

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001268.D
 Acq On : 17 Jan 2020 16:27
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Quant Time: Jan 18 03:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	191462	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	333377	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	293956	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	138114	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	99343	49.13	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.75	113	92523	47.40	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.19	98	374236	49.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.49	95	135340	44.02	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	27236	18.52	ug/l	96
3) Chloromethane	2.13	50	41260	19.47	ug/l	97
4) Vinyl Chloride	2.27	62	43741	20.49	ug/l	99
5) Bromomethane	2.66	94	32159	28.04	ug/l	95
6) Chloroethane	2.81	64	29176	23.65	ug/l	93
7) Trichlorofluoromethane	3.15	101	58529	19.69	ug/l	100
8) Diethyl Ether	3.56	74	24672	21.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38459	20.10	ug/l	98
10) Methyl Iodide	4.13	142	46009	17.57	ug/l	98
11) Tert butyl alcohol	5.00	59	29217	143.60	ug/l #	87
12) 1,1-Dichloroethene	3.90	96	39858	20.36	ug/l	98
13) Acrolein	3.76	56	20259	110.61	ug/l	97
14) Allyl chloride	4.52	41	68259	20.66	ug/l	100
15) Acrylonitrile	5.21	53	62937	108.96	ug/l	98
16) Acetone	3.98	43	54158	115.32	ug/l	98
17) Carbon Disulfide	4.22	76	118859	18.76	ug/l	99
18) Methyl Acetate	4.52	43	32829	21.14	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	113959	21.05	ug/l	99
20) Methylene Chloride	4.76	84	57922	23.54	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	45703	20.59	ug/l	90
22) Diisopropyl ether	6.16	45	144952	21.48	ug/l	97
23) Vinyl Acetate	6.10	43	465933	107.98	ug/l	99
24) 1,1-Dichloroethane	6.05	63	78104	21.14	ug/l	99
25) 2-Butanone	7.02	43	84384	115.45	ug/l	96
26) 2,2-Dichloropropane	7.02	77	70313	20.70	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	52379	21.54	ug/l	99
28) Bromochloromethane	7.36	49	28806	18.99	ug/l	98
29) Tetrahydrofuran	7.38	42	54052	107.91	ug/l	98
30) Chloroform	7.53	83	77066	21.29	ug/l	99
31) Cyclohexane	7.81	56	74159	18.96	ug/l	90
32) 1,1,1-Trichloroethane	7.73	97	64867	20.20	ug/l	100
36) 1,1-Dichloropropene	7.94	75	61390	20.20	ug/l	99
37) Ethyl Acetate	7.11	43	36375	20.40	ug/l	98
38) Carbon Tetrachloride	7.92	117	55861	20.06	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001268.D
 Acq On : 17 Jan 2020 16:27
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Quant Time: Jan 18 03:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	78024	18.94	ug/l	96
40) Benzene	8.19	78	186208	20.99	ug/l	99
41) Methacrylonitrile	7.38	41	50165	59.89	ug/l #	30
42) 1,2-Dichloroethane	8.26	62	51433	20.71	ug/l	99
43) Isopropyl Acetate	8.30	43	71486	20.96	ug/l	98
44) Trichloroethene	8.96	130	47363	20.49	ug/l	95
45) 1,2-Dichloropropane	9.24	63	46991	21.43	ug/l	96
46) Dibromomethane	9.33	93	24461	20.45	ug/l	98
47) Bromodichloromethane	9.52	83	60799	20.85	ug/l	95
48) Methyl methacrylate	9.31	41	31679	20.08	ug/l	96
49) 1,4-Dioxane	9.32	88	6708	460.39	ug/l #	95
51) 4-Methyl-2-Pentanone	10.08	43	182916	105.72	ug/l	97
52) Toluene	10.26	92	117187	20.72	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	65908	20.20	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	75416	20.50	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36761	20.73	ug/l	98
56) Ethyl methacrylate	10.52	69	55479	20.45	ug/l	99
57) 1,3-Dichloropropane	10.80	76	64497	21.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	100869	105.71	ug/l	99
59) 2-Hexanone	10.84	43	130239	107.41	ug/l	98
60) Dibromochloromethane	11.00	129	41594	20.37	ug/l	99
61) 1,2-Dibromoethane	11.10	107	34546	19.95	ug/l	99
64) Tetrachloroethene	10.73	164	37238	19.65	ug/l	98
65) Chlorobenzene	11.53	112	122933	20.93	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	43497	21.49	ug/l	99
67) Ethyl Benzene	11.60	91	225415	20.98	ug/l	100
68) m/p-Xylenes	11.71	106	171275	42.26	ug/l	98
69) o-Xylene	12.04	106	82572	21.25	ug/l	96
70) Styrene	12.05	104	142585	20.91	ug/l	98
71) Bromoform	12.22	173	24764	19.84	ug/l #	99
73) Isopropylbenzene	12.34	105	213374	20.55	ug/l	99
74) N-amyl acetate	12.16	43	65063	20.08	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45402	20.78	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	59549	40.28	ug/l #	100
77) Bromobenzene	12.62	156	48942	21.33	ug/l	94
78) n-propylbenzene	12.68	91	257361	20.61	ug/l	100
79) 2-Chlorotoluene	12.77	91	146496	20.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	181197	20.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16714	19.17	ug/l #	100
82) 4-Chlorotoluene	12.86	91	153823	20.09	ug/l	98
83) tert-Butylbenzene	13.08	119	151249	20.78	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	181828	21.13	ug/l	100
85) sec-Butylbenzene	13.26	105	216913	20.71	ug/l	100
86) p-Isopropyltoluene	13.37	119	192249	21.14	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	95701	22.06	ug/l	96
88) 1,4-Dichlorobenzene	13.45	146	94125	21.08	ug/l	99
89) n-Butylbenzene	13.70	91	188918	20.63	ug/l	100
90) Hexachloroethane	13.97	117	36293	20.43	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	85653	21.24	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7356	18.67	ug/l	92

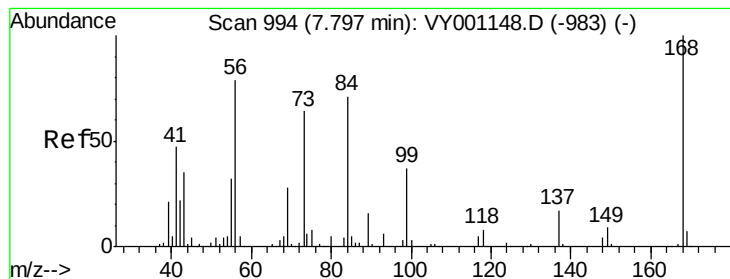
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
Data File : VY001268.D
Acq On : 17 Jan 2020 16:27
Operator : SY/MD
Sample : VY0117SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Quant Time: Jan 18 03:24:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	57392	21.60	ug/l	99
94) Hexachlorobutadiene	15.12	225	28893	21.59	ug/l	99
95) Naphthalene	15.24	128	126535	20.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	51236	21.88	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

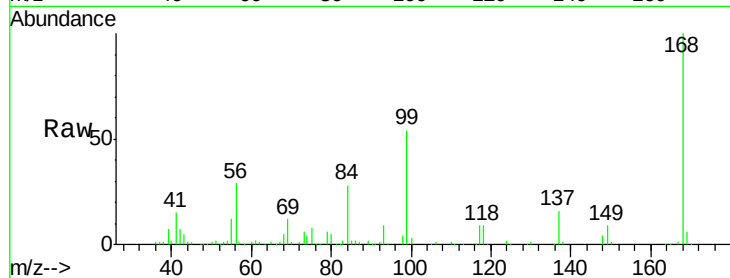
VY0117SBS01

Tgt Ion:168 Resp: 191462

Ion Ratio Lower Upper

168 100

99 53.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.82

80000

60000

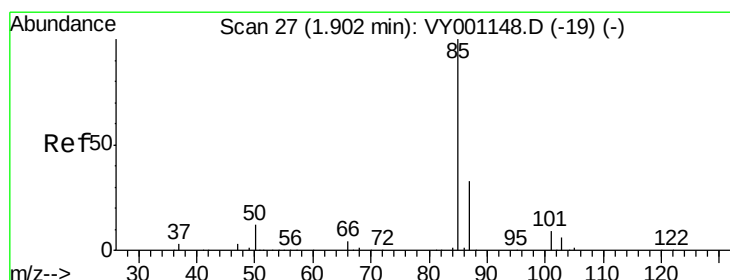
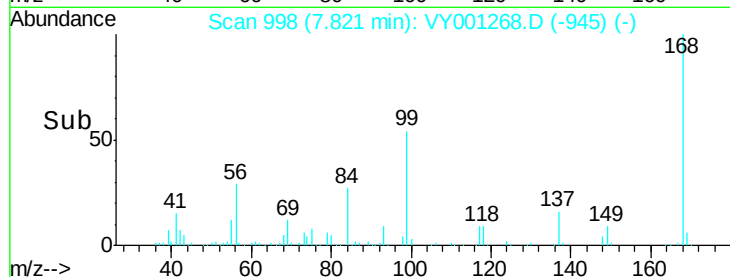
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.52 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.02 min

Lab File: VY001268.D

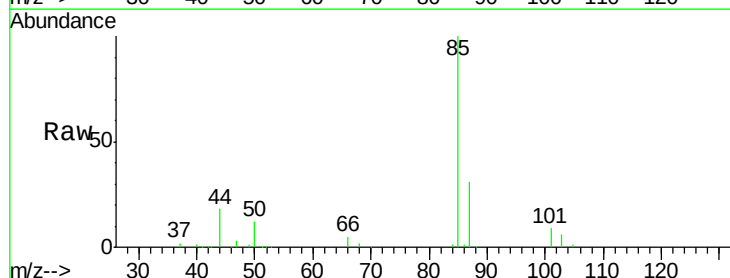
Acq: 17 Jan 2020 16:27

Tgt Ion: 85 Resp: 27236

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.92

20000

15000

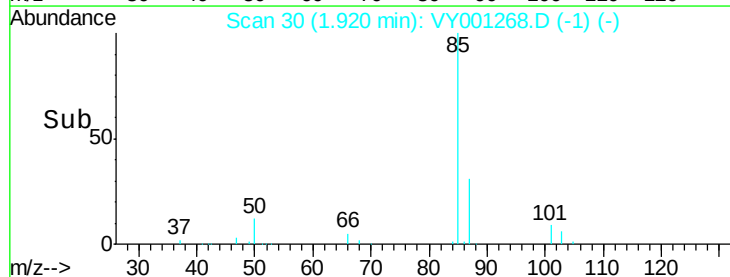
10000

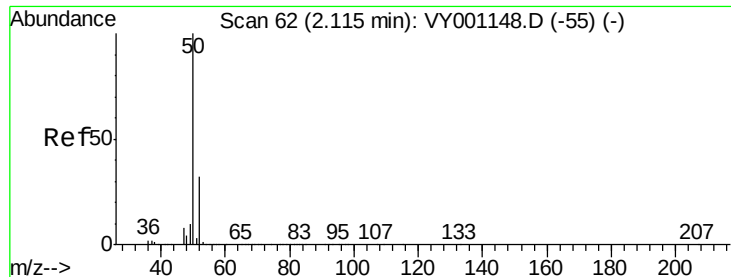
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.47 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

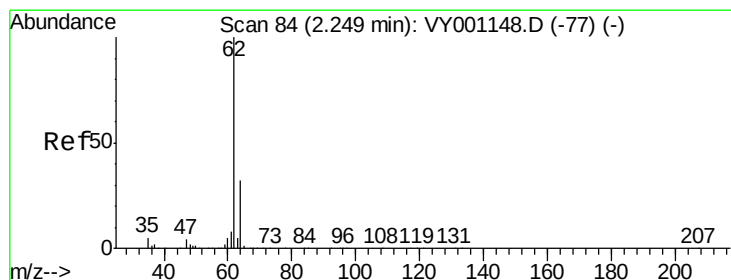
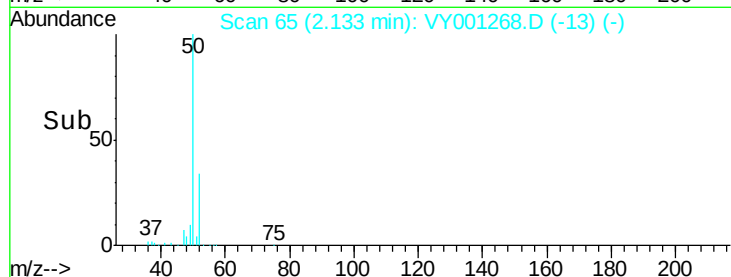
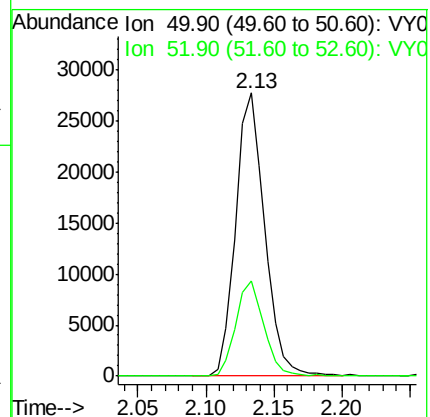
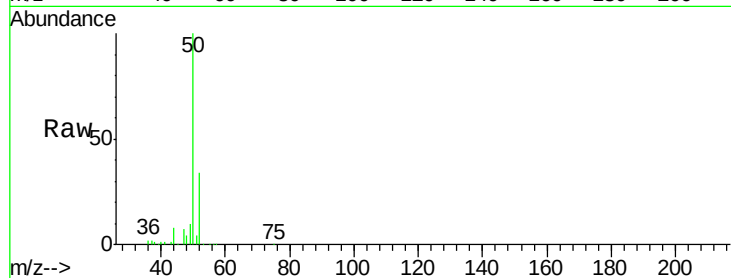
VY0117SBS01

Tgt Ion: 50 Resp: 41260

Ion Ratio Lower Upper

50 100

52 33.7 25.8 38.6



#4

Vinyl Chloride

Concen: 20.49 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: VY001268.D

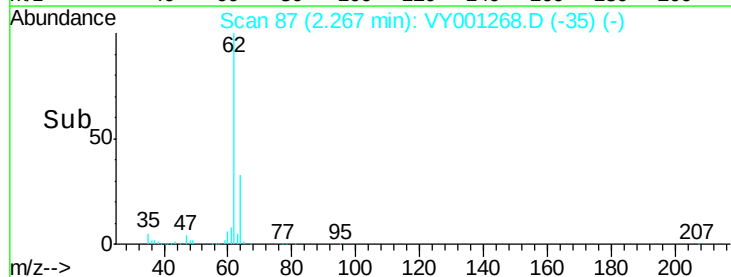
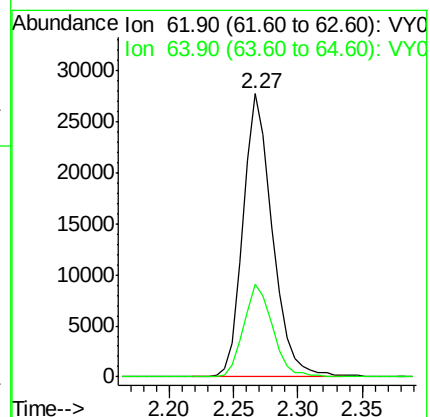
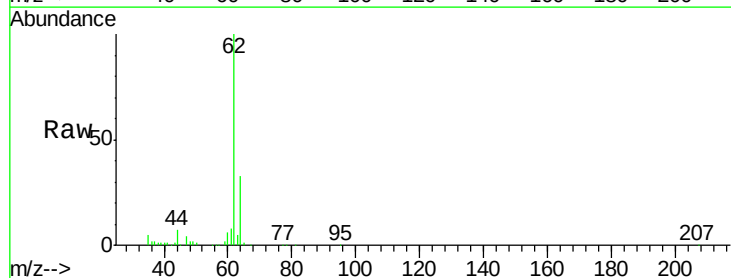
Acq: 17 Jan 2020 16:27

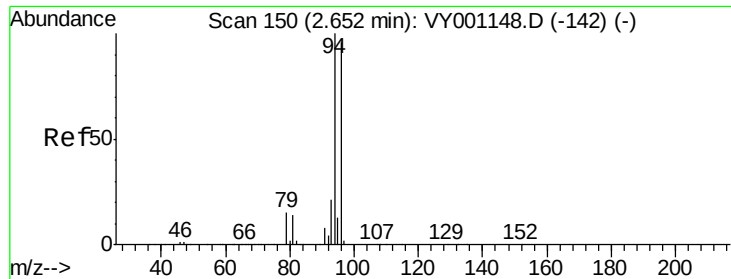
Tgt Ion: 62 Resp: 43741

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 28.04 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

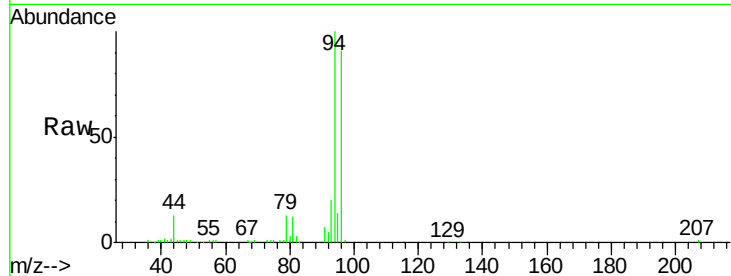
VY0117SBS01

Tgt Ion: 94 Resp: 32159

Ion Ratio Lower Upper

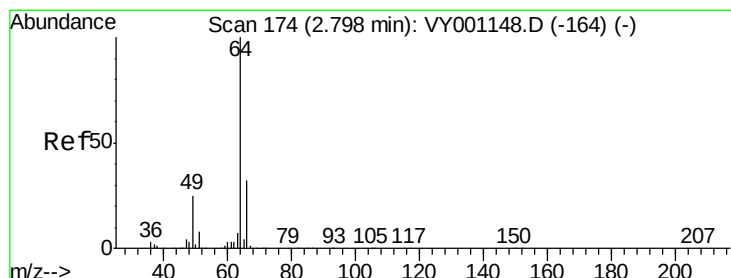
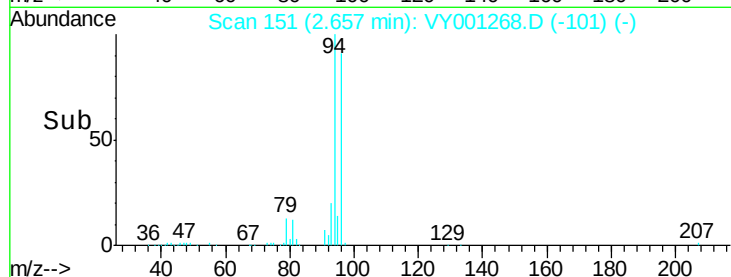
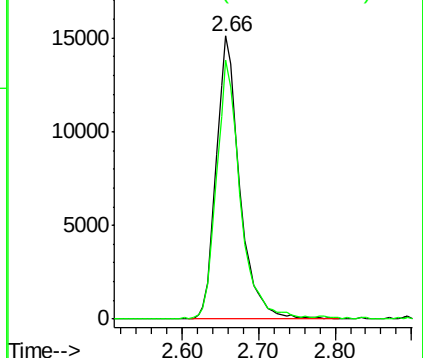
94 100

96 91.4 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 23.65 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY001268.D

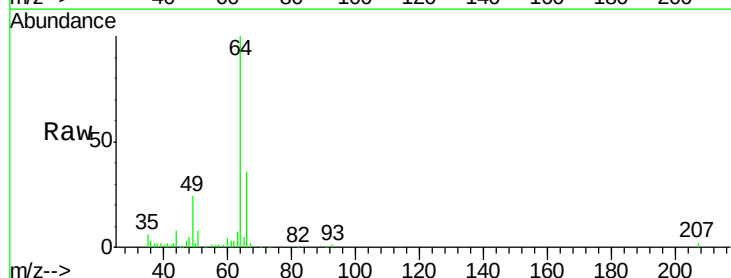
Acq: 17 Jan 2020 16:27

Tgt Ion: 64 Resp: 29176

Ion Ratio Lower Upper

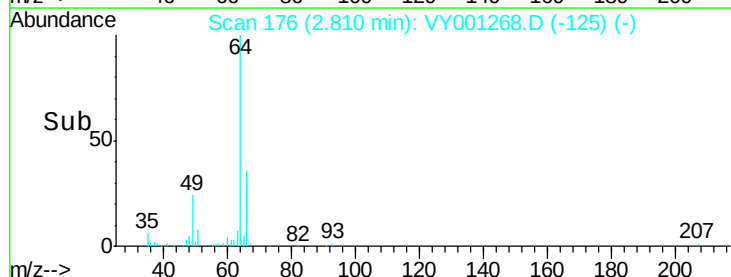
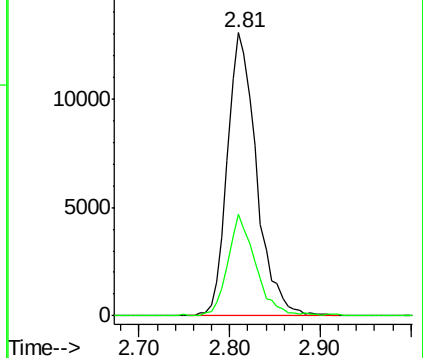
64 100

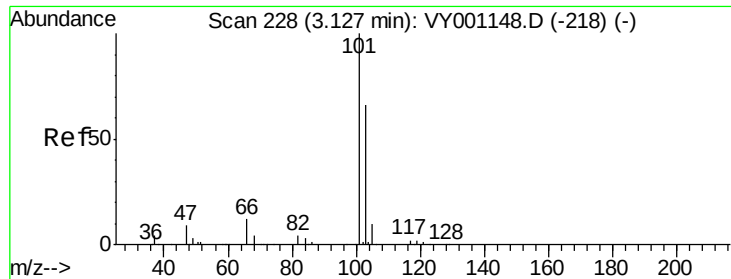
66 35.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



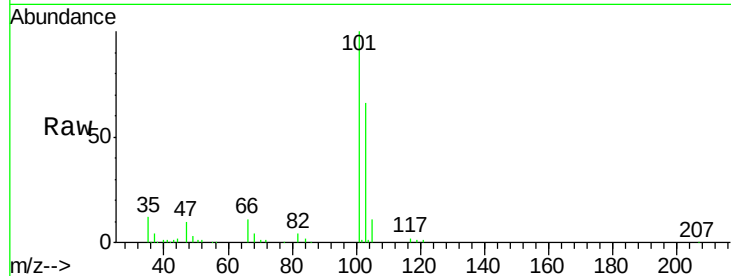


#7

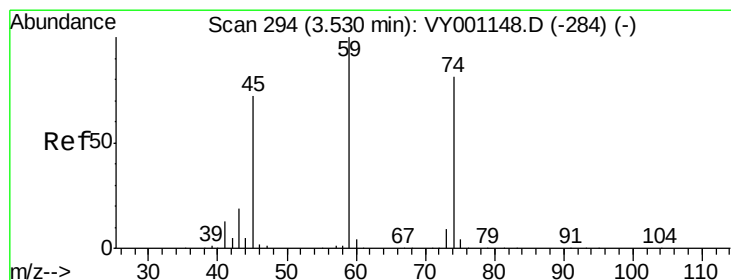
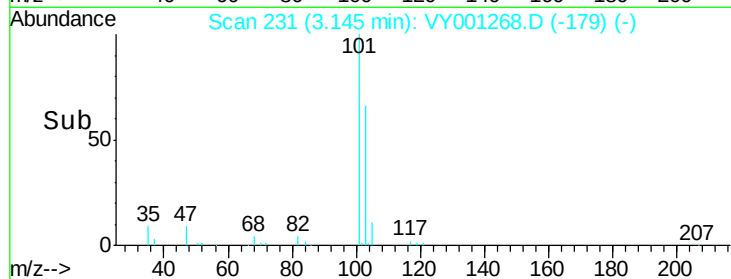
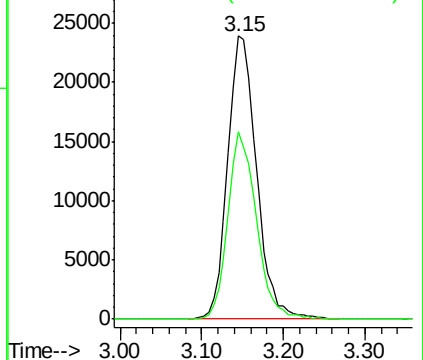
Trichlorofluoromethane
Concen: 19.69 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion:101 Resp: 58529
Ion Ratio Lower Upper
101 100
103 66.0 52.6 79.0



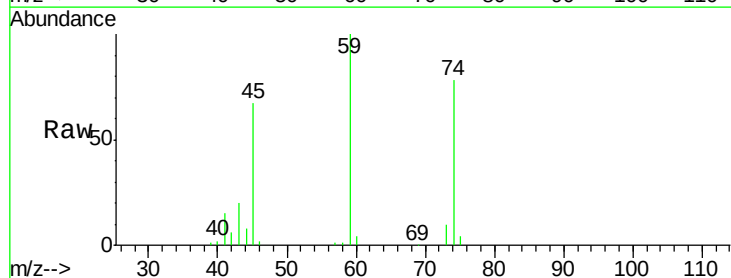
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



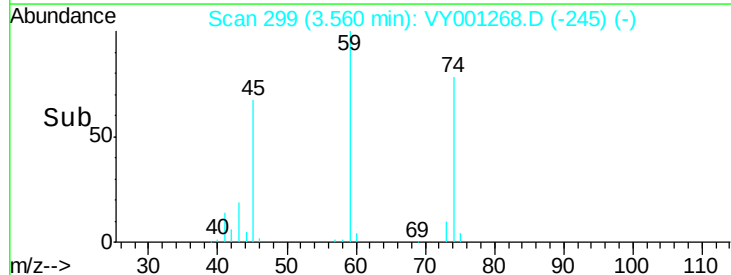
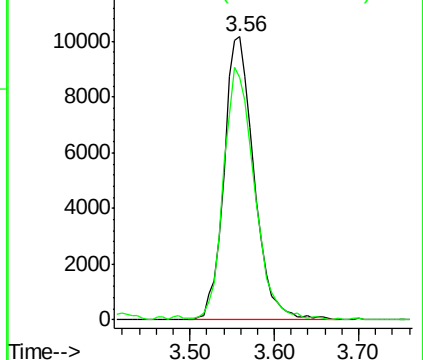
#8

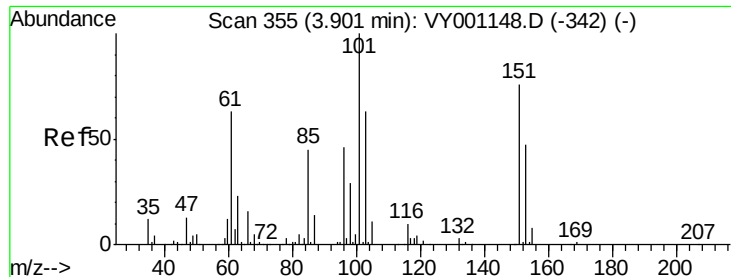
Diethyl Ether
Concen: 21.36 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.03 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 74 Resp: 24672
Ion Ratio Lower Upper
74 100
45 92.4 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.10 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

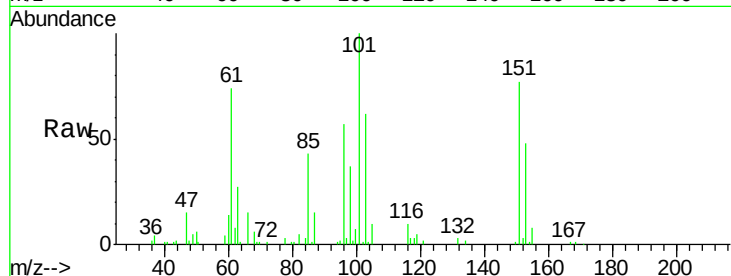
Tgt Ion:101 Resp: 38459

Ion Ratio Lower Upper

101 100

85 42.3 35.2 52.8

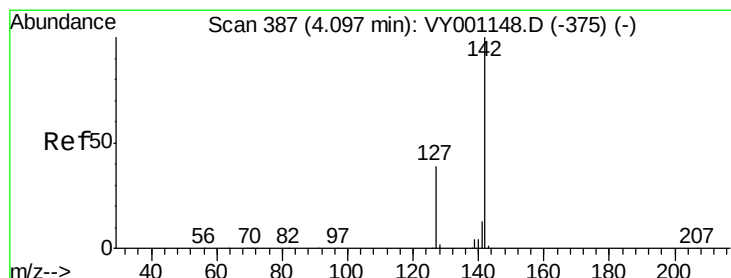
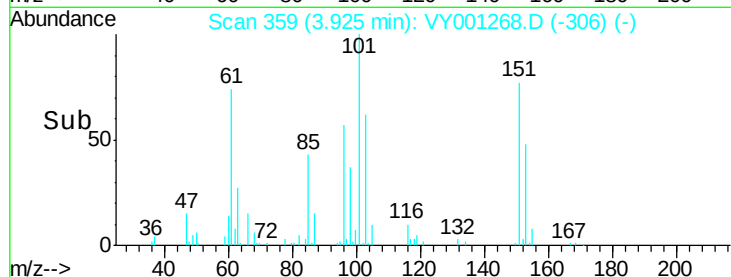
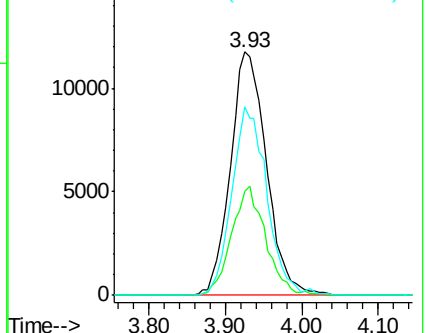
151 75.0 61.4 92.2



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: 17.57 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

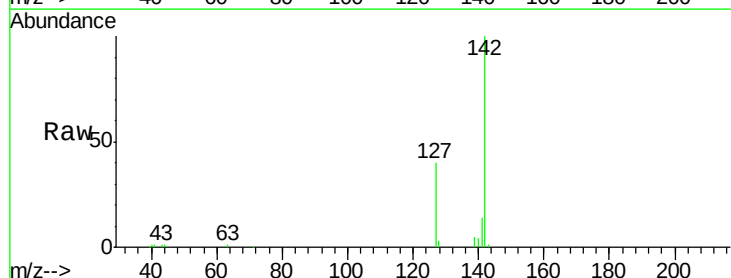
Tgt Ion:142 Resp: 46009

Ion Ratio Lower Upper

142 100

127 39.9 30.8 46.2

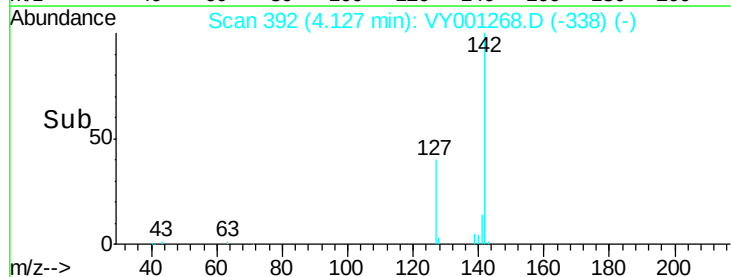
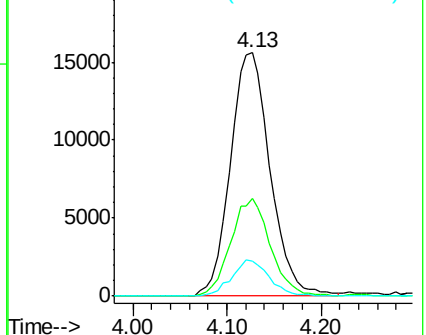
141 14.1 11.0 16.4

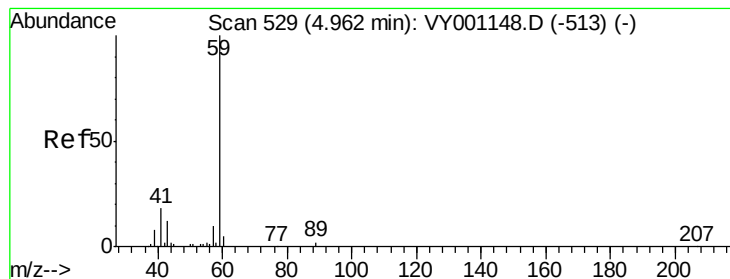


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 143.60 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.04 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

