

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
 Data File : VY001320.D
 Acq On : 21 Jan 2020 14:42
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 21 16:24:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:22:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	191397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	335620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	10063	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	
35) Dibromofluoromethane	7.75	113	9471	4.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.62%	
50) Toluene-d8	10.20	98	39531	5.22	ug/l	0.01
Spiked Amount	50.000		Recovery	=	10.44%	
62) 4-Bromofluorobenzene	12.49	95	14412	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	6671	4.50	ug/l	93
3) Chloromethane	2.13	50	11833	5.49	ug/l	93
4) Vinyl Chloride	2.27	62	11576	5.32	ug/l	94
5) Bromomethane	2.68	94	9101	7.56	ug/l	92
6) Chloroethane	2.82	64	7558	5.91	ug/l	95
7) Trichlorofluoromethane	3.15	101	15204	5.07	ug/l	98
8) Diethyl Ether	3.56	74	6217	5.30	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	9762	5.07	ug/l	96
10) Methyl Iodide	4.12	142	10917	4.14	ug/l	98
11) Tert butyl alcohol	4.97	59	10952	50.94	ug/l #	74
12) 1,1-Dichloroethene	3.90	96	10614	5.38	ug/l	98
13) Acrolein	3.77	56	4919	27.71	ug/l	96
14) Allyl chloride	4.51	41	17987	5.35	ug/l	98
15) Acrylonitrile	5.20	53	15604	26.33	ug/l	99
16) Acetone	3.97	43	18730	38.14	ug/l	90
17) Carbon Disulfide	4.22	76	31358	4.95	ug/l	99
18) Methyl Acetate	4.51	43	9794	6.18	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	28322	5.15	ug/l	99
20) Methylene Chloride	4.75	84	25151	9.41	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	11922	5.32	ug/l	96
22) Diisopropyl ether	6.16	45	36228	5.26	ug/l	93
23) Vinyl Acetate	6.10	43	109189	24.69	ug/l	100
24) 1,1-Dichloroethane	6.05	63	19881	5.29	ug/l	98
25) 2-Butanone	7.02	43	22820	30.05	ug/l	95
26) 2,2-Dichloropropane	7.02	77	19665	5.73	ug/l	95
27) cis-1,2-Dichloroethene	7.02	96	13090	5.32	ug/l	95
28) Bromochloromethane	7.36	49	7372	4.82	ug/l	97
29) Tetrahydrofuran	7.38	42	13634	26.45	ug/l	98
30) Chloroform	7.54	83	19787	5.40	ug/l	100
31) Cyclohexane	7.82	56	22585	5.75	ug/l #	85
32) 1,1,1-Trichloroethane	7.73	97	16635	5.14	ug/l	97
36) 1,1-Dichloropropene	7.95	75	16164	5.26	ug/l	99
37) Ethyl Acetate	7.11	43	8778	4.81	ug/l #	79
38) Carbon Tetrachloride	7.93	117	14442	5.15	ug/l	93

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 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	20344	4.92	ug/l	97
40) Benzene	8.19	78	47594	5.28	ug/l	99
41) Methacrylonitrile	7.38	41	12894	14.99	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	13104	5.19	ug/l	99
43) Isopropyl Acetate	8.30	43	17241	4.93	ug/l	99
44) Trichloroethene	8.96	130	12712	5.45	ug/l	99
45) 1,2-Dichloropropane	9.24	63	11871	5.29	ug/l #	88
46) Dibromomethane	9.32	93	6460	5.31	ug/l	100
47) Bromodichloromethane	9.52	83	15138	5.12	ug/l	87
48) Methyl methacrylate	9.32	41	7691	4.78	ug/l	97
49) 1,4-Dioxane	9.32	88	1623	108.10	ug/l	89
51) 4-Methyl-2-Pentanone	10.09	43	45139	25.40	ug/l	99
52) Toluene	10.26	92	30143	5.26	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	16063	4.85	ug/l	96
54) cis-1,3-Dichloropropene	9.95	75	18864	5.05	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	9054	5.01	ug/l	96
56) Ethyl methacrylate	10.53	69	13304	4.82	ug/l	97
57) 1,3-Dichloropropane	10.81	76	15971	5.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	29181	30.44	ug/l	99
59) 2-Hexanone	10.85	43	30655	24.60	ug/l	98
60) Dibromochloromethane	11.00	129	10076	4.88	ug/l	96
61) 1,2-Dibromoethane	11.11	107	8472	4.82	ug/l	95
64) Tetrachloroethene	10.74	164	10140	5.45	ug/l	85
65) Chlorobenzene	11.53	112	31283	5.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	10290	5.10	ug/l	99
67) Ethyl Benzene	11.61	91	58034	5.41	ug/l	99
68) m/p-Xylenes	11.72	106	42933	10.65	ug/l	100
69) o-Xylene	12.04	106	20786	5.36	ug/l	97
70) Styrene	12.06	104	35357	5.20	ug/l	98
71) Bromoform	12.22	173	6027	4.88	ug/l #	97
73) Isopropylbenzene	12.35	105	53902	5.21	ug/l	99
74) N-amyl acetate	12.16	43	16323	5.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	11136	5.08	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	14533	9.61	ug/l #	100
77) Bromobenzene	12.62	156	12222	5.34	ug/l	94
78) n-propylbenzene	12.68	91	64465	5.18	ug/l	98
79) 2-Chlorotoluene	12.77	91	37677	5.28	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	45356	5.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	3946	4.56	ug/l	99
82) 4-Chlorotoluene	12.87	91	39802	5.23	ug/l	98
83) tert-Butylbenzene	13.08	119	38758	5.33	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	46459	5.42	ug/l	97
85) sec-Butylbenzene	13.27	105	54277	5.19	ug/l	98
86) p-Isopropyltoluene	13.38	119	47929	5.29	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	24081	5.54	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	24091	5.41	ug/l	95
89) n-Butylbenzene	13.70	91	48361	5.31	ug/l	98
90) Hexachloroethane	13.97	117	8614	4.88	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	21254	5.27	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	2030	5.20	ug/l	88

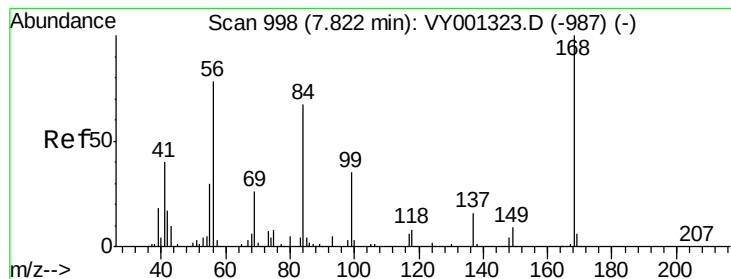
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
Data File : VY001320.D
Acq On : 21 Jan 2020 14:42
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jan 21 16:24:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 16:22:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	15568	5.88	ug/l	97
94) Hexachlorobutadiene	15.13	225	7674	5.78	ug/l	95
95) Naphthalene	15.25	128	33628	5.46	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	13361	5.71	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

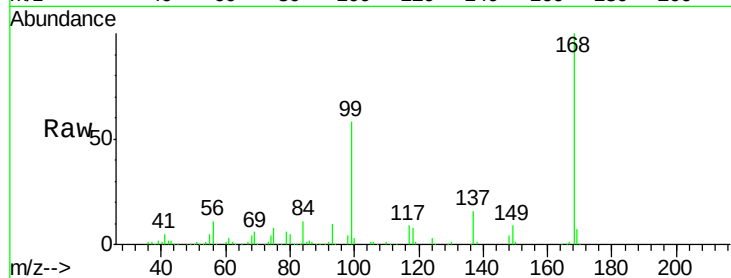
VSTDIC005

Tgt Ion:168 Resp: 191397

Ion Ratio Lower Upper

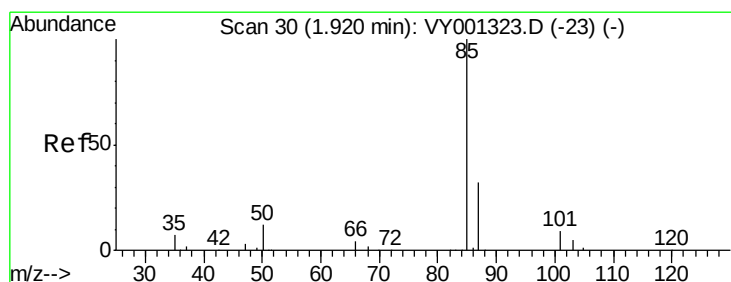
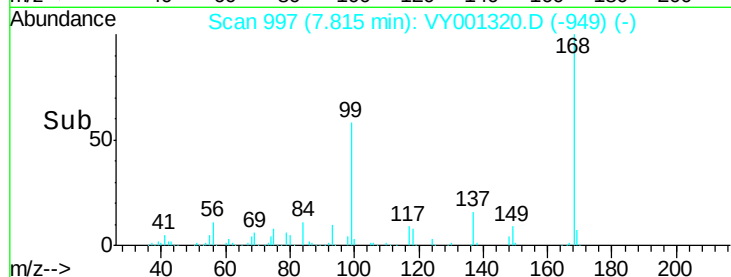
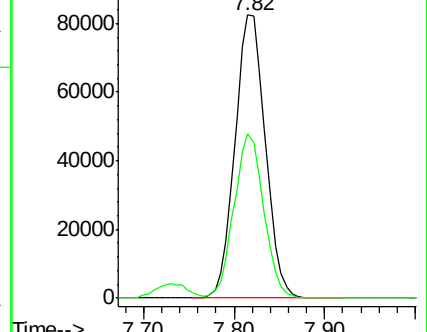
168 100

99 57.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 4.50 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001320.D

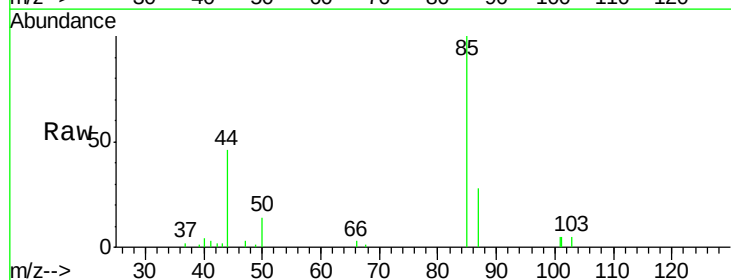
Acq: 21 Jan 2020 14:42

Tgt Ion: 85 Resp: 6671

Ion Ratio Lower Upper

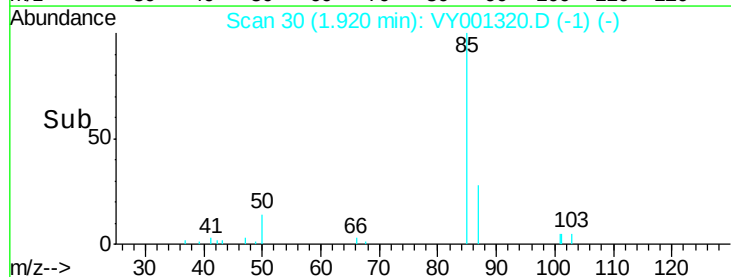
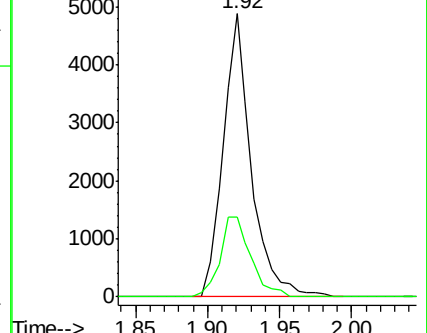
85 100

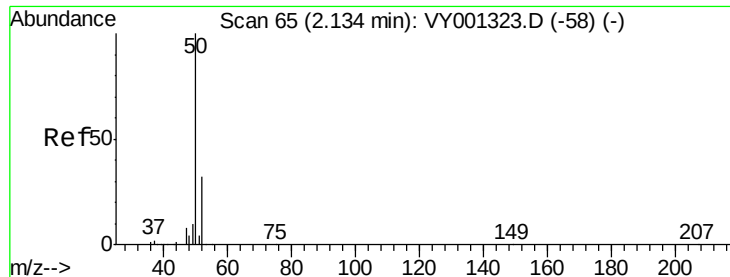
87 28.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 5.49 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

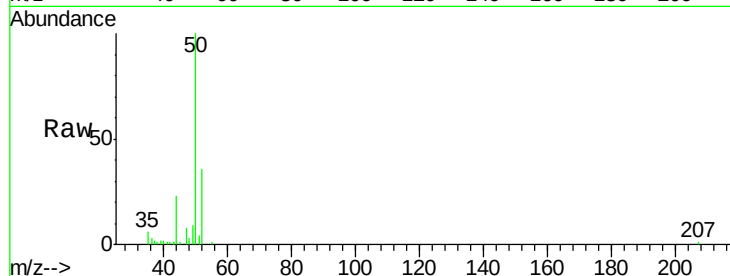
VSTDIC005

Tgt Ion: 50 Resp: 11833

Ion Ratio Lower Upper

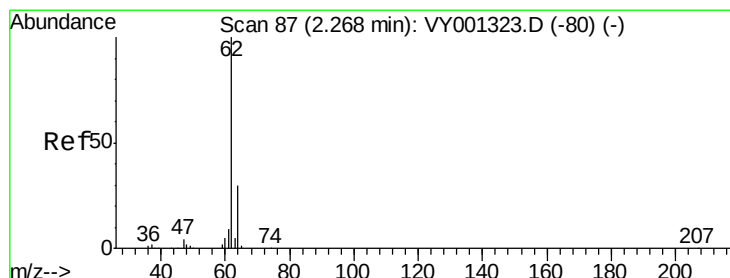
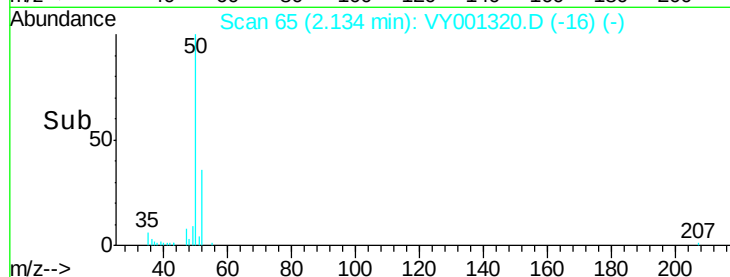
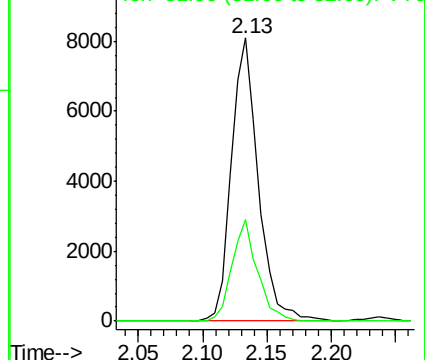
50 100

52 35.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 5.32 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001320.D

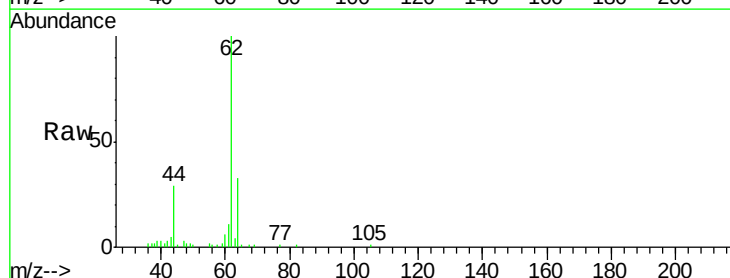
Acq: 21 Jan 2020 14:42

Tgt Ion: 62 Resp: 11576

Ion Ratio Lower Upper

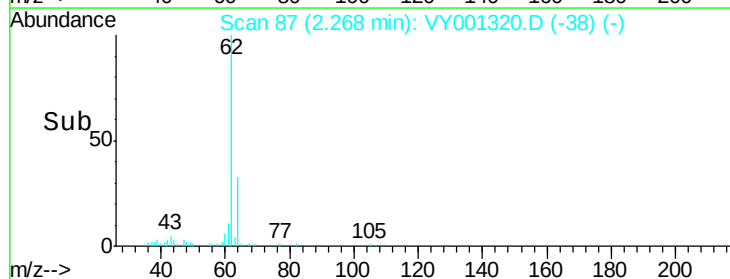
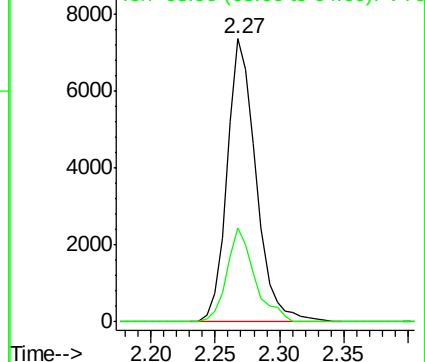
62 100

