

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000334.D
 Acq On : 17 Oct 2019 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 17:57:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	296501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	499839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	452767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	220399	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	171359	54.79	ug/l	0.00
Spiked Amount			Recovery	=	109.58%	
35) Dibromofluoromethane	7.73	113	153139	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
50) Toluene-d8	10.19	98	634638	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.48	95	234504	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	107030	45.291	ug/l	99
3) Chloromethane	2.11	50	155125	42.815	ug/l	98
4) Vinyl Chloride	2.25	62	168630	46.117	ug/l	96
5) Bromomethane	2.65	94	116211	42.883	ug/l	97
6) Chloroethane	2.80	64	111337	47.191	ug/l	100
7) Trichlorofluoromethane	3.13	101	238588	47.701	ug/l	98
8) Diethyl Ether	3.54	74	94236	53.332	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	151293	49.877	ug/l	98
10) Methyl Iodide	4.10	142	212260	49.148	ug/l	99
11) Tert butyl alcohol	4.97	59	78596	240.128	ug/l	99
12) 1,1-Dichloroethene	3.88	96	146766	49.010	ug/l	99
13) Acrolein	3.74	56	105448	274.794	ug/l	98
14) Allyl chloride	4.49	41	260003	52.393	ug/l	96
15) Acrylonitrile	5.18	53	258028	260.896	ug/l	98
16) Acetone	3.96	43	243843	240.748	ug/l	93
17) Carbon Disulfide	4.20	76	435070	46.144	ug/l	98
18) Methyl Acetate	4.49	43	125445	49.848	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	457114	54.834	ug/l	99
20) Methylene Chloride	4.72	84	171193	50.184	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	172216	50.126	ug/l	92
22) Diisopropyl ether	6.13	45	578284	55.096	ug/l	93
23) Vinyl Acetate	6.07	43	1866879	272.640	ug/l	99
24) 1,1-Dichloroethane	6.03	63	303198	52.923	ug/l	99
25) 2-Butanone	7.00	43	404119	283.236	ug/l	100
26) 2,2-Dichloropropane	6.99	77	275767	52.237	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	194259	52.253	ug/l	98
28) Bromochloromethane	7.35	49	136354	55.442	ug/l	99
29) Tetrahydrofuran	7.36	42	224040	259.098	ug/l	99
30) Chloroform	7.52	83	305210	52.900	ug/l	99
31) Cyclohexane	7.79	56	288631	48.236	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	264989	51.661	ug/l	99
36) 1,1-Dichloropropene	7.92	75	236763	48.381	ug/l	98
37) Ethyl Acetate	7.09	43	147461	50.889	ug/l	99
38) Carbon Tetrachloride	7.91	117	229857	48.511	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	311551	48.642	ug/l	96
40) Benzene	8.17	78	711954	50.342	ug/l	100
41) Methacrylonitrile	7.36	41	201329	145.965	ug/l #	24
42) 1,2-Dichloroethane	8.25	62	207175	51.284	ug/l	99
43) Isopropyl Acetate	8.28	43	286926	52.076	ug/l	99
44) Trichloroethene	8.95	130	190781	48.078	ug/l	98
45) 1,2-Dichloropropane	9.22	63	183828	52.967	ug/l	99
46) Dibromomethane	9.31	93	99003	51.030	ug/l	97
47) Bromodichloromethane	9.50	83	242877	53.119	ug/l	98
48) Methyl methacrylate	9.30	41	128956	53.406	ug/l	98
49) 1,4-Dioxane	9.31	88	27454	943.770	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	773157	272.070	ug/l	99
52) Toluene	10.25	92	453644	50.523	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	261868	53.441	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	297837	53.522	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	146946	52.092	ug/l	97
56) Ethyl methacrylate	10.52	69	220327	54.797	ug/l	100
57) 1,3-Dichloropropane	10.80	76	258200	53.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	456180	284.446	ug/l	98
59) 2-Hexanone	10.84	43	607562	304.593	ug/l	99
60) Dibromochloromethane	10.99	129	168586	53.920	ug/l	99
61) 1,2-Dibromoethane	11.09	107	143837	53.106	ug/l	98
64) Tetrachloroethene	10.72	164	200761	46.576	ug/l	94
65) Chlorobenzene	11.52	112	482867	50.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	174027	51.846	ug/l	99
67) Ethyl Benzene	11.59	91	892811	50.403	ug/l	99
68) m/p-Xylenes	11.70	106	673662	99.483	ug/l	97
69) o-Xylene	12.03	106	325026	50.314	ug/l	99
70) Styrene	12.05	104	562686	51.648	ug/l	99
71) Bromoform	12.21	173	103096	53.429	ug/l #	99
73) Isopropylbenzene	12.33	105	869208	50.578	ug/l	99
74) N-amyl acetate	12.14	43	261470	61.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	174747	54.158	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	245836	90.709	ug/l #	100
77) Bromobenzene	12.61	156	197294	51.592	ug/l	99
78) n-propylbenzene	12.67	91	1058169	51.284	ug/l	99
79) 2-Chlorotoluene	12.76	91	588826	51.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	735069	51.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	67719	54.671	ug/l	99
82) 4-Chlorotoluene	12.86	91	618734	51.368	ug/l	100
83) tert-Butylbenzene	13.08	119	614061	50.320	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	737405	51.848	ug/l	99
85) sec-Butylbenzene	13.26	105	901882	51.088	ug/l	99
86) p-Isopropyltoluene	13.37	119	802303	52.130	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	380244	50.467	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	386842	51.367	ug/l	98
89) n-Butylbenzene	13.70	91	790733	51.991	ug/l	99
90) Hexachloroethane	13.96	117	150913	52.954	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	353573	51.854	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31627	51.682	ug/l	97

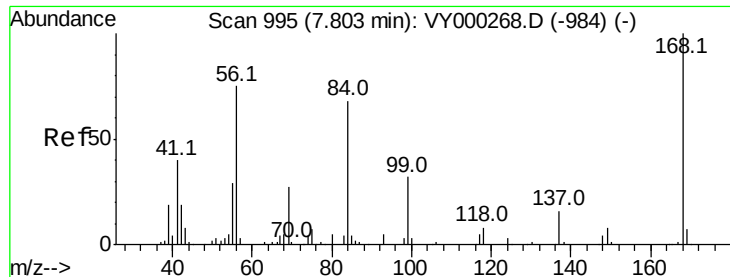
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	236595	49.837	ug/l	100
94) Hexachlorobutadiene	15.11	225	121185	47.169	ug/l	98
95) Naphthalene	15.24	128	537084	50.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	213598	49.922	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

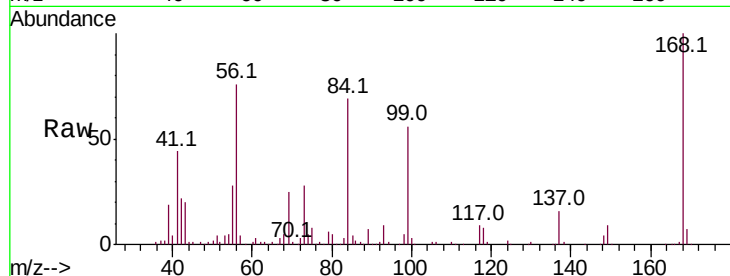
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 296501

Ion Ratio Lower Upper

168 100

99 56.2 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) (-)

7.80

150000

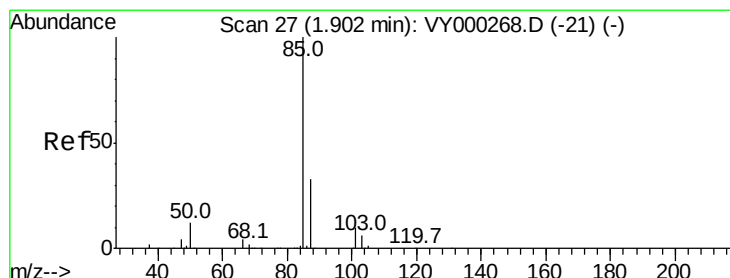
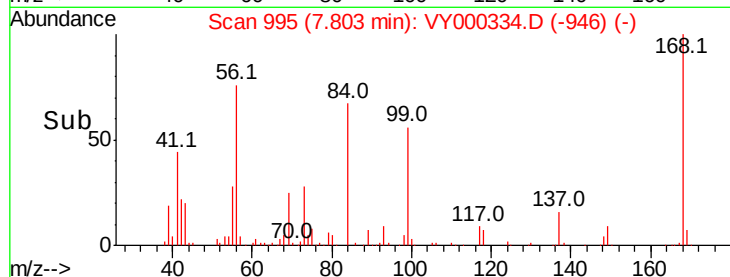
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.291 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000334.D

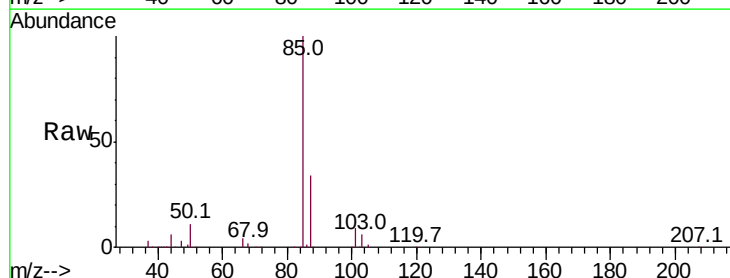
Acq: 17 Oct 2019 10:08

Tgt Ion: 85 Resp: 107030

Ion Ratio Lower Upper

85 100

87 33.9 16.6 49.8



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

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

1.91

80000

60000

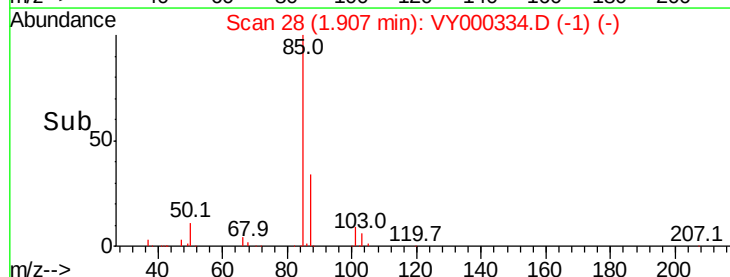
40000

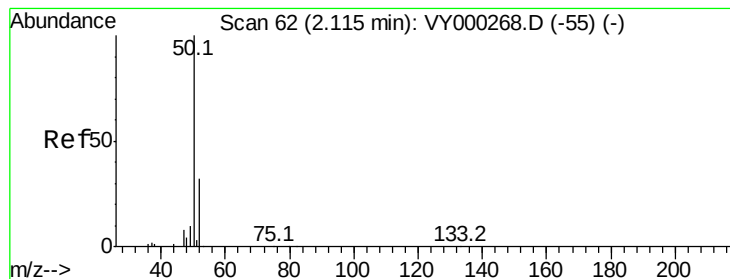
20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 42.815 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

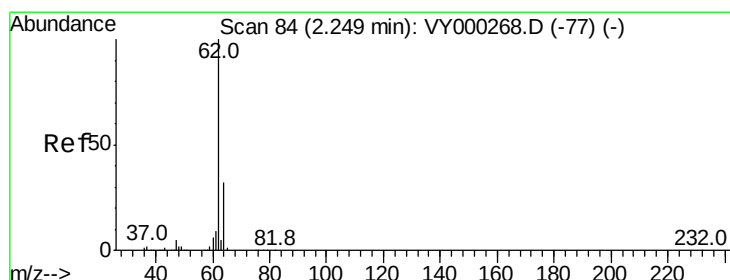
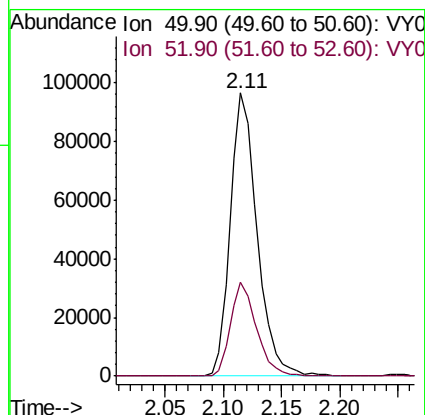
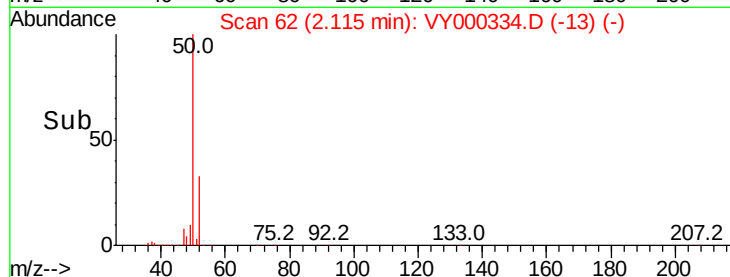
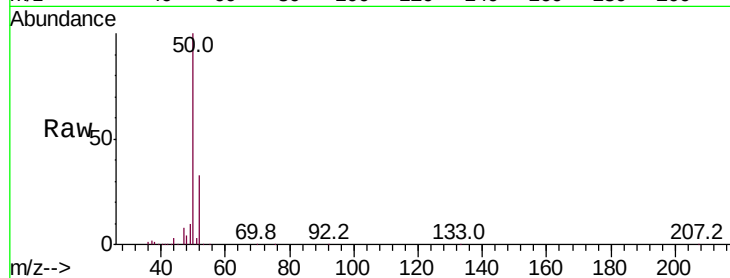
ClientSampled :

Tot Ion: 50 Resp: 155125

Ion Ratio Lower Upper

50 100

52 33.0 25.3 37.9



#4

Vinyl Chloride

Concen: 46.117 ug/l

RT: 2.25 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000334.D

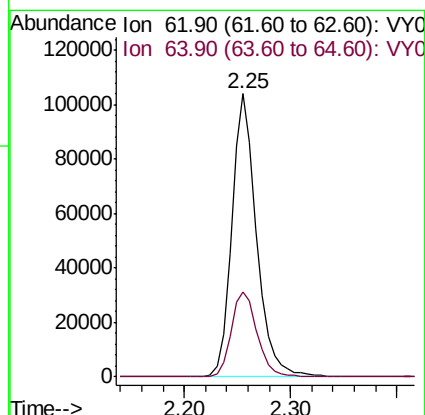
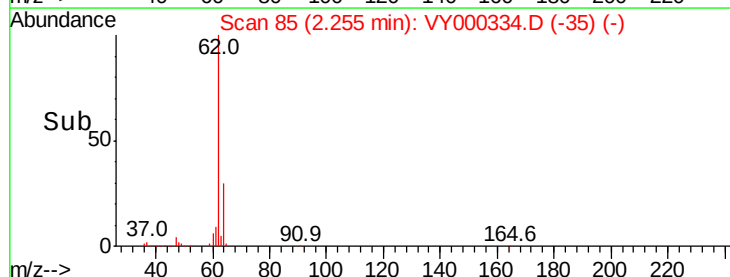
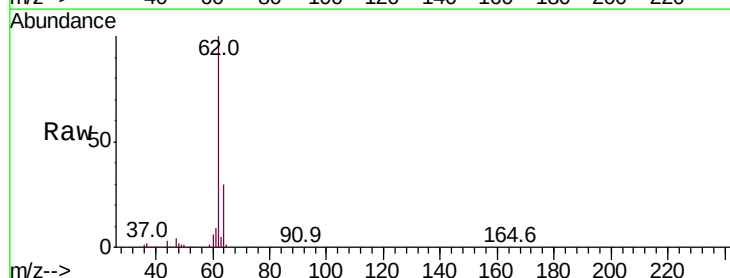
Acq: 17 Oct 2019 10:08

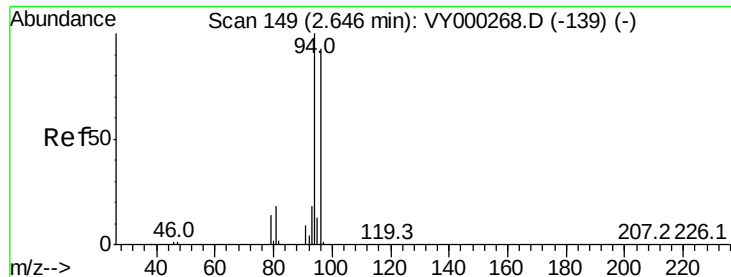
Tgt Ion: 62 Resp: 168630

Ion Ratio Lower Upper

62 100

64 29.9 25.6 38.4





#5

Bromomethane

Concen: 42.883 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

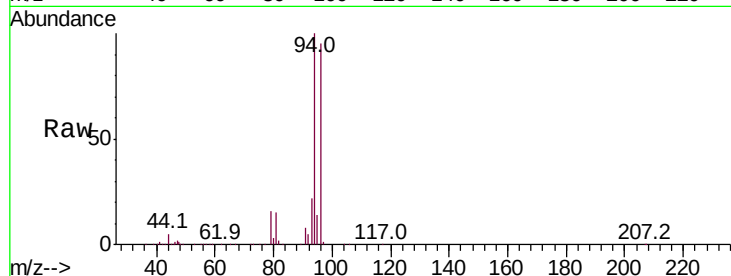
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 116211

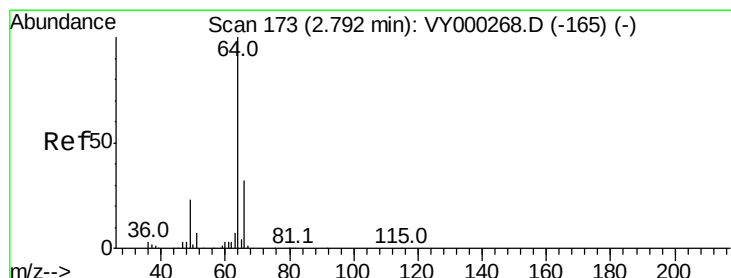
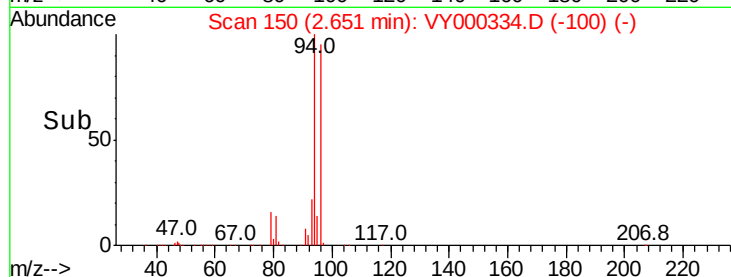
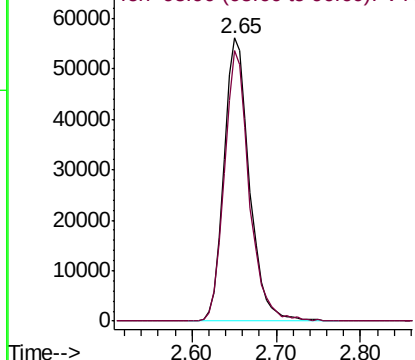
Ion Ratio Lower Upper

94 100

96 95.4 74.2 111.2



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



#6

Chloroethane

Concen: 47.191 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000334.D

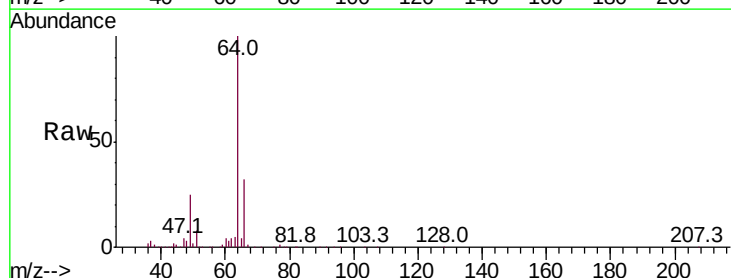
Acq: 17 Oct 2019 10:08

Tgt Ion: 64 Resp: 111337

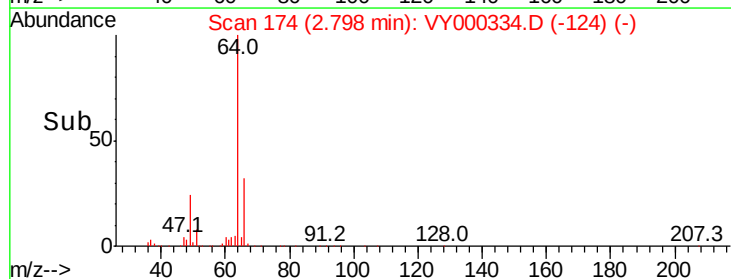
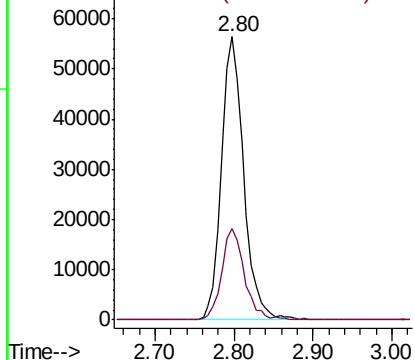
Ion Ratio Lower Upper

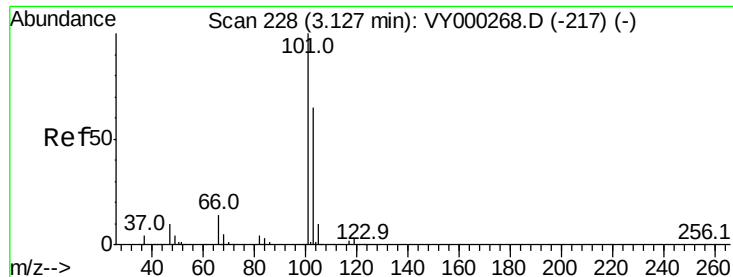
64 100

66 32.2 25.6 38.4



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



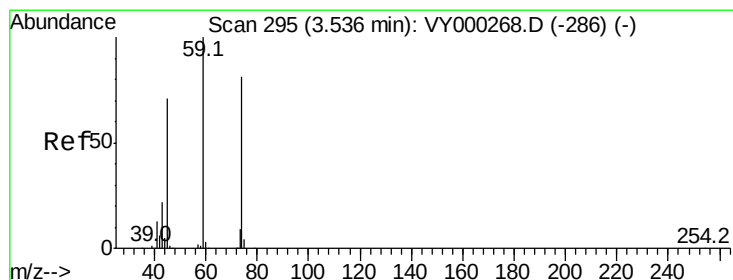
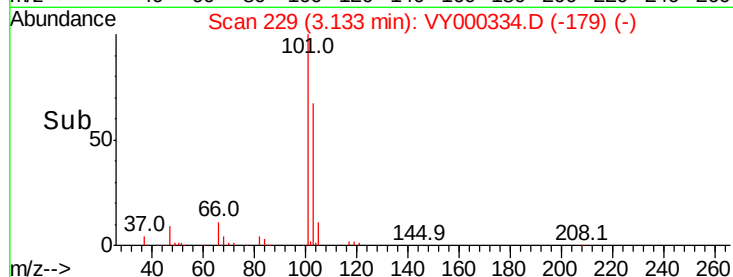
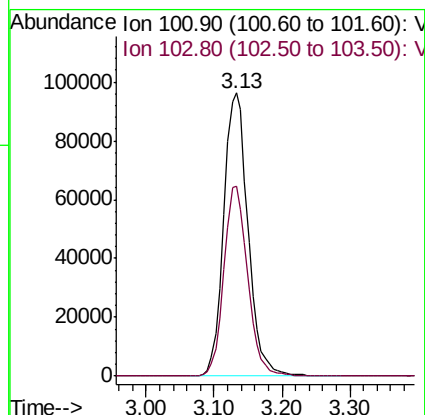
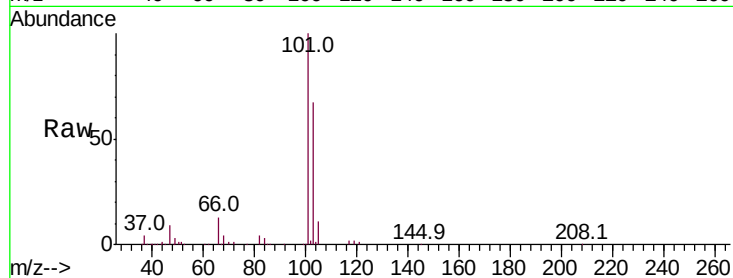


#7

Trichlorofluoromethane
Concen: 47.701 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Instrument :
MSVOA_Y
ClientSampled :

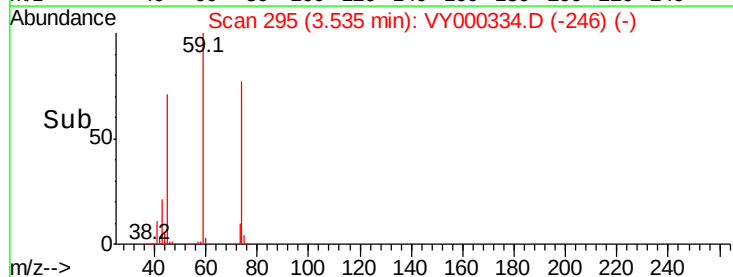
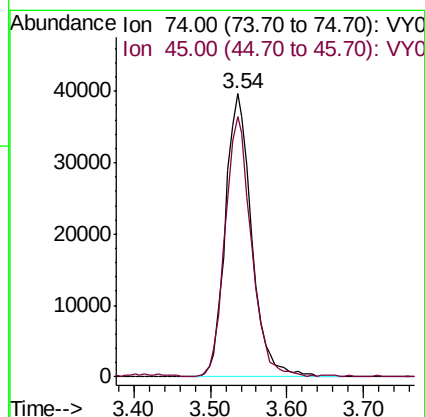
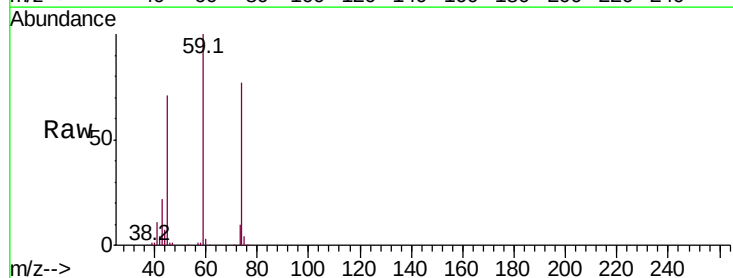
Tot Ion:101 Resp: 238588
Ion Ratio Lower Upper
101 100
103 67.3 52.2 78.4

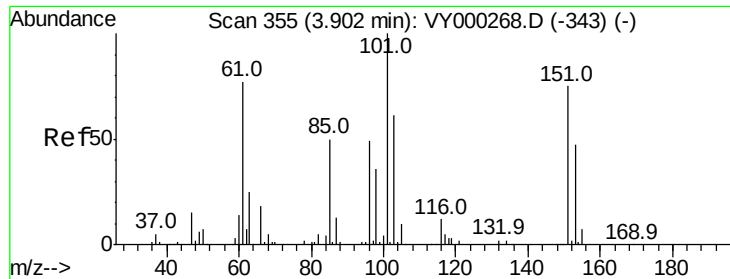


#8

Diethyl Ether
Concen: 53.332 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 74 Resp: 94236
Ion Ratio Lower Upper
74 100
45 91.8 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.877 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

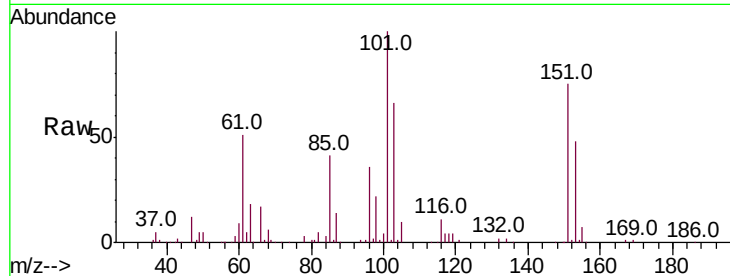
Tot Ion:101 Resp: 151293

Ion Ratio Lower Upper

101 100

85 44.8 36.6 55.0

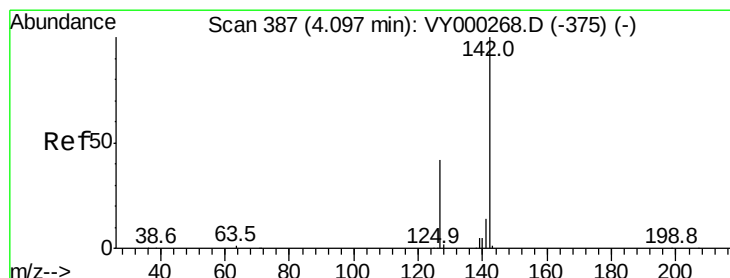
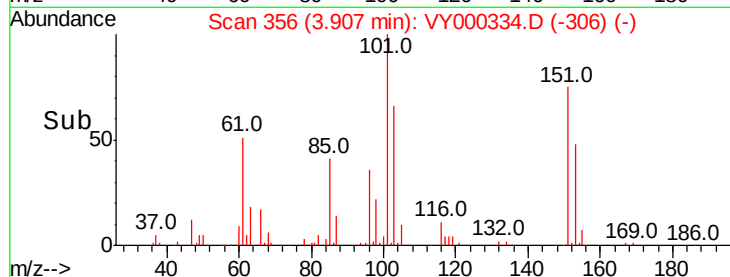
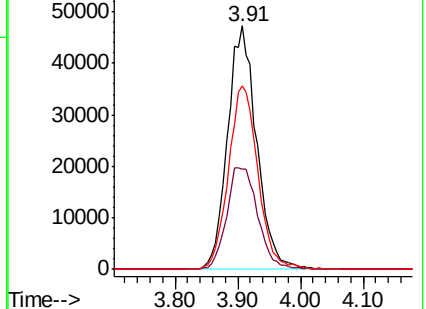
151 76.3 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.148 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

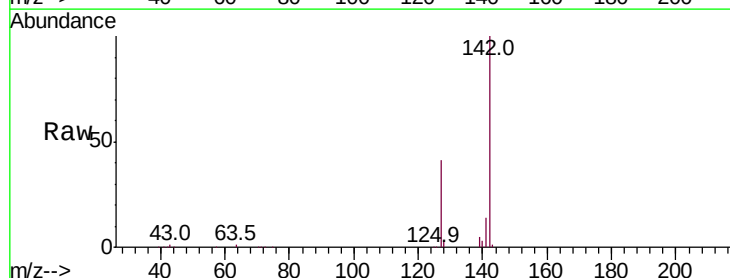
Tgt Ion:142 Resp: 212260

Ion Ratio Lower Upper

142 100

127 41.7 33.9 50.9

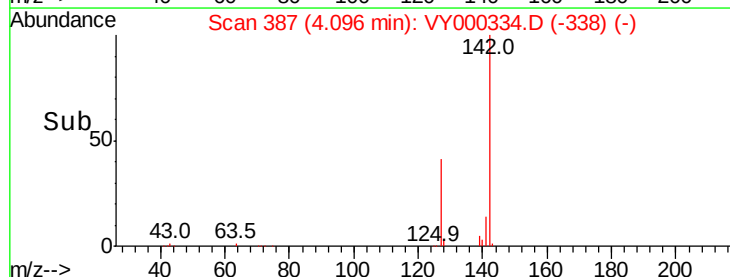
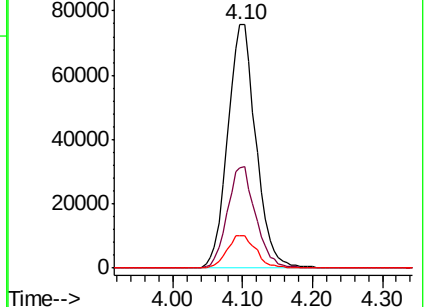
141 13.9 11.2 16.8