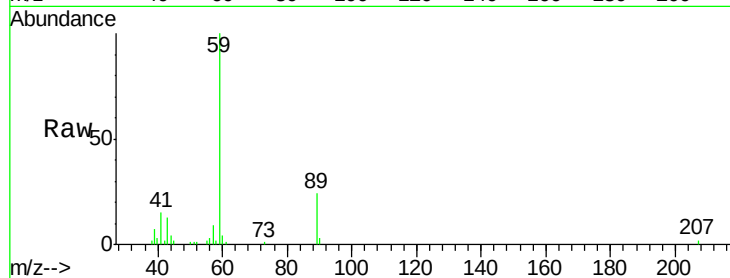
VY0117SBS01

Tgt Ion: 59 Resp: 29217

Ion Ratio Lower Upper

59 100

57 4.9 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

5.00

8000

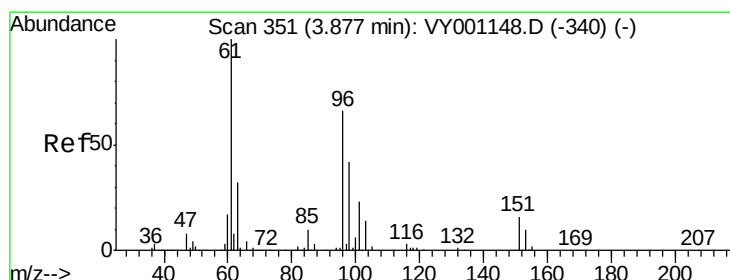
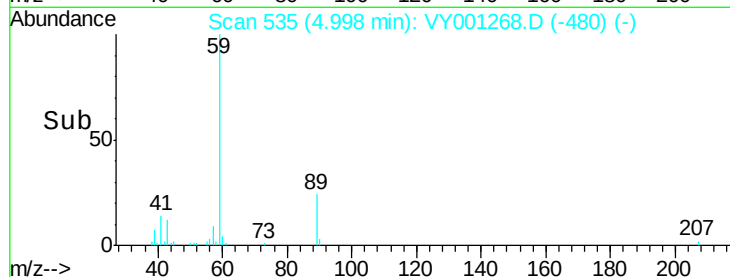
6000

4000

2000

0

Time-->



#12

1,1-Dichloroethene

Concen: 20.36 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

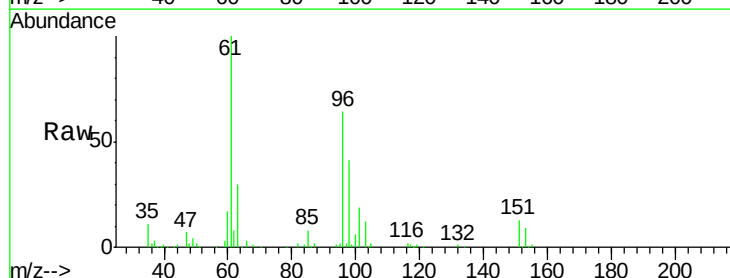
Tgt Ion: 96 Resp: 39858

Ion Ratio Lower Upper

96 100

61 156.3 122.1 183.1

98 64.8 51.0 76.6



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

30000

25000

20000

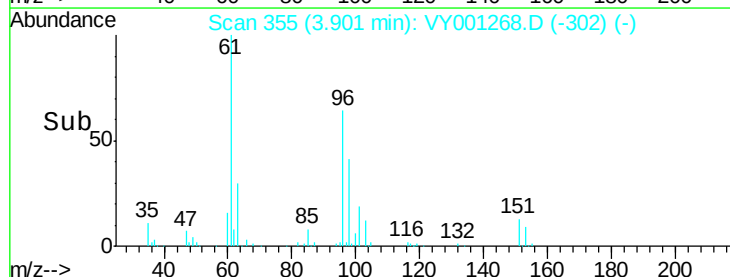
15000

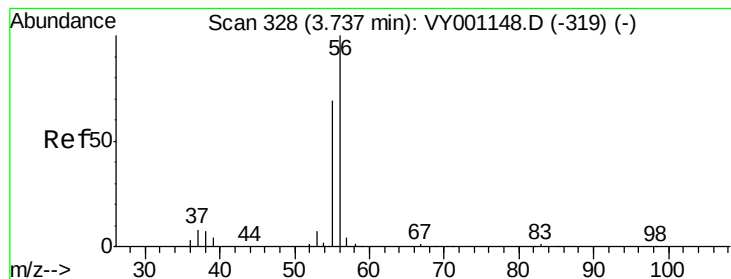
10000

5000

0

Time-->





#13

Acrolein

Concen: 110.61 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

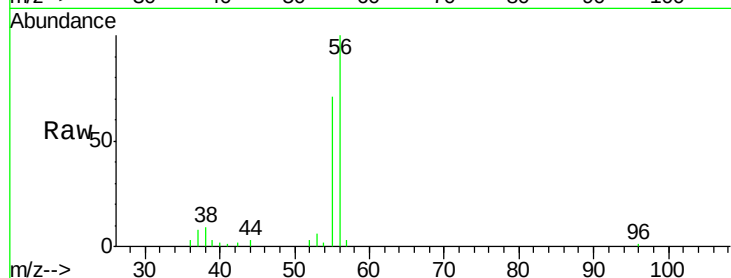
VY0117SBS01

Tgt Ion: 56 Resp: 20259

Ion Ratio Lower Upper

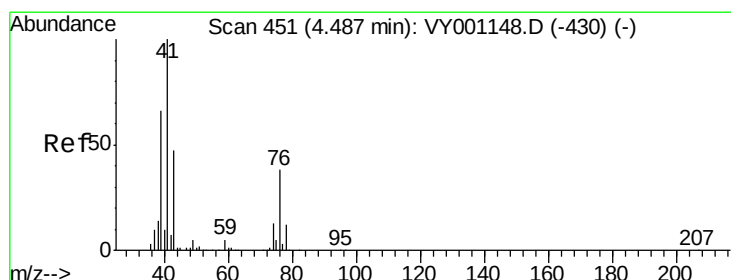
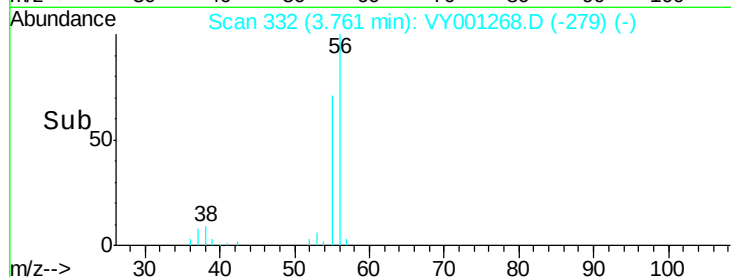
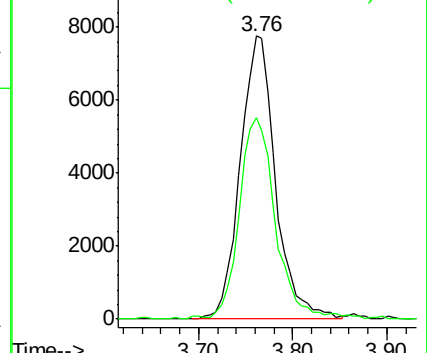
56 100

55 73.5 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.66 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

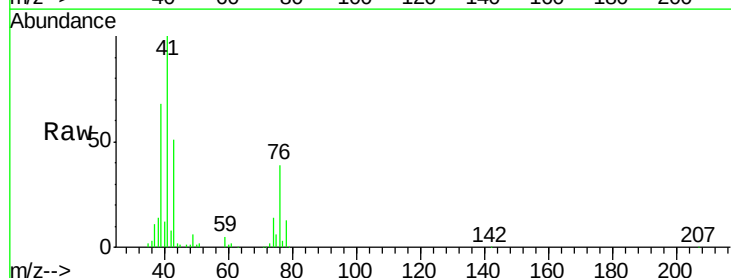
Tgt Ion: 41 Resp: 68259

Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

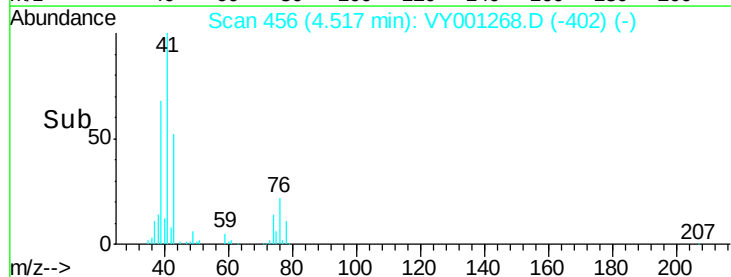
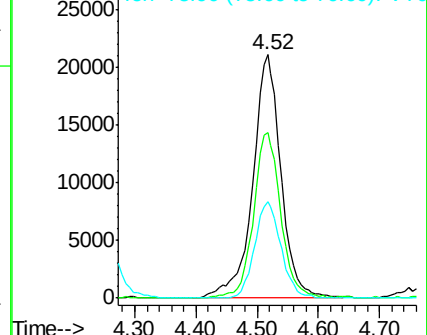
76 37.1 30.2 45.2

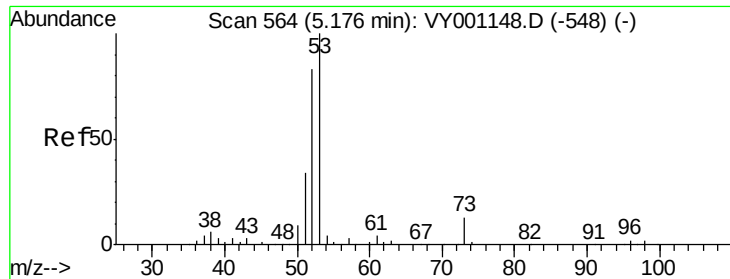


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 108.96 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

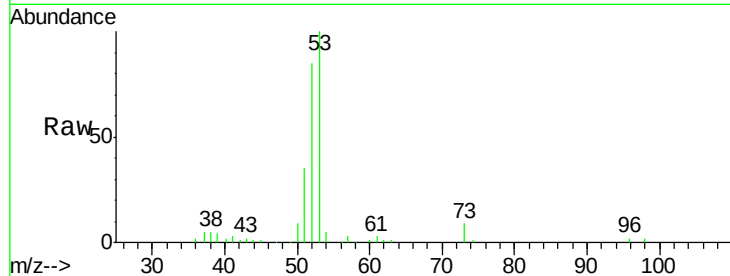
MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion: 53 Resp: 62937

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.7	98.5
51	37.2	28.7	43.1

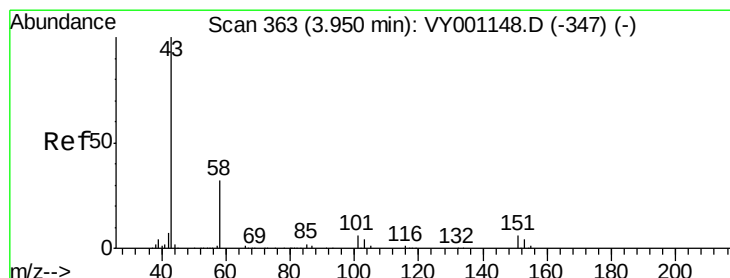
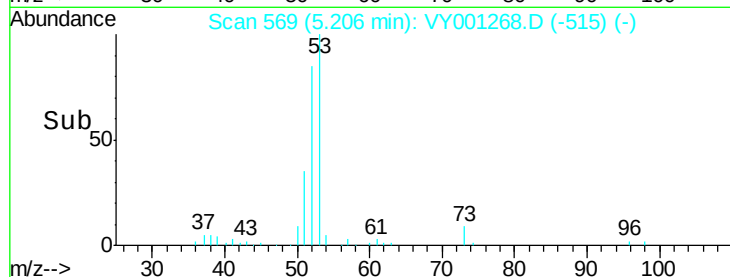
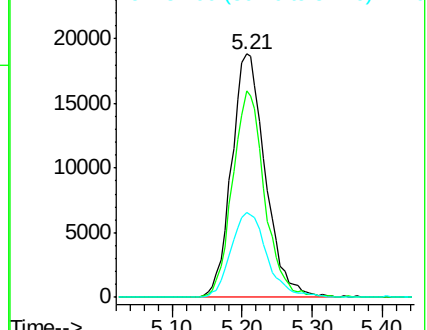


Abundance

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: 115.32 ug/l

RT: 3.98 min Scan# 368

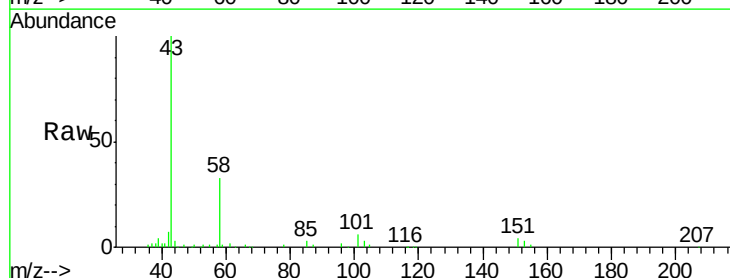
Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion: 43 Resp: 54158

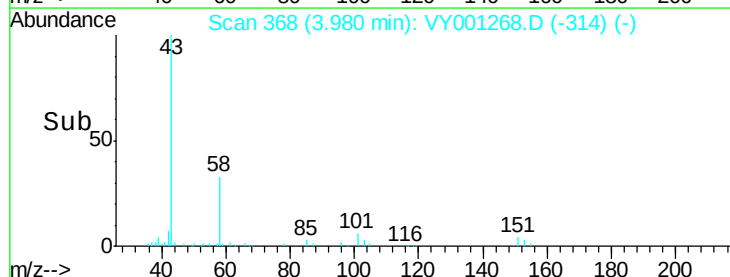
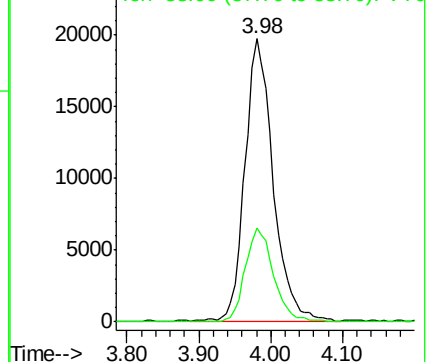
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.8	38.6

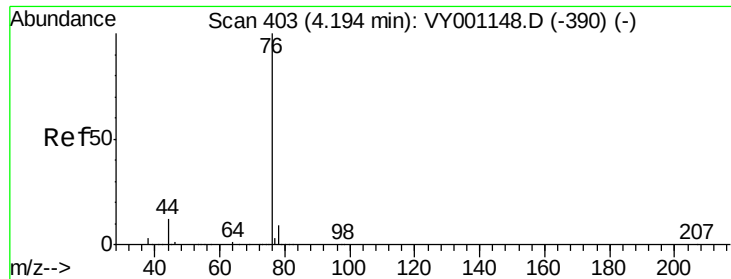


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 18.76 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

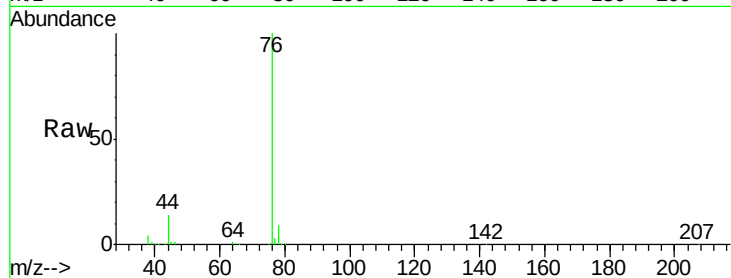
VY0117SBS01

Tgt Ion: 76 Resp: 118859

Ion Ratio Lower Upper

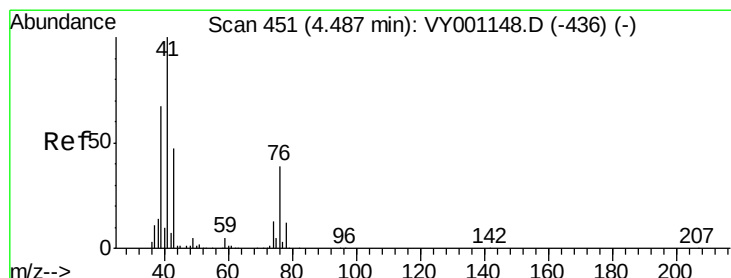
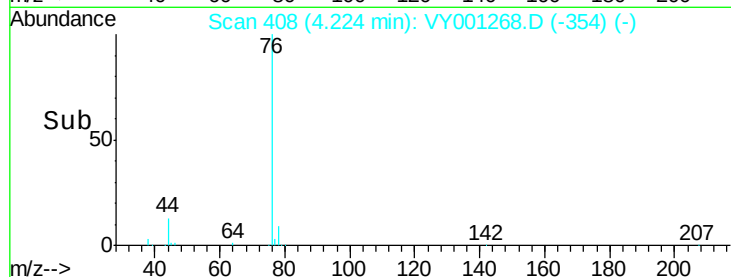
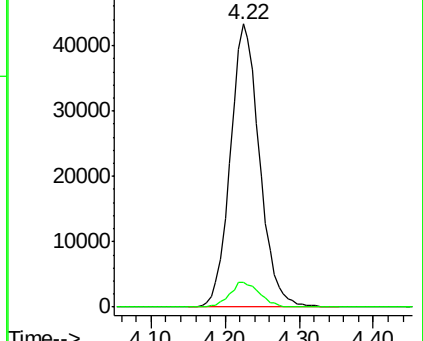
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.14 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.03 min

Lab File: VY001268.D

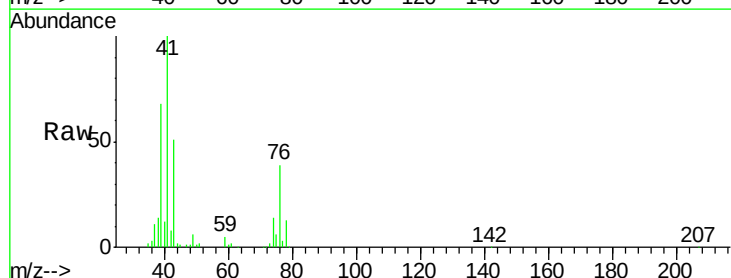
Acq: 17 Jan 2020 16:27

Tgt Ion: 43 Resp: 32829

Ion Ratio Lower Upper

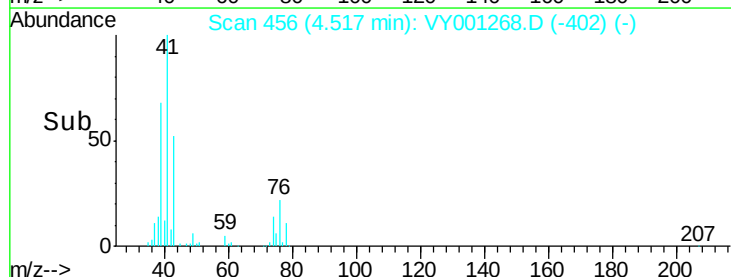
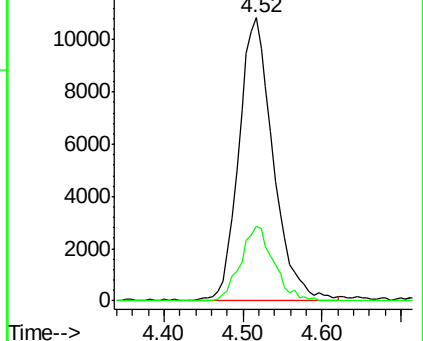
43 100

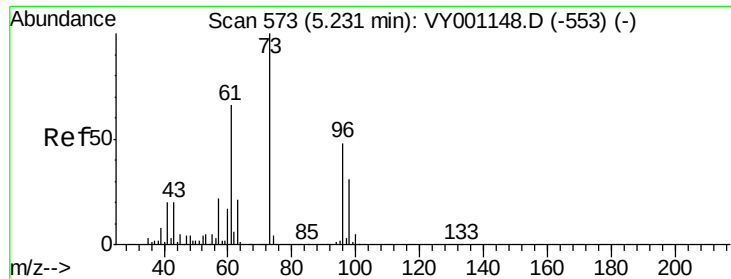
74 25.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

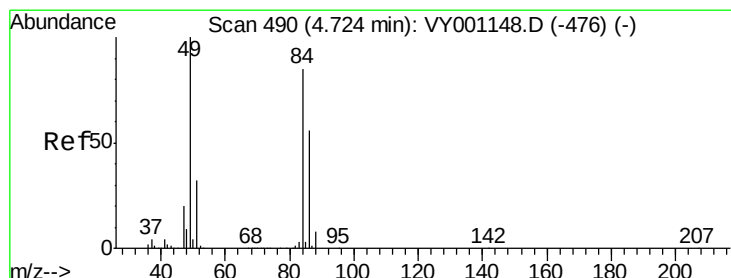
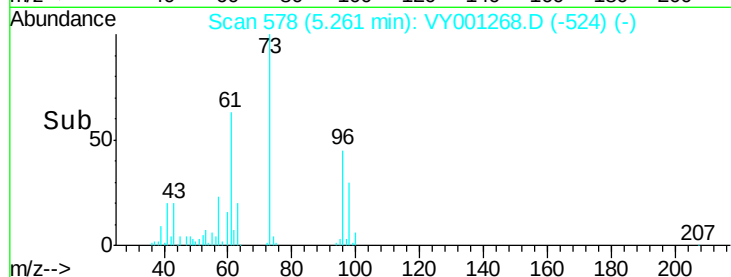
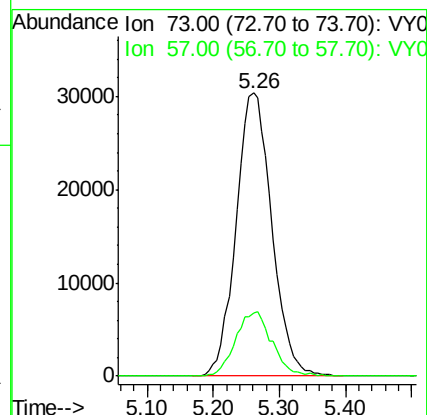
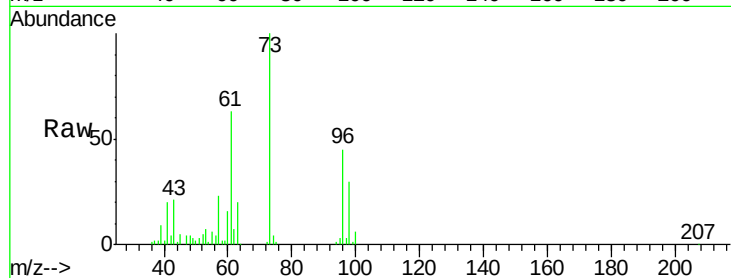




#19
Methyl tert-butyl Ether
Concen: 21.05 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.03 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

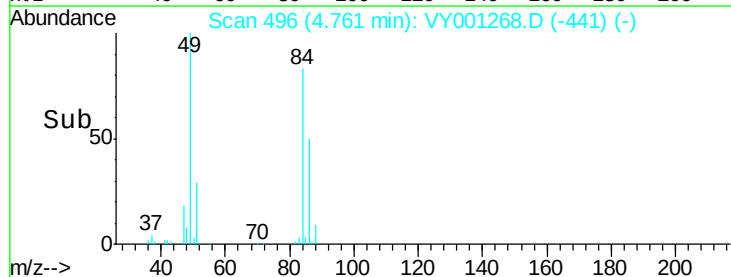
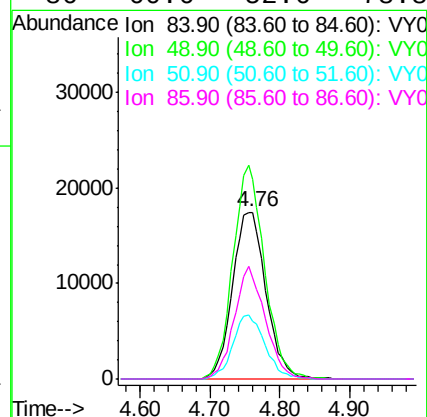
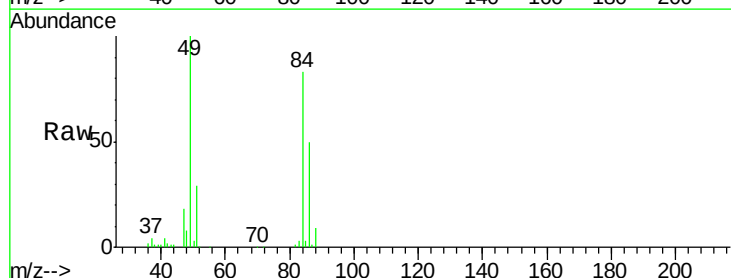
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

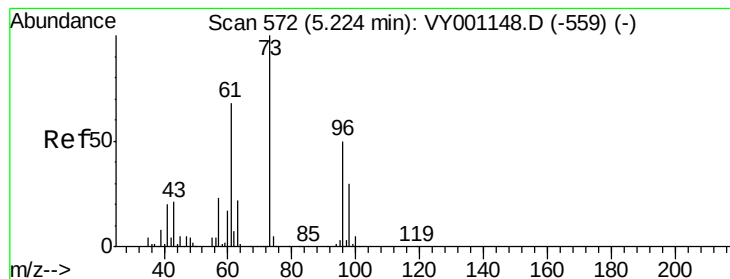
Tgt Ion: 73 Resp: 113959
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.6



#20
Methylene Chloride
Concen: 23.54 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.04 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 84 Resp: 57922
Ion Ratio Lower Upper
84 100
49 120.0 93.8 140.6
51 34.6 29.9 44.9
86 60.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.59 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.04 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

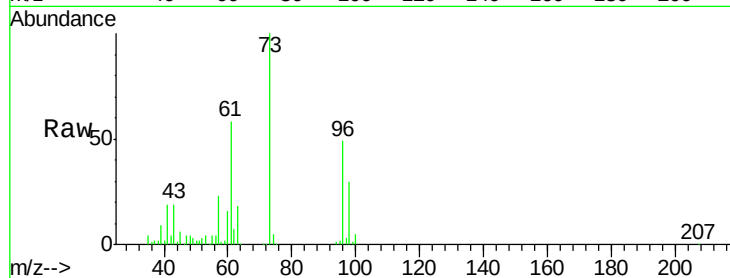
Tgt Ion: 96 Resp: 45703

Ion Ratio Lower Upper

96 100

61 119.3 107.6 161.4

98 61.6 47.6 71.4

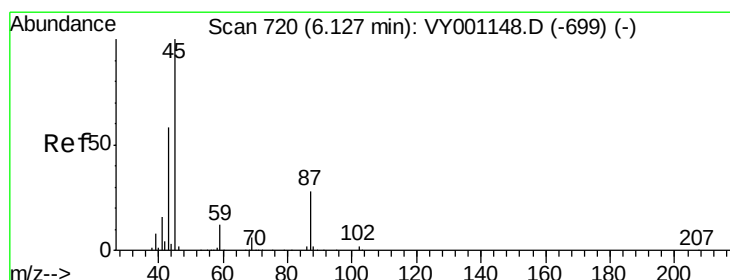
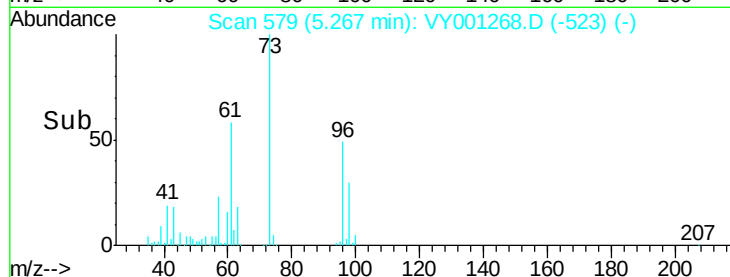
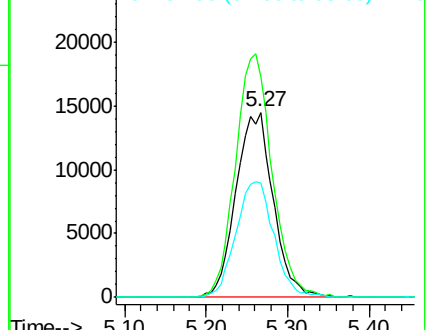


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.48 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion: 45 Resp: 144952

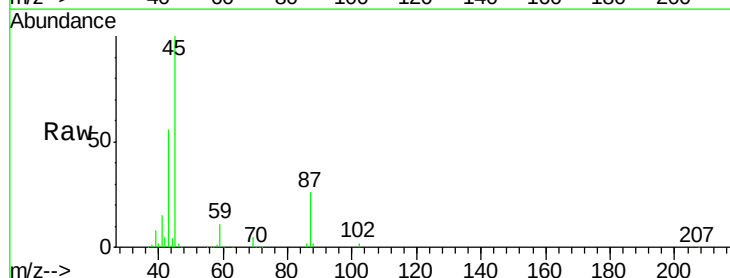
Ion Ratio Lower Upper

45 100

43 55.3 46.5 69.7

87 26.5 22.5 33.7

59 11.0 9.4 14.0



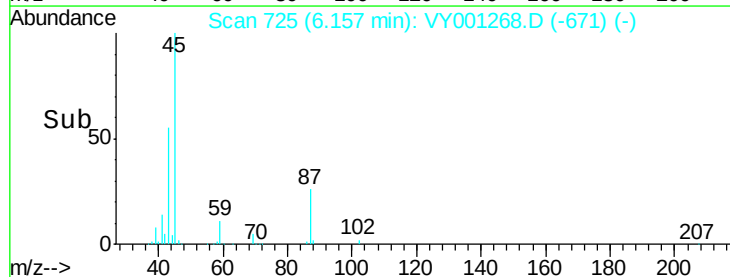
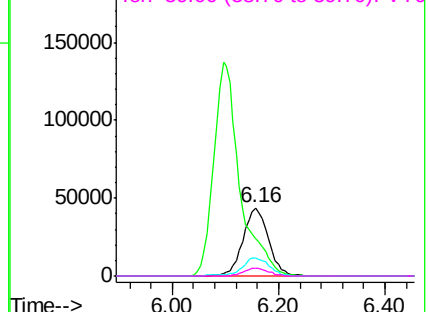
Abundance

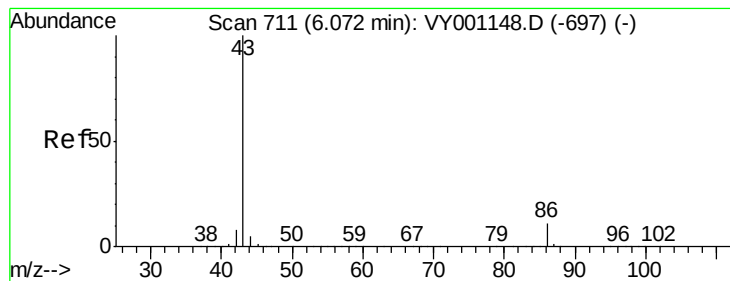
Ion 45.00 (44.70 to 45.70): VY0

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: 107.98 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

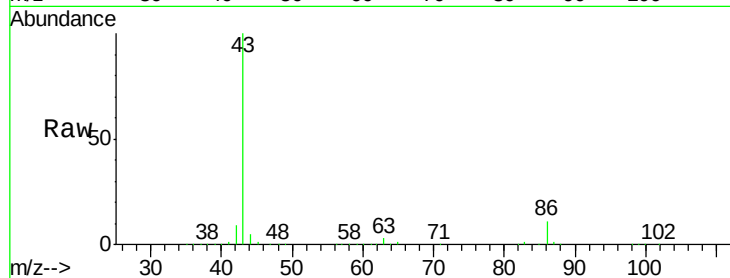
VY0117SBS01

Tgt Ion: 43 Resp: 465933

Ion Ratio Lower Upper

43 100

86 10.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

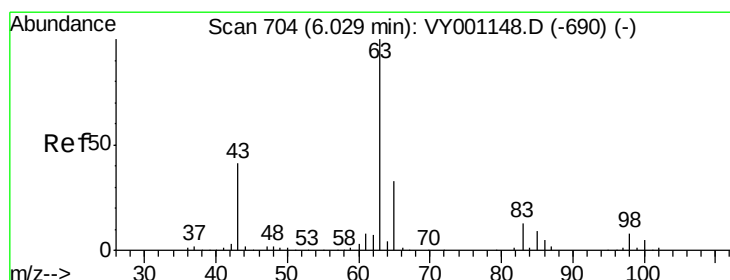
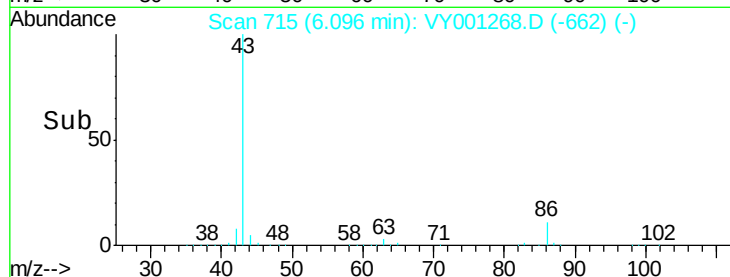
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.14 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