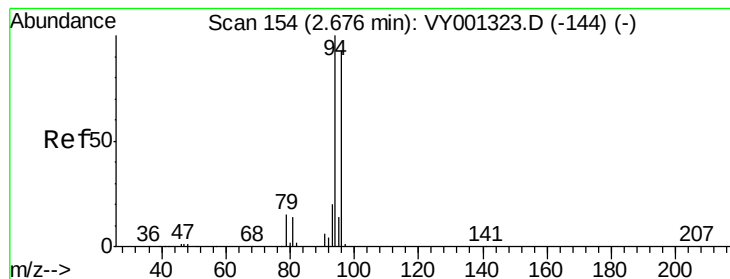
64 33.0 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 7.56 ug/l

RT: 2.68 min Scan# 154

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

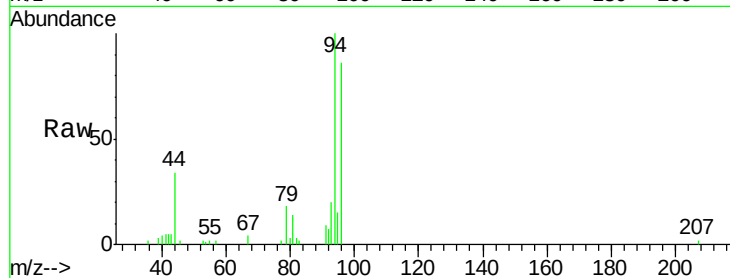
VSTDIC005

Tgt Ion: 94 Resp: 9101

Ion Ratio Lower Upper

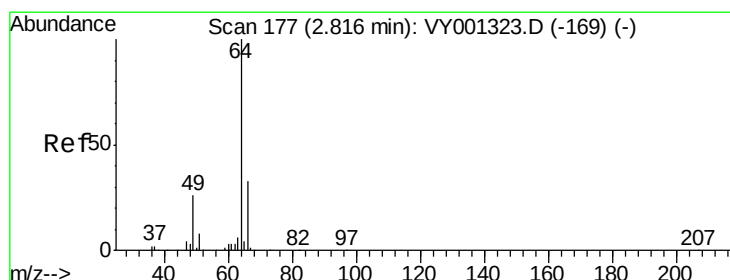
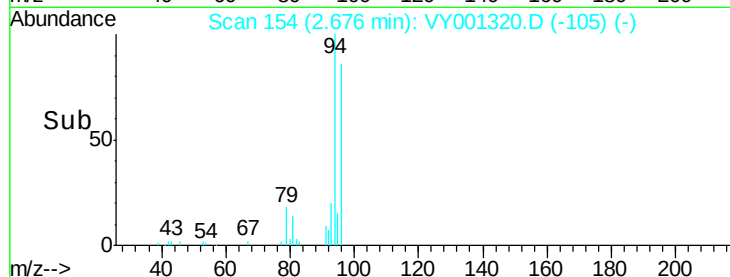
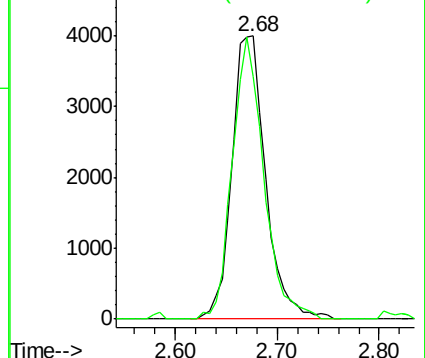
94 100

96 85.8 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.91 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001320.D

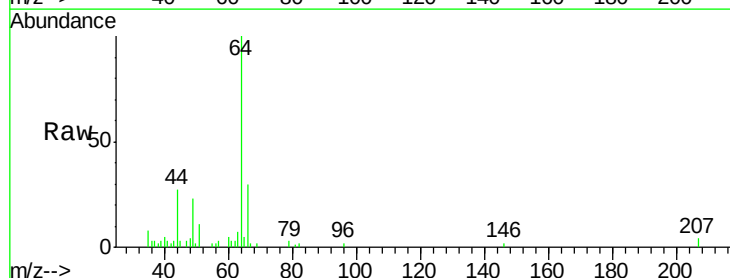
Acq: 21 Jan 2020 14:42

Tgt Ion: 64 Resp: 7558

Ion Ratio Lower Upper

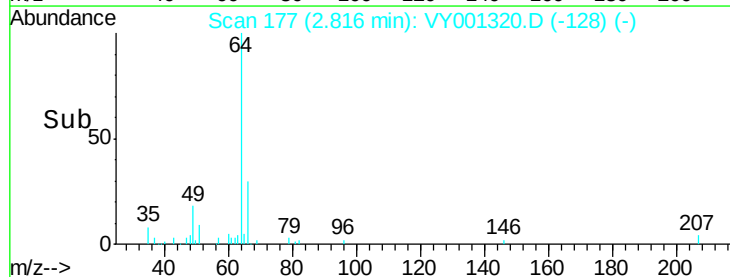
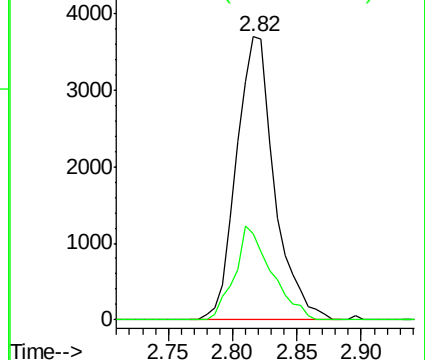
64 100

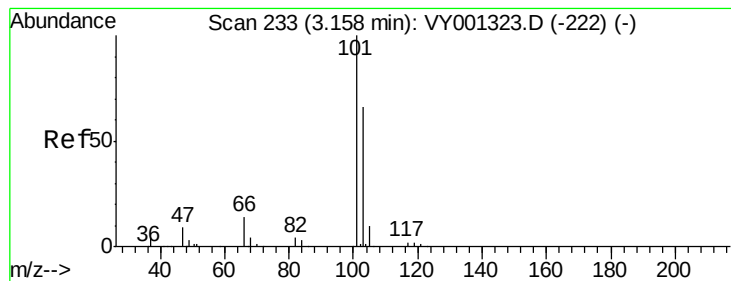
66 30.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



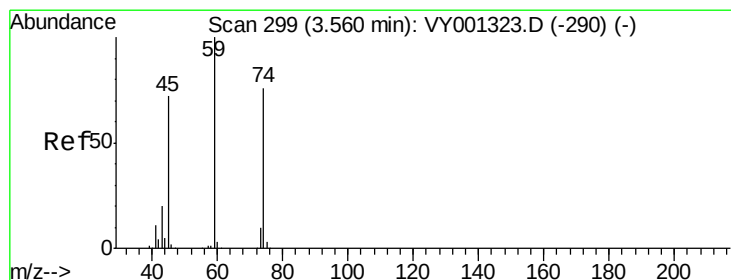
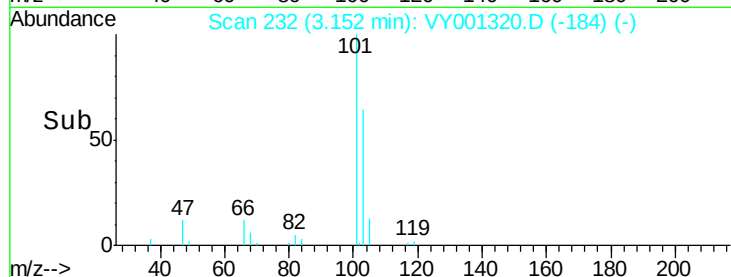
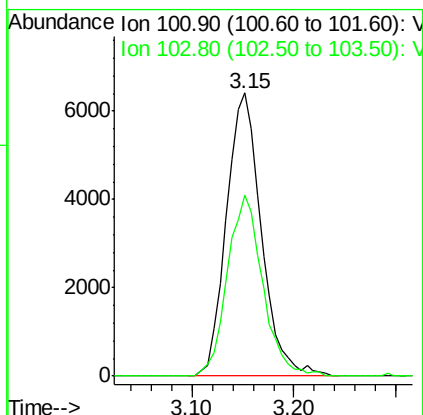
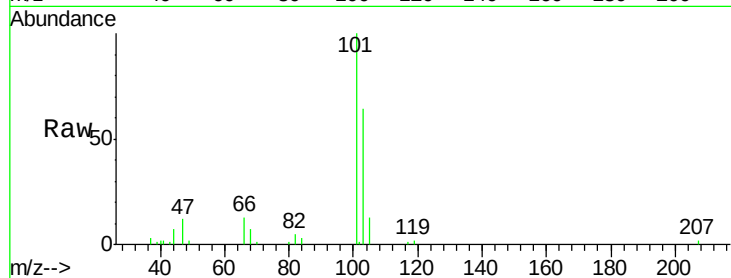


#7

Trichlorofluoromethane
 Concen: 5.07 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

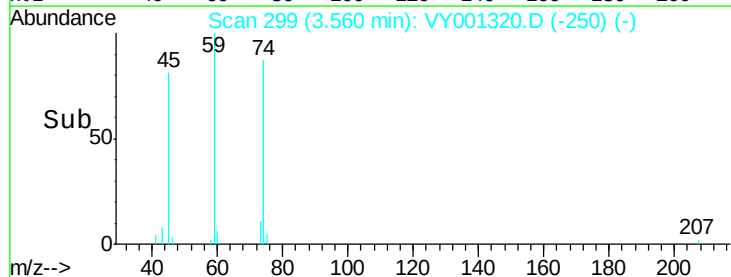
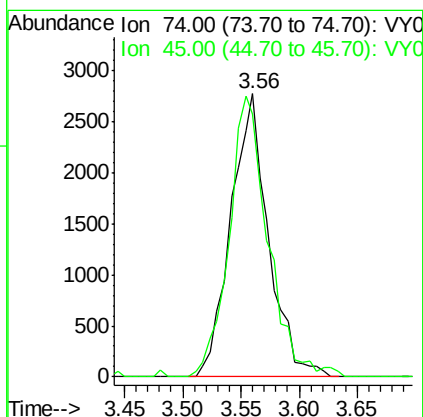
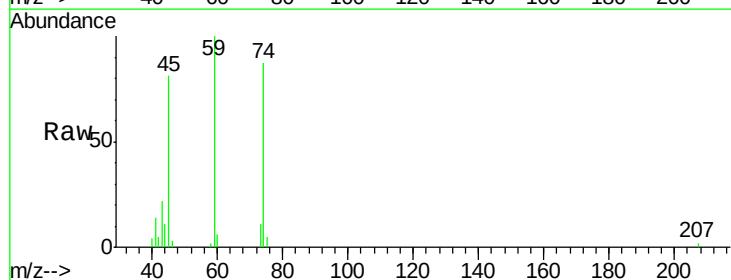
Tgt Ion:101 Resp: 15204
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.5 78.7

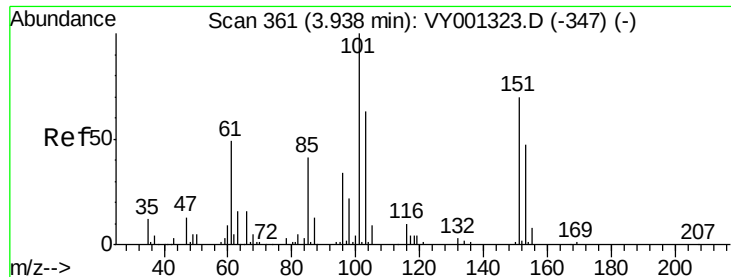


#8

Diethyl Ether
 Concen: 5.30 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. -0.00 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion: 74 Resp: 6217
 Ion Ratio Lower Upper
 74 100
 45 103.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.07 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

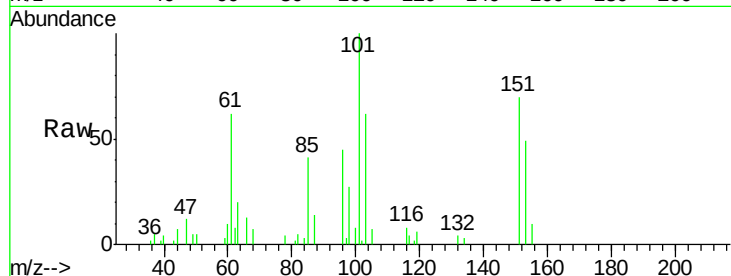
Tgt Ion:101 Resp: 9762

Ion Ratio Lower Upper

101 100

85 46.0 34.9 52.3

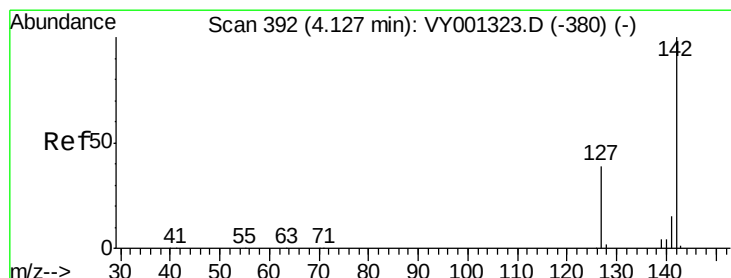
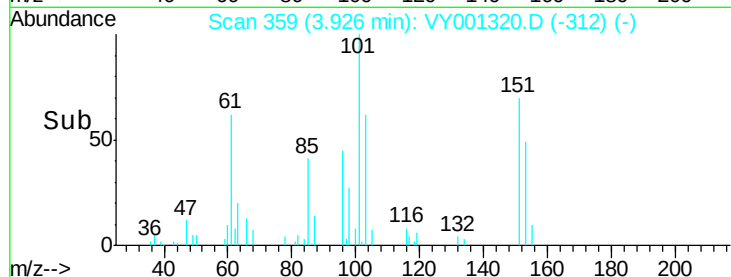
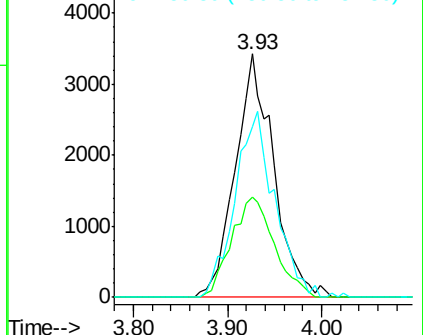
151 78.7 59.9 89.9



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: 4.14 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

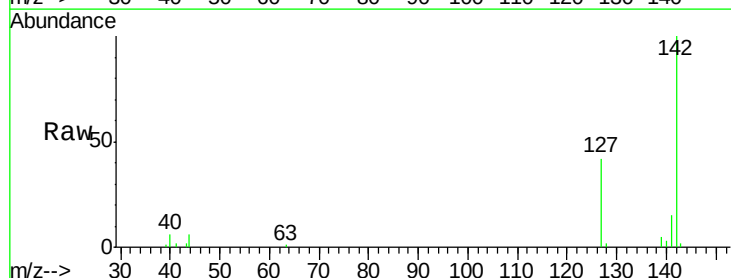
Tgt Ion:142 Resp: 10917

Ion Ratio Lower Upper

142 100

127 40.6 31.6 47.4

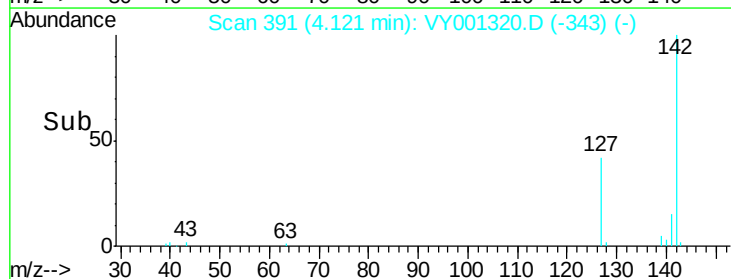
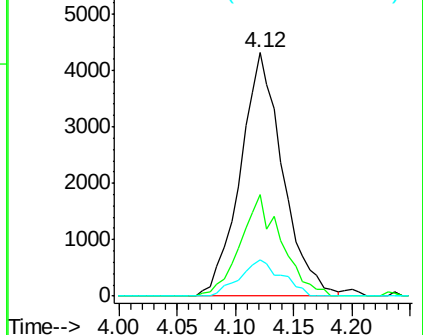
141 14.7 11.2 16.8