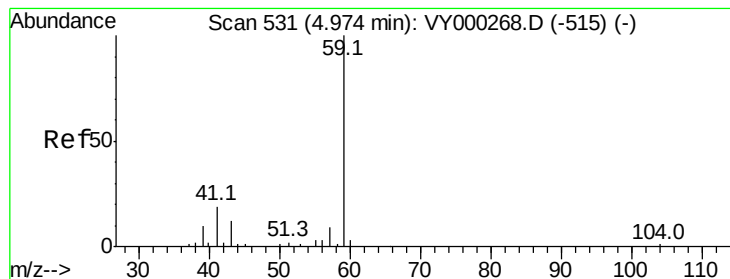


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



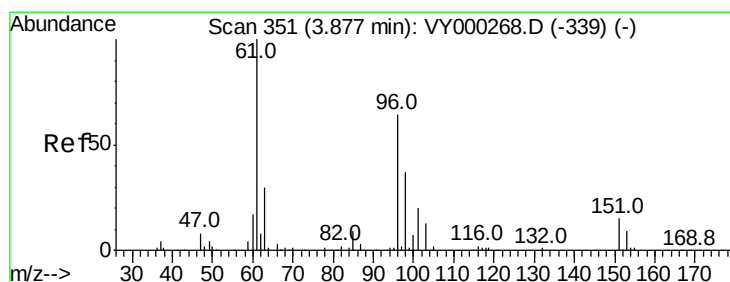
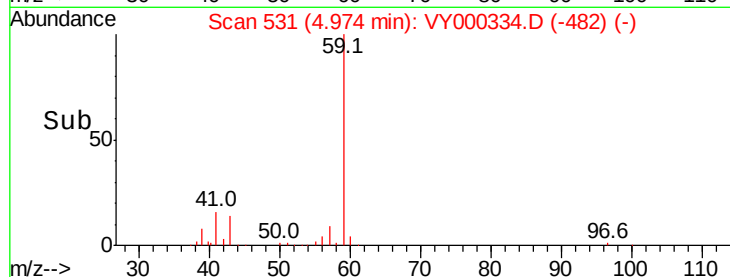
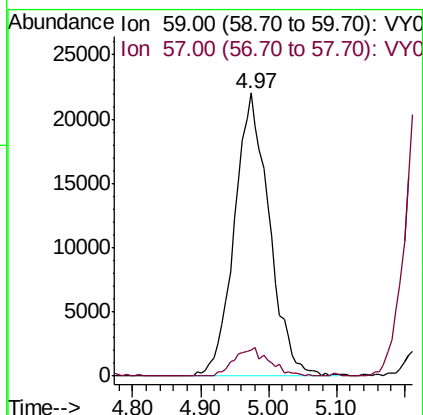
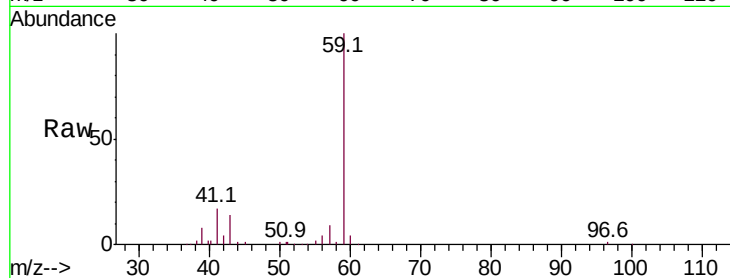


#11

Tert butyl alcohol
 Concen: 240.128 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :

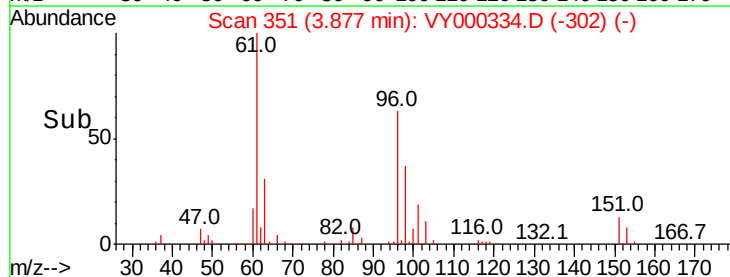
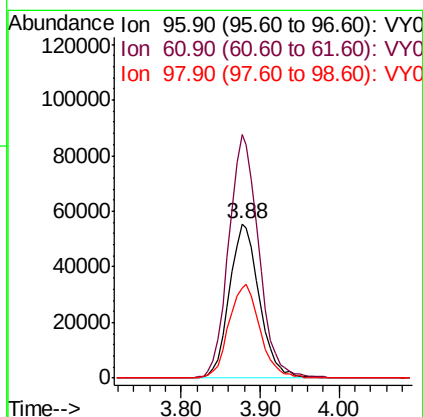
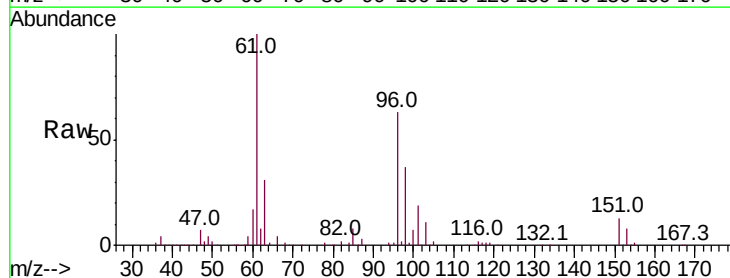
Tot Ion: 59 Resp: 78596
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

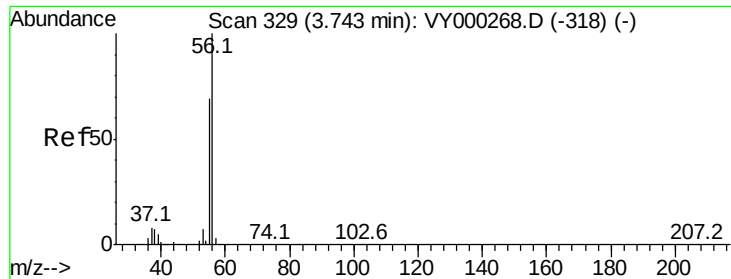


#12

1,1-Dichloroethene
 Concen: 49.010 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion: 96 Resp: 146766
 Ion Ratio Lower Upper
 96 100
 61 158.1 125.8 188.6
 98 58.7 46.2 69.2





#13

Acrolein

Concen: 274.794 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

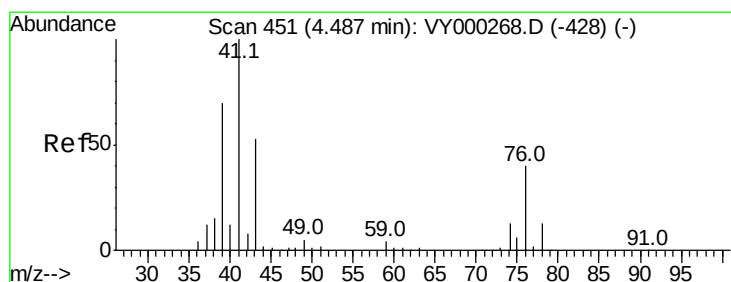
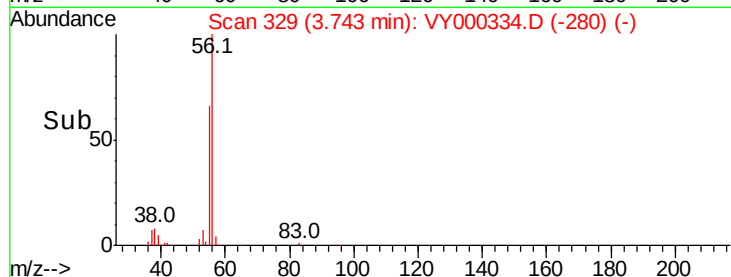
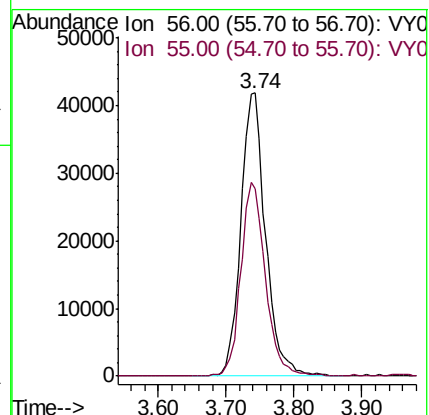
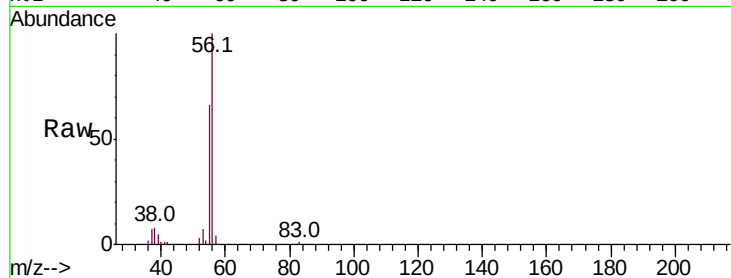
ClientSampleId :

Tot Ion: 56 Resp: 105448

Ion Ratio Lower Upper

56 100

55 68.3 55.7 83.5



#14

Allyl chloride

Concen: 52.393 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

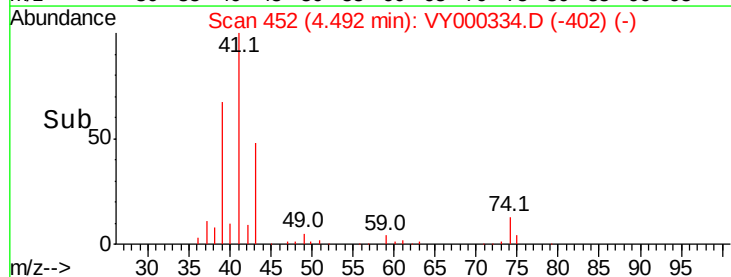
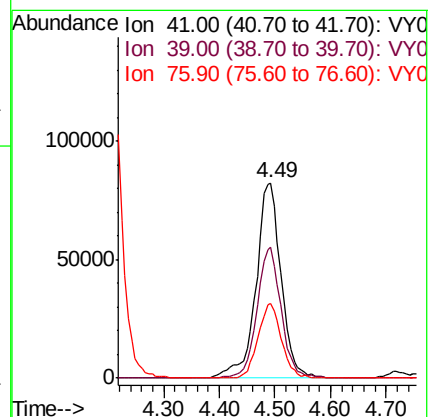
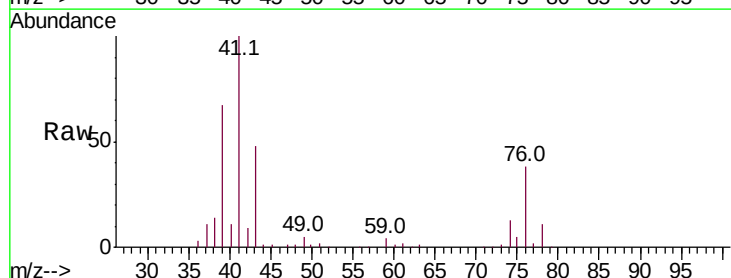
Tgt Ion: 41 Resp: 260003

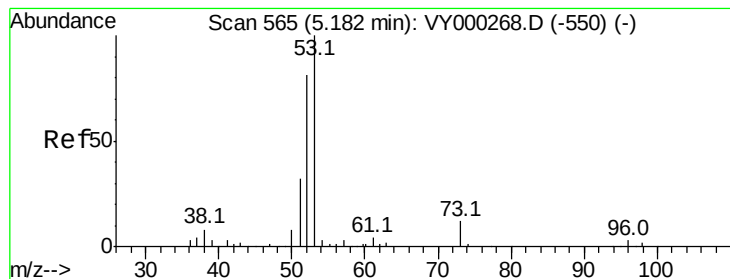
Ion Ratio Lower Upper

41 100

39 64.5 54.0 81.0

76 35.8 30.7 46.1





#15

Acrylonitrile

Concen: 260.896 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

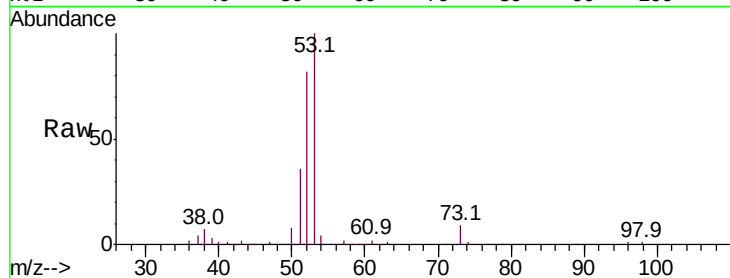
Tot Ion: 53 Resp: 258028

Ion Ratio Lower Upper

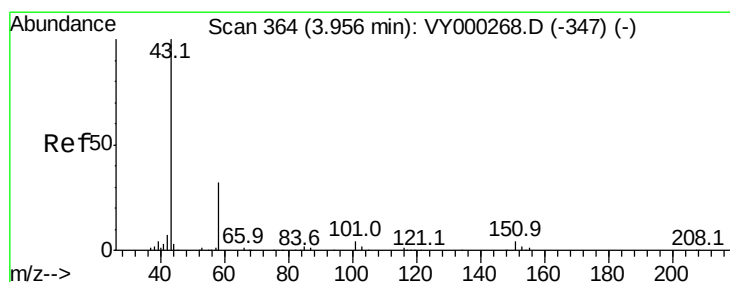
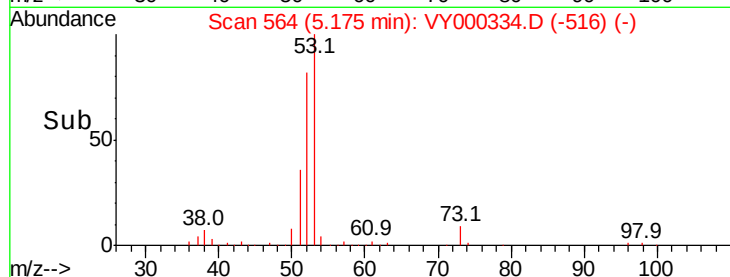
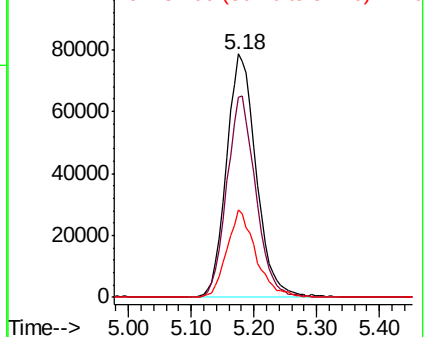
53 100

52 80.2 62.9 94.3

51 35.1 26.9 40.3



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



#16

Acetone

Concen: 240.748 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000334.D

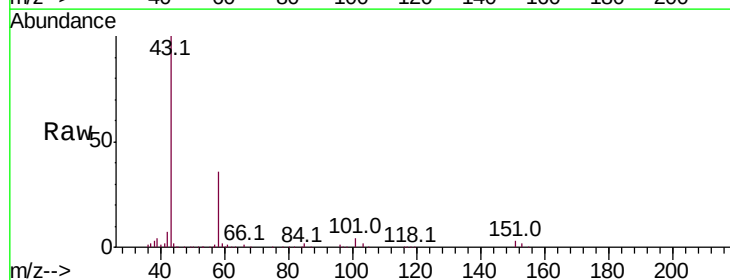
Acq: 17 Oct 2019 10:08

Tgt Ion: 43 Resp: 243843

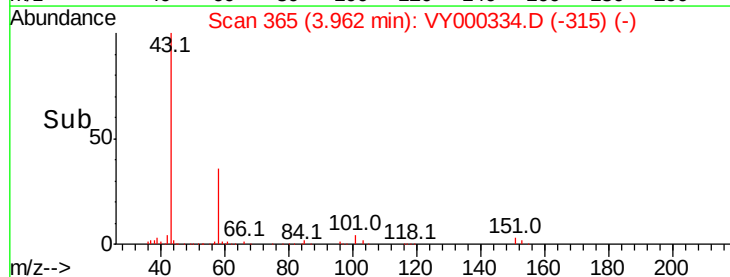
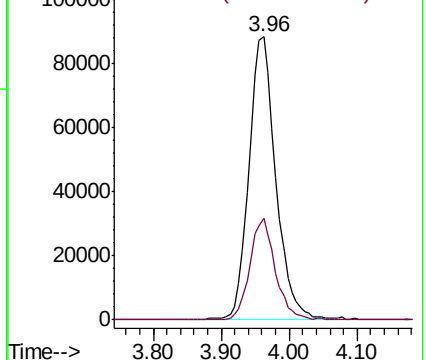
Ion Ratio Lower Upper

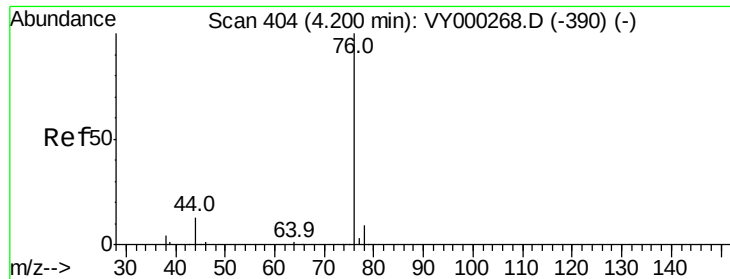
43 100

58 36.0 25.8 38.6



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

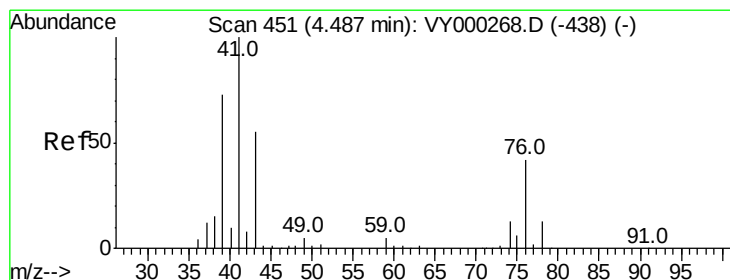
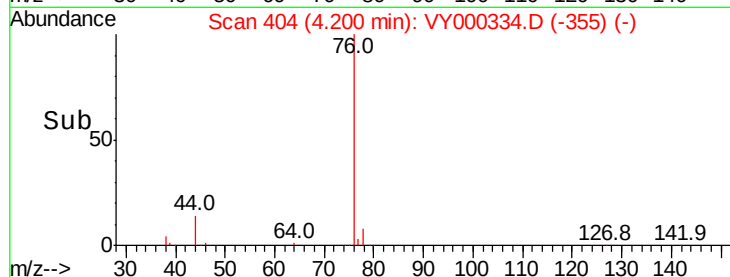
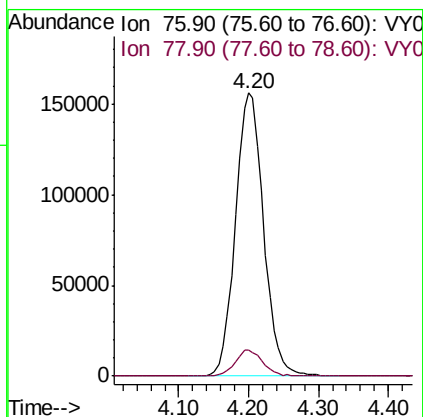
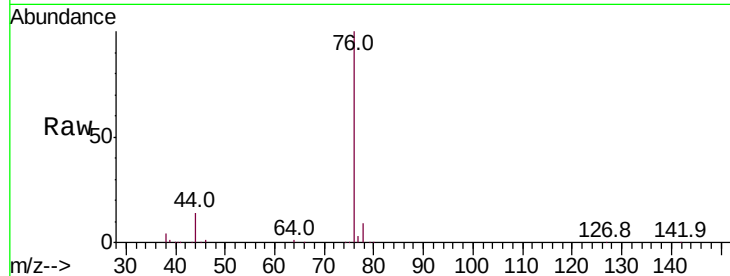




#17
Carbon Disulfide
Concen: 46.144 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

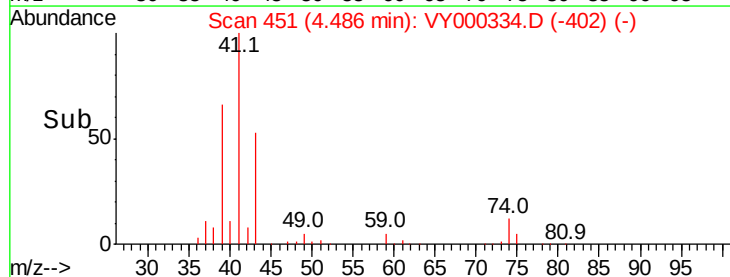
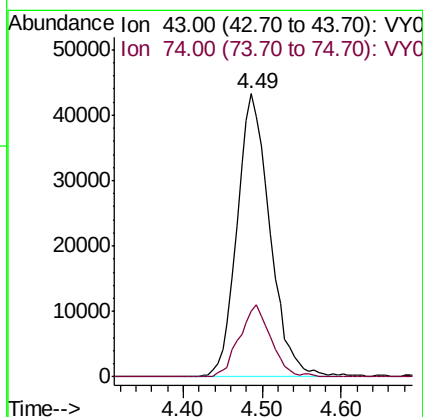
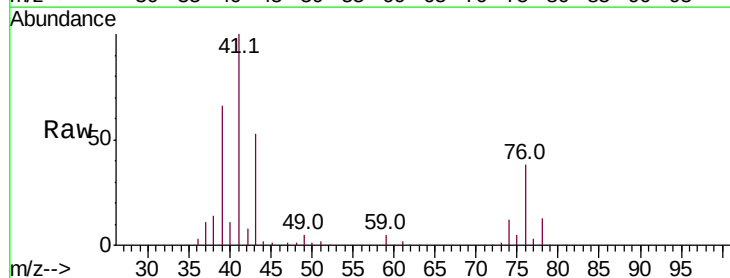
Instrument :
MSVOA_Y
ClientSampleId :

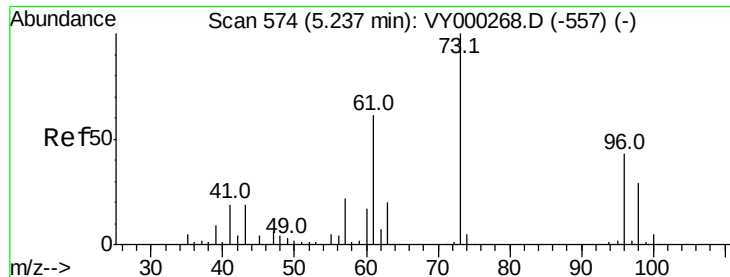
Tot Ion: 76 Resp: 435070
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 49.848 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 43 Resp: 125445
Ion Ratio Lower Upper
43 100
74 24.6 20.4 30.6

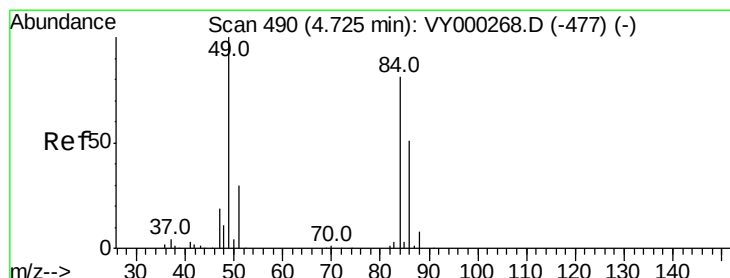
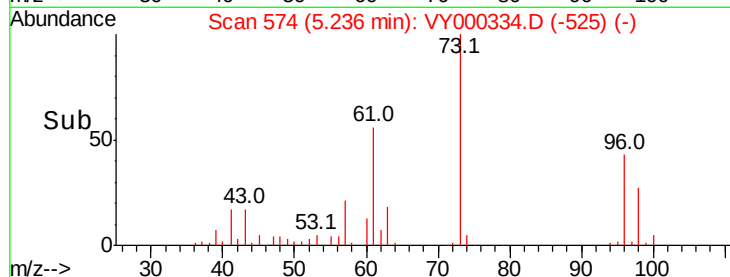
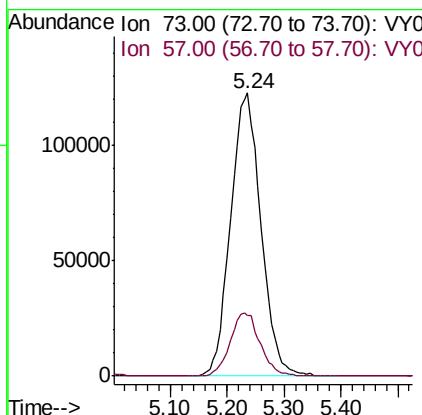
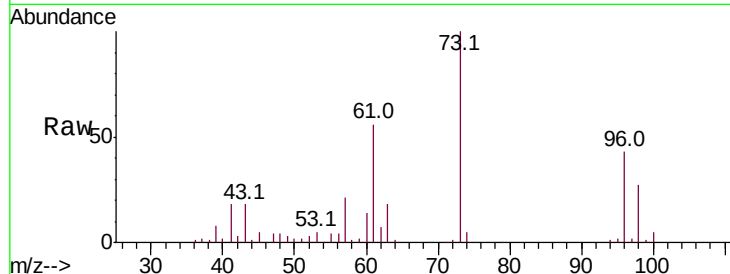




#19
Methyl tert-butyl Ether
Concen: 54.834 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

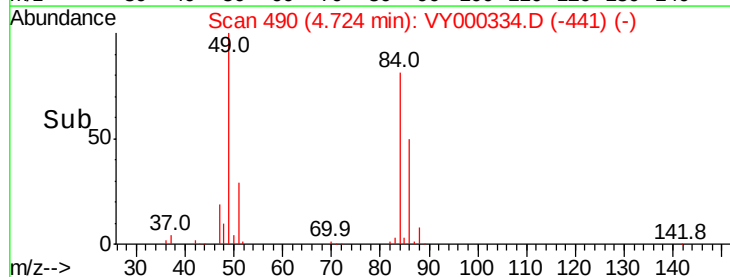
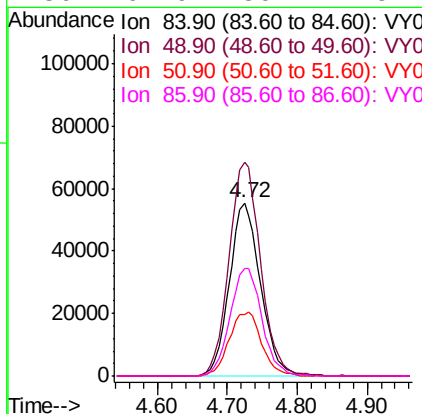
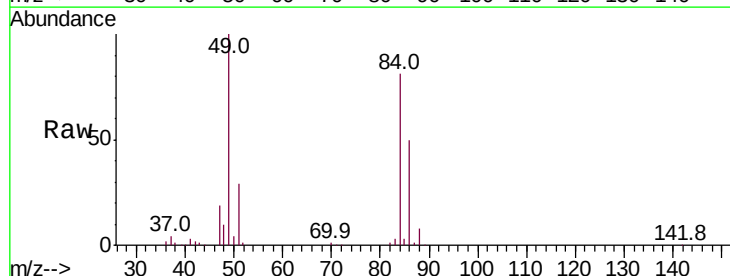
Instrument :
MSVOA_Y
ClientSampleId :

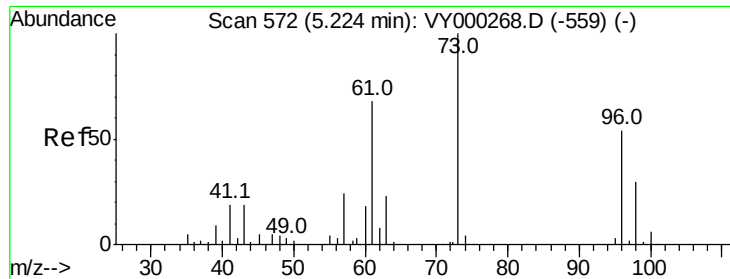
Tot Ion: 73 Resp: 457114
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 50.184 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 84 Resp: 171193
Ion Ratio Lower Upper
84 100
49 123.5 99.0 148.4
51 35.3 29.3 43.9
86 61.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 50.126 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :
MSVOA_Y
ClientSampleId :

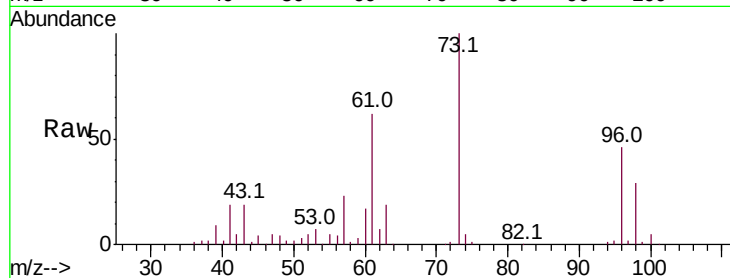
Tot Ion: 96 Resp: 172216

Ion Ratio Lower Upper

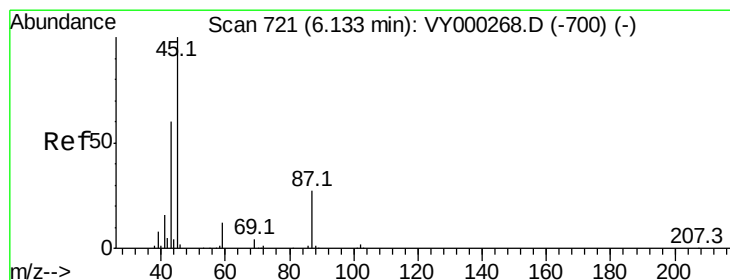
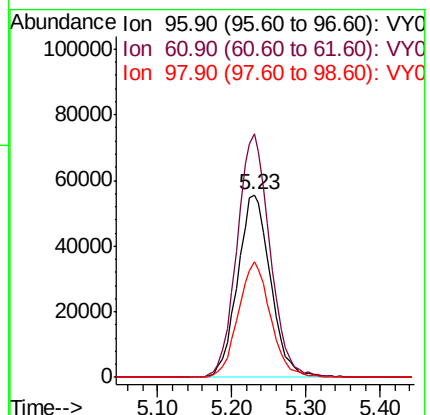
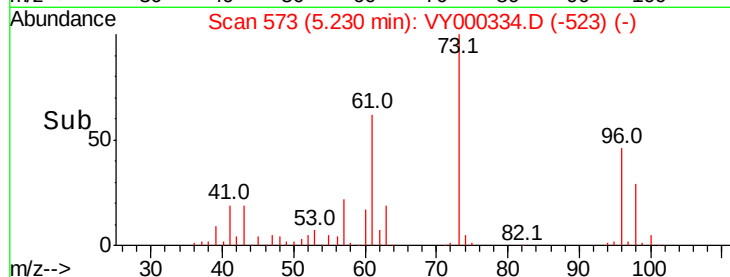
96 100

61 133.3 100.4 150.6

98 63.4 44.6 66.8



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



#22

Diisopropyl ether

Concen: 55.096 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Tgt Ion: 45 Resp: 578284

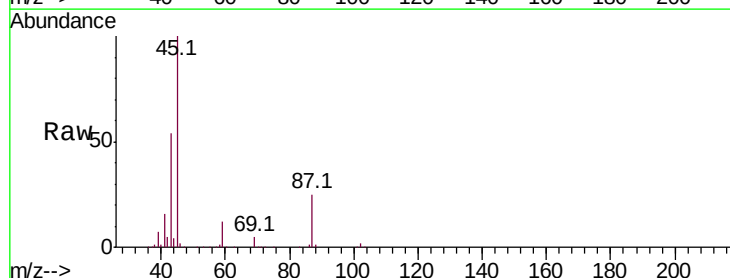
Ion Ratio Lower Upper

45 100

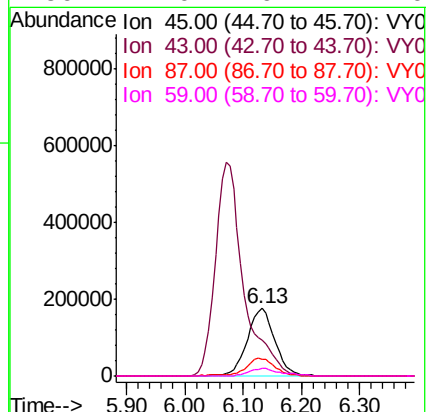
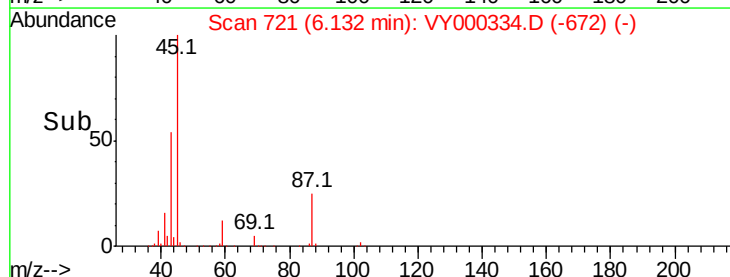
43 53.3 48.5 72.7