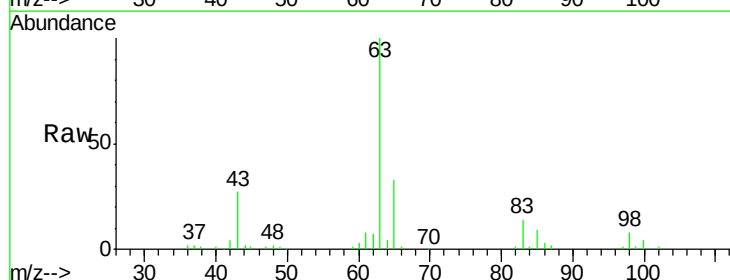
Tgt Ion: 63 Resp: 78104

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.4 2.4 7.2



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

6.05

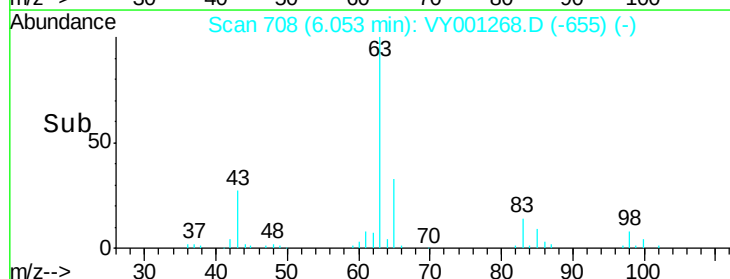
30000

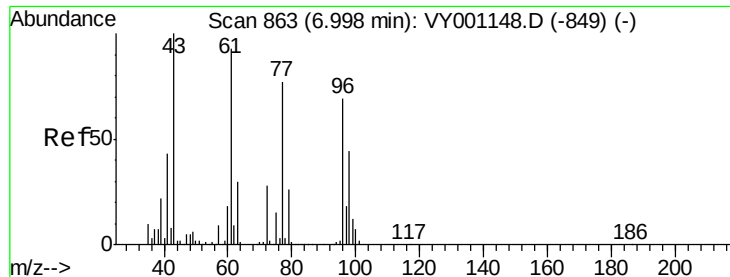
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

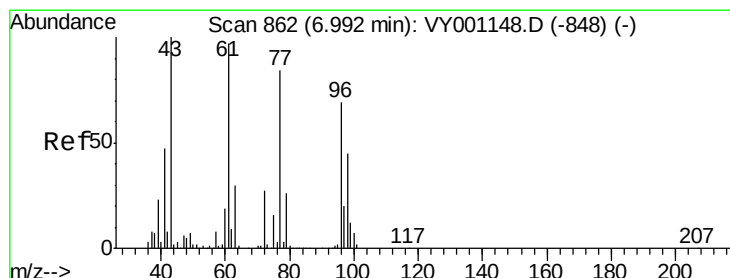
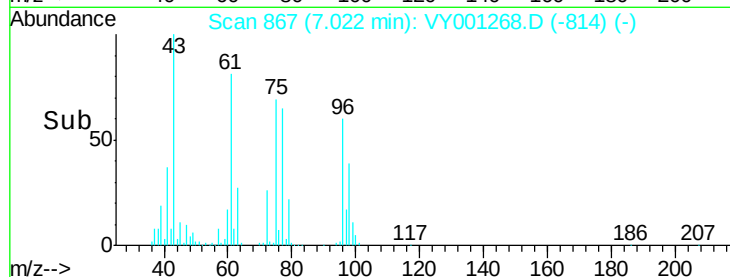
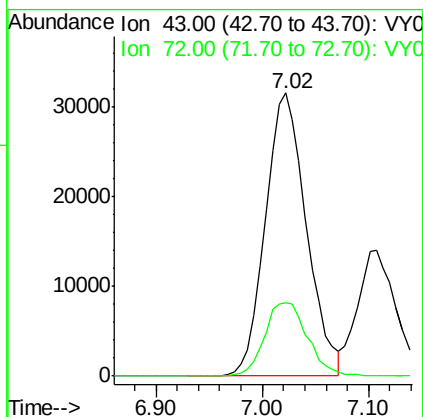
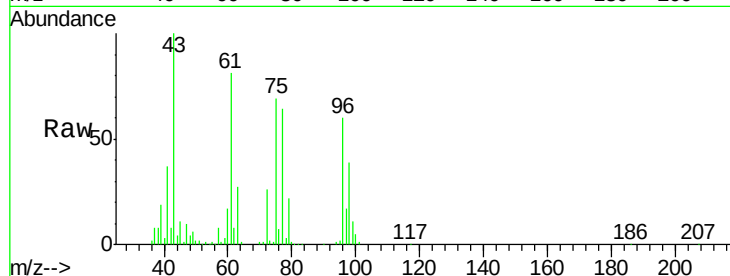




#25
2-Butanone
Concen: 115.45 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

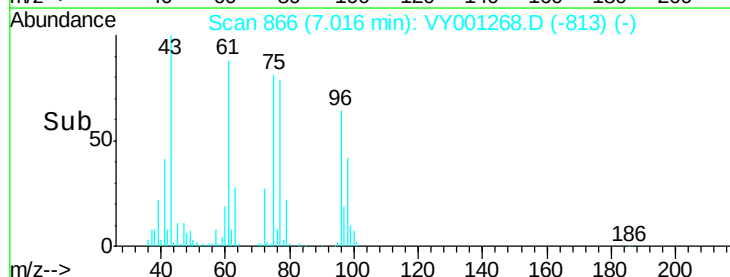
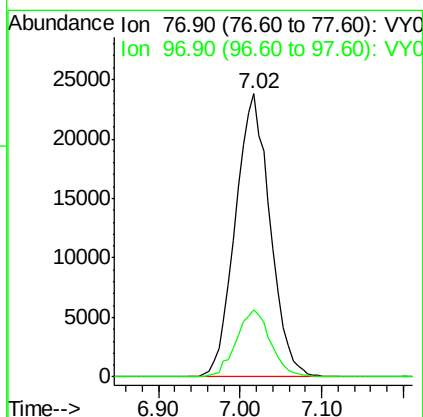
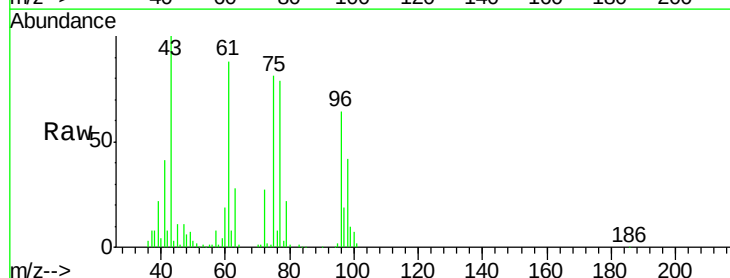
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

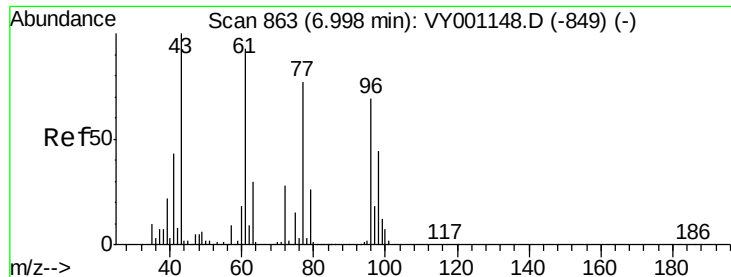
Tgt Ion: 43 Resp: 84384
Ion Ratio Lower Upper
43 100
72 25.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 20.70 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 77 Resp: 70313
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 21.54 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

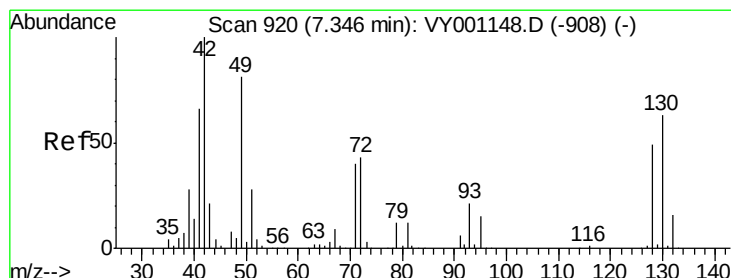
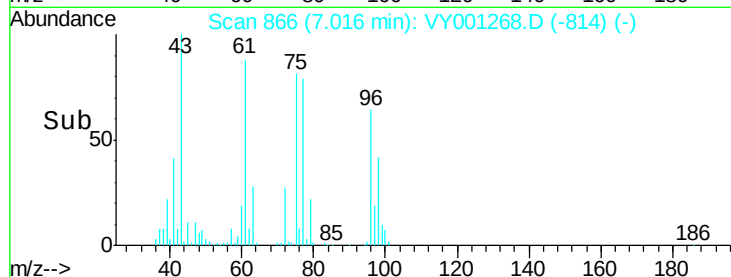
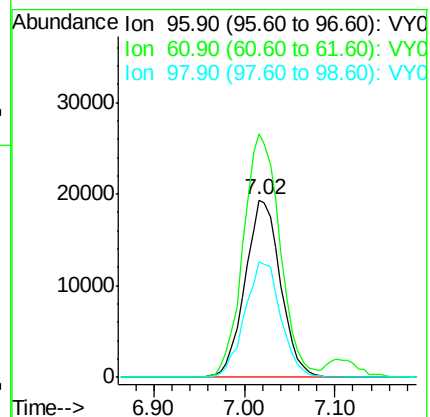
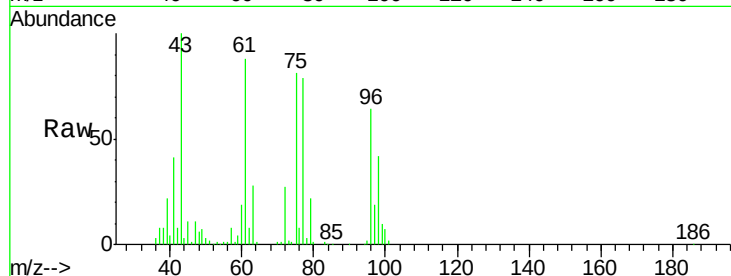
Tgt Ion: 96 Resp: 52379

Ion Ratio Lower Upper

96 100

61 142.5 0.0 284.0

98 65.9 0.0 130.2



#28

Bromochloromethane

Concen: 18.99 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

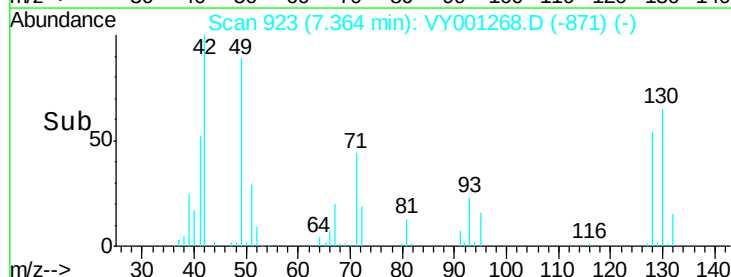
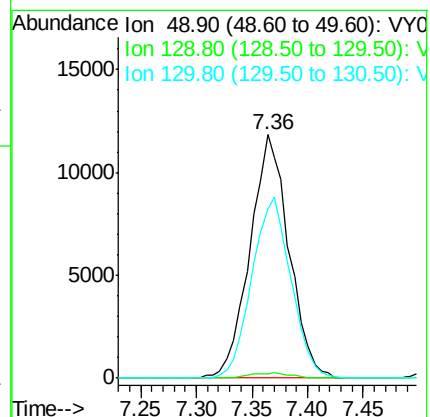
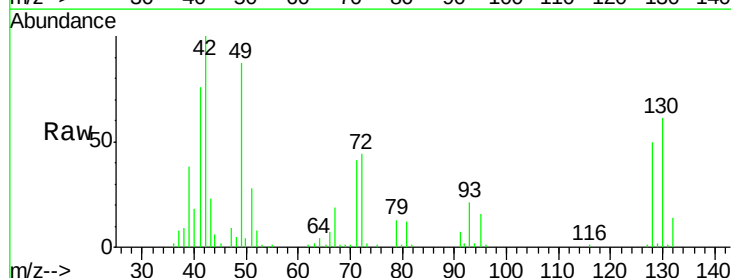
Tgt Ion: 49 Resp: 28806

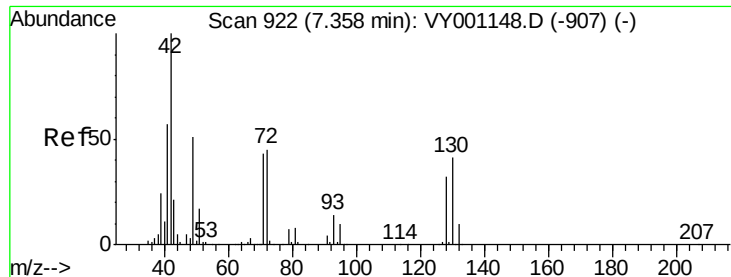
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 74.6 61.2 91.8





#29

Tetrahydrofuran

Concen: 107.91 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

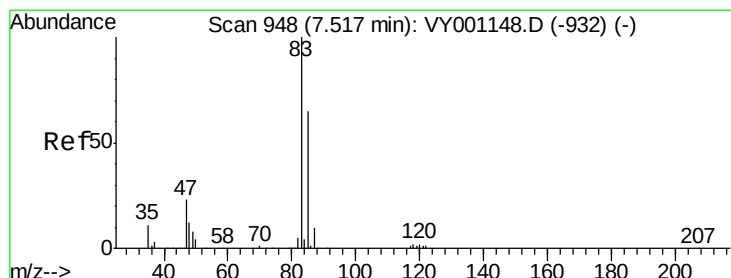
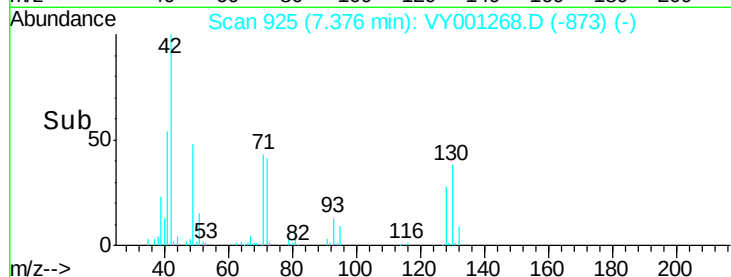
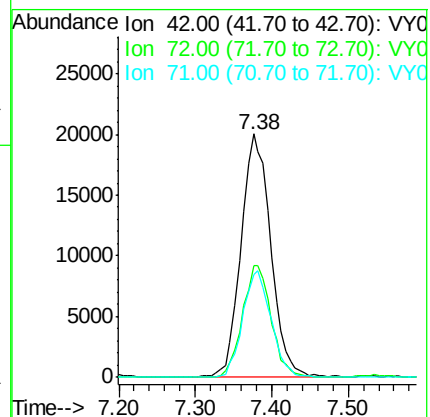
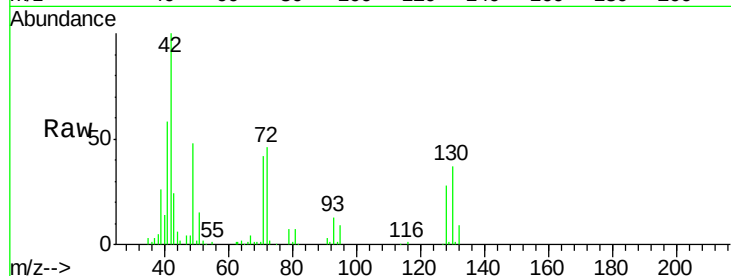
Tgt Ion: 42 Resp: 54052

Ion Ratio Lower Upper

42 100

72 44.5 36.9 55.3

71 41.8 34.0 51.0



#30

Chloroform

Concen: 21.29 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.02 min

Lab File: VY001268.D

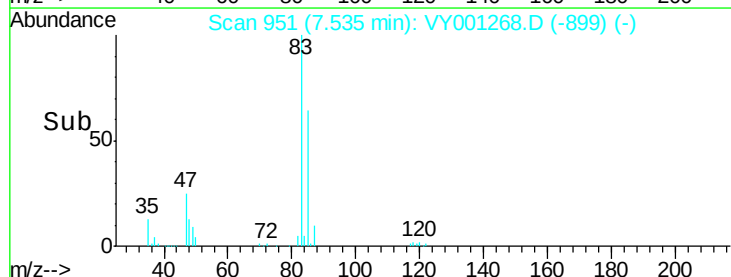
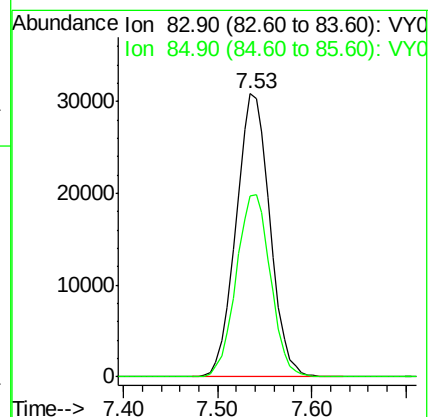
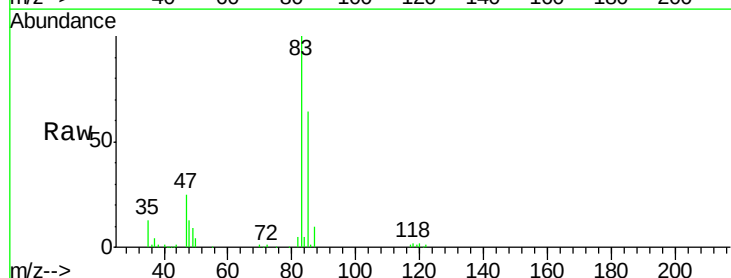
Acq: 17 Jan 2020 16:27

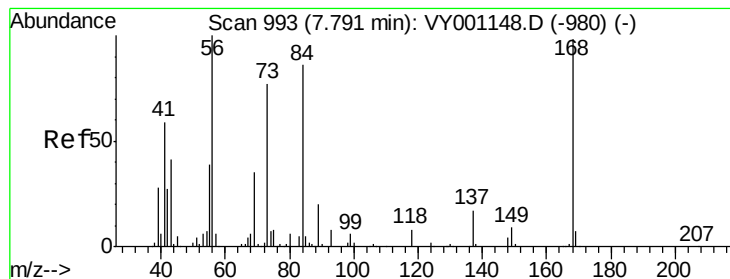
Tgt Ion: 83 Resp: 77066

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9





#31

Cyclohexane

Concen: 18.96 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

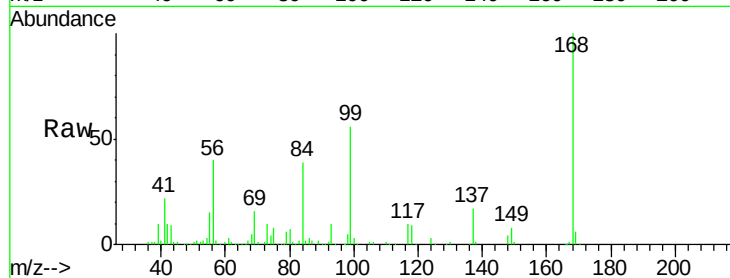
Tgt Ion: 56 Resp: 74159

Ion Ratio Lower Upper

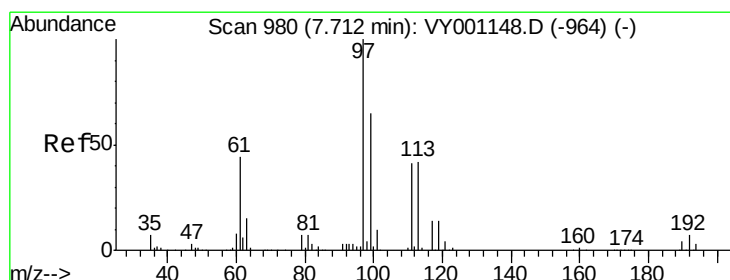
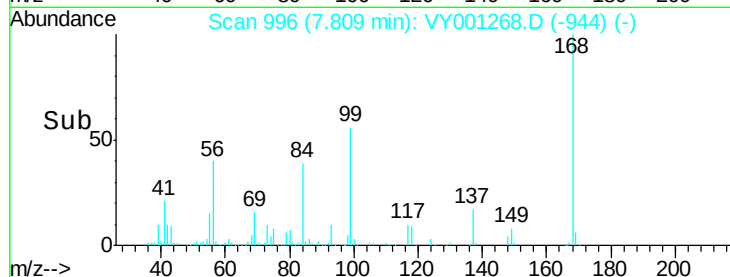
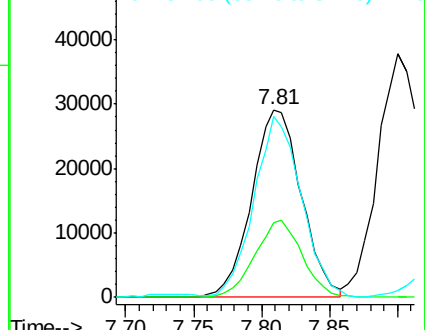
56 100

69 40.0 27.8 41.8

84 95.3 68.9 103.3



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



#32

1,1,1-Trichloroethane

Concen: 20.20 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

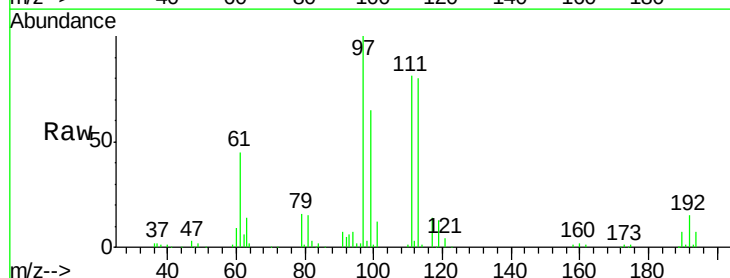
Tgt Ion: 97 Resp: 64867

Ion Ratio Lower Upper

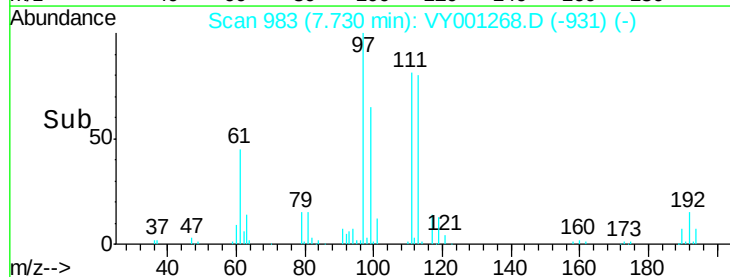
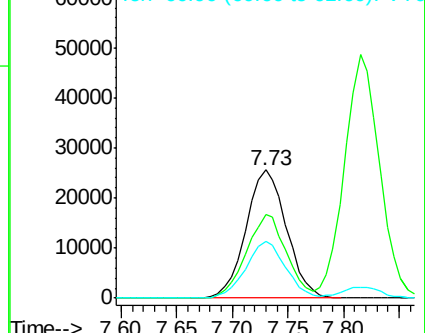
97 100

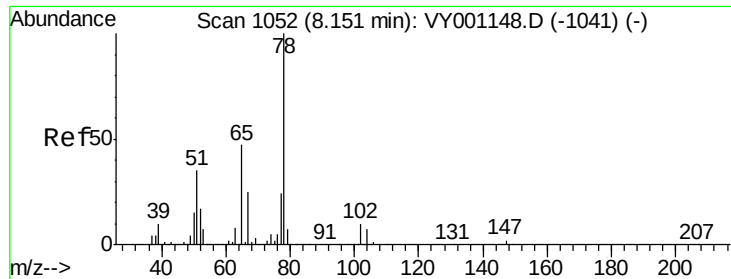
99 64.4 51.3 76.9

61 43.6 34.6 52.0



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

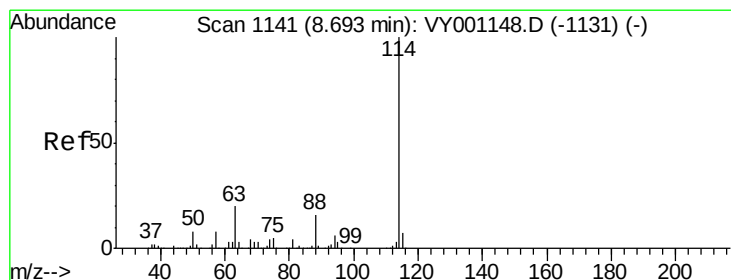
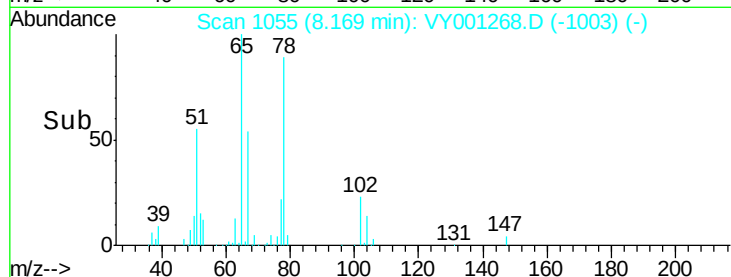
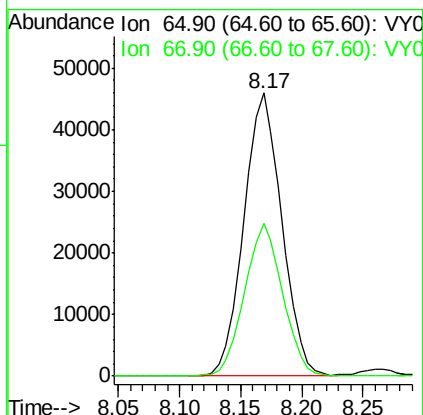
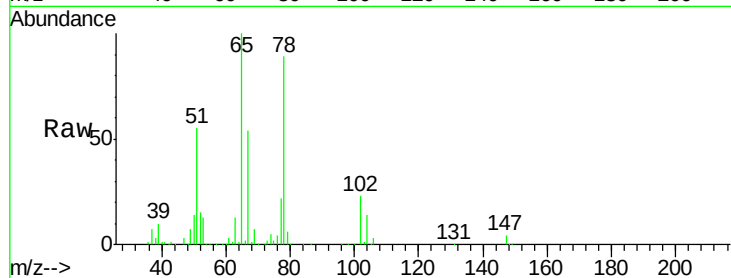




#33
 1,2-Dichloroethane-d4
 Concen: 49.13 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

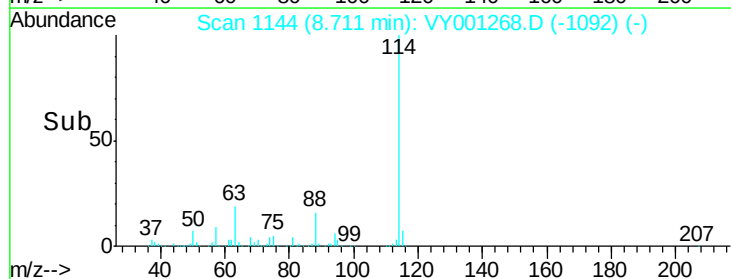
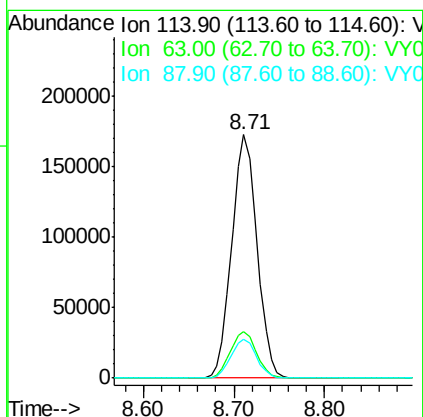
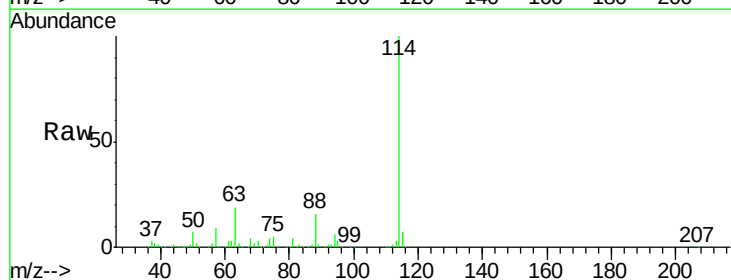
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

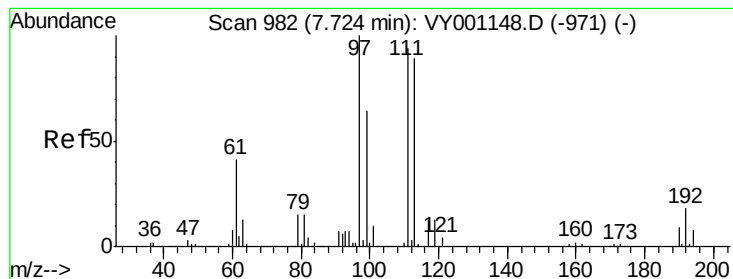
Tgt Ion: 65 Resp: 99343
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion: 114 Resp: 333377
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.40 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

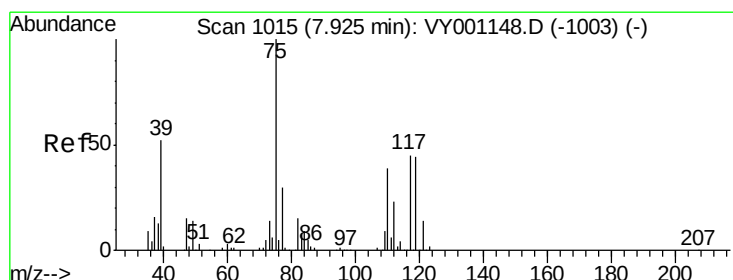
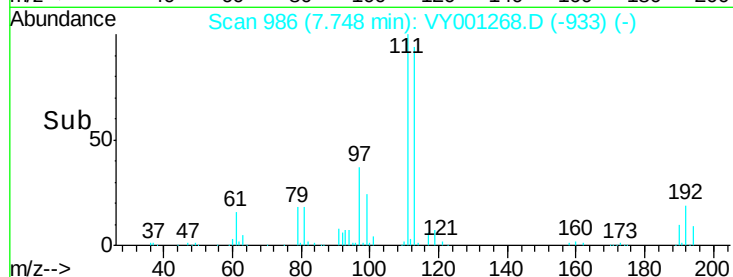
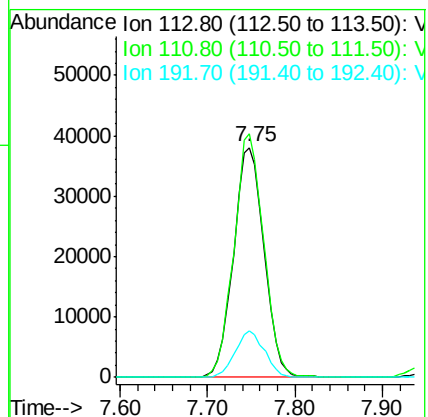
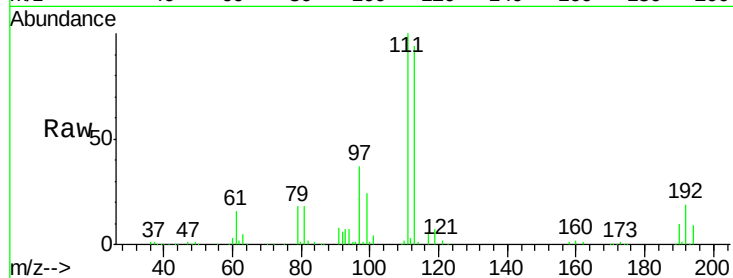
Tgt Ion:113 Resp: 92523

