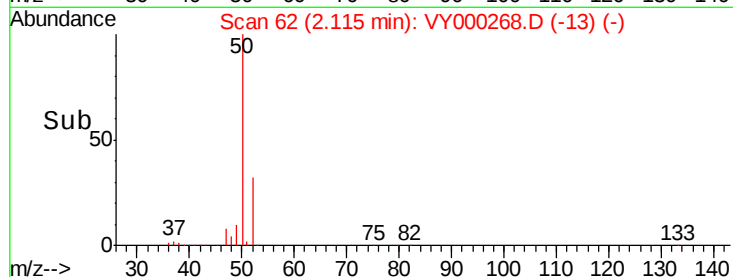
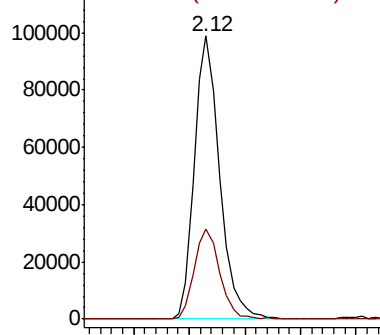
Ion Ratio Lower Upper

50 100

52 31.6 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.366 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000268.D

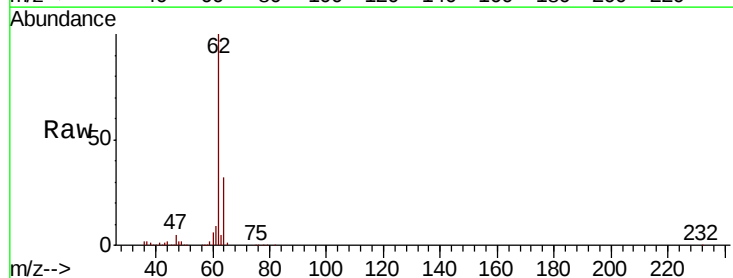
Acq: 11 Oct 2019 13:53

Tgt Ion: 62 Resp: 158723

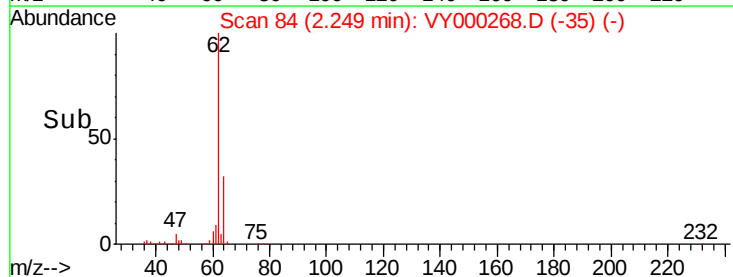
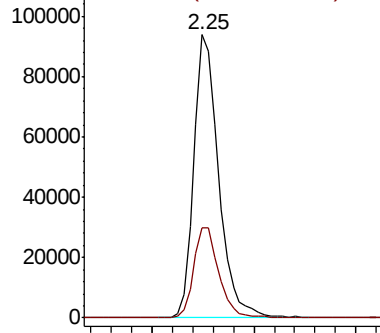
Ion Ratio Lower Upper

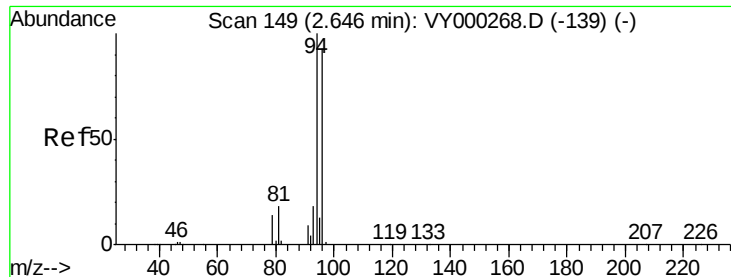
62 100

64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 42.529 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

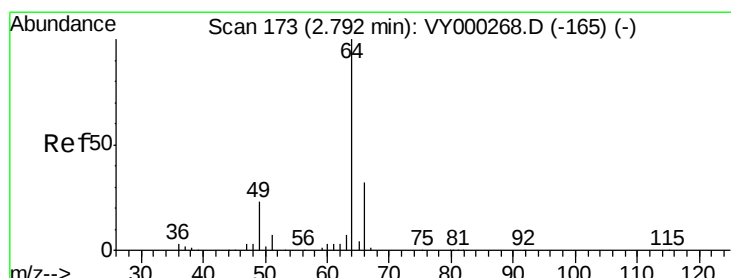
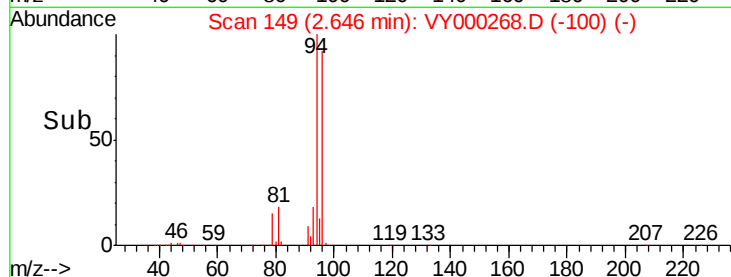
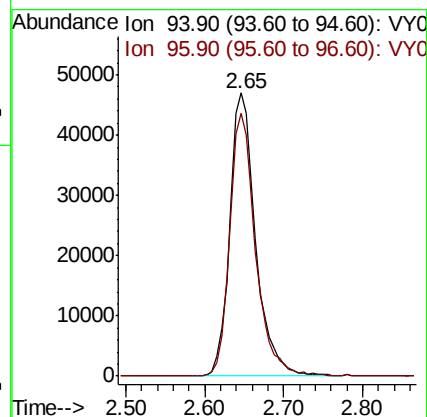
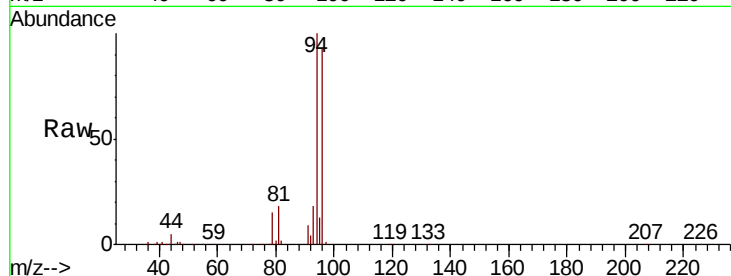
ClientSampled :

Tot Ion: 94 Resp: 106861

Ion Ratio Lower Upper

94 100

96 92.7 74.2 111.2



#6

Chloroethane

Concen: 48.536 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000268.D

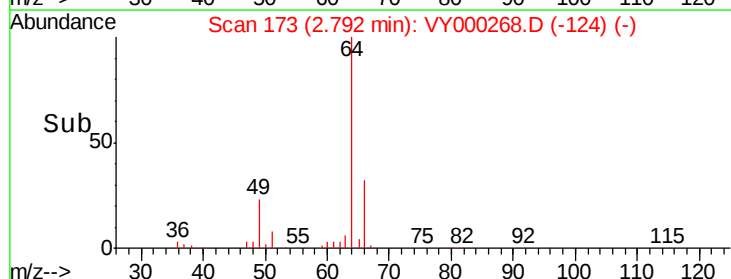
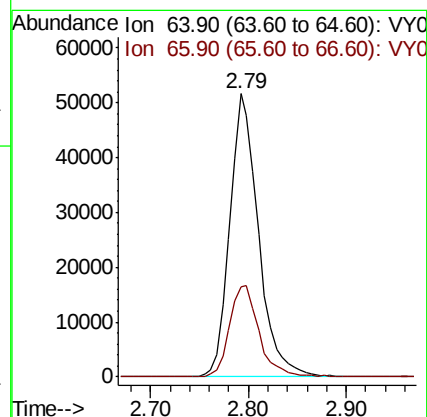
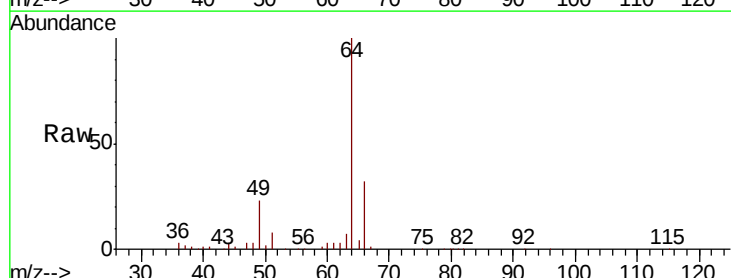
Acq: 11 Oct 2019 13:53

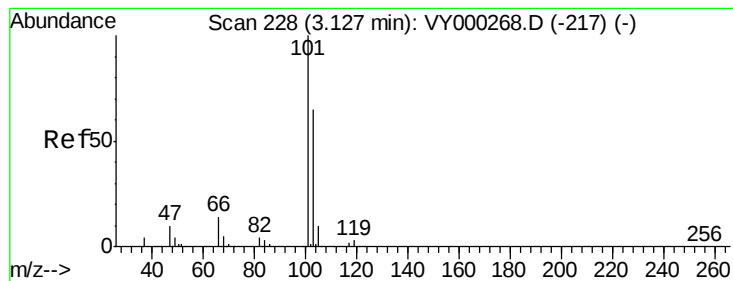
Tgt Ion: 64 Resp: 104940

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



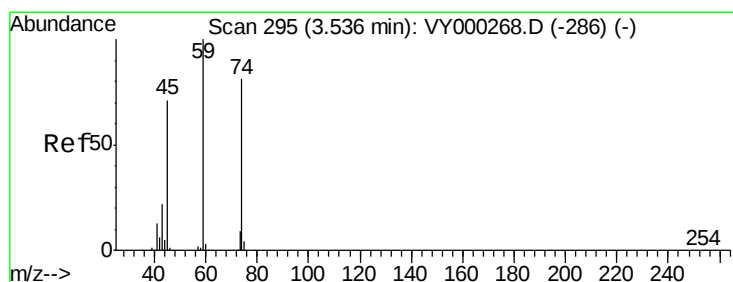
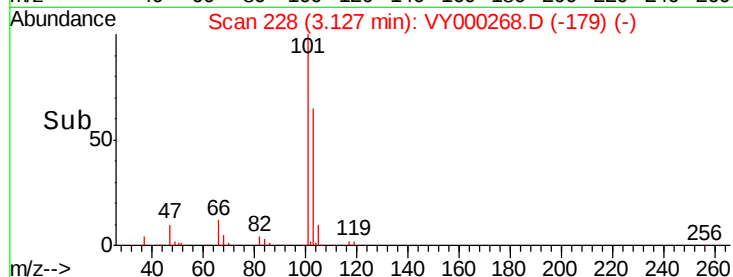
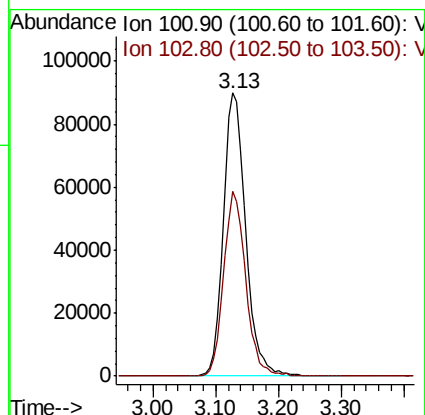
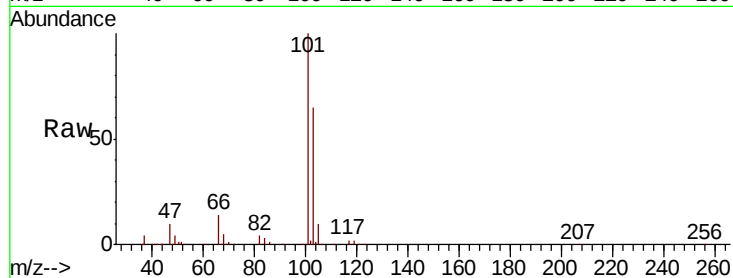


#7

Trichlorofluoromethane
Concen: 48.299 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampled :

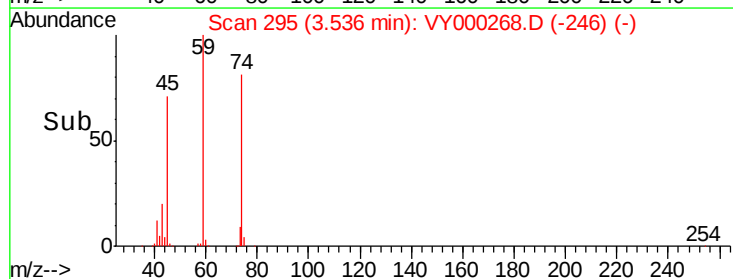
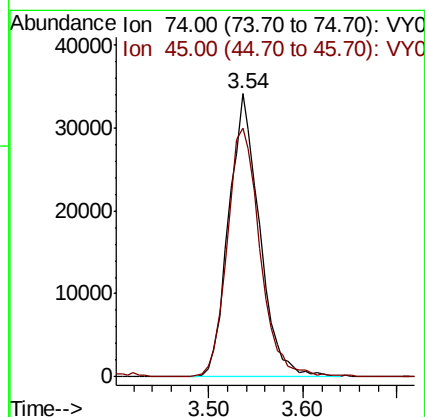
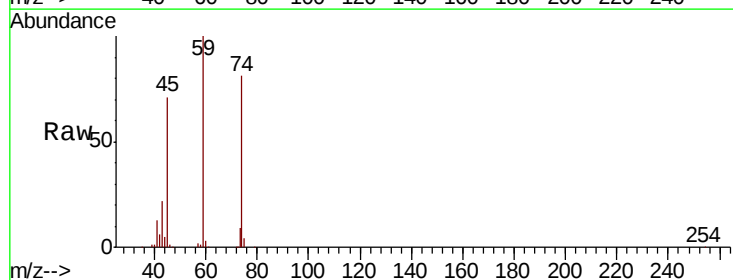
Tot Ion:101 Resp: 221390
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

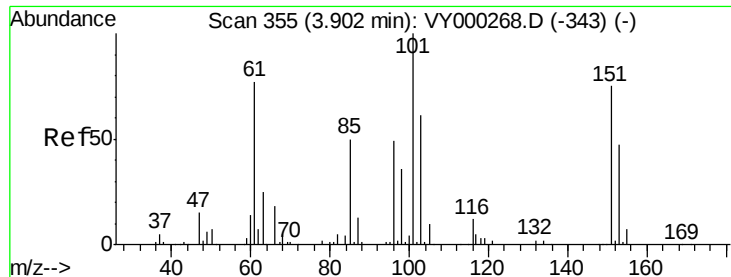


#8

Diethyl Ether
Concen: 47.785 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 74 Resp: 77378
Ion Ratio Lower Upper
74 100
45 94.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.563 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampled :

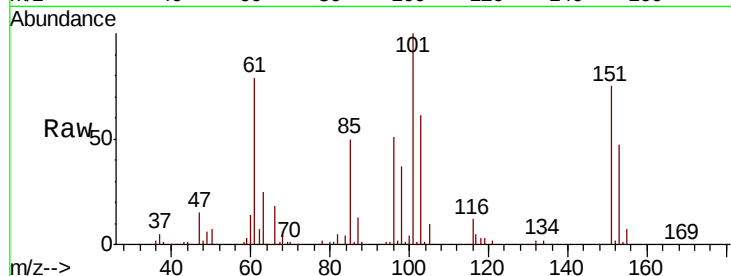
Tot Ion:101 Resp: 134996

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

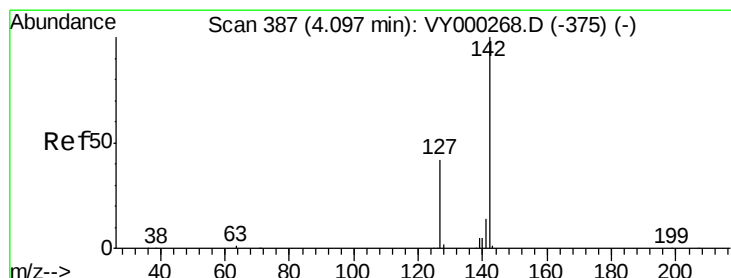
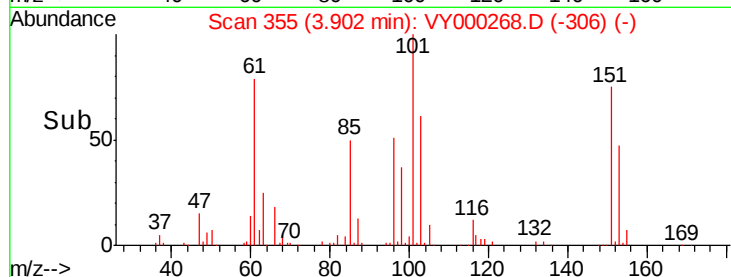
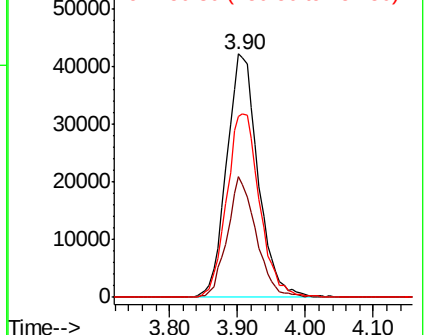
151 78.9 63.1 94.7



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: 55.831 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

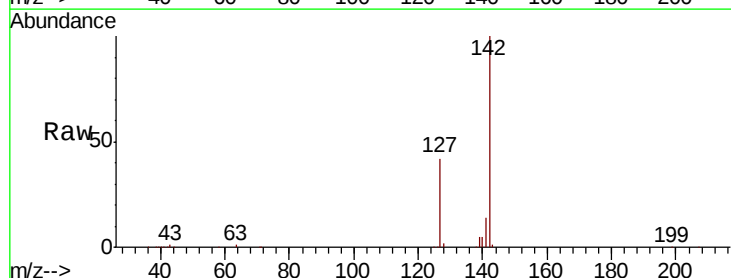
Tgt Ion:142 Resp: 202595

Ion Ratio Lower Upper

142 100

127 42.4 33.9 50.9

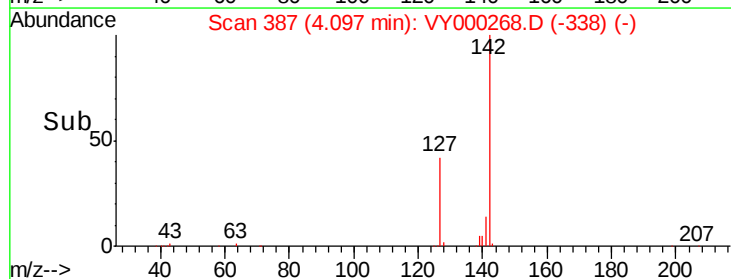
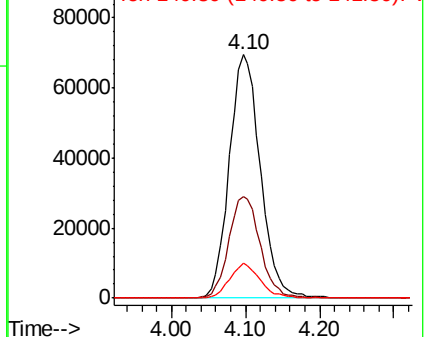
141 14.0 11.2 16.8

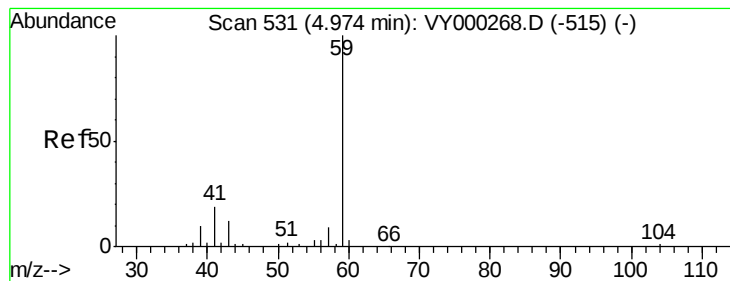


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



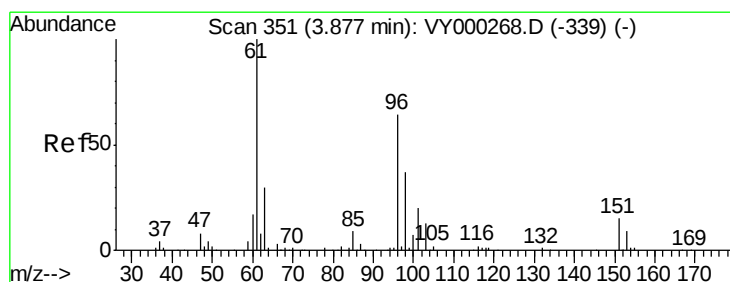
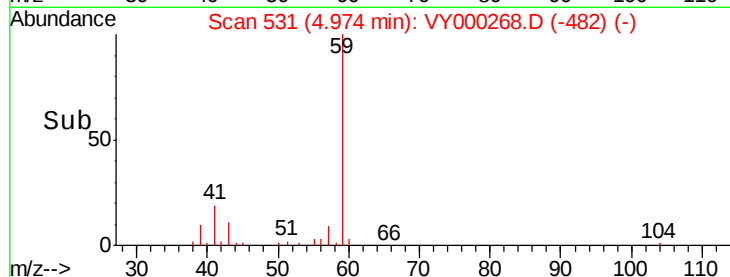
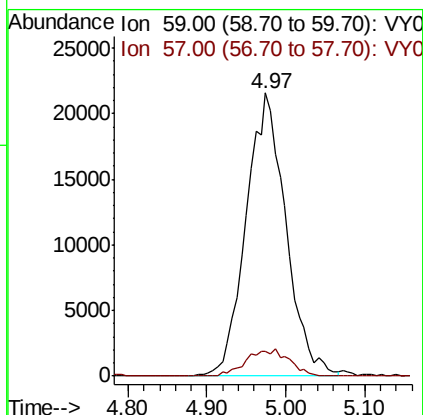
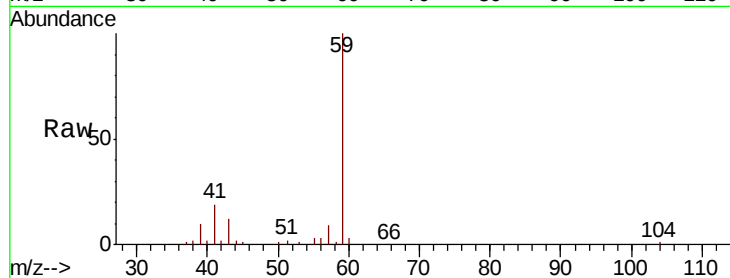


#11

Tert butyl alcohol
 Concen: 252.236 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :

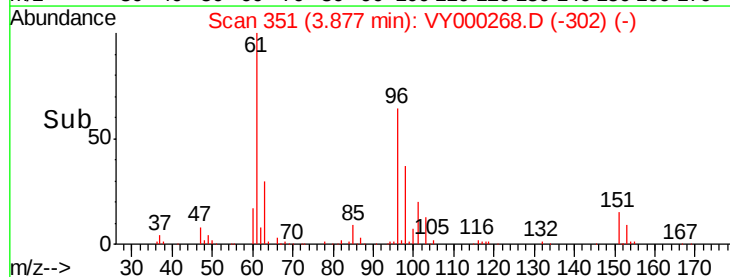
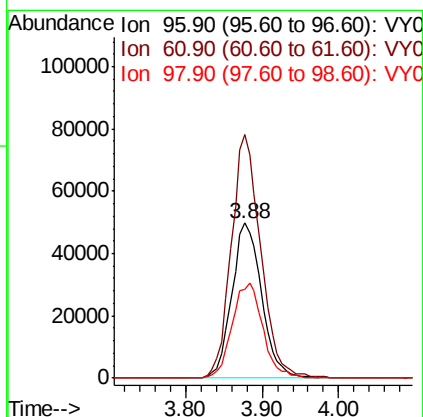
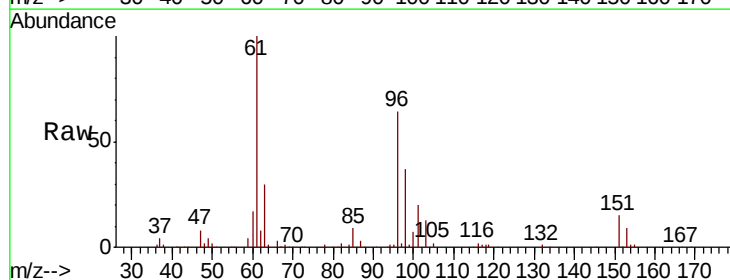
Tot Ion: 59 Resp: 75691
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

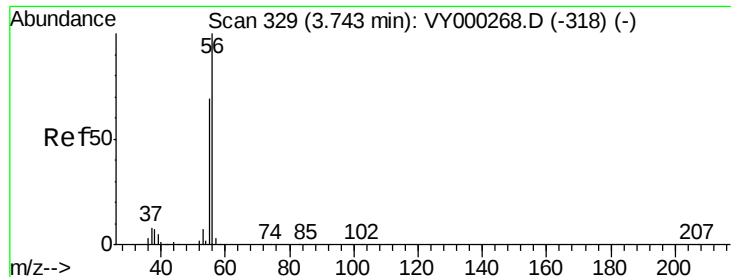


#12

1,1-Dichloroethene
 Concen: 48.957 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion: 96 Resp: 134355
 Ion Ratio Lower Upper
 96 100
 61 157.2 125.8 188.6
 98 57.7 46.2 69.2

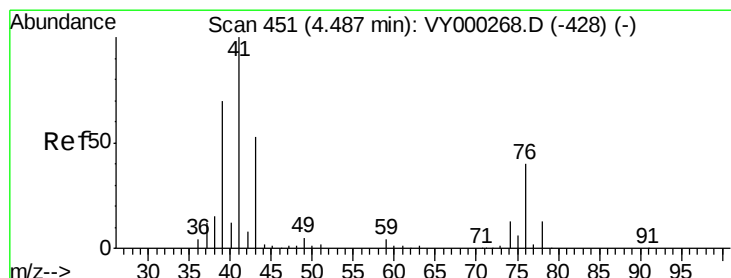
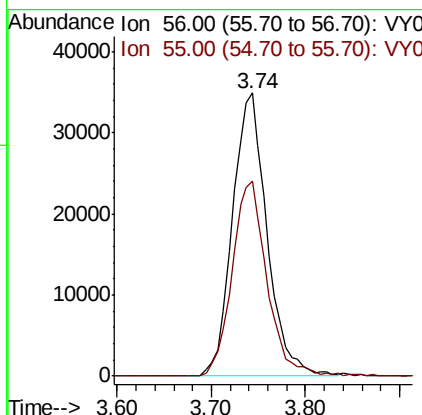
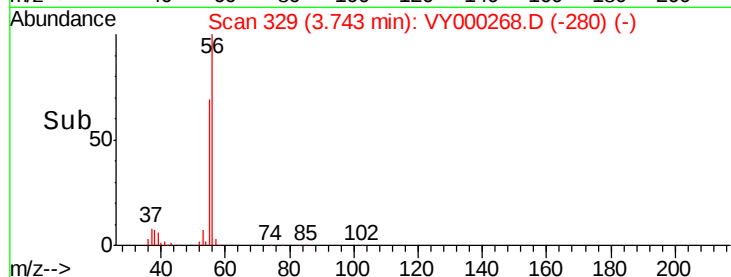
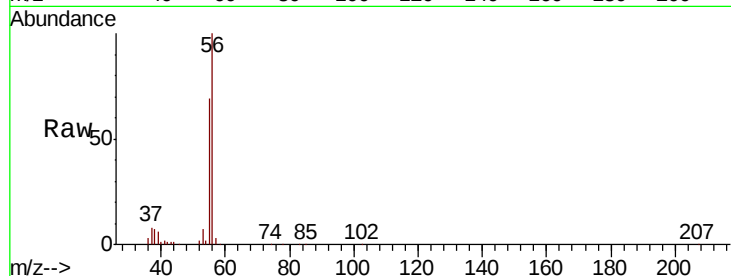




#13
Acrolein
Concen: 253.178 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

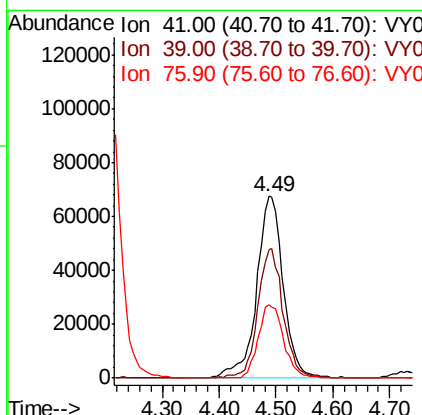
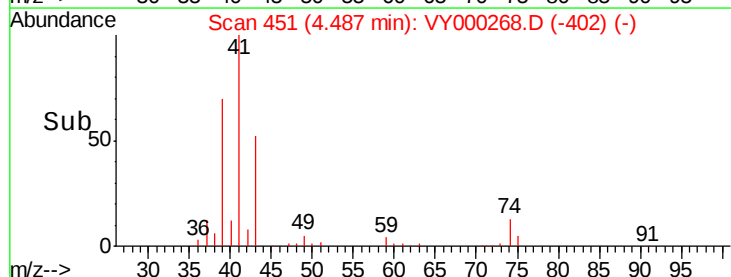
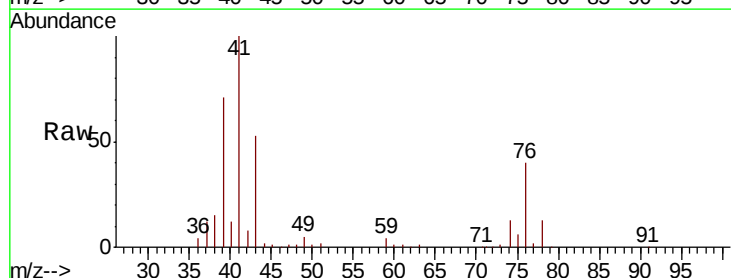
Instrument :
MSVOA_Y
ClientSampleId :