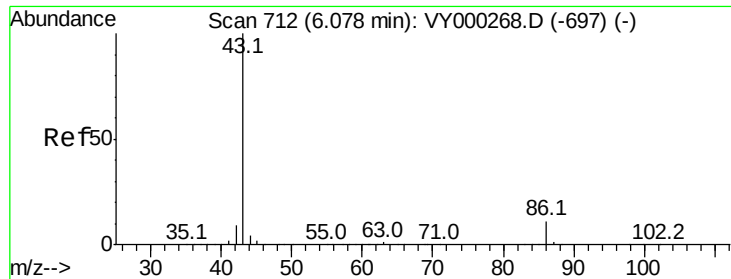
87 24.9 21.5 32.3

59 12.0 9.4 14.0



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





#23

Vinyl Acetate

Concen: 272.640 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

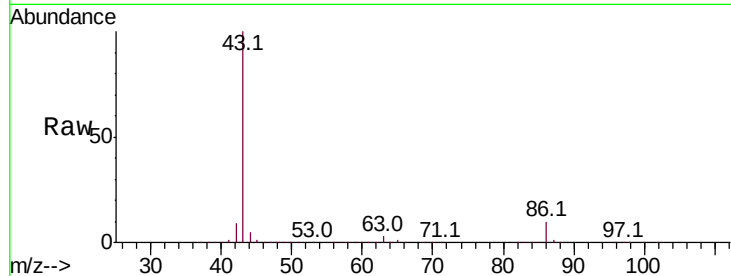
ClientSampled :

Tot Ion: 43 Resp: 1866879

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600000

500000

400000

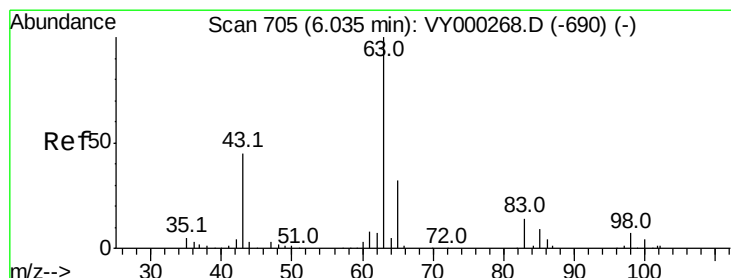
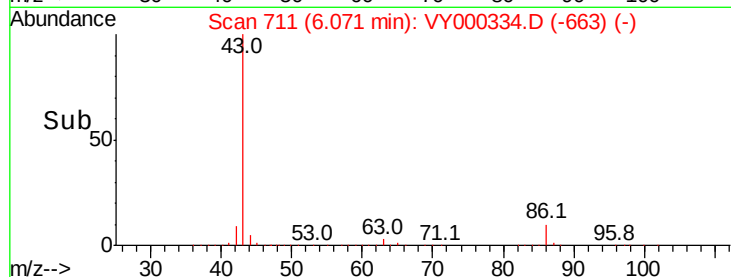
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.923 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

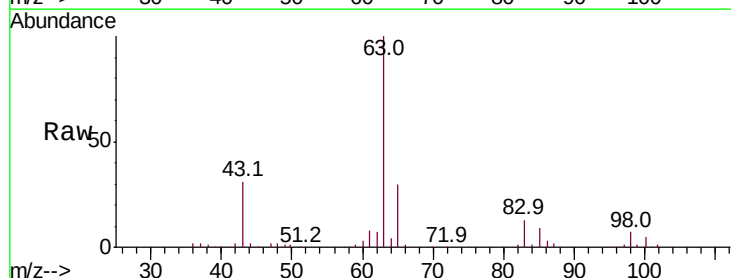
Tgt Ion: 63 Resp: 303198

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

120000

100000

80000

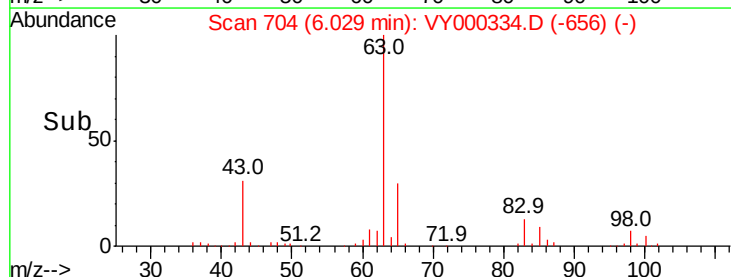
60000

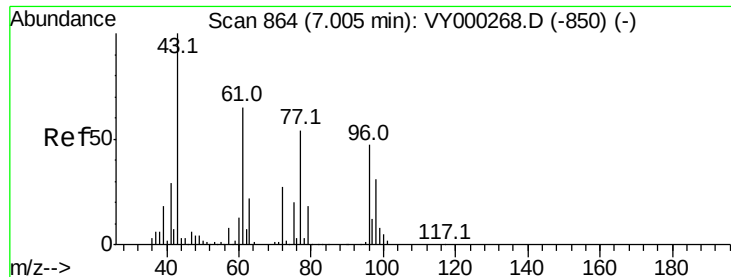
40000

20000

0

Time-->





#25

2-Butanone

Concen: 283.236 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

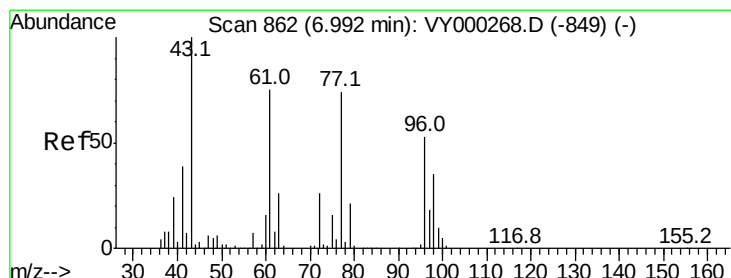
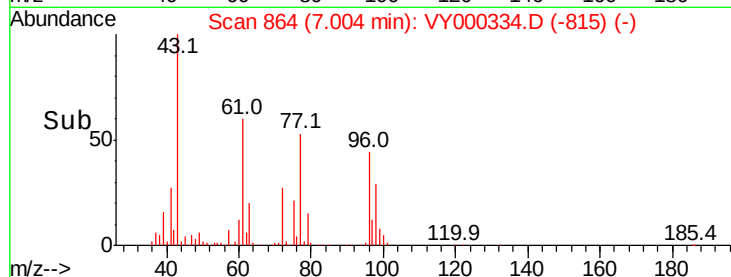
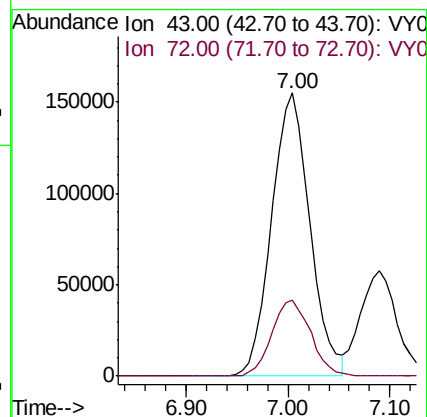
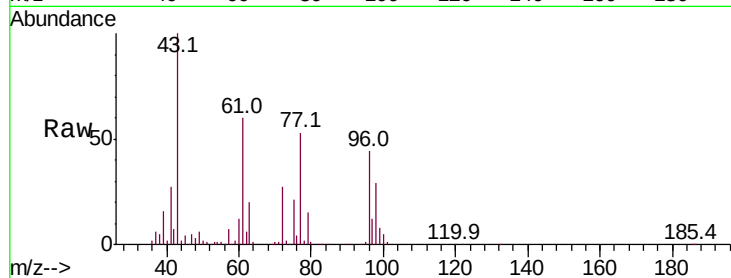
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 404119

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 52.237 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000334.D

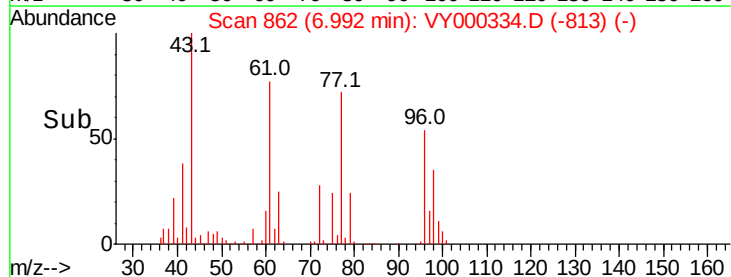
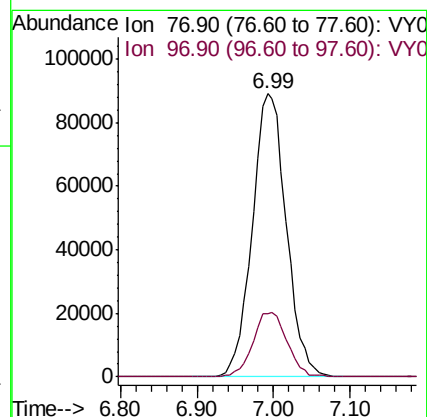
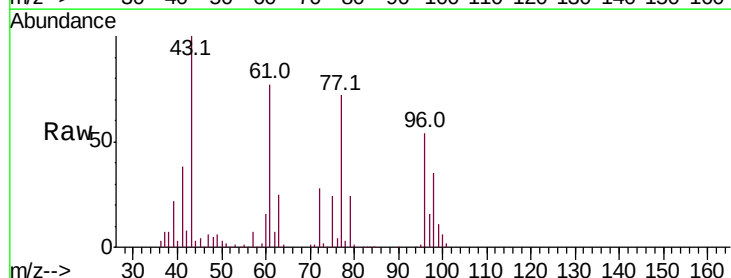
Acq: 17 Oct 2019 10:08

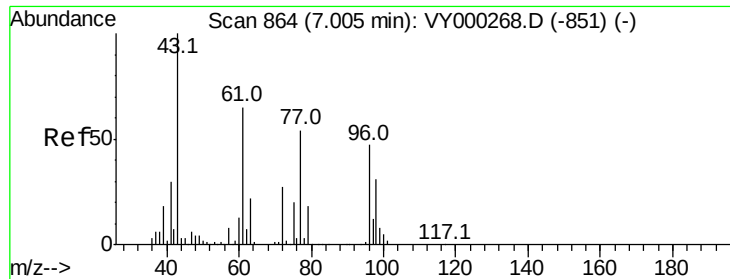
Tgt Ion: 77 Resp: 275767

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.7



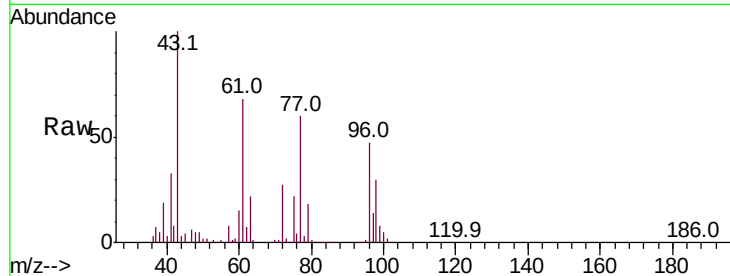


#27

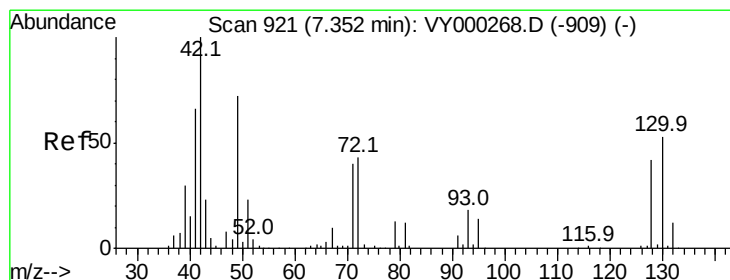
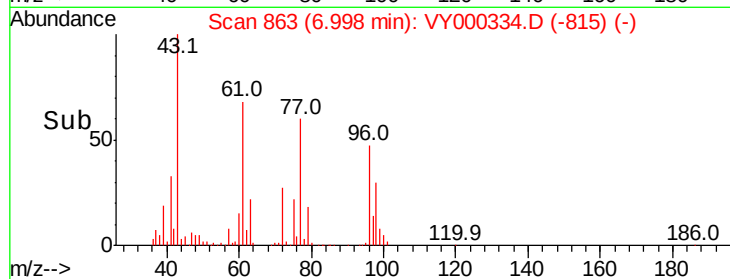
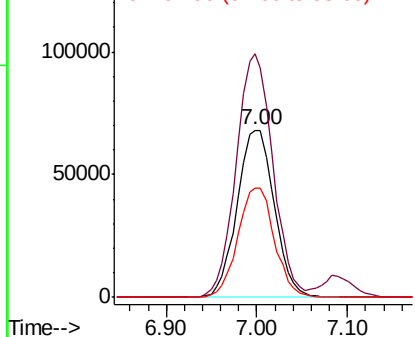
cis-1,2-Dichloroethene
Concen: 52.253 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	289.8
98	64.1	0.0	131.8



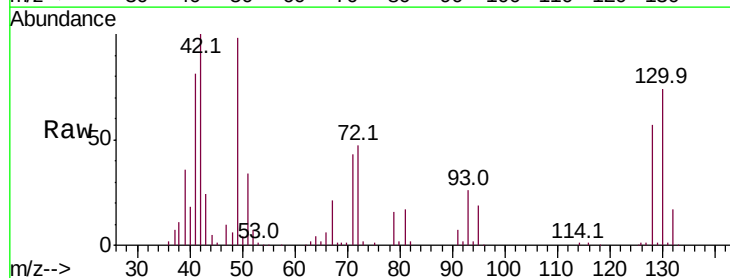
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



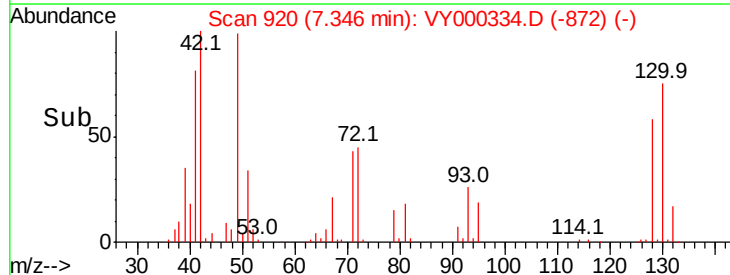
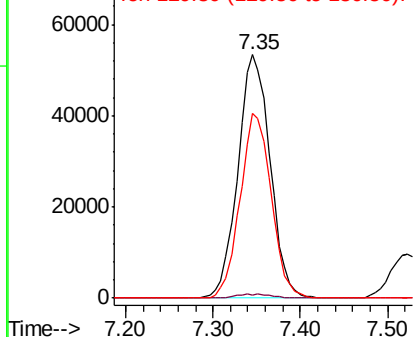
#28

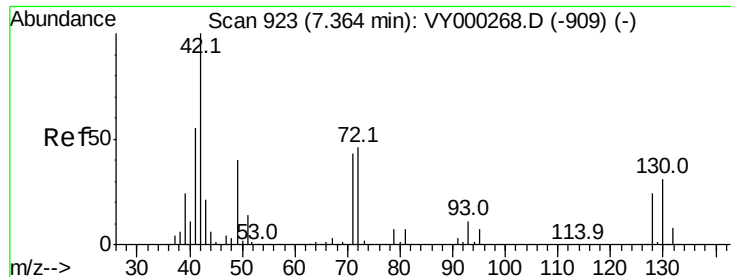
Bromochloromethane
Concen: 55.442 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	73.4	58.2	87.2



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

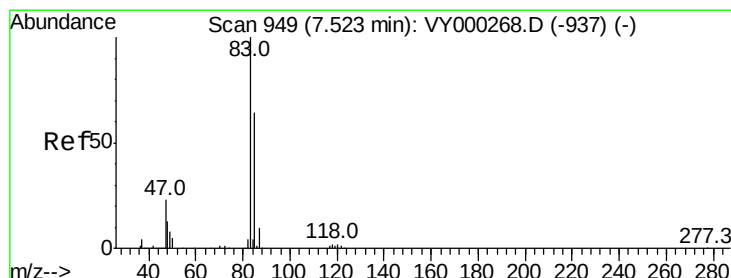
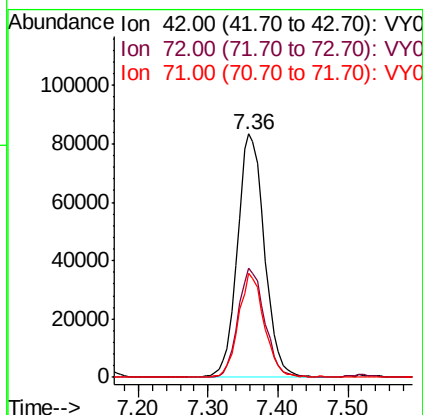
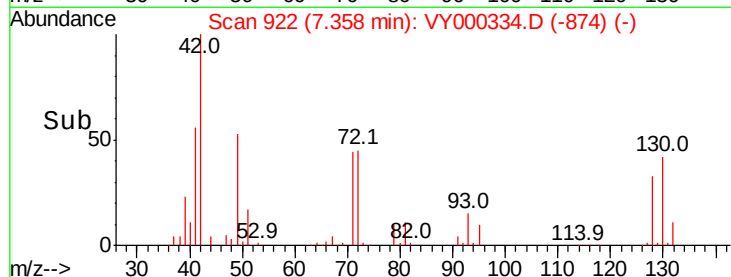
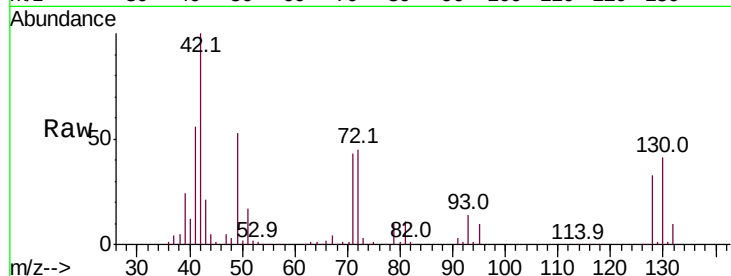




#29
Tetrahydrofuran
Concen: 259.098 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

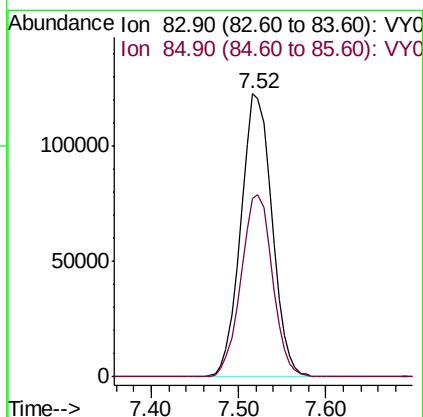
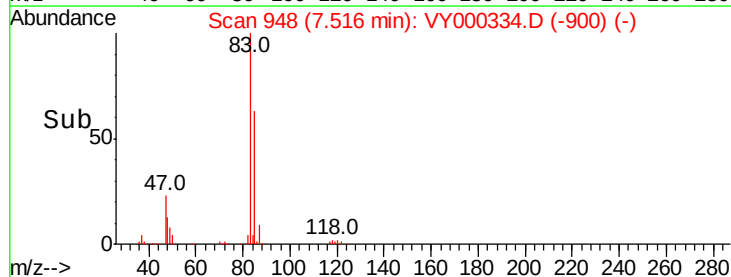
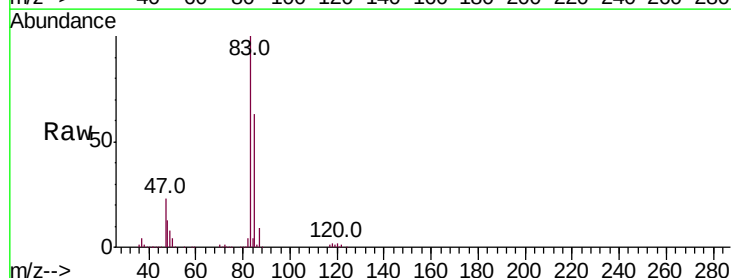
Instrument :
MSVOA_Y
ClientSampleId :

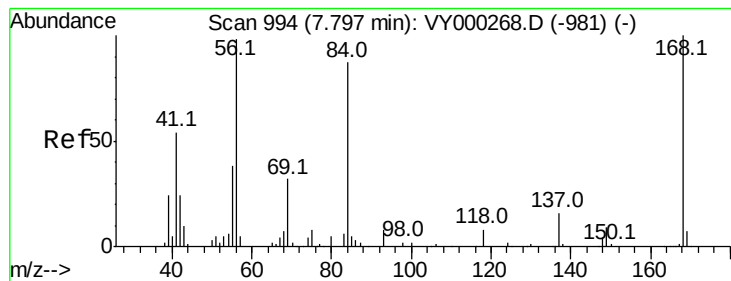
Tot Ion: 42 Resp: 224040
Ion Ratio Lower Upper
42 100
72 44.1 34.5 51.7
71 40.6 32.7 49.1



#30
Chloroform
Concen: 52.900 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 83 Resp: 305210
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2





#31

Cyclohexane

Concen: 48.236 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

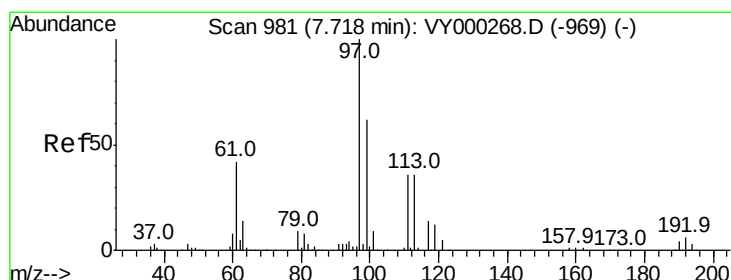
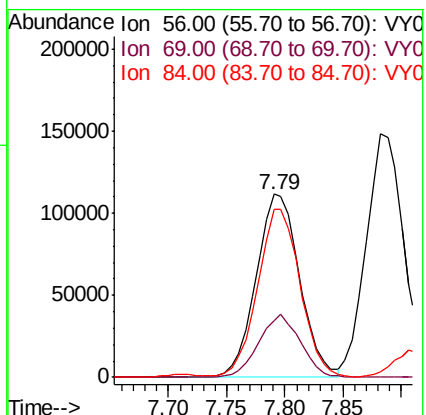
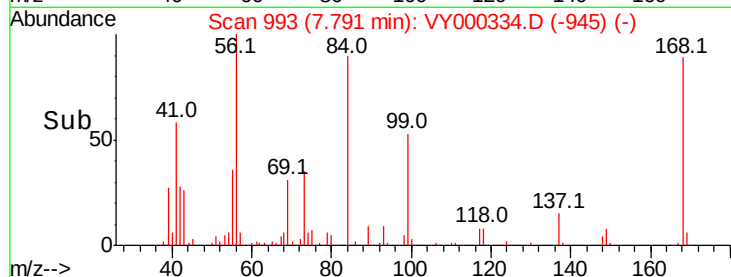
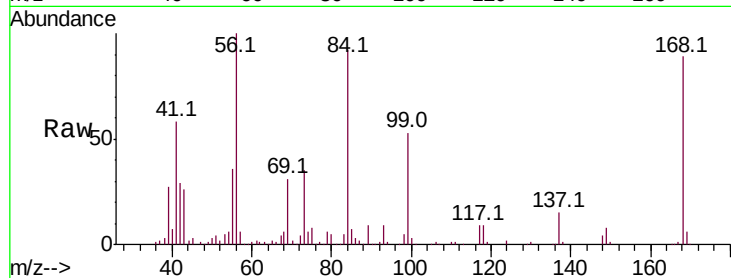
Tot Ion: 56 Resp: 288631

Ion Ratio Lower Upper

56 100

69 31.3 26.3 39.5

84 90.3 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 51.661 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

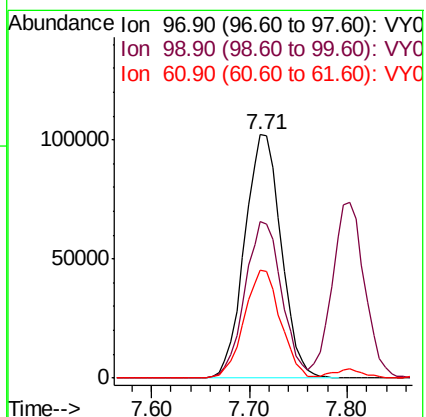
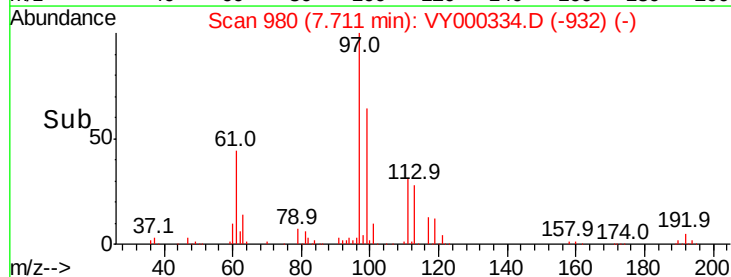
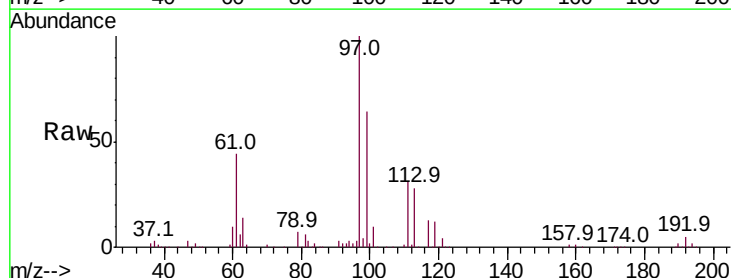
Tgt Ion: 97 Resp: 264989

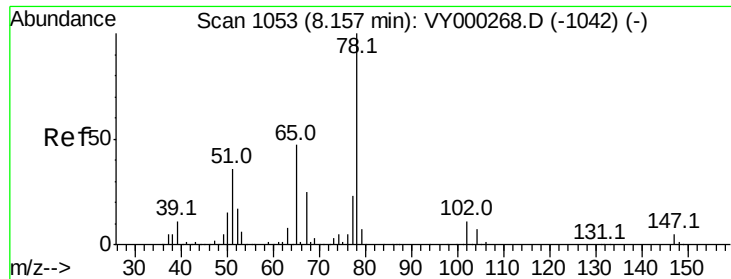
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 43.9 34.5 51.7

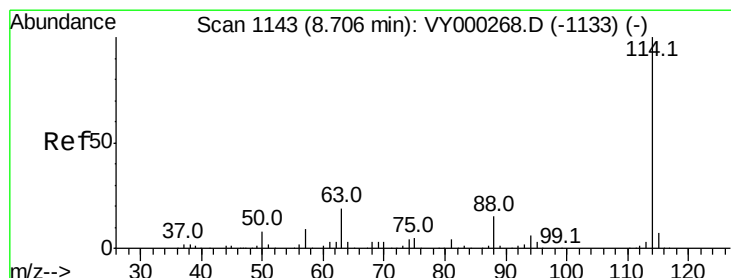
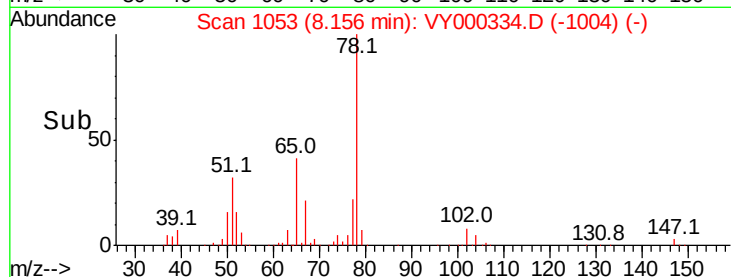
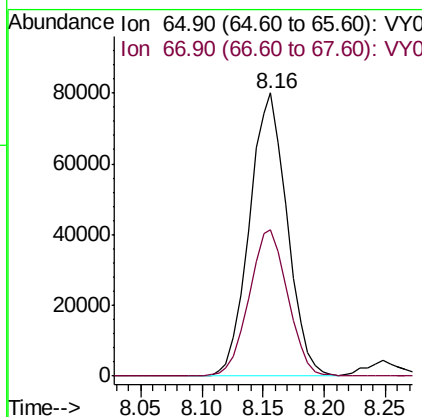
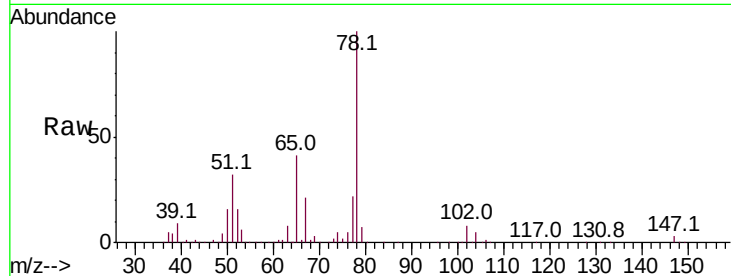




#33
 1,2-Dichloroethane-d4
 Concen: 54.789 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

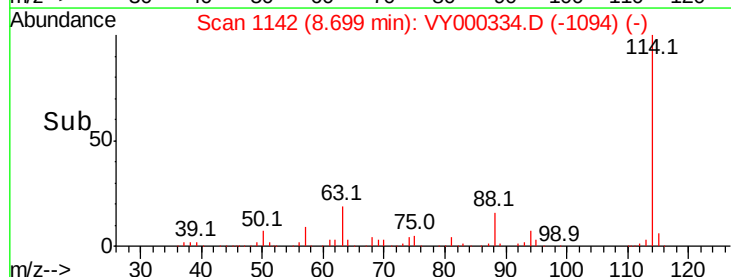
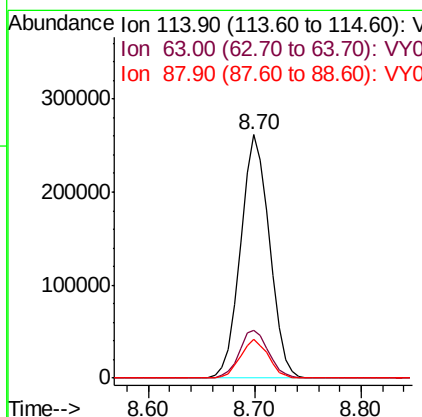
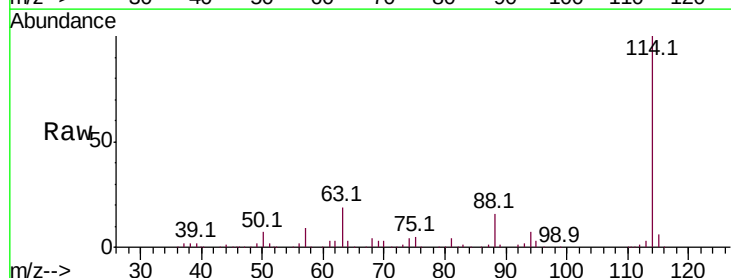
Instrument :
 MSVOA_Y
 ClientSampled :

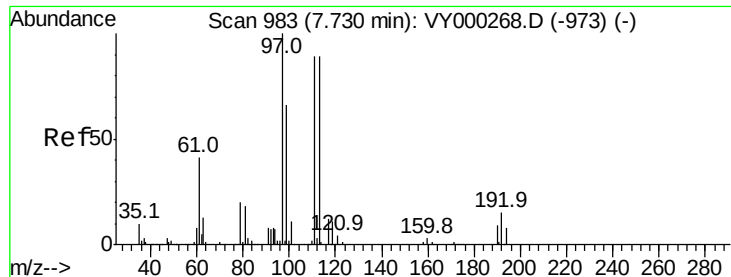
Tot Ion: 65 Resp: 171359
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion: 114 Resp: 499839
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.2
 88 15.8 0.0 30.2