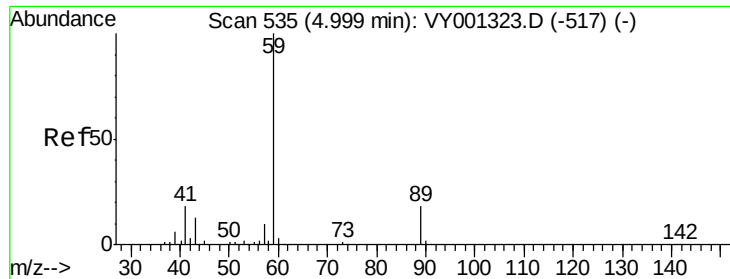


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

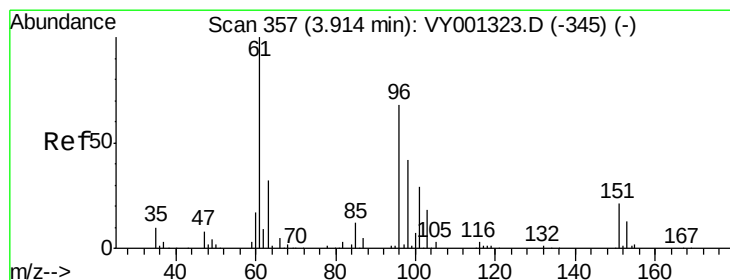
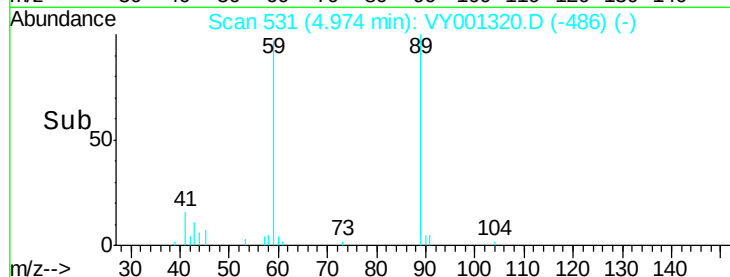
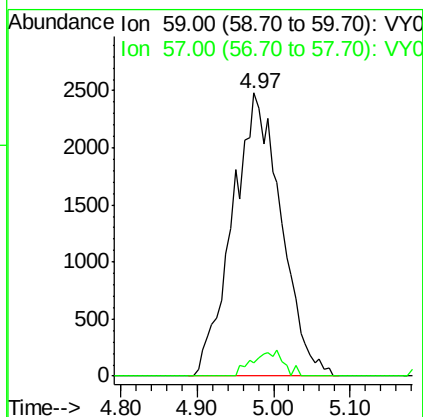
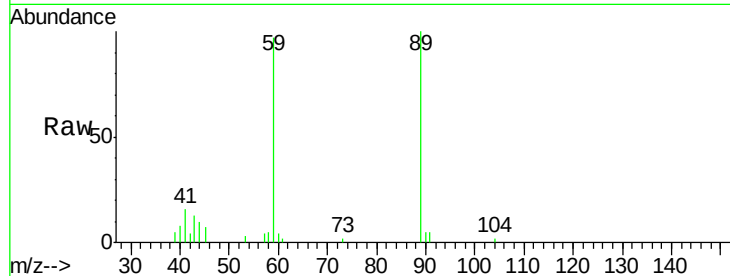




#11
Tert butyl alcohol
Concen: 50.94 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.02 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

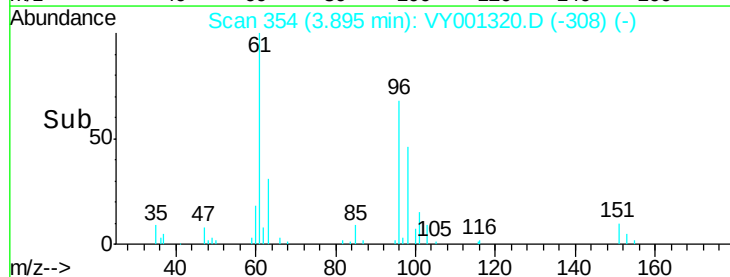
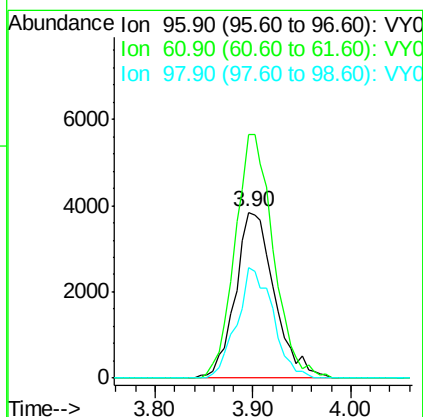
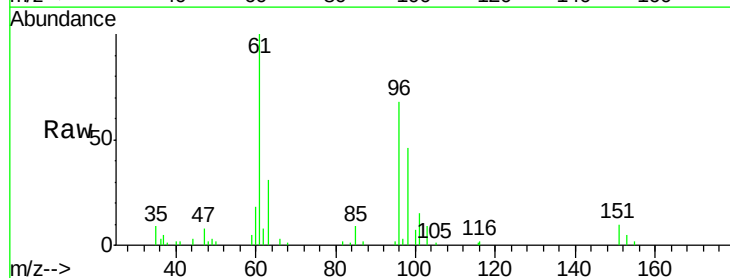
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

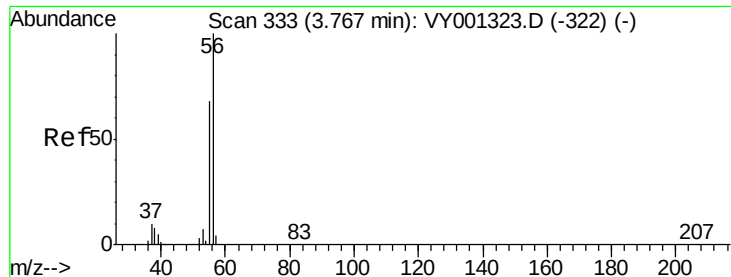
Tgt Ion: 59 Resp: 10952
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 5.38 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 96 Resp: 10614
Ion Ratio Lower Upper
96 100
61 146.8 118.0 177.0
98 67.0 49.4 74.2





#13

Acrolein

Concen: 27.71 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

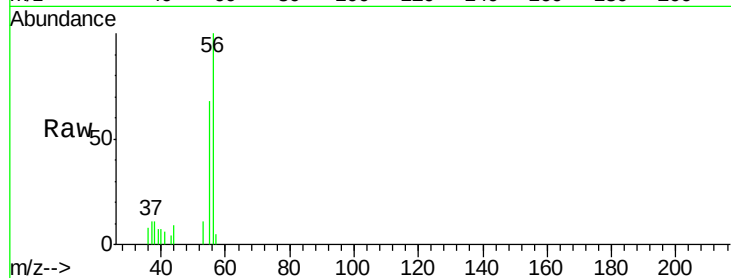
VSTDIC005

Tgt Ion: 56 Resp: 4919

Ion Ratio Lower Upper

56 100

55 73.5 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.77

2000

1500

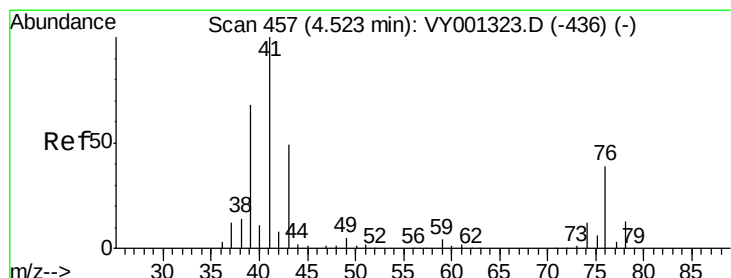
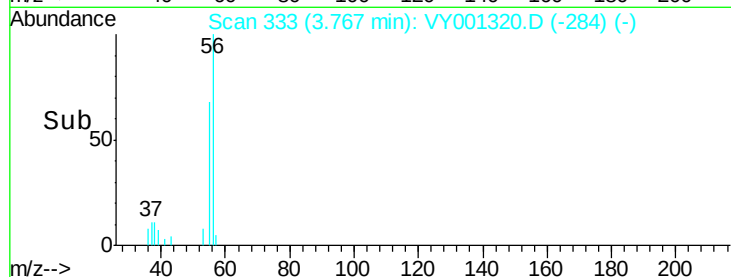
1000

500

0

Time-->

3.70 3.75 3.80 3.85



#14

Allyl chloride

Concen: 5.35 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

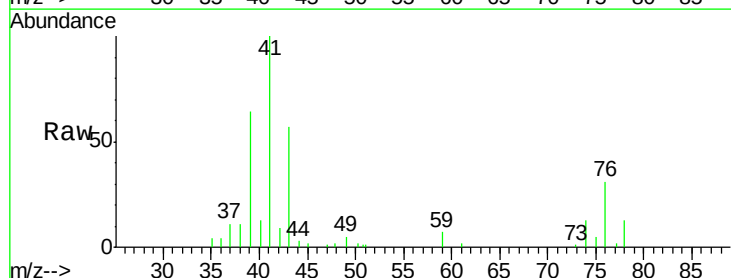
Tgt Ion: 41 Resp: 17987

Ion Ratio Lower Upper

41 100

39 66.0 52.2 78.4

76 34.5 29.1 43.7



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

4.51

6000

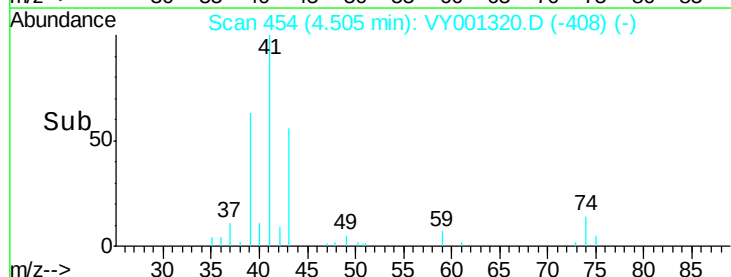
4000

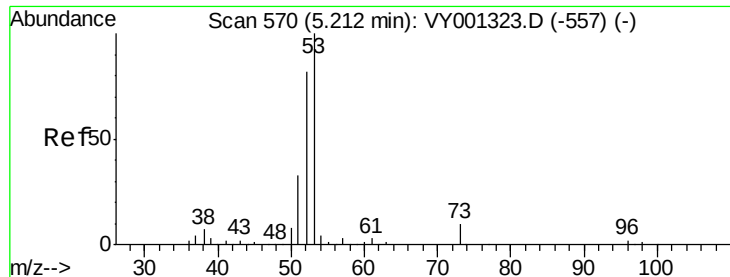
2000

0

Time-->

4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 26.33 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

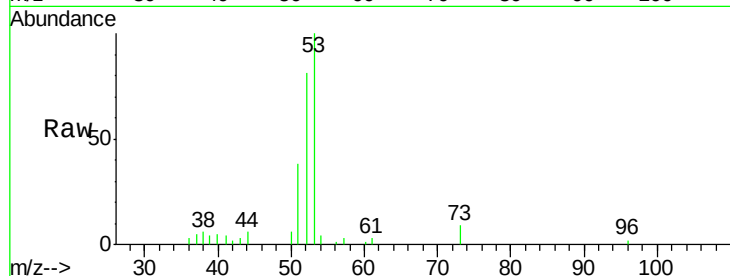
Tgt Ion: 53 Resp: 15604

Ion Ratio Lower Upper

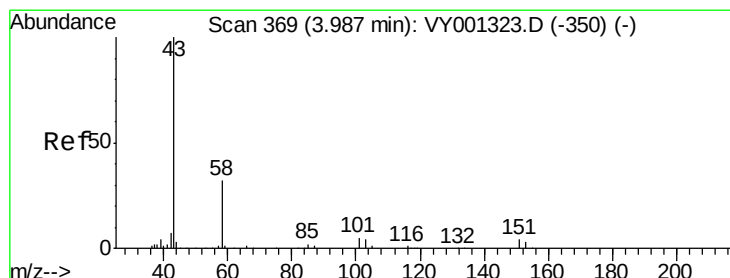
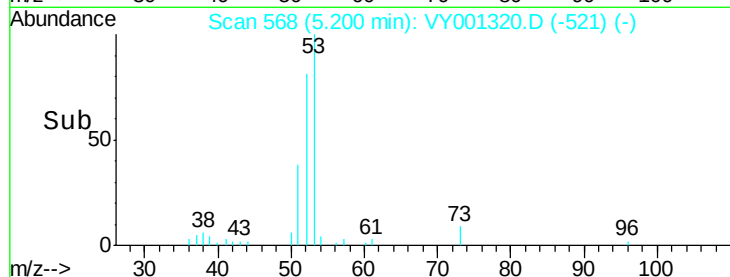
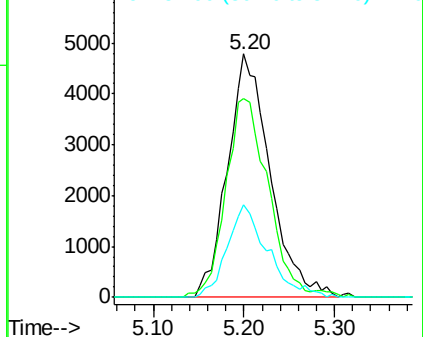
53 100

52 80.5 65.3 97.9

51 36.2 28.4 42.6



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: 38.14 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001320.D

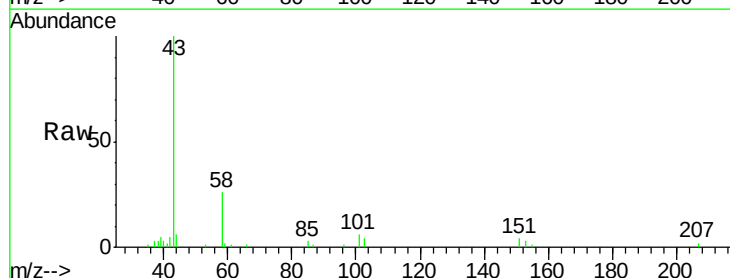
Acq: 21 Jan 2020 14:42

Tgt Ion: 43 Resp: 18730

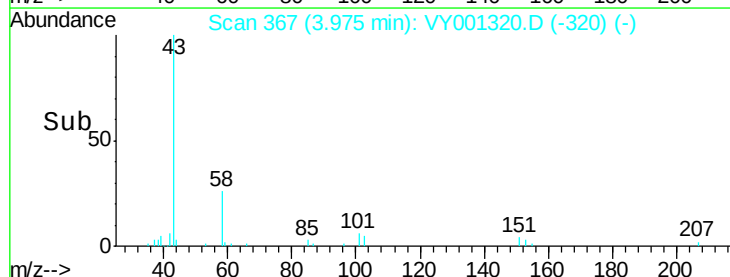
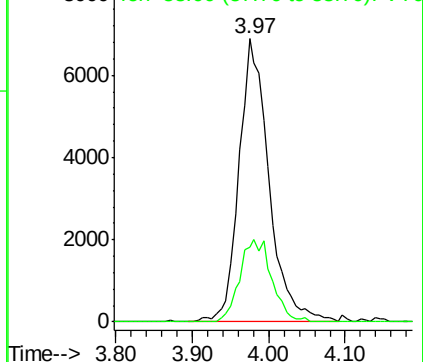
Ion Ratio Lower Upper