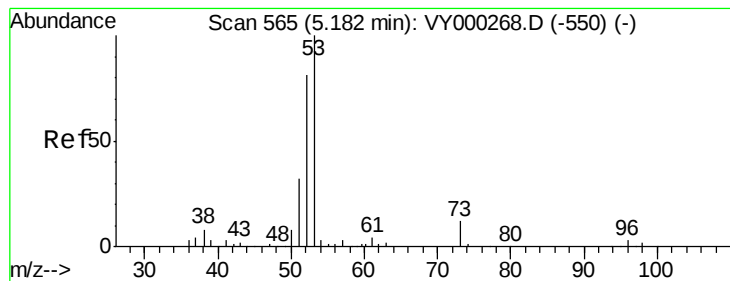
Tot Ion: 56 Resp: 89034
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 48.389 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 41 Resp: 220066
Ion Ratio Lower Upper
41 100
39 67.5 54.0 81.0
76 38.4 30.7 46.1





#15

Acrylonitrile

Concen: 253.801 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

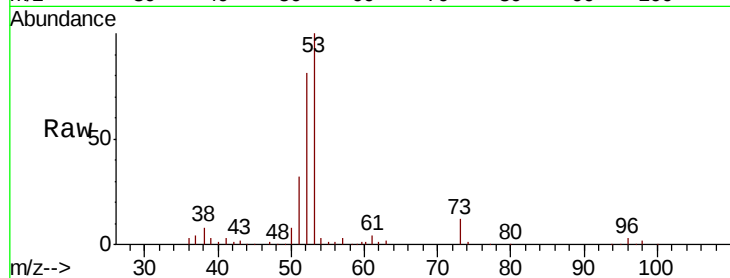
Tot Ion: 53 Resp: 230033

Ion Ratio Lower Upper

53 100

52 78.6 62.9 94.3

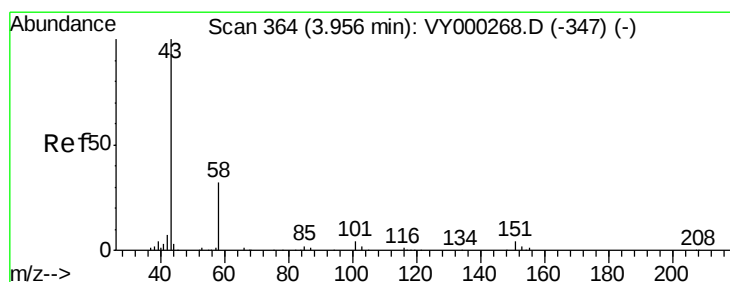
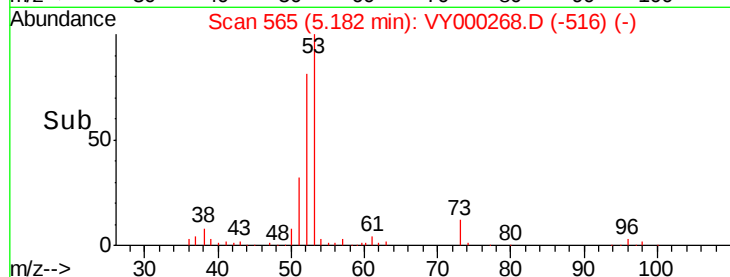
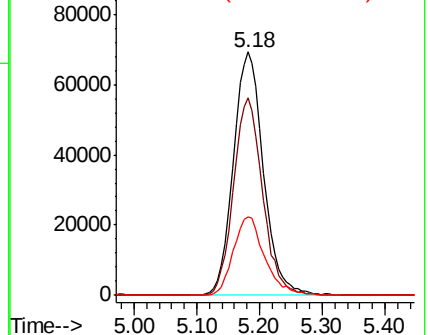
51 33.6 26.9 40.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 273.189 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000268.D

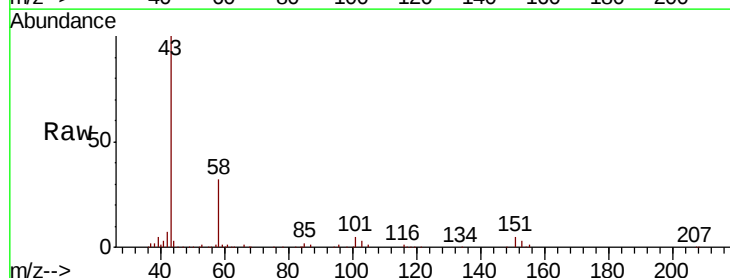
Acq: 11 Oct 2019 13:53

Tgt Ion: 43 Resp: 253577

Ion Ratio Lower Upper

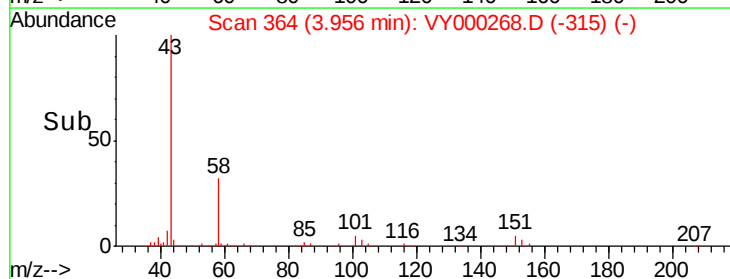
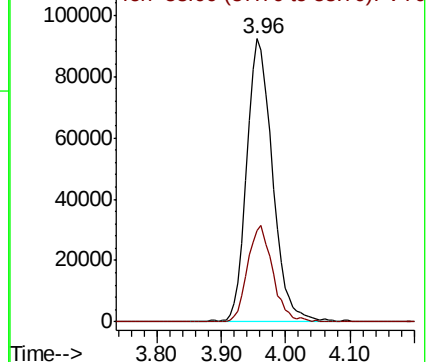
43 100

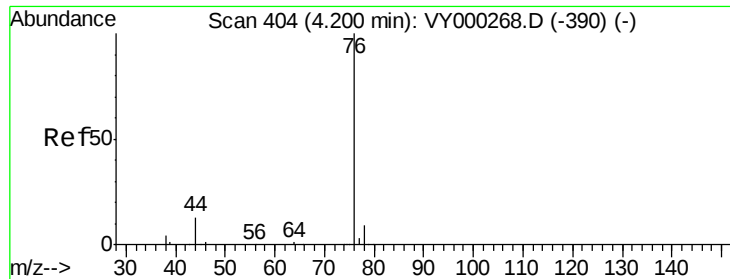
58 32.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

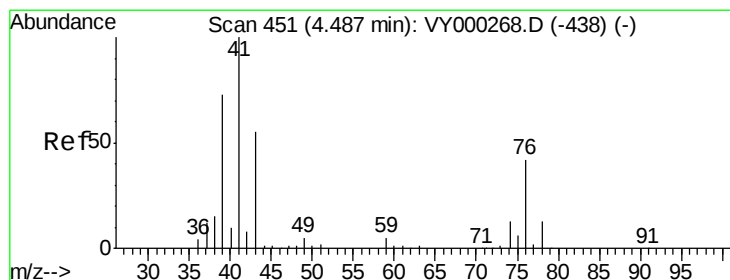
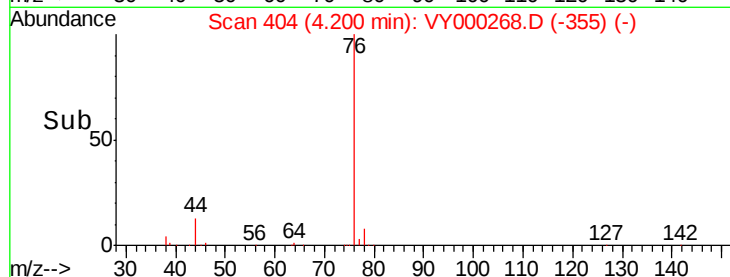
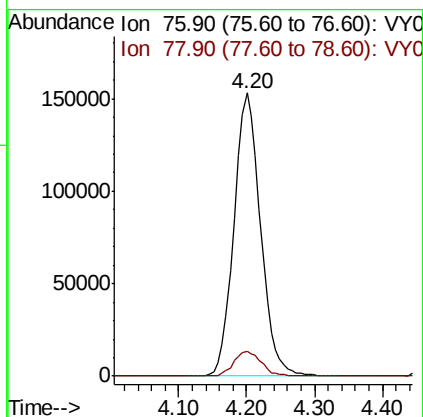
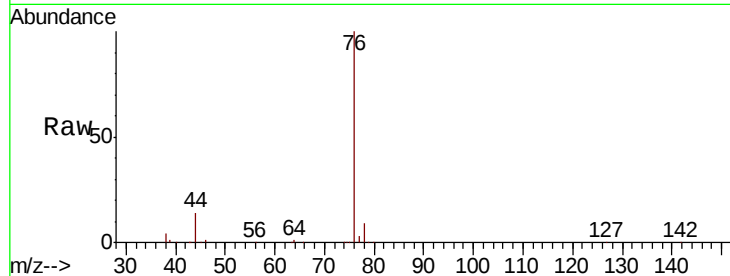




#17
Carbon Disulfide
Concen: 48.012 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

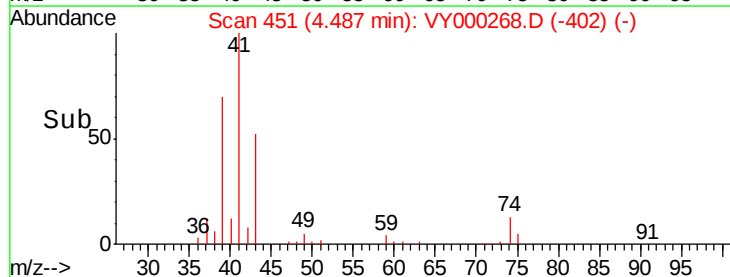
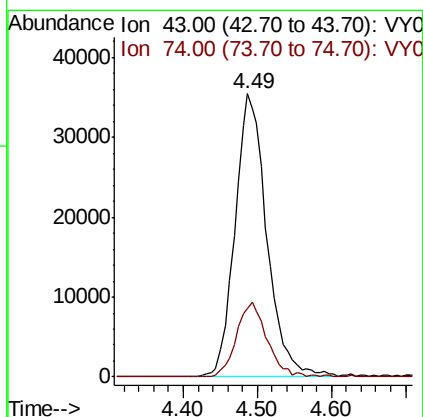
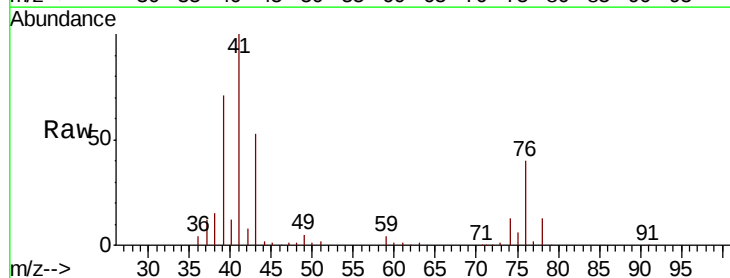
Instrument :
MSVOA_Y
ClientSampleId :

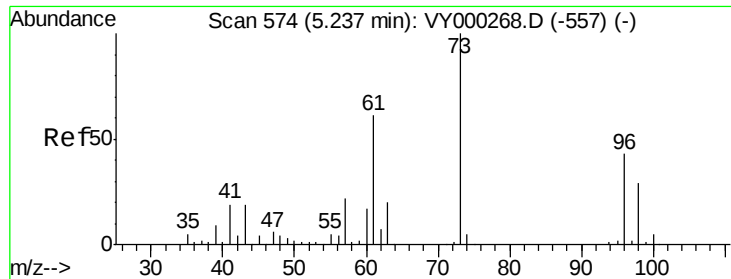
Tot Ion: 76 Resp: 414854
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 46.036 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 43 Resp: 106171
Ion Ratio Lower Upper
43 100
74 25.5 20.4 30.6

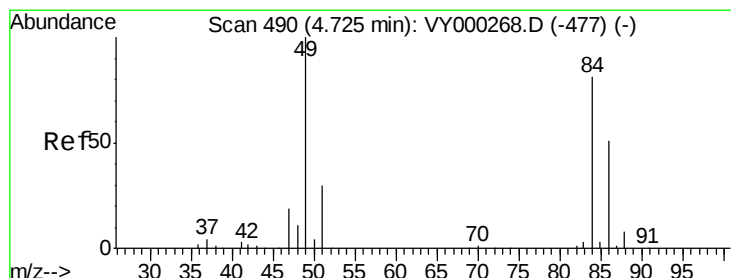
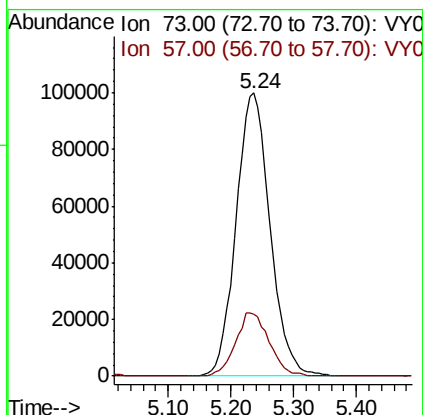
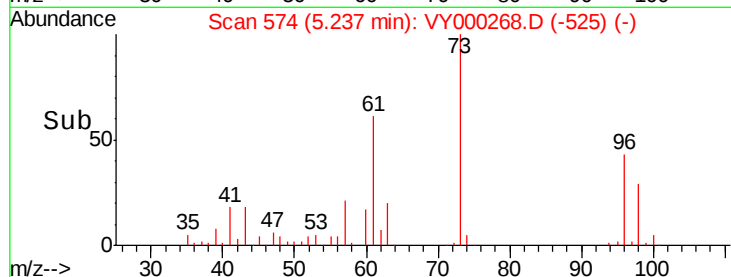
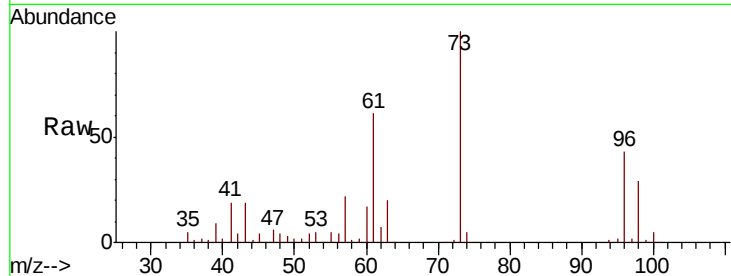




#19
Methyl tert-butyl Ether
Concen: 48.954 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

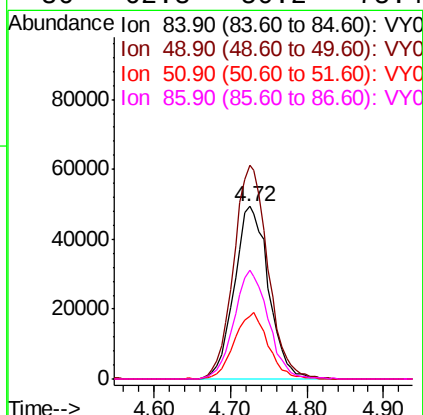
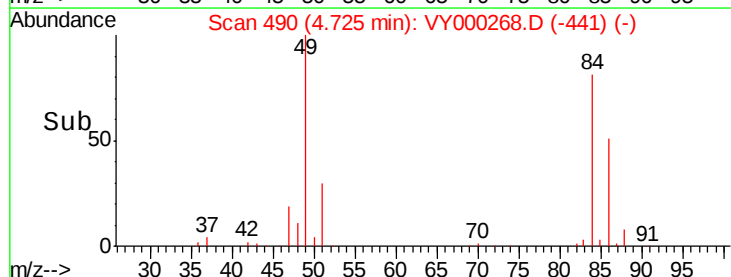
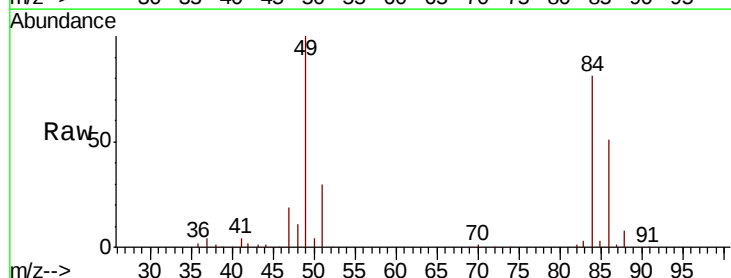
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 373986
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 40.384 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 84 Resp: 153716
Ion Ratio Lower Upper
84 100
49 123.7 99.0 148.4
51 36.6 29.3 43.9
86 62.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.244 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampled :

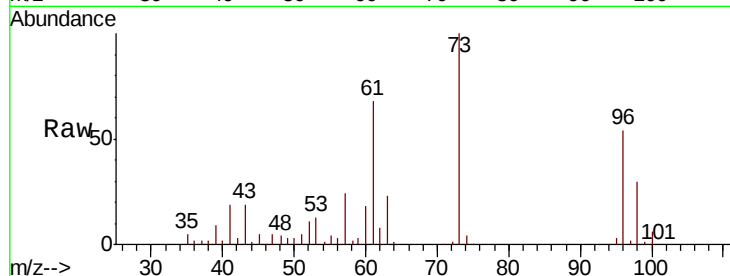
Tot Ion: 96 Resp: 151898

Ion Ratio Lower Upper

96 100

61 125.5 100.4 150.6

98 55.7 44.6 66.8

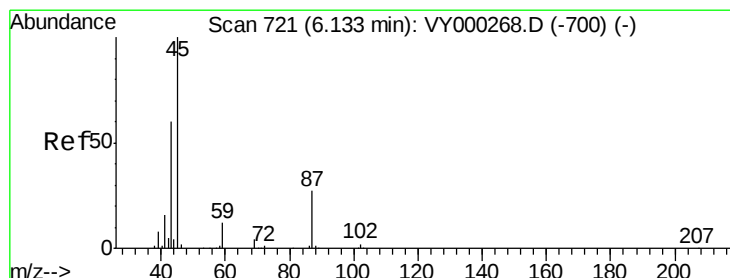
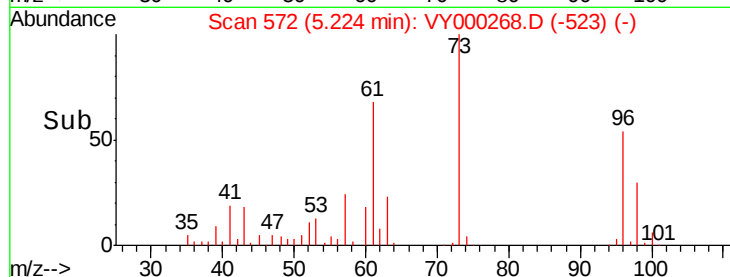
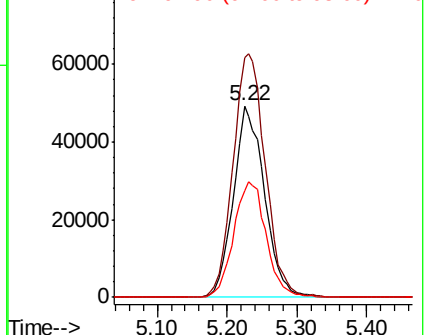


Abundance

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: 49.334 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Tgt Ion: 45 Resp: 474533

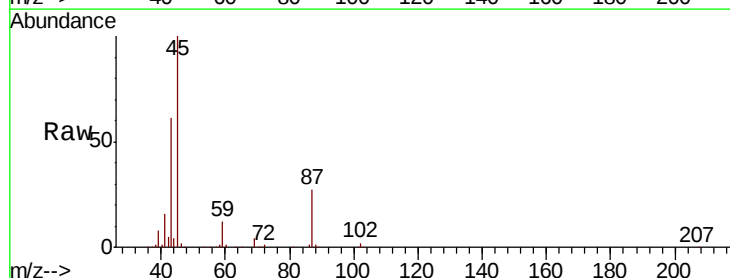
Ion Ratio Lower Upper

45 100

43 60.6 48.5 72.7

87 26.9 21.5 32.3

59 11.7 9.4 14.0



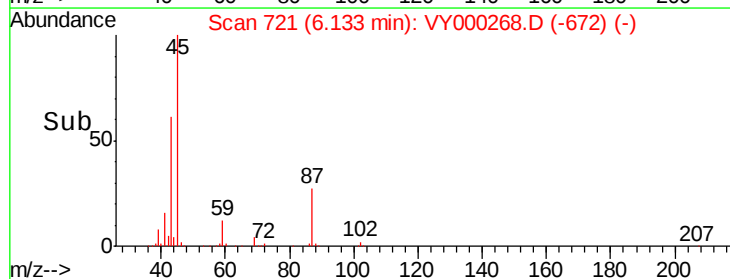
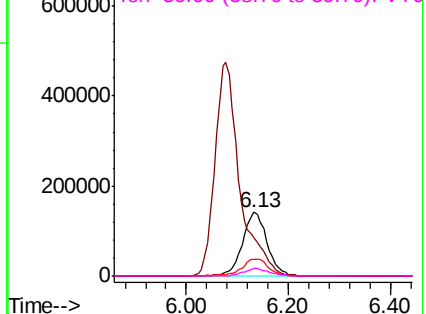
Abundance

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: 255.384 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

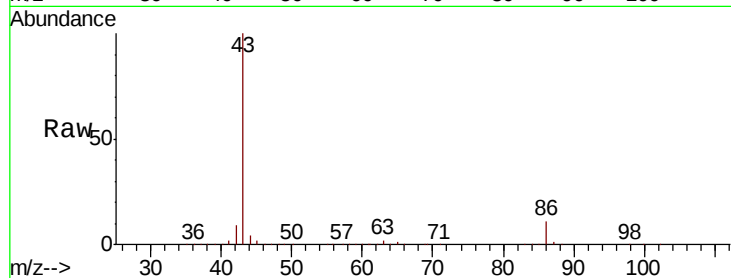
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1602573

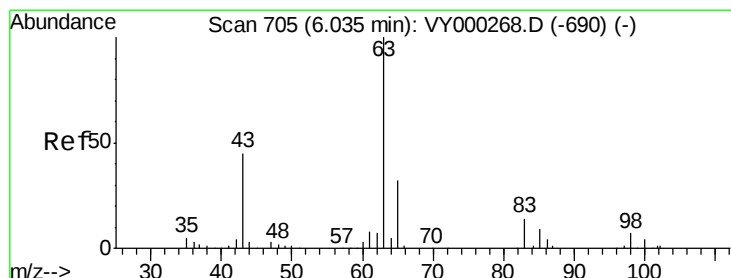
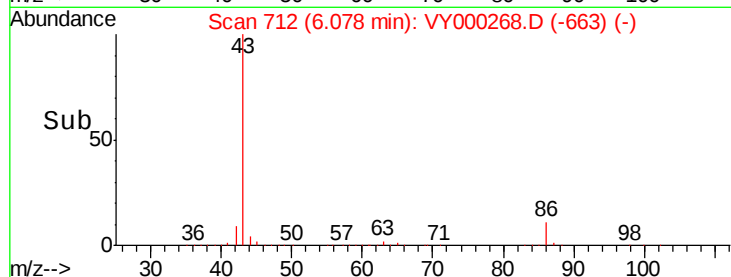
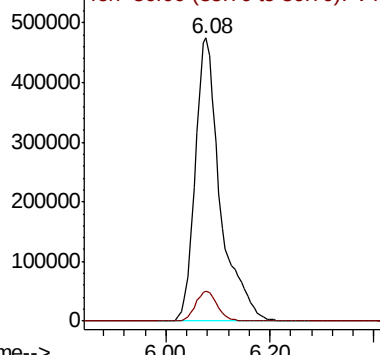
Ion Ratio Lower Upper

43 100

86 10.8 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: 48.980 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

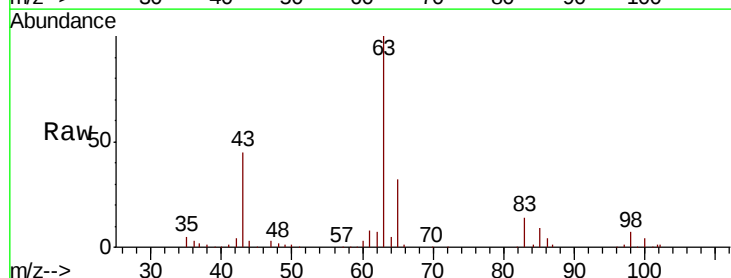
Tgt Ion: 63 Resp: 257159

Ion Ratio Lower Upper

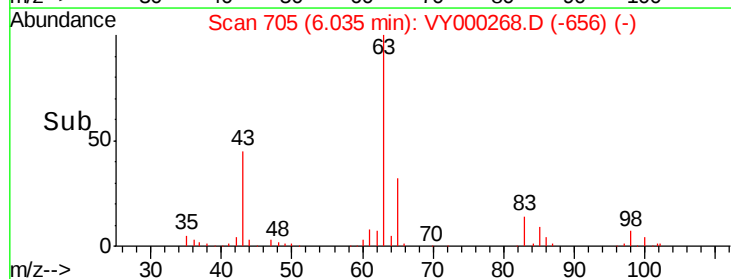
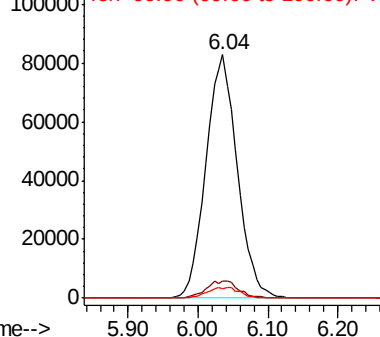
63 100

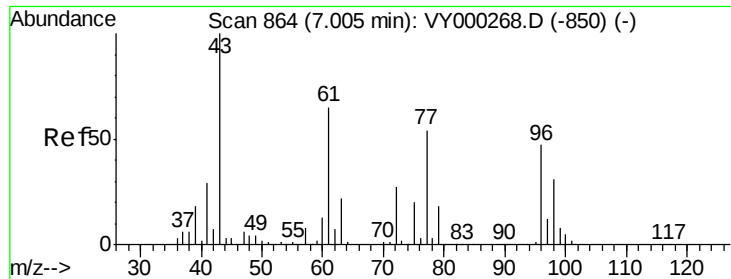
98 6.9 3.5 10.4

100 4.1 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: 260.817 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

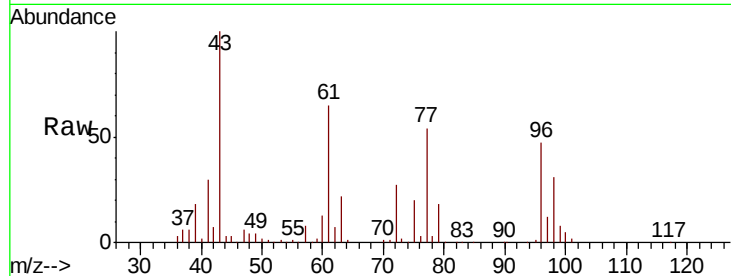
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 341032

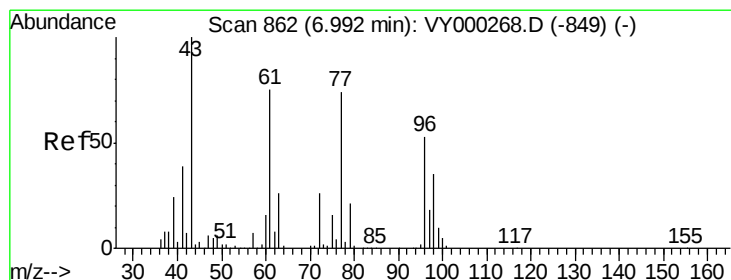
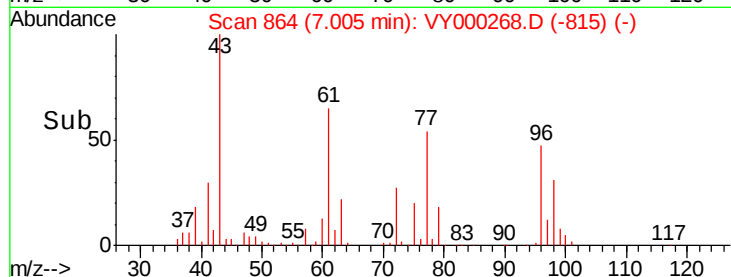
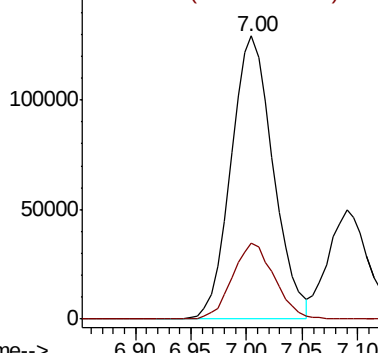
Ion Ratio Lower Upper

43 100

72 26.8 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: 47.942 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000268.D