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 19.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 20.20 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

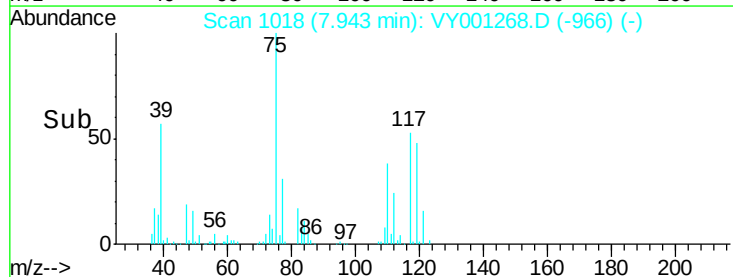
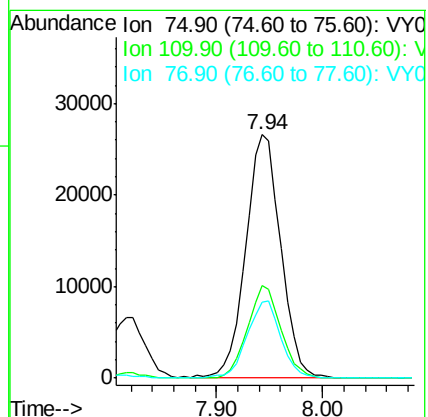
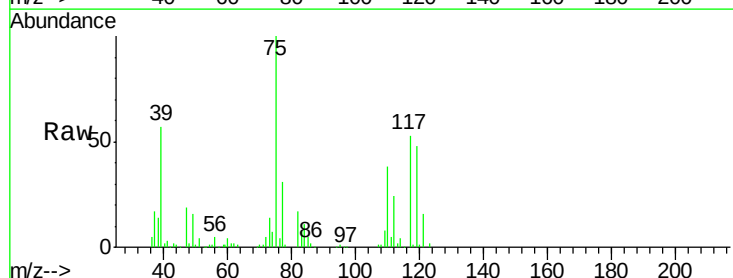
Tgt Ion: 75 Resp: 61390

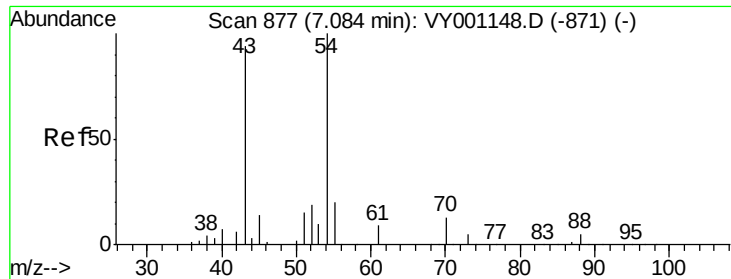
Ion Ratio Lower Upper

75 100

110 36.3 18.3 54.8

77 30.6 25.1 37.7

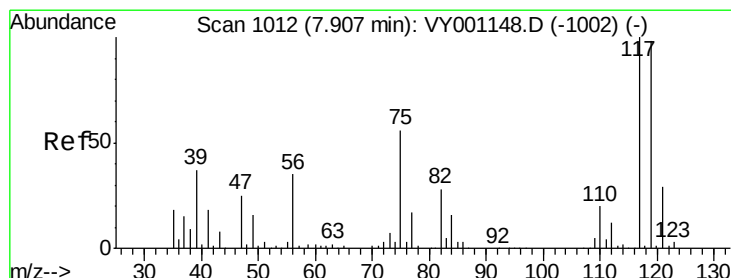
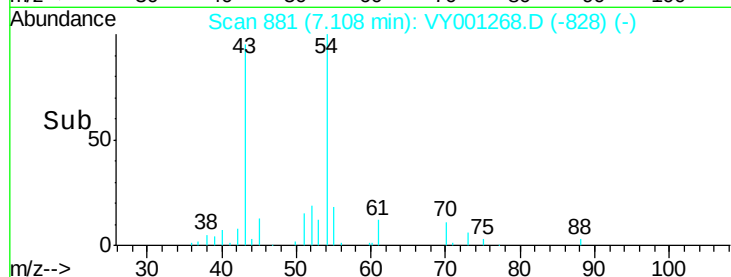
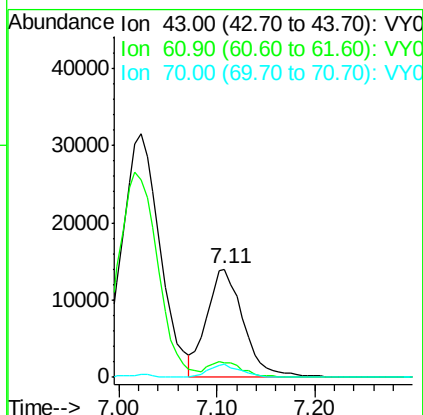
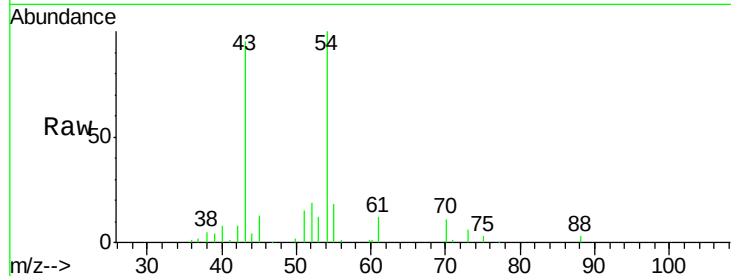




#37
Ethyl Acetate
Concen: 20.40 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

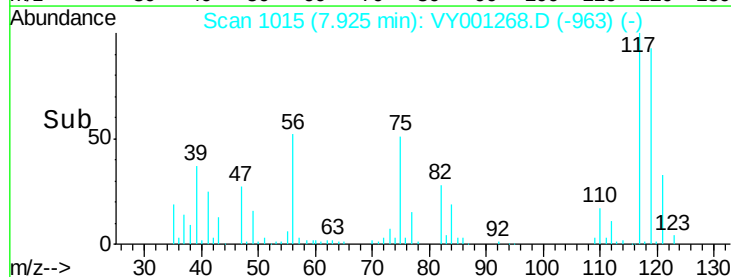
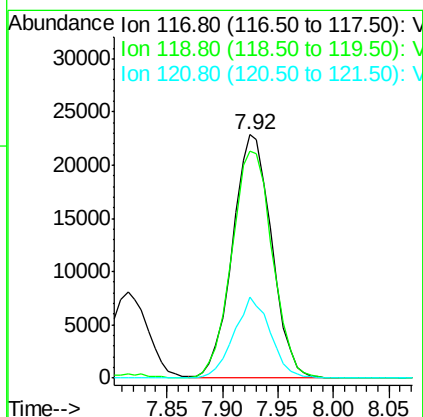
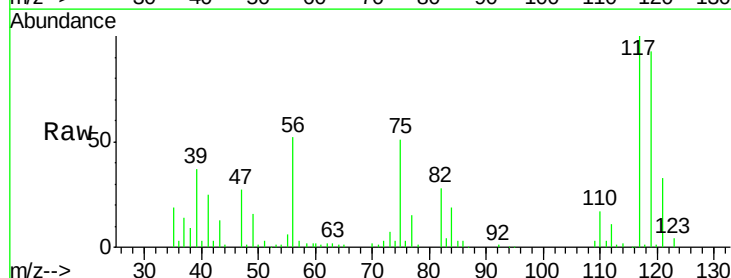
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

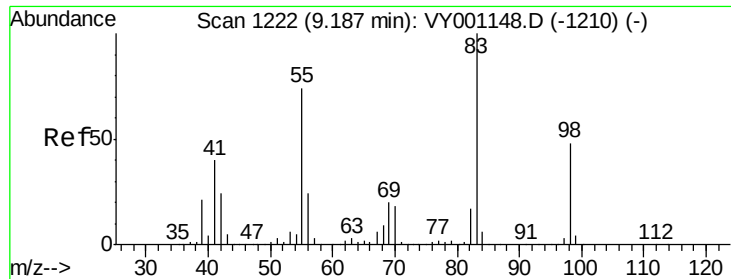
Tgt Ion: 43 Resp: 36375
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 11.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 20.06 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 117 Resp: 55861
Ion Ratio Lower Upper
117 100
119 93.2 78.3 117.5
121 33.0 23.5 35.3

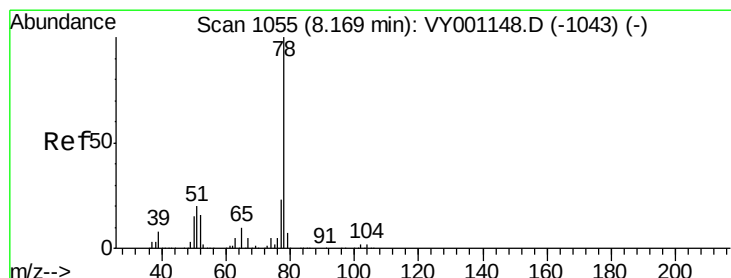
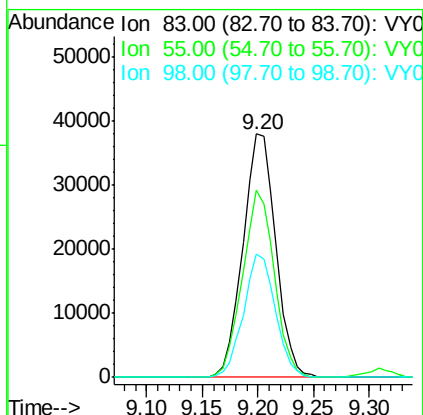
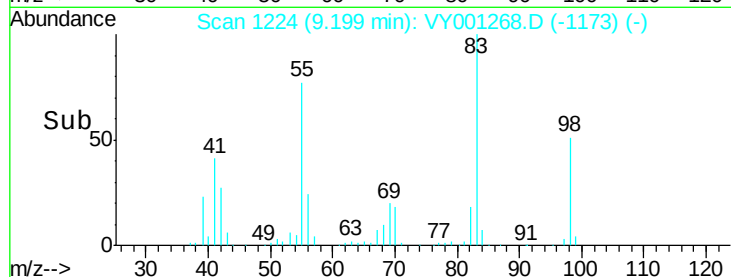
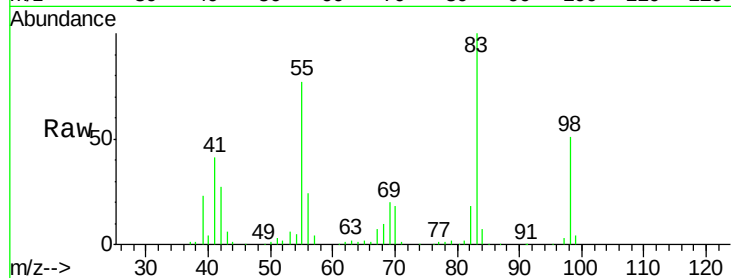




#39
Methylcyclohexane
Concen: 18.94 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

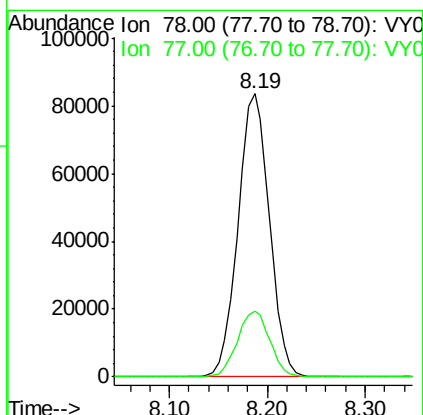
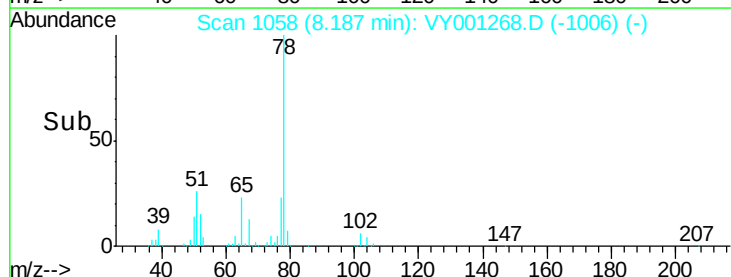
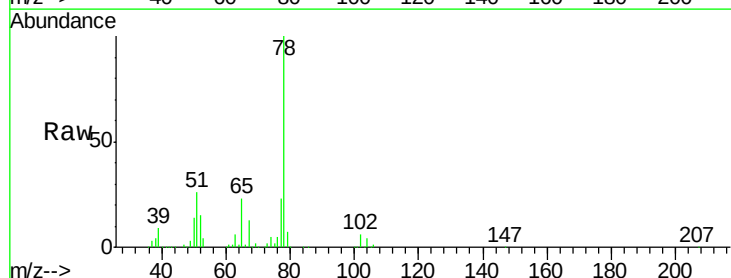
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

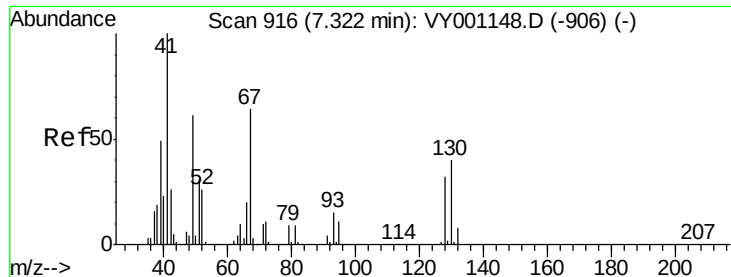
Tgt Ion: 83 Resp: 78024
Ion Ratio Lower Upper
83 100
55 77.2 58.9 88.3
98 50.5 38.4 57.6



#40
Benzene
Concen: 20.99 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 78 Resp: 186208
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

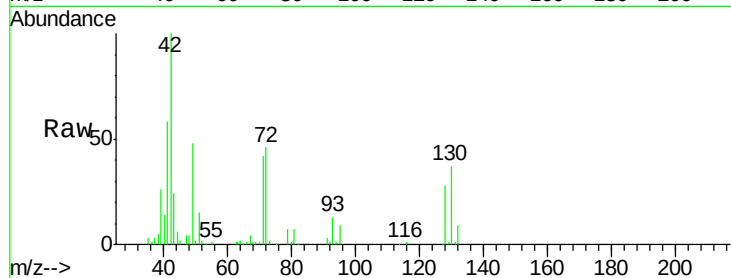




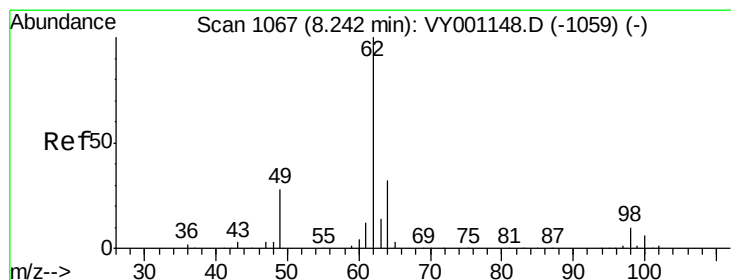
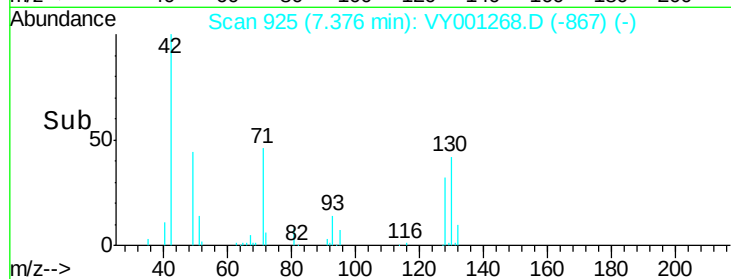
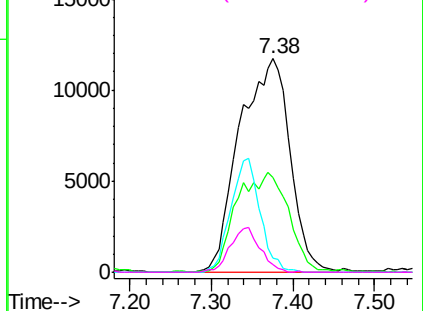
#41
Methacrylonitrile
Concen: 59.89 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.05 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 41 Resp: 50165
Ion Ratio Lower Upper
41 100
39 47.9 103.5 155.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

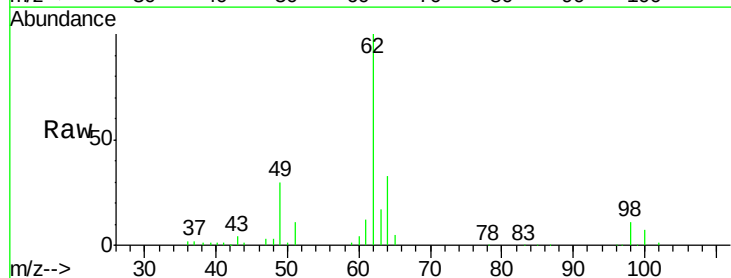


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

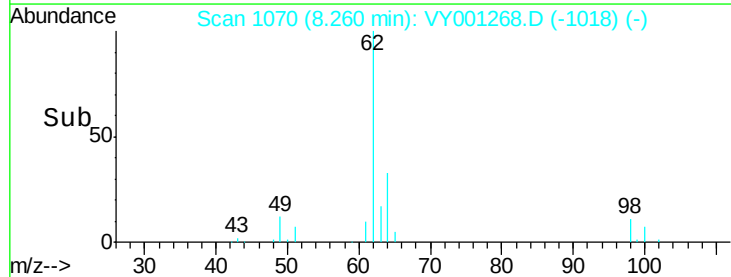
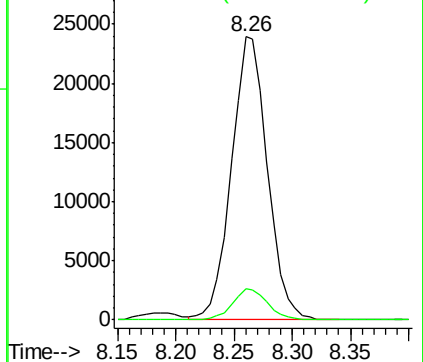


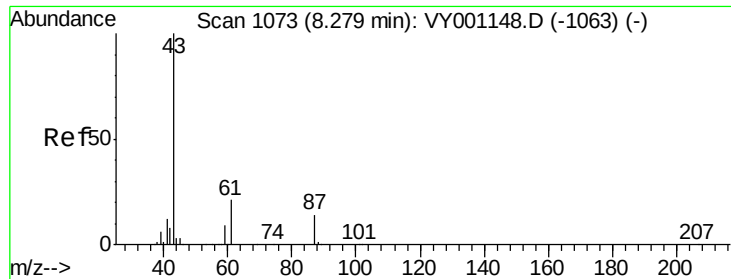
#42
1,2-Dichloroethane
Concen: 20.71 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 62 Resp: 51433
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.4



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

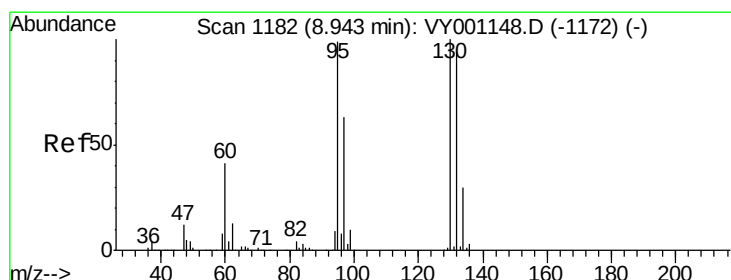
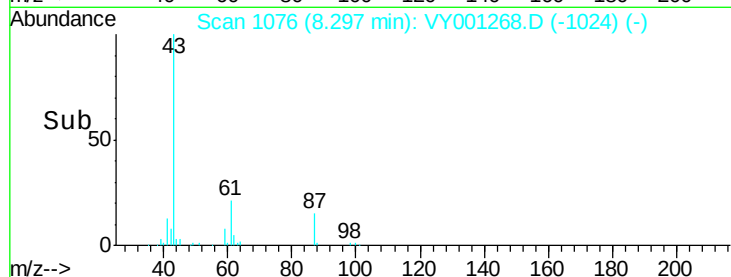
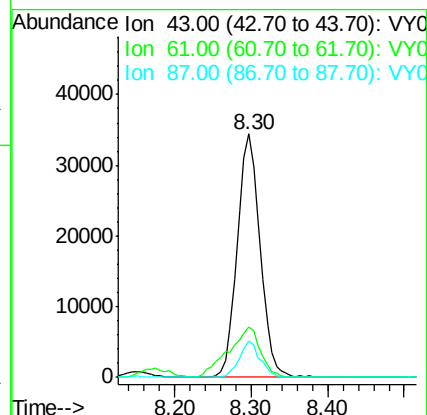
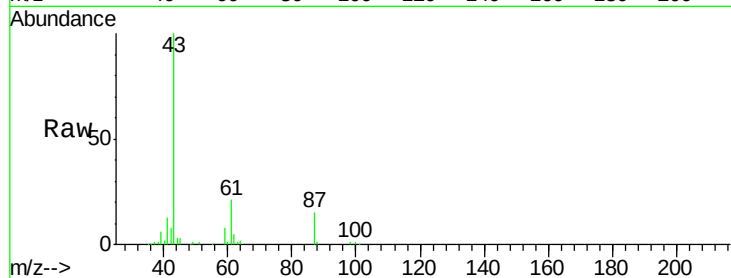




#43
Isopropyl Acetate
Concen: 20.96 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

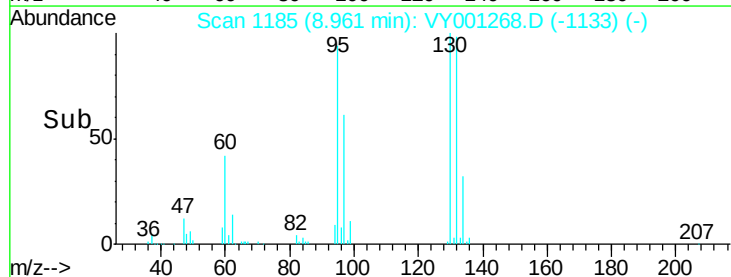
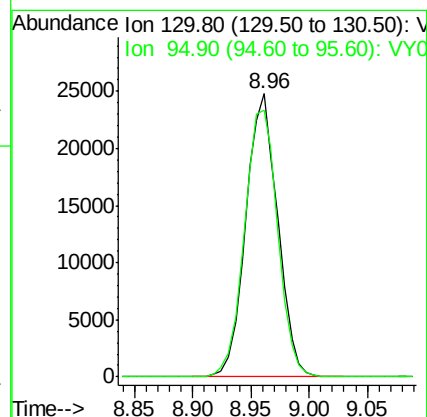
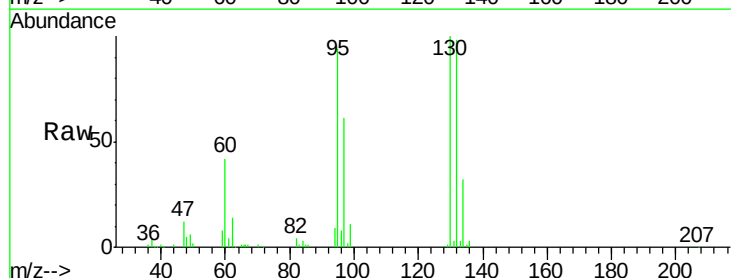
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

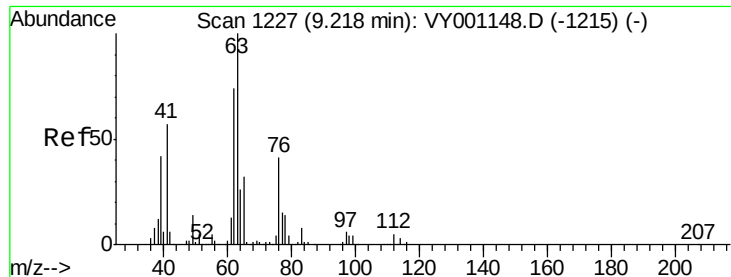
Tgt Ion: 43 Resp: 71486
Ion Ratio Lower Upper
43 100
61 28.7 23.9 35.9
87 13.7 11.4 17.2



#44
Trichloroethene
Concen: 20.49 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 130 Resp: 47363
Ion Ratio Lower Upper
130 100
95 94.1 0.0 197.6





#45

1,2-Dichloropropane

Concen: 21.43 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

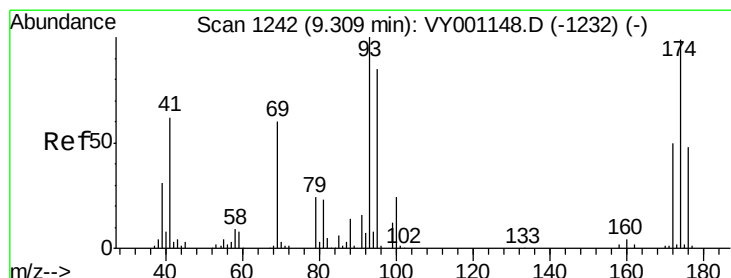
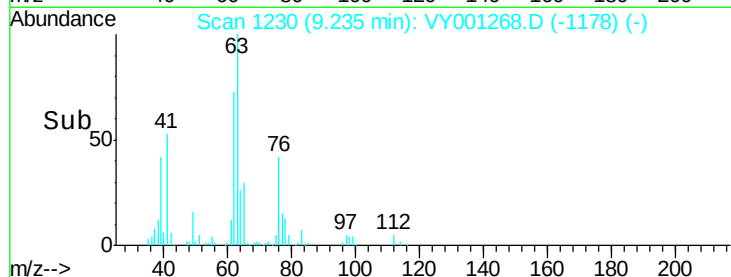
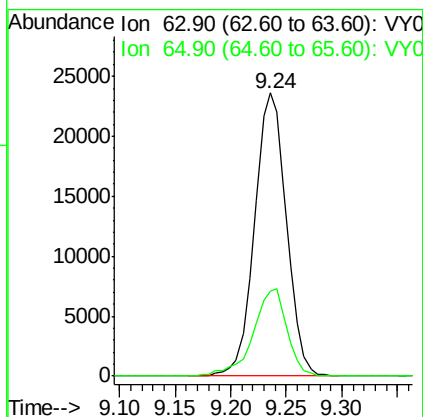
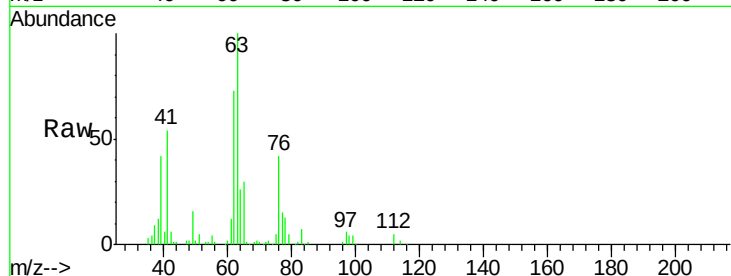
VY0117SBS01

Tgt Ion: 63 Resp: 46991

Ion Ratio Lower Upper

63 100

65 30.2 25.8 38.8



#46

Dibromomethane

Concen: 20.45 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

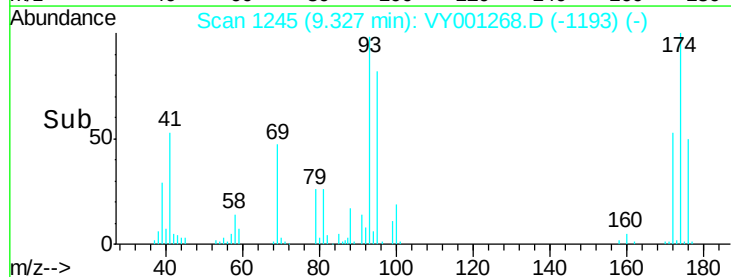
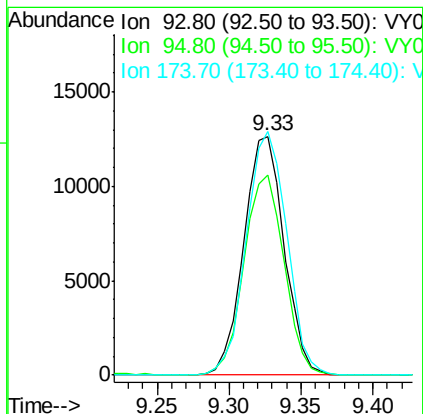
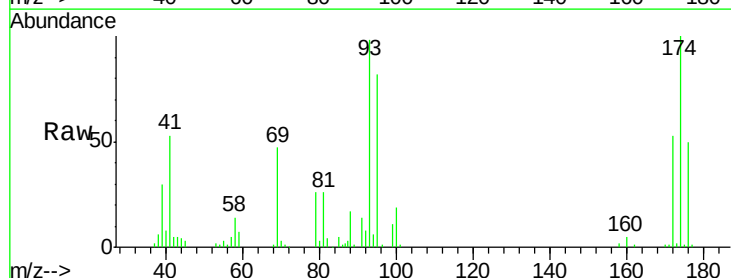
Tgt Ion: 93 Resp: 24461

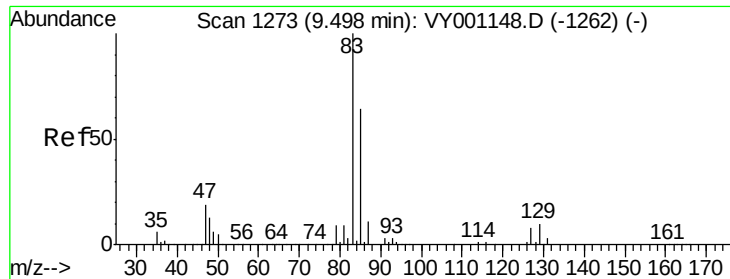
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 102.5 78.4 117.6





#47

Bromodichloromethane

Concen: 20.85 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

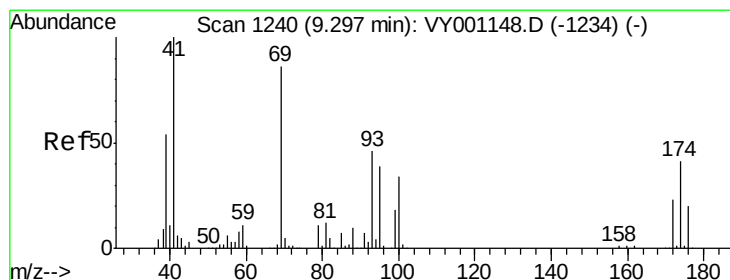
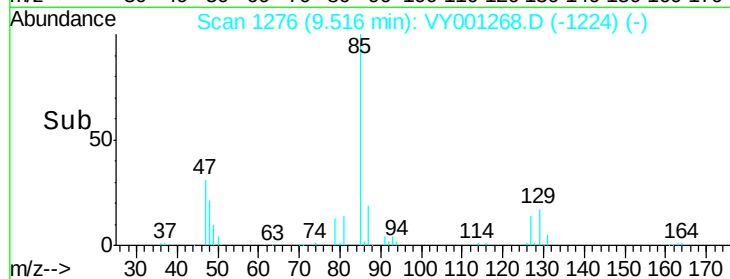
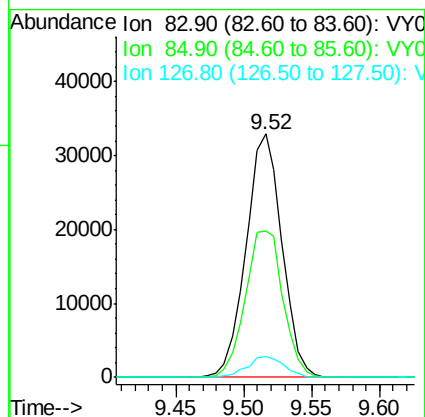
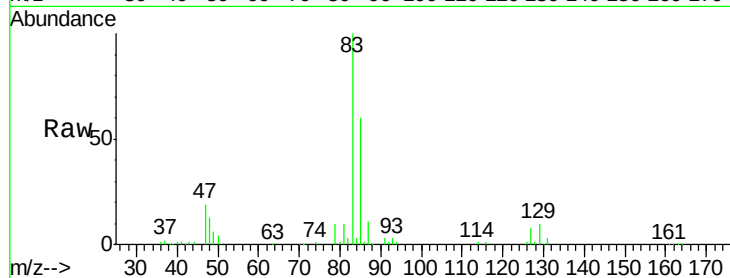
Tgt Ion: 83 Resp: 60799