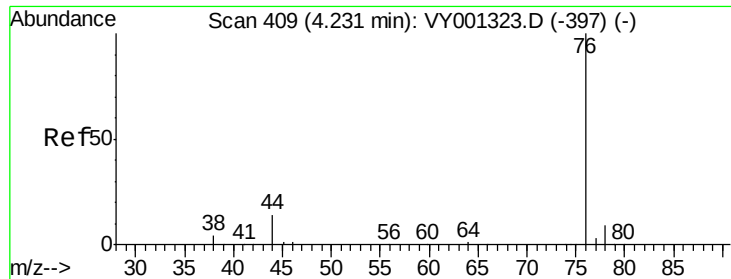
43 100

58 26.2 25.4 38.0



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

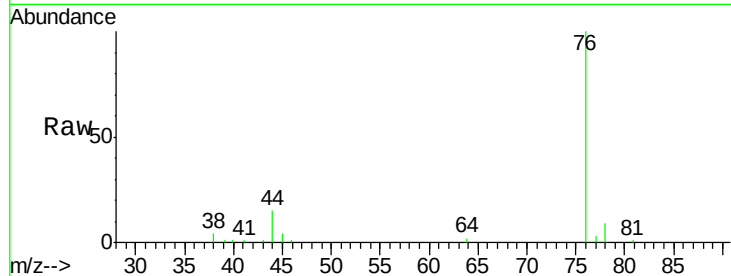




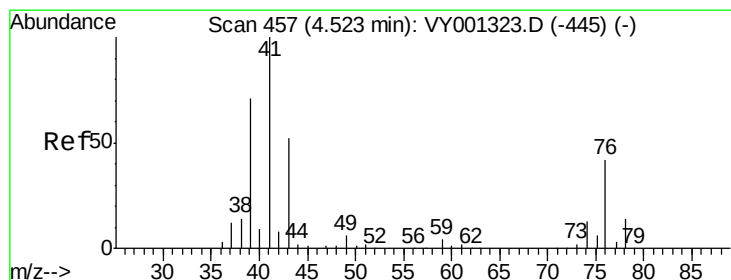
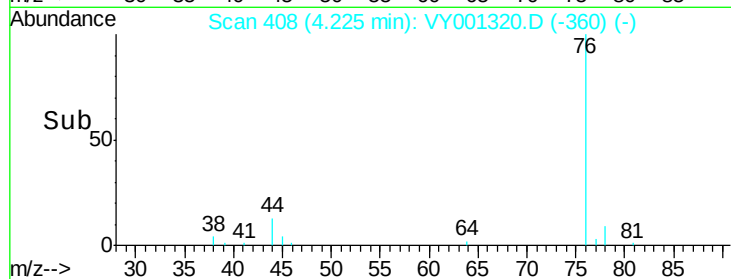
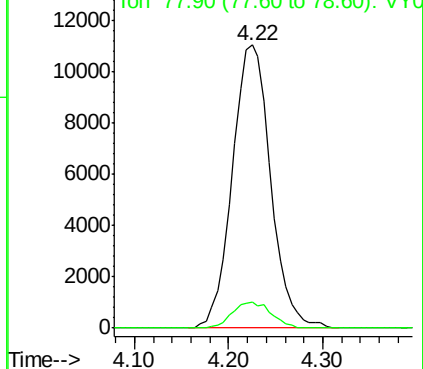
#17
Carbon Disulfide
Concen: 4.95 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 31358
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

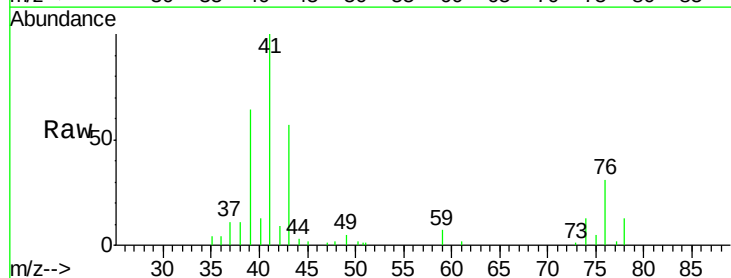


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

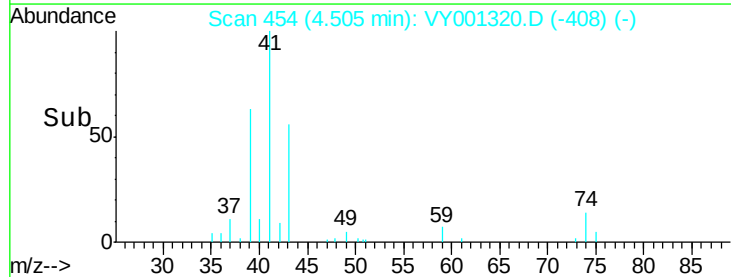
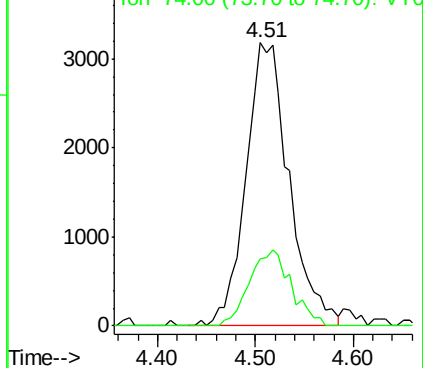


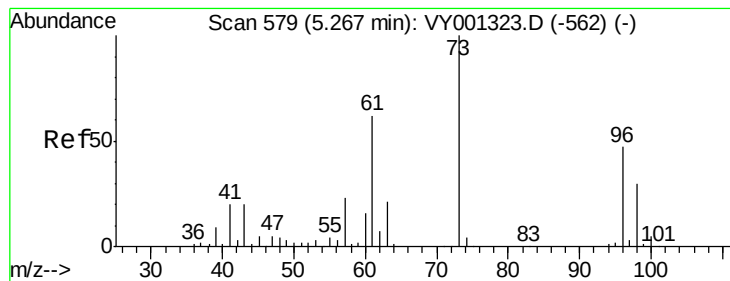
#18
Methyl Acetate
Concen: 6.18 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 43 Resp: 9794
Ion Ratio Lower Upper
43 100
74 26.0 19.4 29.2



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: 5.15 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

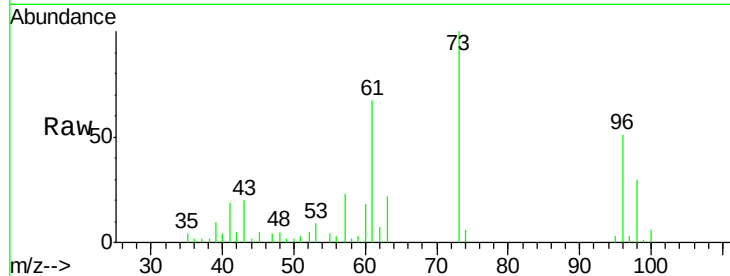
VSTDIC005

Tgt Ion: 73 Resp: 28322

Ion Ratio Lower Upper

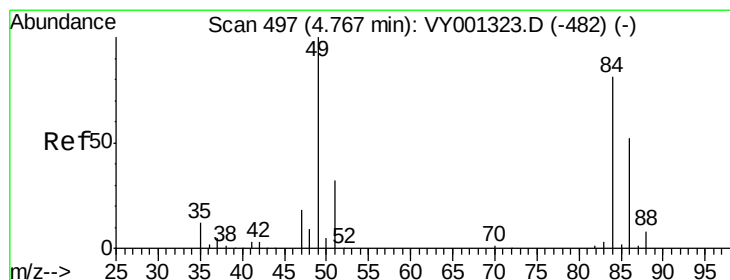
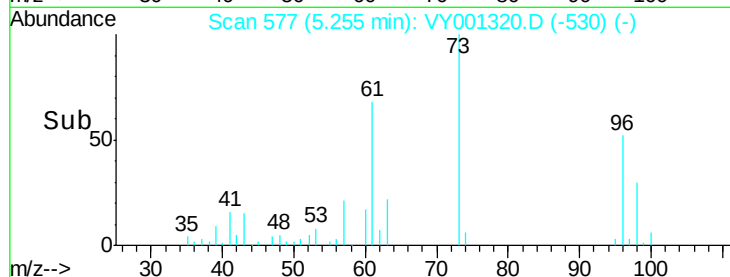
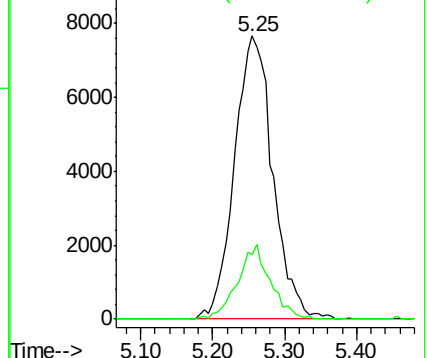
73 100

57 22.9 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#20

Methylene Chloride

Concen: 9.41 ug/l

RT: 4.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Tgt Ion: 84 Resp: 25151

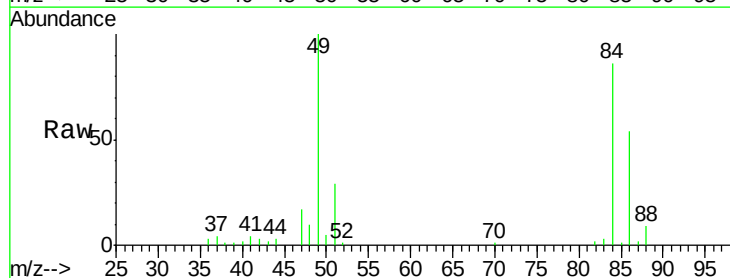
Ion Ratio Lower Upper

84 100

49 116.1 98.3 147.5

51 33.9 31.6 47.4

86 63.0 51.1 76.7

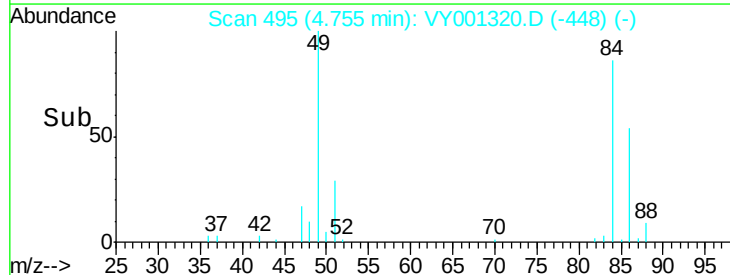
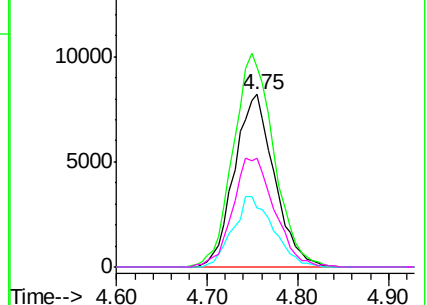


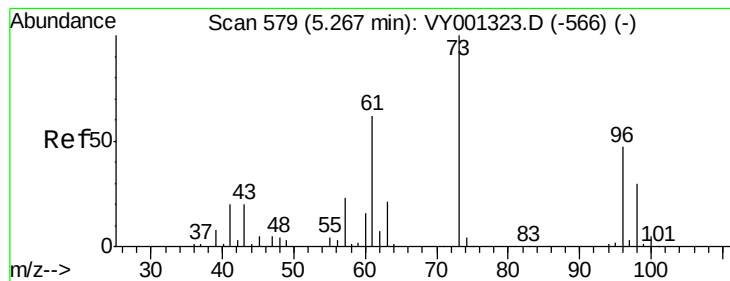
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 5.32 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

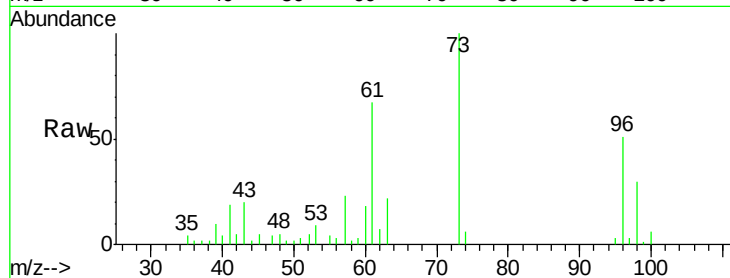
Tgt Ion: 96 Resp: 11922

Ion Ratio Lower Upper

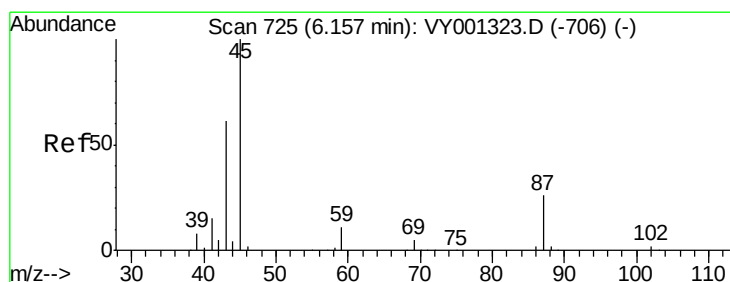
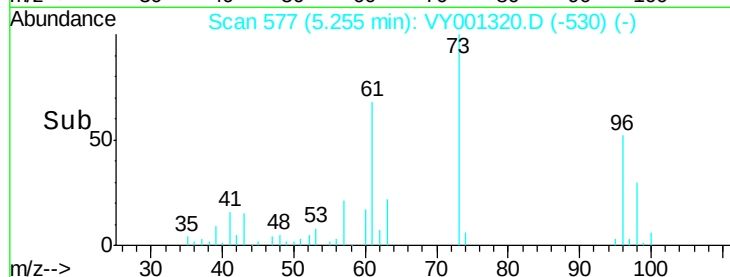
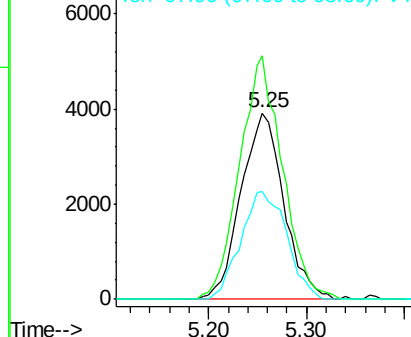
96 100

61 130.6 106.8 160.2

98 58.1 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



#22

Diisopropyl ether

Concen: 5.26 ug/l

RT: 6.16 min Scan# 725

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Tgt Ion: 45 Resp: 36228

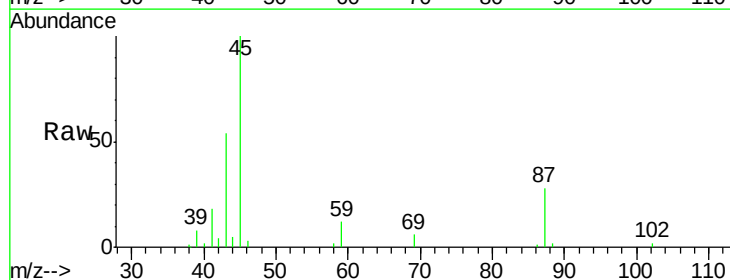
Ion Ratio Lower Upper

45 100

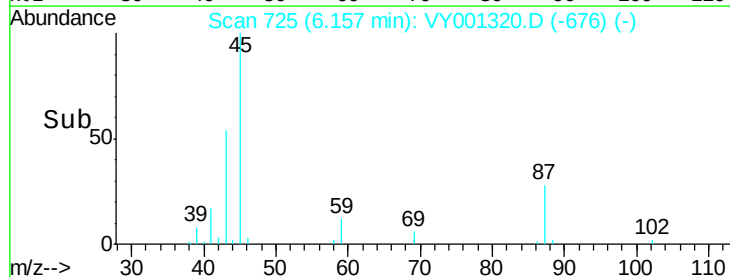
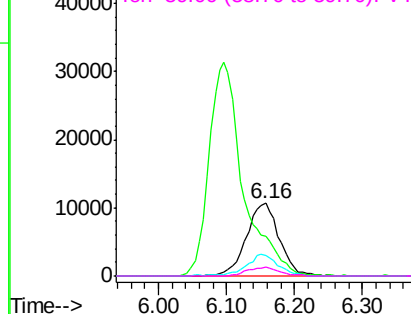
43 53.5 49.2 73.8

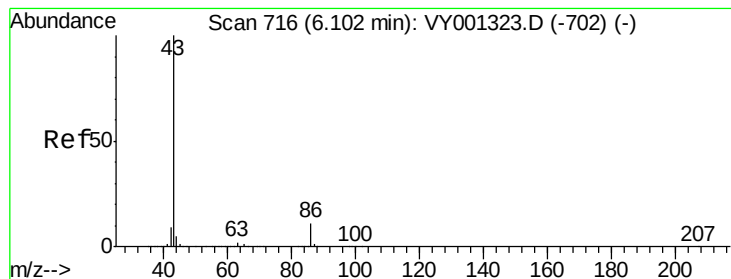
87 28.1 21.4 32.2

59 12.4 9.3 13.9



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: 24.69 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