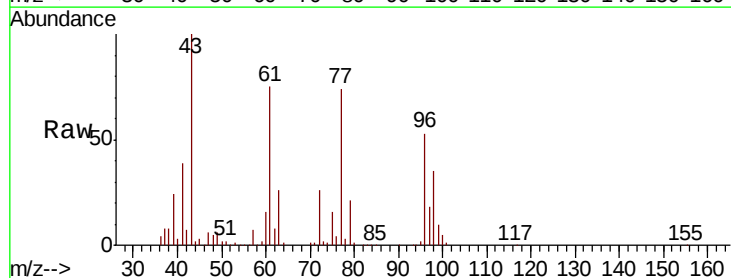
Acq: 11 Oct 2019 13:53

Tgt Ion: 77 Resp: 231939

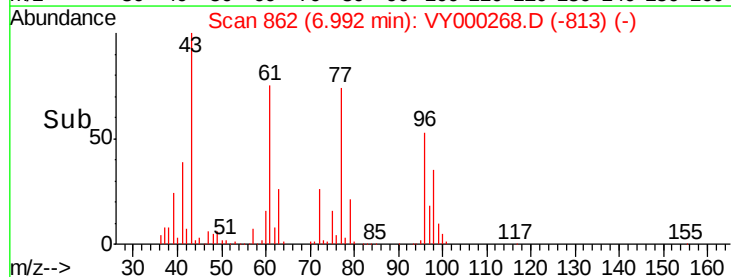
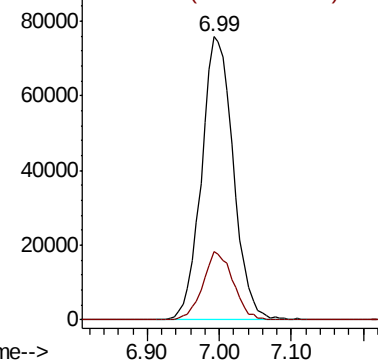
Ion Ratio Lower Upper

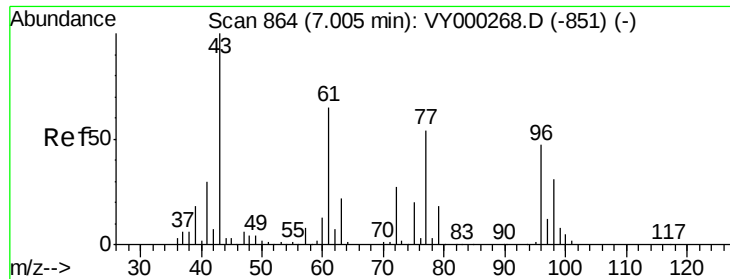
77 100

97 23.1 11.6 34.7



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



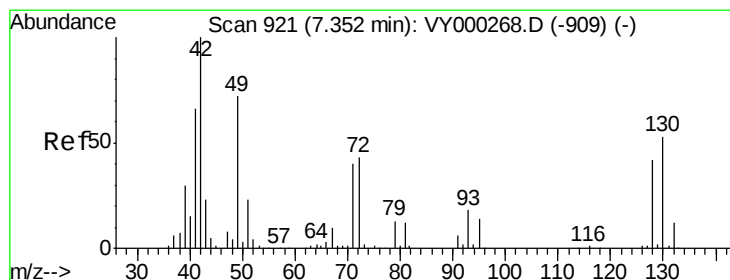
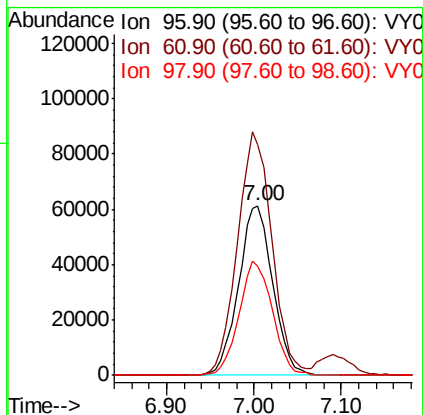
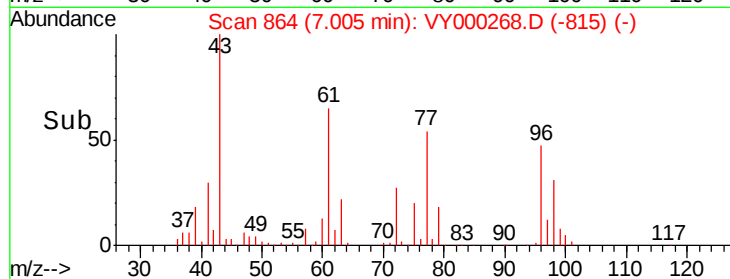
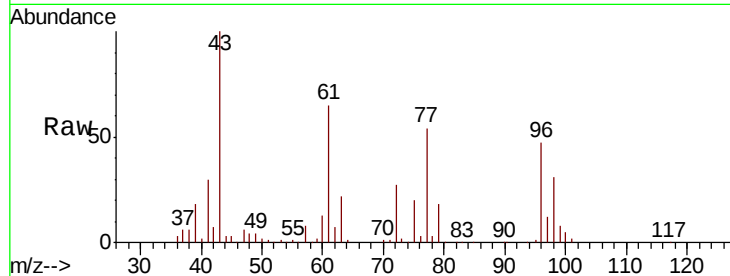


#27

cis-1,2-Dichloroethene
Concen: 48.834 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :

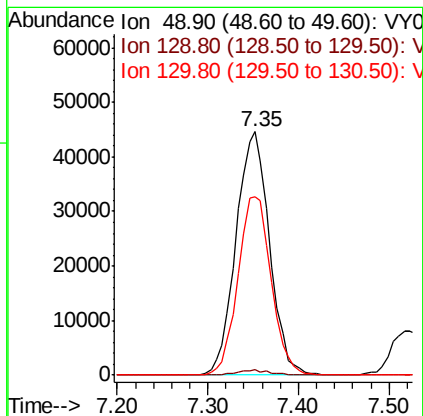
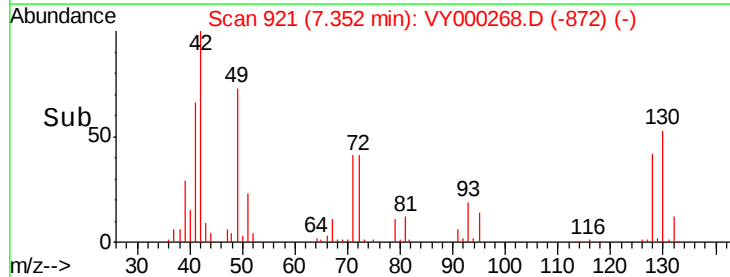
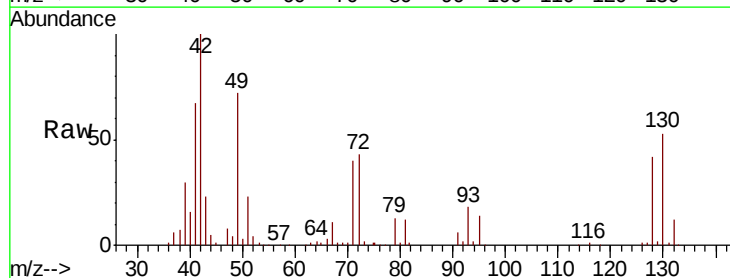
Tot Ion	96	Resp	166377
Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	289.8
98	65.9	0.0	131.8

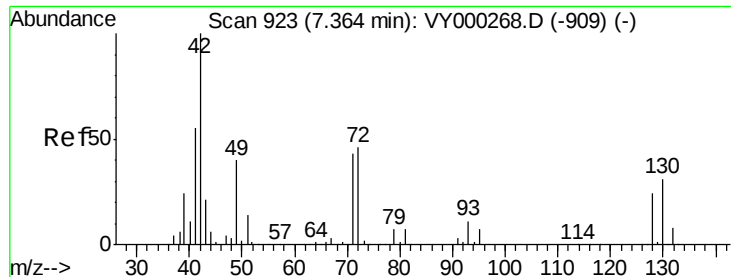


#28

Bromochloromethane
Concen: 50.674 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	49	Resp	114214
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.7	58.2	87.2

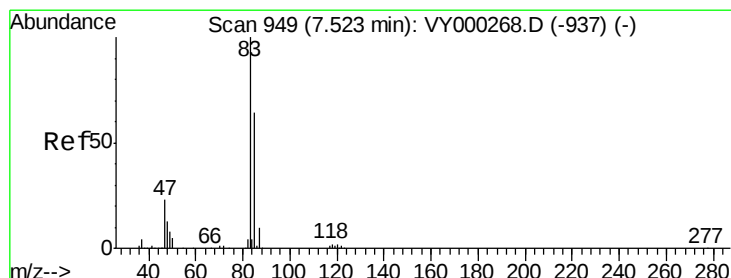
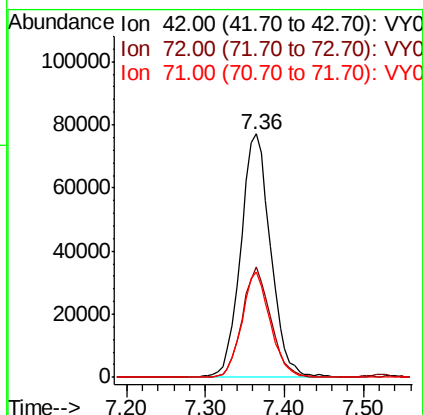
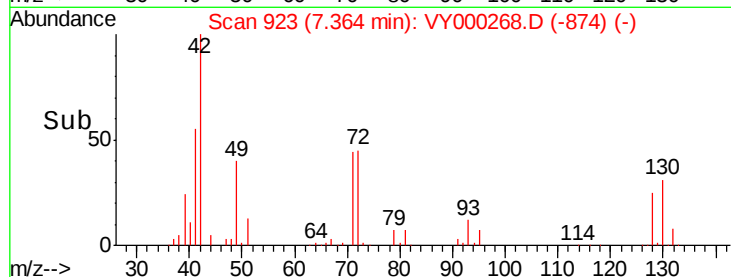
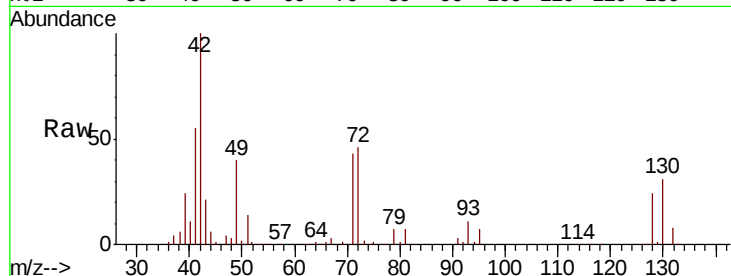




#29
Tetrahydrofuran
Concen: 256.329 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

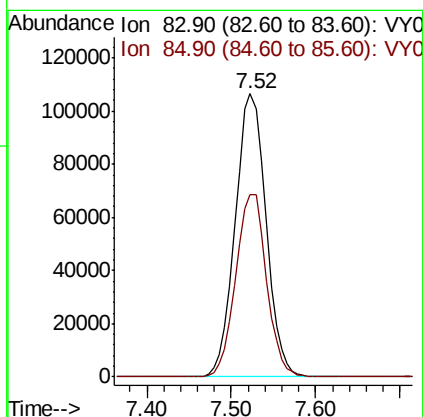
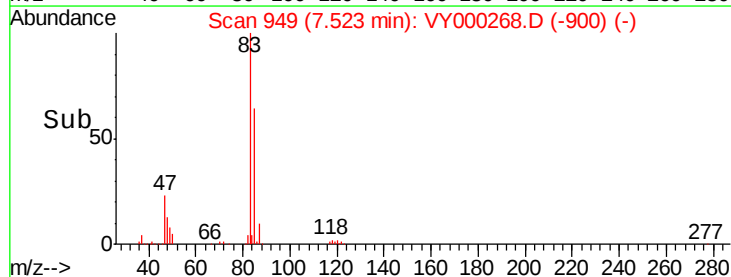
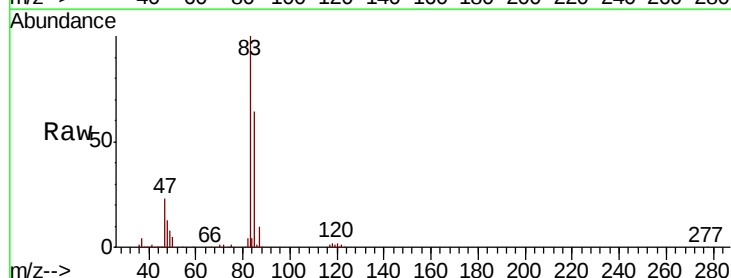
Instrument :
MSVOA_Y
ClientSampleId :

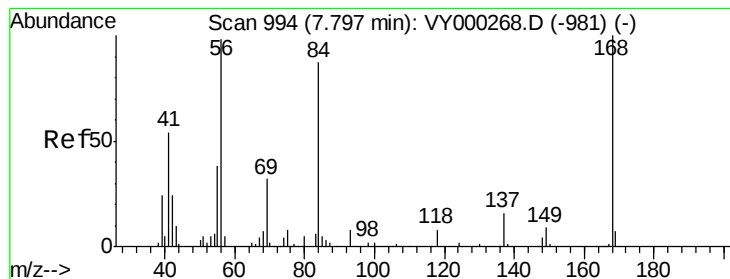
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	40.9	32.7	49.1



#30
Chloroform
Concen: 49.724 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31

Cyclohexane

Concen: 47.128 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampled :

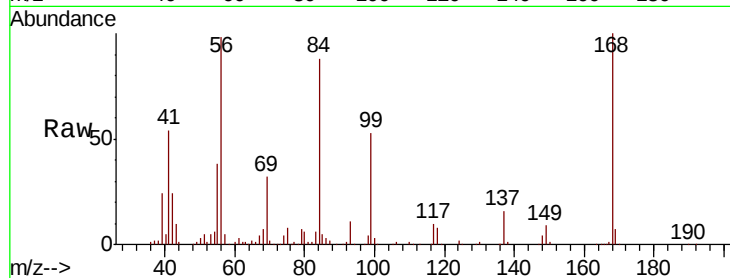
Tot Ion: 56 Resp: 258432

Ion Ratio Lower Upper

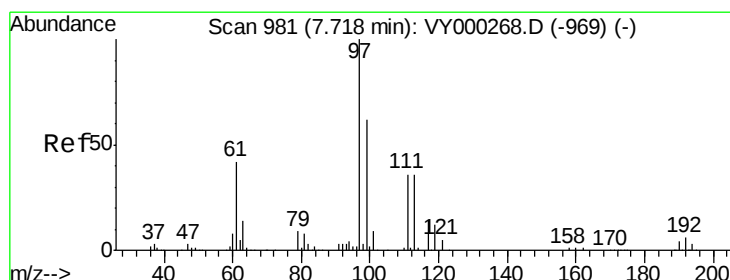
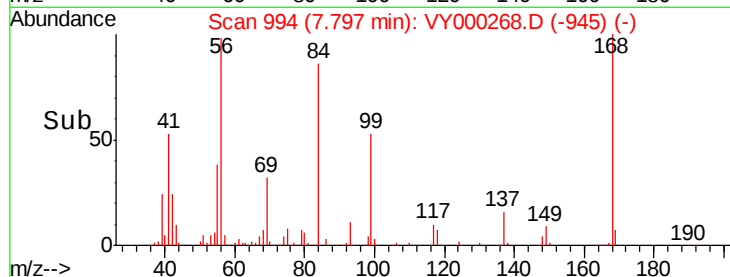
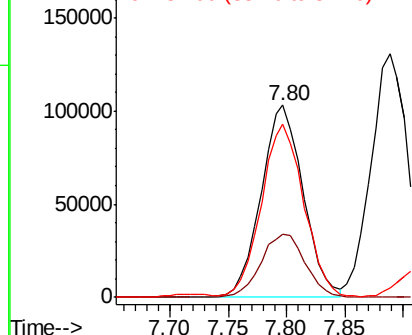
56 100

69 32.9 26.3 39.5

84 88.5 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: 49.974 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

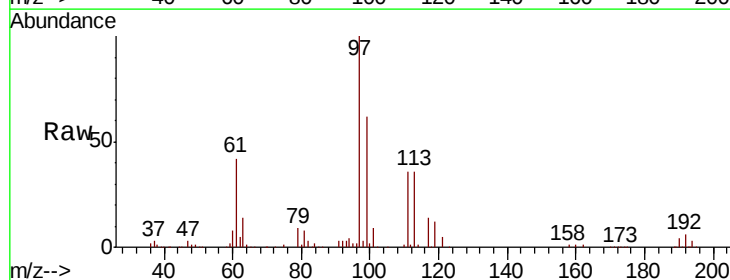
Tgt Ion: 97 Resp: 234915

Ion Ratio Lower Upper

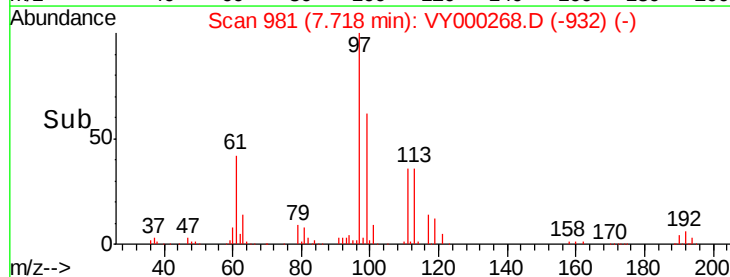
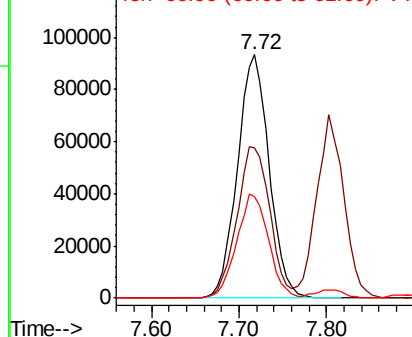
97 100

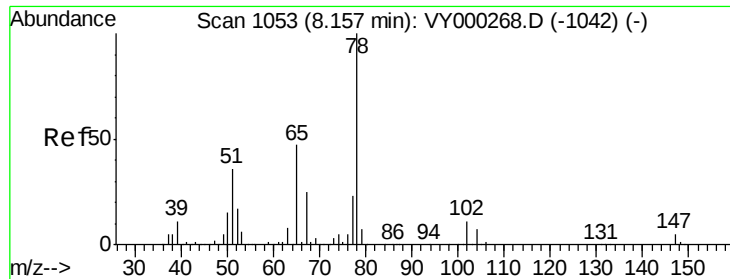
99 64.6 51.7 77.5

61 43.1 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: 51.183 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

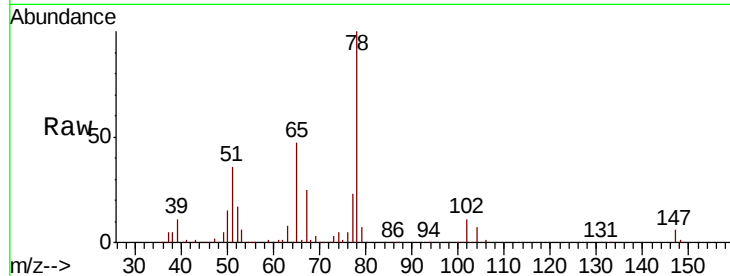
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 146702

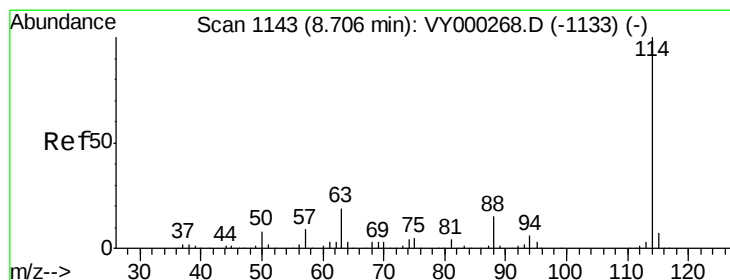
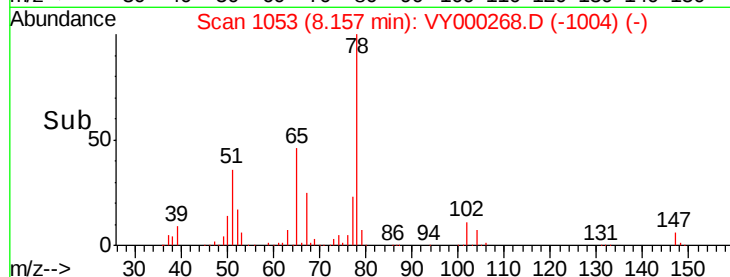
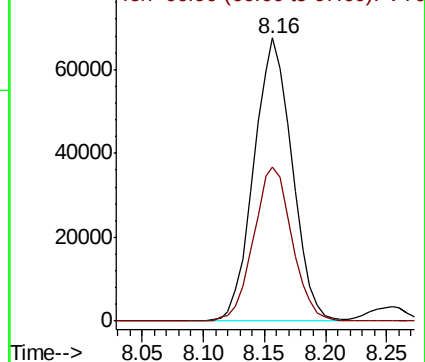
Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

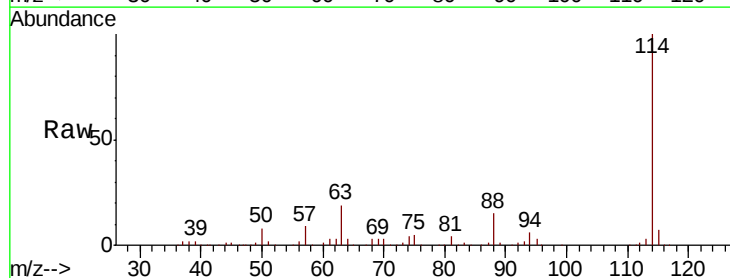
Tgt Ion: 114 Resp: 445261

Ion Ratio Lower Upper

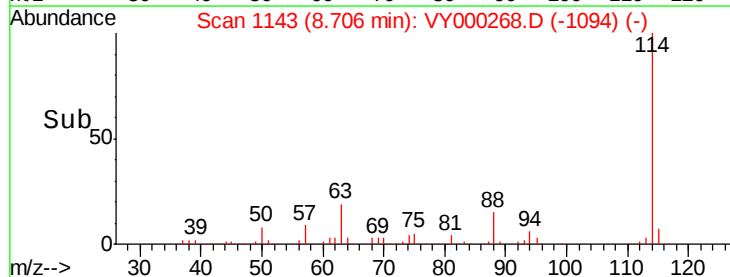
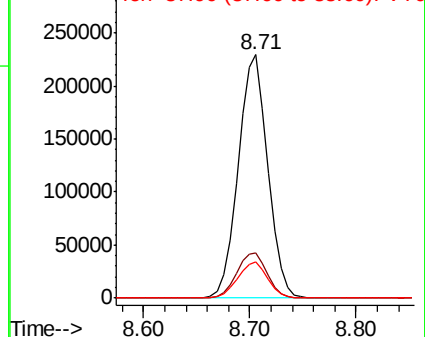
114 100

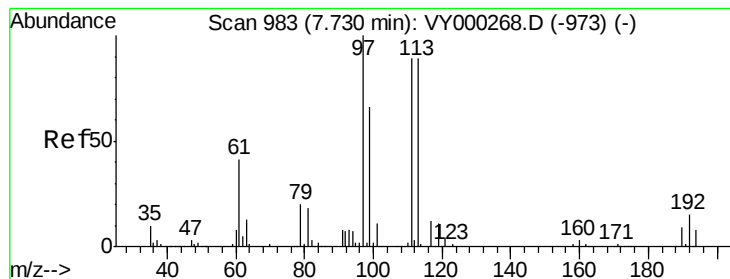
63 18.6 0.0 37.2

88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 49.810 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :

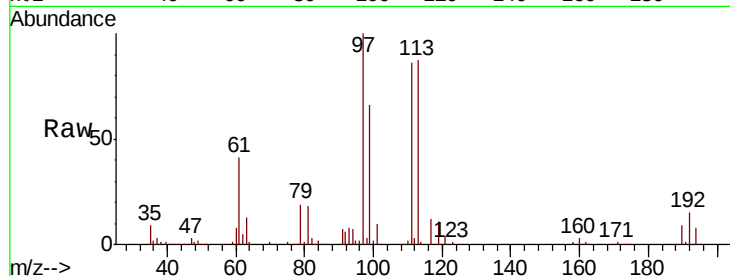
Tot Ion:113 Resp: 133782

Ion Ratio Lower Upper

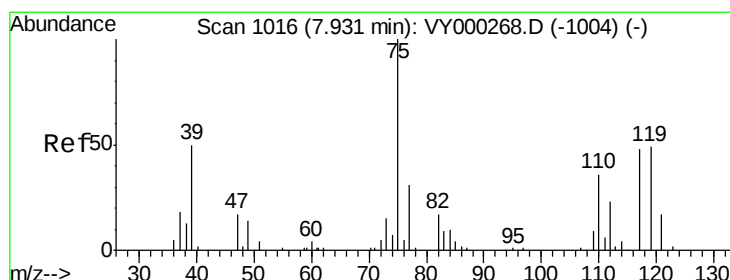
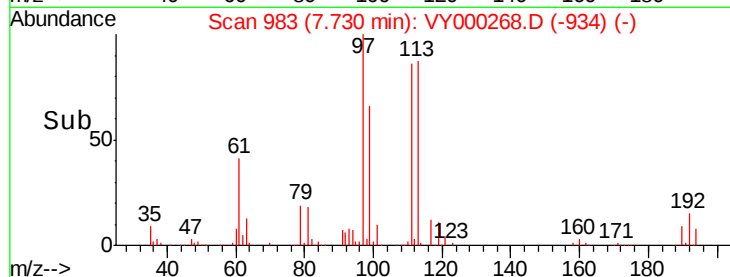
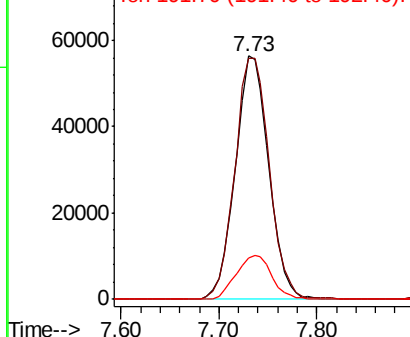
113 100

111 102.0 81.6 122.4

192 19.1 15.3 22.9



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



#36

1,1-Dichloropropene

Concen: 47.810 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

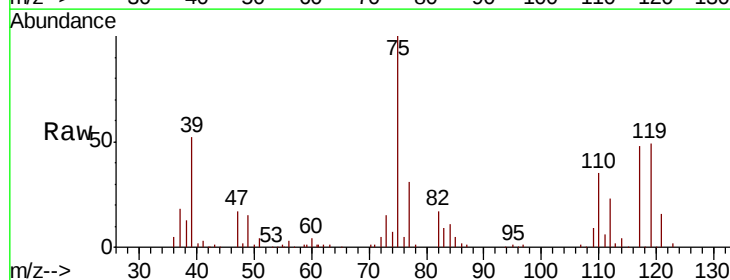
Tgt Ion: 75 Resp: 208424

Ion Ratio Lower Upper

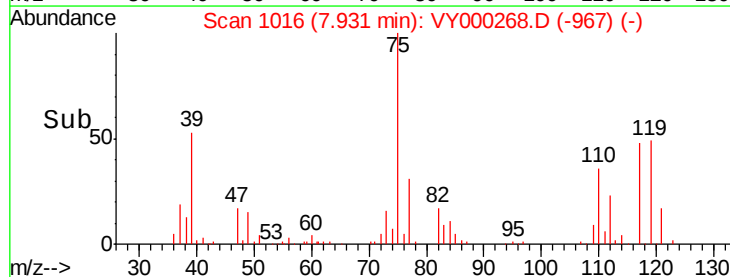
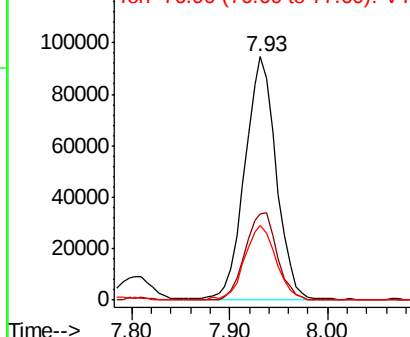
75 100

110 36.9 18.4 55.4

77 31.3 25.0 37.6



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

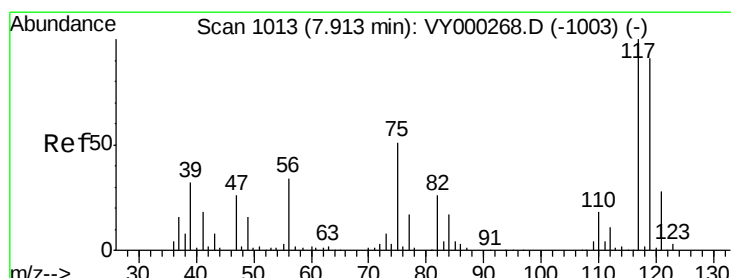
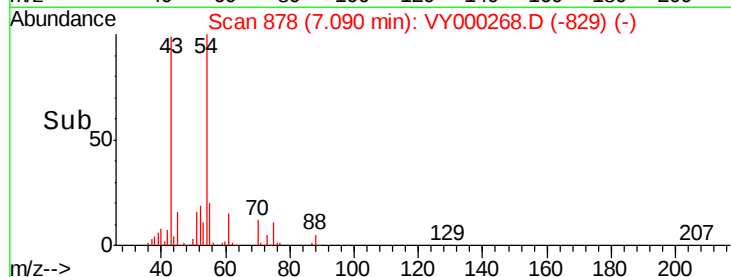
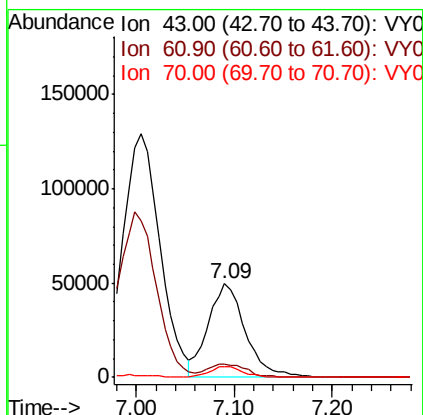
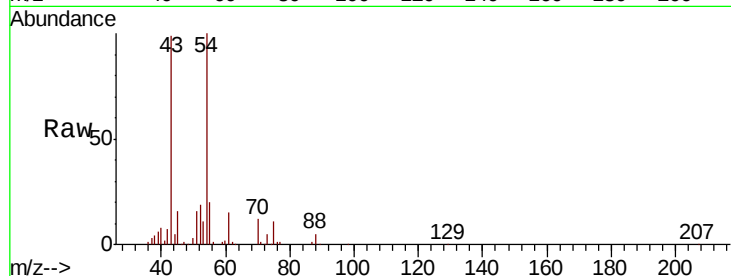