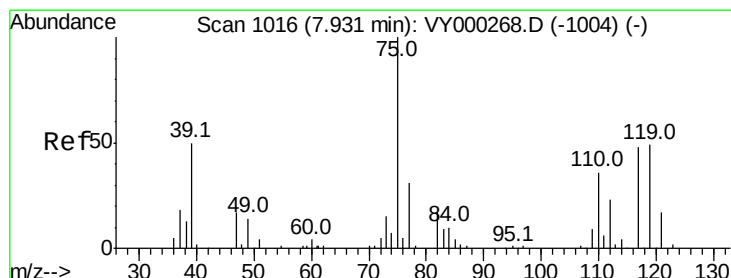
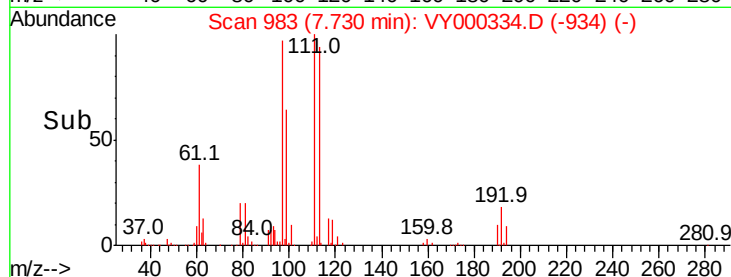
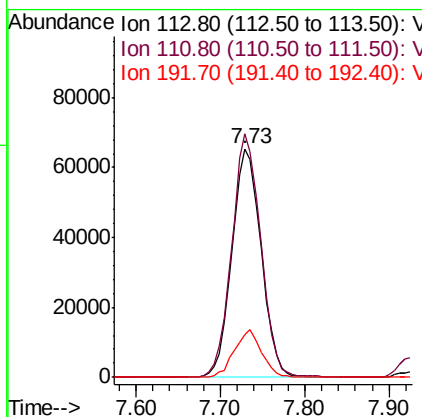
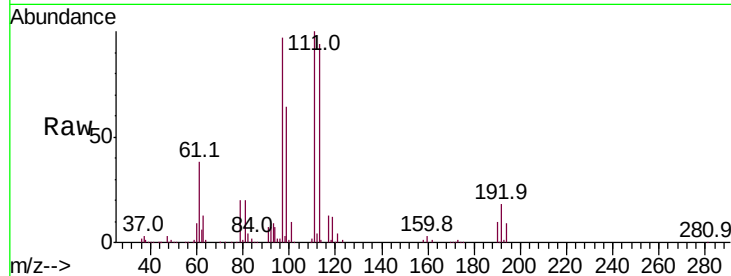




#35
 Dibromofluoromethane
 Concen: 50.791 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

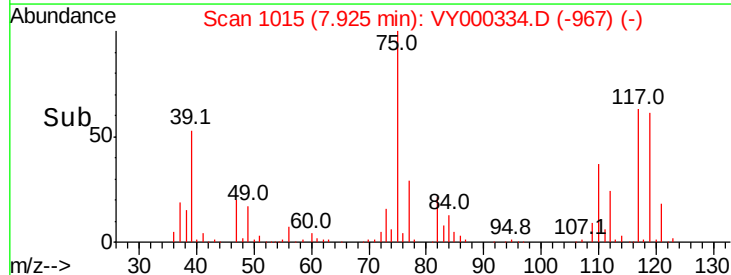
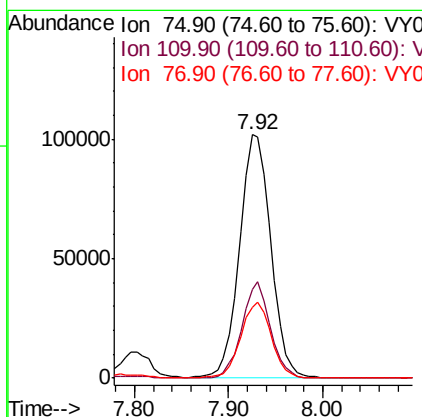
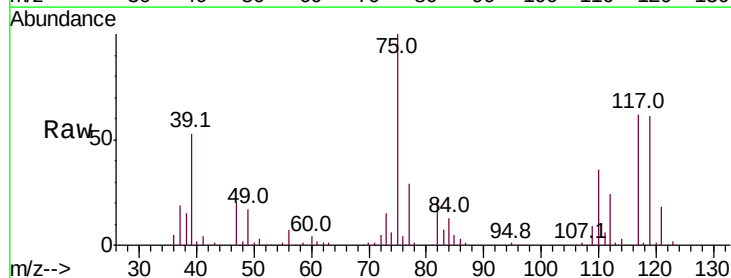
Instrument :
 MSVOA_Y
 ClientSampleId :

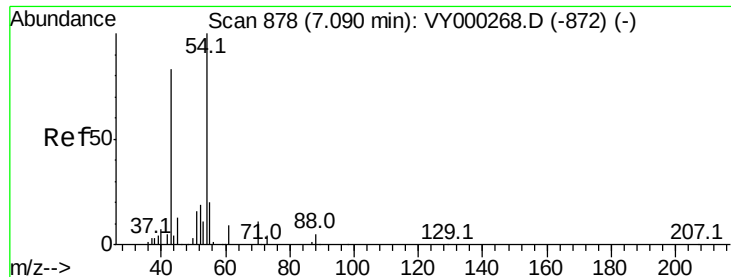
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.6	122.4
192	19.4	15.3	22.9



#36
 1,1-Dichloropropene
 Concen: 48.381 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.4	55.4
77	30.7	25.0	37.6

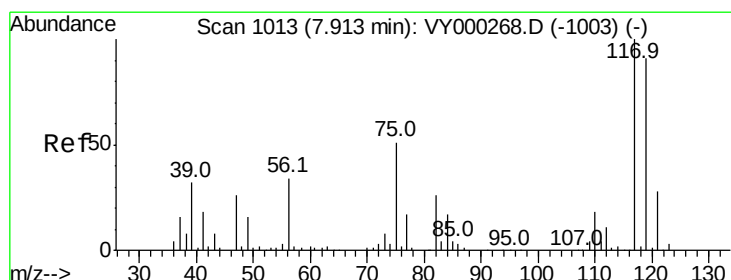
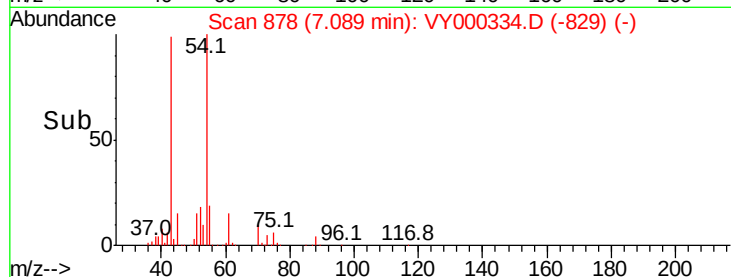
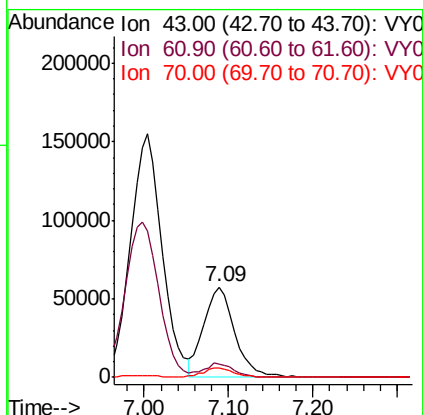
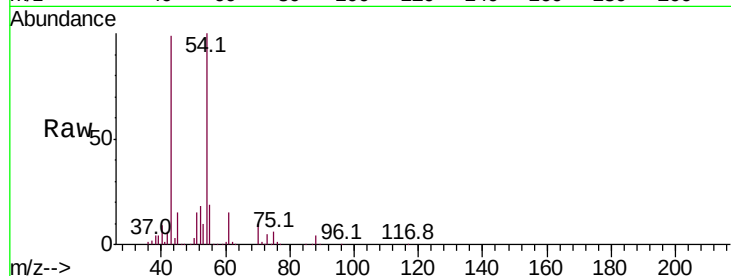




#37
Ethyl Acetate
Concen: 50.889 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

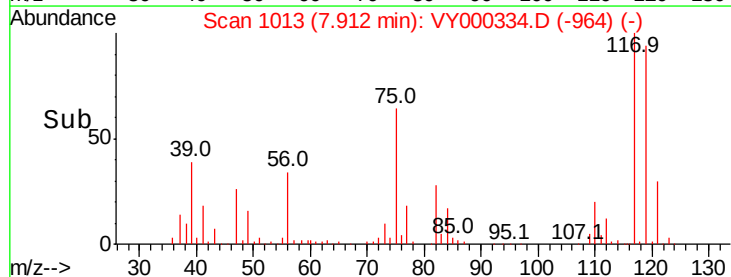
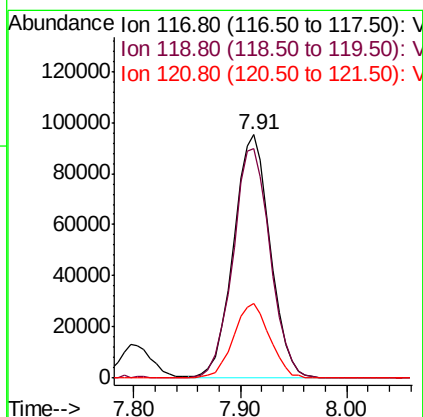
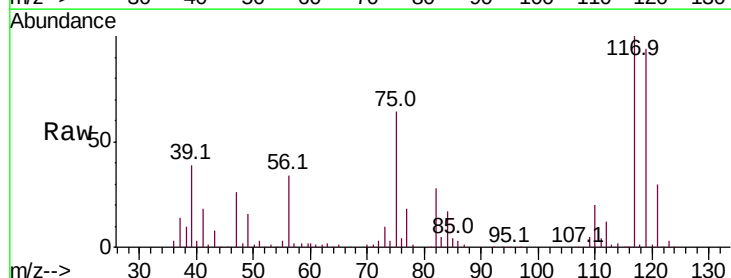
Instrument :
MSVOA_Y
ClientSampleId :

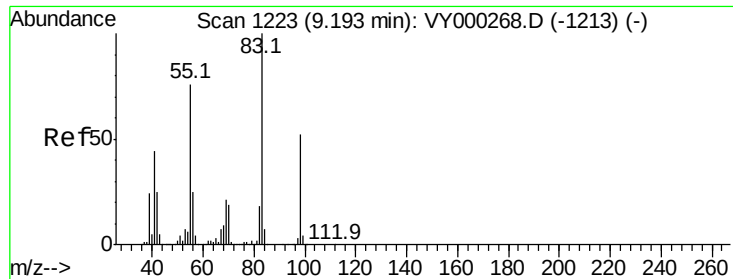
Tot Ion: 43 Resp: 147461
Ion Ratio Lower Upper
43 100
61 14.4 12.1 18.1
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.511 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 117 Resp: 229857
Ion Ratio Lower Upper
117 100
119 94.4 72.8 109.2
121 30.5 22.2 33.2

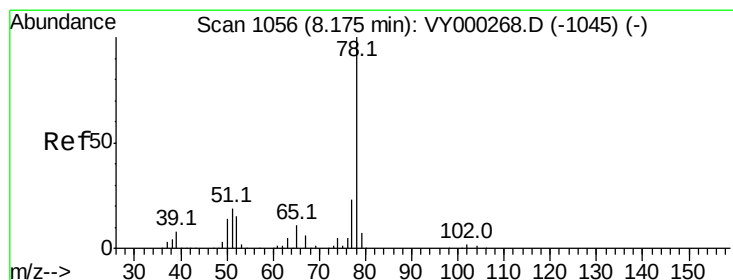
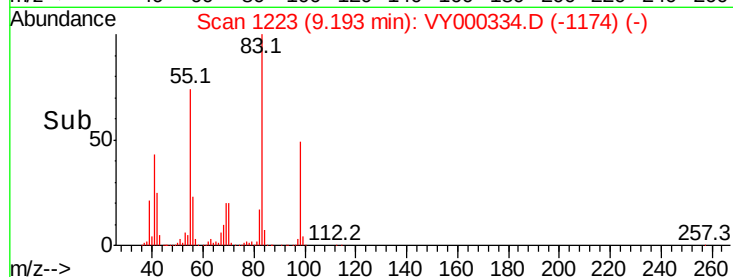
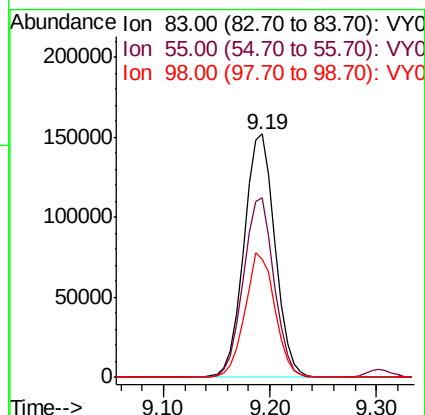
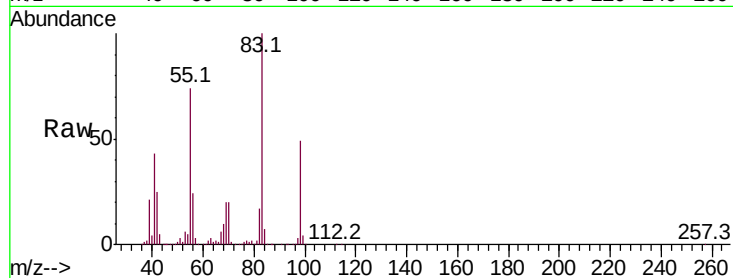




#39
Methylvlcyclohexane
Concen: 48.642 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

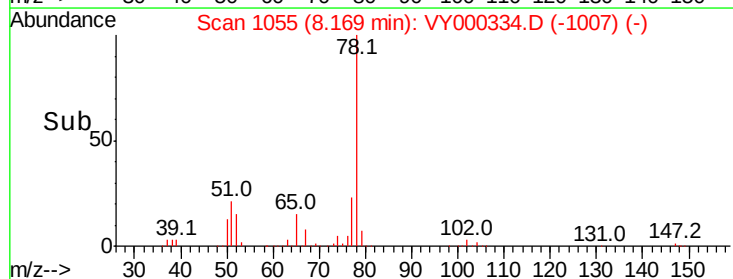
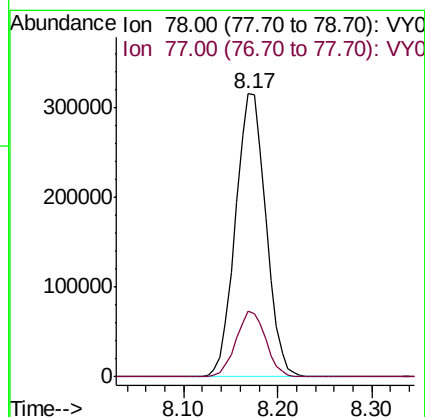
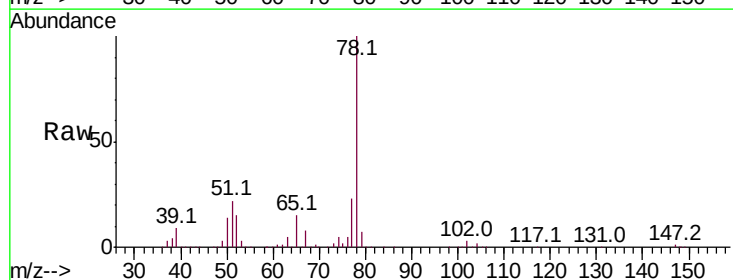
Instrument :
MSVOA_Y
ClientSampleId :

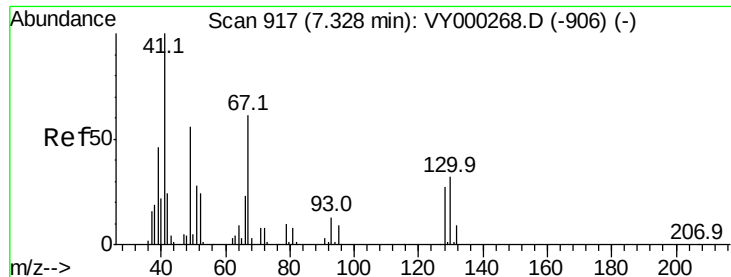
Tot Ion	83	Resp	311551
Ion	Ratio	Lower	Upper
83	100		
55	73.9	60.9	91.3
98	48.6	41.8	62.6



#40
Benzene
Concen: 50.342 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion	78	Resp	711954
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2

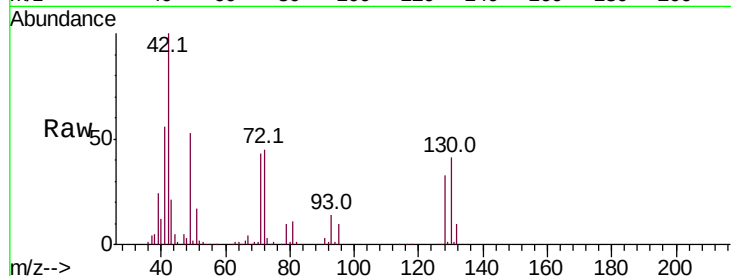




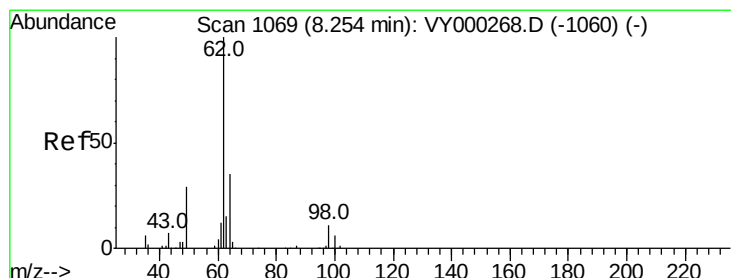
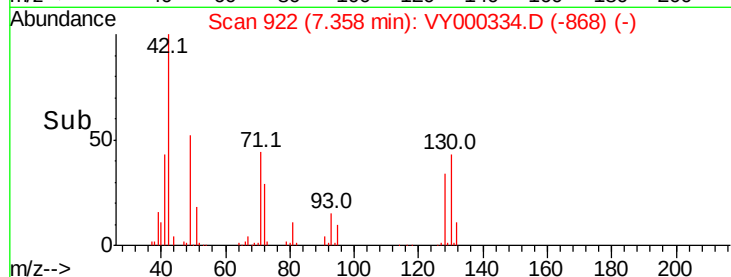
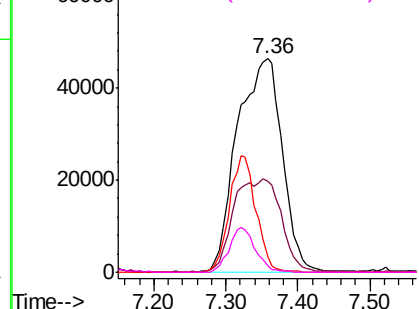
#41
Methacrylonitrile
Concen: 145.965 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 201329
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

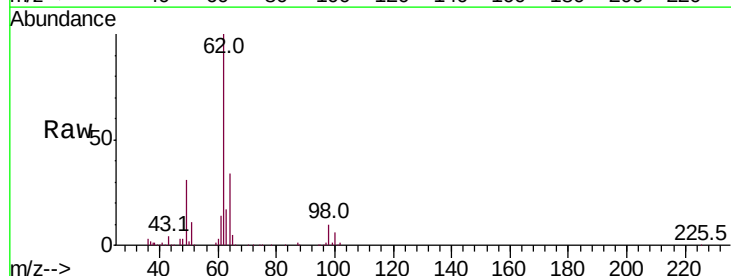


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

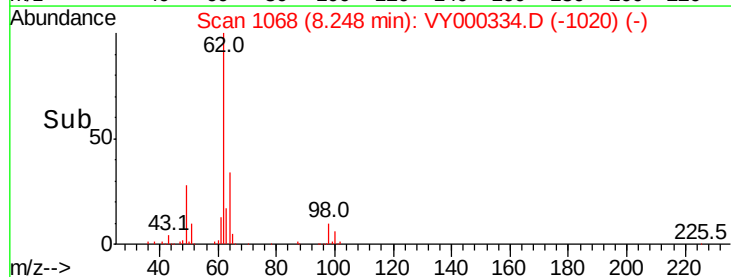
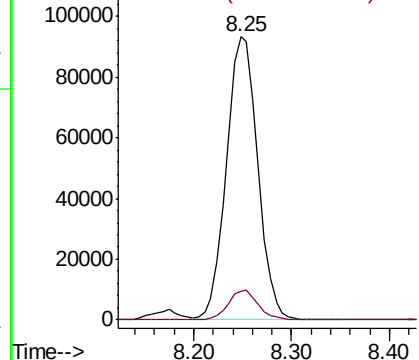


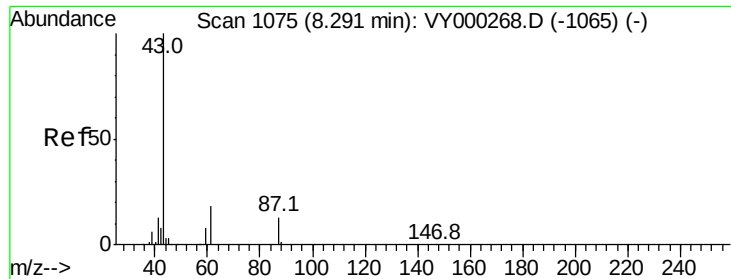
#42
1,2-Dichloroethane
Concen: 51.284 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 62 Resp: 207175
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 52.076 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

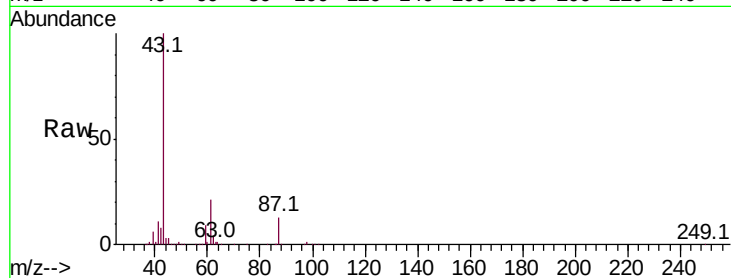
Tot Ion: 43 Resp: 286926

Ion Ratio Lower Upper

43 100

61 28.9 22.3 33.5

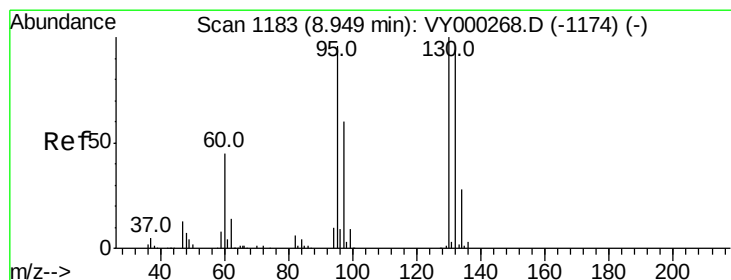
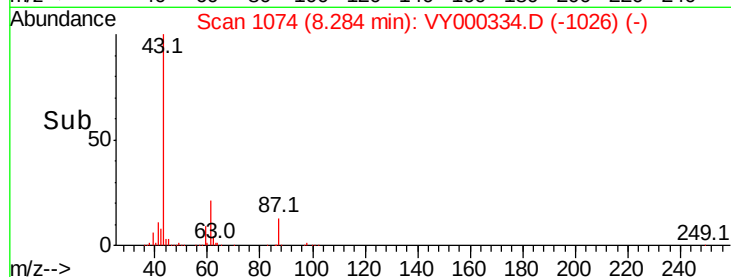
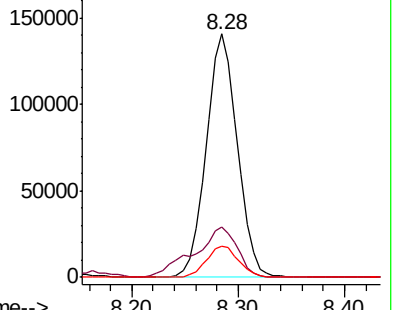
87 13.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 48.078 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000334.D

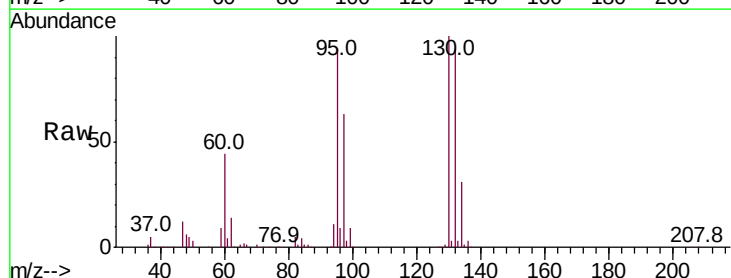
Acq: 17 Oct 2019 10:08

Tgt Ion:130 Resp: 190781

Ion Ratio Lower Upper

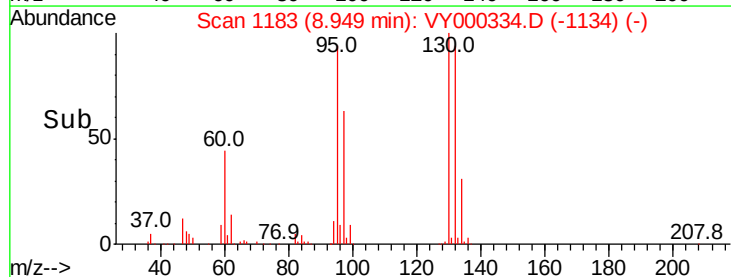
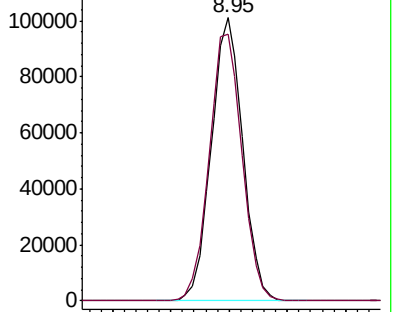
130 100

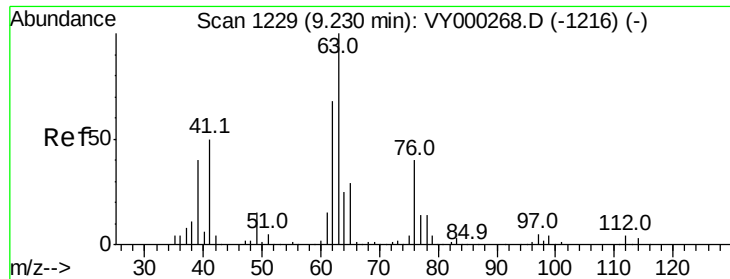
95 94.1 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

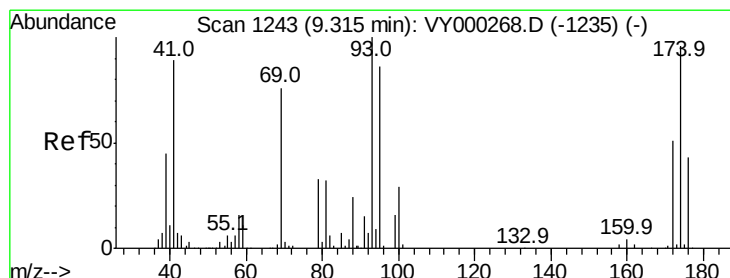
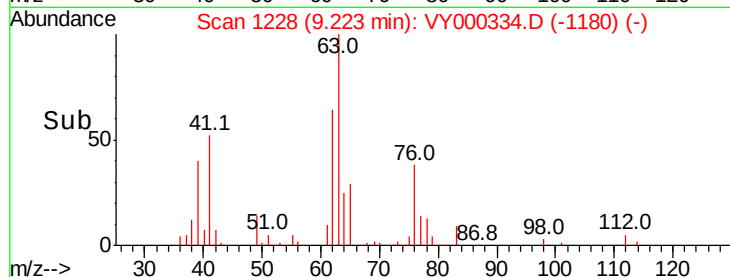
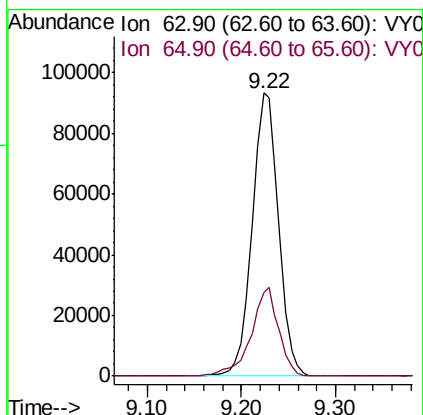
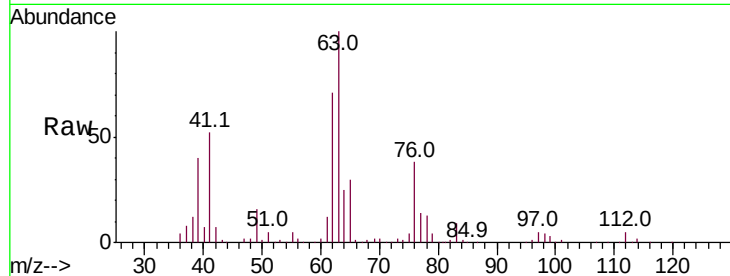




#45
 1,2-Dichloropropane
 Concen: 52.967 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

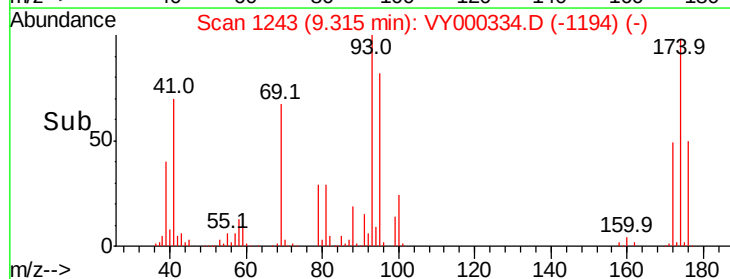
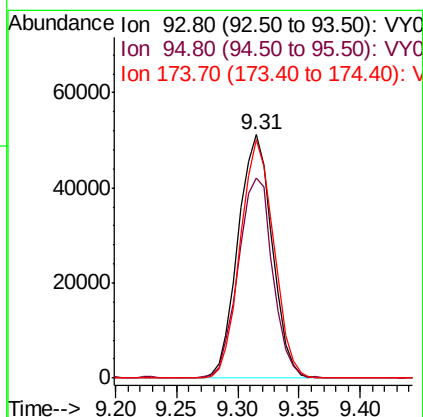
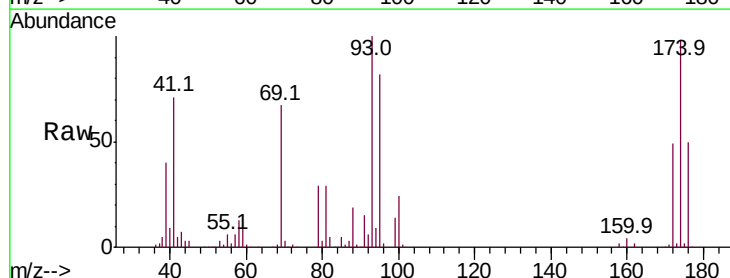
Instrument :
 MSVOA_Y
 ClientSampled :

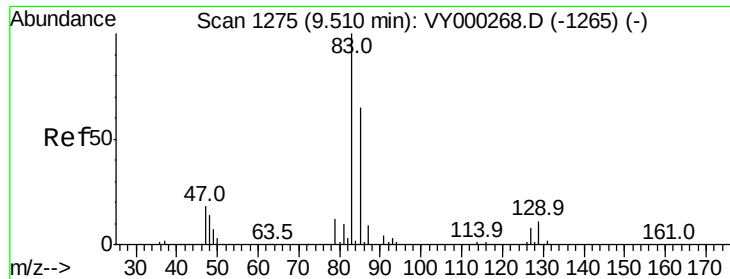
Tot Ion: 63 Resp: 183828
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.2 34.8