Ion Ratio Lower Upper

83 100

85 60.3 51.5 77.3

127 8.3 6.3 9.5



#48

Methyl methacrylate

Concen: 20.08 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

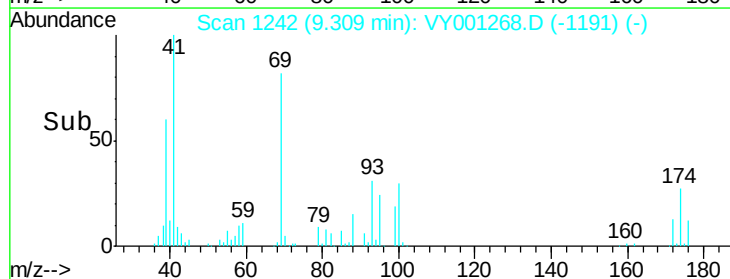
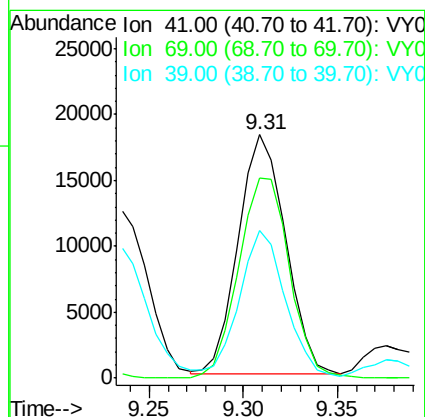
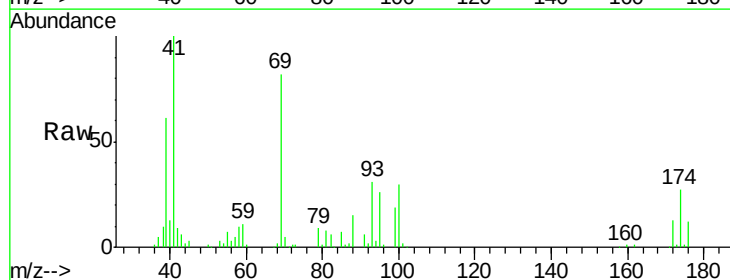
Tgt Ion: 41 Resp: 31679

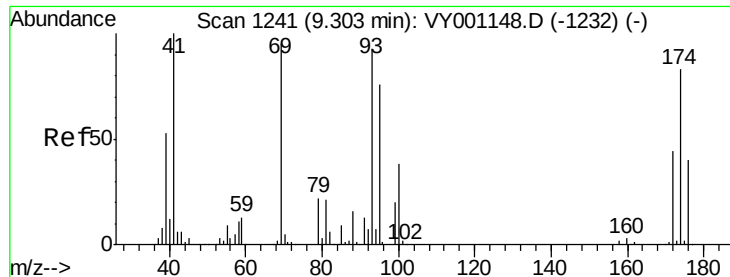
Ion Ratio Lower Upper

41 100

69 89.7 69.8 104.8

39 60.6 45.2 67.8





#49

1,4-Dioxane

Concen: 460.39 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

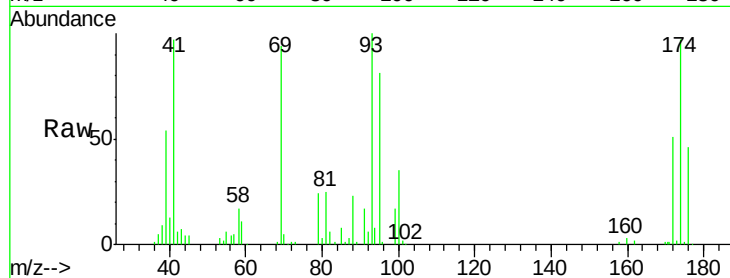
Tgt Ion: 88 Resp: 6708

Ion Ratio Lower Upper

88 100

43 35.1 22.4 33.6#

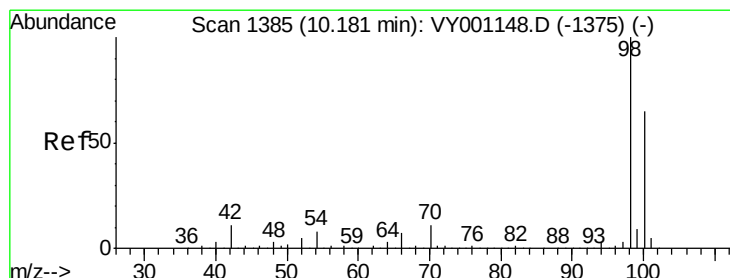
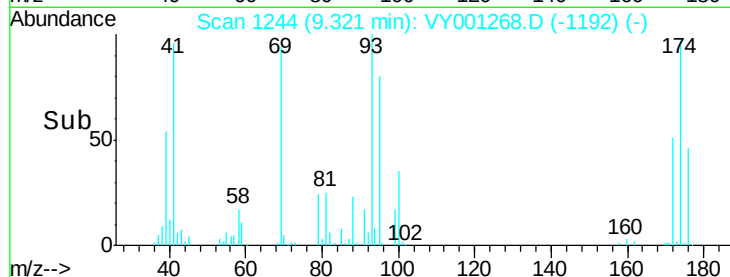
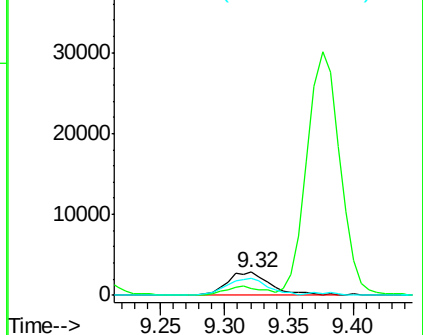
58 70.7 58.0 87.0



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: 49.76 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001268.D

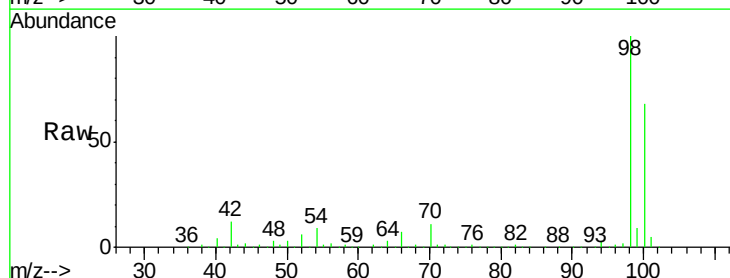
Acq: 17 Jan 2020 16:27

Tgt Ion: 98 Resp: 374236

Ion Ratio Lower Upper

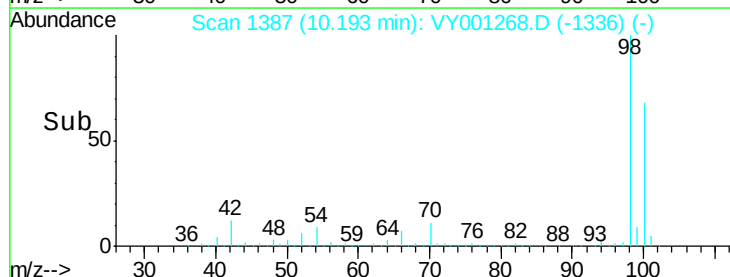
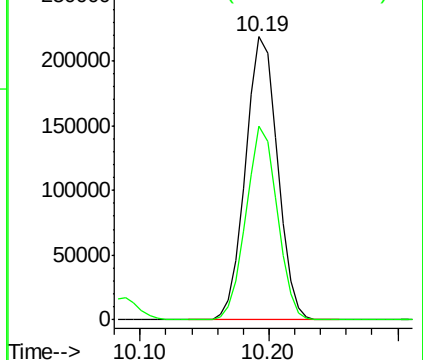
98 100

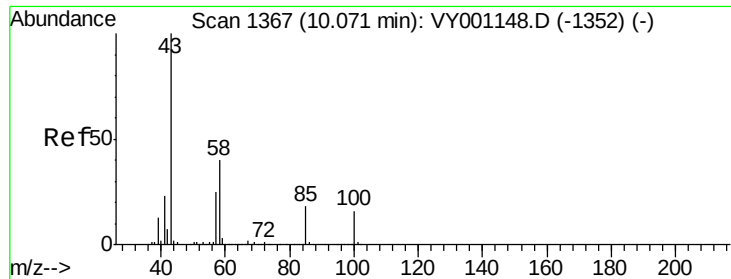
100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

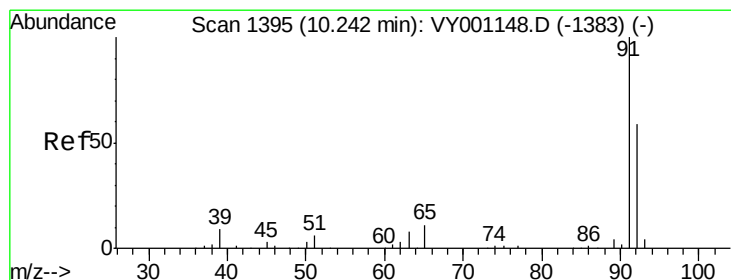
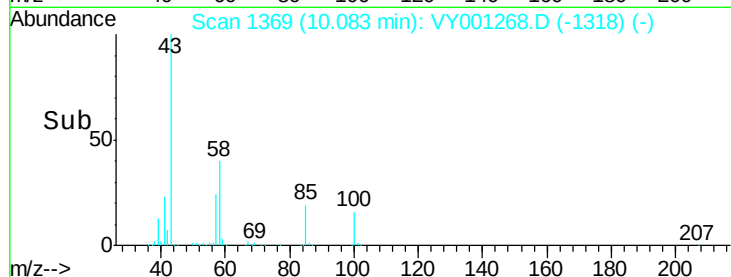
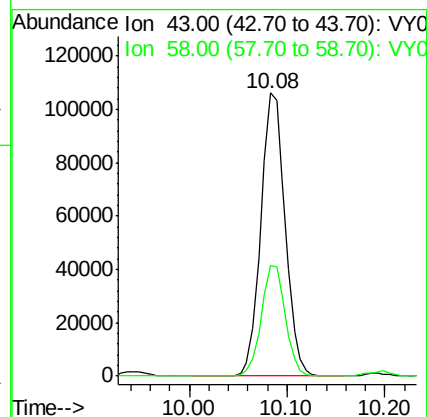
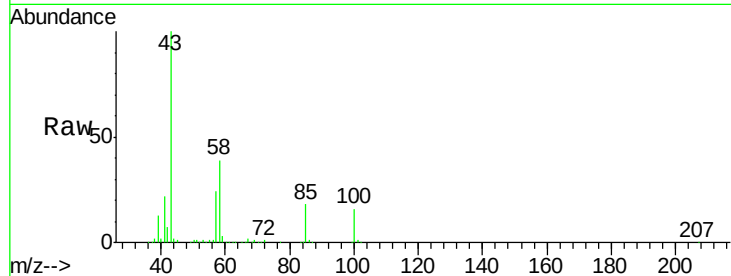




#51
 4-Methyl-2-Pentanone
 Concen: 105.72 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

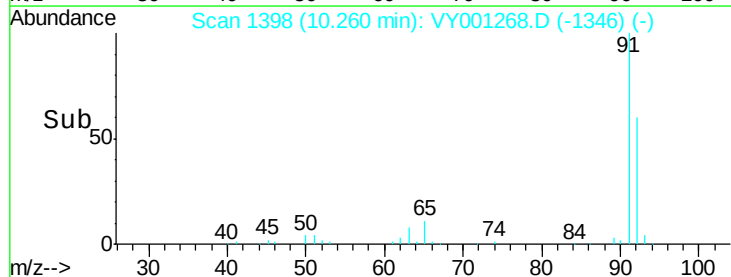
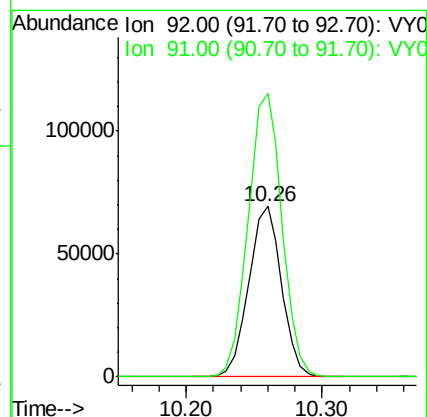
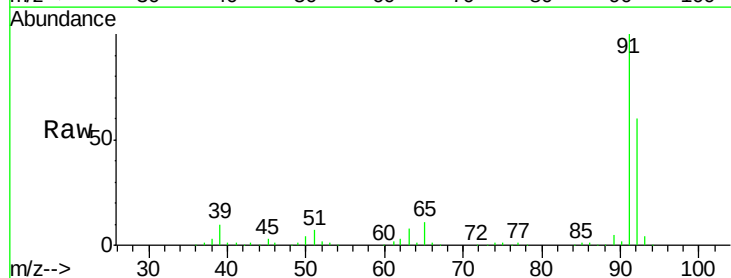
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

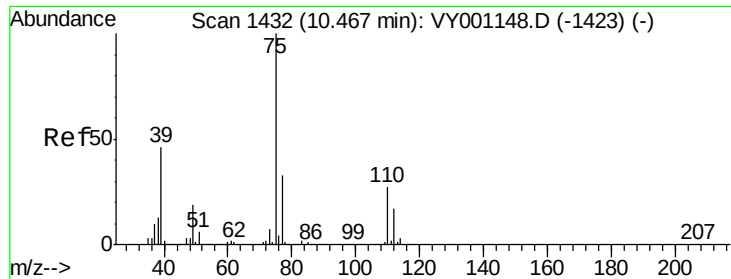
Tgt Ion: 43 Resp: 182916
 Ion Ratio Lower Upper
 43 100
 58 38.8 32.3 48.5



#52
 Toluene
 Concen: 20.72 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion: 92 Resp: 117187
 Ion Ratio Lower Upper
 92 100
 91 171.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.20 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

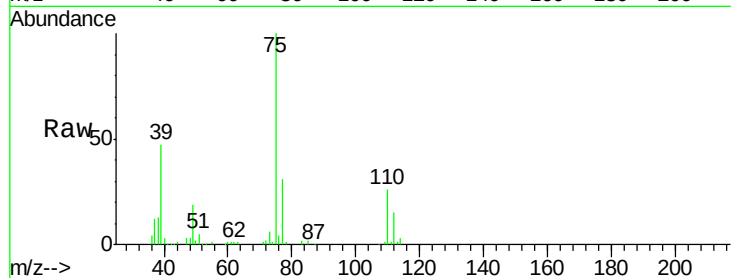
VY0117SBS01

Tgt Ion: 75 Resp: 65908

Ion Ratio Lower Upper

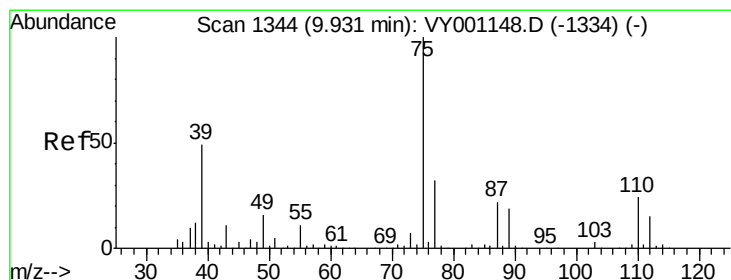
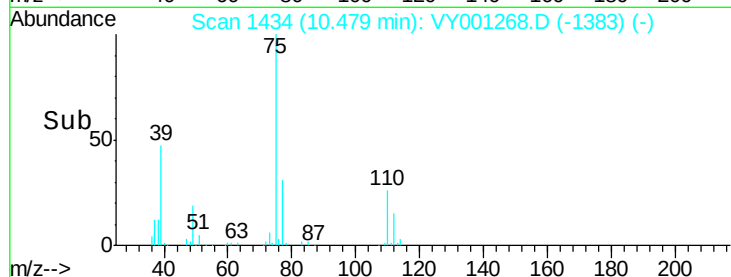
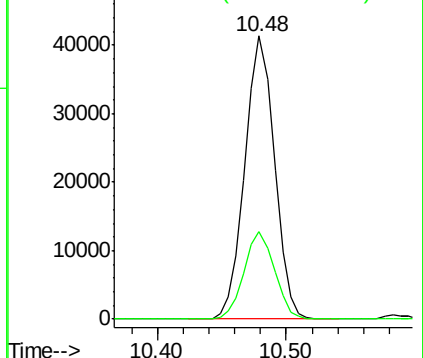
75 100

77 31.0 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.50 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

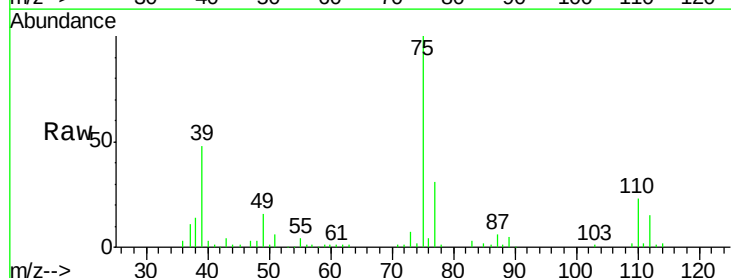
Tgt Ion: 75 Resp: 75416

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

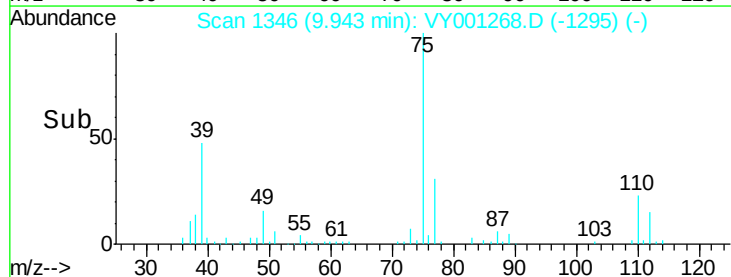
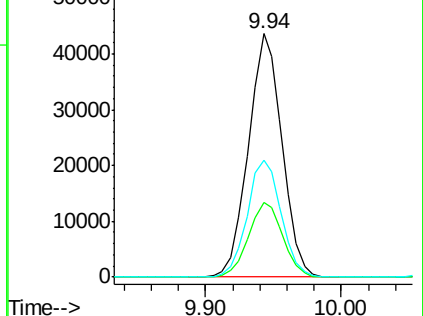
39 47.9 39.1 58.7

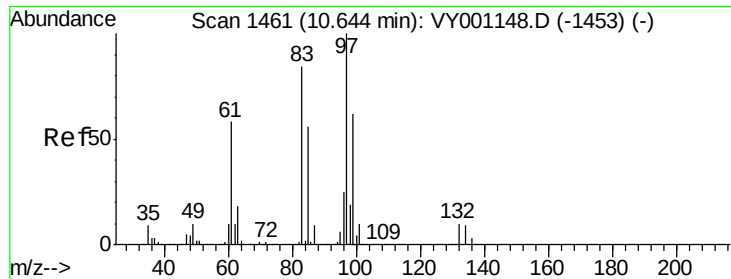


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 20.73 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion: 97 Resp: 36761

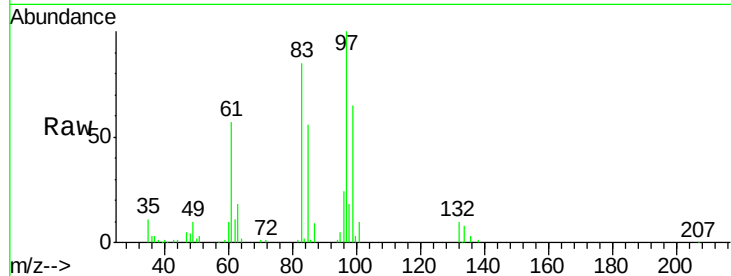
Ion Ratio Lower Upper

97 100

83 85.8 67.2 100.8

85 55.9 44.9 67.3

99 65.0 49.9 74.9



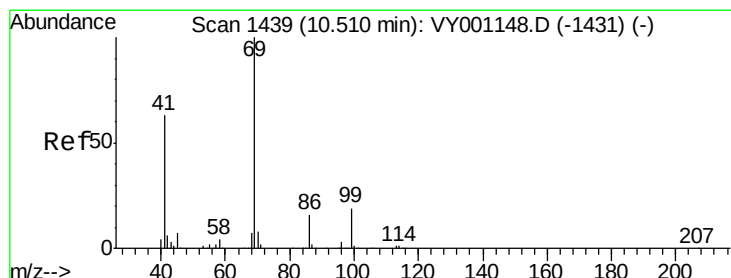
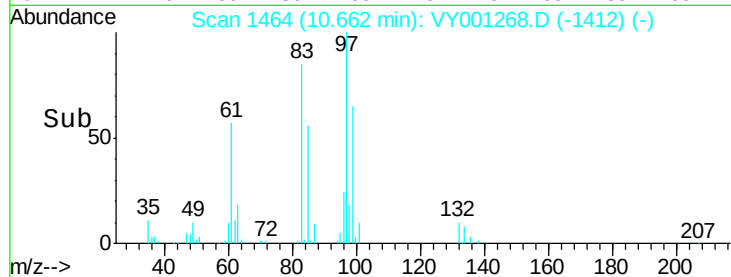
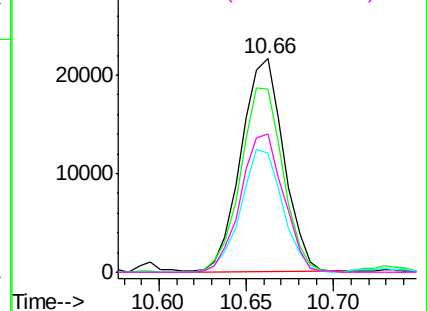
Abundance

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: 20.45 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

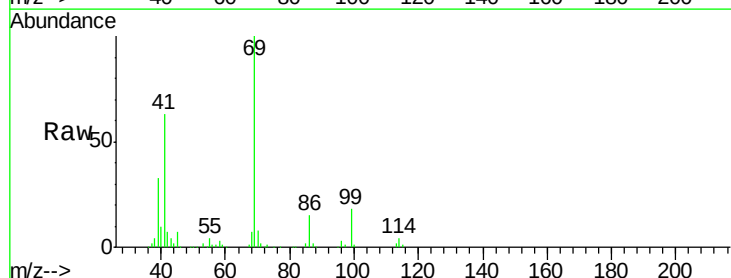
Tgt Ion: 69 Resp: 55479

Ion Ratio Lower Upper

69 100

41 64.9 51.4 77.2

39 32.2 26.3 39.5

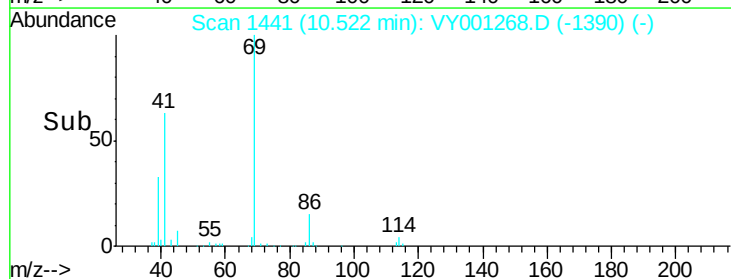
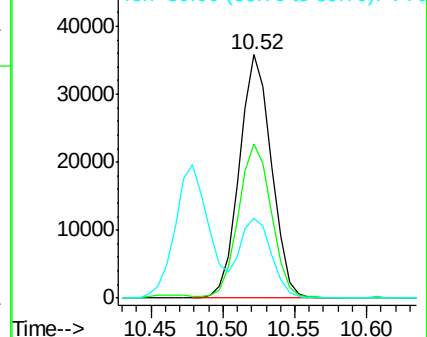


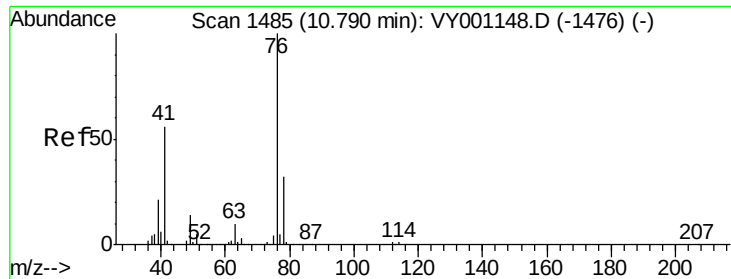
Abundance

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

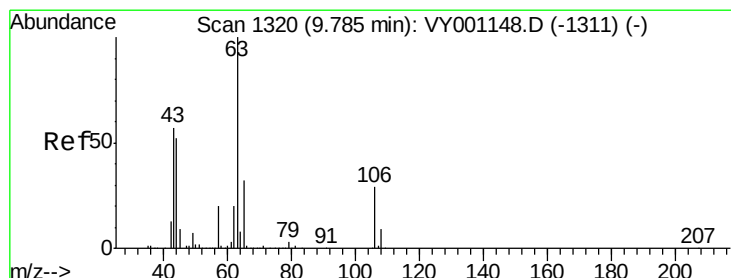
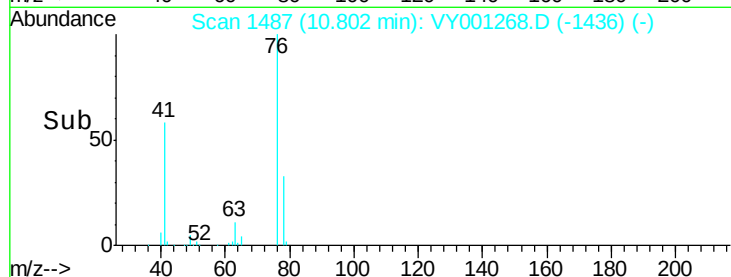
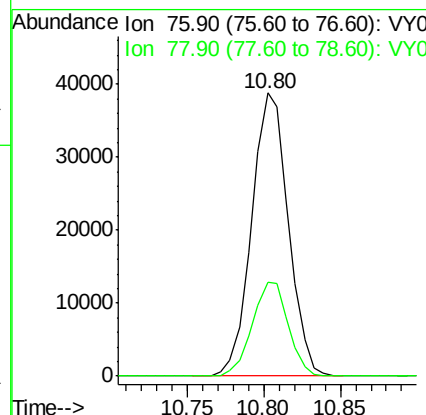
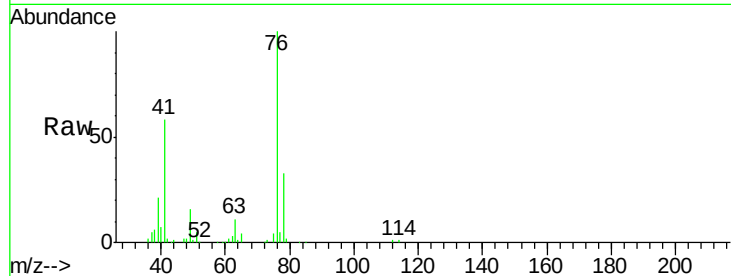




#57
 1,3-Dichloropropane
 Concen: 21.18 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

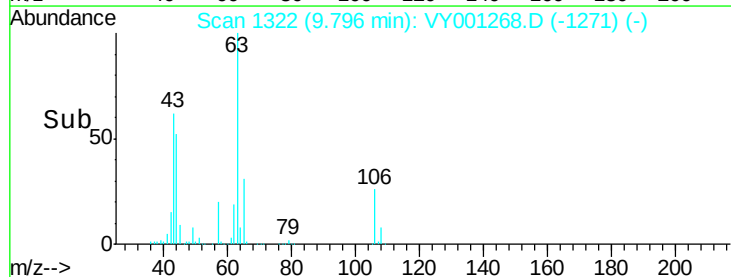
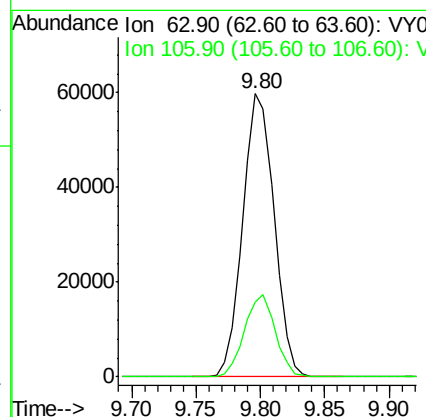
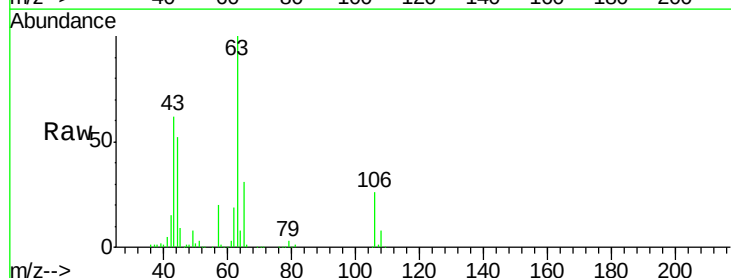
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

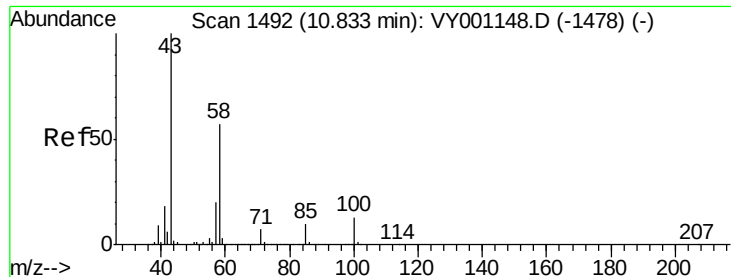
Tgt Ion: 76 Resp: 64497
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.71 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion: 63 Resp: 100869
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.0 34.6

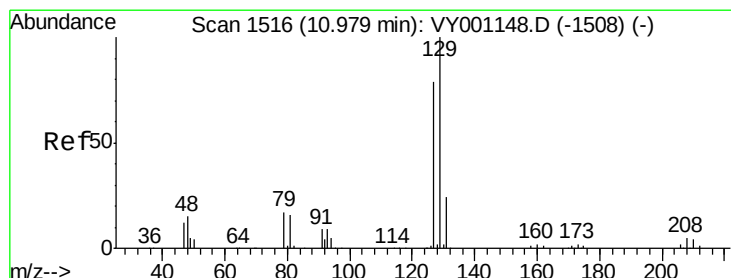
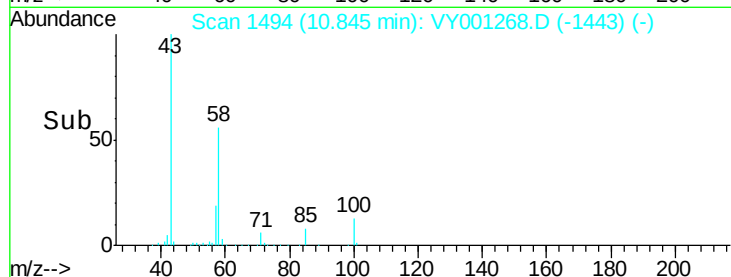
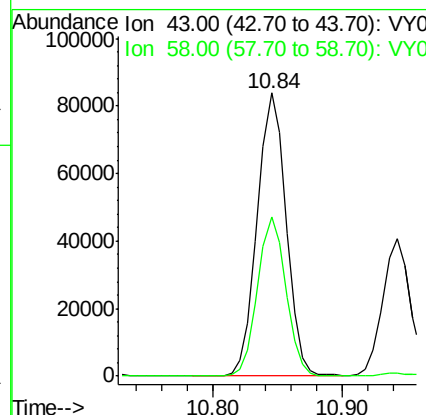
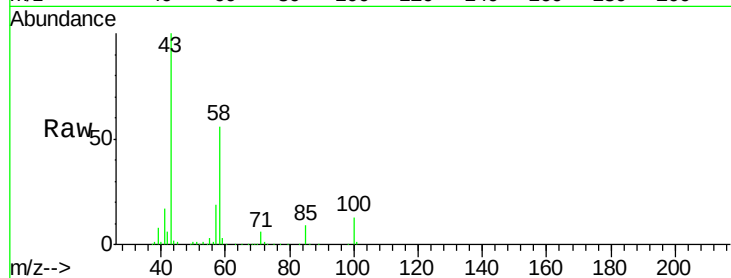