#37
Ethyl Acetate
Concen: 50.395 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

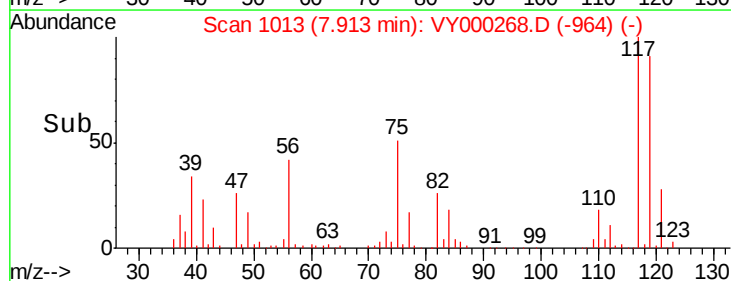
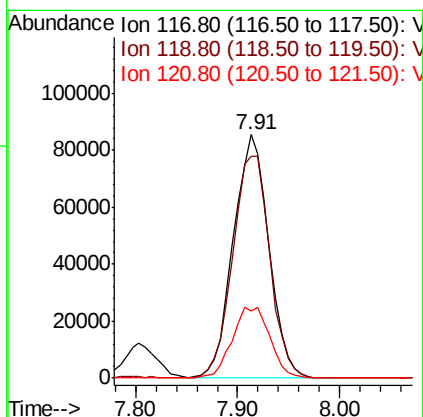
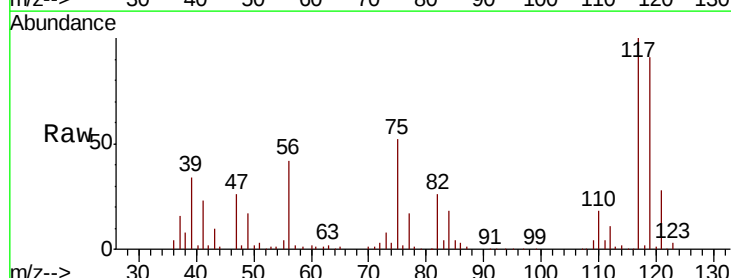
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 130084
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.995 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 117 Resp: 206805
Ion Ratio Lower Upper
117 100
119 91.0 72.8 109.2
121 27.7 22.2 33.2

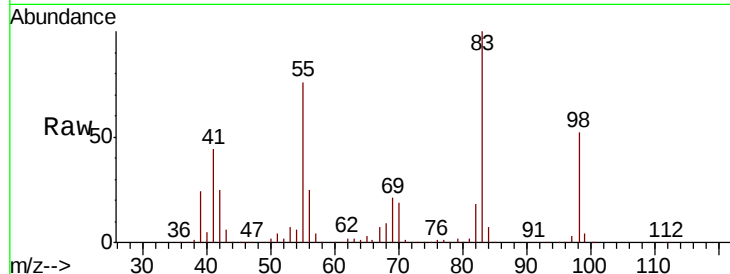




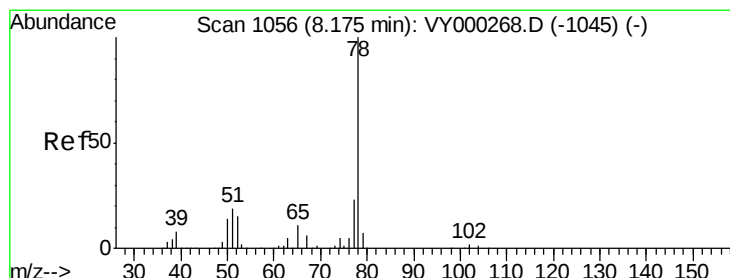
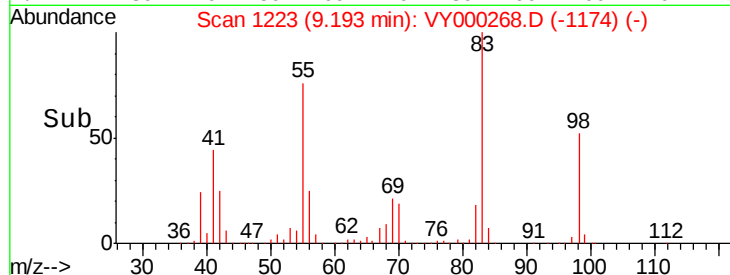
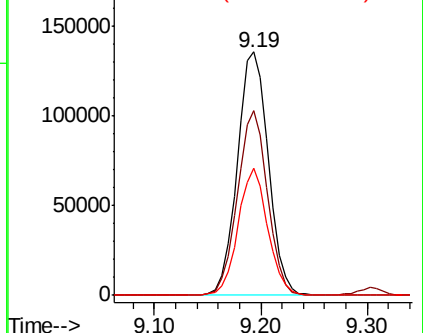
#39
Methylcyclohexane
Concen: 48.778 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	278308
Ion Ratio	100	Lower	Upper
55	76.1	60.9	91.3
98	52.2	41.8	62.6

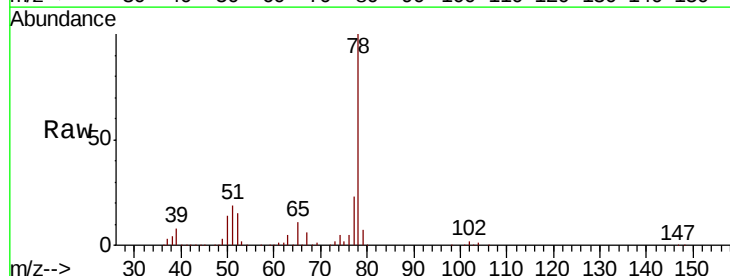


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

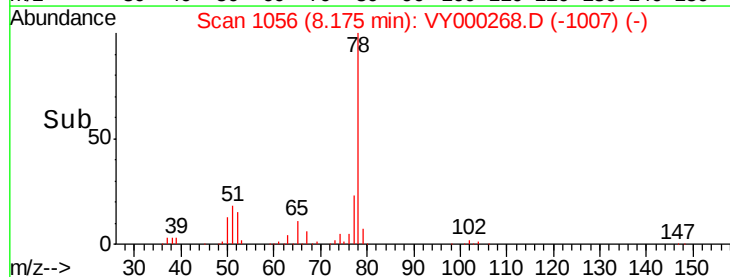
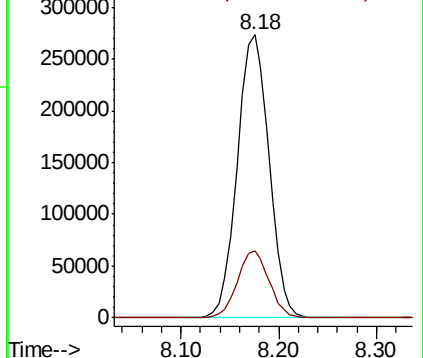


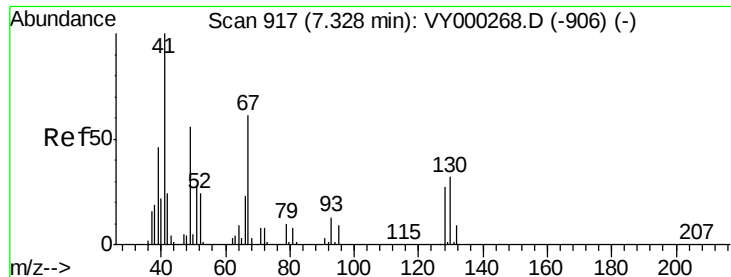
#40
Benzene
Concen: 48.880 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	78	Resp	615796
Ion Ratio	100	Lower	Upper
77	23.5	18.8	28.2



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

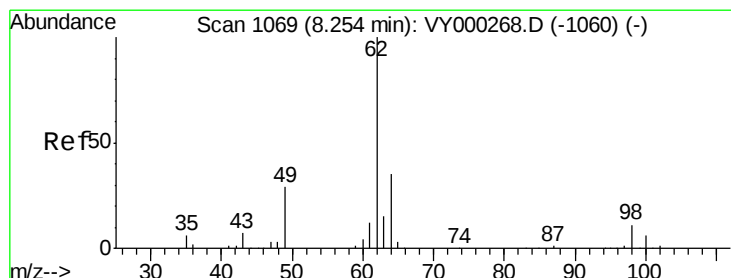
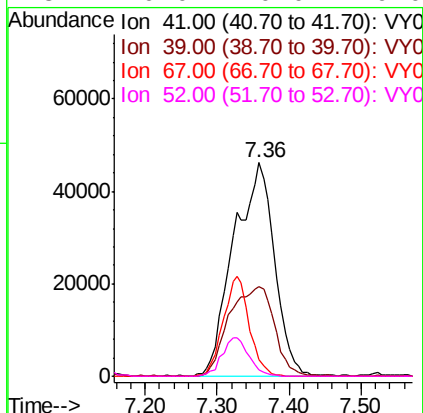
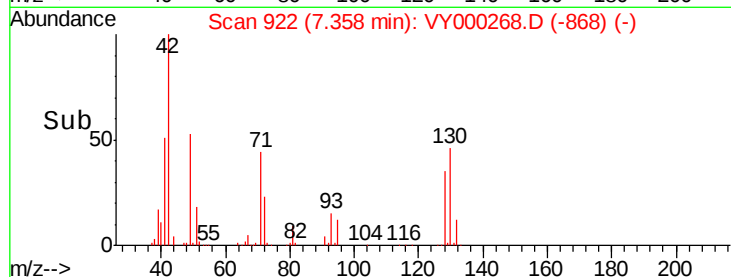
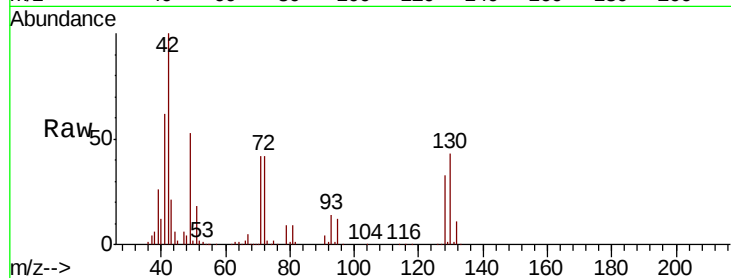




#41
Methacrylonitrile
Concen: 160.852 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

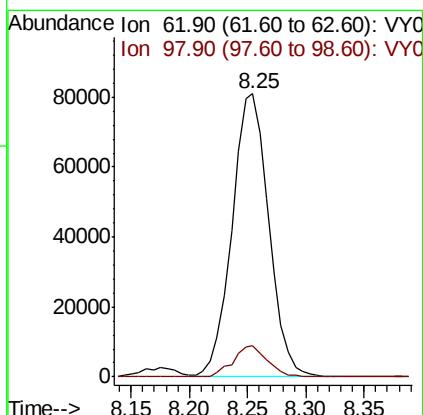
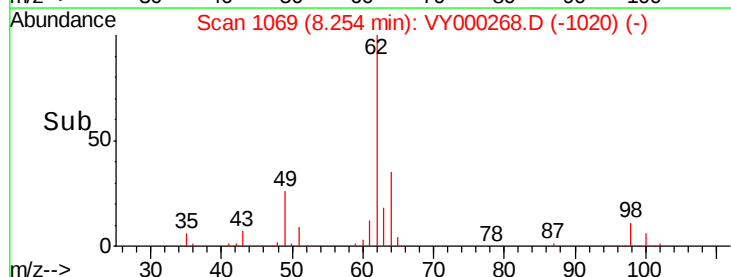
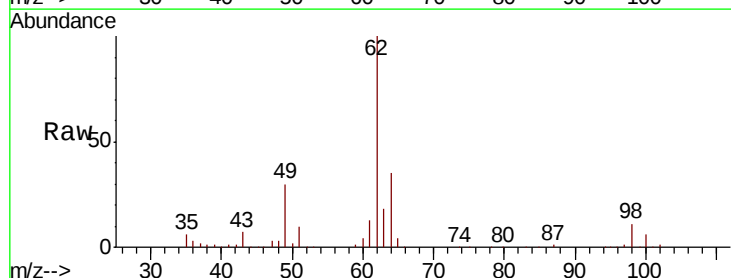
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 182370
Ion Ratio Lower Upper
41 100
39 46.2 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.263 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 62 Resp: 177280
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6





#43

Isopropyl Acetate

Concen: 50.771 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

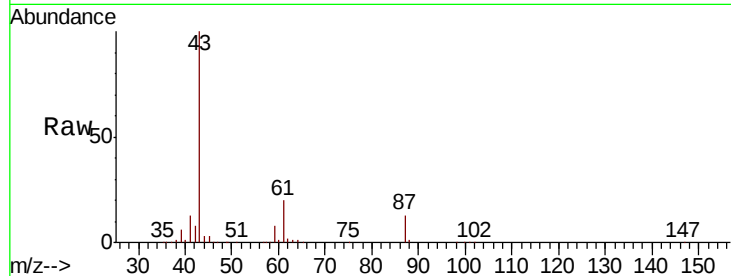
Tot Ion: 43 Resp: 249189

Ion Ratio Lower Upper

43 100

61 27.9 22.3 33.5

87 13.6 10.9 16.3

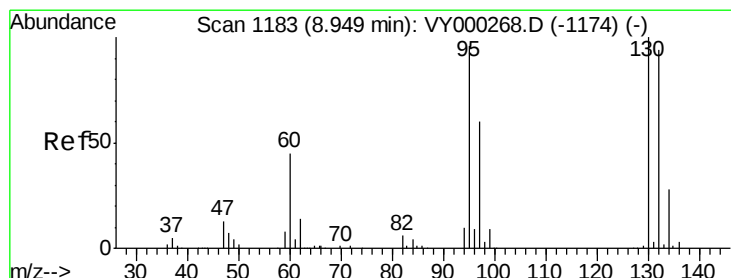
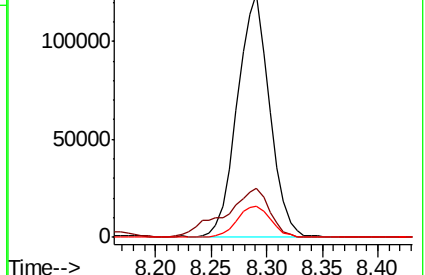
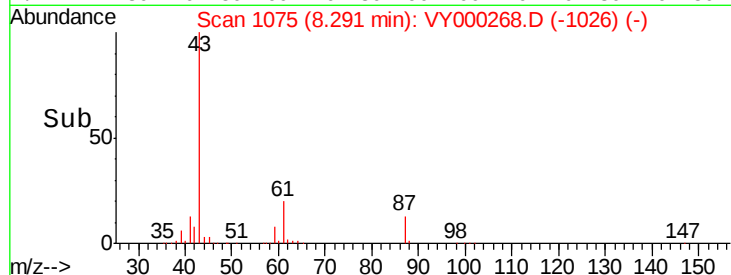


Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1065) (-)

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

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

8.29



#44

Trichloroethene

Concen: 49.151 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000268.D

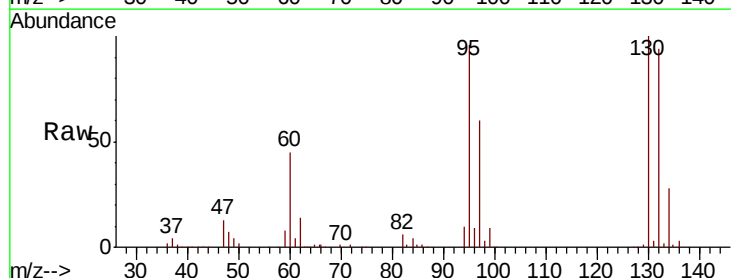
Acq: 11 Oct 2019 13:53

Tgt Ion:130 Resp: 173741

Ion Ratio Lower Upper

130 100

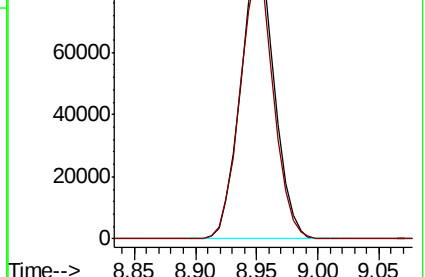
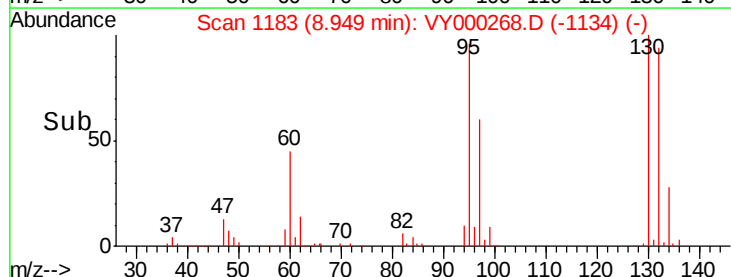
95 95.7 0.0 191.4

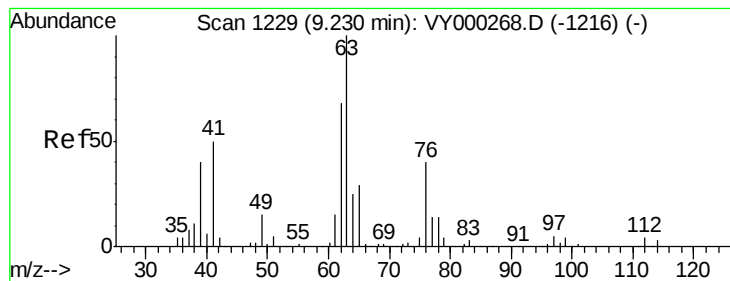


Abundance Ion 129.80 (129.50 to 130.50): VY000268.D (-1174) (-)

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

8.95





#45

1,2-Dichloropropane

Concen: 49.691 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

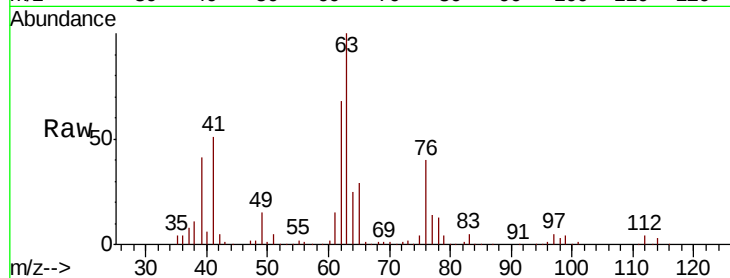
ClientSampled :

Tot Ion: 63 Resp: 153626

Ion Ratio Lower Upper

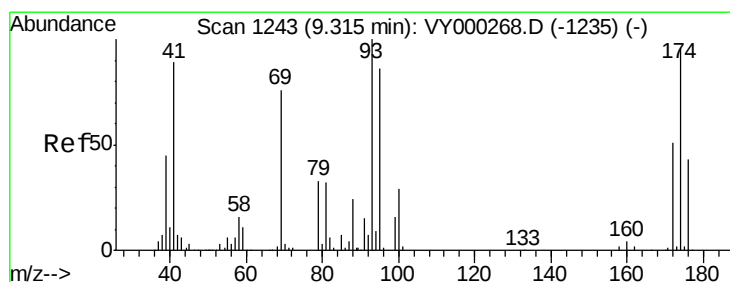
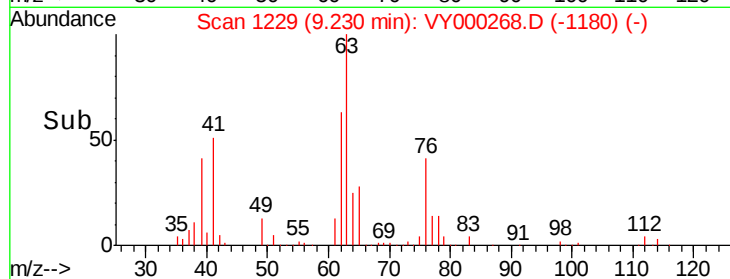
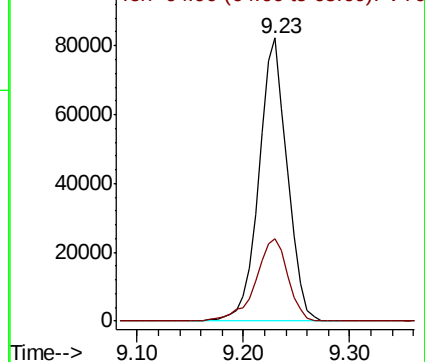
63 100

65 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.205 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

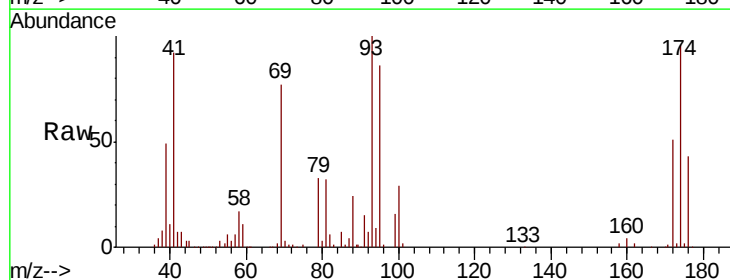
Tgt Ion: 93 Resp: 85040

Ion Ratio Lower Upper

93 100

95 85.2 68.2 102.2

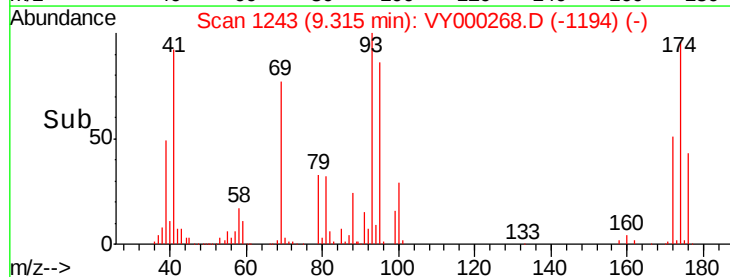
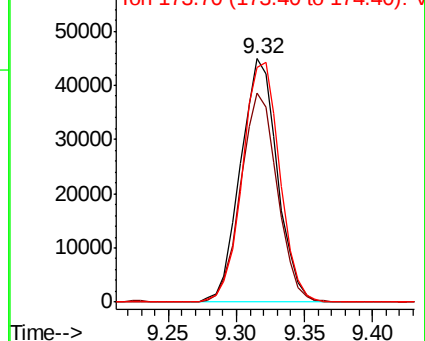
174 99.7 79.8 119.6

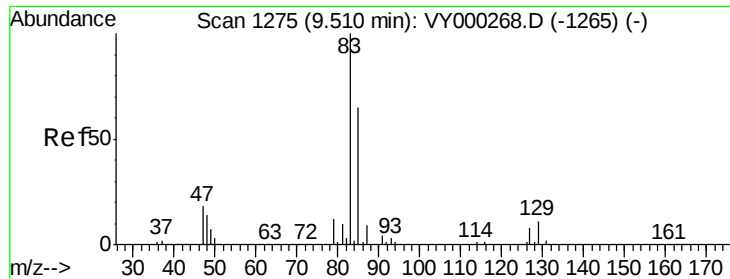


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

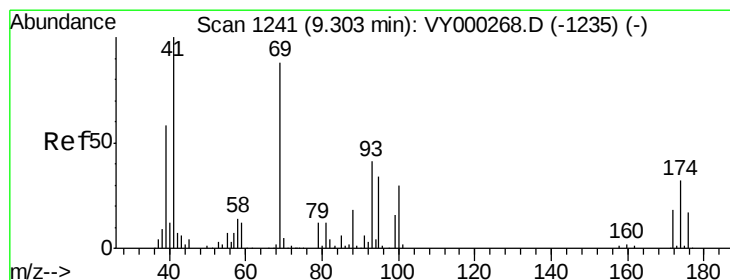
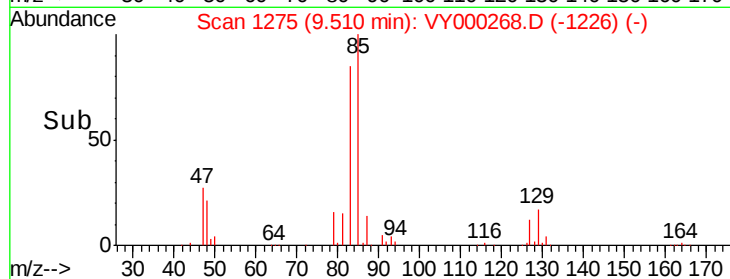
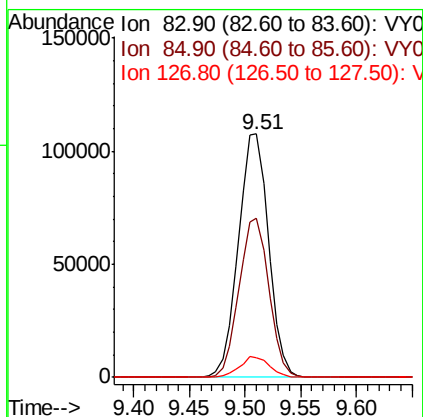
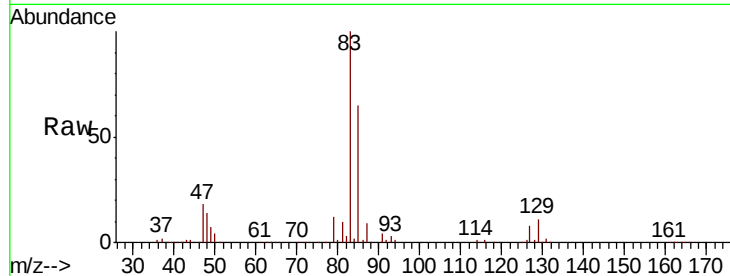




#47
Bromodichloromethane
Concen: 49.764 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

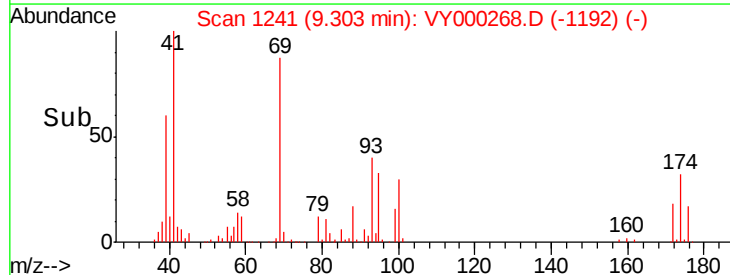
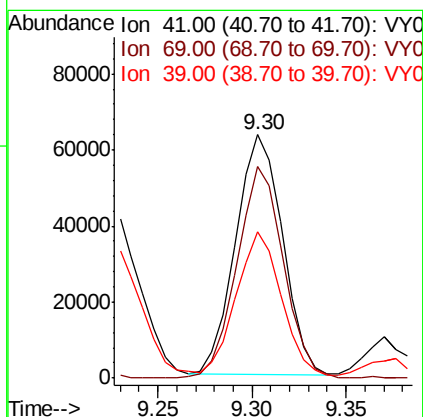
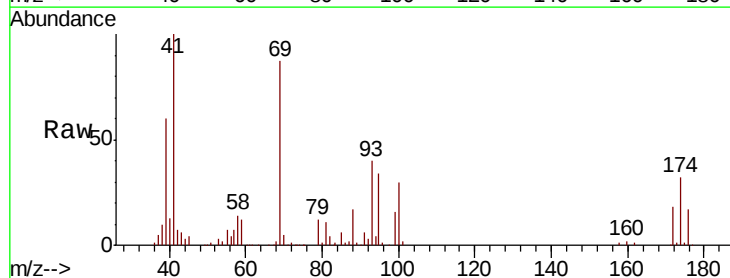
Instrument :
MSVOA_Y
ClientSampled :

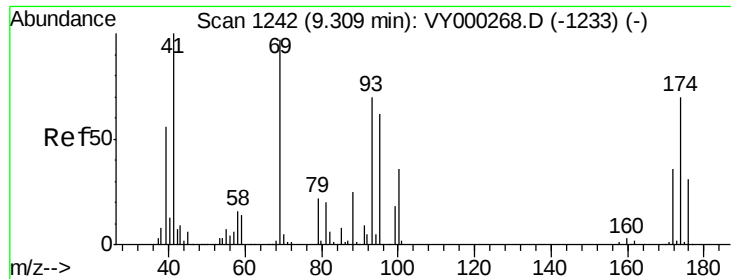
Tot Ion	83	Resp	202691
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.2	78.2
127	7.9	6.3	9.5



#48
Methyl methacrylate
Concen: 50.882 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	41	Resp	109446
Ion Ratio	Lower	Upper	
41	100		
69	87.5	70.0	105.0
39	59.6	47.7	71.5