#46
 Dibromomethane
 Concen: 51.030 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion: 93 Resp: 99003
 Ion Ratio Lower Upper
 93 100
 95 83.6 68.2 102.2
 174 96.2 79.8 119.6





#47

Bromodichloromethane

Concen: 53.119 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :
MSVOA_Y
ClientSampleId :

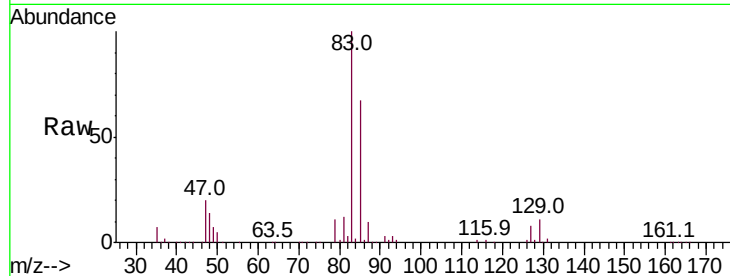
Tot Ion: 83 Resp: 242877

Ion Ratio Lower Upper

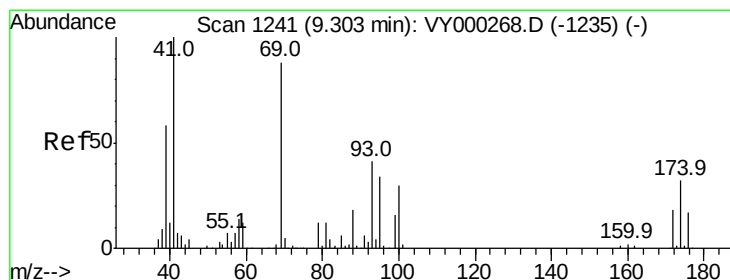
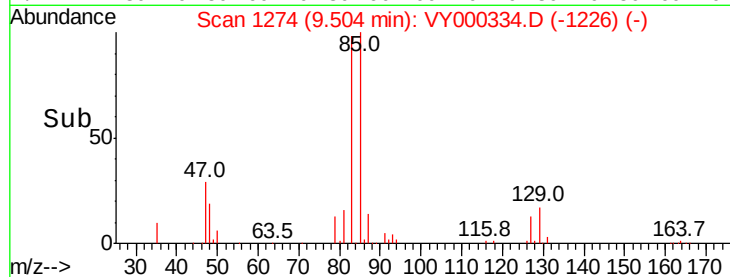
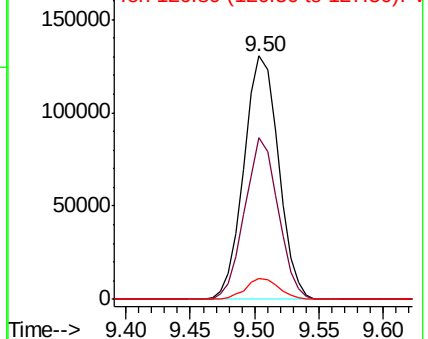
83 100

85 66.7 52.2 78.2

127 8.4 6.3 9.5



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



#48

Methyl methacrylate

Concen: 53.406 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

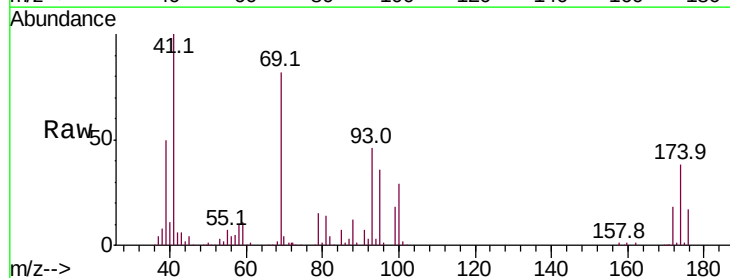
Tgt Ion: 41 Resp: 128956

Ion Ratio Lower Upper

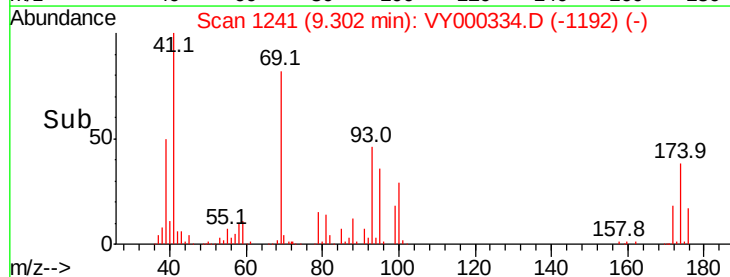
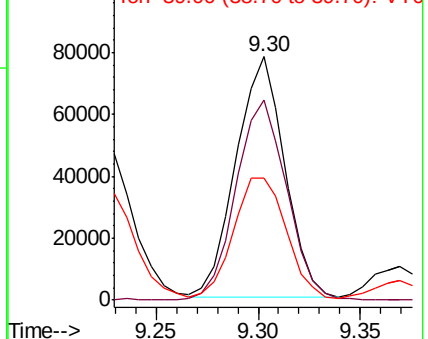
41 100

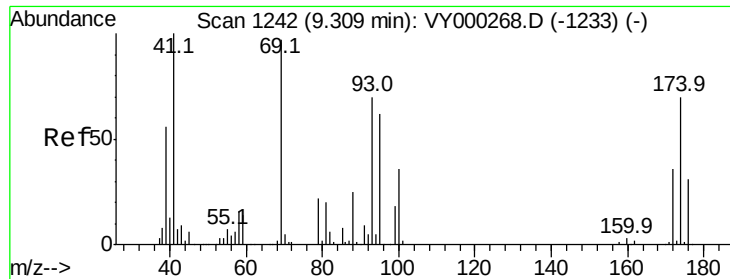
69 86.9 70.0 105.0

39 56.2 47.7 71.5



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





#49

1,4-Dioxane

Concen: 943.770 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

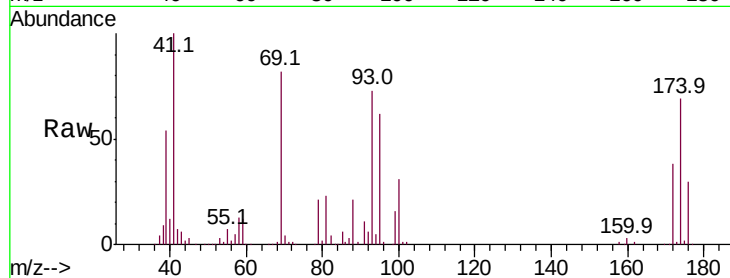
Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 27454

Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.6	38.4
58	68.2	54.6	81.8

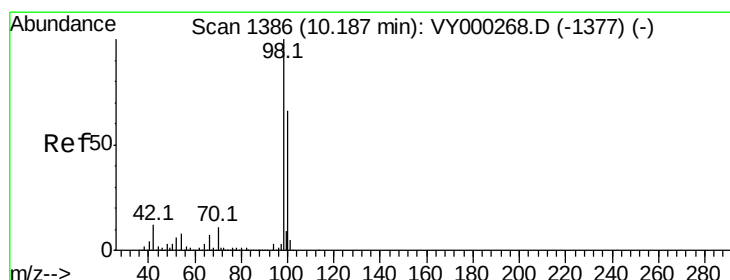
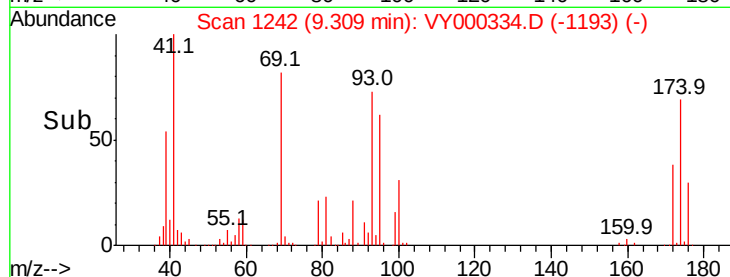
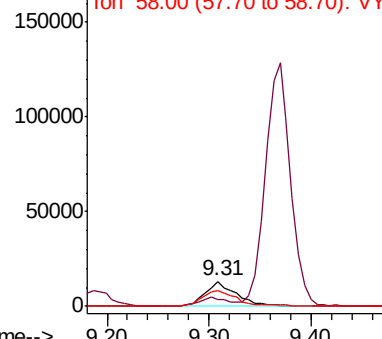


Abundance

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: 54.719 ug/l

RT: 10.19 min Scan# 1386

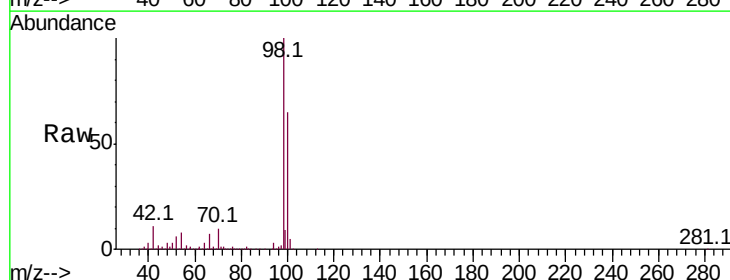
Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Tgt Ion: 98 Resp: 634638

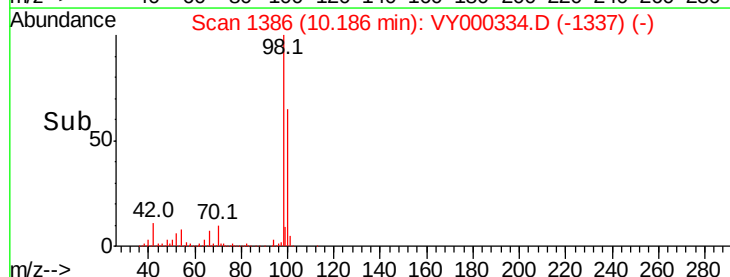
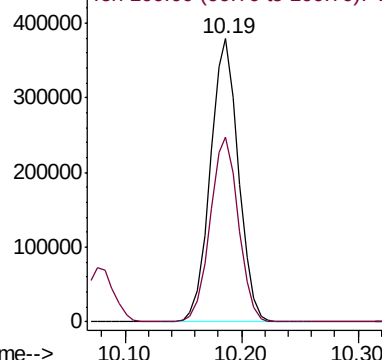
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2

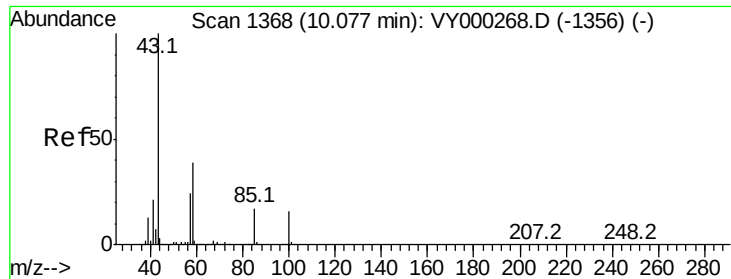


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

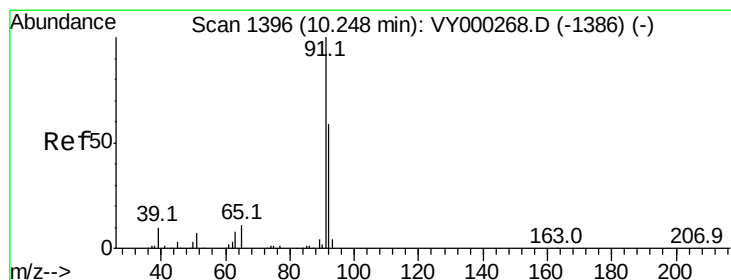
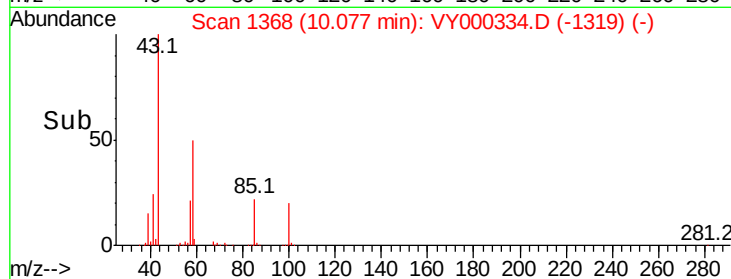
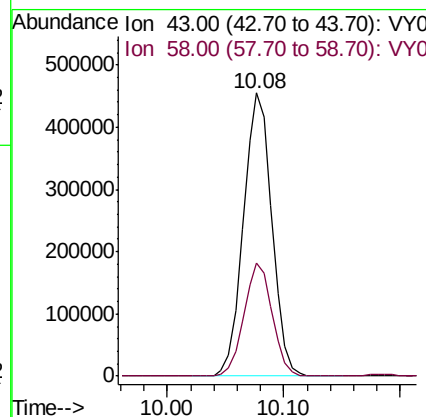
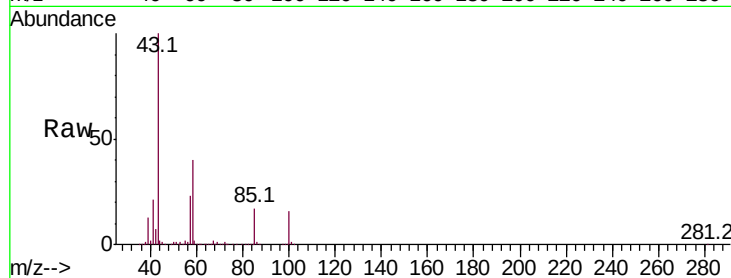




#51
 4-Methyl-2-Pentanone
 Concen: 272.070 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

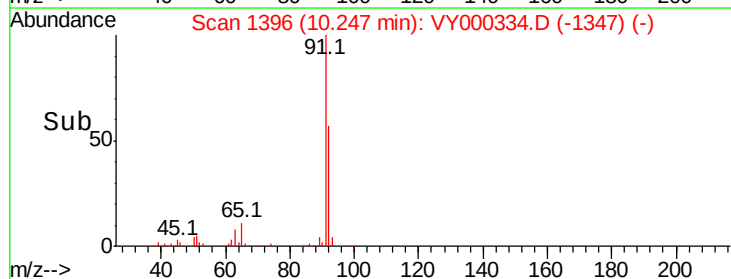
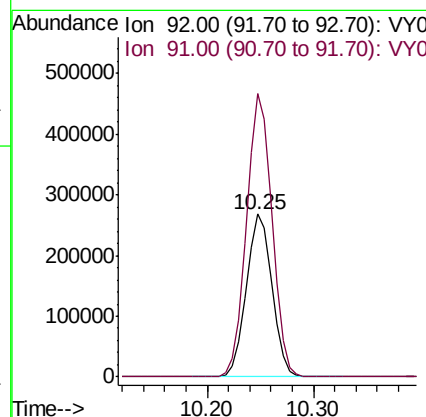
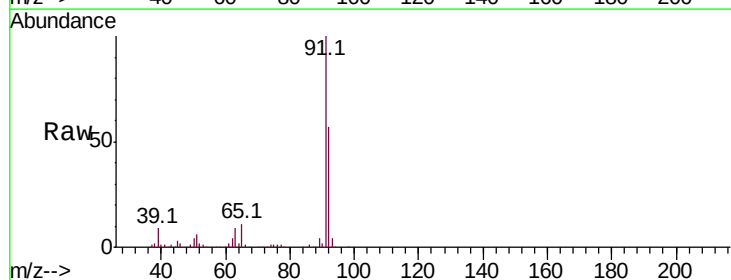
Instrument :
 MSVOA_Y
 ClientSampled :

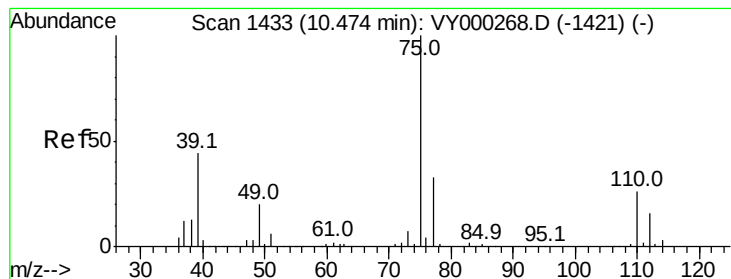
Tot Ion: 43 Resp: 773157
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.0 46.6



#52
 Toluene
 Concen: 50.523 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion: 92 Resp: 453644
 Ion Ratio Lower Upper
 92 100
 91 173.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.441 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

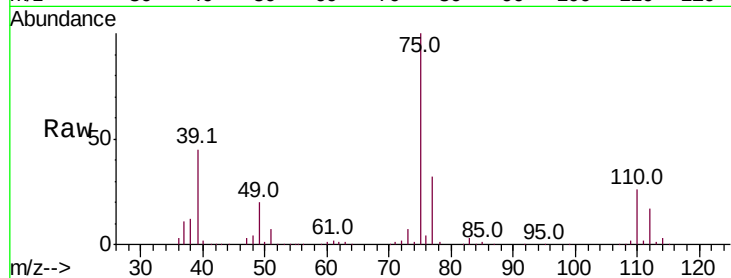
ClientSampleId :

Tot Ion: 75 Resp: 261868

Ion Ratio Lower Upper

75 100

77 32.2 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

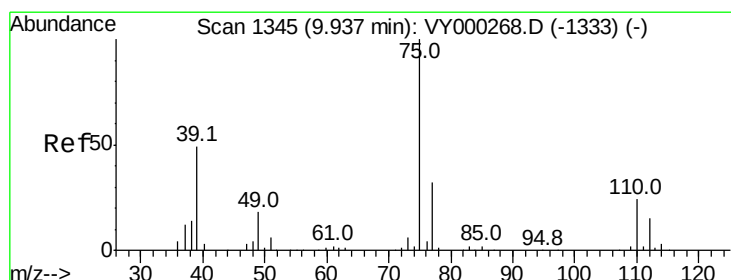
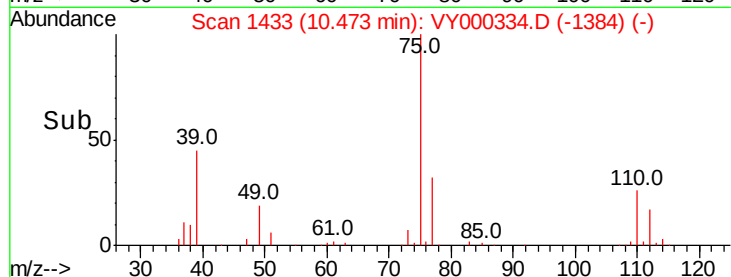
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.522 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

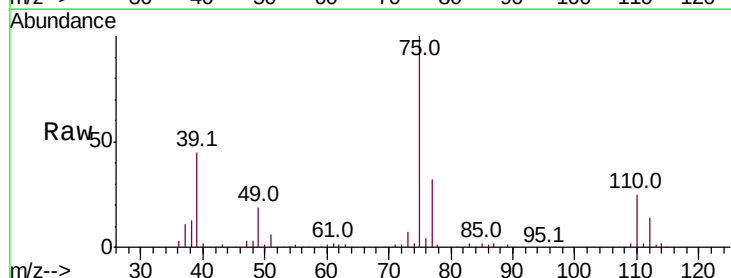
Tgt Ion: 75 Resp: 297837

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

39 44.9 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

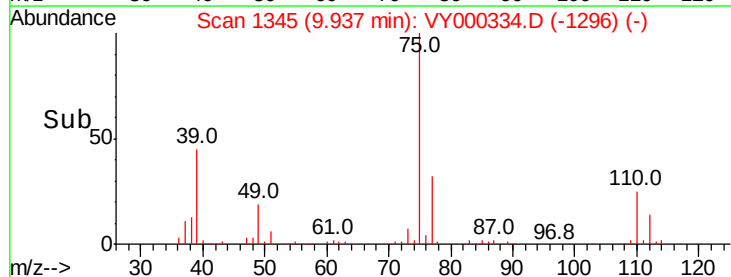
150000

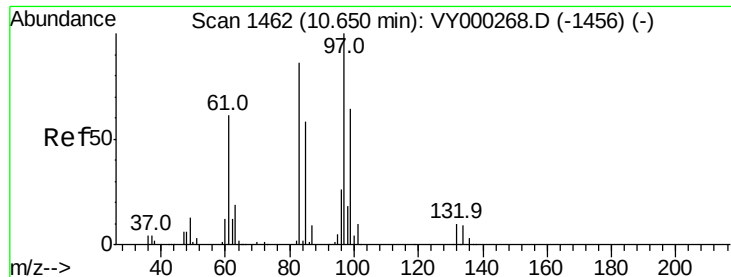
100000

50000

0

Time-->

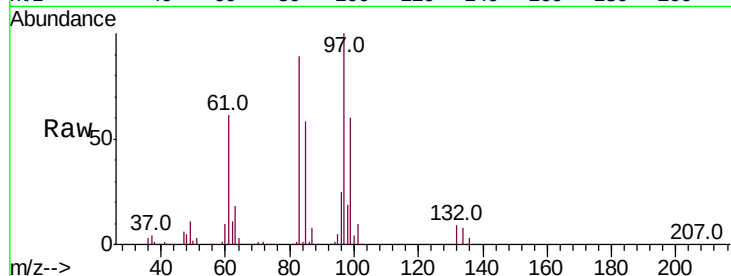




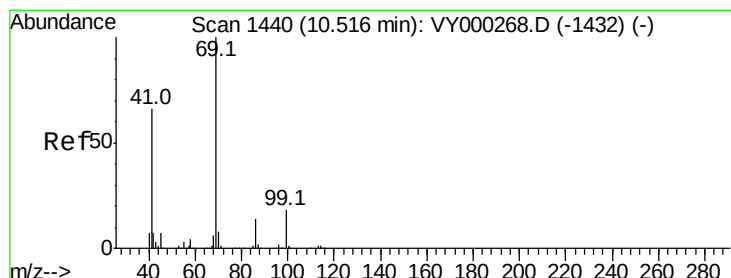
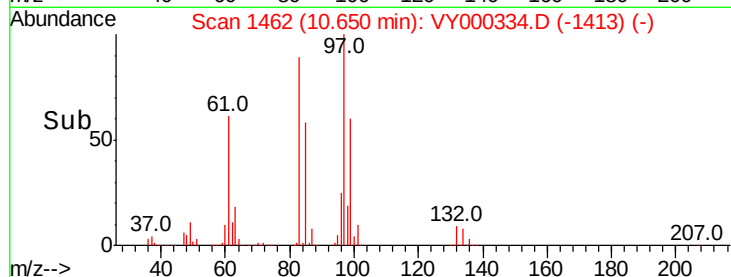
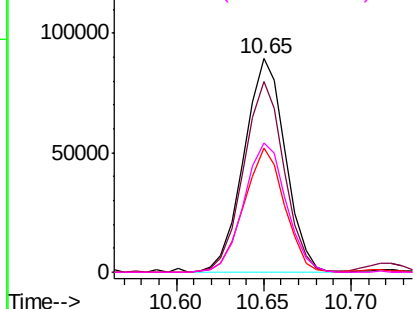
#55
 1,1,2-Trichloroethane
 Concen: 52.092 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 146946
 Ion Ratio Lower Upper
 97 100
 83 89.4 69.0 103.6
 85 58.3 46.2 69.4
 99 60.3 51.1 76.7

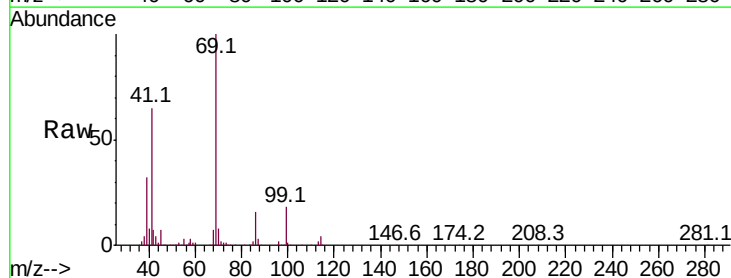


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

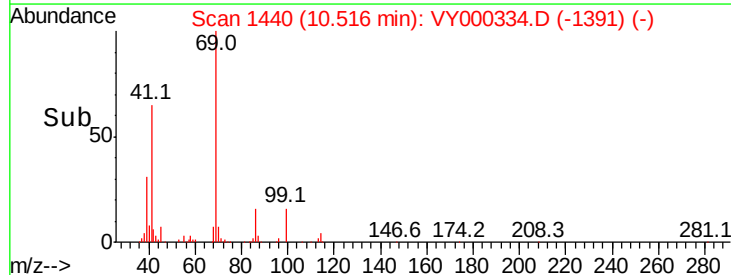
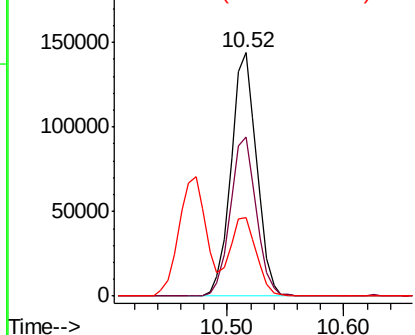


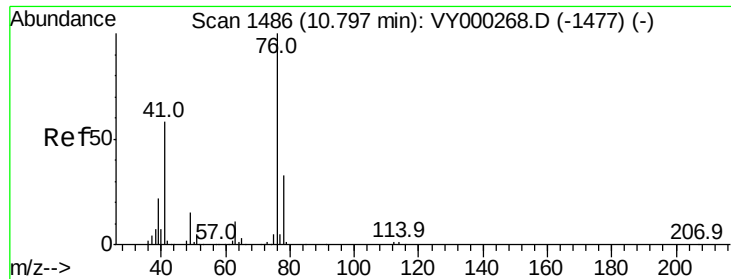
#56
 Ethyl methacrylate
 Concen: 54.797 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion: 69 Resp: 220327
 Ion Ratio Lower Upper
 69 100
 41 65.7 52.5 78.7
 39 33.3 26.7 40.1



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





#57

1,3-Dichloropropane

Concen: 53.297 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

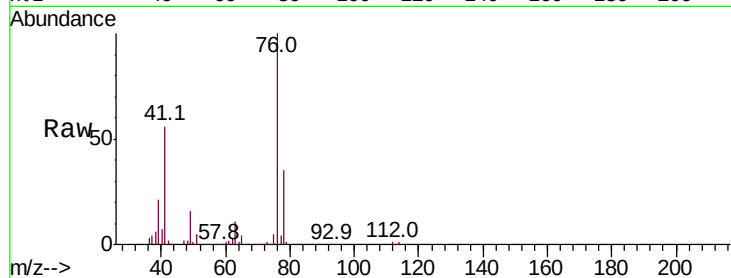
ClientSampleId :

Tot Ion: 76 Resp: 258200

Ion Ratio Lower Upper

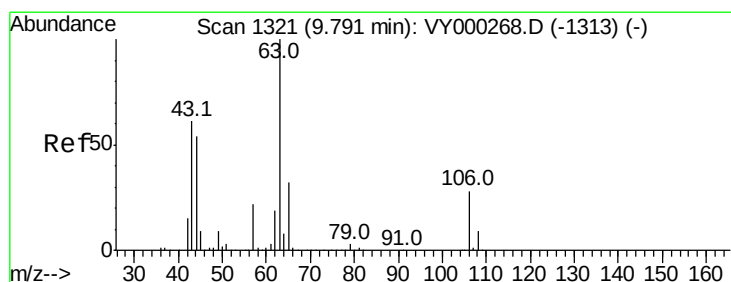
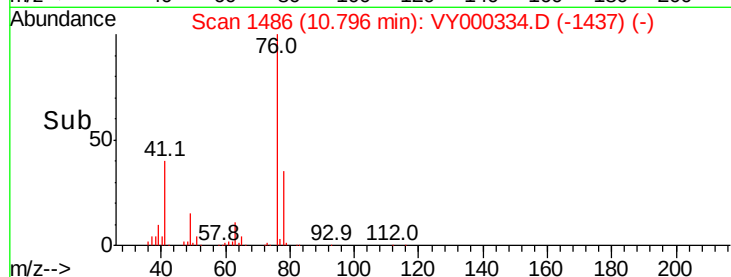
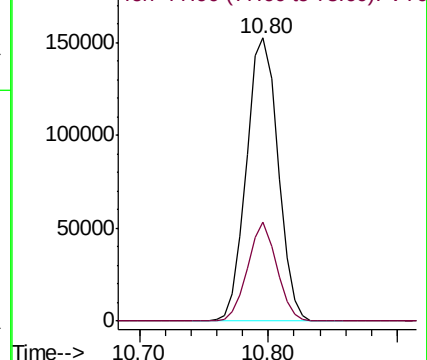
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 284.446 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000334.D

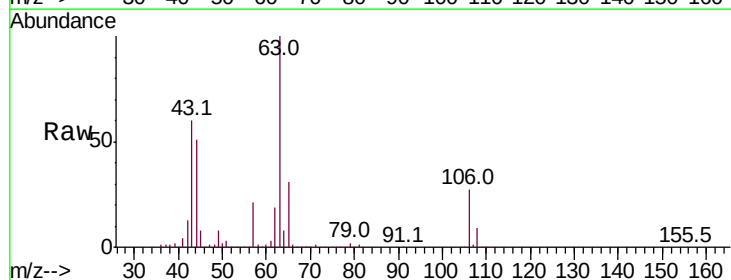
Acq: 17 Oct 2019 10:08

Tgt Ion: 63 Resp: 456180

Ion Ratio Lower Upper

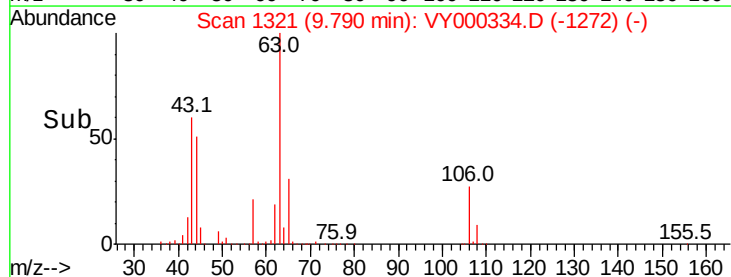
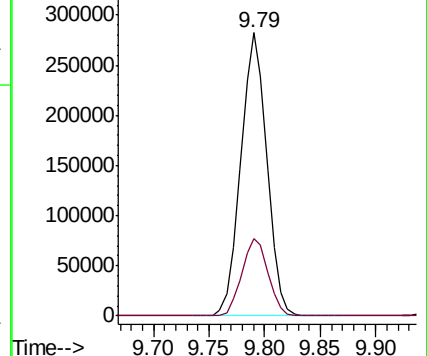
63 100

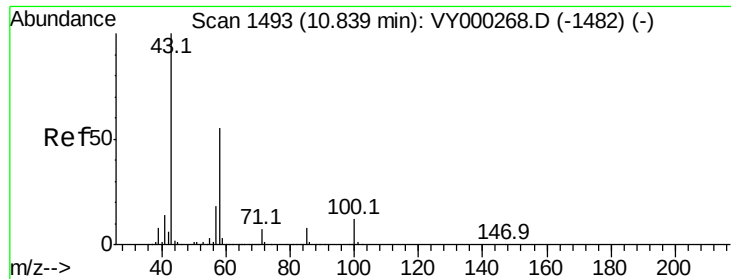
106 27.5 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 304.593 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

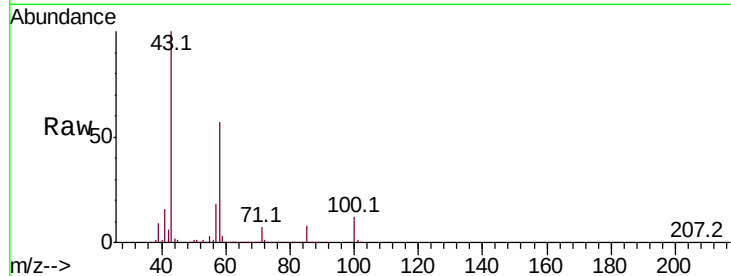
ClientSampled :