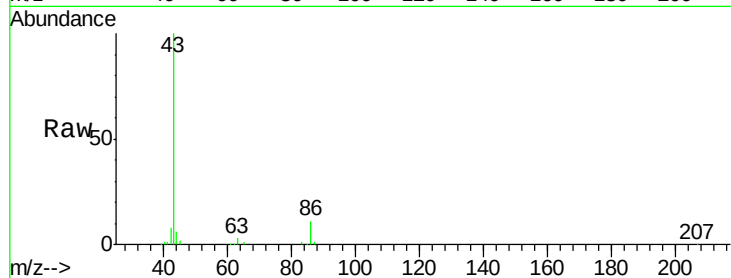
VSTDIC005

Tgt Ion: 43 Resp: 109189

Ion Ratio Lower Upper

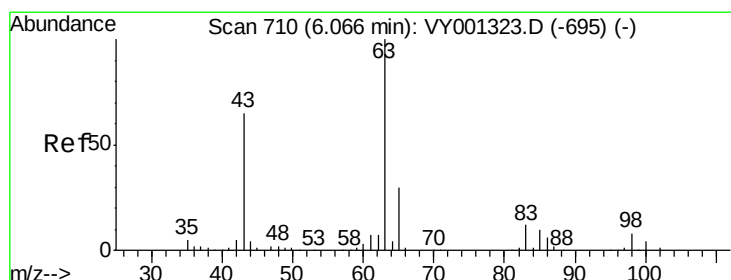
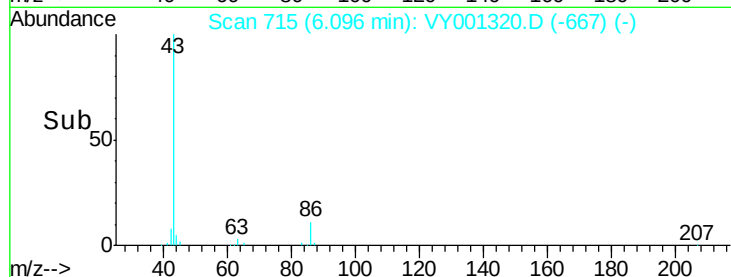
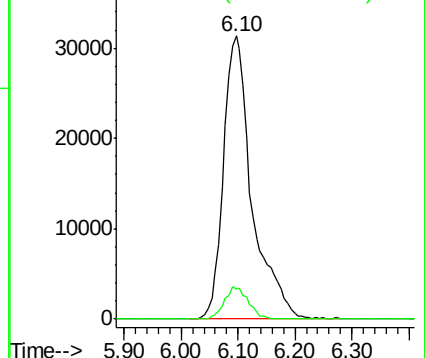
43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 5.29 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

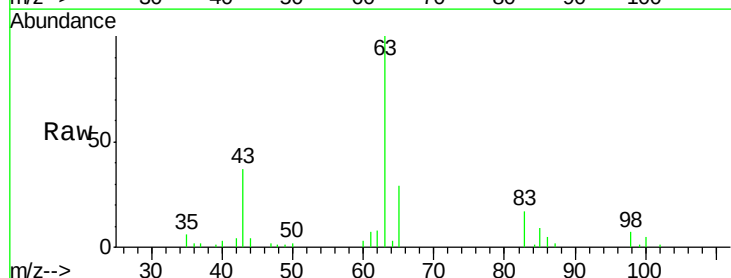
Tgt Ion: 63 Resp: 19881

Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.0

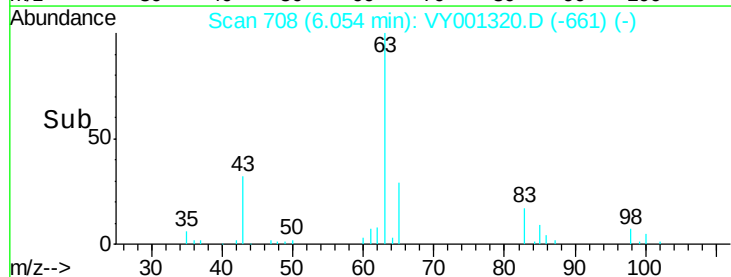
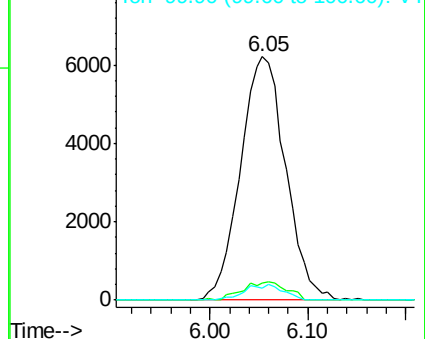
100 4.9 2.1 6.3

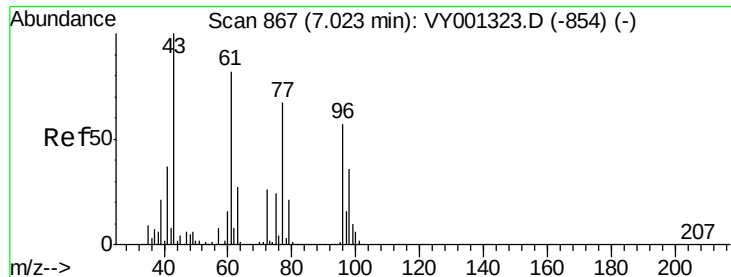


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 30.05 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

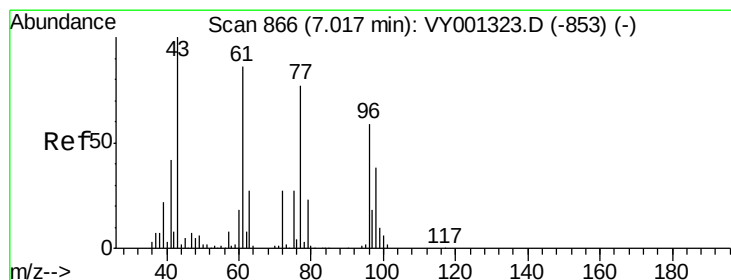
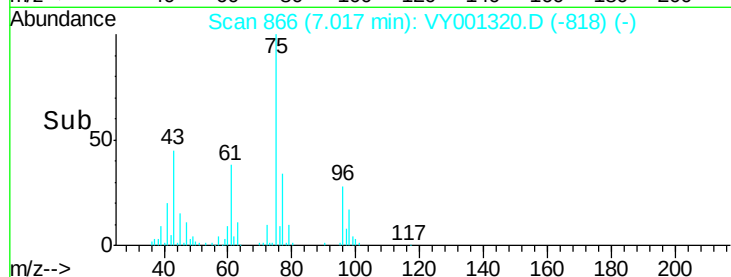
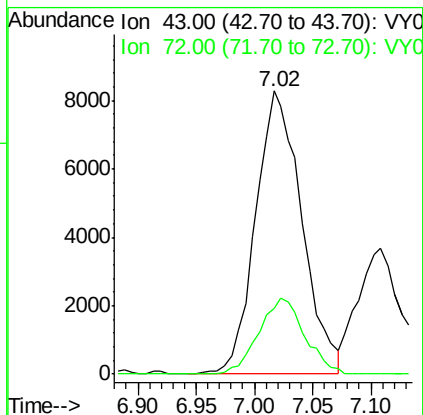
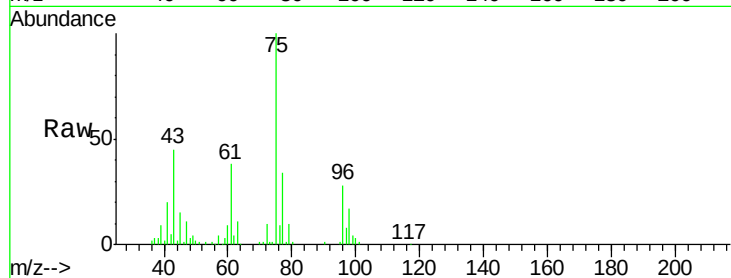
VSTDIC005

Tgt Ion: 43 Resp: 22820

Ion Ratio Lower Upper

43 100

72 23.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 5.73 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001320.D

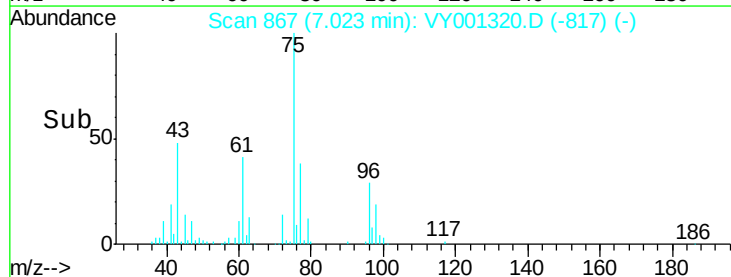
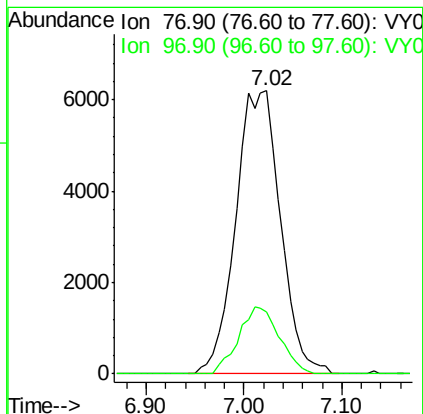
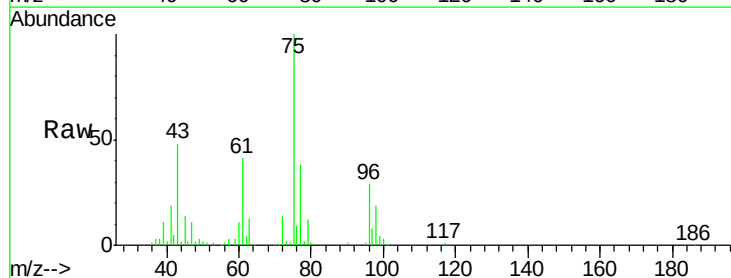
Acq: 21 Jan 2020 14:42

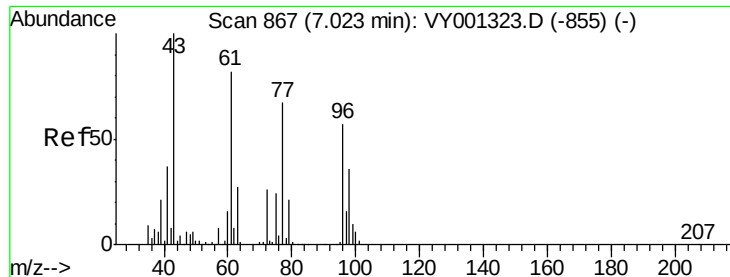
Tgt Ion: 77 Resp: 19665

Ion Ratio Lower Upper

77 100

97 21.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 5.32 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

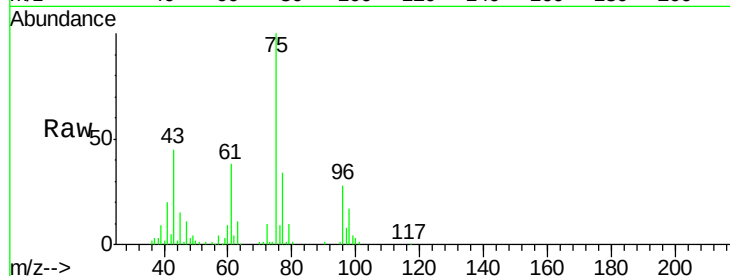
Tgt Ion: 96 Resp: 13090

Ion Ratio Lower Upper

96 100

61 149.4 0.0 284.8

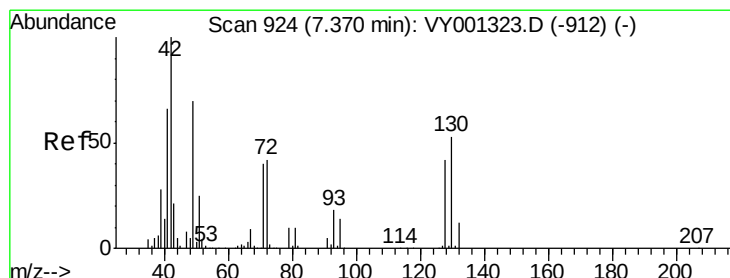
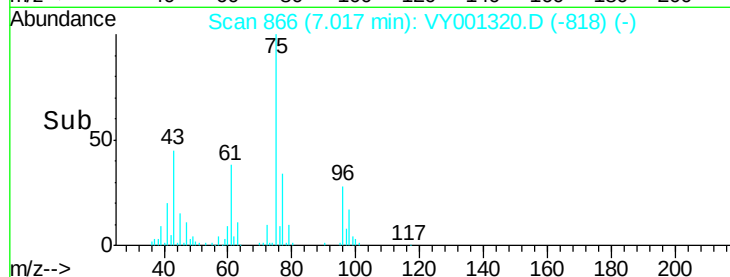
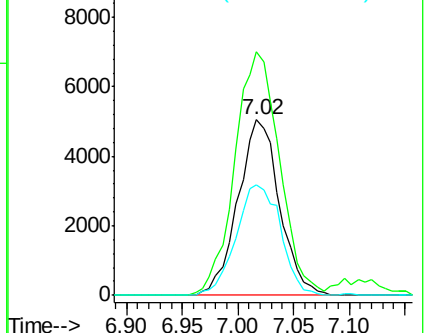
98 67.5 0.0 128.4



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



#28

Bromochloromethane

Concen: 4.82 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

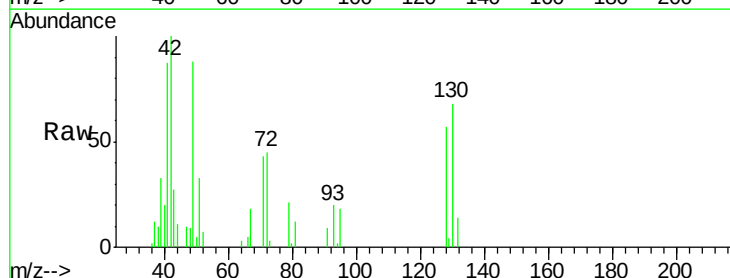
Tgt Ion: 49 Resp: 7372

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

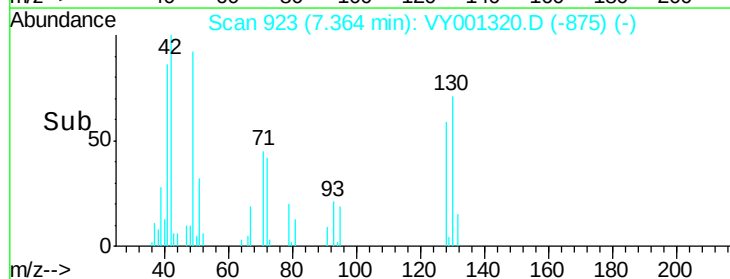
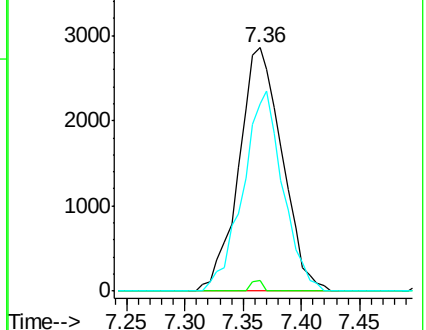
130 75.8 58.9 88.3