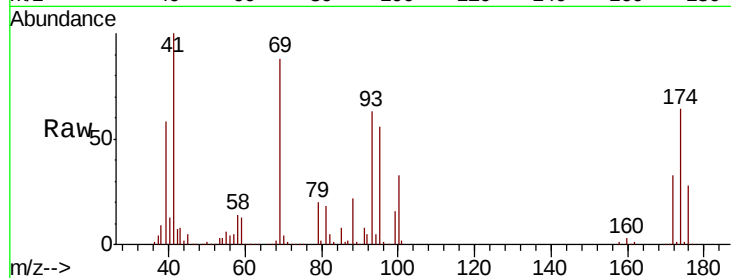




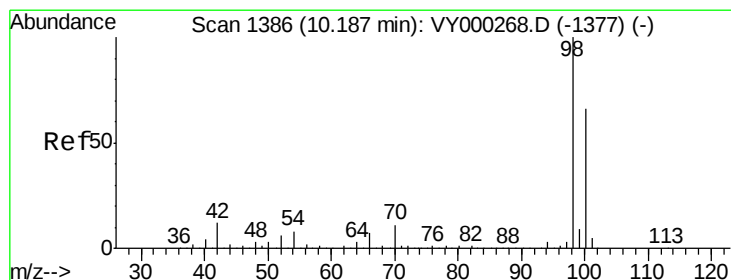
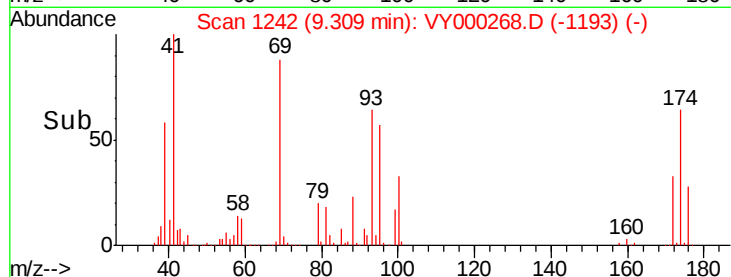
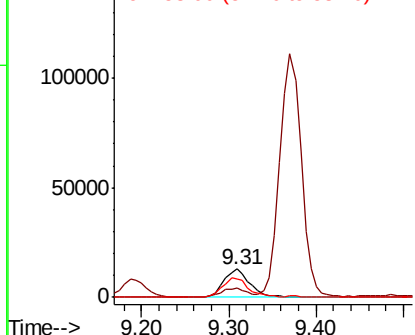
#49
 1,4-Dioxane
 Concen: 1033.289 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 88 Resp: 26776
 Ion Ratio Lower Upper
 88 100
 43 32.0 25.6 38.4
 58 68.2 54.6 81.8

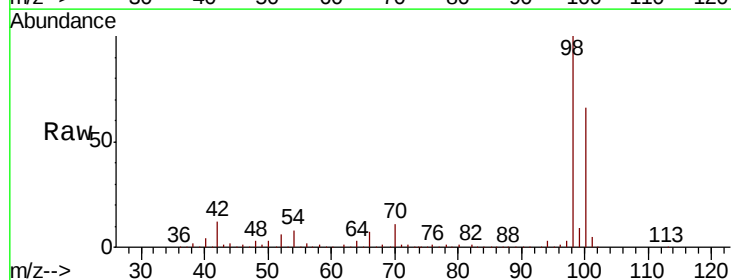


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

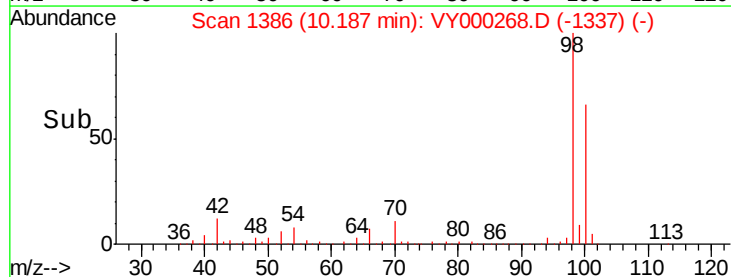
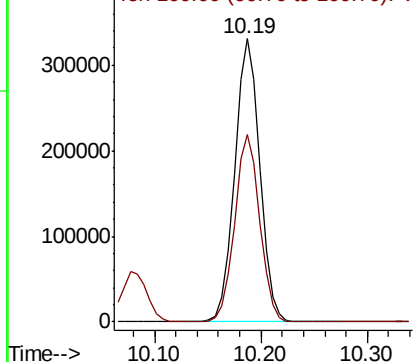


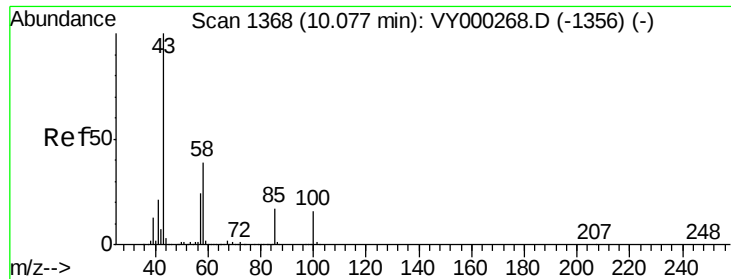
#50
 Toluene-d8
 Concen: 52.930 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion: 98 Resp: 546861
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.8 79.2



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

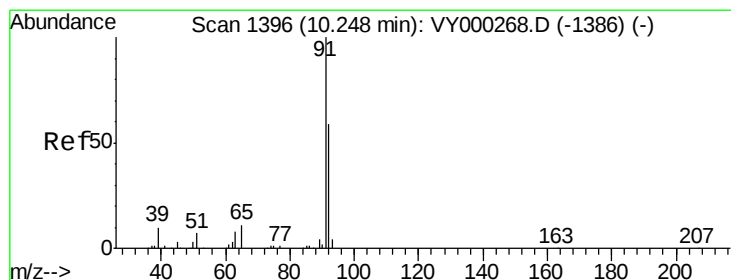
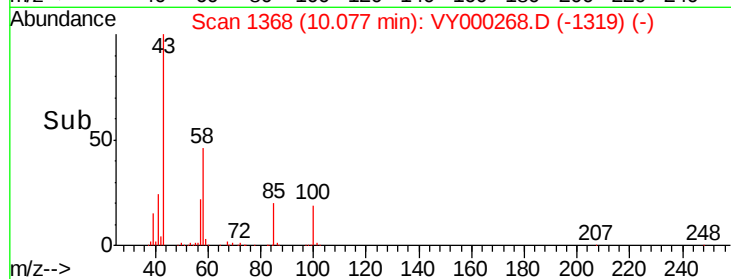
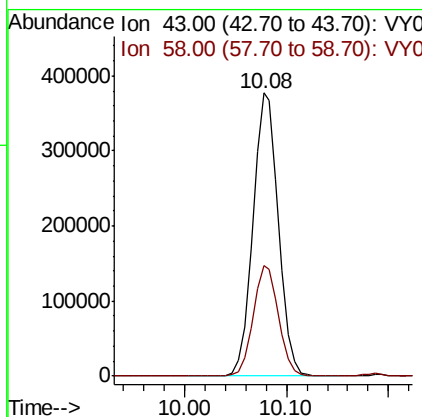
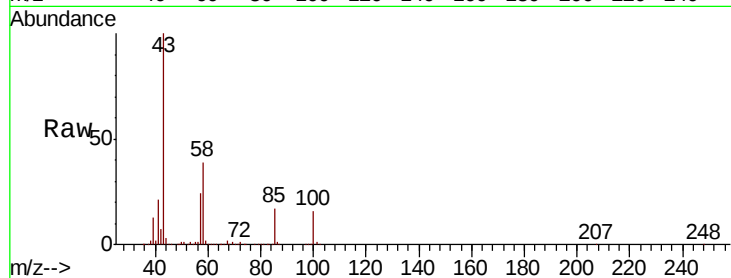




#51
4-Methyl-2-Pentanone
Concen: 258.884 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

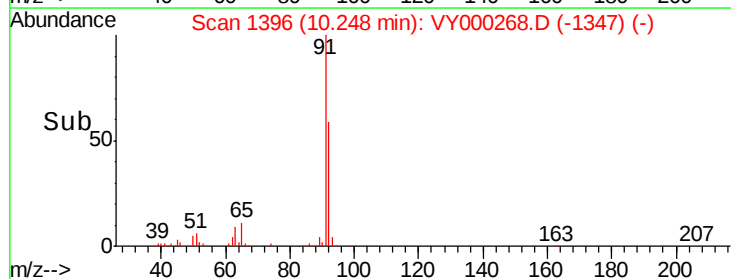
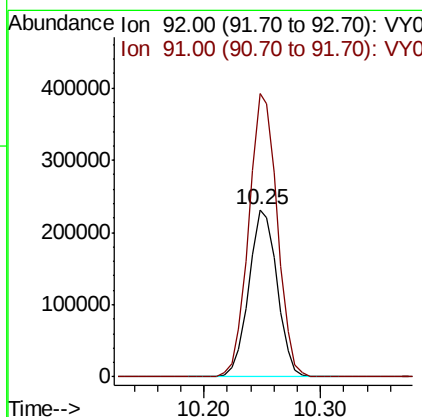
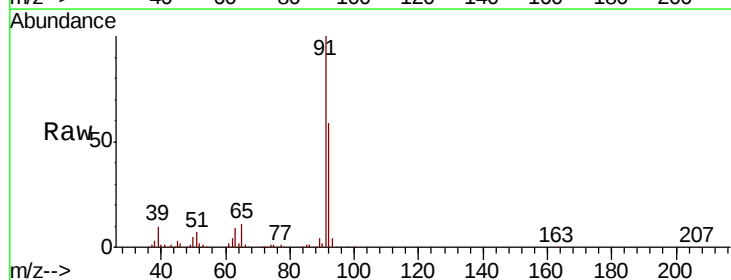
Instrument :
MSVOA_Y
ClientSampleId :

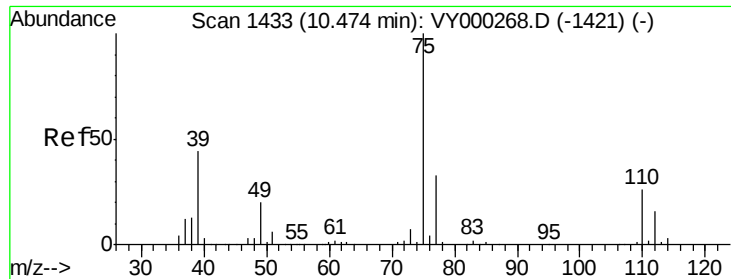
Tot Ion: 43 Resp: 655356
Ion Ratio Lower Upper
43 100
58 38.8 31.0 46.6



#52
Toluene
Concen: 49.115 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 92 Resp: 392847
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 50.377 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

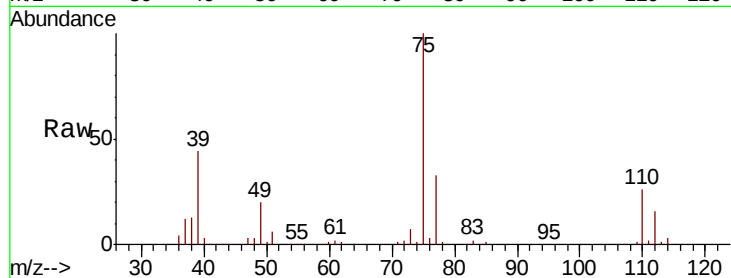
ClientSampleId :

Tot Ion: 75 Resp: 219899

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

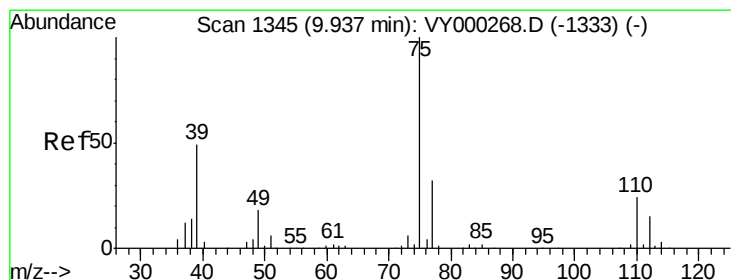
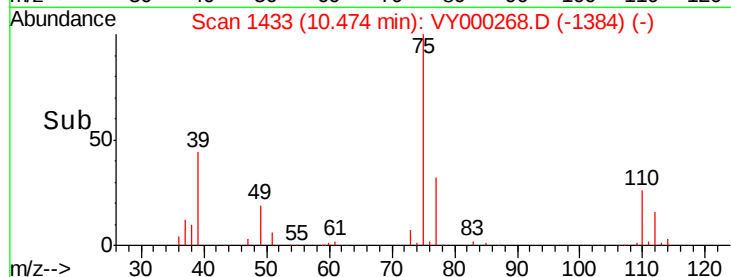
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.585 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

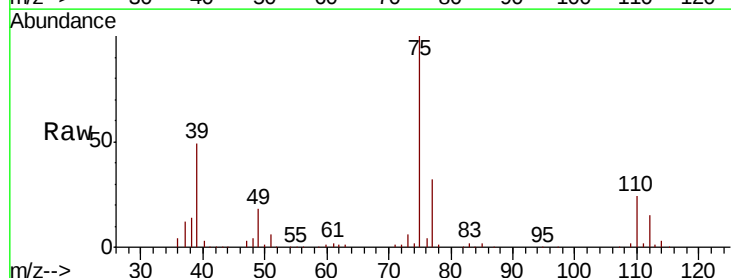
Tgt Ion: 75 Resp: 250758

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

39 48.5 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

200000

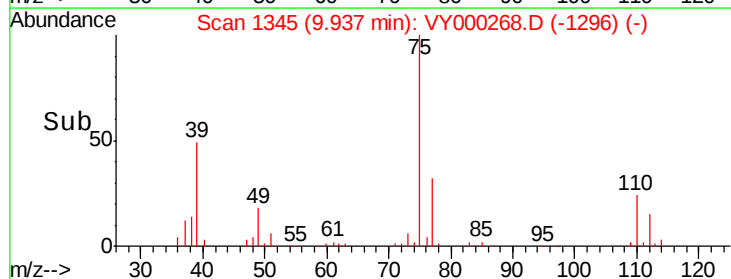
150000

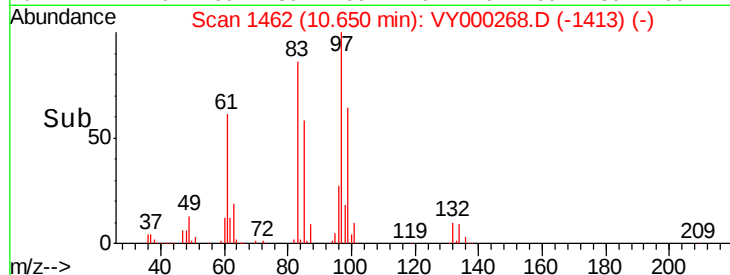
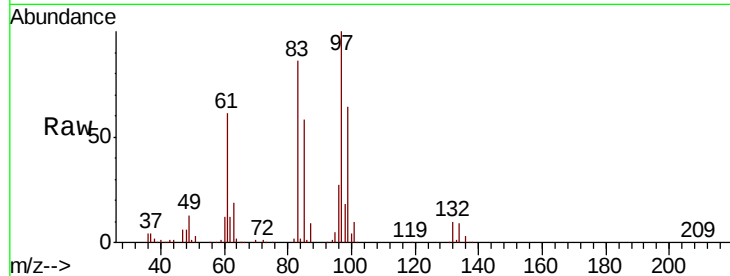
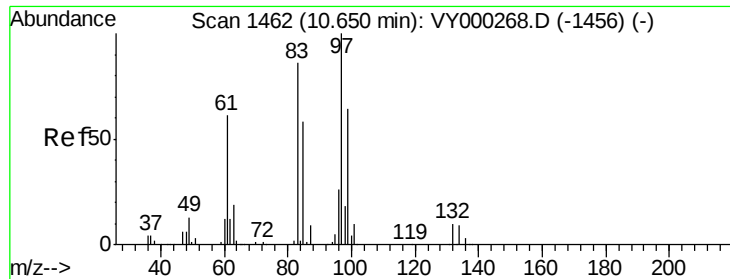
100000

50000

0

Time-->

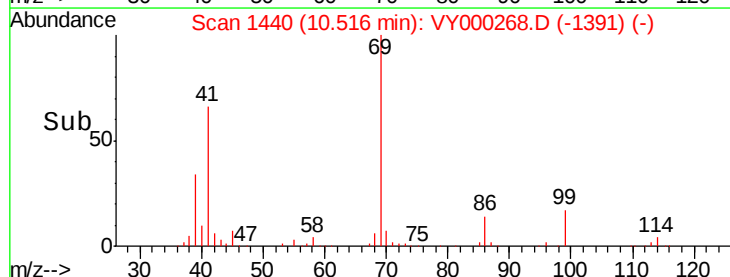
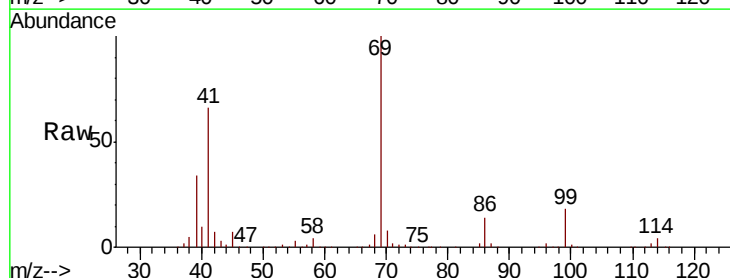
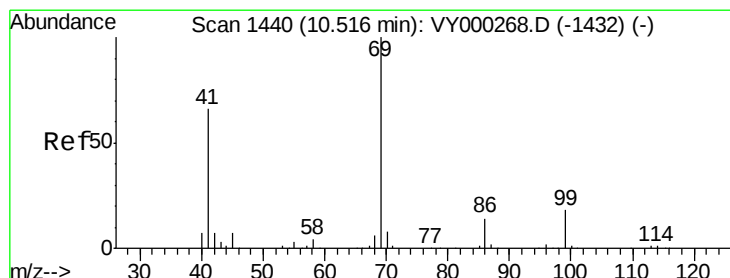
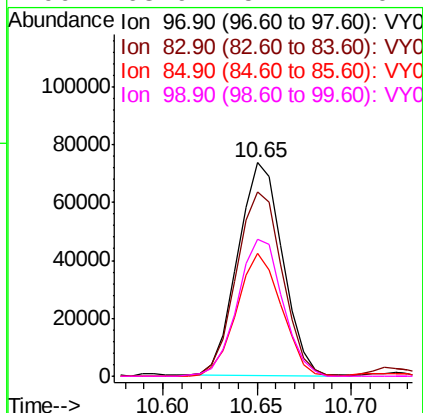




#55
1,1,2-Trichloroethane
Concen: 48.473 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

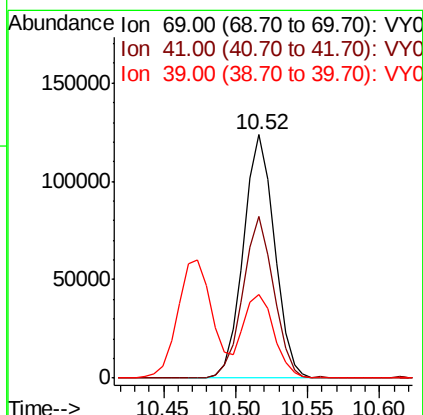
Instrument :
MSVOA_Y
ClientSampled :

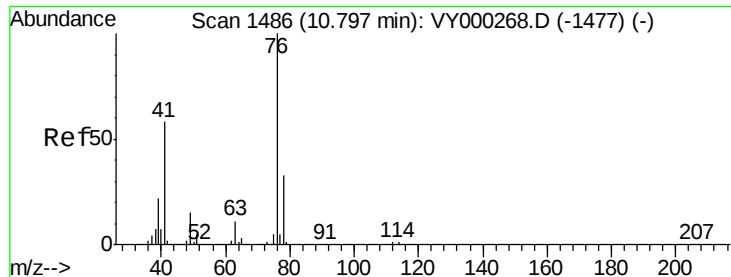
Tot Ion	97	Resp	121807
Ion Ratio	Lower	Upper	
97	100		
83	86.3	69.0	103.6
85	57.8	46.2	69.4
99	63.9	51.1	76.7



#56
Ethyl methacrylate
Concen: 51.682 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	69	Resp	185111
Ion Ratio	Lower	Upper	
69	100		
41	65.6	52.5	78.7
39	33.4	26.7	40.1

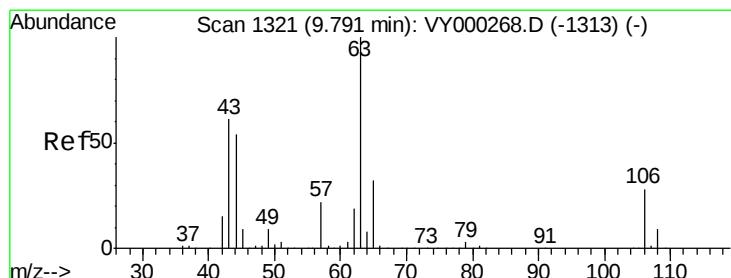
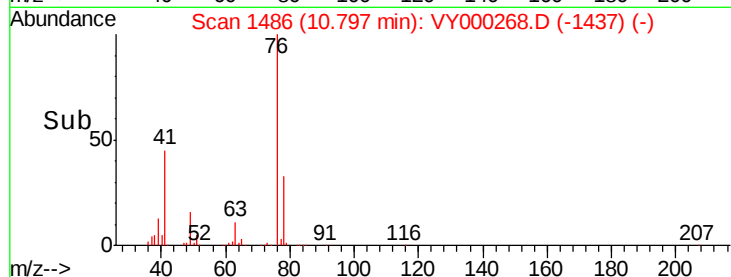
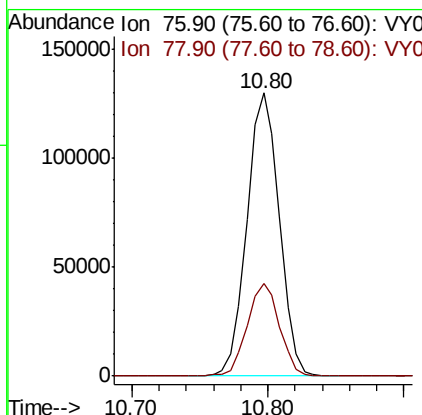
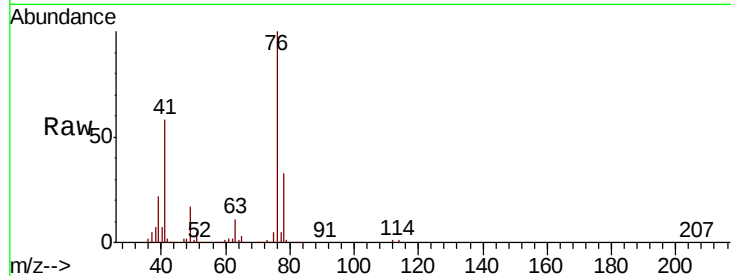




#57
 1,3-Dichloropropane
 Concen: 50.152 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

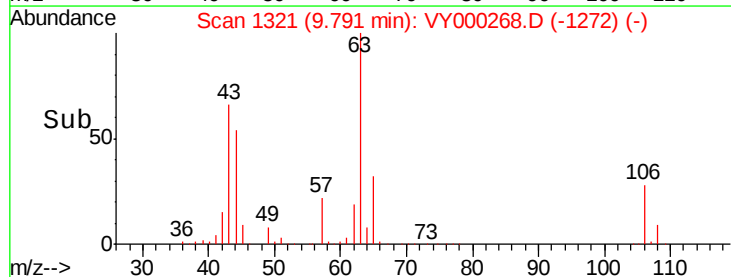
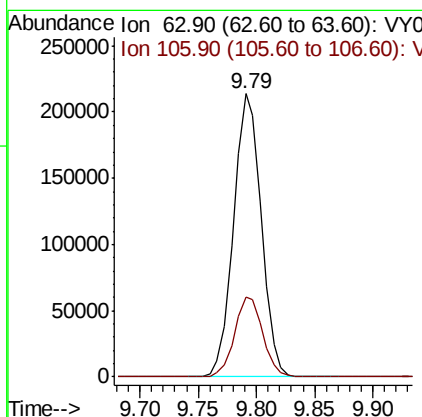
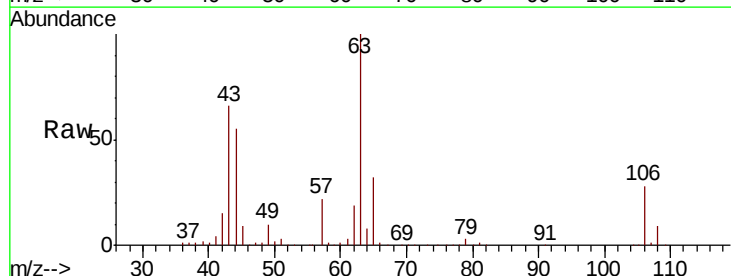
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 76 Resp: 216432
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.516 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion: 63 Resp: 353611
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.0 34.4





#59

2-Hexanone

Concen: 264.263 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

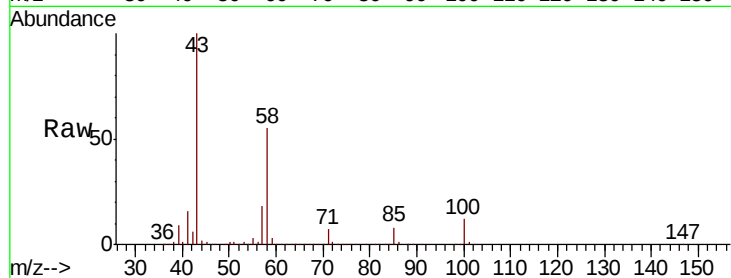
ClientSampleId :

Tot Ion: 43 Resp: 469560

Ion Ratio Lower Upper

43 100

58 55.4 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY000268.D (-1482) (-)

10.84

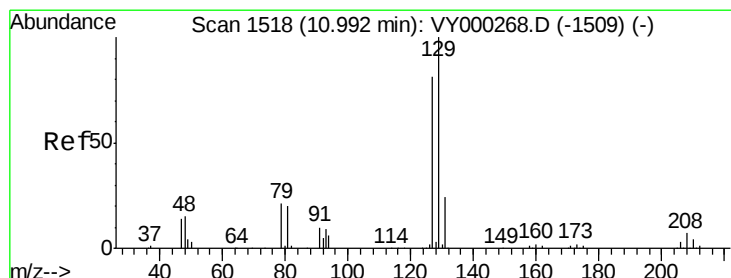
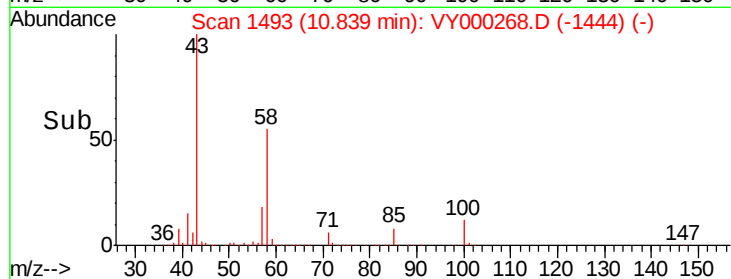
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 50.297 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VY000268.D

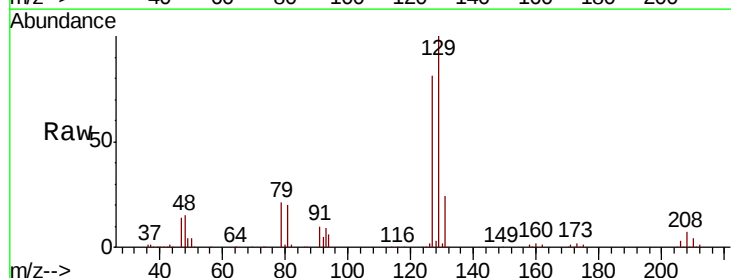
Acq: 11 Oct 2019 13:53

Tgt Ion: 129 Resp: 140086

Ion Ratio Lower Upper

129 100

127 79.8 39.9 119.7



Abundance Ion 128.80 (128.50 to 129.50): VY000268.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY000268.D (-1509) (-)

10.99

80000

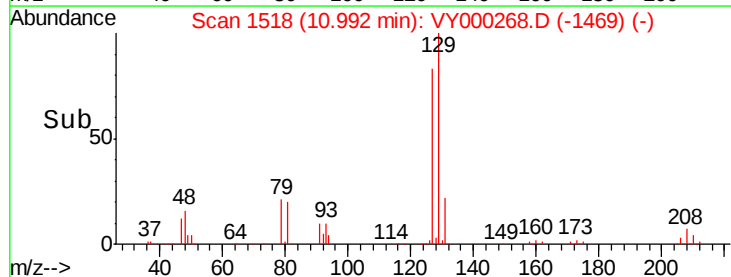
60000

40000

20000

0

Time-->

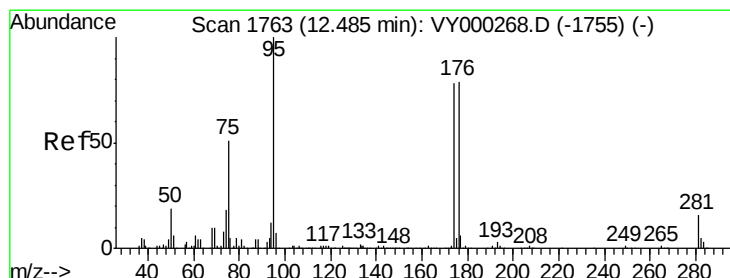
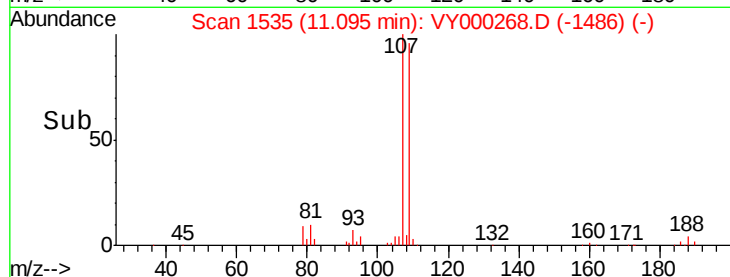
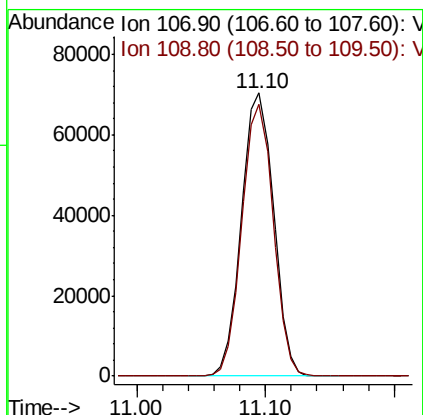
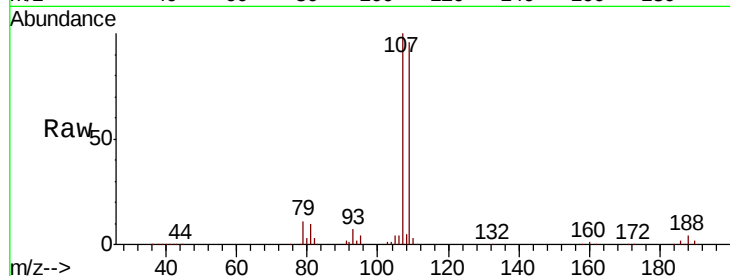