Tot Ion: 43 Resp: 607562

Ion Ratio Lower Upper

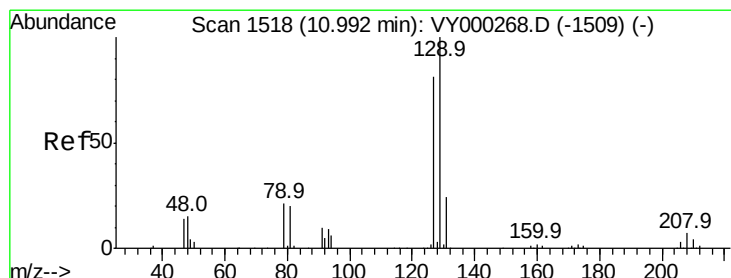
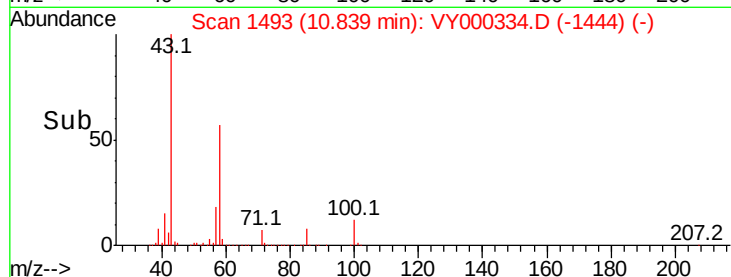
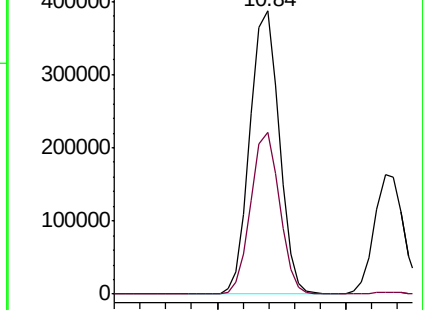
43 100

58 56.1 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) (-)



#60

Dibromochloromethane

Concen: 53.920 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VY000334.D

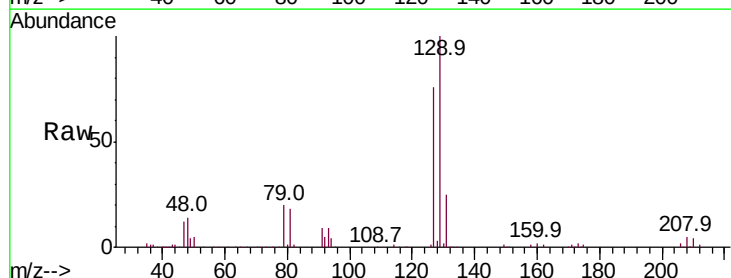
Acq: 17 Oct 2019 10:08

Tgt Ion:129 Resp: 168586

Ion Ratio Lower Upper

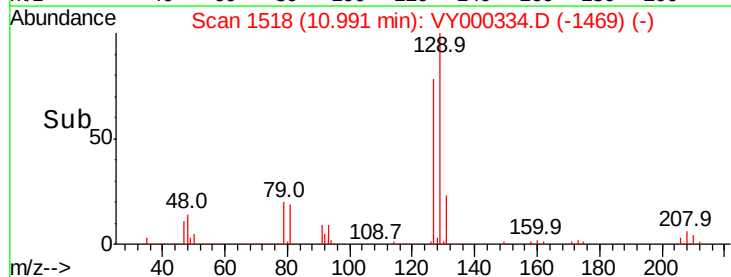
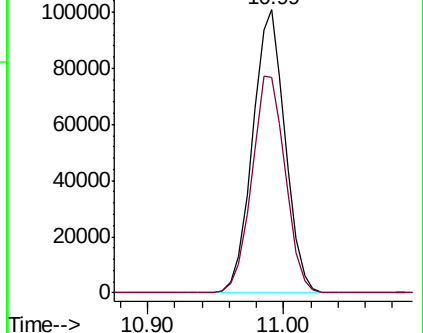
129 100

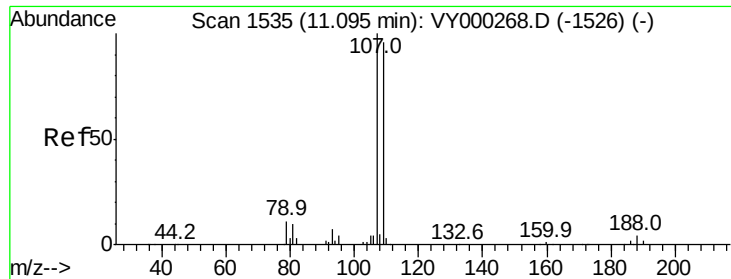
127 78.8 39.9 119.7



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

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

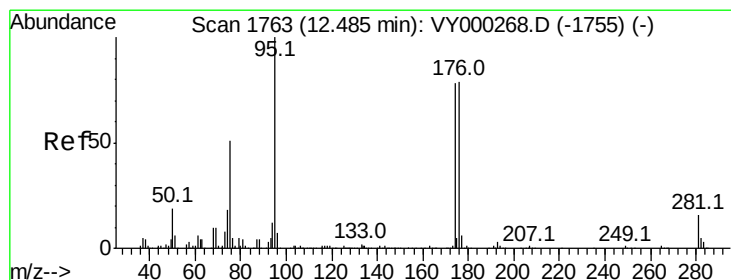
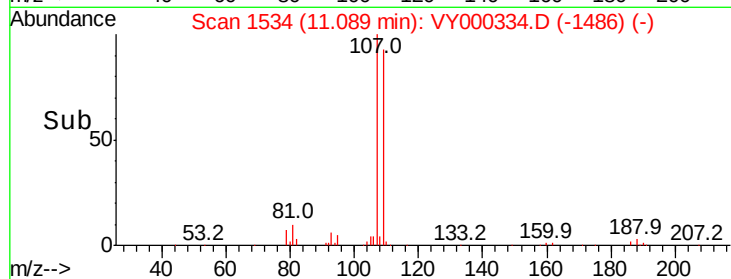
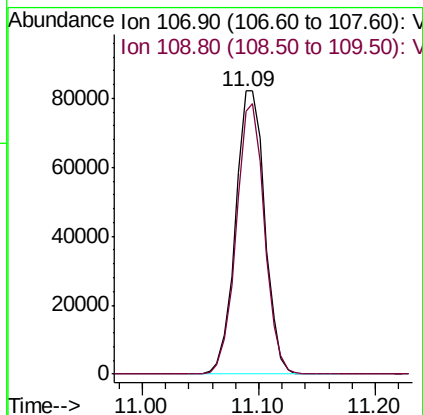
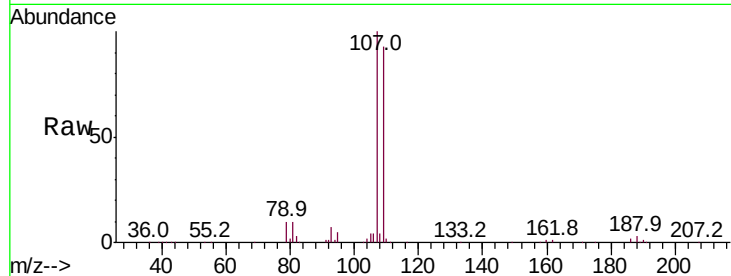




#61
 1,2-Dibromoethane
 Concen: 53.106 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

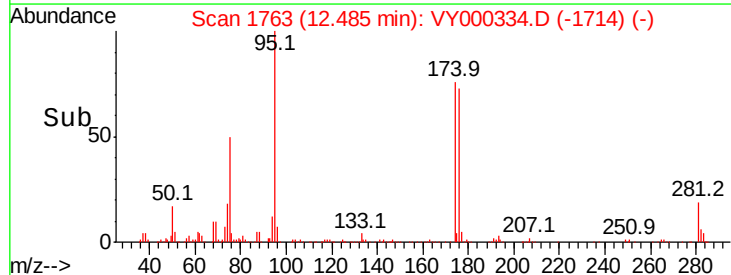
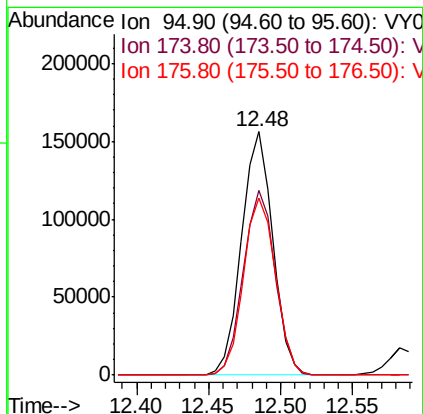
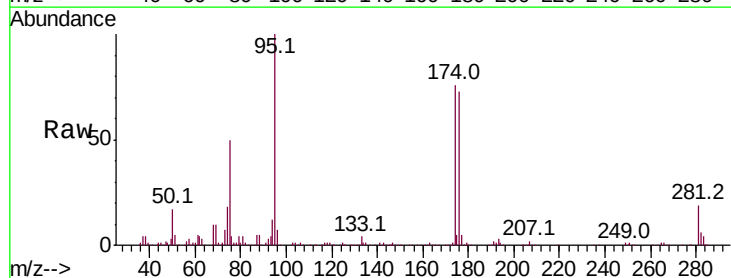
Instrument :
 MSVOA_Y
 ClientSampleId :

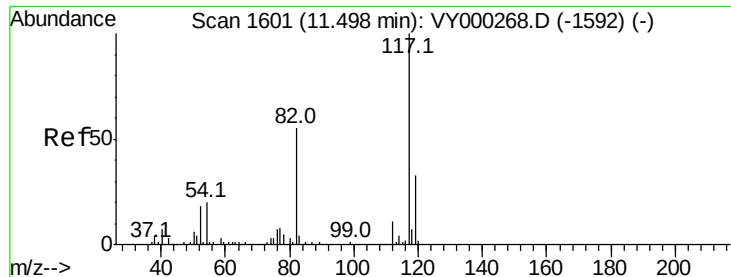
Tot Ion:107 Resp: 143837
 Ion Ratio Lower Upper
 107 100
 109 92.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.220 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion: 95 Resp: 234504
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 159.6
 176 74.7 0.0 153.8

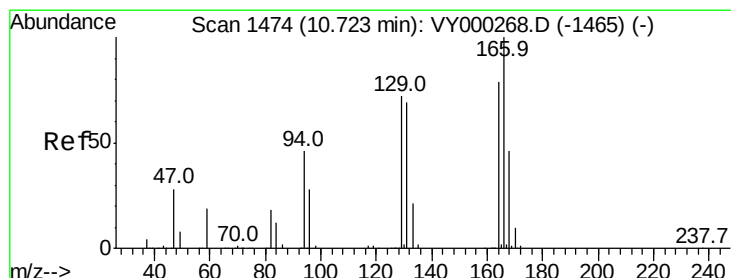
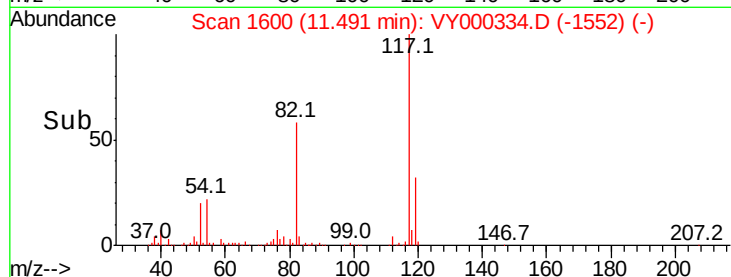
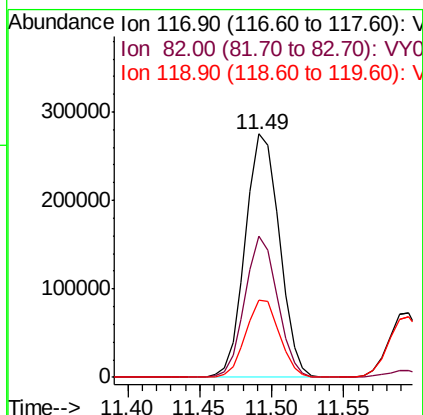
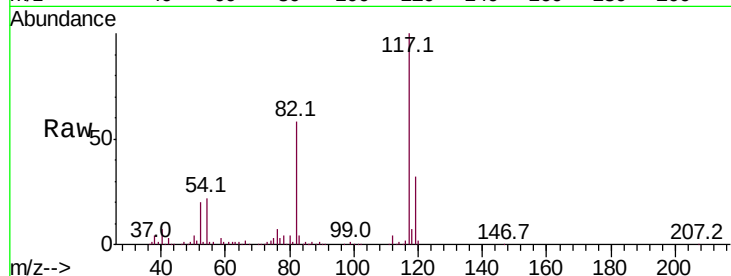




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

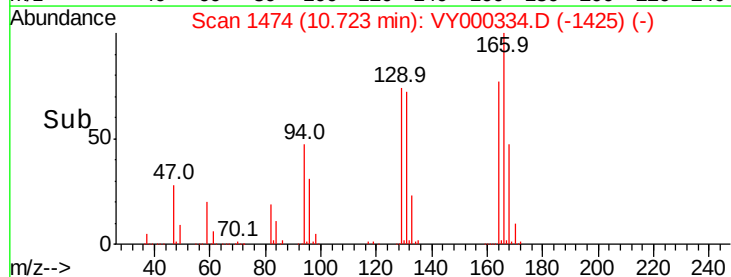
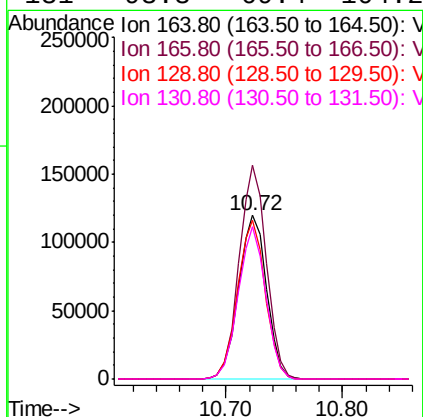
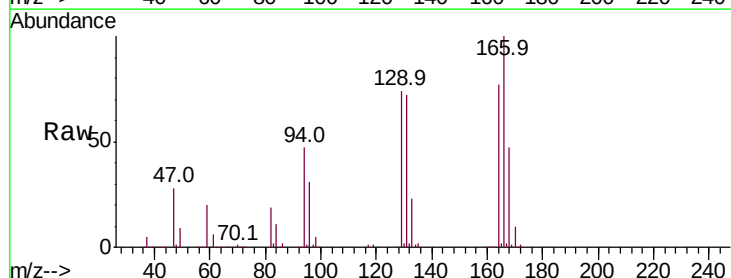
Instrument :
MSVOA_Y
ClientSampleId :

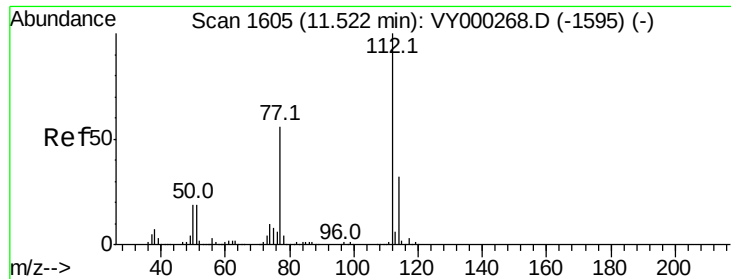
Tot Ion:117 Resp: 452767
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 46.576 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion:164 Resp: 200761
Ion Ratio Lower Upper
164 100
166 130.4 100.6 151.0
129 97.1 72.8 109.2
131 93.3 69.4 104.2





#65

Chlorobenzene

Concen: 50.534 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

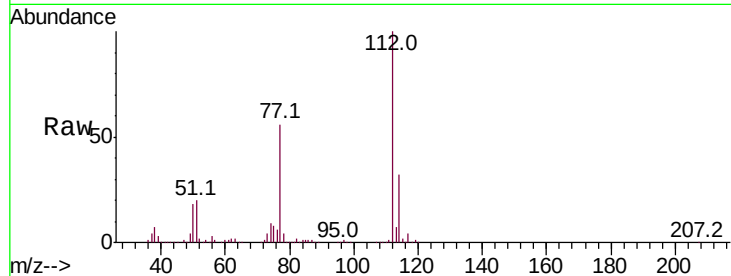
ClientSampleId :

Tot Ion:112 Resp: 482867

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

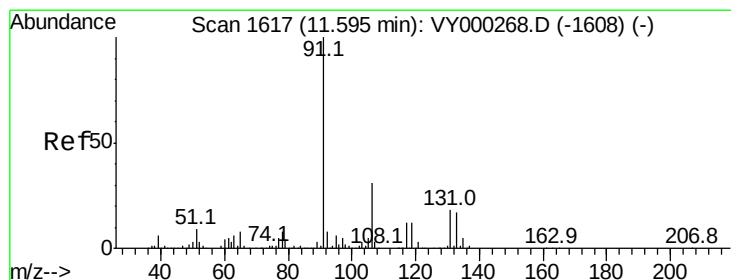
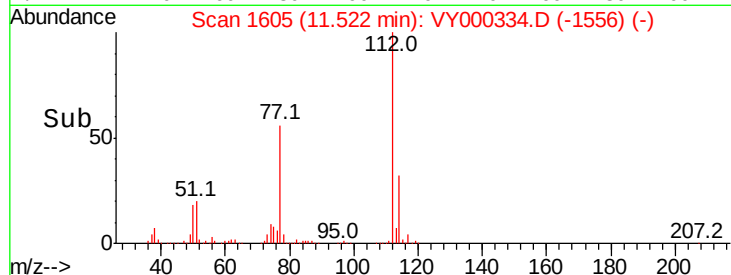
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 51.846 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

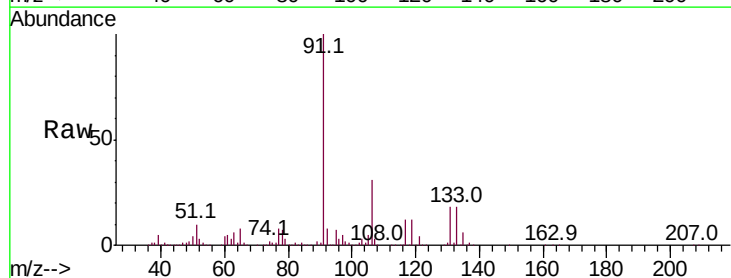
Tgt Ion:131 Resp: 174027

Ion Ratio Lower Upper

131 100

133 94.9 47.2 141.6

119 66.0 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

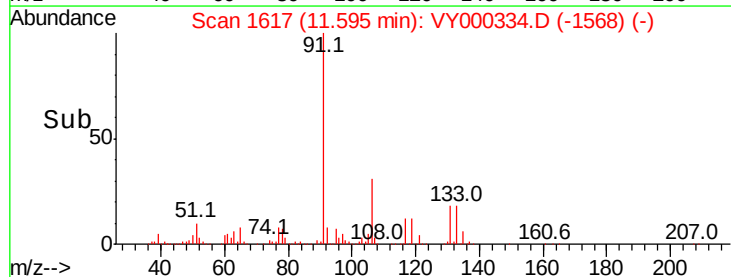
150000

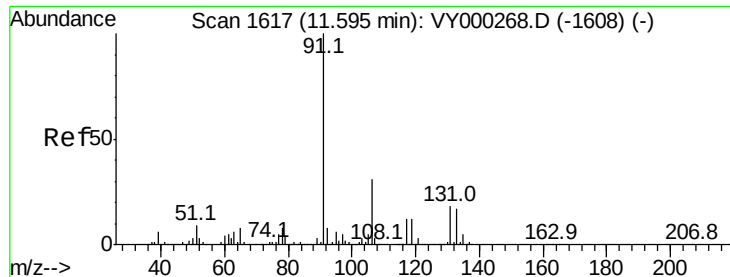
100000

50000

0

Time--> 11.50 11.55 11.60 11.65

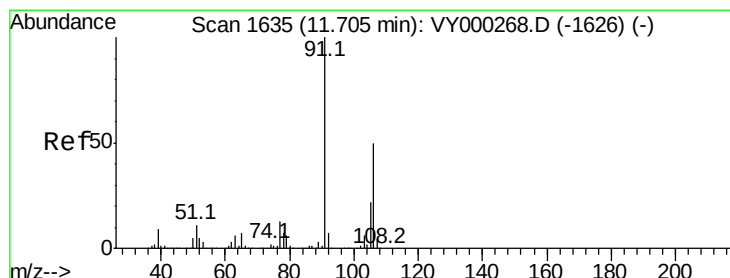
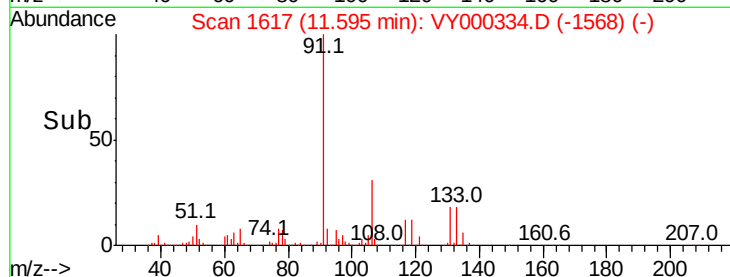
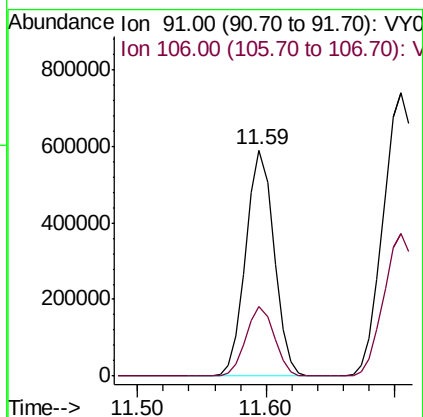
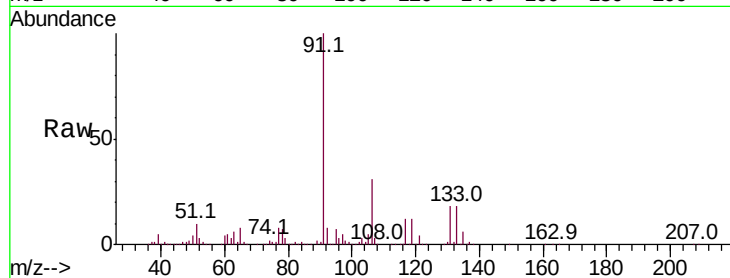




#67
Ethyl Benzene
Concen: 50.403 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

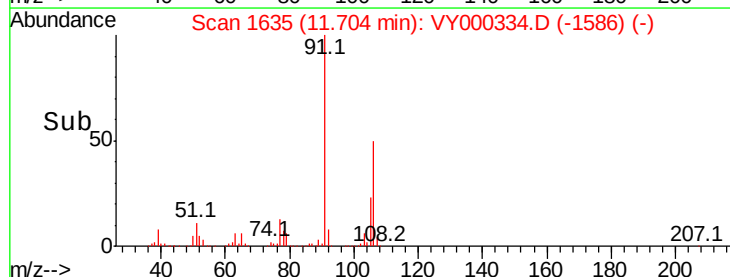
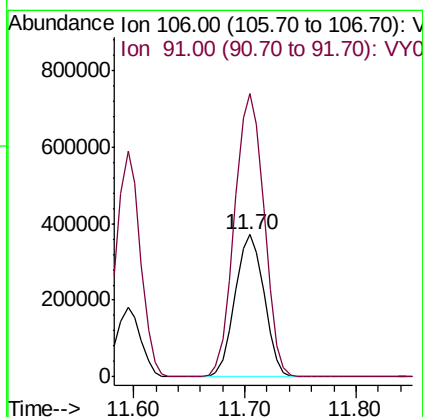
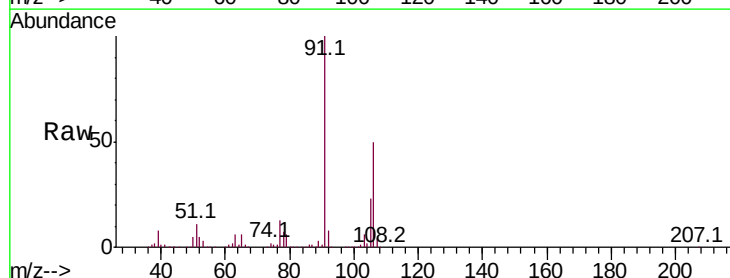
Instrument :
MSVOA_Y
ClientSampled :

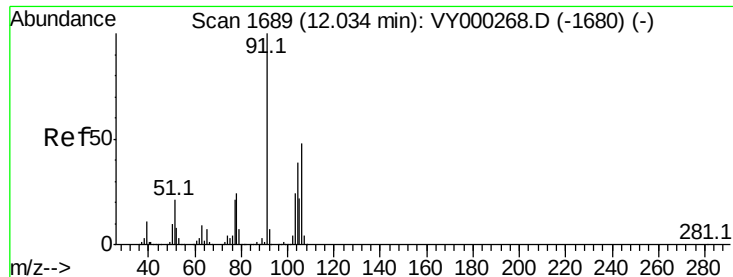
Tot Ion: 91 Resp: 892811
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 99.483 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 106 Resp: 673662
Ion Ratio Lower Upper
106 100
91 201.6 157.5 236.3

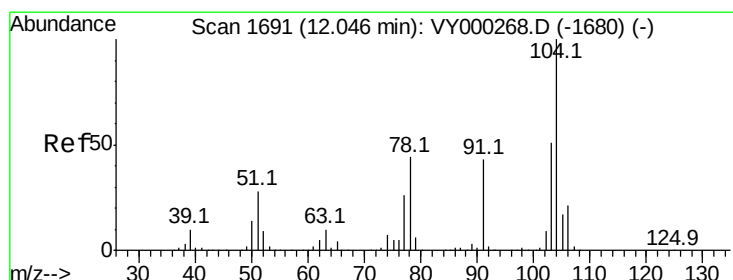
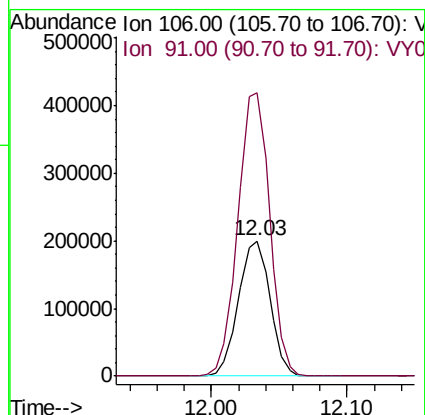
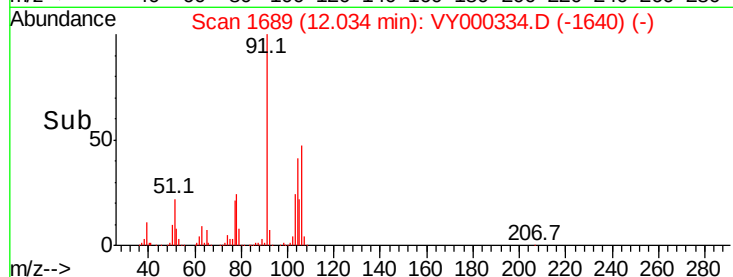
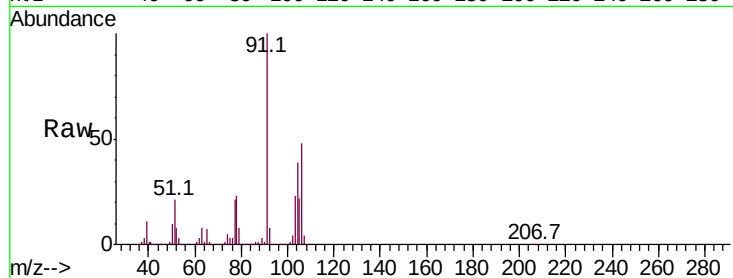




#69
o-Xylene
Concen: 50.314 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

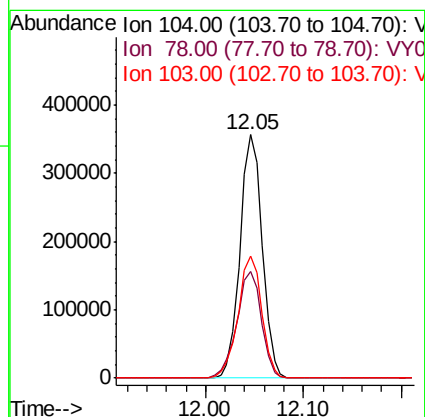
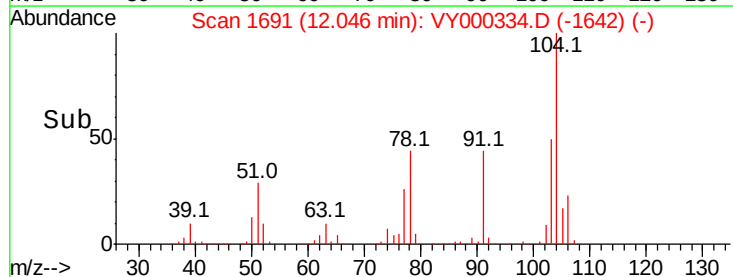
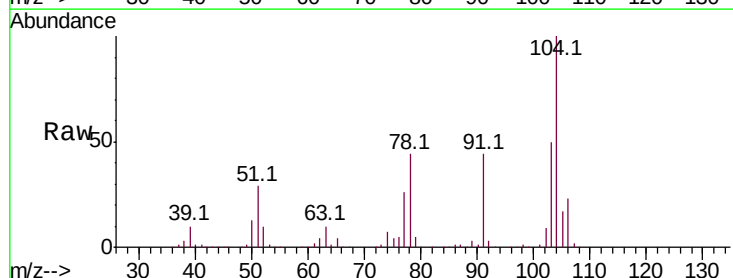
Instrument :
MSVOA_Y
ClientSampled :

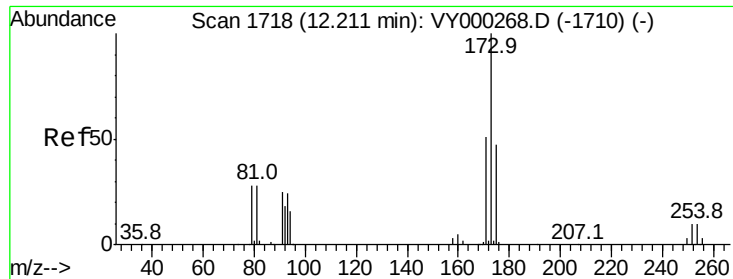
Tot Ion:106 Resp: 325026
Ion Ratio Lower Upper
106 100
91 210.3 104.7 313.9



#70
Styrene
Concen: 51.648 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion:104 Resp: 562686
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 53.3 43.1 64.7





#71

Bromoform

Concen: 53.429 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

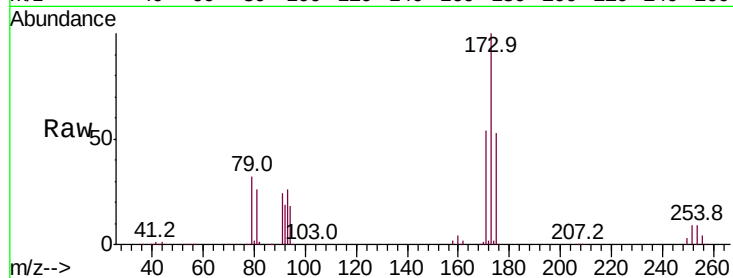
Tot Ion:173 Resp: 103096

Ion Ratio Lower Upper

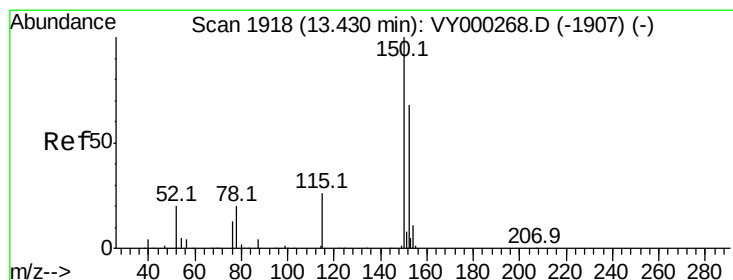
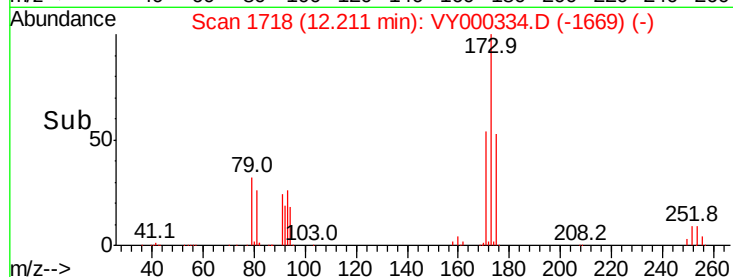
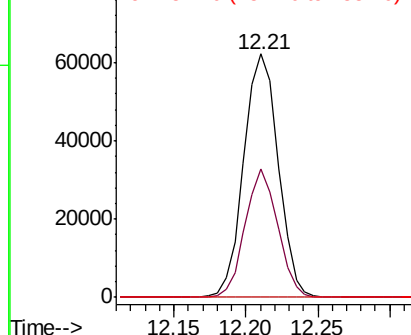
173 100