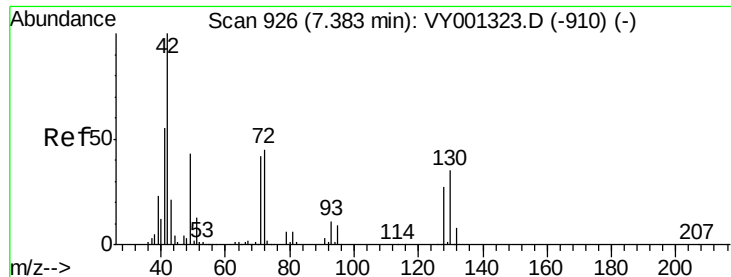


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

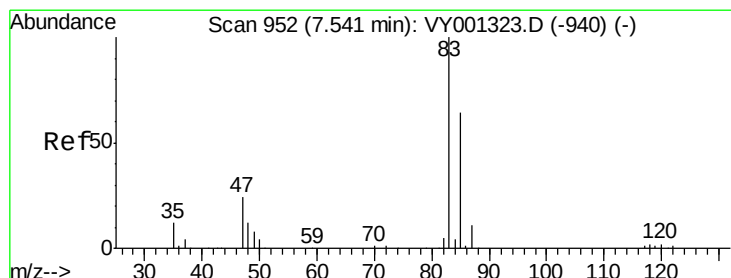
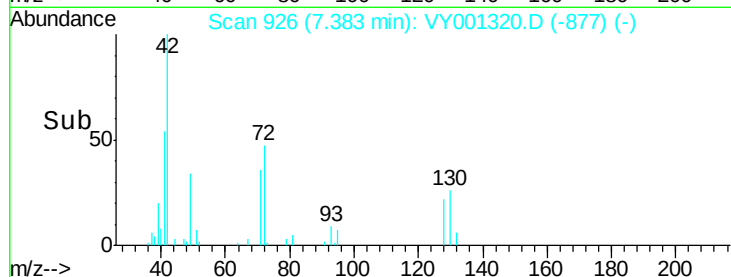
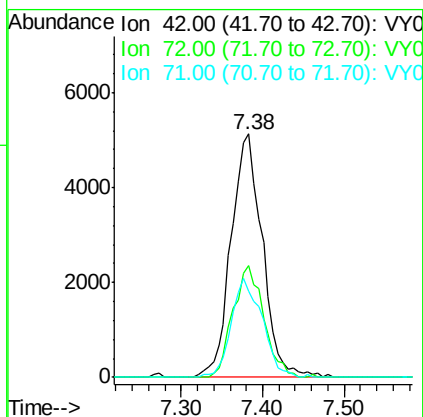
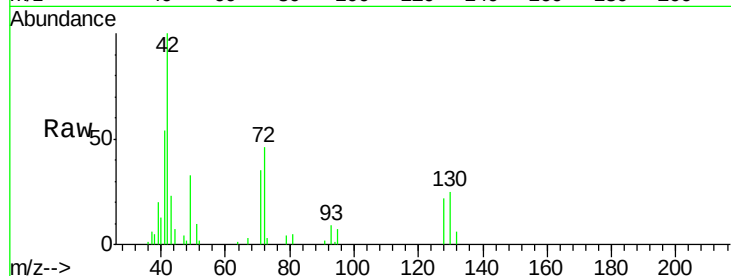




#29
Tetrahydrofuran
Concen: 26.45 ug/l
RT: 7.38 min Scan# 926
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

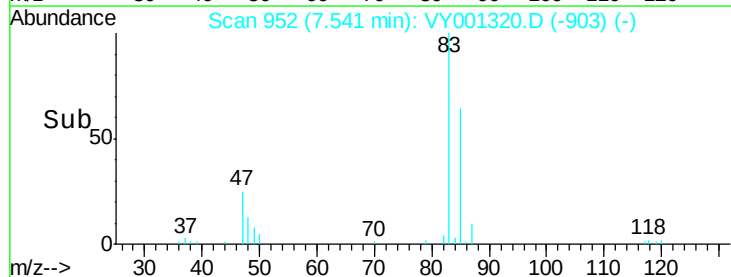
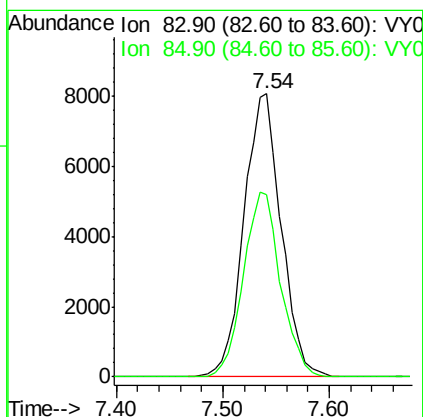
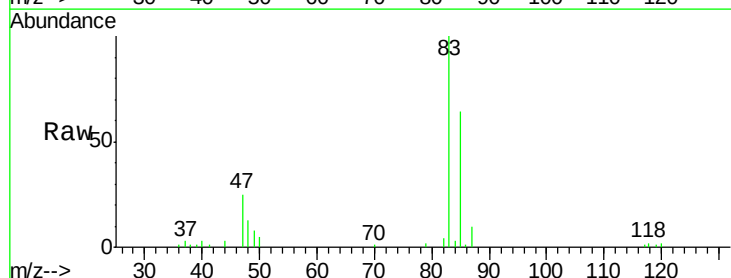
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

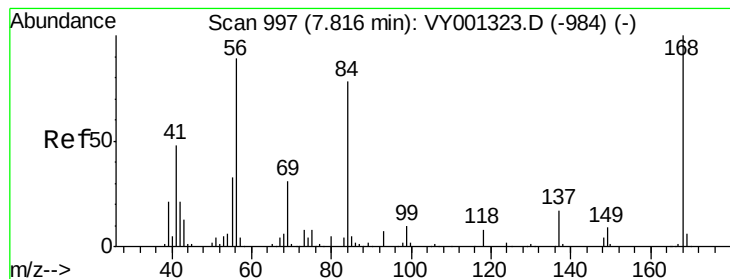
Tgt Ion: 42 Resp: 13634
Ion Ratio Lower Upper
42 100
72 44.9 34.6 51.8
71 40.0 32.6 48.8



#30
Chloroform
Concen: 5.40 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 83 Resp: 19787
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 5.75 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

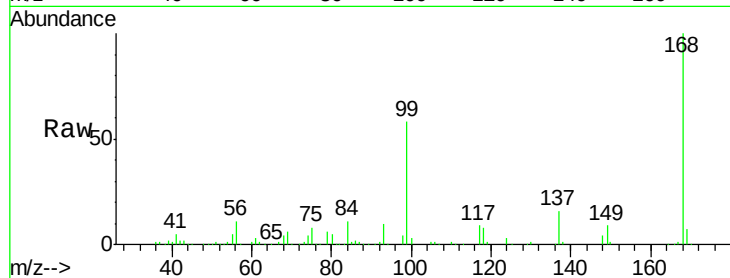
Tgt Ion: 56 Resp: 22585

Ion Ratio Lower Upper

56 100

69 55.3 27.6 41.4#

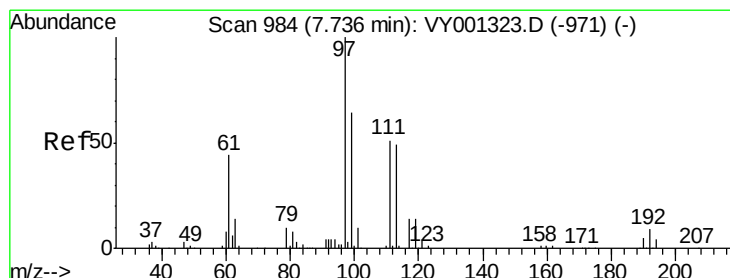
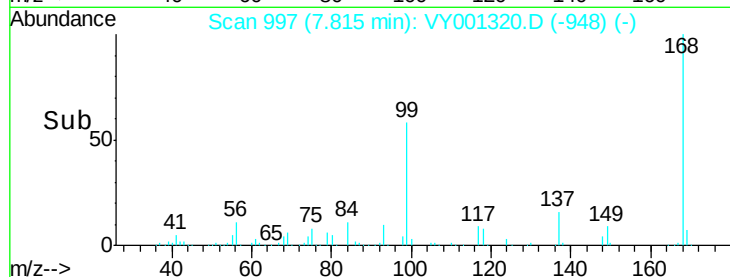
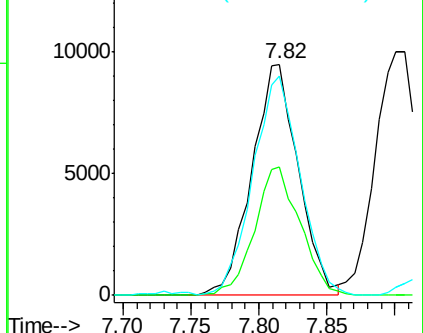
84 93.4 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VY001320.D (-948) (-)

Ion 69.00 (68.70 to 69.70): VY001320.D (-948) (-)

Ion 84.00 (83.70 to 84.70): VY001320.D (-948) (-)



#32

1,1,1-Trichloroethane

Concen: 5.14 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

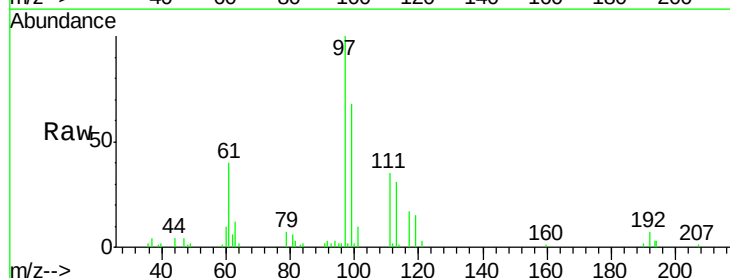
Tgt Ion: 97 Resp: 16635

Ion Ratio Lower Upper

97 100

99 65.5 51.3 76.9

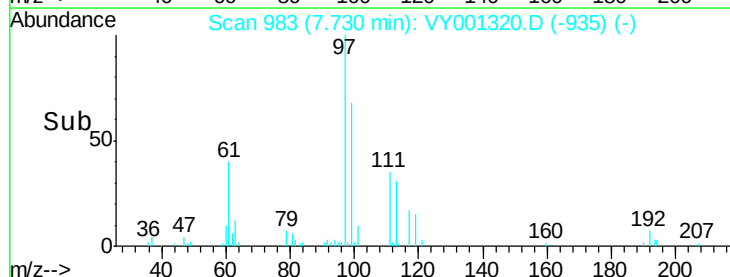
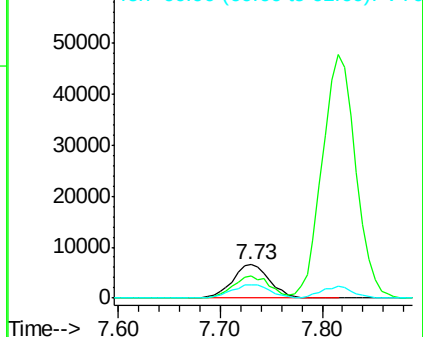
61 42.5 35.9 53.9

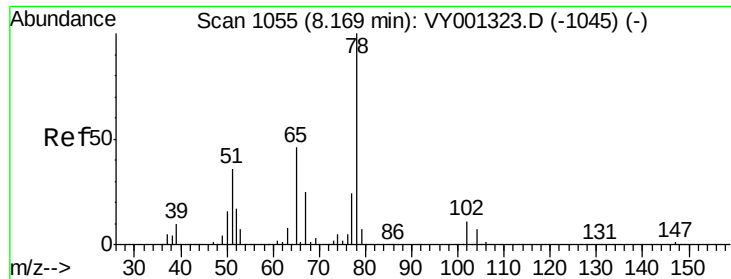


Abundance Ion 96.90 (96.60 to 97.60): VY001320.D (-935) (-)

Ion 98.90 (98.60 to 99.60): VY001320.D (-935) (-)

Ion 60.90 (60.60 to 61.60): VY001320.D (-935) (-)

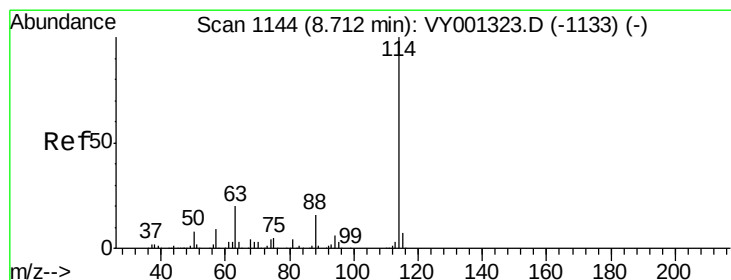
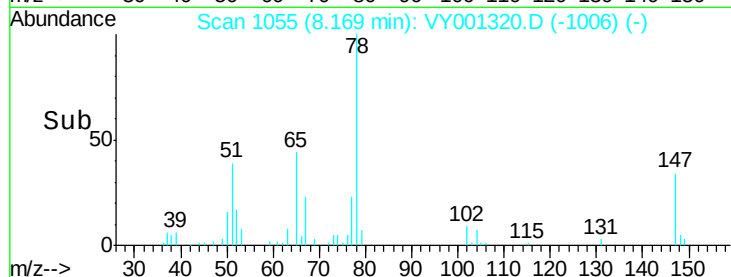
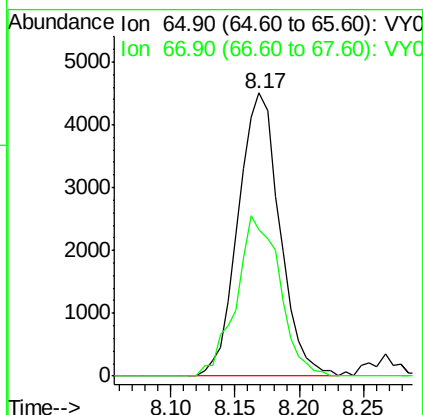
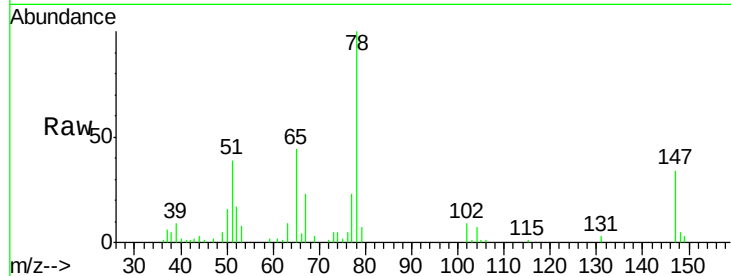




#33
 1,2-Dichloroethane-d4
 Concen: 4.95 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

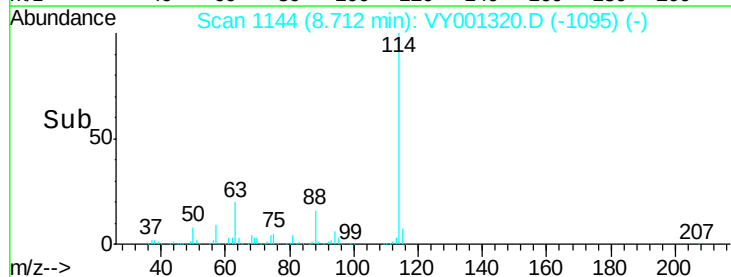
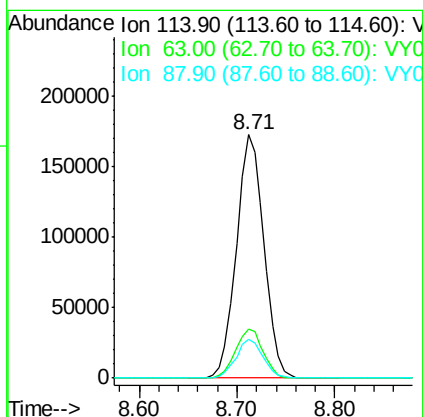
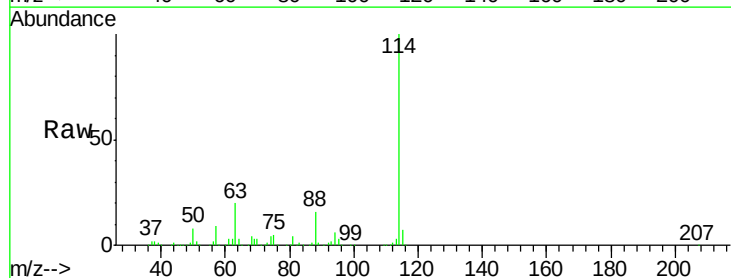
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

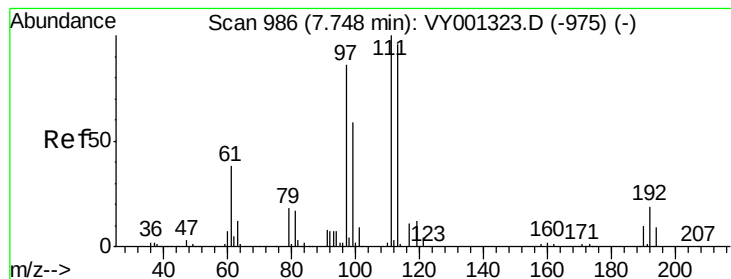
Tgt Ion: 65 Resp: 10063
 Ion Ratio Lower Upper
 65 100
 67 59.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion: 114 Resp: 335620
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 4.81 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