#61
 1,2-Dibromoethane
 Concen: 50.308 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

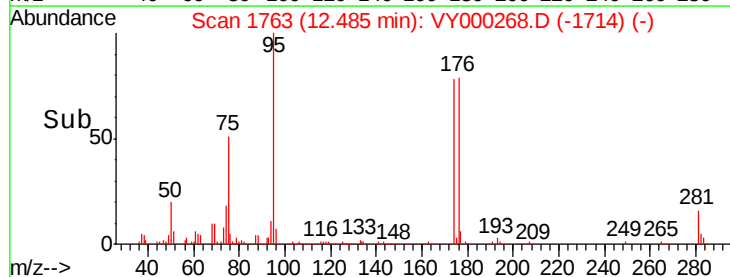
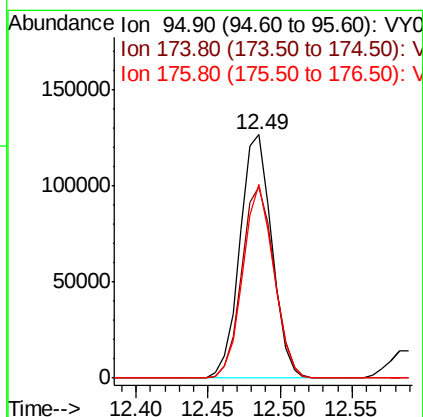
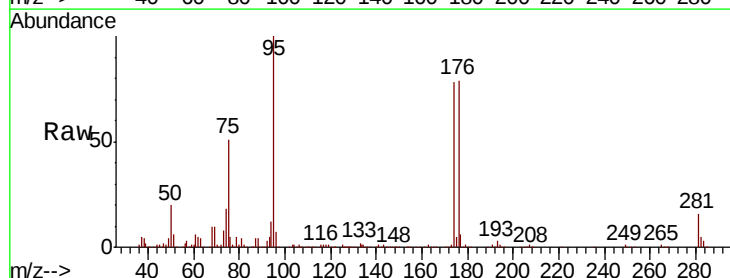
Instrument :
 MSVOA_Y
 ClientSampleId :

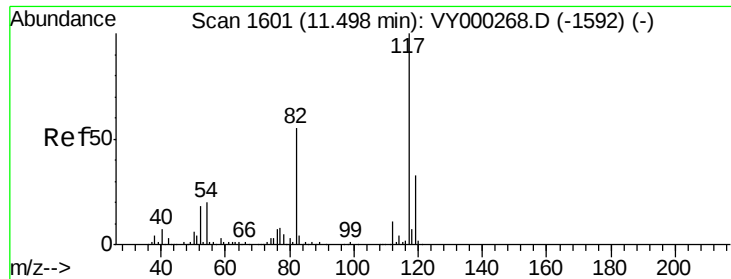
Tot Ion: 107 Resp: 121381
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.492 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion: 95 Resp: 194263
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 159.6
 176 76.9 0.0 153.8

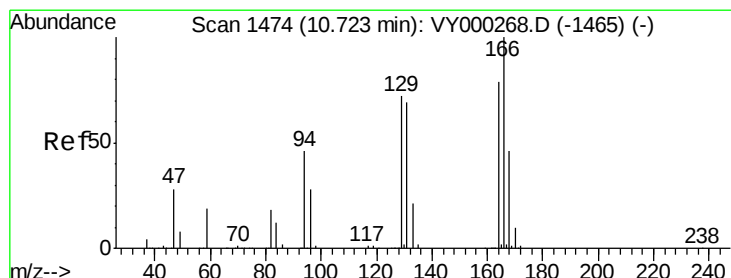
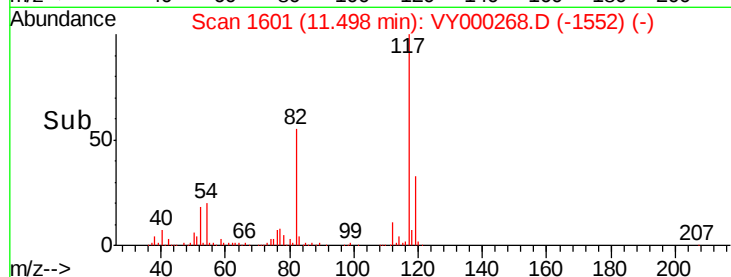
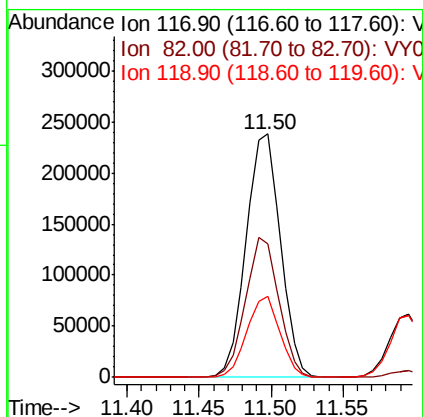
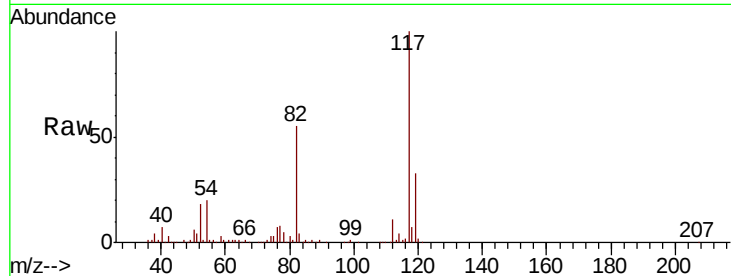




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

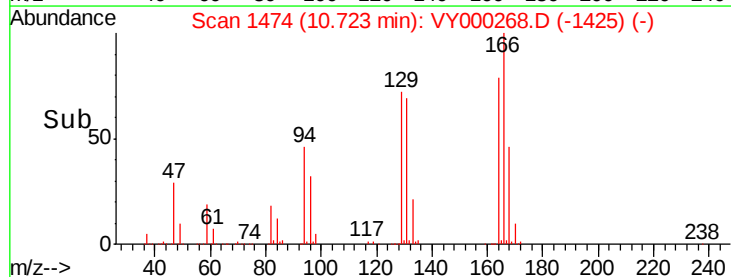
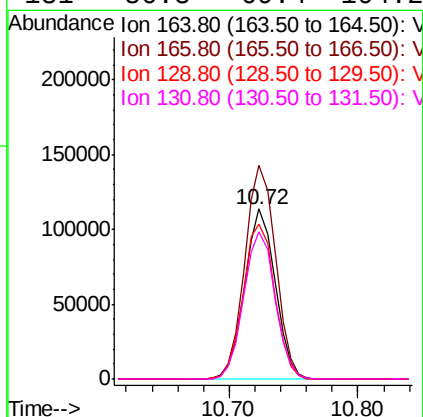
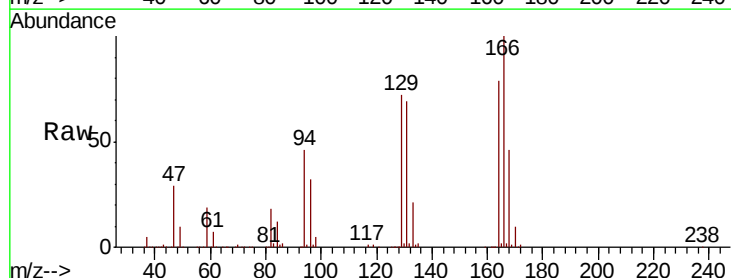
Instrument :
MSVOA_Y
ClientSampleId :

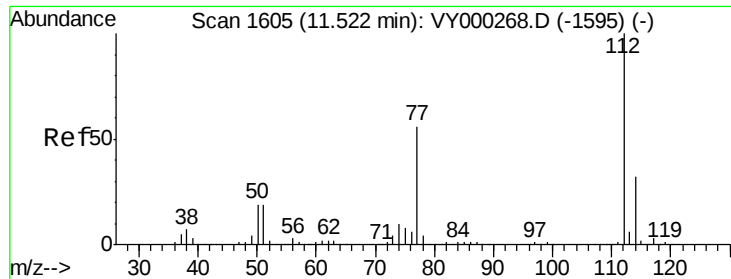
Tot Ion:117 Resp: 392933
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 33.2 26.6 39.8



#64
Tetrachloroethene
Concen: 49.610 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion:164 Resp: 185579
Ion Ratio Lower Upper
164 100
166 125.8 100.6 151.0
129 91.0 72.8 109.2
131 86.8 69.4 104.2

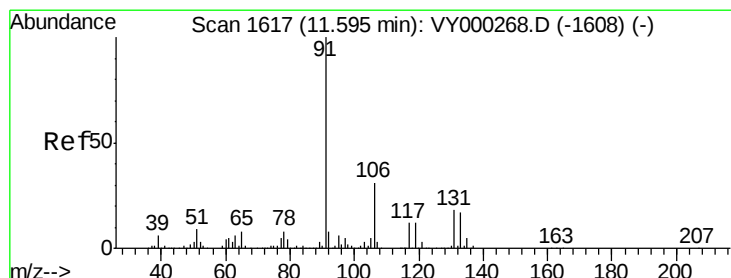
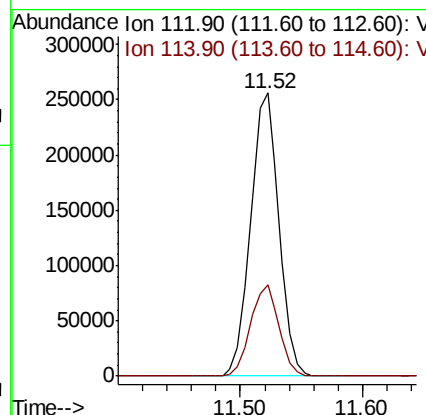
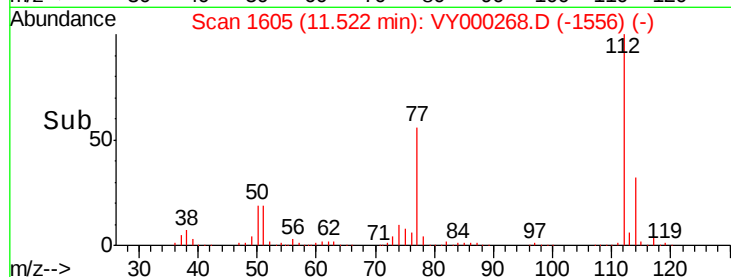
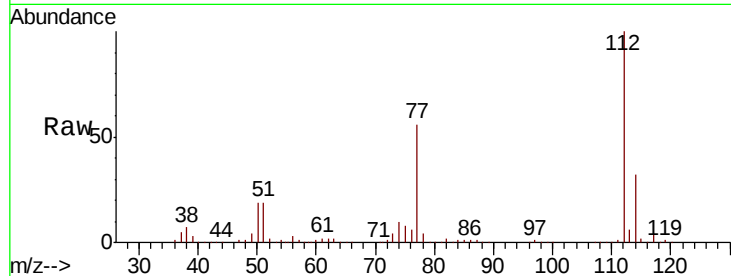




#65
Chlorobenzene
Concen: 49.524 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

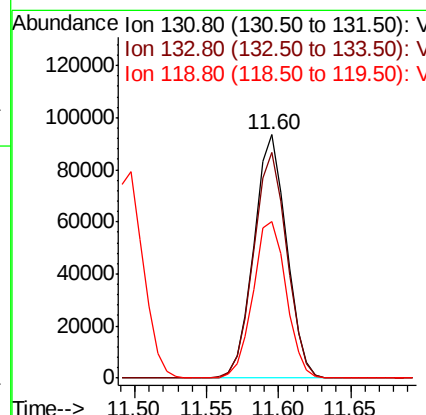
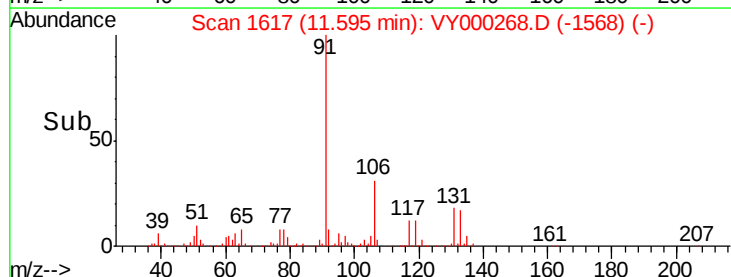
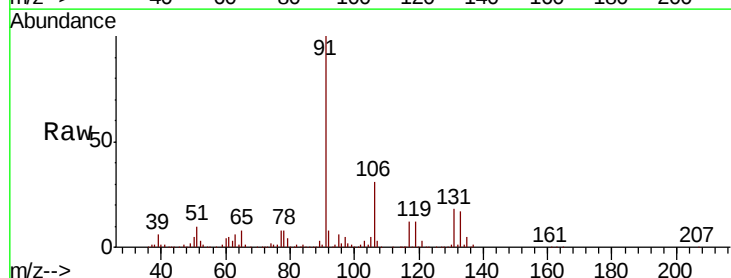
Instrument :
MSVOA_Y
ClientSampled :

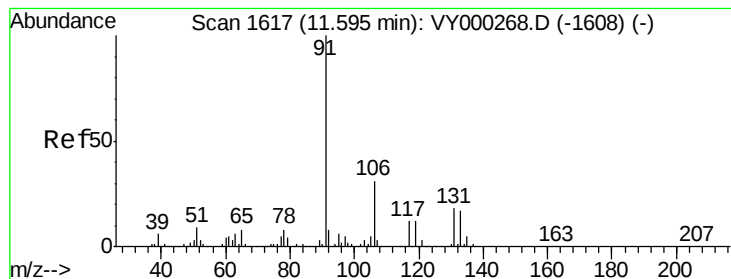
Tot Ion:112 Resp: 410681
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.293 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion:131 Resp: 146504
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 65.3 32.6 98.0





#67

Ethyl Benzene

Concen: 50.134 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

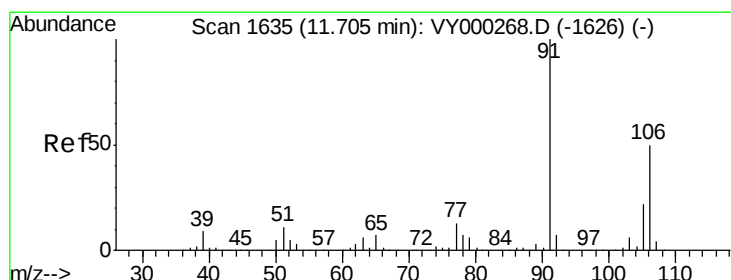
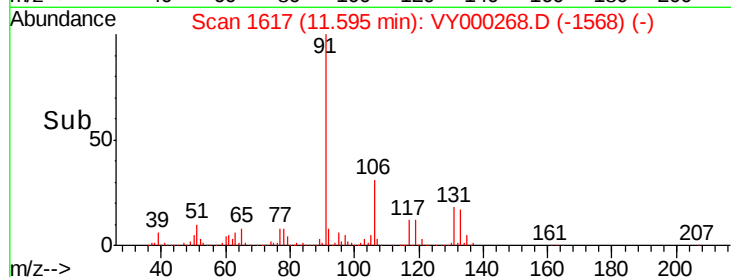
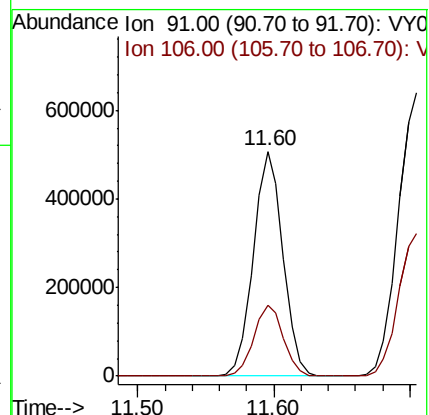
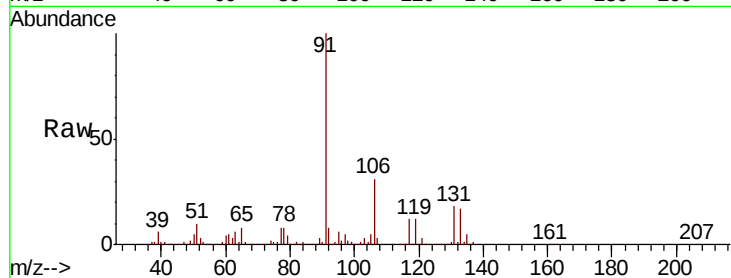
ClientSampleId :

Tot Ion: 91 Resp: 770696

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 100.437 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000268.D

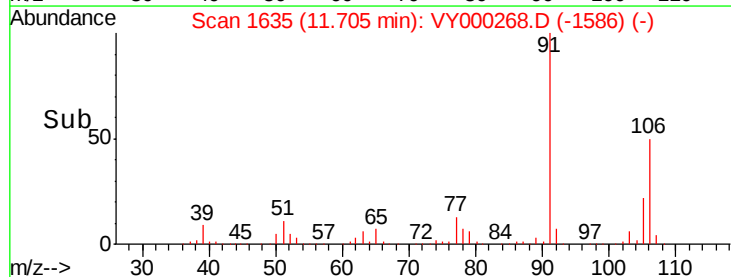
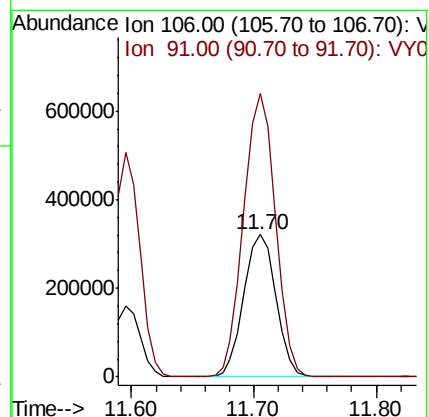
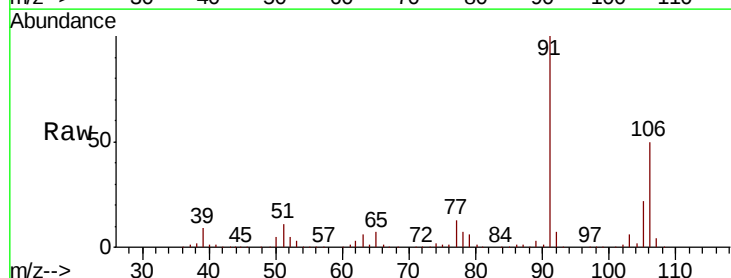
Acq: 11 Oct 2019 13:53

Tgt Ion:106 Resp: 590241

Ion Ratio Lower Upper

106 100

91 196.9 157.5 236.3

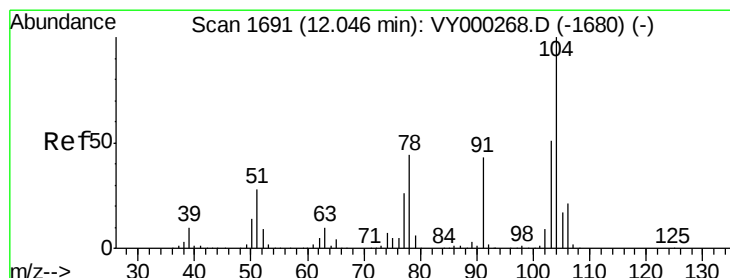
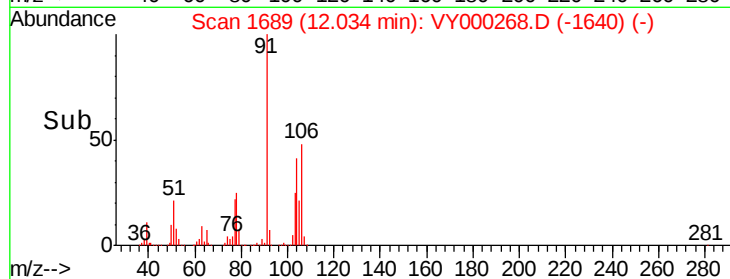
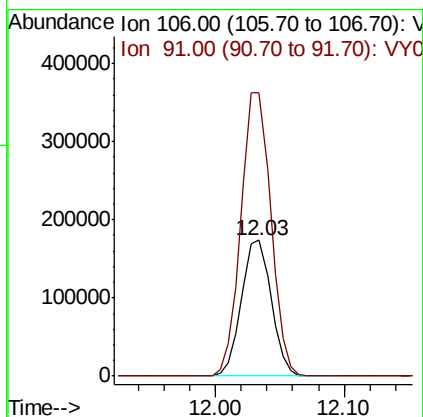
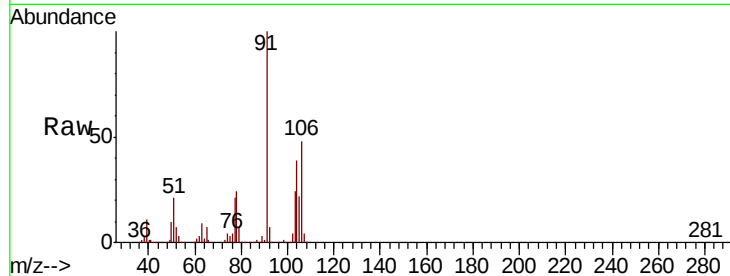




#69
o-Xylene
Concen: 49.733 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

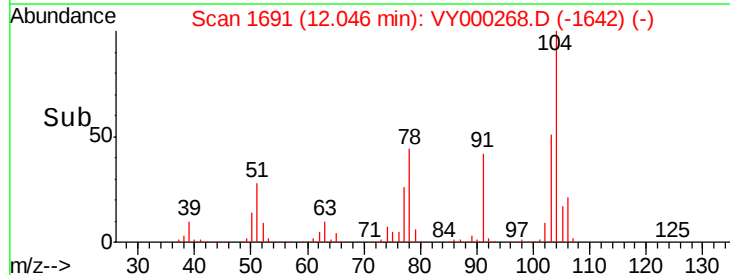
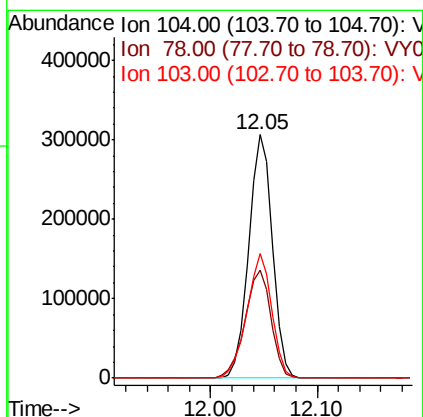
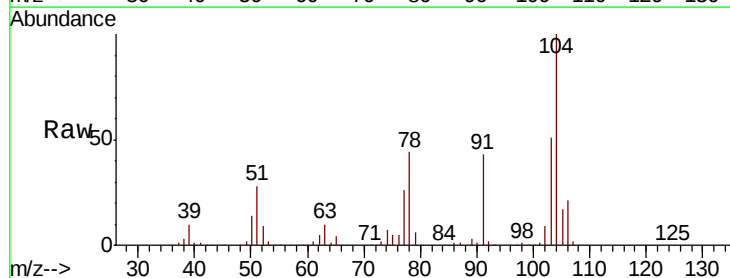
Instrument :
MSVOA_Y
ClientSampled :

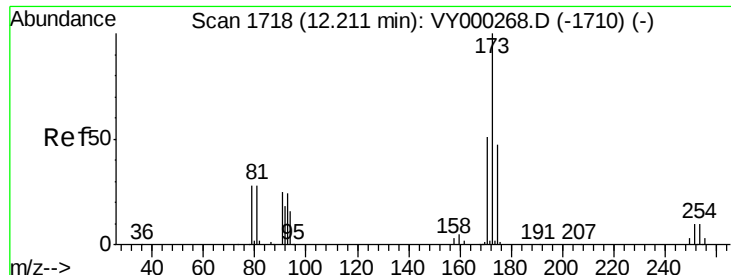
Tot Ion:106 Resp: 278814
Ion Ratio Lower Upper
106 100
91 209.3 104.7 313.9



#70
Styrene
Concen: 50.587 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion:104 Resp: 478290
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 53.9 43.1 64.7





#71

Bromoform

Concen: 52.885 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

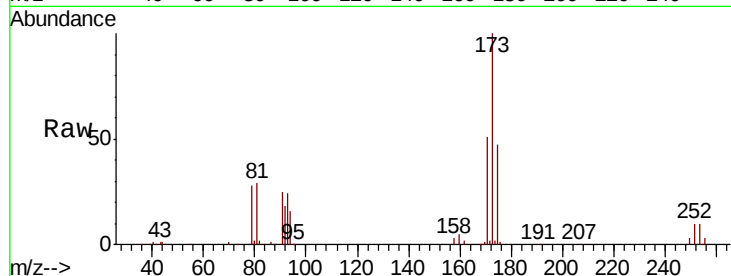
Tot Ion:173 Resp: 88561

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

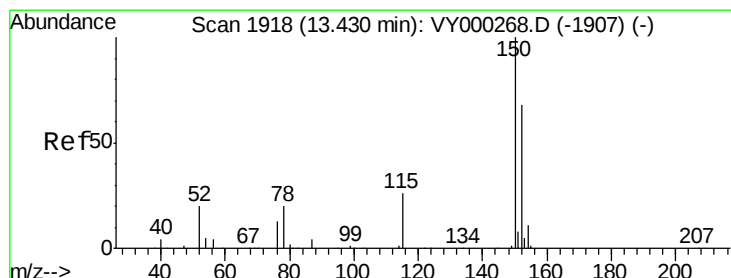
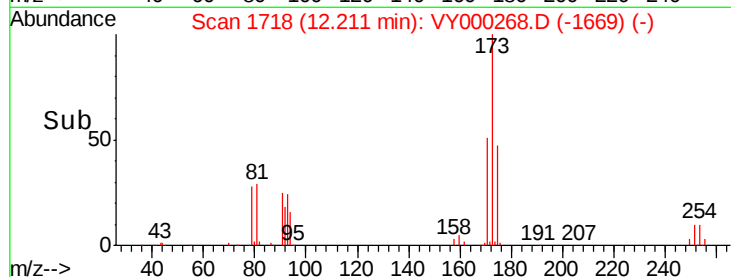
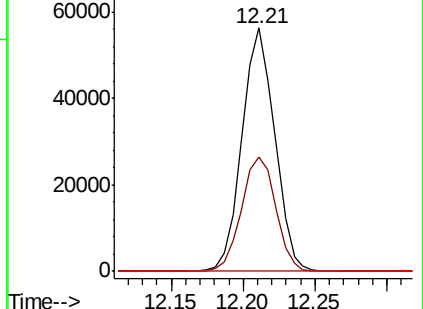
254 0.1 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

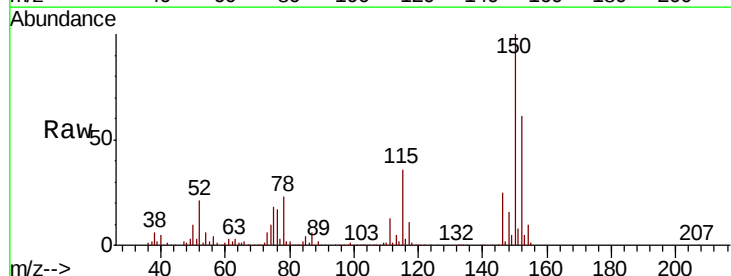
Tgt Ion:152 Resp: 197954

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

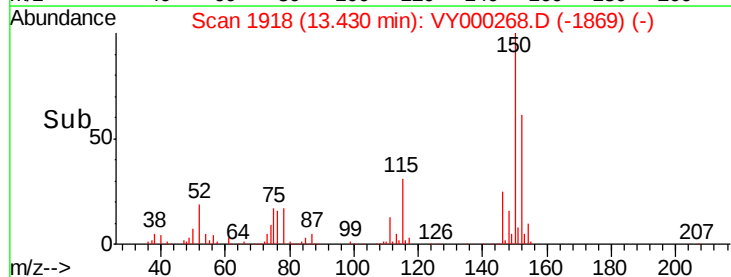
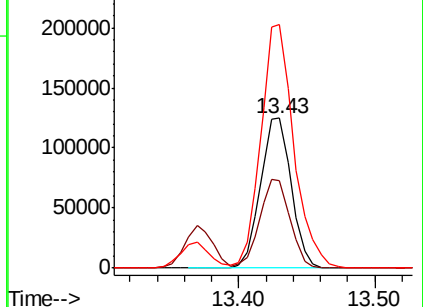
150 174.2 0.0 348.4

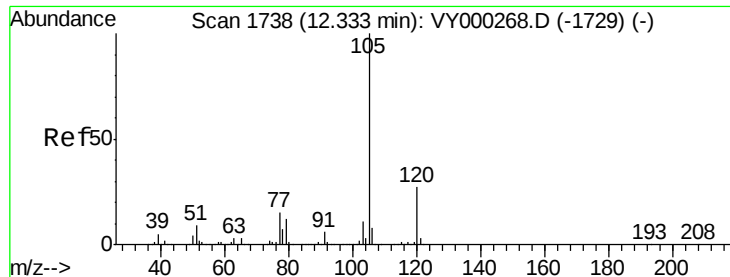


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.024 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