#59
2-Hexanone
Concen: 107.41 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

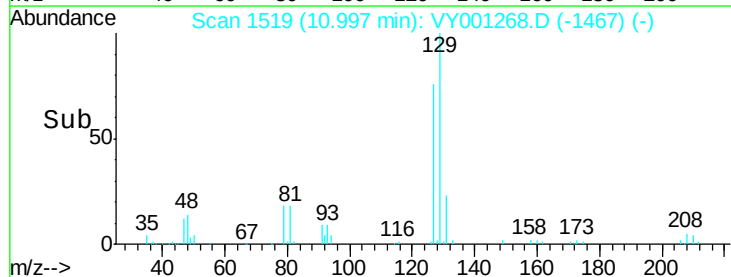
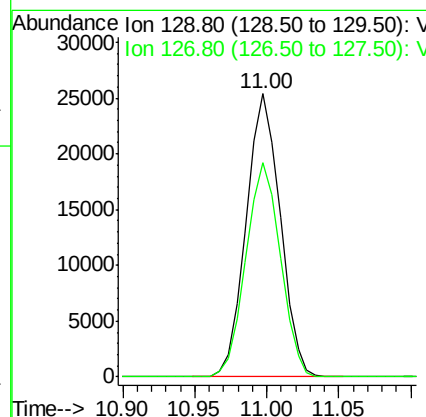
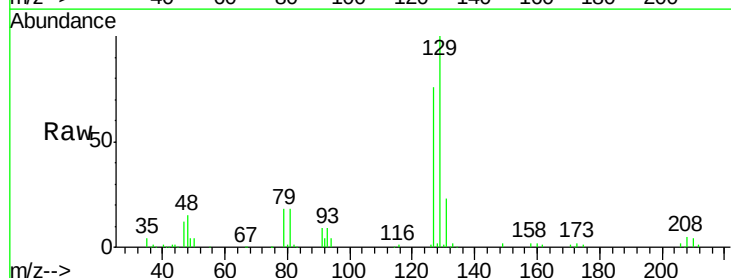
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

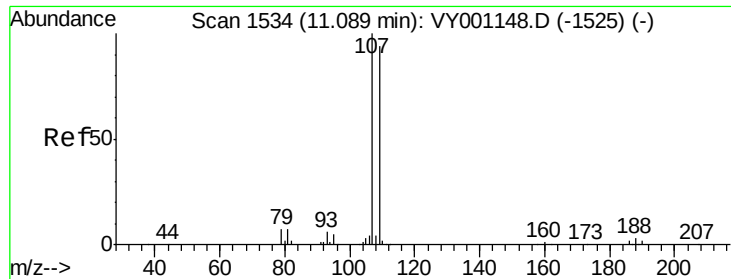
Tgt Ion: 43 Resp: 130239
Ion Ratio Lower Upper
43 100
58 55.0 28.4 85.2



#60
Dibromochloromethane
Concen: 20.37 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 129 Resp: 41594
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7

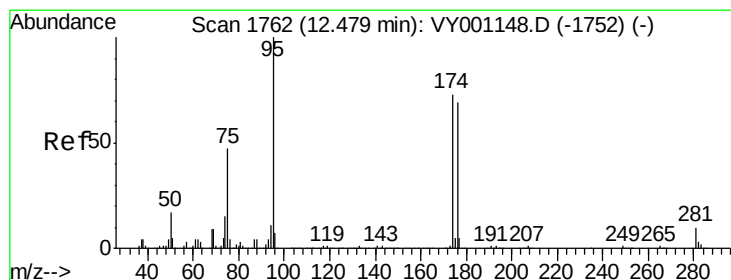
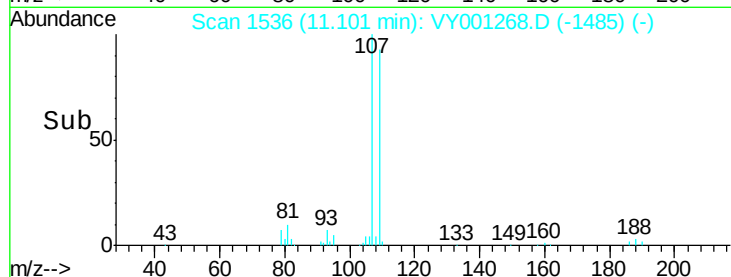
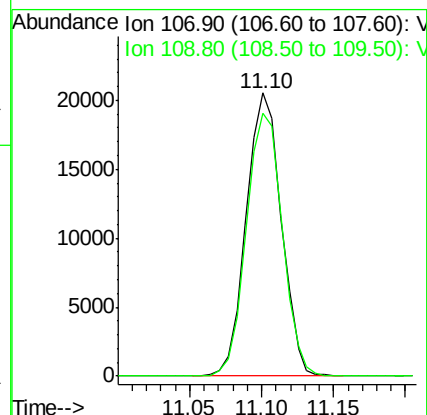
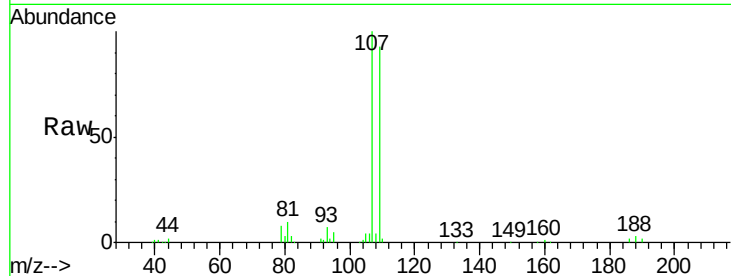




#61
 1,2-Dibromoethane
 Concen: 19.95 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

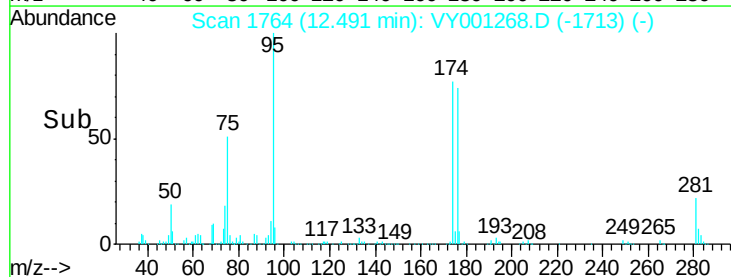
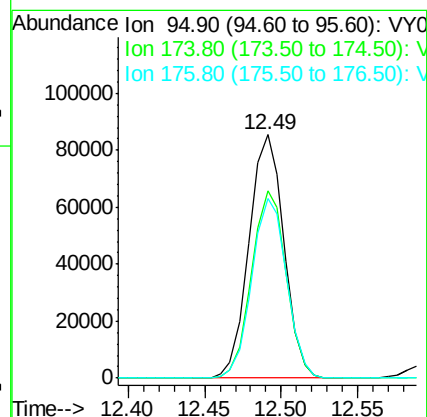
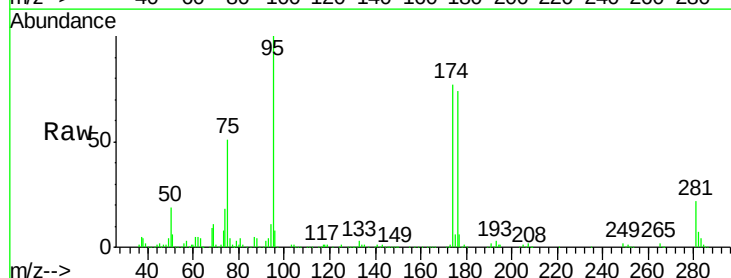
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

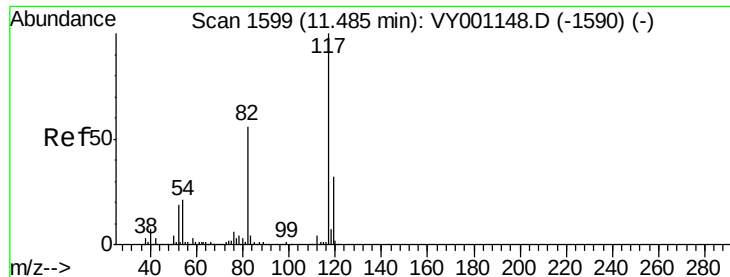
Tgt Ion: 107 Resp: 34546
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 44.02 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion: 95 Resp: 135340
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 143.2
 176 73.9 0.0 136.0

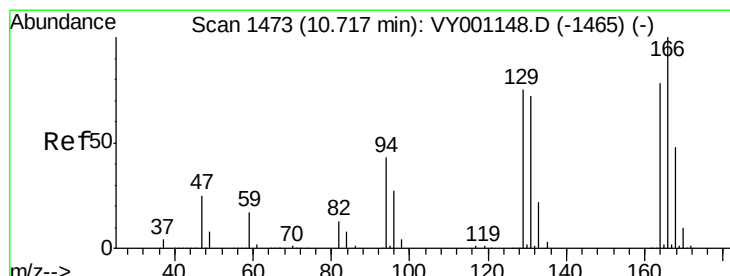
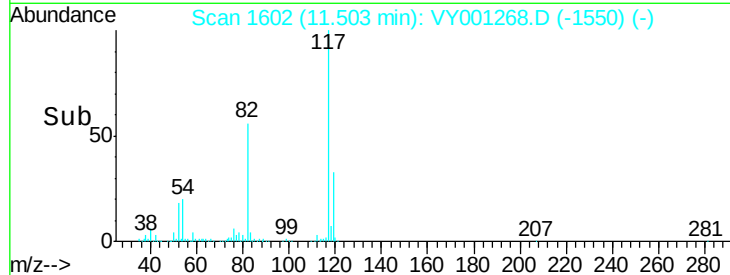
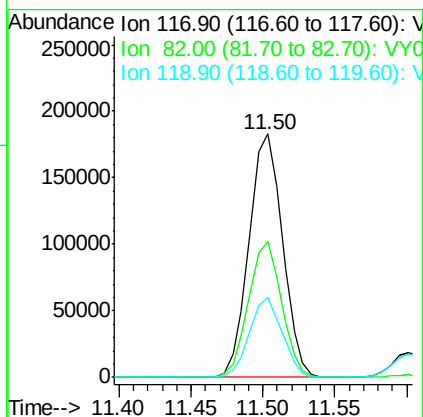
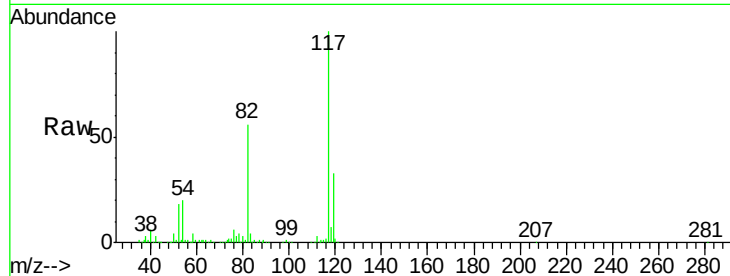




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

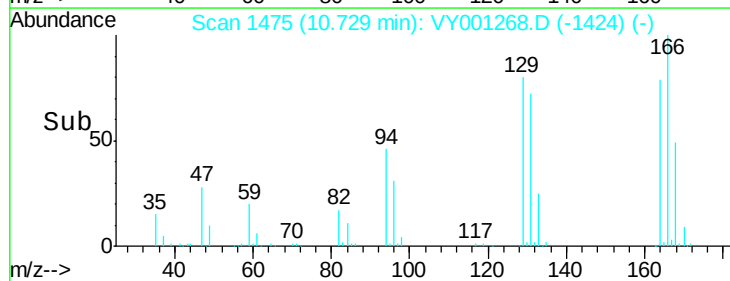
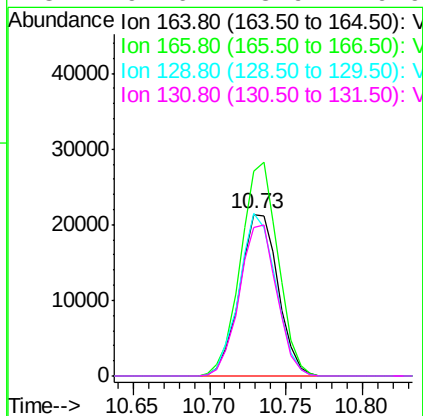
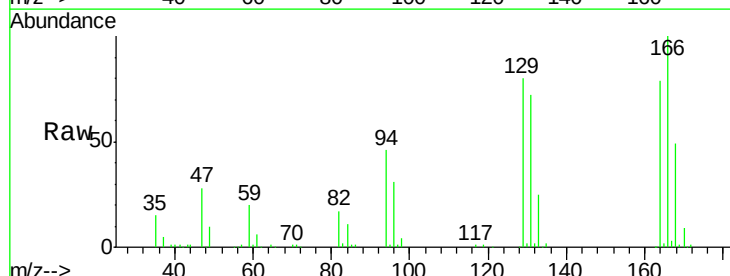
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

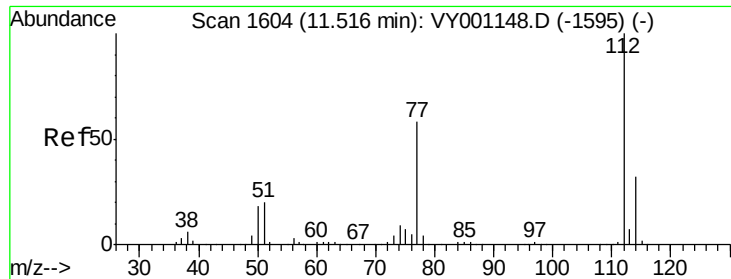
Tgt Ion:117 Resp: 293956
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 33.0 25.7 38.5



#64
Tetrachloroethene
Concen: 19.65 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion:164 Resp: 37238
Ion Ratio Lower Upper
164 100
166 126.4 102.3 153.5
129 100.7 76.2 114.4
131 91.6 73.9 110.9

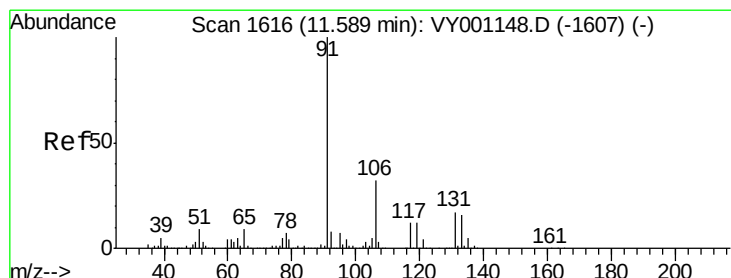
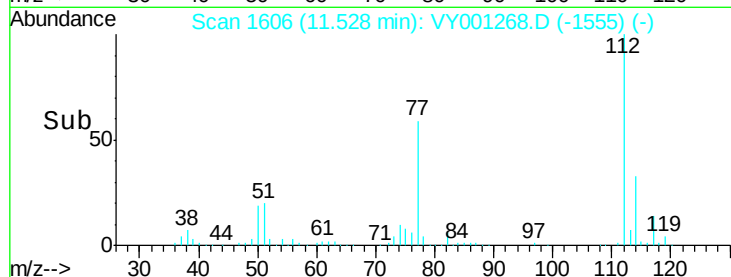
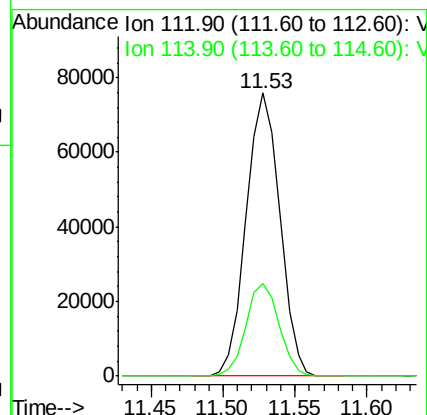
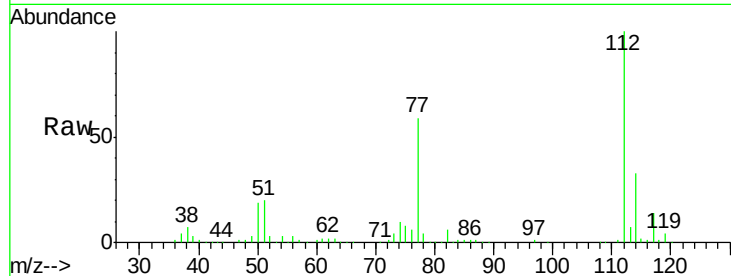




#65
Chlorobenzene
Concen: 20.93 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

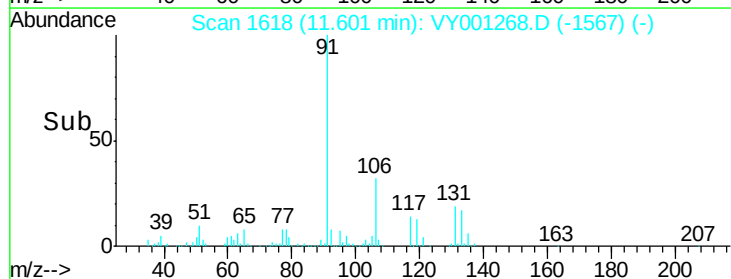
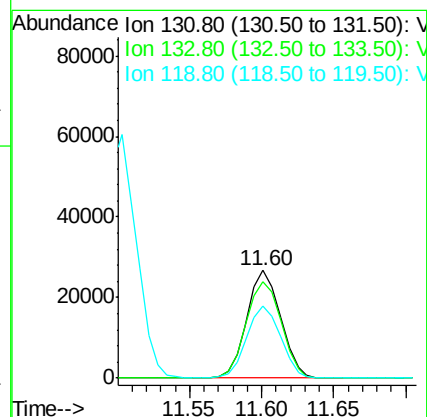
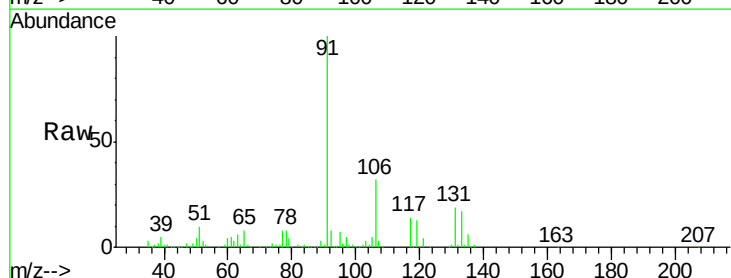
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

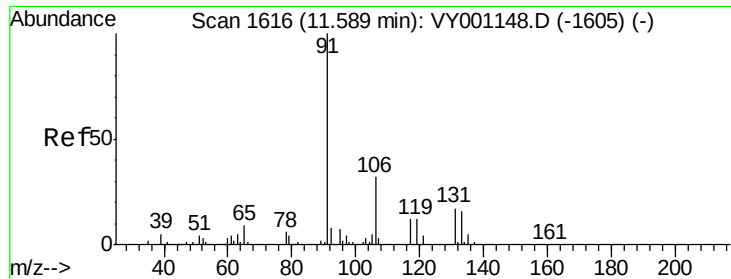
Tgt Ion:112 Resp: 122933
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.49 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion:131 Resp: 43497
Ion Ratio Lower Upper
131 100
133 93.1 47.3 142.0
119 66.6 33.6 100.8

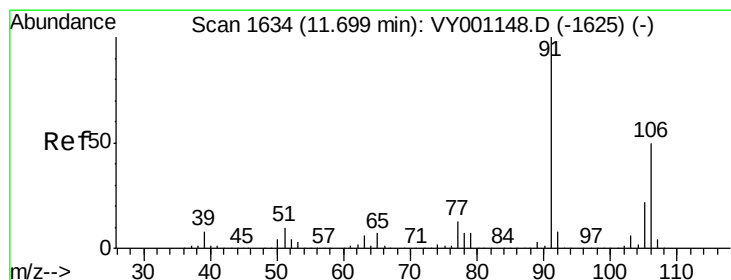
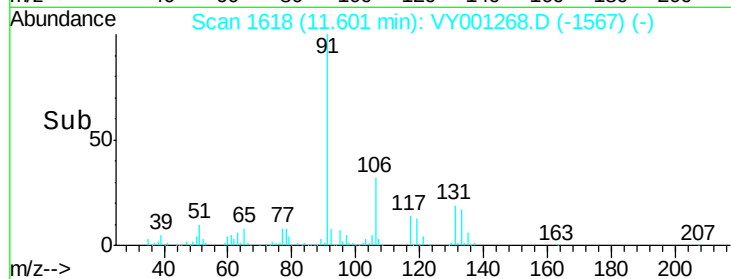
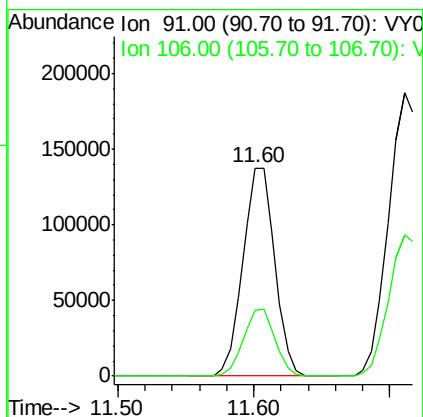
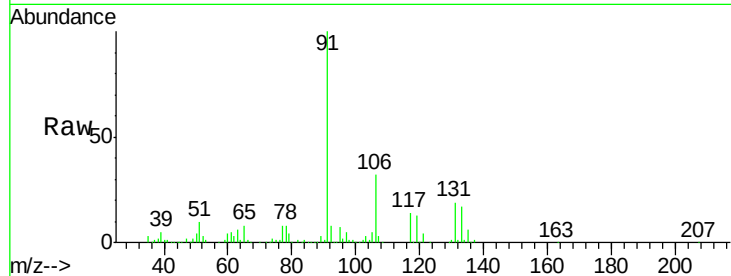




#67
Ethyl Benzene
Concen: 20.98 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

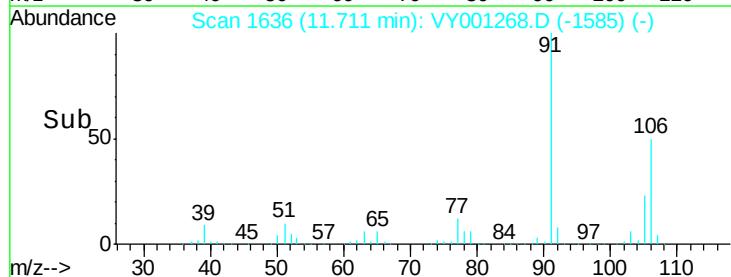
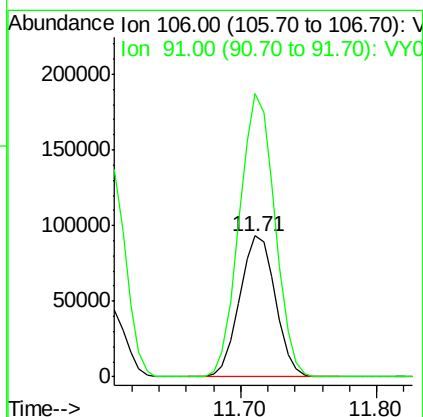
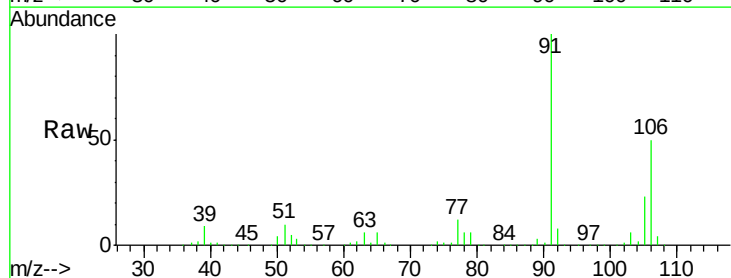
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

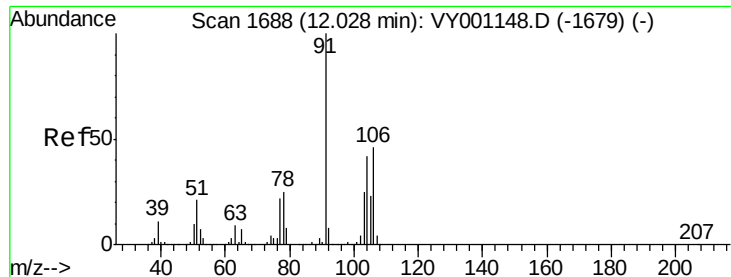
Tgt Ion: 91 Resp: 225415
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 42.26 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 106 Resp: 171275
Ion Ratio Lower Upper
106 100
91 199.2 161.4 242.2

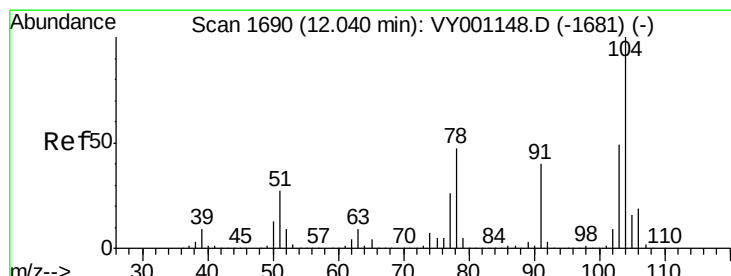
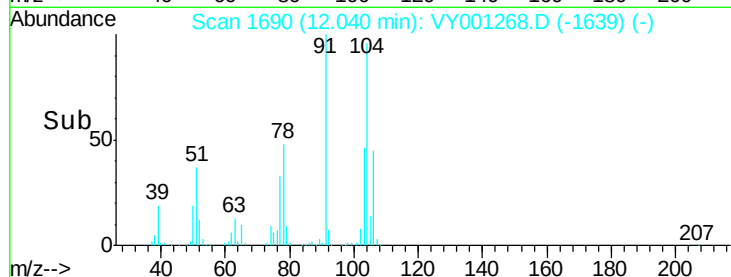
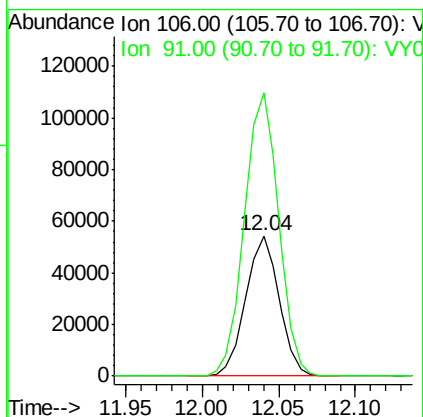
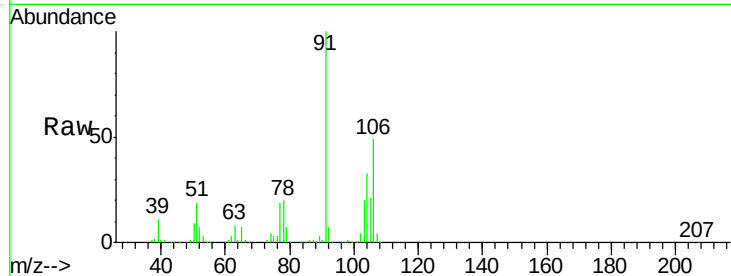




#69
o-Xylene
Concen: 21.25 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

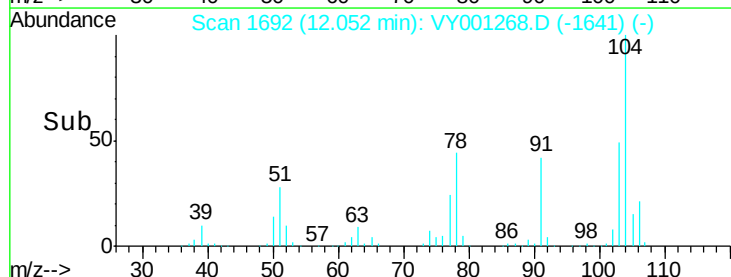
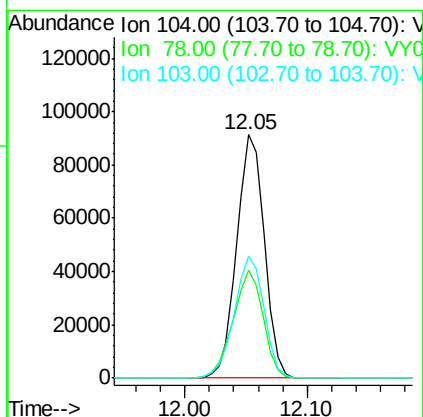
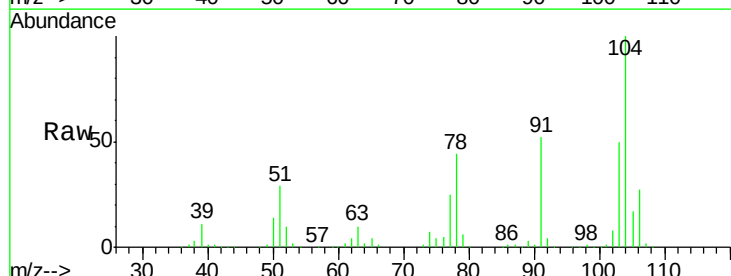
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

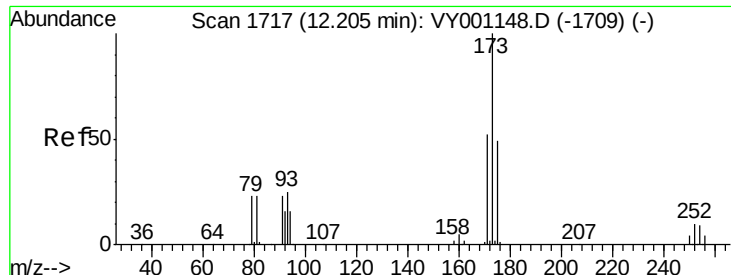
Tgt Ion:106 Resp: 82572
Ion Ratio Lower Upper
106 100
91 206.9 106.3 318.8



#70
Styrene
Concen: 20.91 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion:104 Resp: 142585
Ion Ratio Lower Upper
104 100
78 48.0 40.5 60.7
103 53.5 42.4 63.6





#71

Bromoform

Concen: 19.84 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

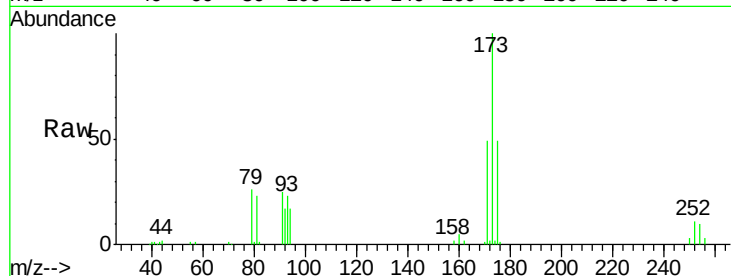
Tgt Ion:173 Resp: 24764

Ion Ratio Lower Upper

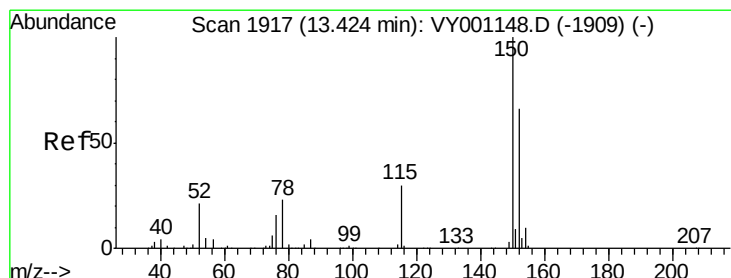
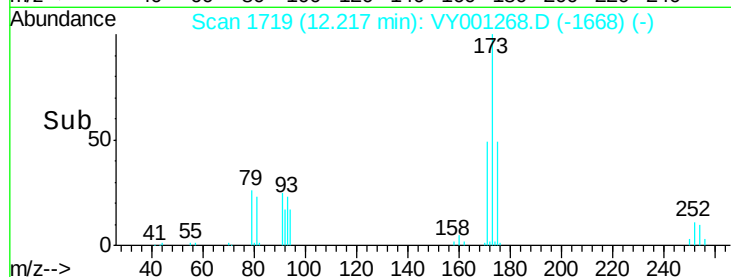
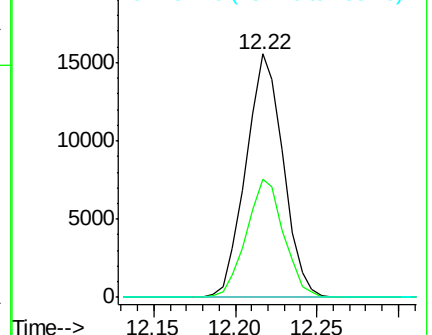
173 100