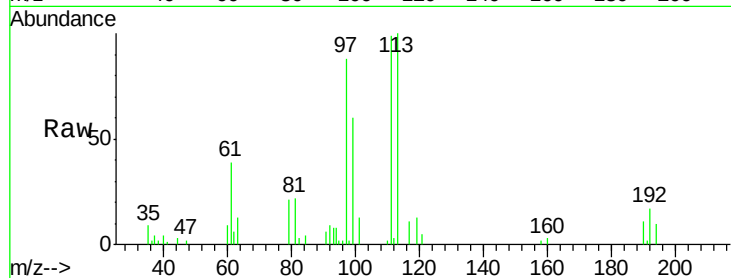
Tgt Ion: 113 Resp: 9471

Ion Ratio Lower Upper

113 100

111 105.4 82.8 124.2

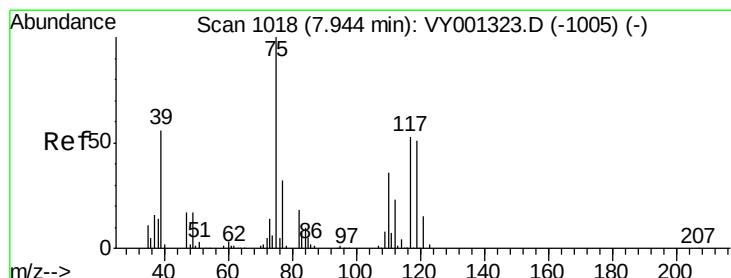
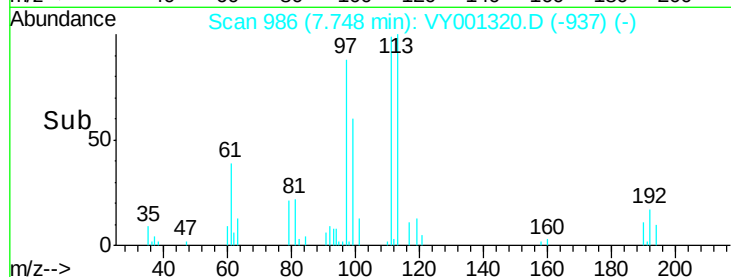
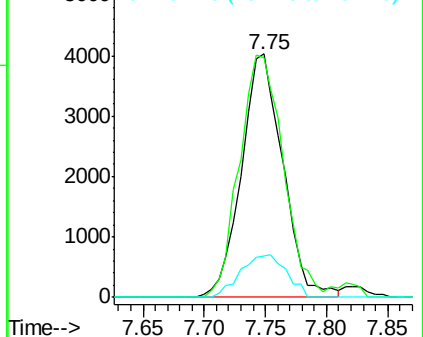
192 19.3 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.26 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

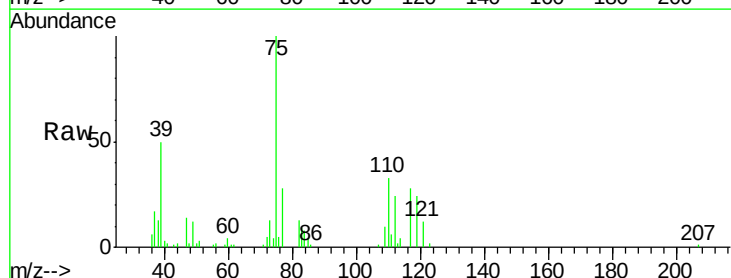
Tgt Ion: 75 Resp: 16164

Ion Ratio Lower Upper

75 100

110 34.3 17.6 52.8

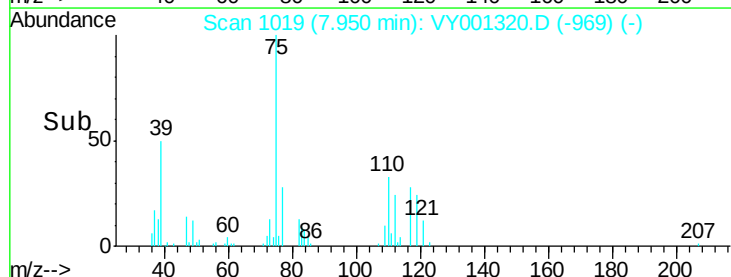
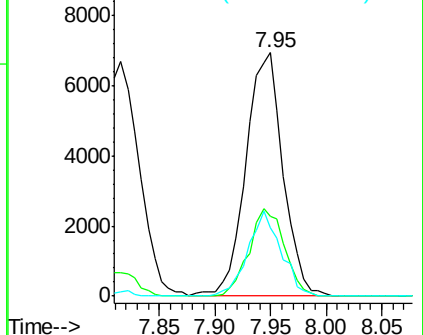
77 31.2 24.7 37.1

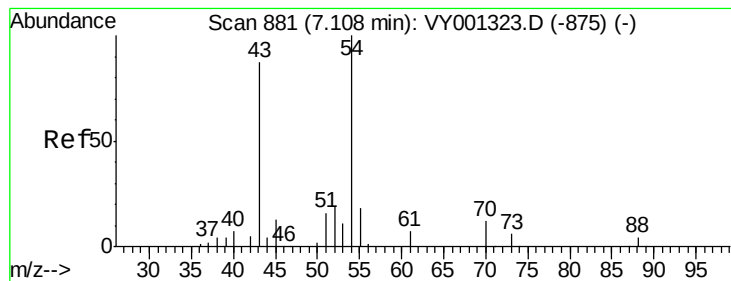


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 4.81 ug/l

RT: 7.11 min Scan# 881

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

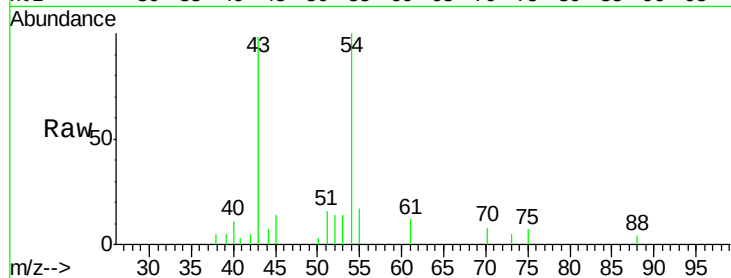
Tgt Ion: 43 Resp: 8778

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

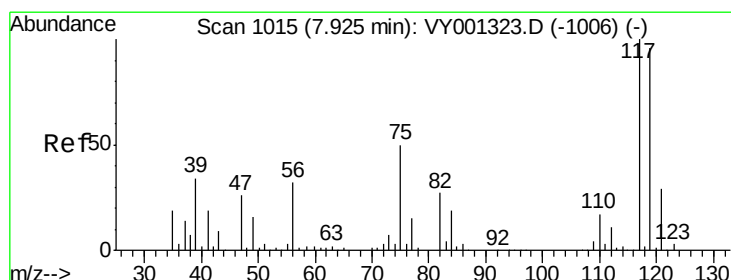
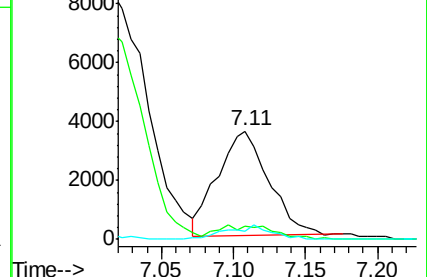
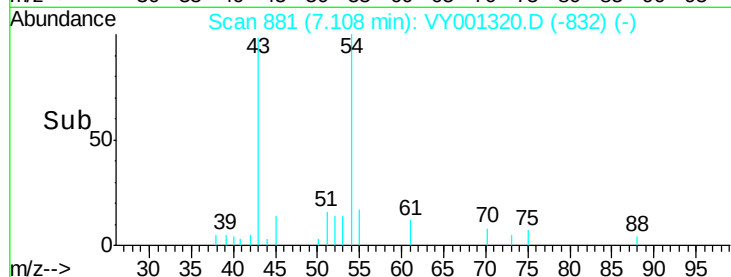
70 12.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY001320.D (-875) (-)

Ion 60.90 (60.60 to 61.60): VY001320.D (-875) (-)

Ion 70.00 (69.70 to 70.70): VY001320.D (-875) (-)



#38

Carbon Tetrachloride

Concen: 5.15 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

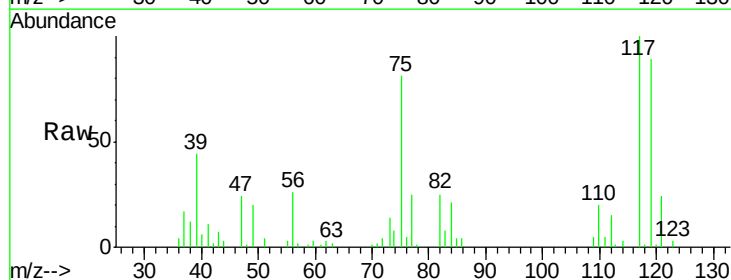
Tgt Ion: 117 Resp: 14442

Ion Ratio Lower Upper

117 100

119 89.0 76.3 114.5

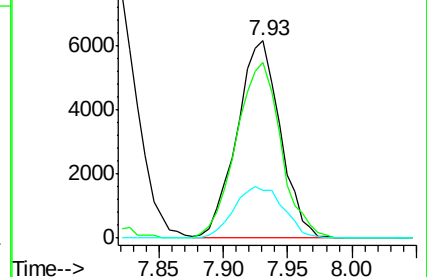
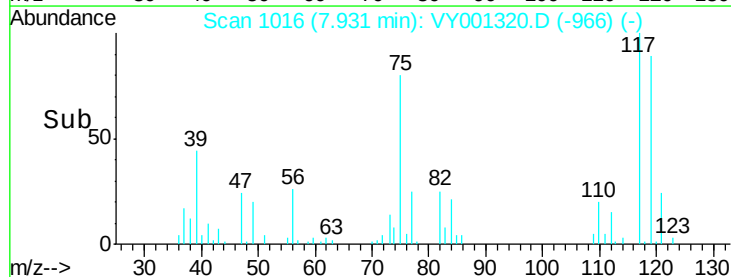
121 24.4 23.5 35.3

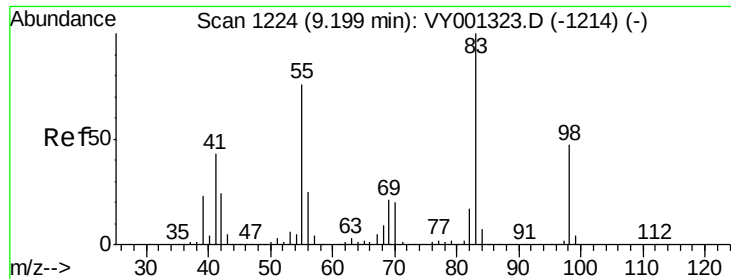


Abundance Ion 116.80 (116.50 to 117.50): VY001320.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001320.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001320.D (-966) (-)

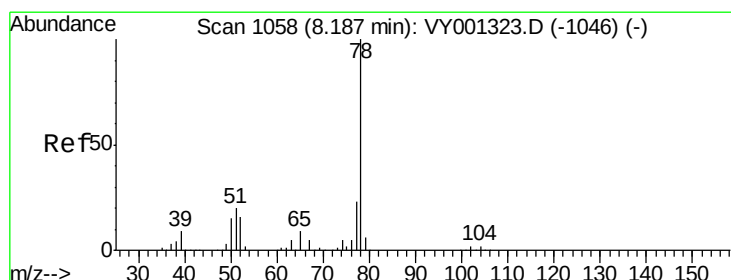
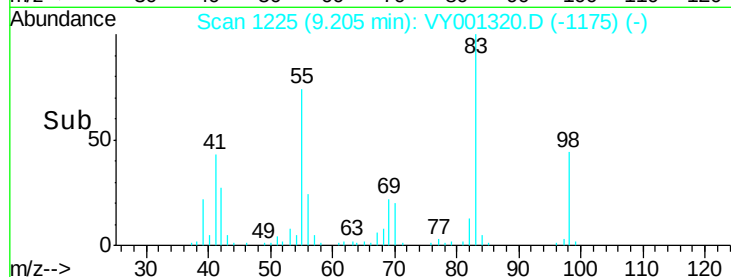
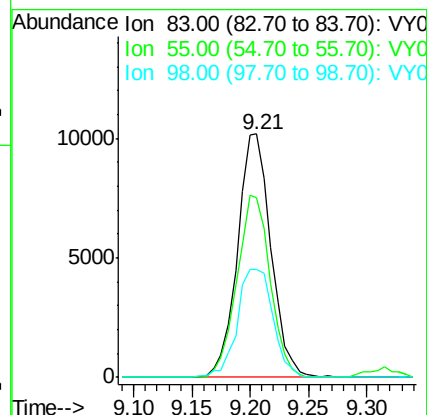
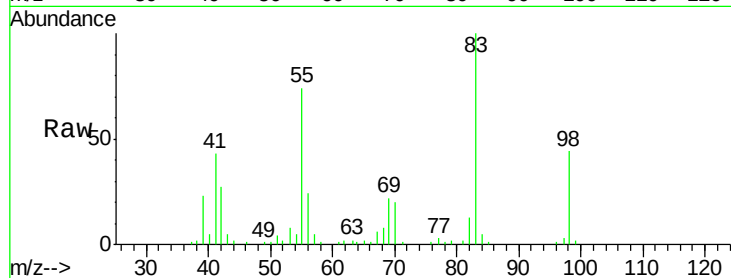




#39
Methylcyclohexane
Concen: 4.92 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

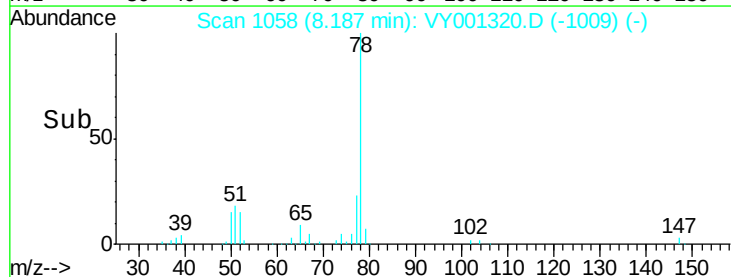
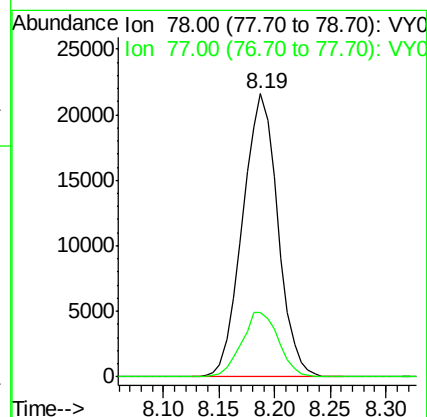
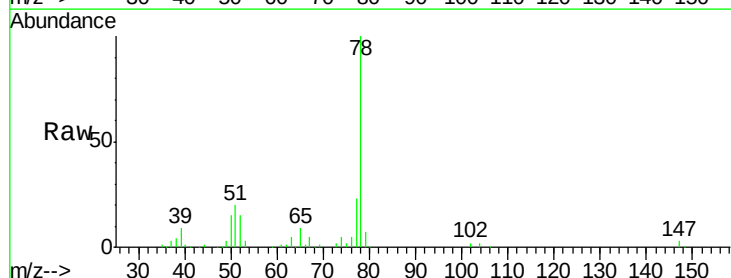
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

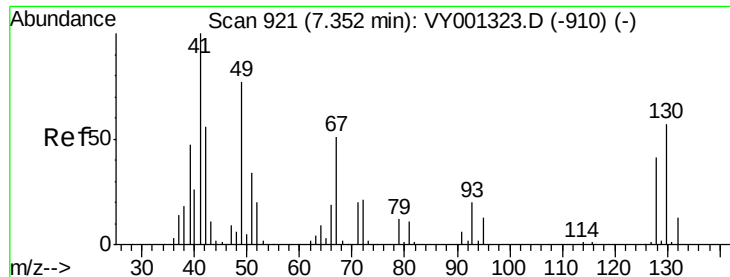
Tgt Ion: 83 Resp: 20344
Ion Ratio Lower Upper
83 100
55 73.8 60.7 91.1
98 44.1 37.8 56.8



#40
Benzene
Concen: 5.28 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 78 Resp: 47594
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8