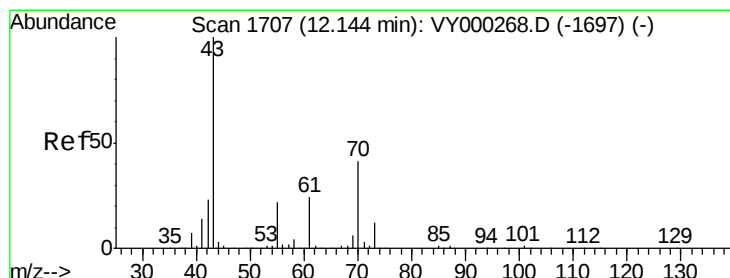
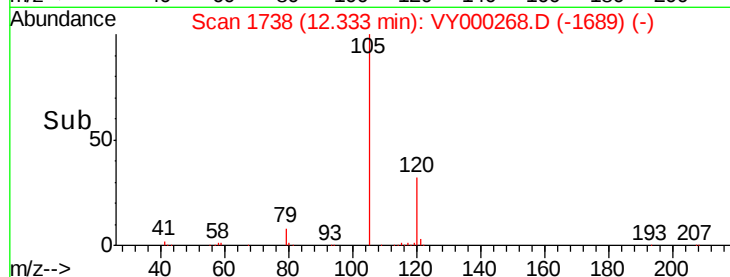
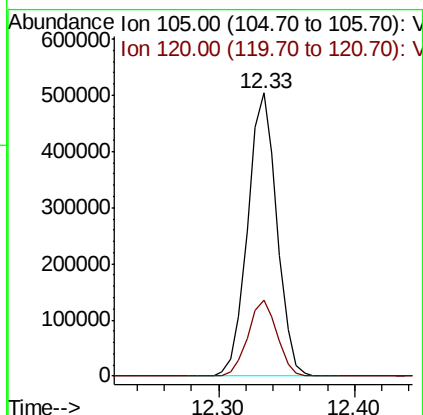
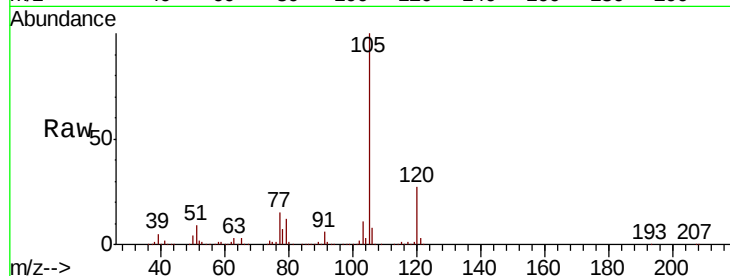
ClientSampled :

Tot Ion:105 Resp: 756697

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 53.819 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Tgt Ion: 43 Resp: 203938

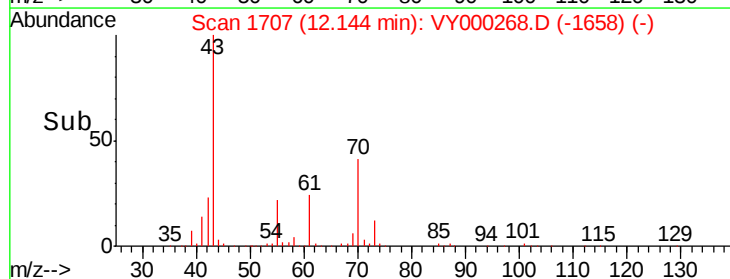
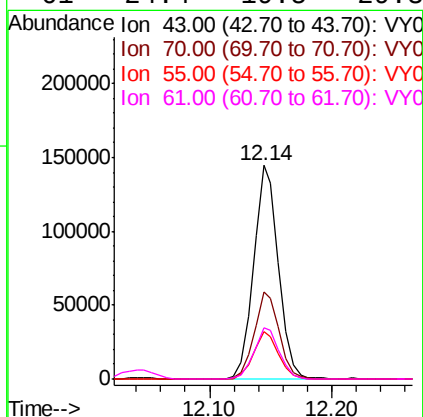
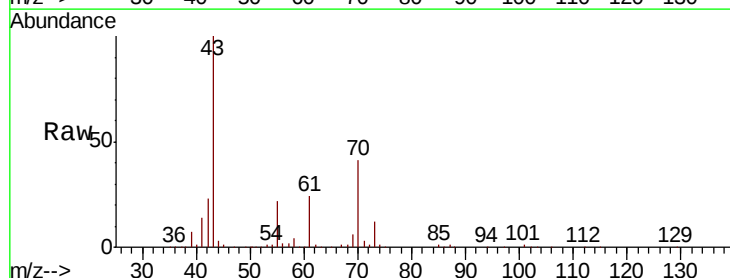
Ion Ratio Lower Upper

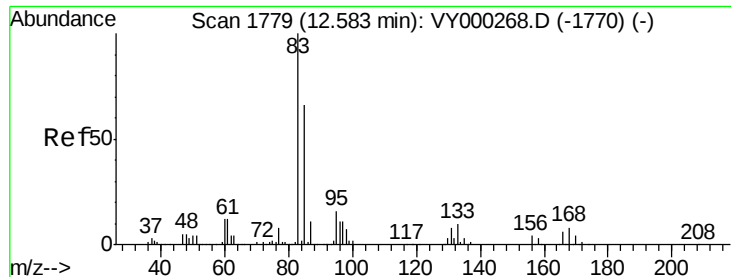
43 100

70 41.1 32.9 49.3

55 22.2 17.8 26.6

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.525 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

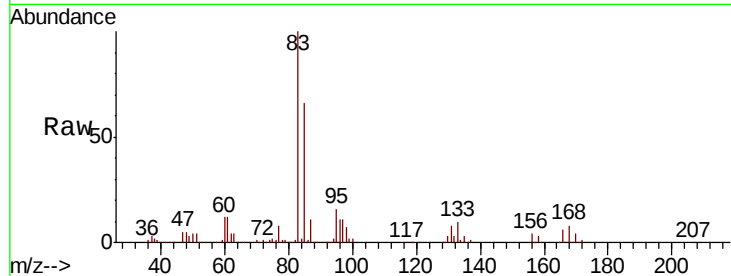
Tot Ion: 83 Resp: 143525

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 65.8 32.9 98.7



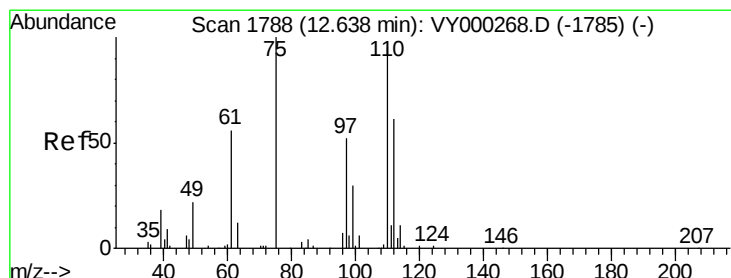
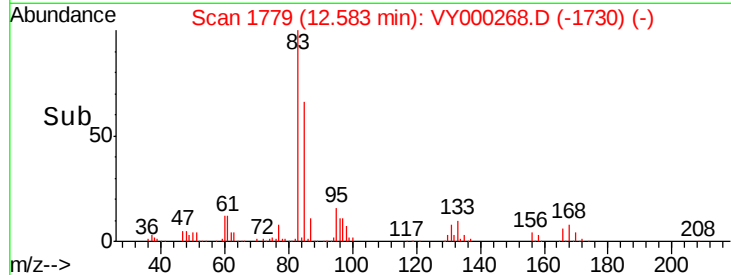
Abundance Ion 82.90 (82.60 to 83.60): VY000268.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY000268.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY000268.D (-1770) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 53.333 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000268.D

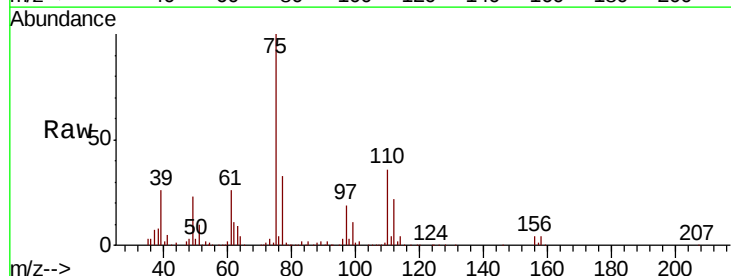
Acq: 11 Oct 2019 13:53

Tgt Ion: 75 Resp: 211053

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

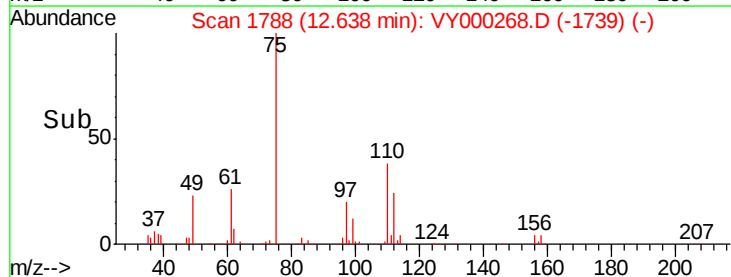


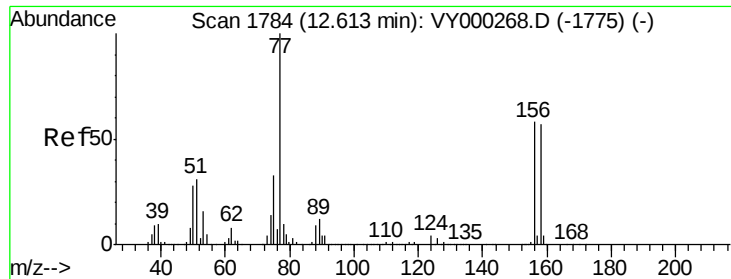
Abundance Ion 74.90 (74.60 to 75.60): VY000268.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000268.D (-1785) (-)

12.64

Time-->





#77

Bromobenzene

Concen: 48.324 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

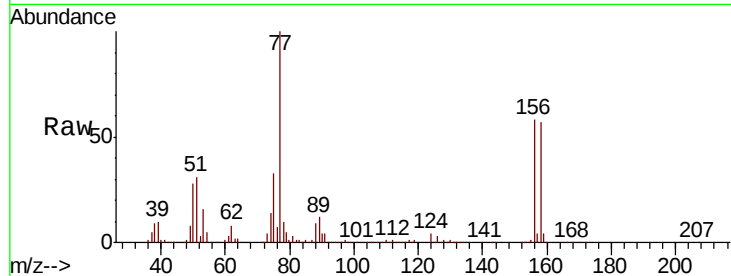
Tot Ion:156 Resp: 165977

Ion Ratio Lower Upper

156 100

77 201.9 101.0 302.9

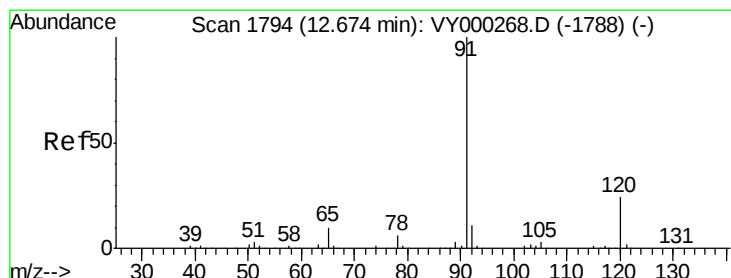
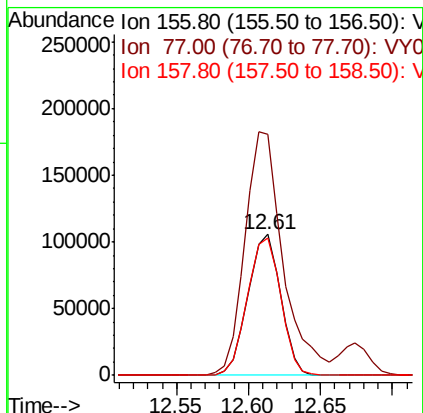
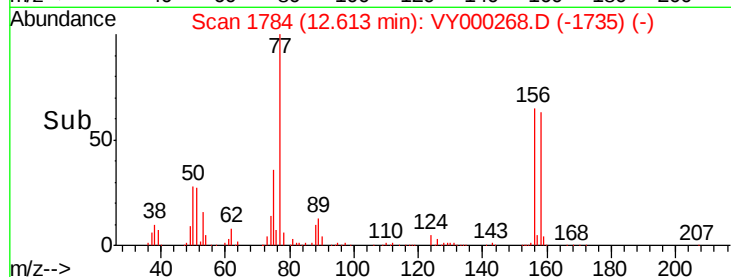
158 99.4 49.7 149.1



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: 49.575 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000268.D

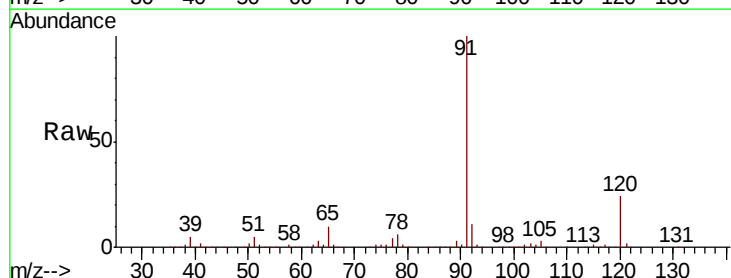
Acq: 11 Oct 2019 13:53

Tgt Ion: 91 Resp: 918731

Ion Ratio Lower Upper

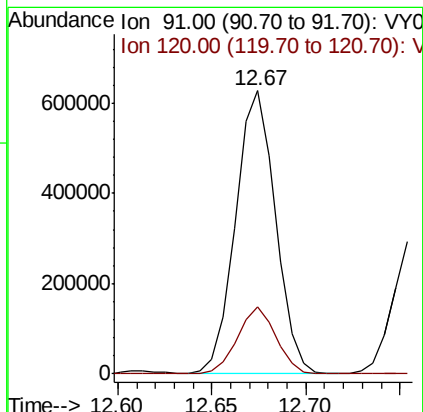
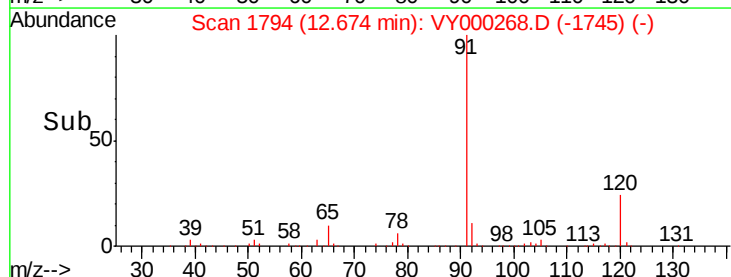
91 100

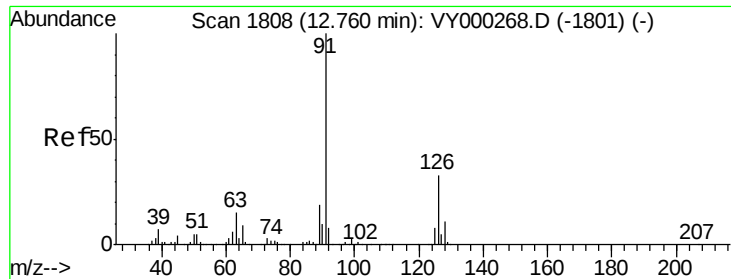
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.602 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

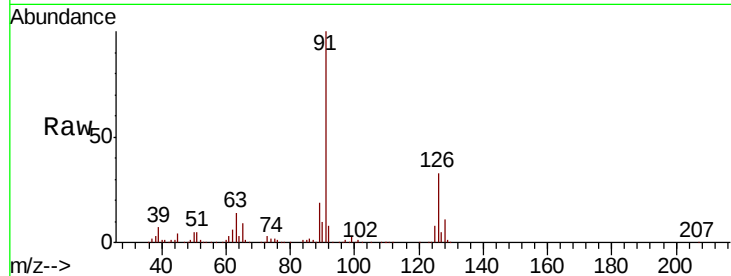
ClientSampled :

Tot Ion: 91 Resp: 507665

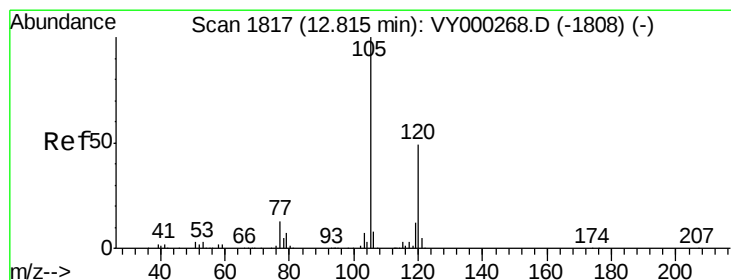
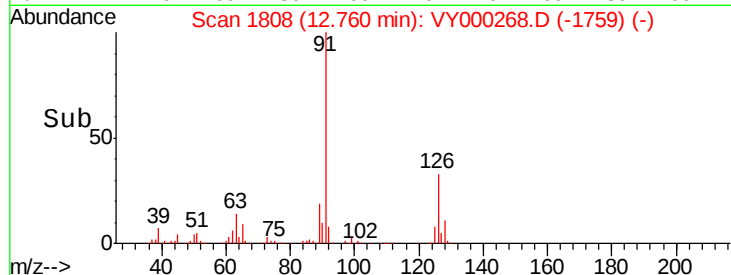
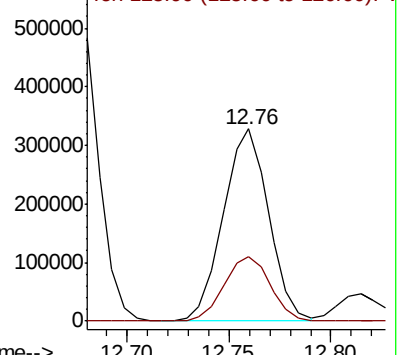
Ion Ratio Lower Upper

91 100

126 34.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.437 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000268.D

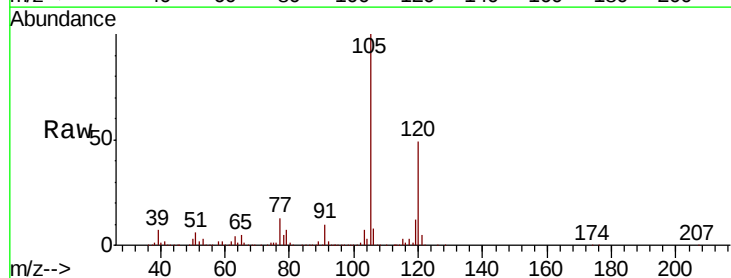
Acq: 11 Oct 2019 13:53

Tgt Ion: 105 Resp: 639858

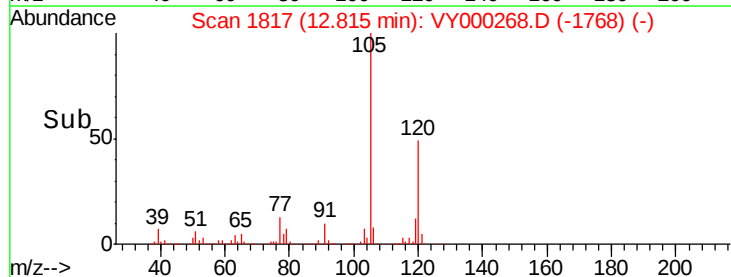
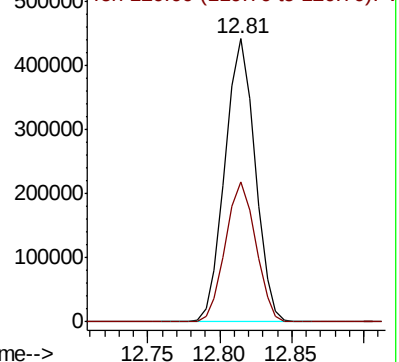
Ion Ratio Lower Upper

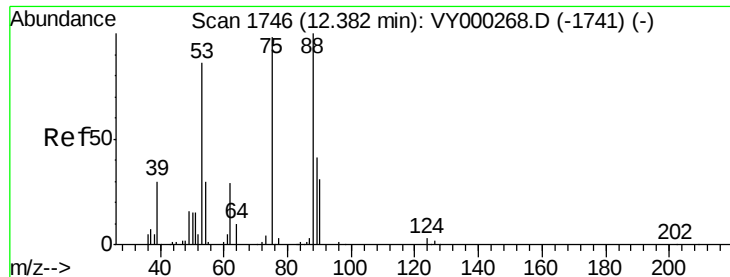
105 100

120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.683 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampled :

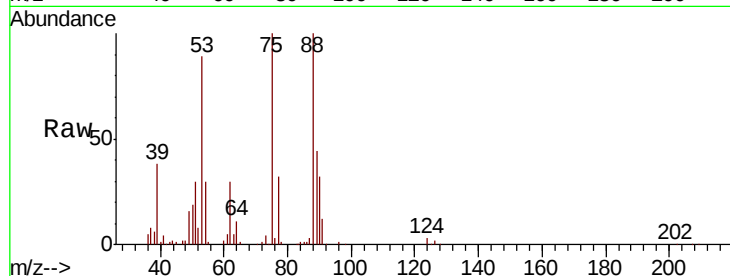
Tot Ion: 75 Resp: 58611

Ion Ratio Lower Upper

75 100

53 89.1 71.3 106.9

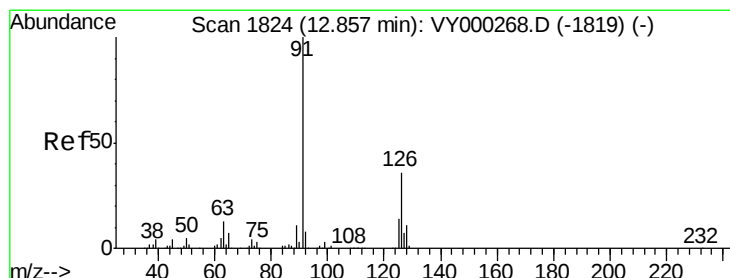
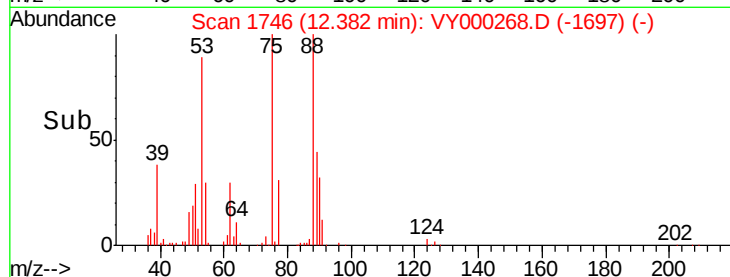
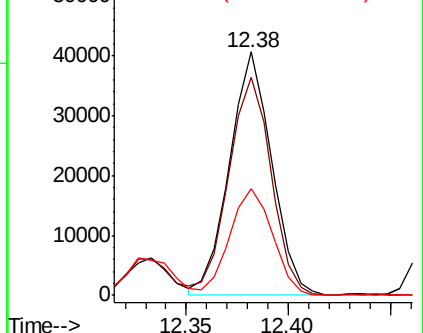
89 43.9 35.1 52.7



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: 49.696 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000268.D

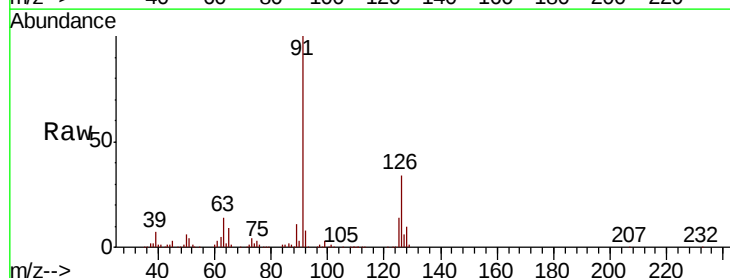
Acq: 11 Oct 2019 13:53

Tgt Ion: 91 Resp: 537636

Ion Ratio Lower Upper

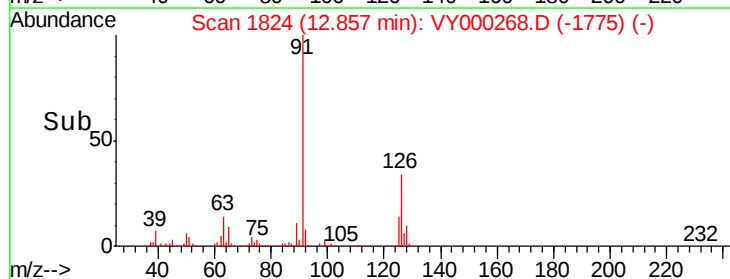
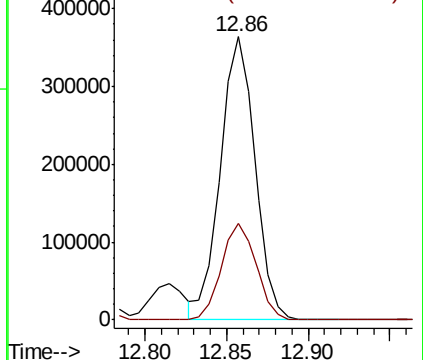
91 100

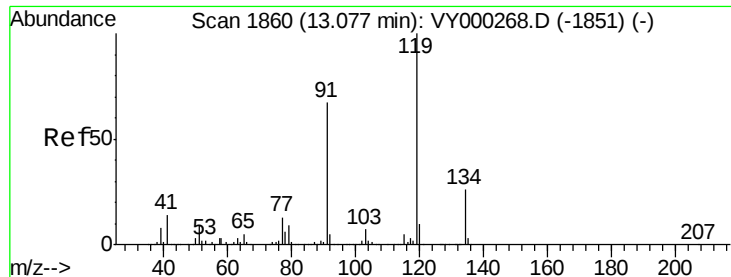
126 34.3 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.489 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampled :

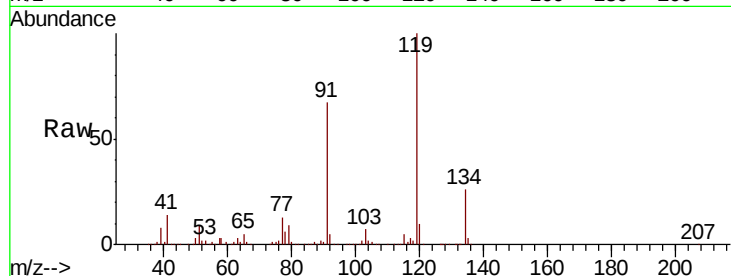
Tot Ion:119 Resp: 542425

Ion Ratio Lower Upper

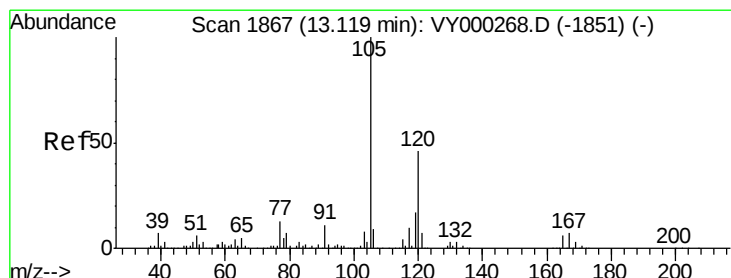
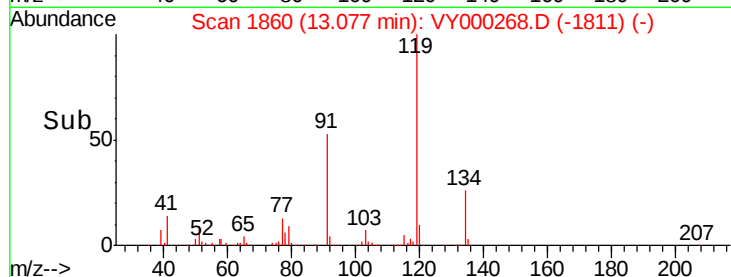
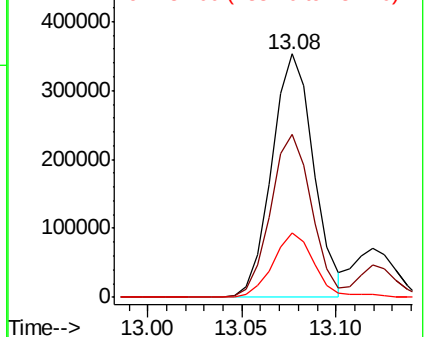
119 100

91 65.8 32.9 98.7

134 26.5 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: 49.998 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000268.D

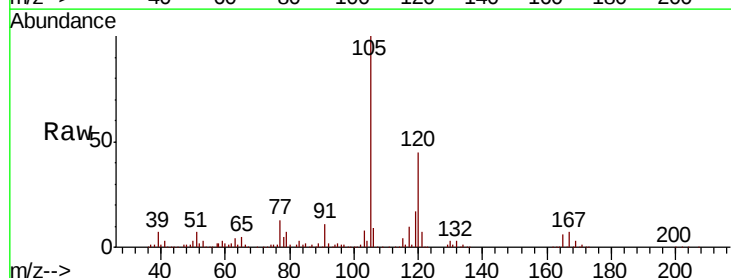
Acq: 11 Oct 2019 13:53

Tgt Ion:105 Resp: 638671

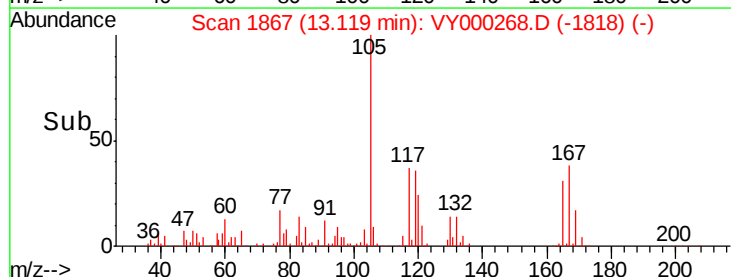
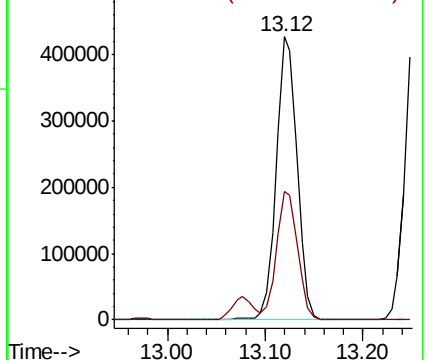
Ion Ratio Lower Upper