175 49.8 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

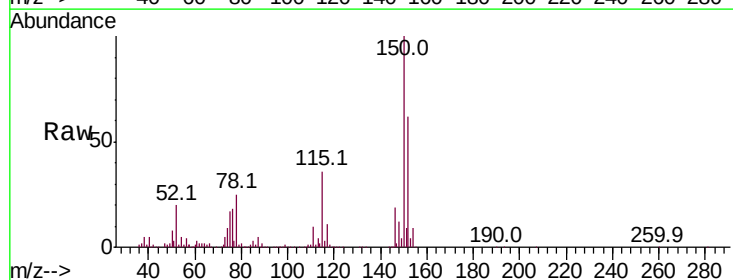
Tgt Ion:152 Resp: 220399

Ion Ratio Lower Upper

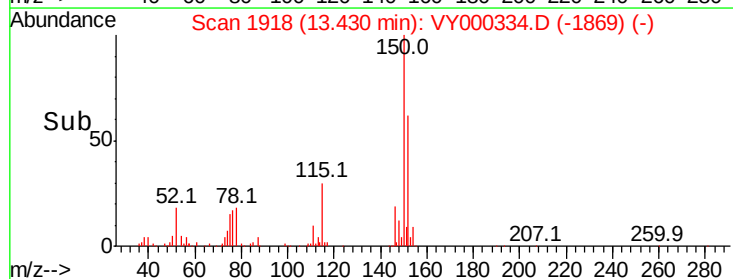
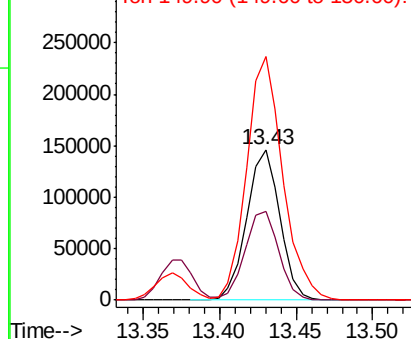
152 100

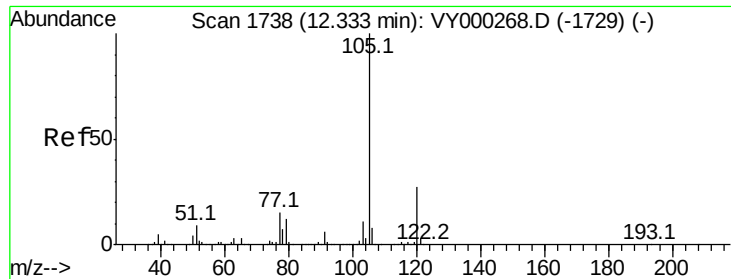
115 59.8 29.3 88.0

150 176.2 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: 50.578 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

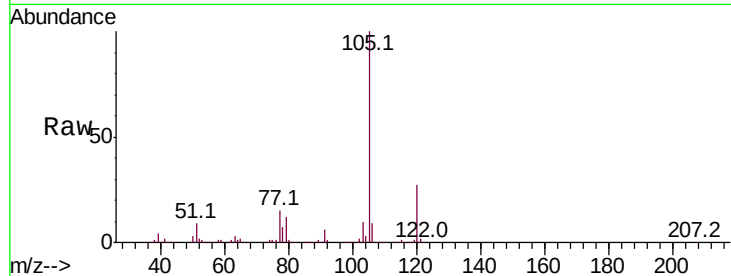
ClientSampleId :

Tot Ion:105 Resp: 869208

Ion Ratio Lower Upper

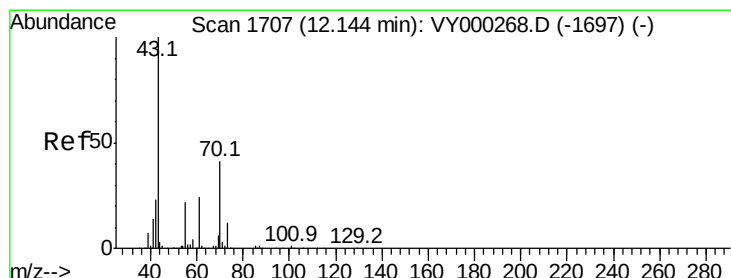
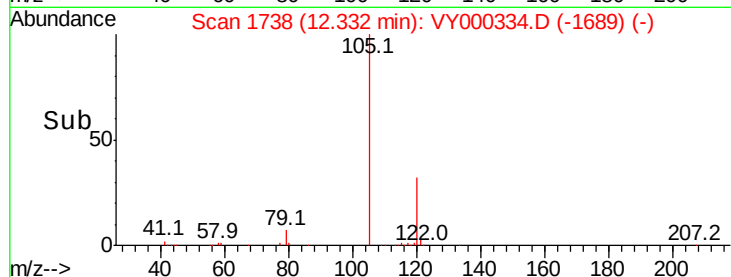
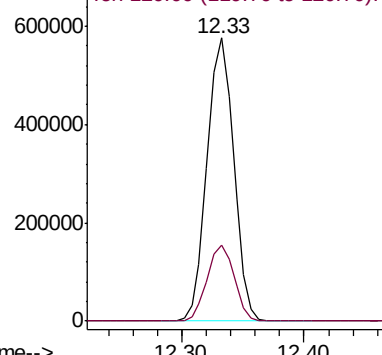
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 61.975 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Tgt Ion: 43 Resp: 261470

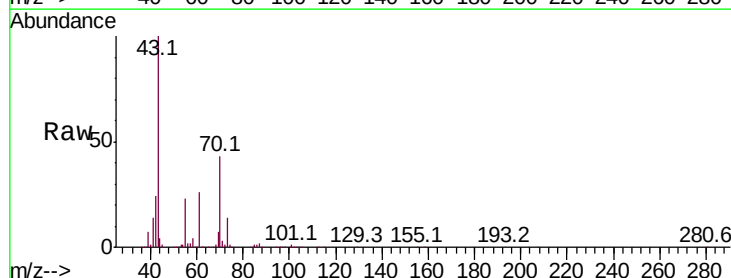
Ion Ratio Lower Upper

43 100

70 43.2 32.9 49.3

55 22.9 17.8 26.6

61 25.2 19.5 29.3

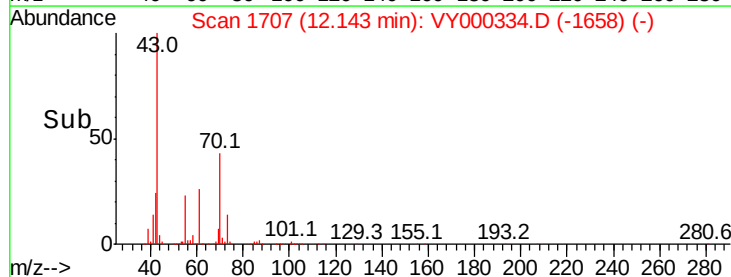
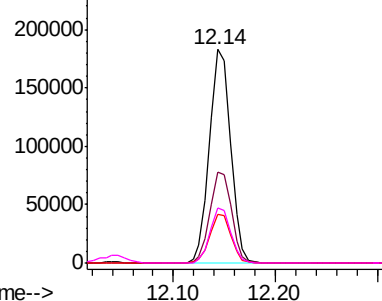


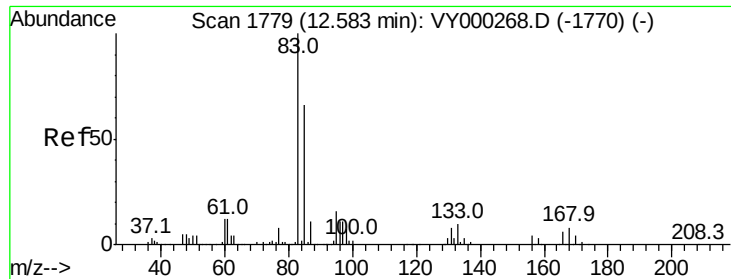
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.158 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

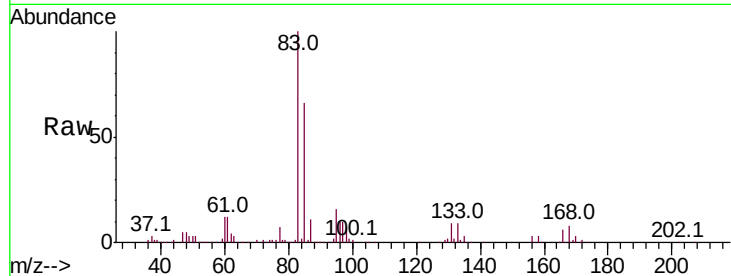
Tot Ion: 83 Resp: 174747

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.3	16.1
85	64.6	32.9	98.7

83 100

131 9.7 5.3 16.1

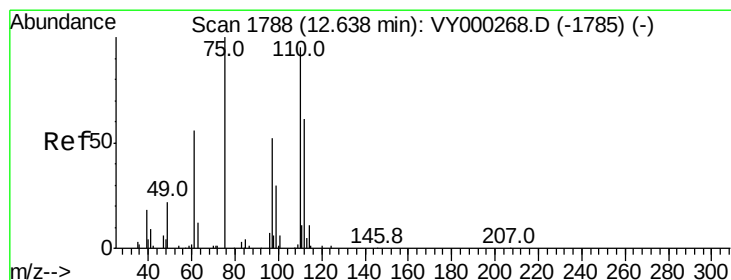
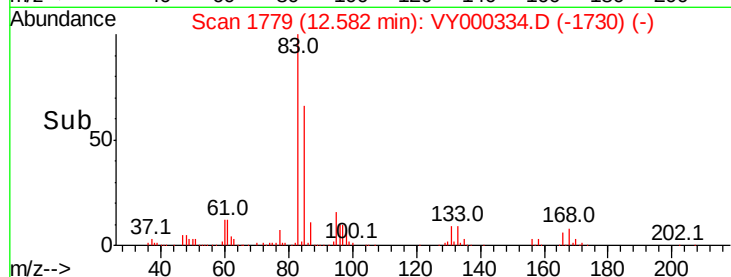
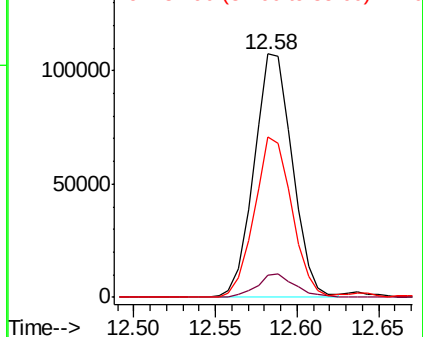
85 64.6 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 90.709 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000334.D

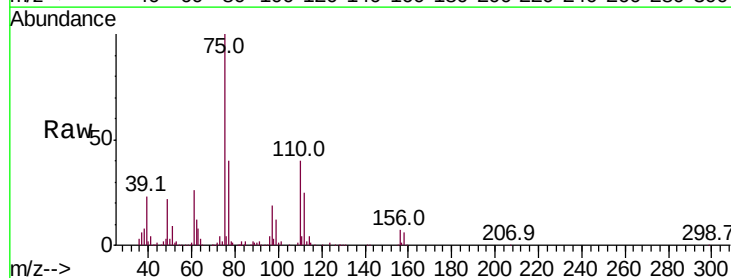
Acq: 17 Oct 2019 10:08

Tgt Ion: 75 Resp: 245836

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

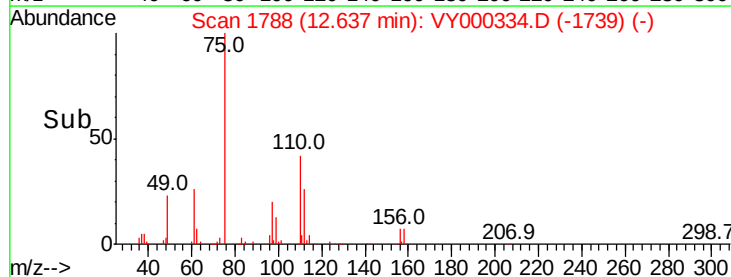
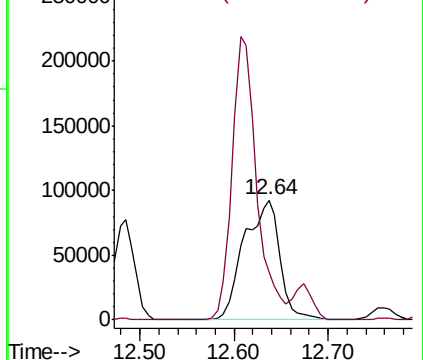
75 100

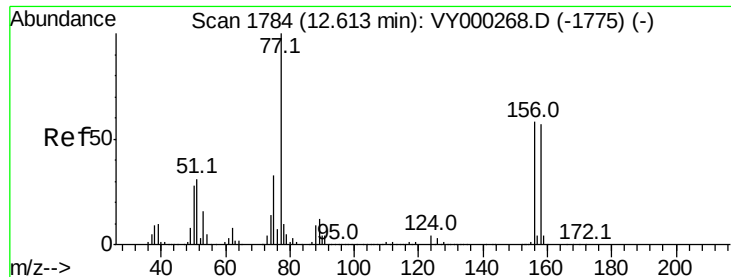
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.592 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

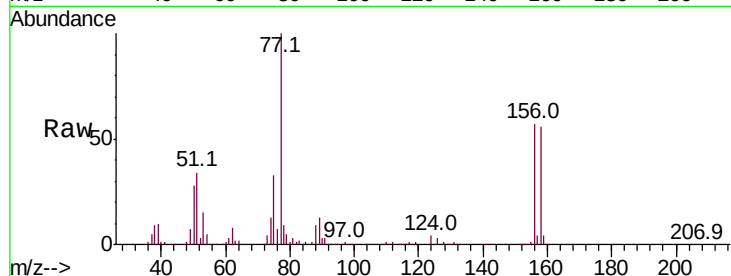
Tot Ion:156 Resp: 197294

Ion Ratio Lower Upper

156 100

77 202.6 101.0 302.9

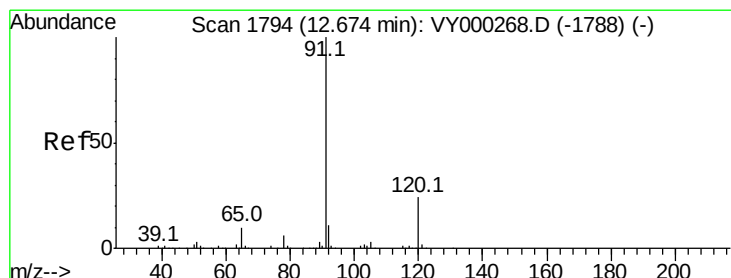
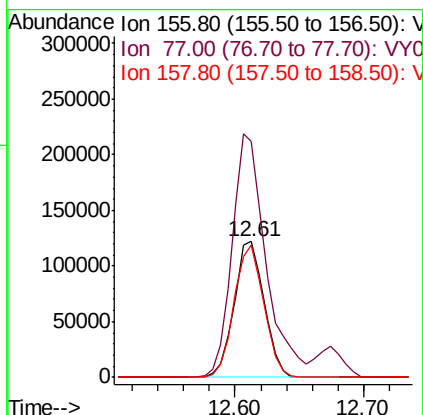
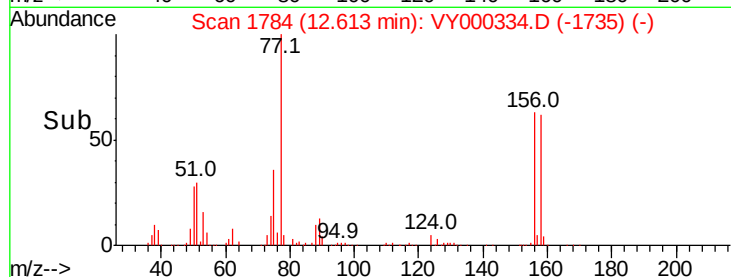
158 95.9 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.284 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000334.D

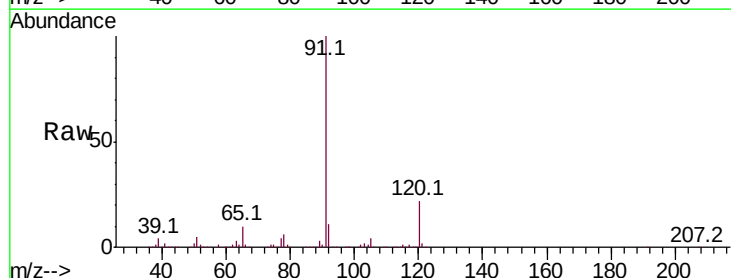
Acq: 17 Oct 2019 10:08

Tgt Ion: 91 Resp: 1058169

Ion Ratio Lower Upper

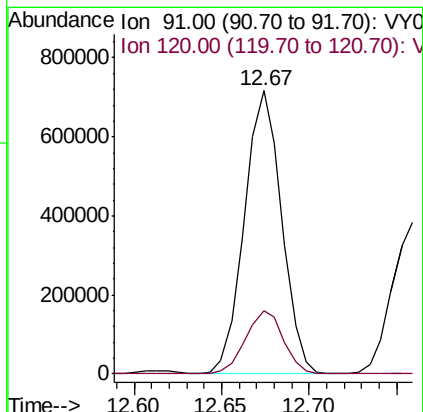
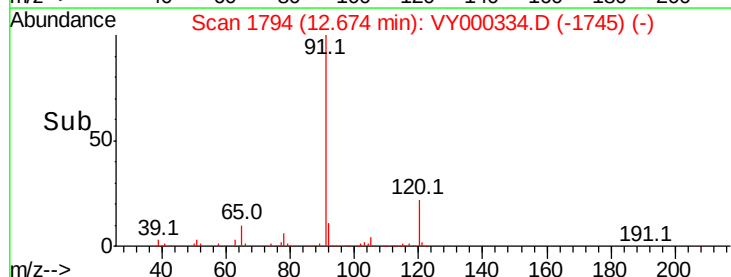
91 100

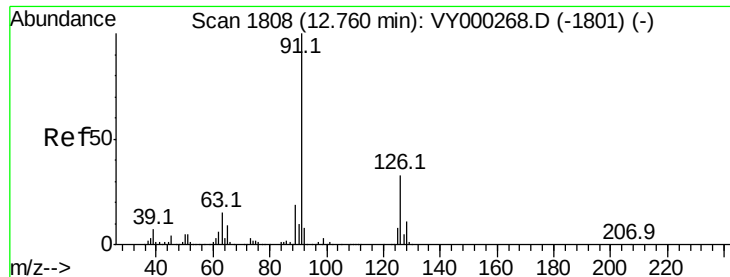
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.674 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

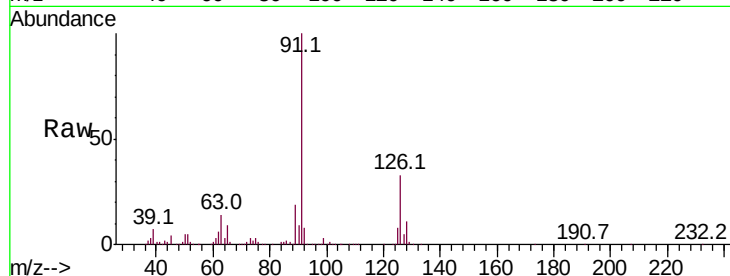
ClientSampleId :

Tot Ion: 91 Resp: 588826

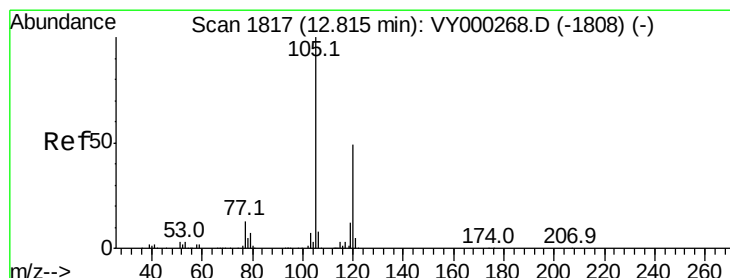
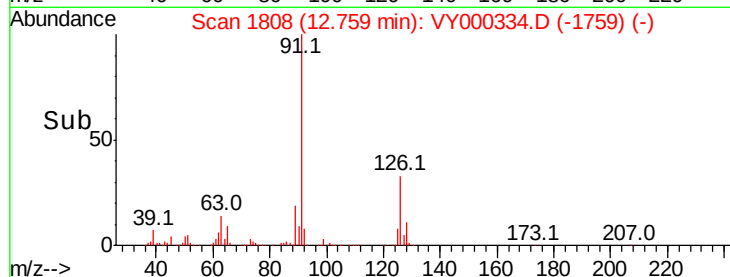
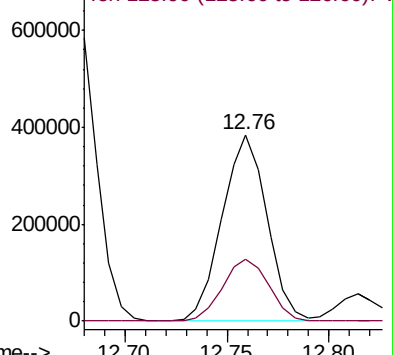
Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000334.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.010 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000334.D

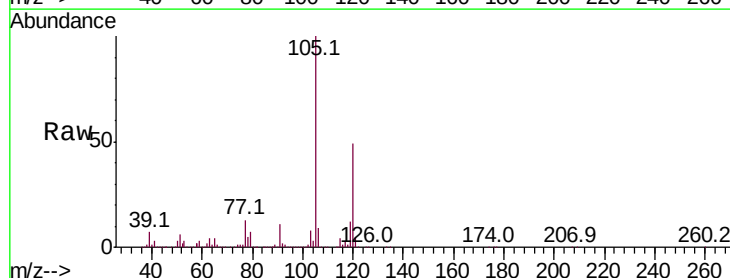
Acq: 17 Oct 2019 10:08

Tgt Ion: 105 Resp: 735069

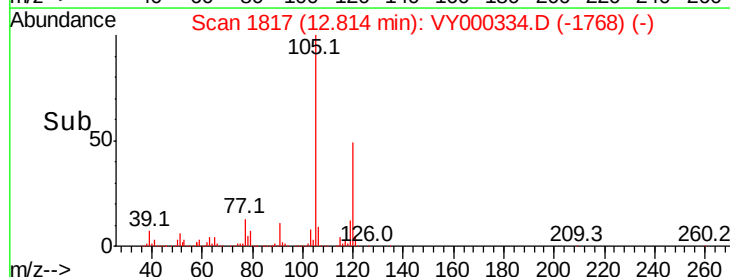
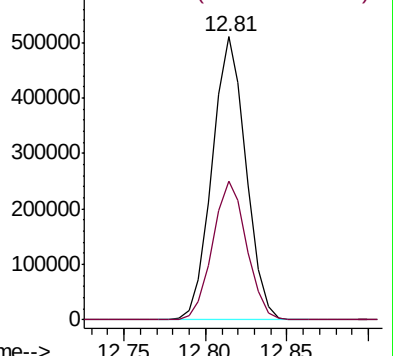
Ion Ratio Lower Upper

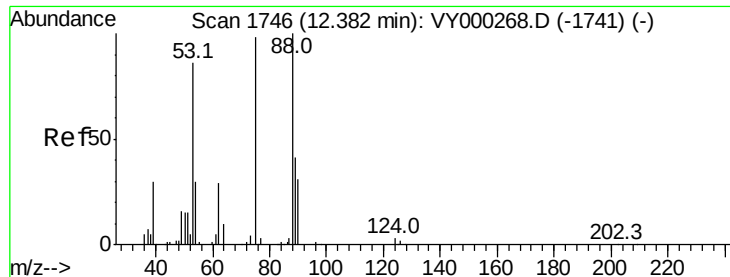
105 100

120 49.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000334.D (-1768) (-)

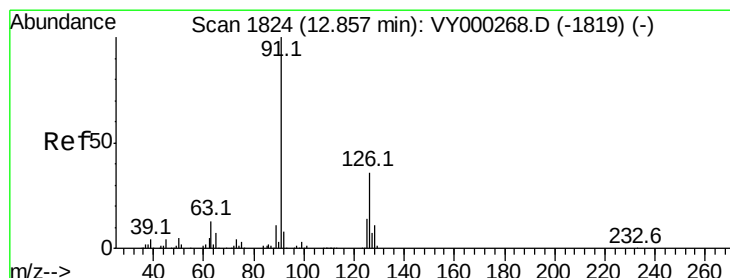
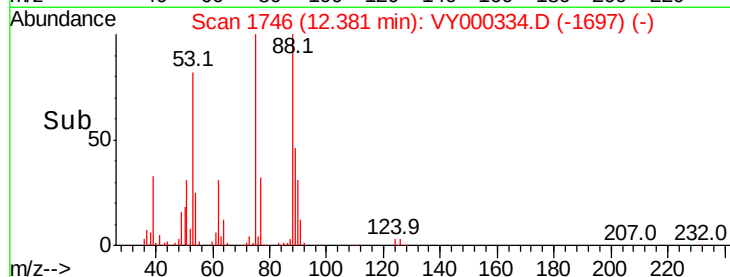
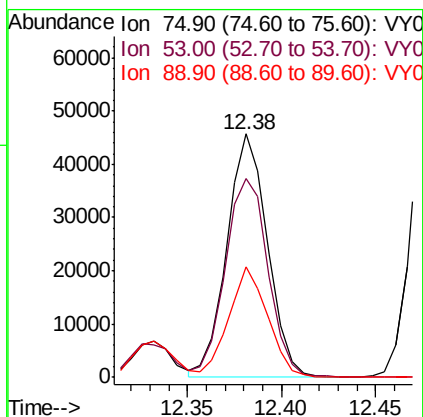
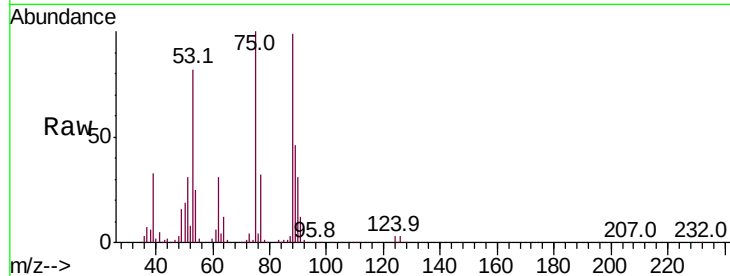




#81
trans-1,4-Dichloro-2-butene
Concen: 54.671 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

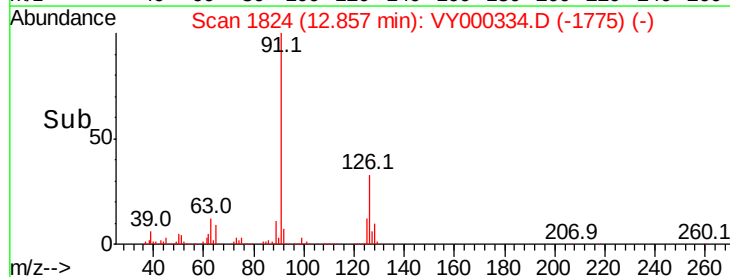
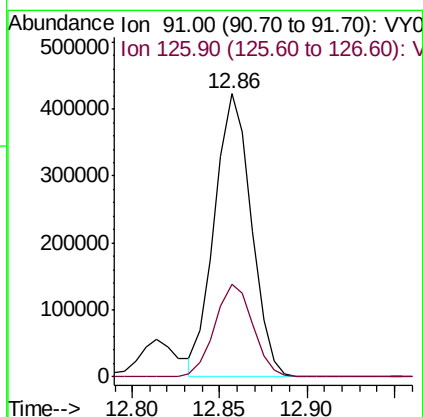
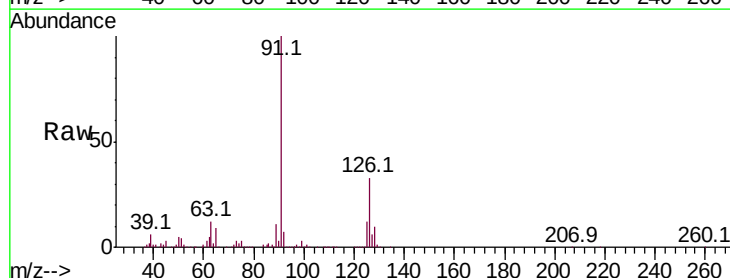
Instrument :
MSVOA_Y
ClientSampleId :

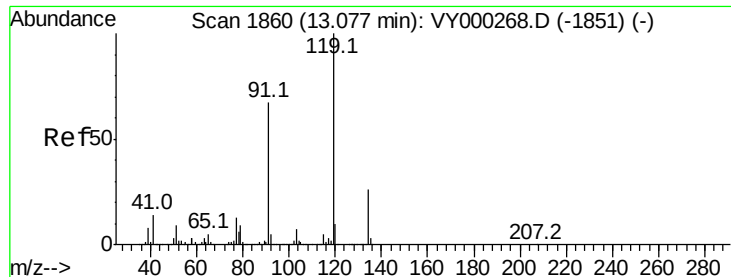
Tot Ion: 75 Resp: 67719
Ion Ratio Lower Upper
75 100
53 87.2 71.3 106.9
89 43.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 51.368 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion: 91 Resp: 618734
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.5





#83

tert-Butylbenzene

Concen: 50.320 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampleId :

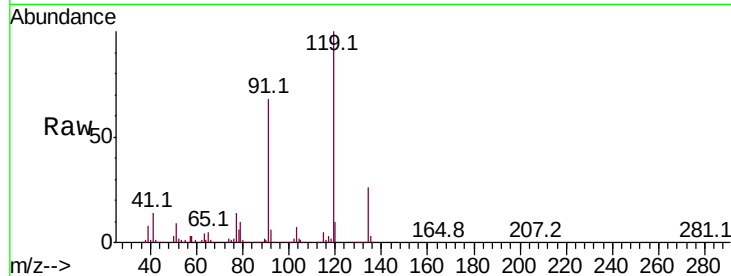
Tot Ion:119 Resp: 614061

Ion Ratio Lower Upper

119 100

91 67.8 32.9 98.7

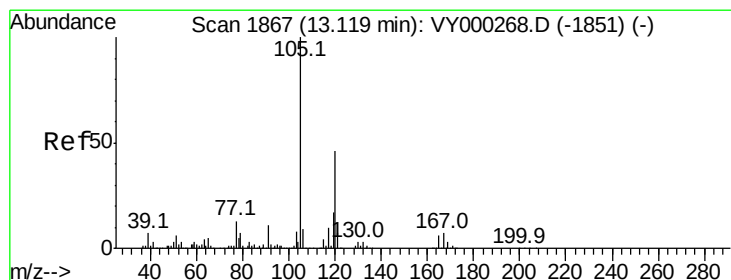
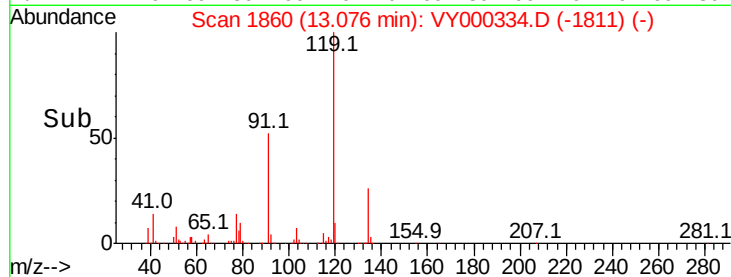
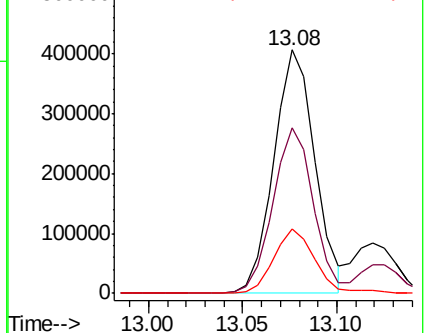
134 26.7 13.3 39.8