175 48.5 24.1 72.2

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: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

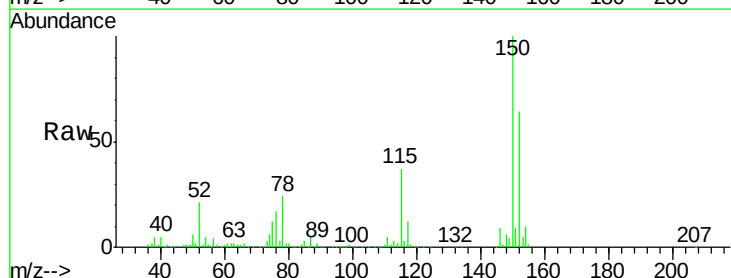
Tgt Ion:152 Resp: 138114

Ion Ratio Lower Upper

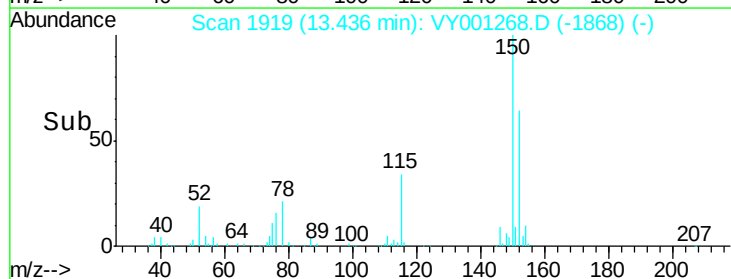
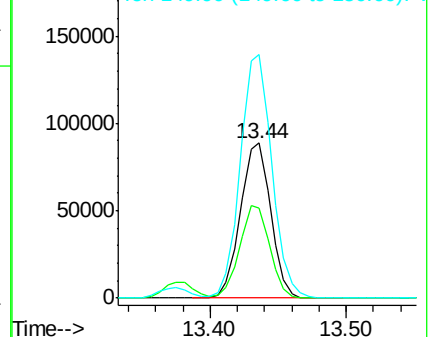
152 100

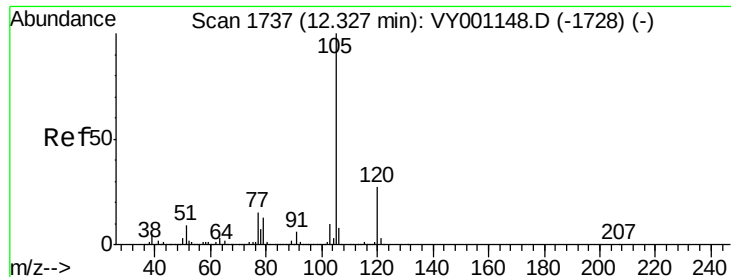
115 58.9 30.9 92.5

150 163.6 0.0 346.8



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





#73

Isopropylbenzene

Concen: 20.55 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

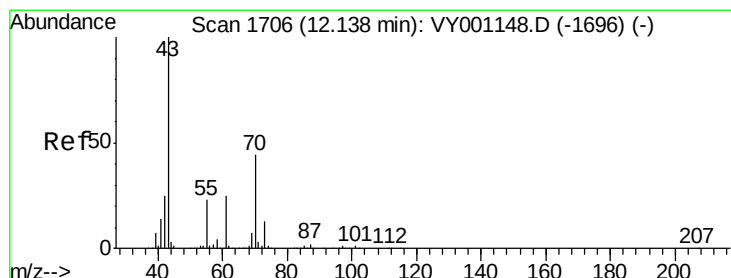
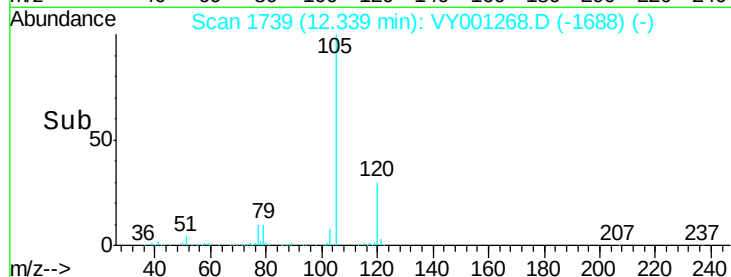
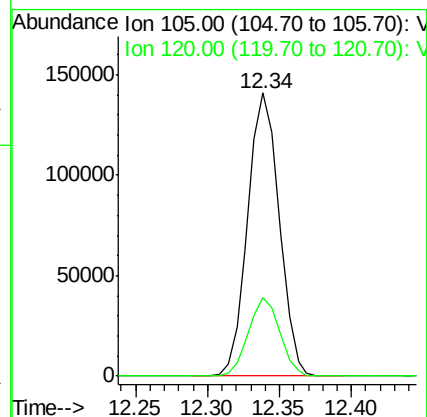
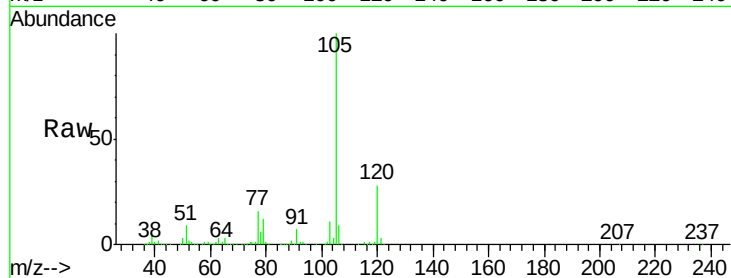
VY0117SBS01

Tgt Ion: 105 Resp: 213374

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-amyl acetate

Concen: 20.08 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion: 43 Resp: 65063

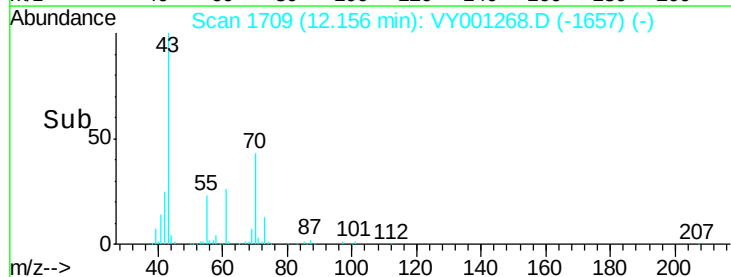
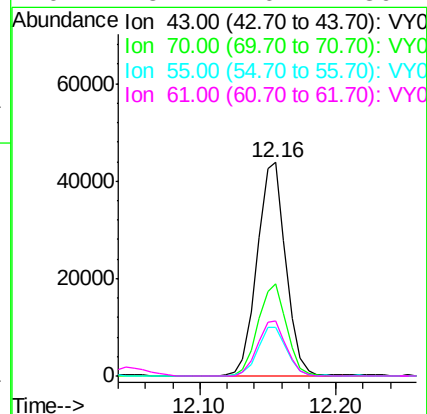
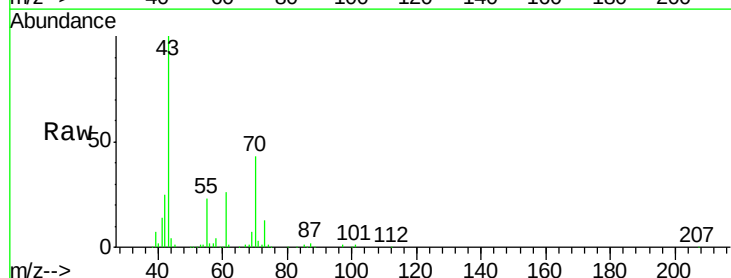
Ion Ratio Lower Upper

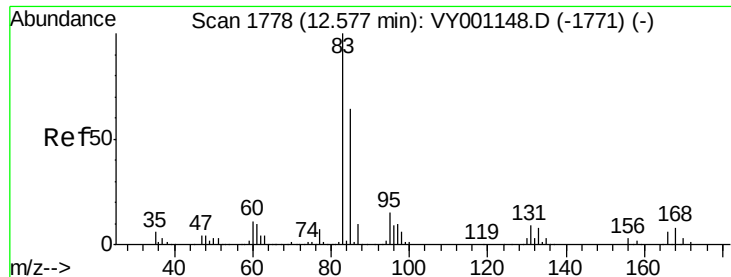
43 100

70 43.0 35.0 52.6

55 23.1 18.4 27.6

61 25.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.78 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

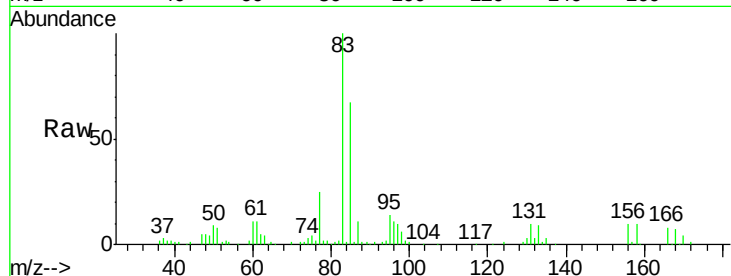
Tgt Ion: 83 Resp: 45402

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

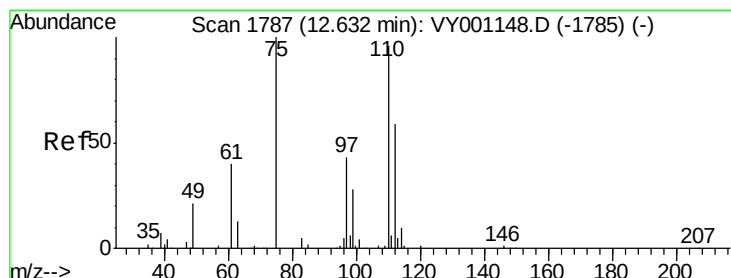
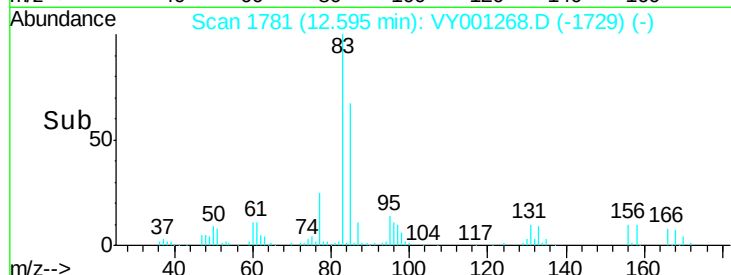
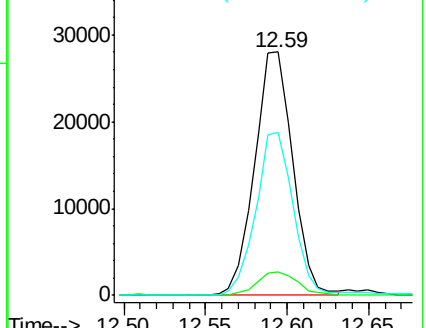
85 67.1 32.2 96.6



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: 40.28 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001268.D

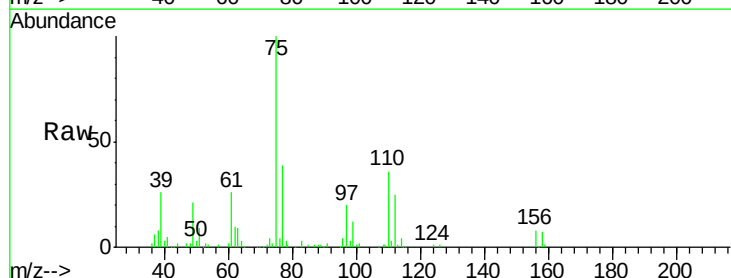
Acq: 17 Jan 2020 16:27

Tgt Ion: 75 Resp: 59549

Ion Ratio Lower Upper

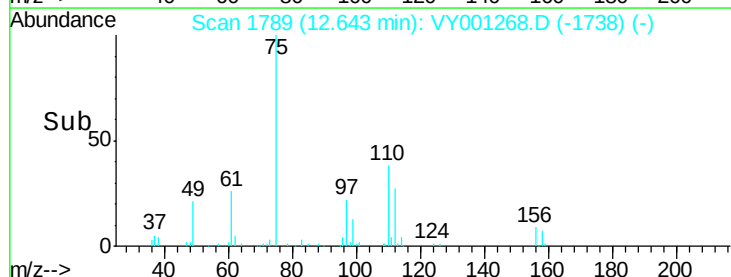
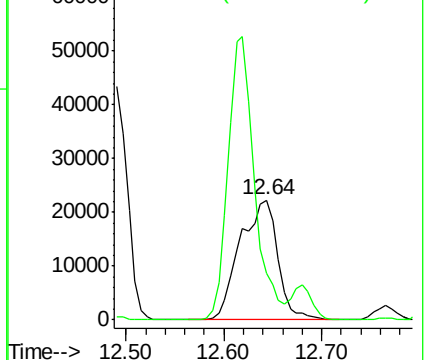
75 100

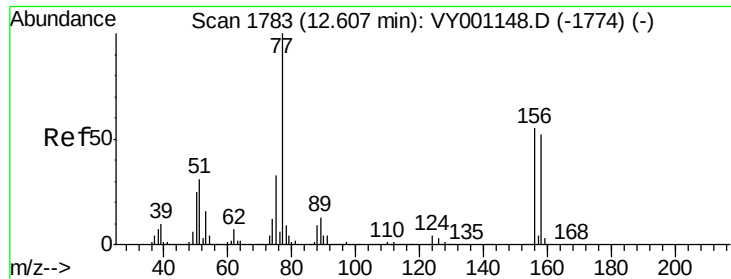
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.33 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

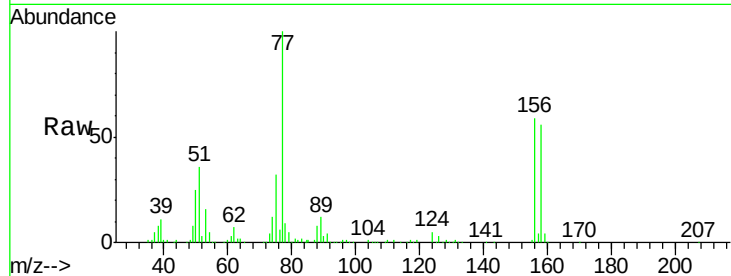
Tgt Ion:156 Resp: 48942

Ion Ratio Lower Upper

156 100

77 201.4 106.7 320.1

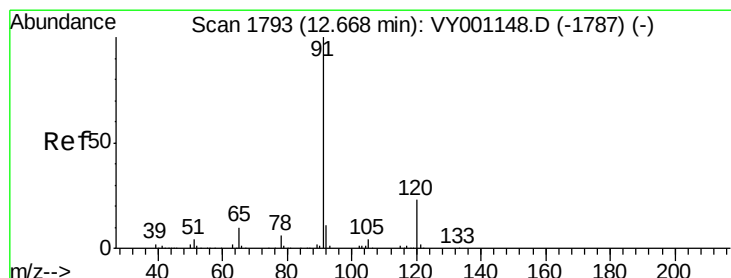
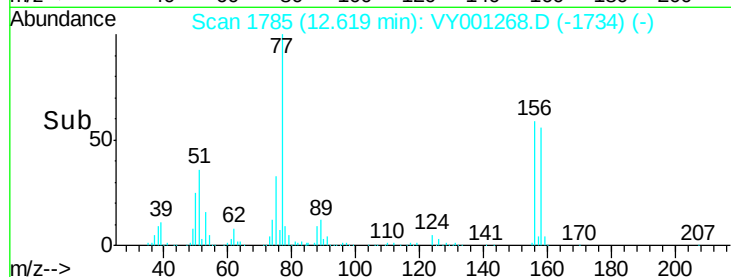
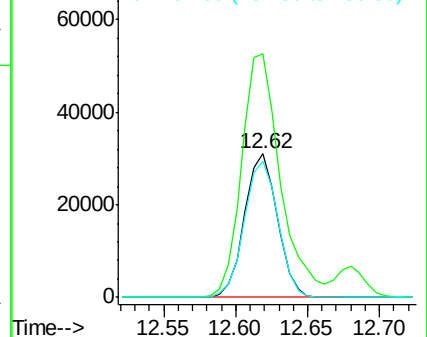
158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.61 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001268.D

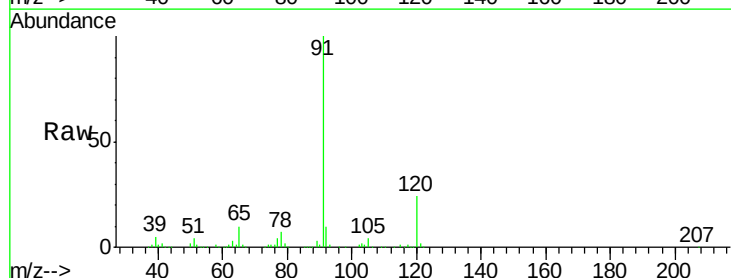
Acq: 17 Jan 2020 16:27

Tgt Ion: 91 Resp: 257361

Ion Ratio Lower Upper

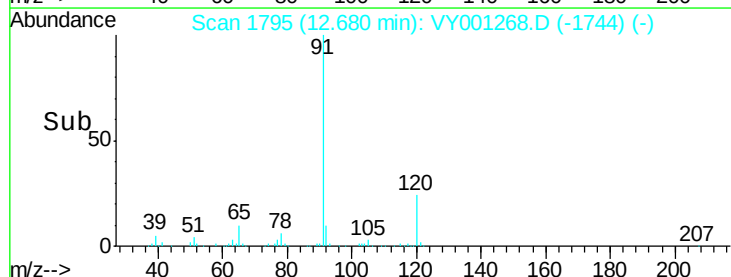
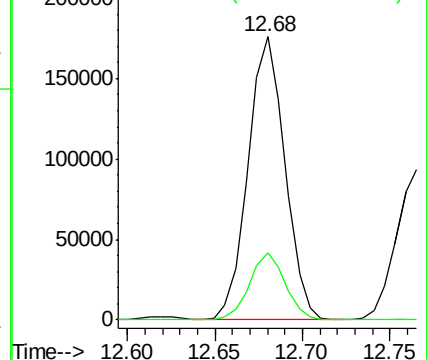
91 100

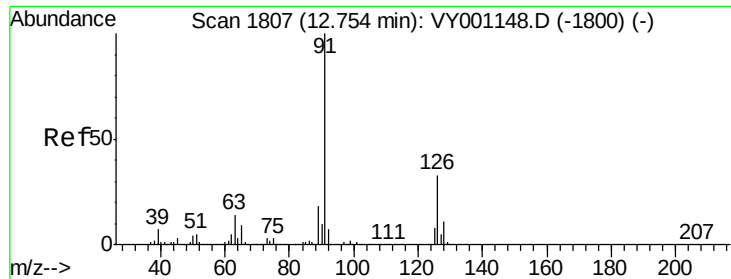
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.42 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

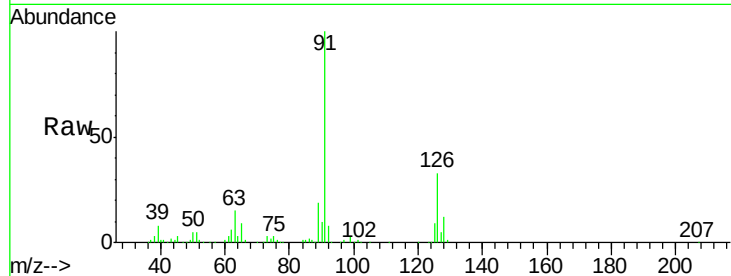
VY0117SBS01

Tgt Ion: 91 Resp: 146496

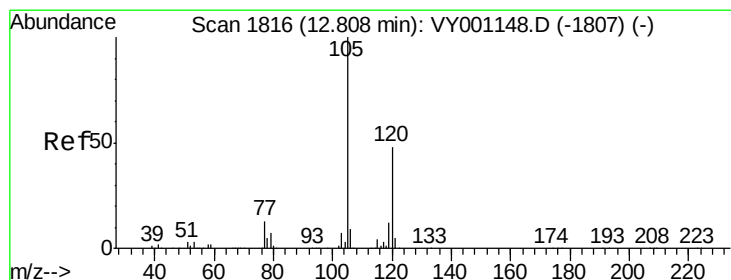
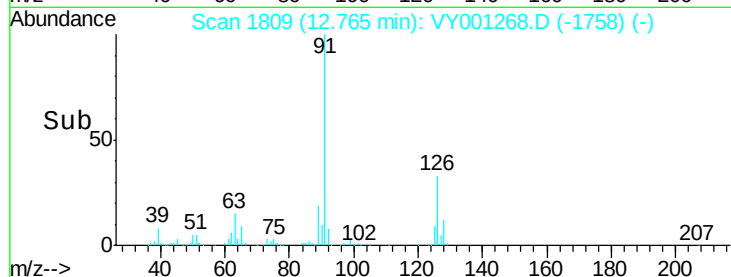
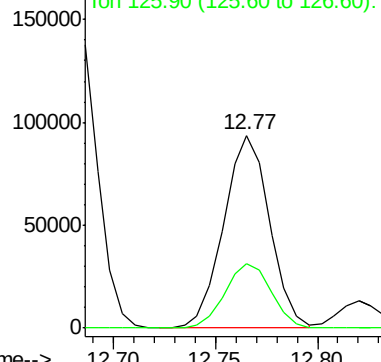
Ion Ratio Lower Upper

91 100

126 33.7 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.92 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY001268.D

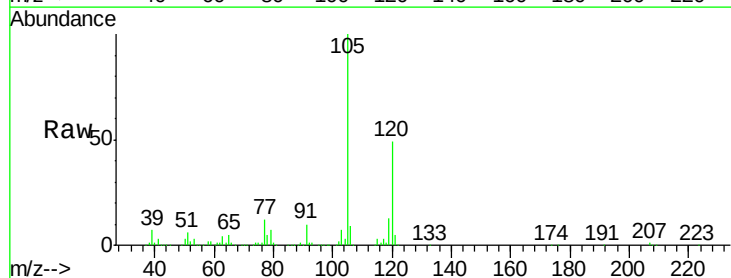
Acq: 17 Jan 2020 16:27

Tgt Ion: 105 Resp: 181197

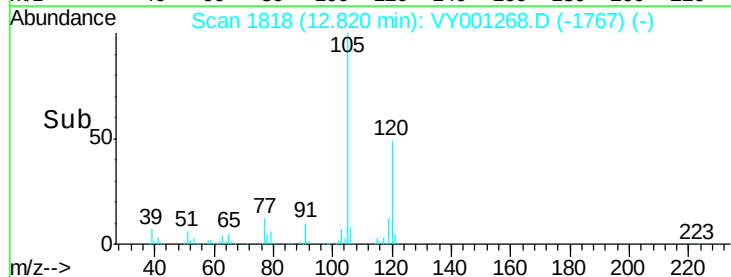
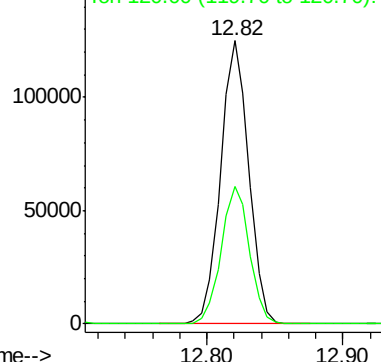
Ion Ratio Lower Upper

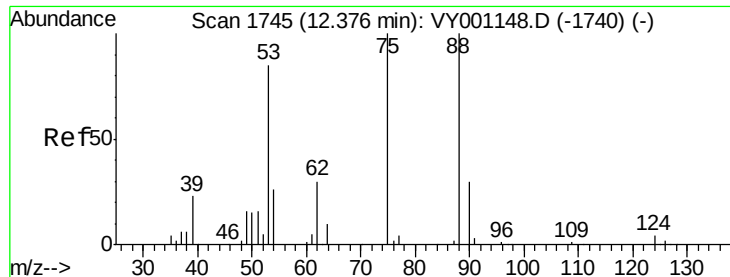
105 100

120 48.9 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.17 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

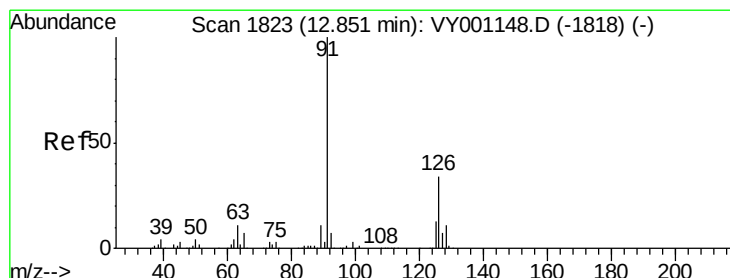
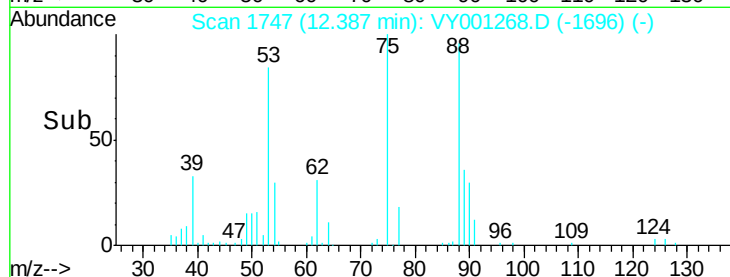
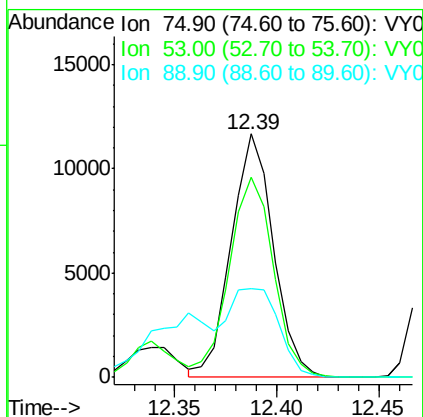
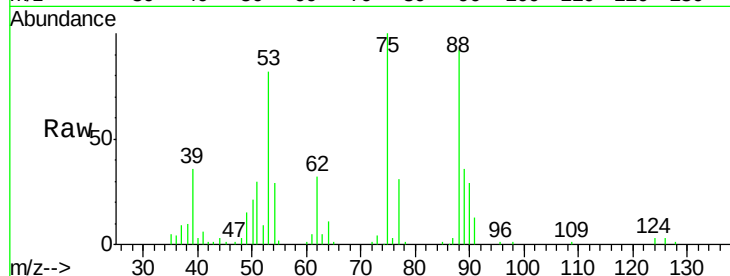
Tgt Ion: 75 Resp: 16714

Ion Ratio Lower Upper

75 100

53 86.7 69.4 104.2

89 44.0 0.0 0.0#



#82

4-Chlorotoluene

Concen: 20.09 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY001268.D

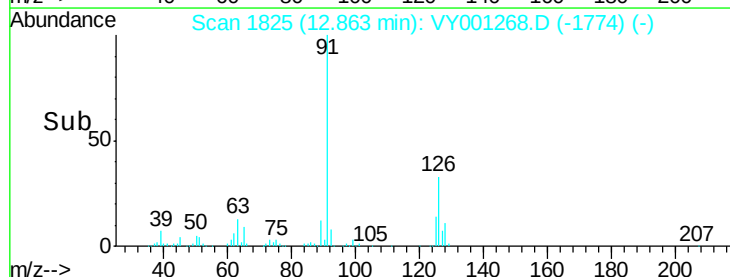
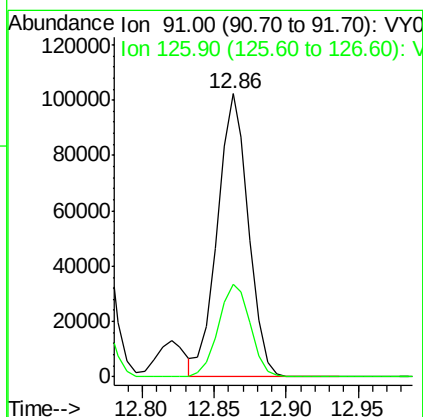
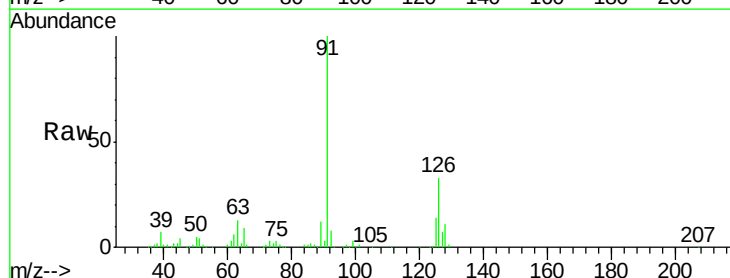
Acq: 17 Jan 2020 16:27

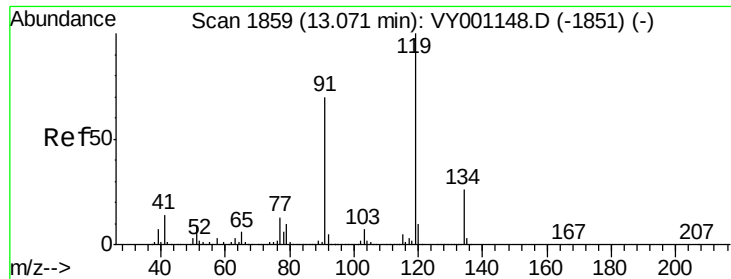
Tgt Ion: 91 Resp: 153823

Ion Ratio Lower Upper

91 100

126 33.9 16.3 48.8

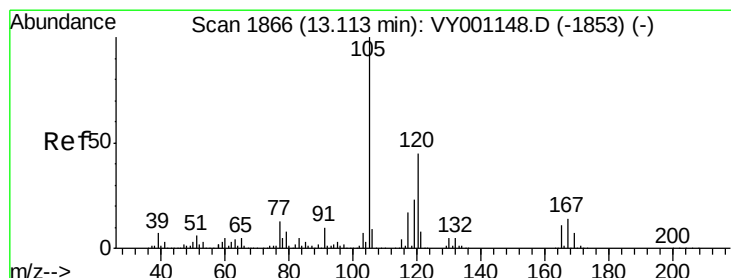
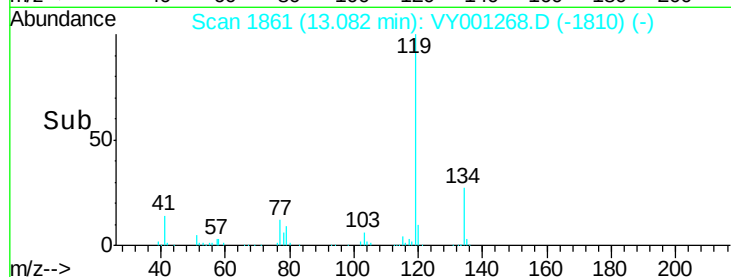
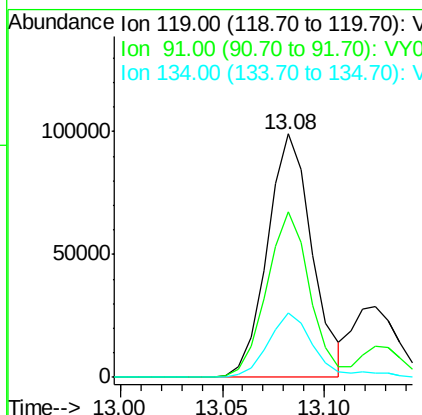
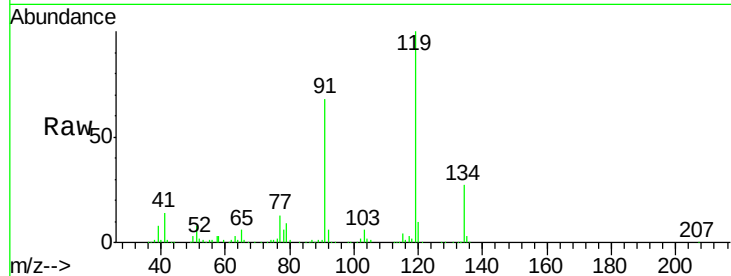




#83
 tert-Butylbenzene
 Concen: 20.78 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