105 100

120 45.9 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: 50.450 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

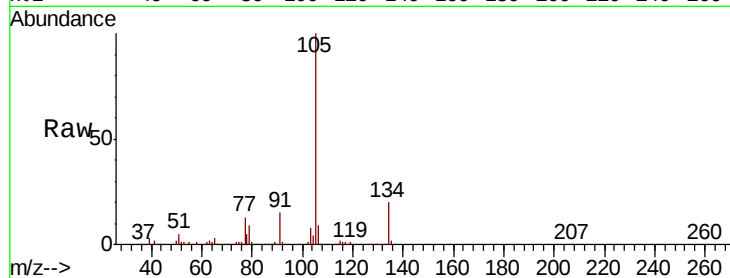
ClientSampleId :

Tot Ion:105 Resp: 799916

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

600000

500000

400000

300000

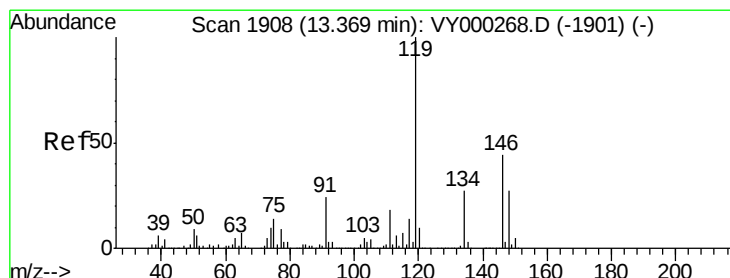
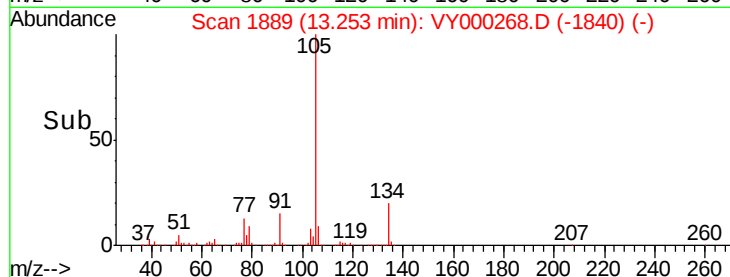
200000

100000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 50.846 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

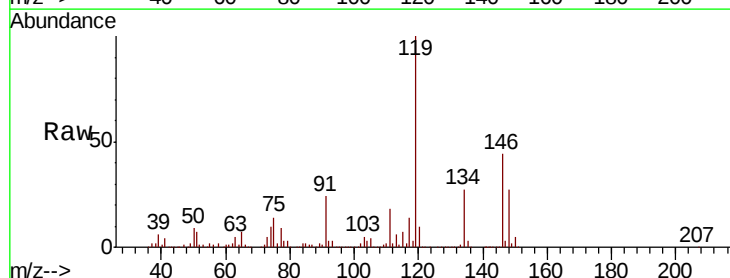
Tgt Ion:119 Resp: 702848

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 24.1 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

600000

500000

400000

300000

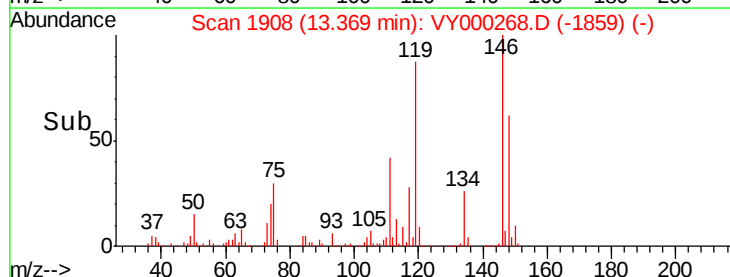
200000

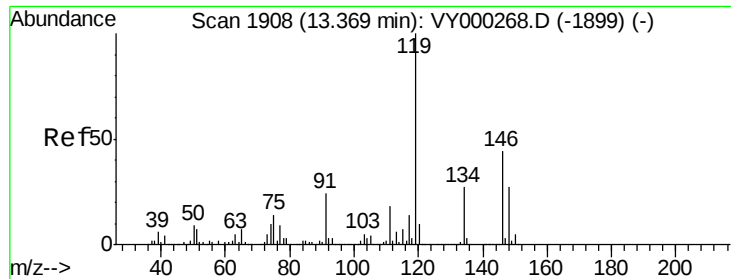
100000

0

Time-->

13.30 13.35 13.40

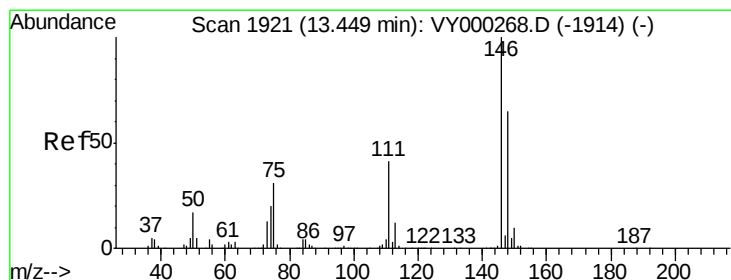
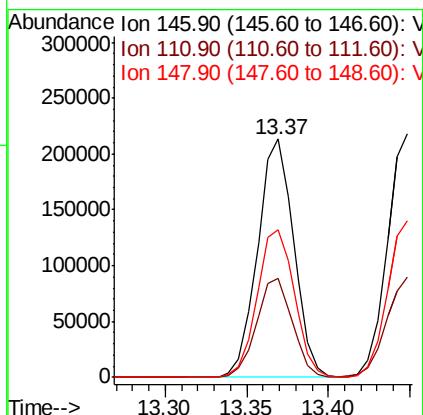
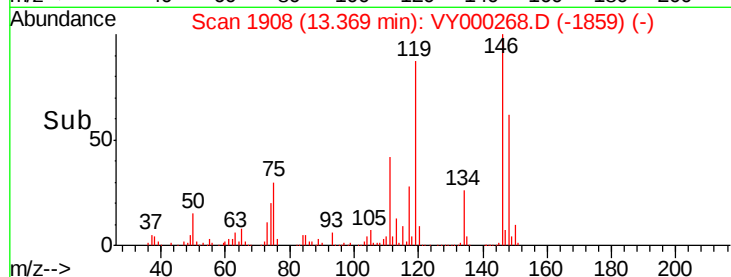
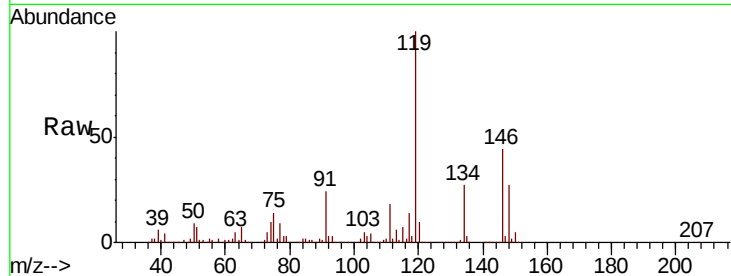




#87
 1,3-Dichlorobenzene
 Concen: 48.591 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

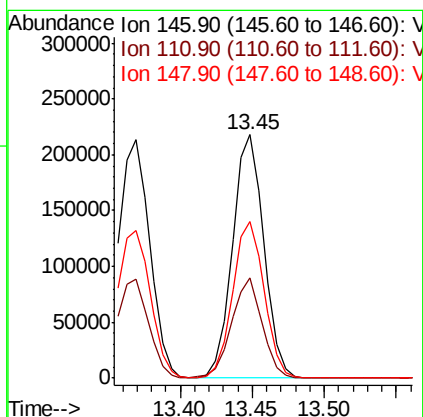
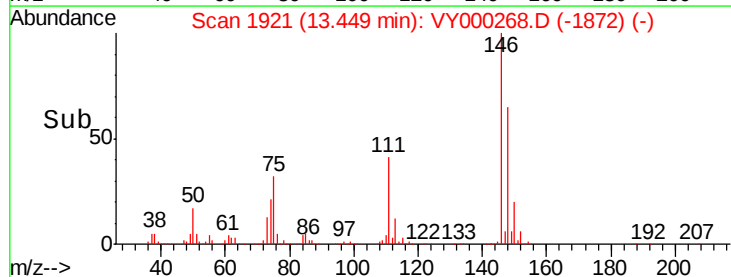
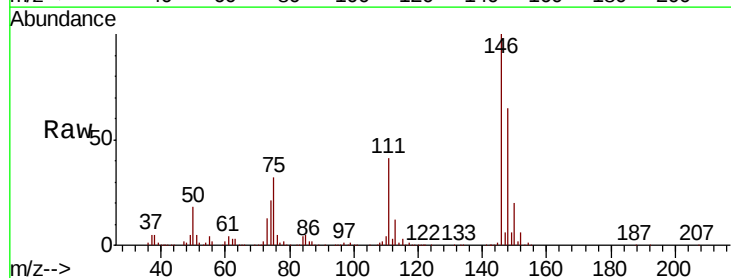
Instrument :
 MSVOA_Y
 ClientSampled :

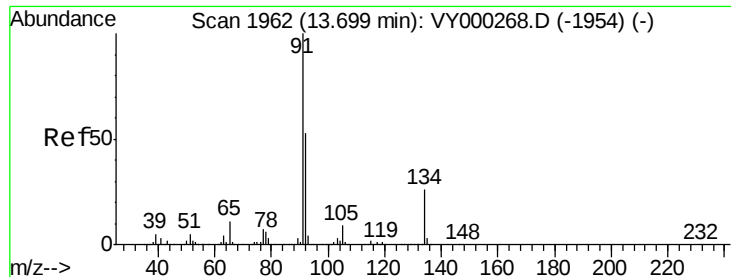
Tot Ion:146 Resp: 328826
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.872 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion:146 Resp: 330568
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 64.8 32.4 97.2

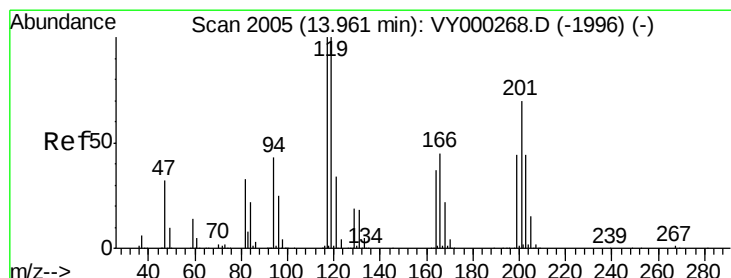
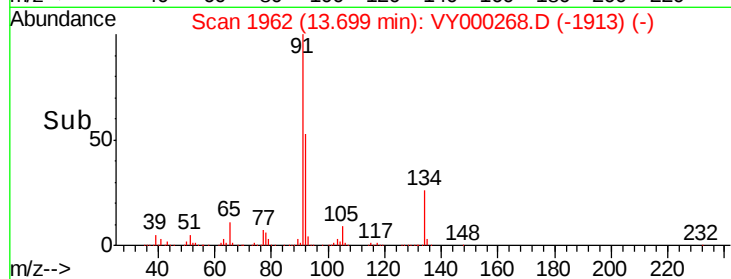
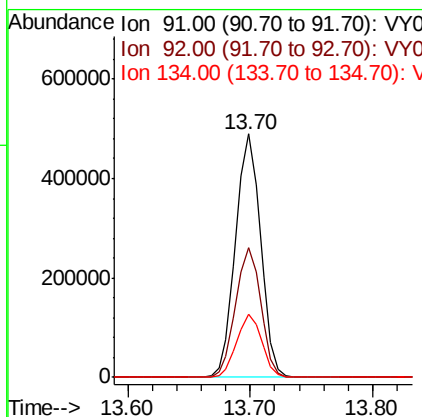
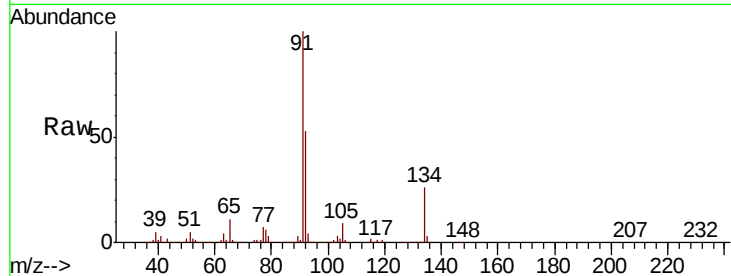




#89
n-Butylbenzene
Concen: 50.729 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

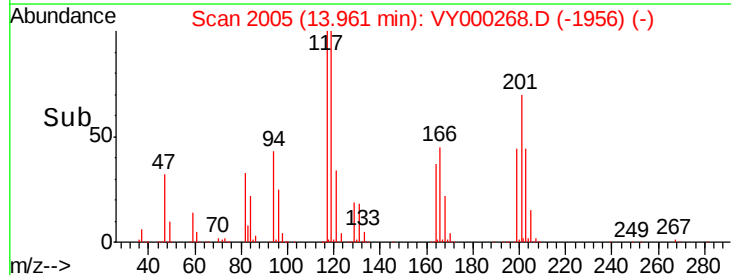
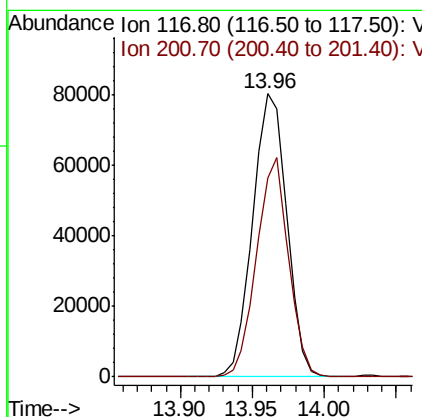
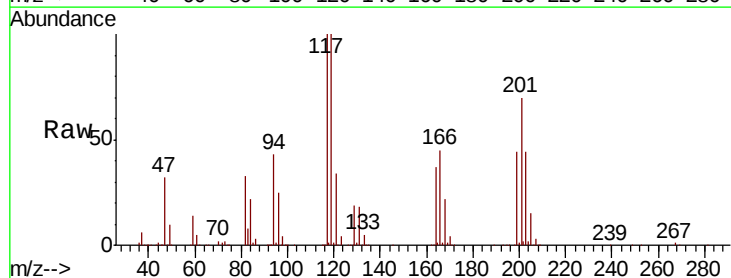
Instrument :
MSVOA_Y
ClientSampleId :

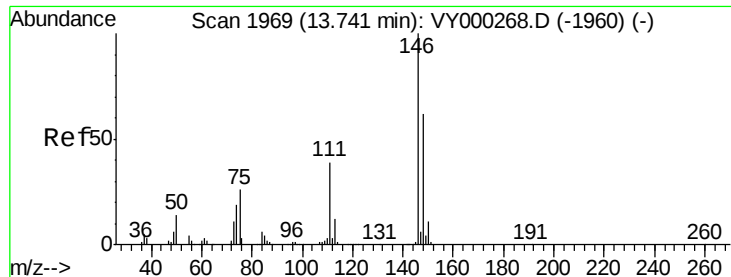
Tot Ion: 91 Resp: 692967
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 51.189 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 117 Resp: 131027
Ion Ratio Lower Upper
117 100
201 72.5 36.3 108.7

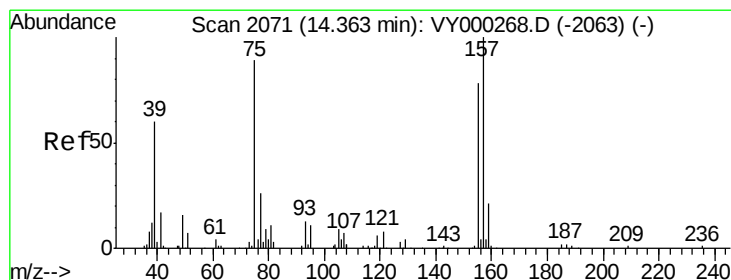
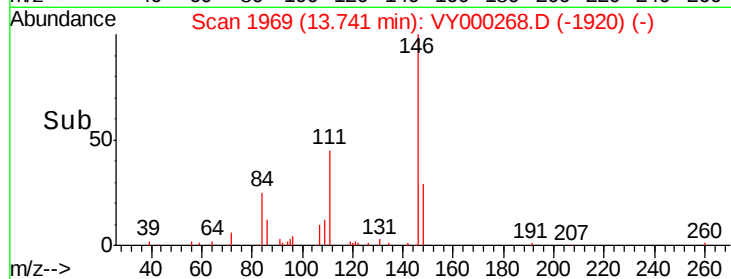
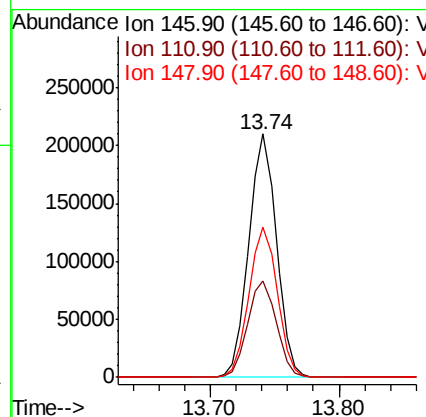
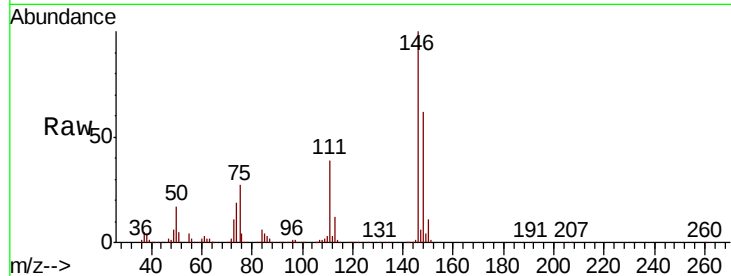




#91
 1,2-Dichlorobenzene
 Concen: 50.665 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

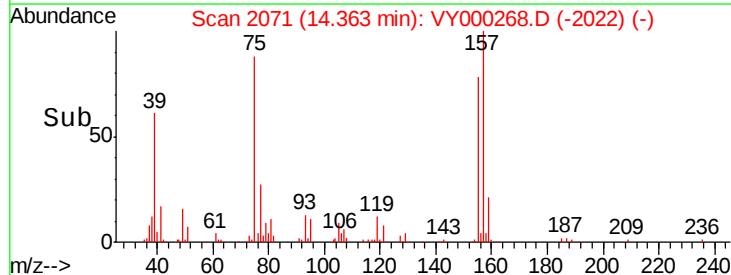
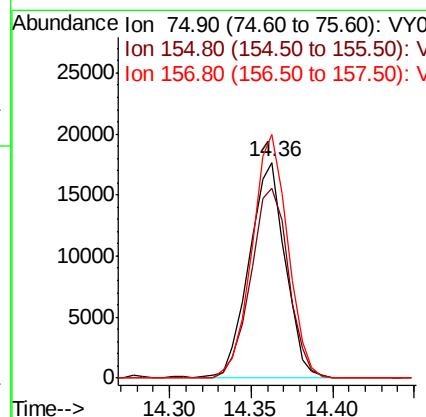
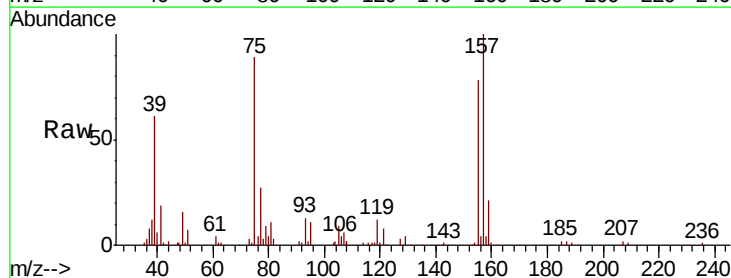
Instrument :
 MSVOA_Y
 ClientSampled :

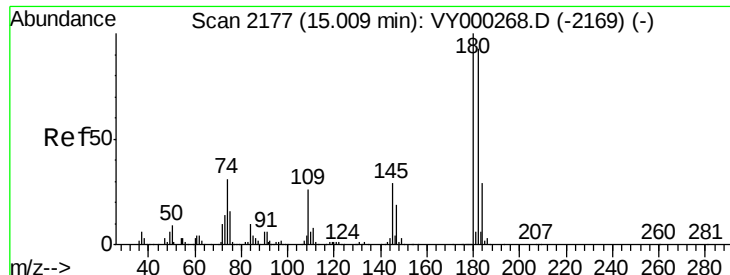
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	63.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.726 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	45.8	137.3
157	111.3	55.6	166.9

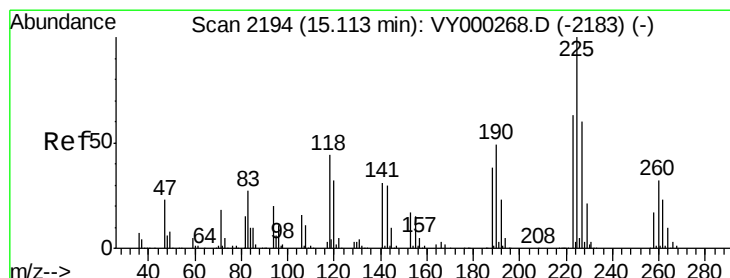
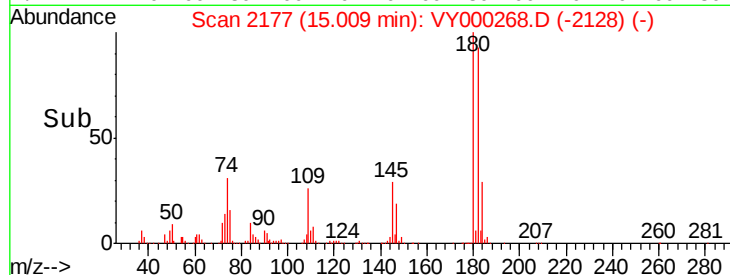
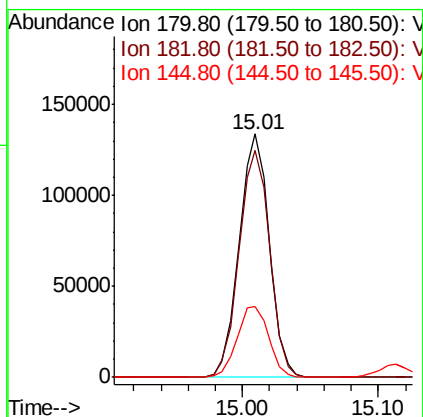
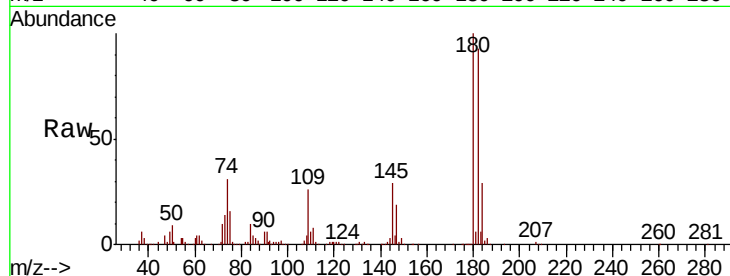




#93
 1,2,4-Trichlorobenzene
 Concen: 48.311 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

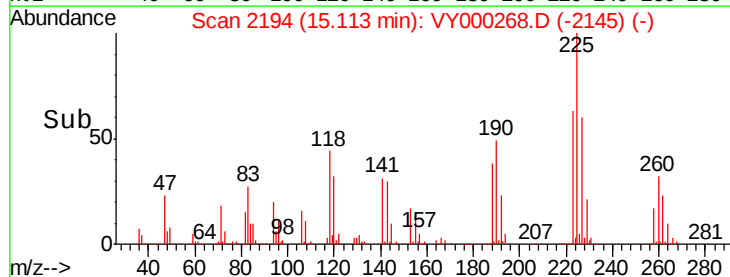
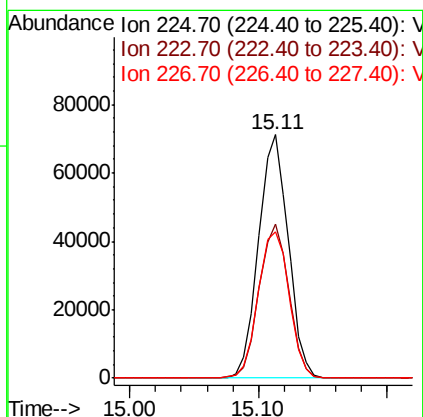
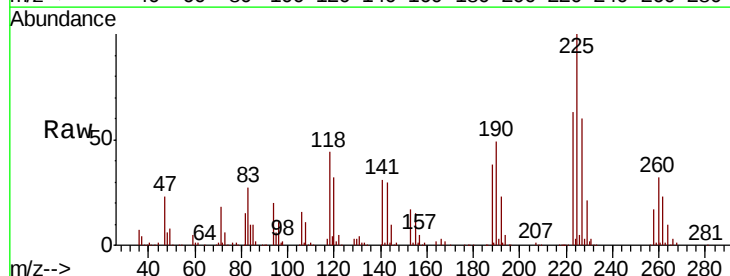
Instrument :
 MSVOA_Y
 ClientSampleId :

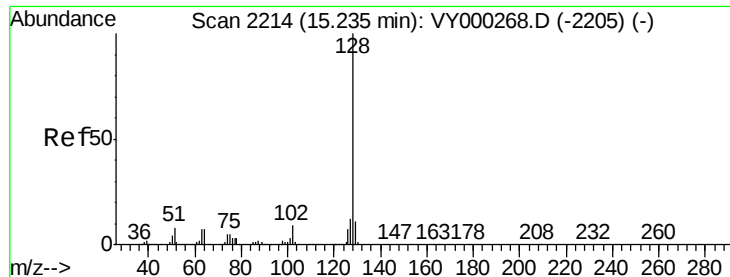
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	30.7	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 49.054 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	62.8	31.4	94.2

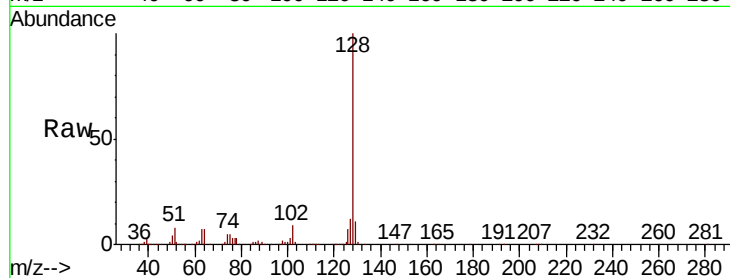




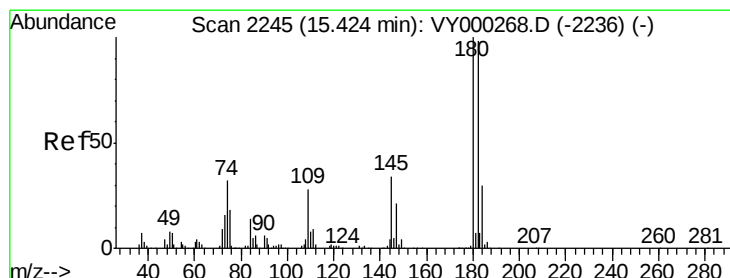
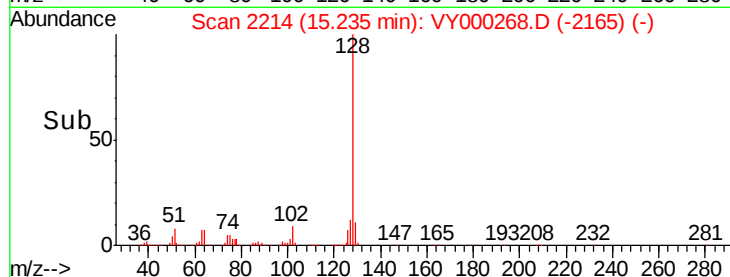
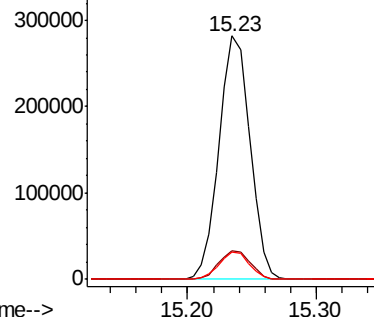
#95
Naphthalene
Concen: 49.217 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 468324
Ion Ratio Lower Upper
128 100
127 12.0 9.6 14.4
129 10.9 8.7 13.1

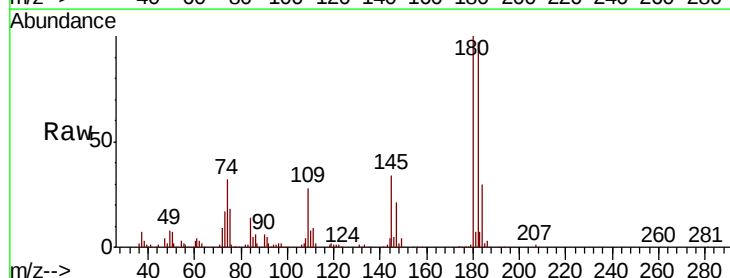


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.696 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion:180 Resp: 187133
Ion Ratio Lower Upper
180 100
182 93.0 46.5 139.5
145 32.3 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