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: 51.848 ug/l

RT: 13.12 min Scan# 1868

Delta R.T. 0.01 min

Lab File: VY000334.D

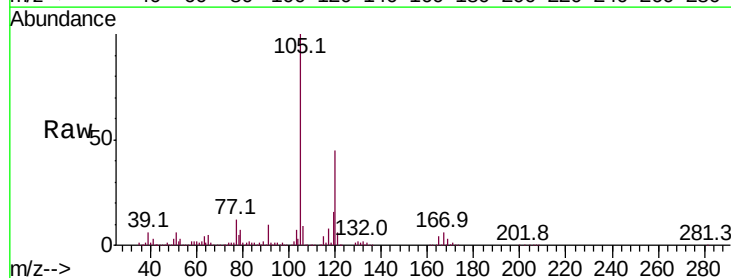
Acq: 17 Oct 2019 10:08

Tgt Ion:105 Resp: 737405

Ion Ratio Lower Upper

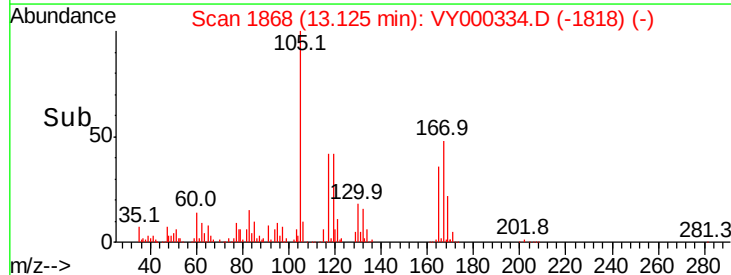
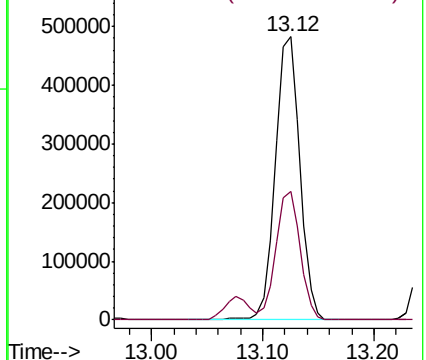
105 100

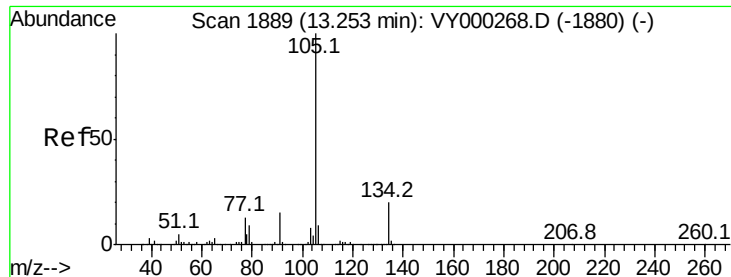
120 45.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.088 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

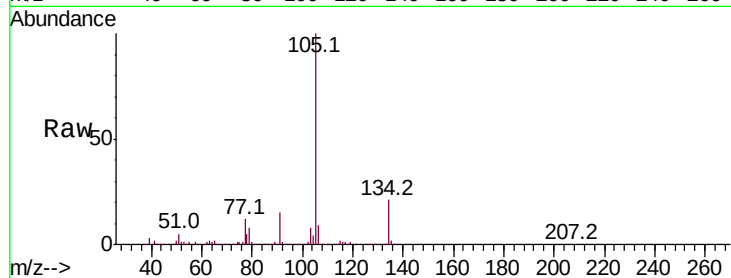
ClientSampleId :

Tot Ion:105 Resp: 901882

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

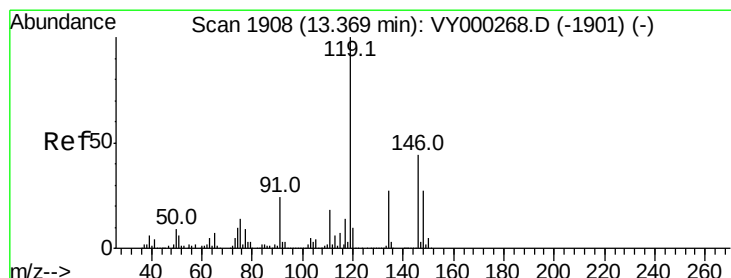
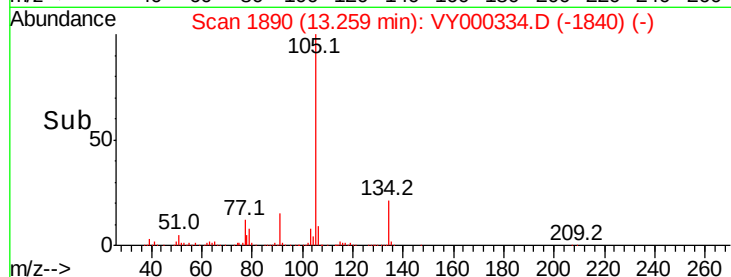
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.130 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

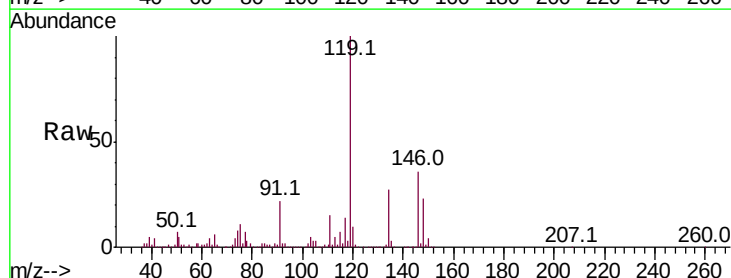
Tgt Ion:119 Resp: 802303

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

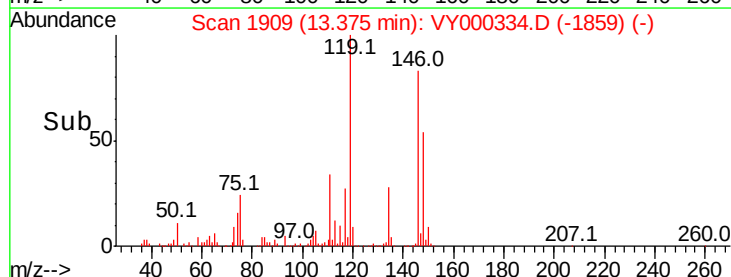
600000

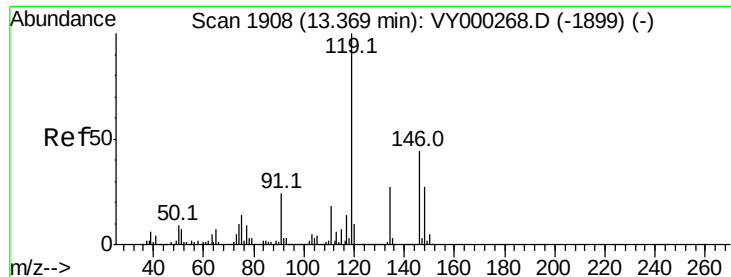
400000

200000

0

Time-->

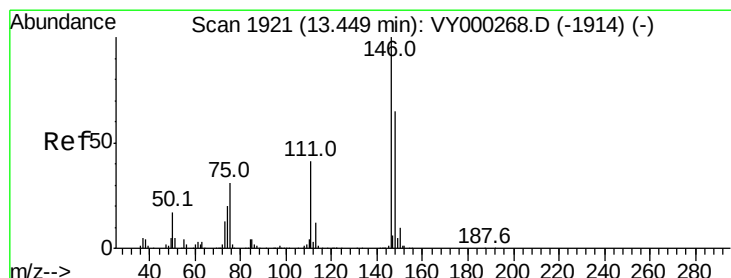
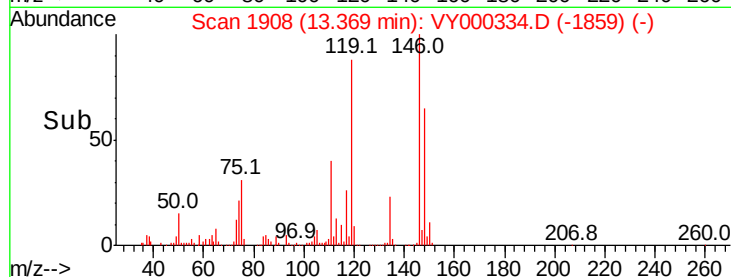
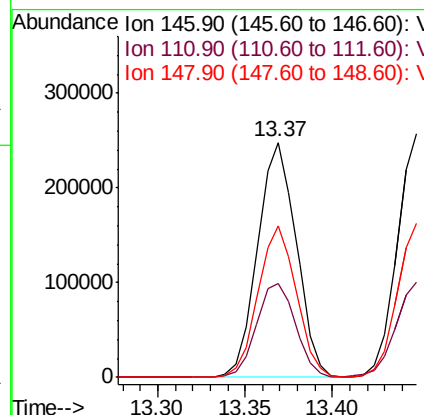
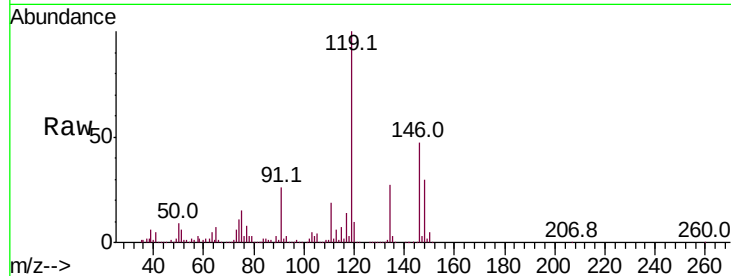




#87
 1,3-Dichlorobenzene
 Concen: 50.467 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

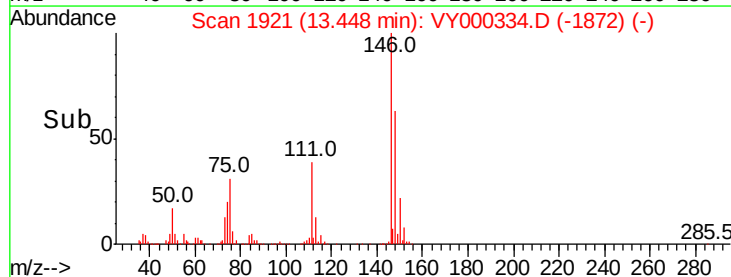
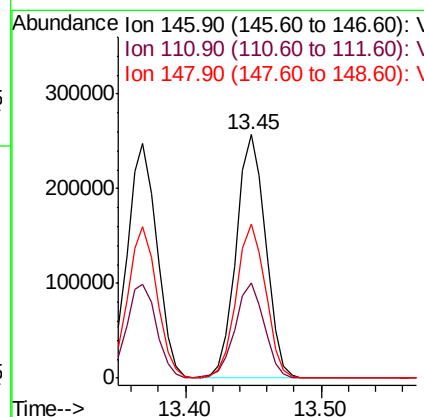
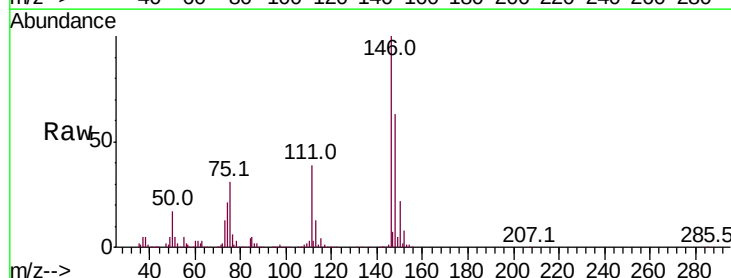
Instrument :
 MSVOA_Y
 ClientSampleId :

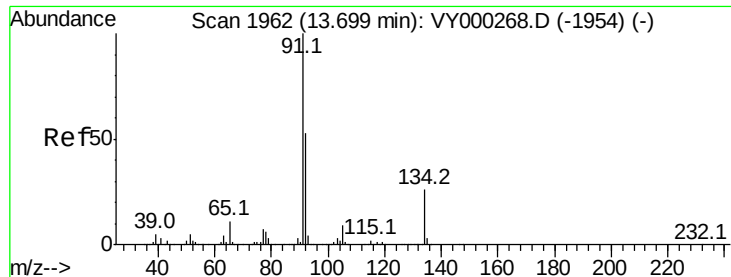
Tot Ion:146 Resp: 380244
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.6 61.8
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.367 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion:146 Resp: 386842
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.1 60.2
 148 63.4 32.4 97.2

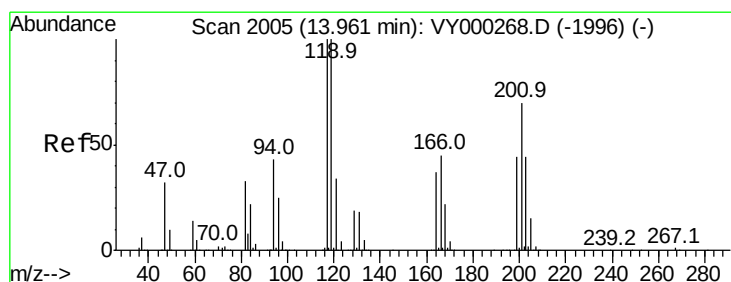
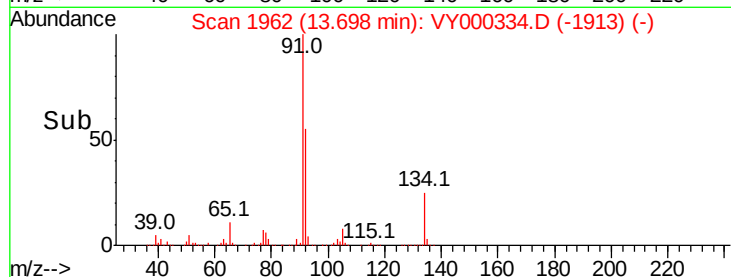
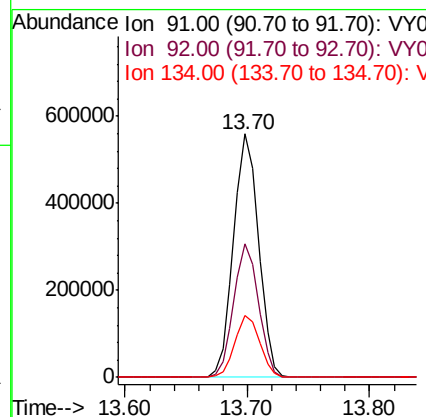
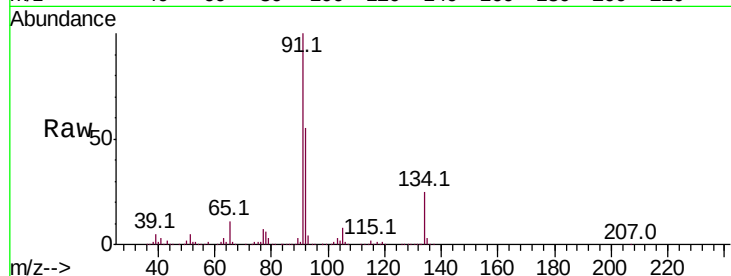




#89
n-Butylbenzene
Concen: 51.991 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

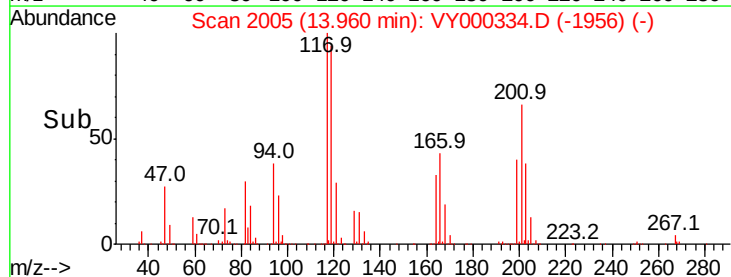
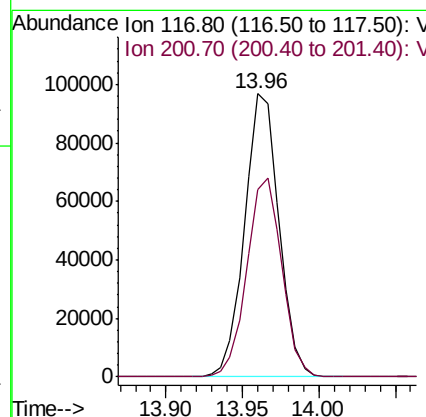
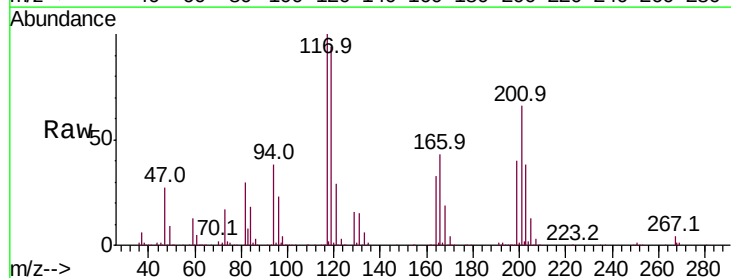
Instrument :
MSVOA_Y
ClientSampleId :

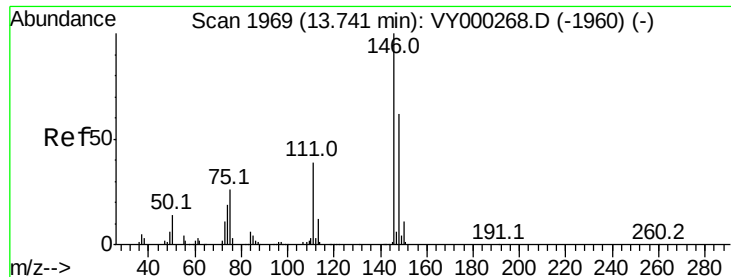
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.7	80.1
134	25.2	13.0	38.9



#90
Hexachloroethane
Concen: 52.954 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.4	36.3	108.7





#91

1,2-Dichlorobenzene

Concen: 51.854 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

Instrument :

MSVOA_Y

ClientSampled :

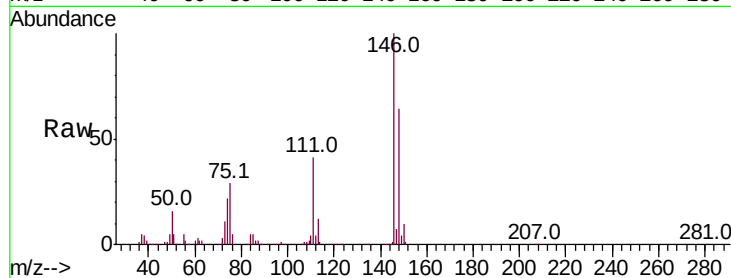
Tot Ion:146 Resp: 353573

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.5

148 64.2 31.6 95.0

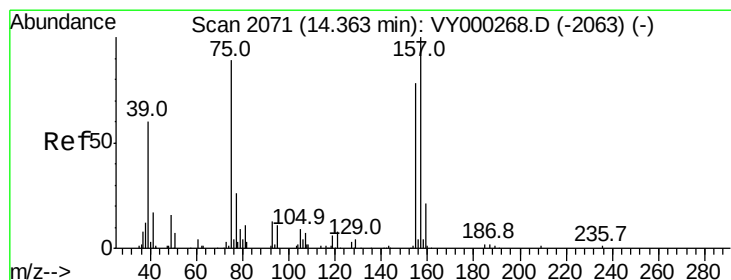
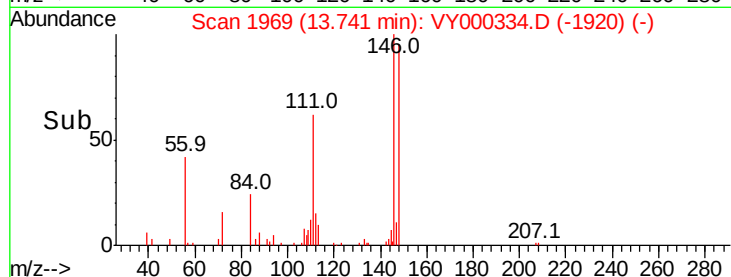
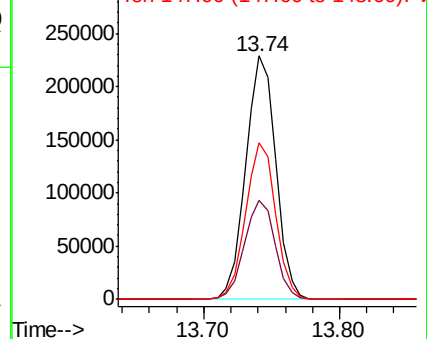


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.682 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY000334.D

Acq: 17 Oct 2019 10:08

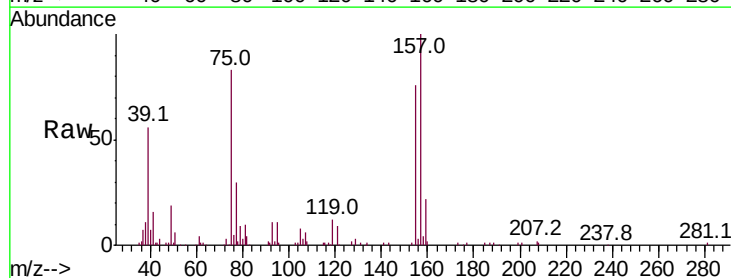
Tgt Ion: 75 Resp: 31627

Ion Ratio Lower Upper

75 100

155 87.0 45.8 137.3

157 112.7 55.6 166.9

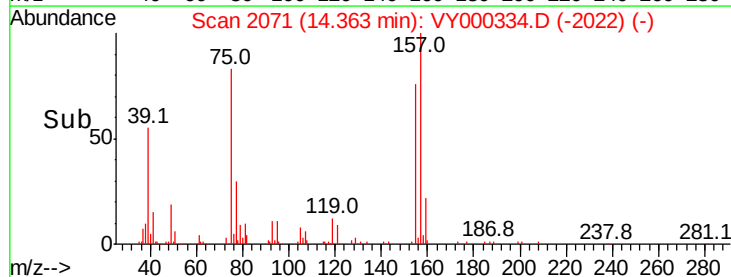
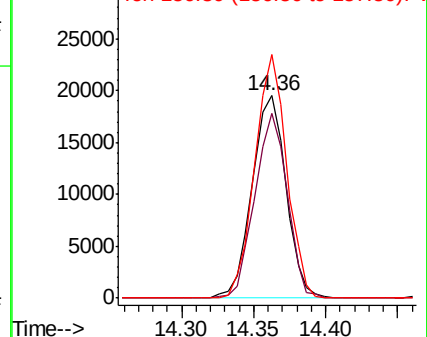


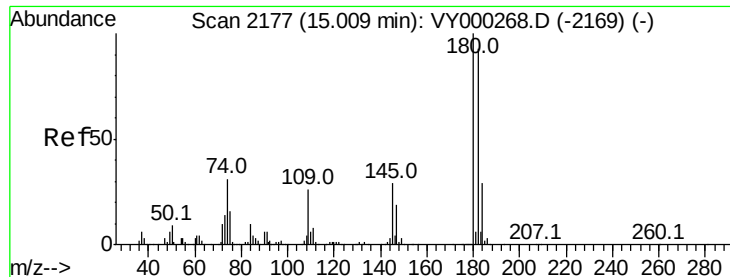
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

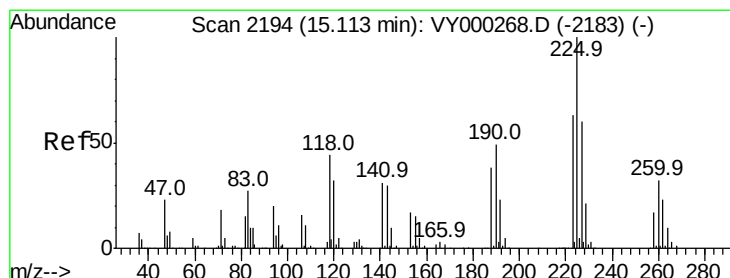
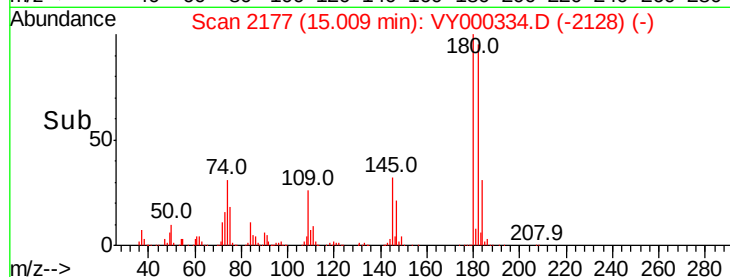
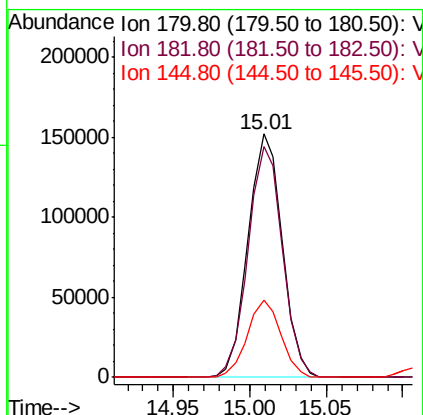
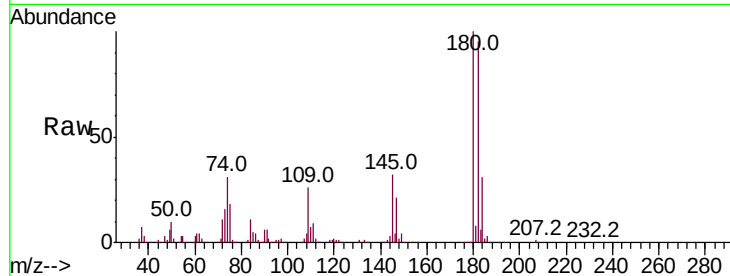




#93
 1,2,4-Trichlorobenzene
 Concen: 49.837 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

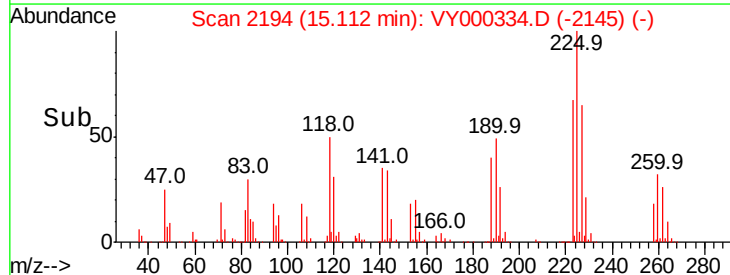
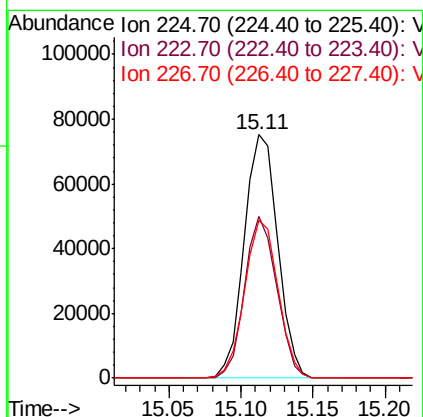
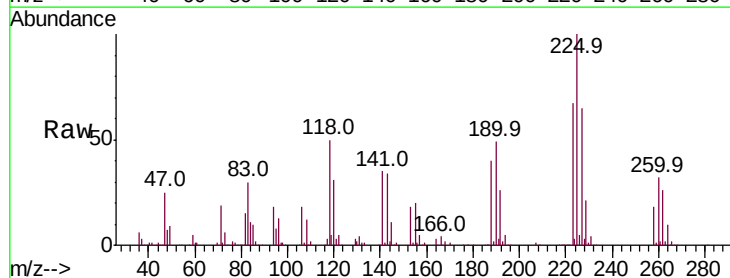
Instrument :
 MSVOA_Y
 ClientSampled :

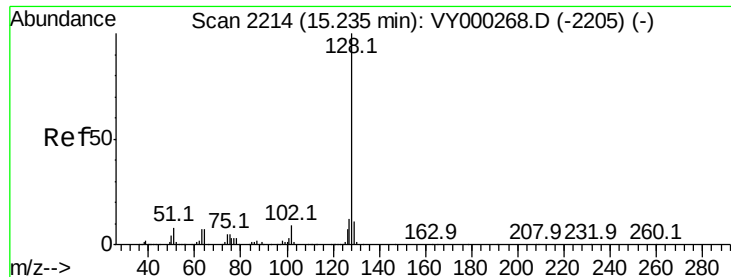
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	31.4	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 47.169 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000334.D
 Acq: 17 Oct 2019 10:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	64.8	31.4	94.2

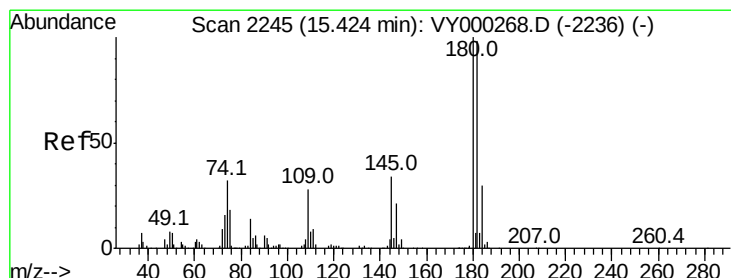
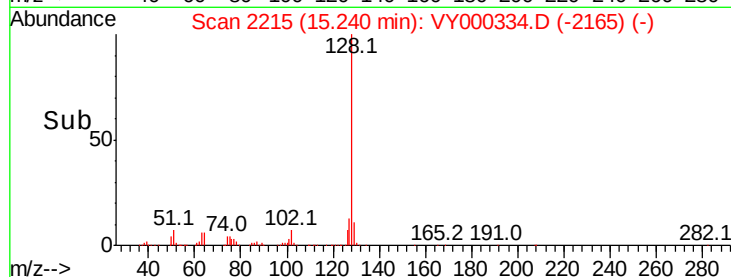
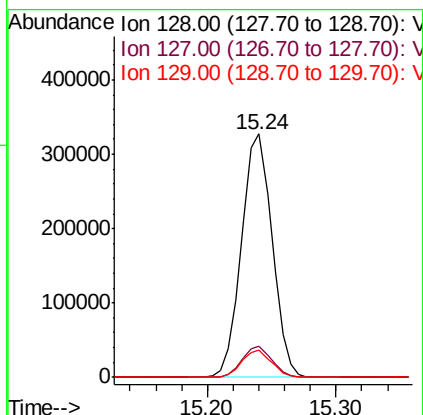
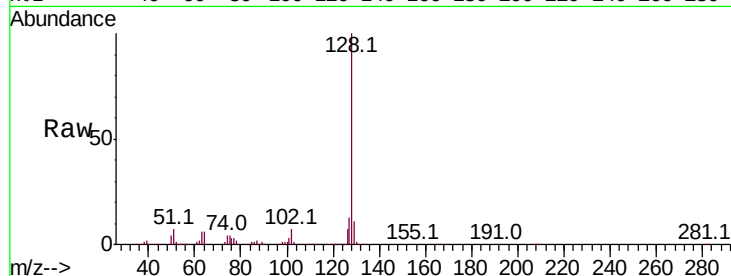




#95
Naphthalene
Concen: 50.695 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 537084
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.922 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY000334.D
Acq: 17 Oct 2019 10:08

Tgt Ion:180 Resp: 213598
Ion Ratio Lower Upper
180 100
182 93.4 46.5 139.5
145 32.6 16.2 48.5