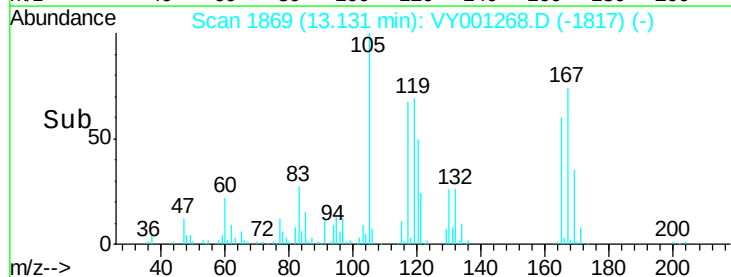
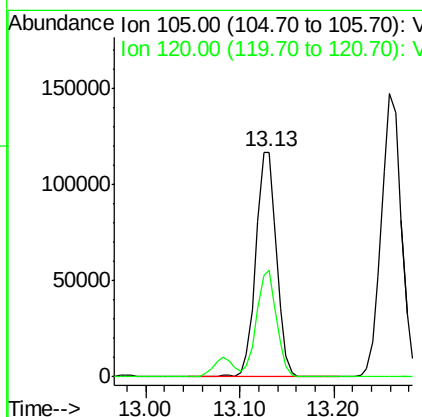
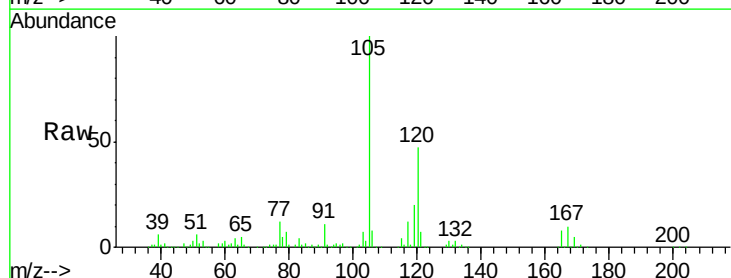
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

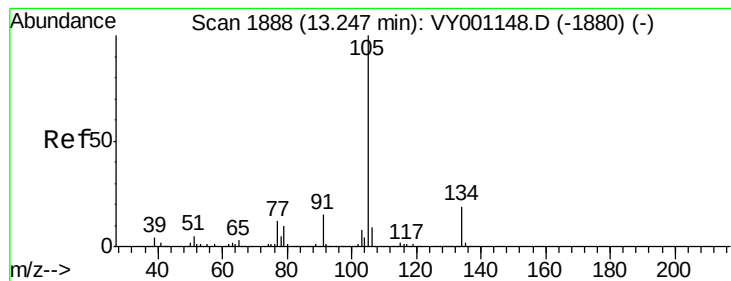
Tgt Ion:119 Resp: 151249
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.9 101.7
 134 27.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.13 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion:105 Resp: 181828
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.71 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

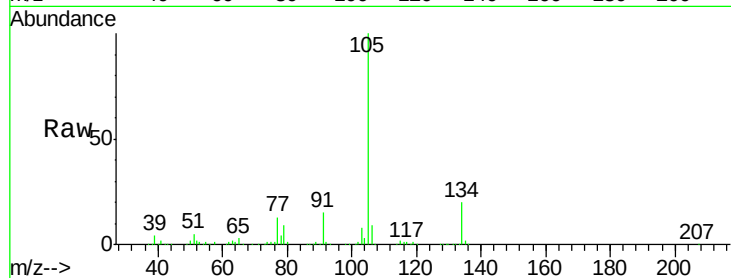
VY0117SBS01

Tgt Ion:105 Resp: 216913

Ion Ratio Lower Upper

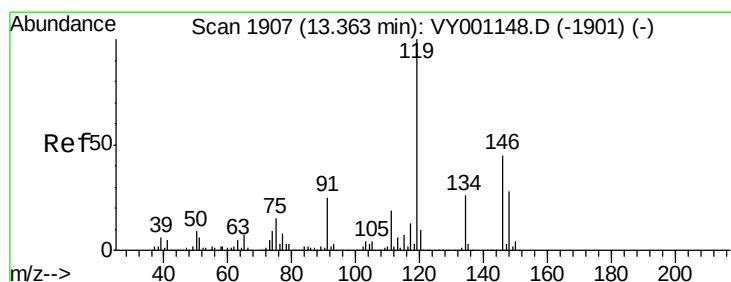
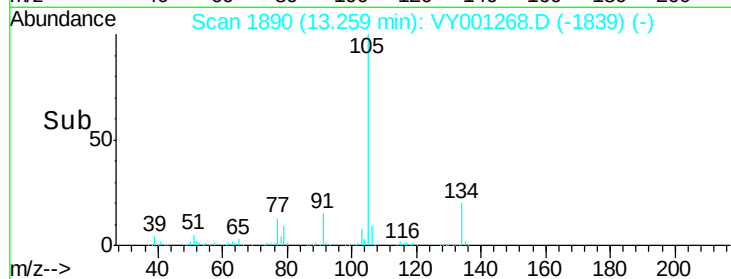
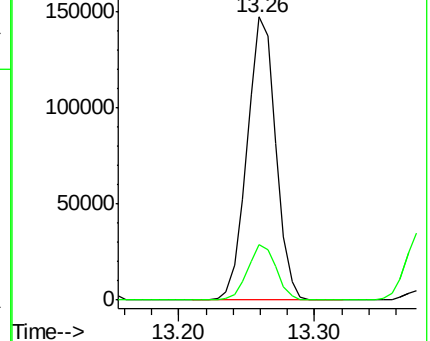
105 100

134 19.7 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.14 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

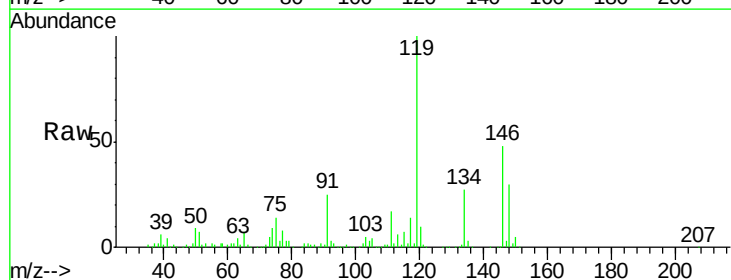
Tgt Ion:119 Resp: 192249

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

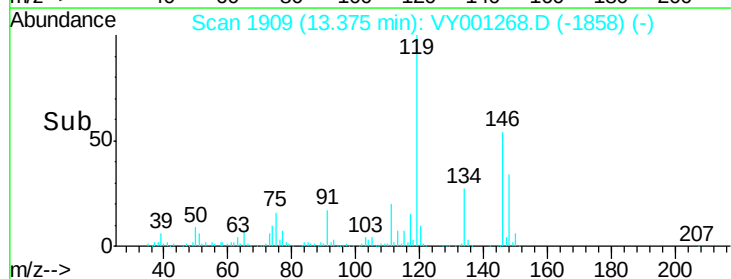
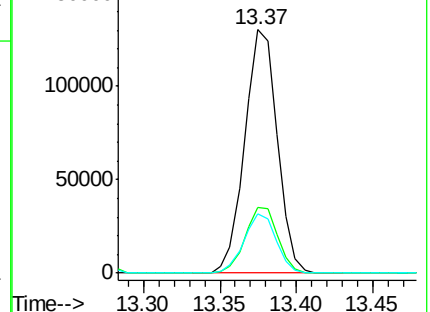
91 24.2 12.4 37.2

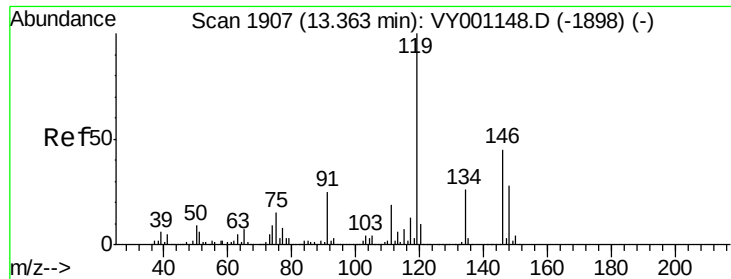


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

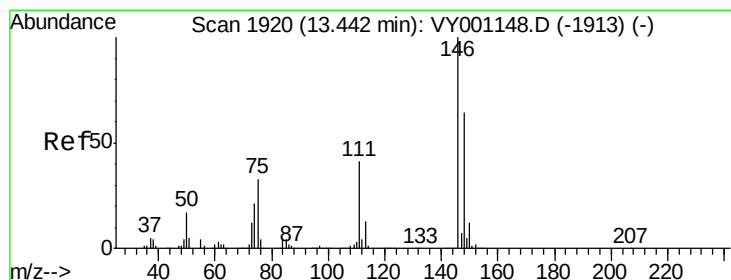
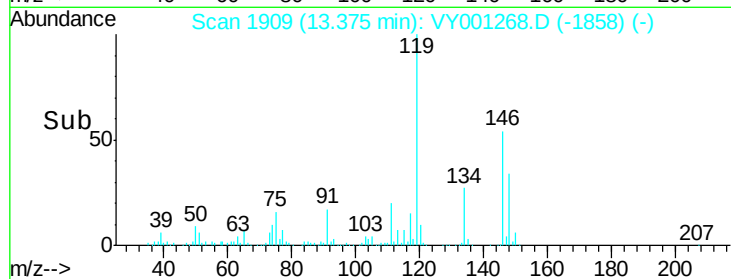
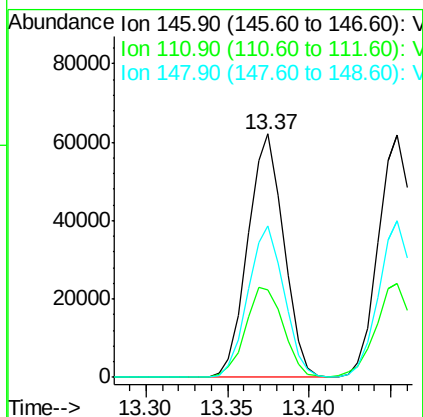
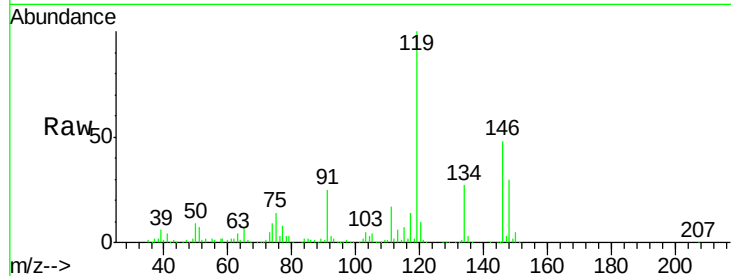




#87
 1,3-Dichlorobenzene
 Concen: 22.06 ug/l
 RT: 13.37 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

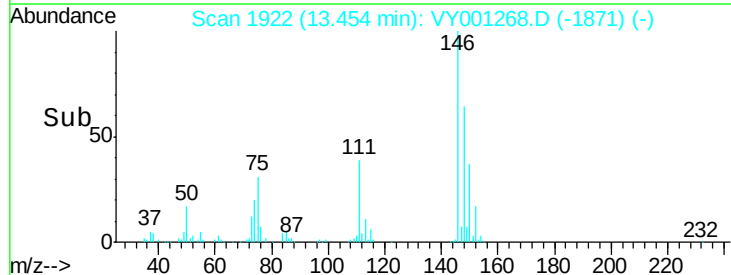
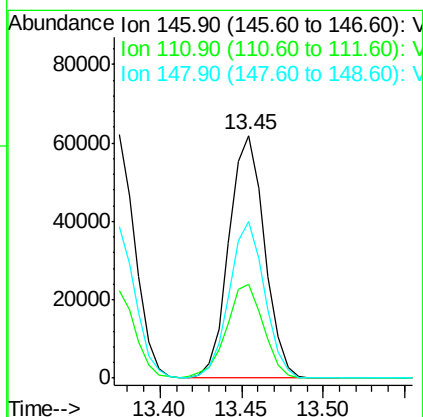
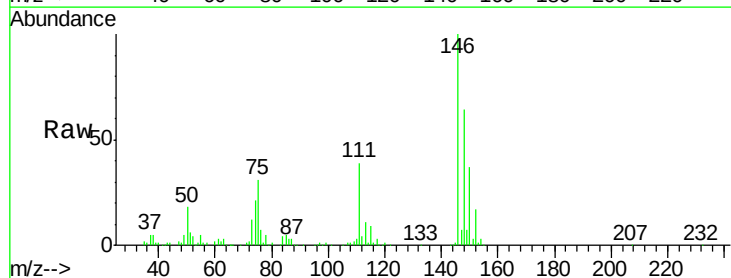
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

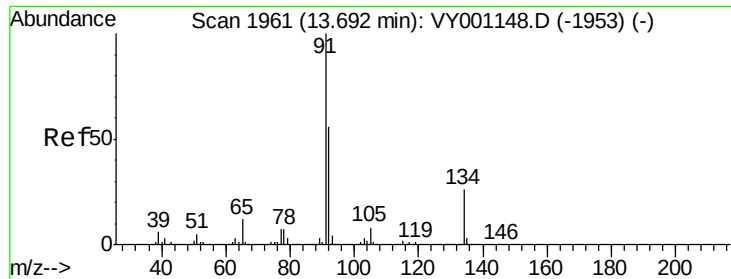
Tgt Ion:146 Resp: 95701
 Ion Ratio Lower Upper
 146 100
 111 38.8 21.3 64.0
 148 62.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.08 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion:146 Resp: 94125
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.8 62.5
 148 64.0 32.0 96.2

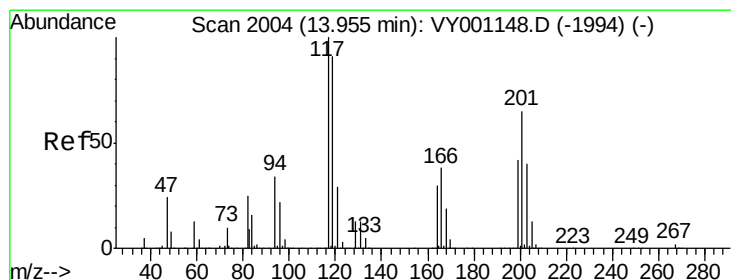
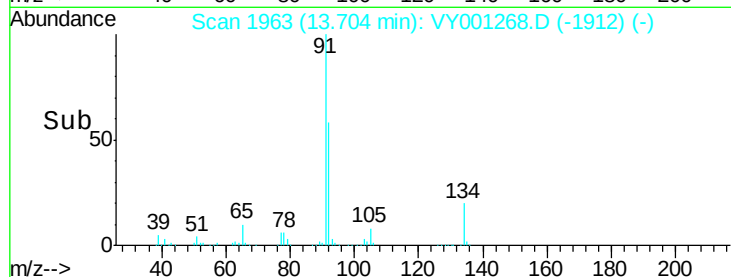
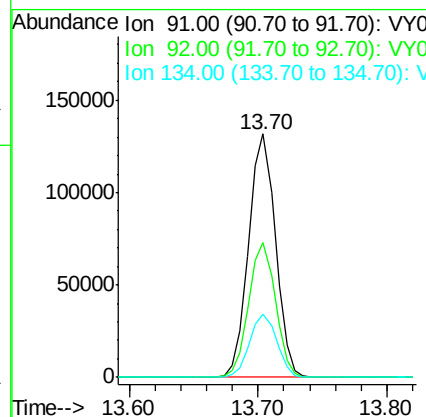
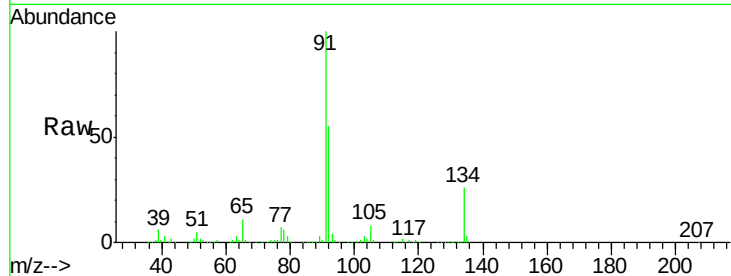




#89
n-Butylbenzene
Concen: 20.63 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

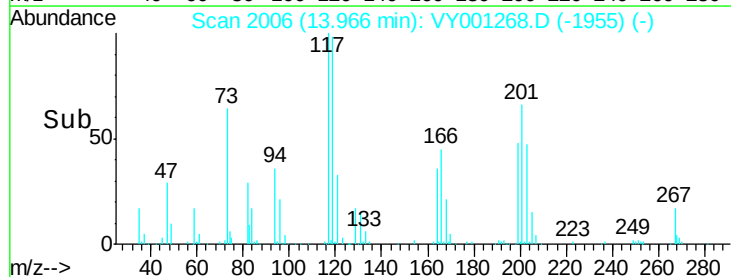
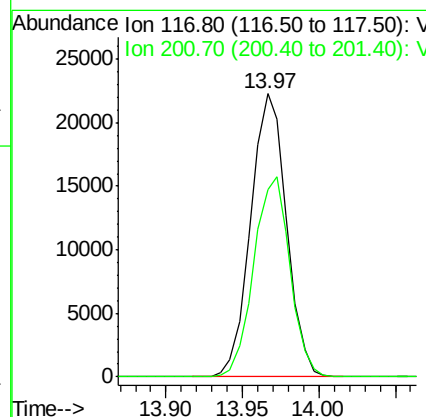
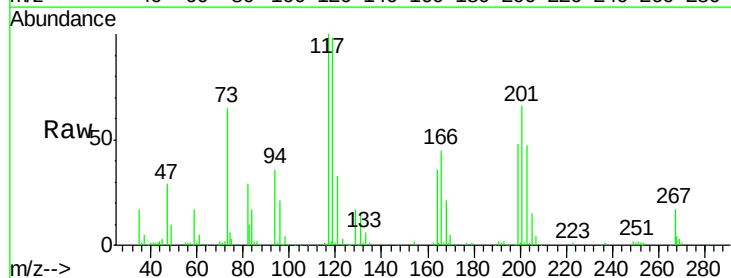
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

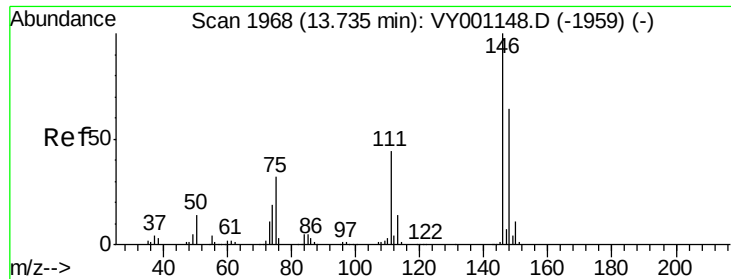
Tgt Ion: 91 Resp: 188918
Ion Ratio Lower Upper
91 100
92 55.2 27.7 83.1
134 26.2 12.9 38.6



#90
Hexachloroethane
Concen: 20.43 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 117 Resp: 36293
Ion Ratio Lower Upper
117 100
201 71.3 35.4 106.2

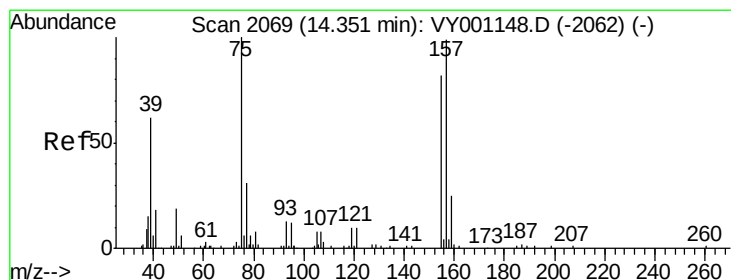
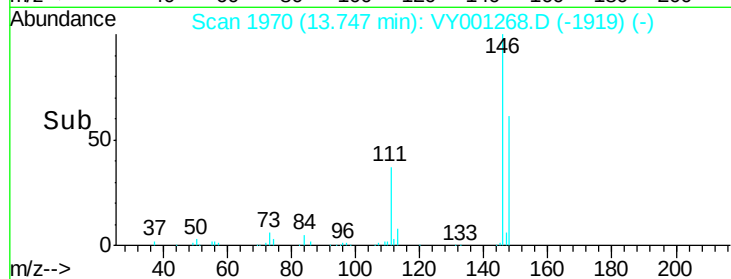
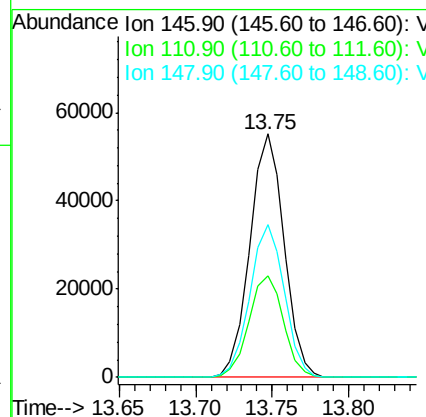
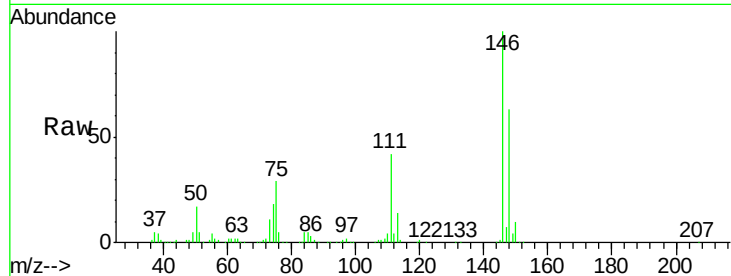




#91
 1,2-Dichlorobenzene
 Concen: 21.24 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

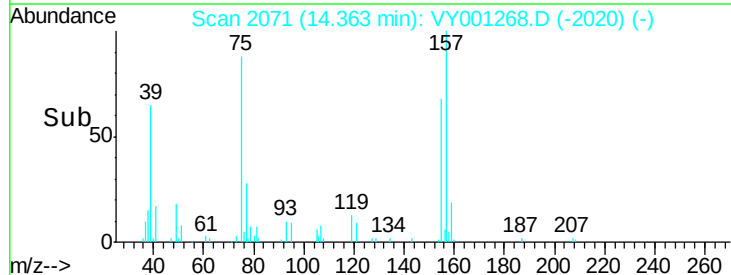
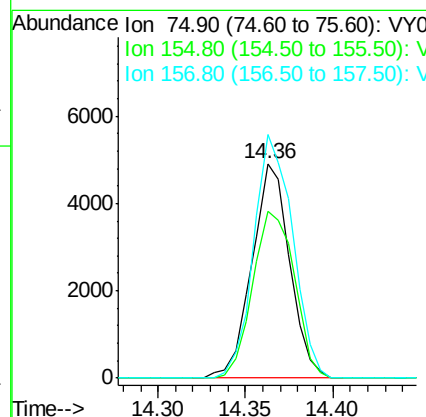
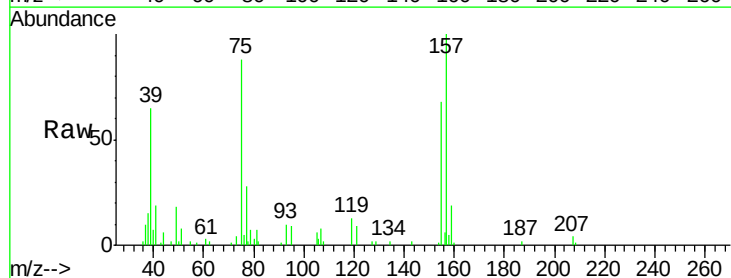
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

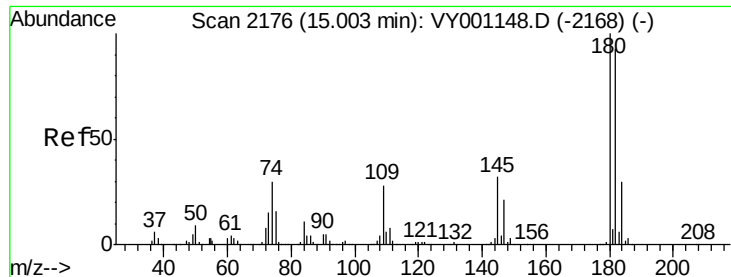
Tgt Ion:146 Resp: 85653
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.0 66.0
 148 63.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.67 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion: 75 Resp: 7356
 Ion Ratio Lower Upper
 75 100
 155 85.7 41.2 123.6
 157 117.2 52.8 158.4

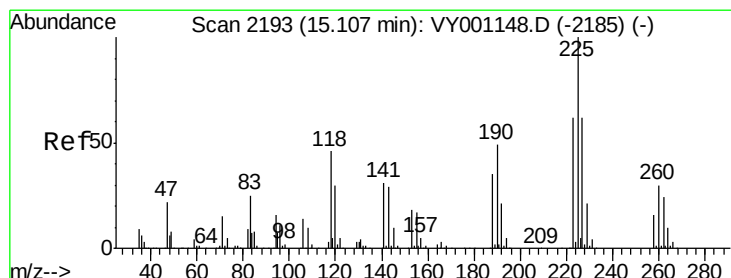
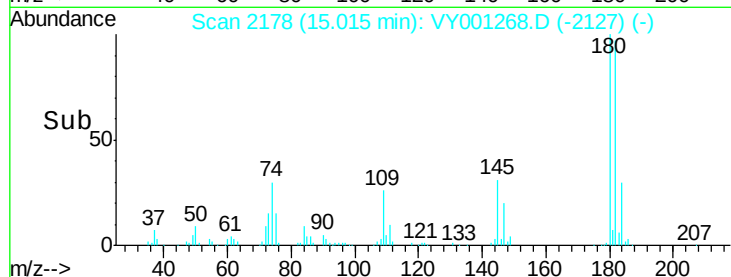
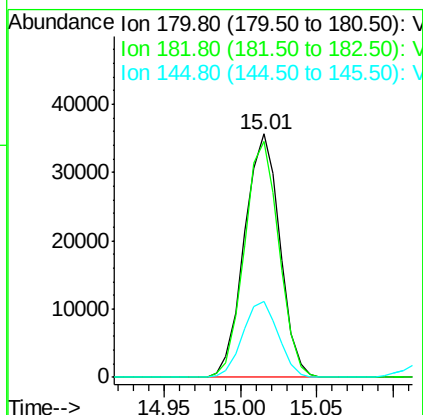
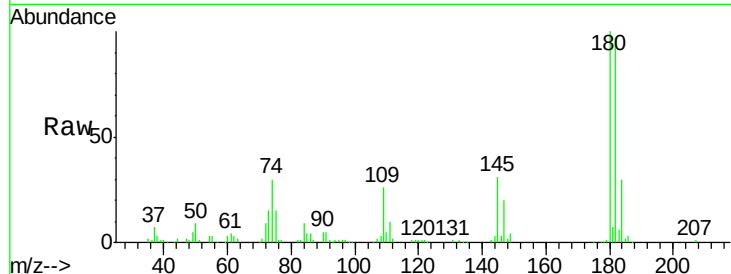




#93
 1,2,4-Trichlorobenzene
 Concen: 21.60 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

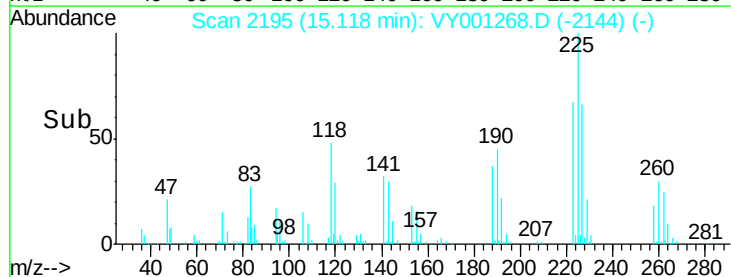
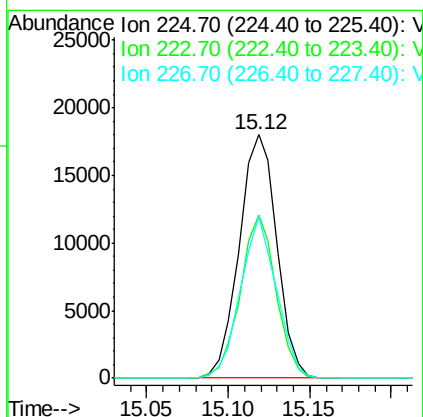
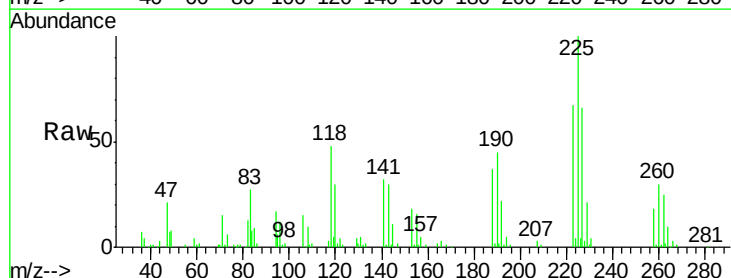
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

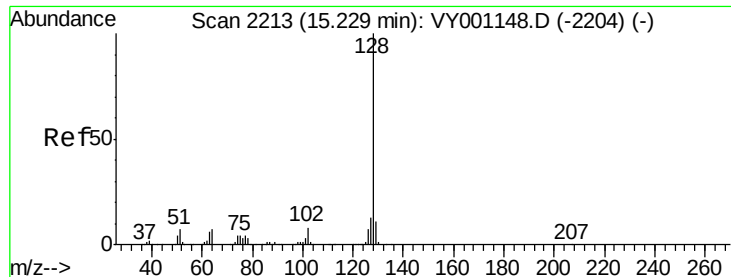
Tgt Ion:180 Resp: 57392
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.9 140.8
 145 31.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 21.59 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion:225 Resp: 28893
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.3
 227 63.3 31.3 93.9

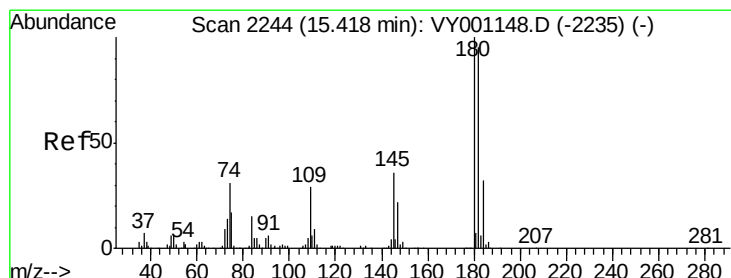
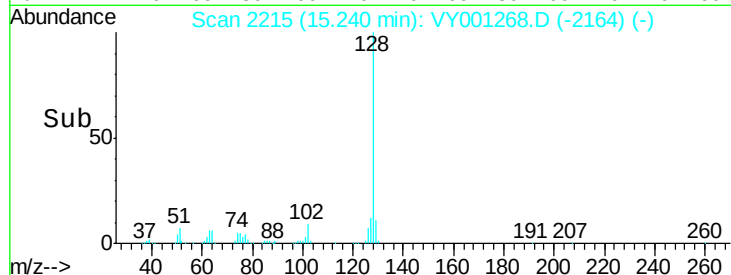
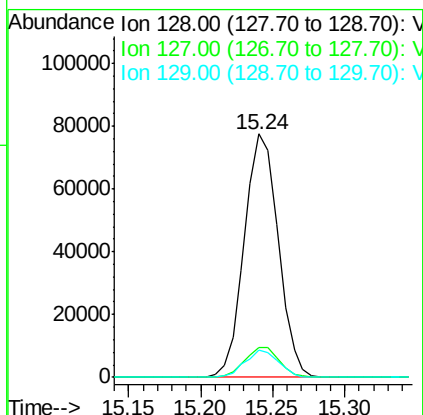
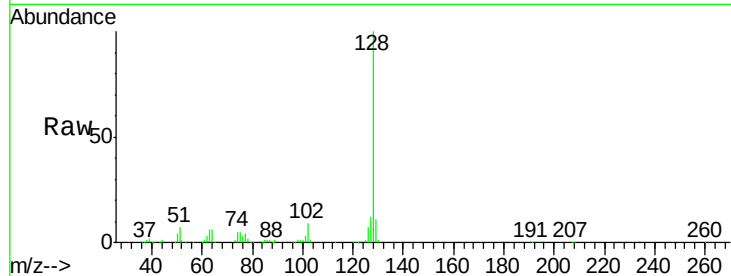




#95
Naphthalene
Concen: 20.46 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion:128 Resp: 126535
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 21.88 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion:180 Resp: 51236
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.5
145 32.5 17.1 51.3