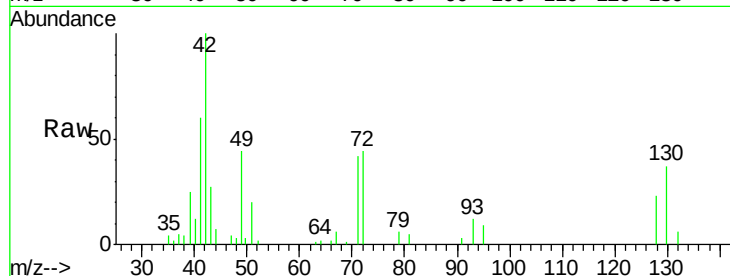




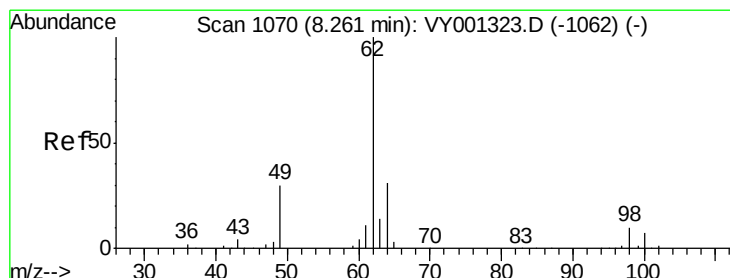
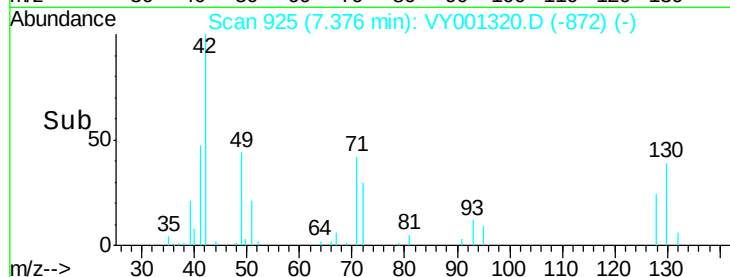
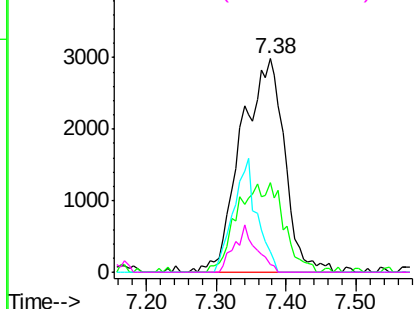
#41
Methacrylonitrile
Concen: 14.99 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	12894
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

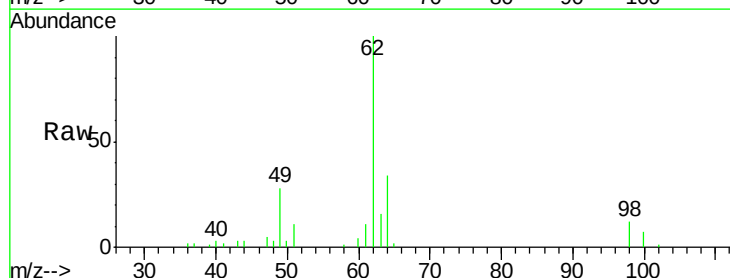


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

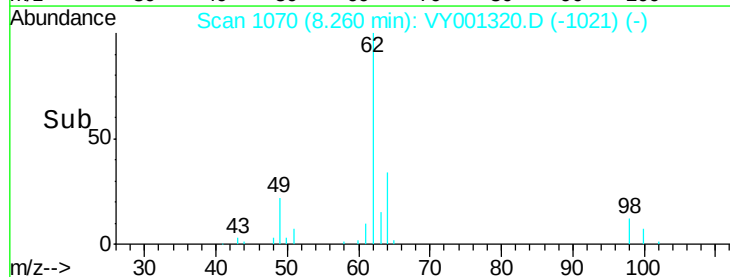
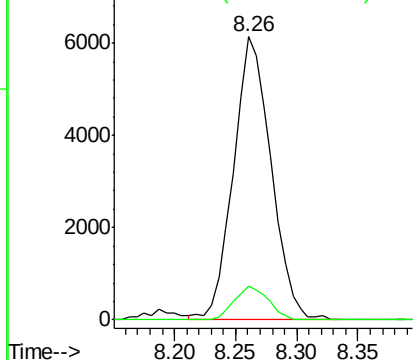


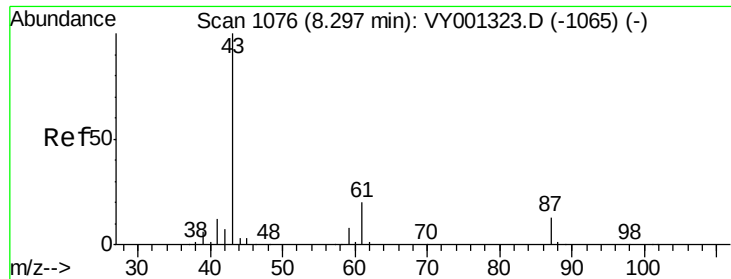
#42
1,2-Dichloroethane
Concen: 5.19 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion:	62	Resp:	13104
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 4.93 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

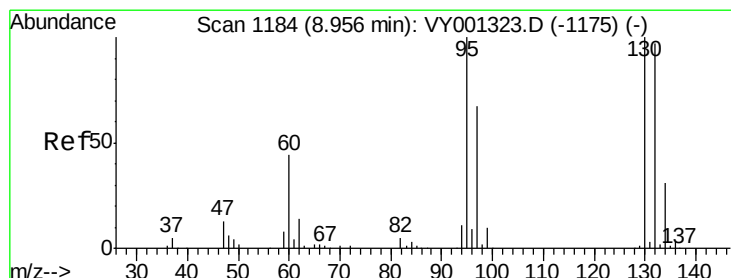
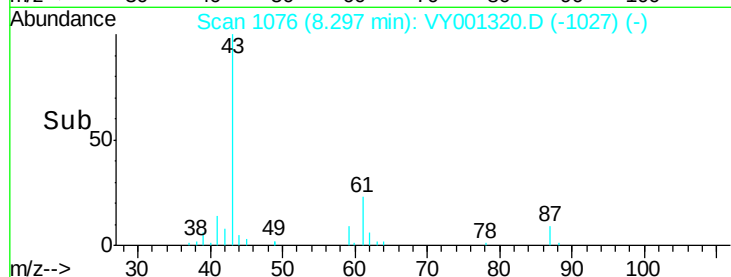
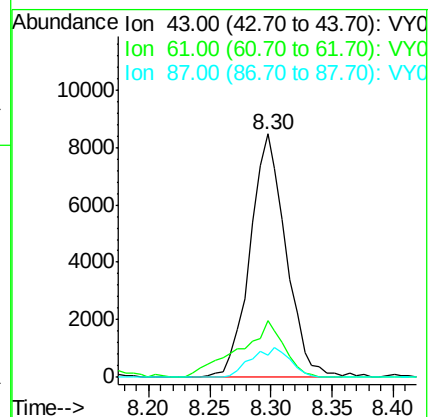
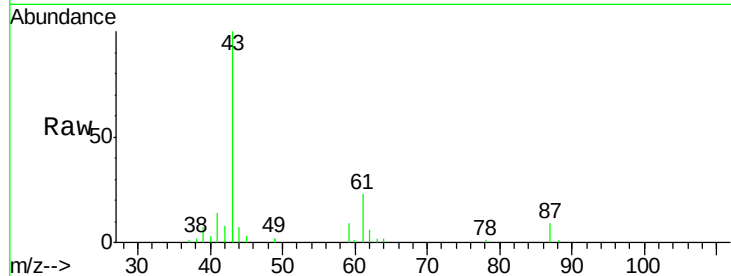
Tgt Ion: 43 Resp: 17241

Ion Ratio Lower Upper

43 100

61 29.1 22.7 34.1

87 13.3 11.0 16.4



#44

Trichloroethene

Concen: 5.45 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY001320.D

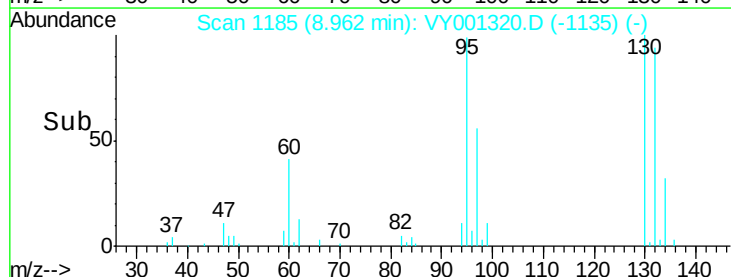
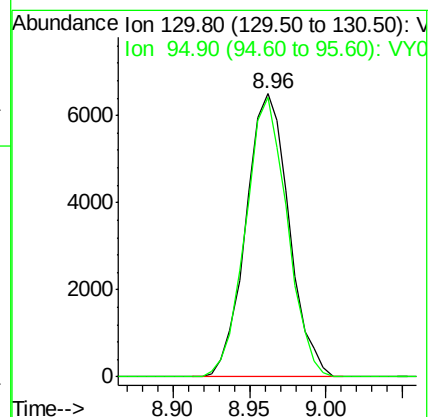
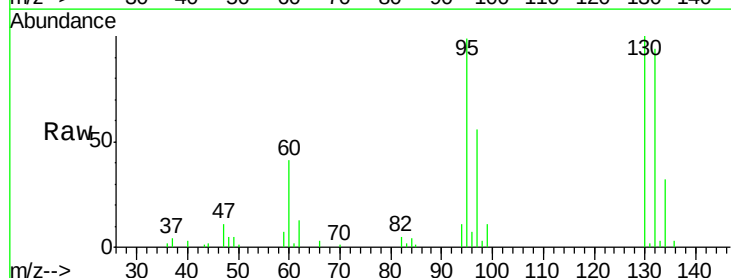
Acq: 21 Jan 2020 14:42

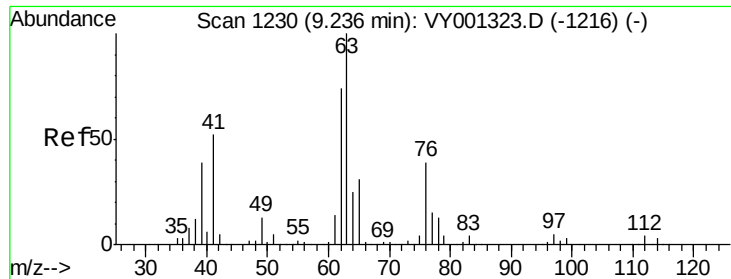
Tgt Ion: 130 Resp: 12712

Ion Ratio Lower Upper

130 100

95 98.7 0.0 200.0

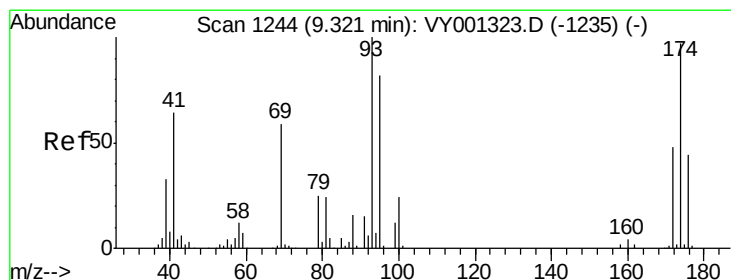
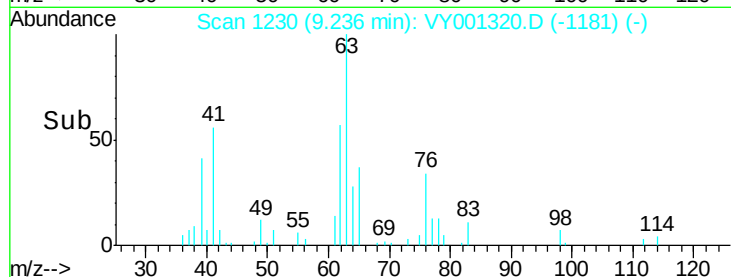
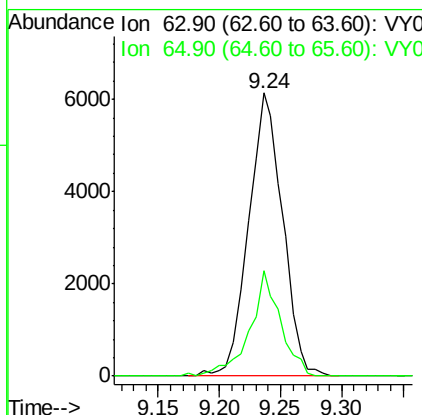
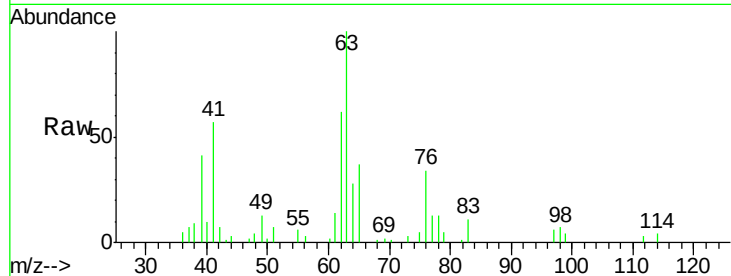




#45
 1,2-Dichloropropane
 Concen: 5.29 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

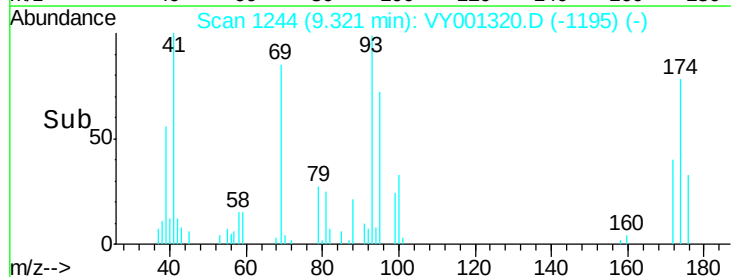
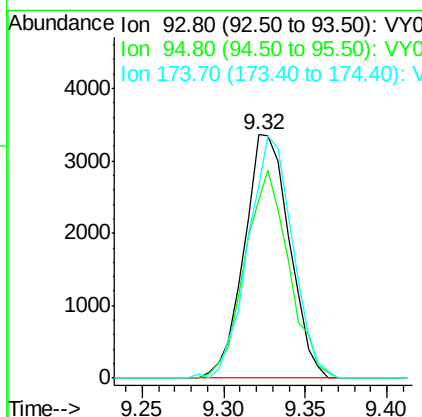
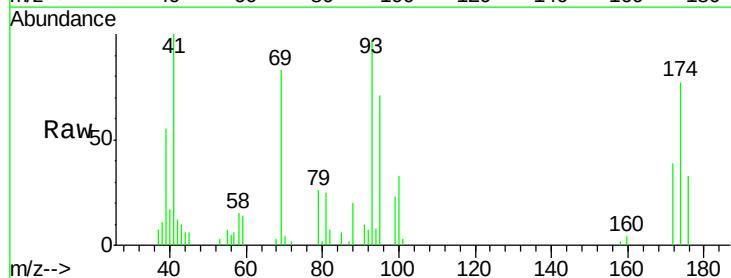
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

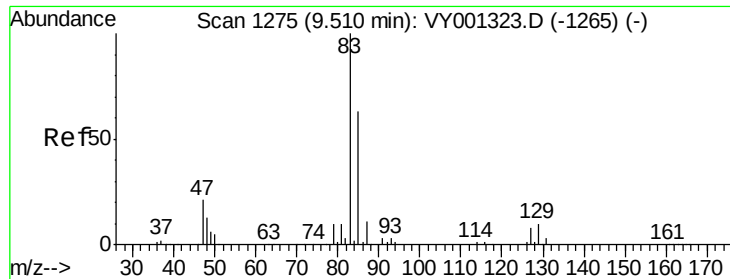
Tgt Ion: 63 Resp: 11871
 Ion Ratio Lower Upper
 63 100
 65 37.5 24.9 37.3#



#46
 Dibromomethane
 Concen: 5.31 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion: 93 Resp: 6460
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 97.8 77.9 116.9

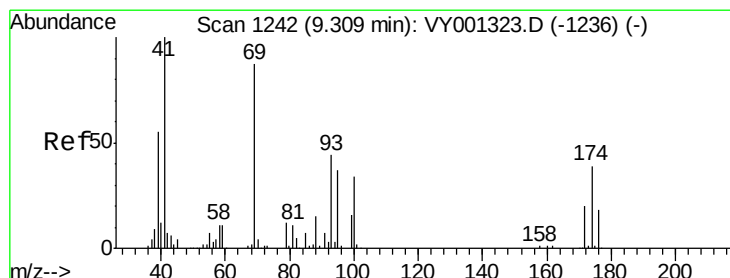
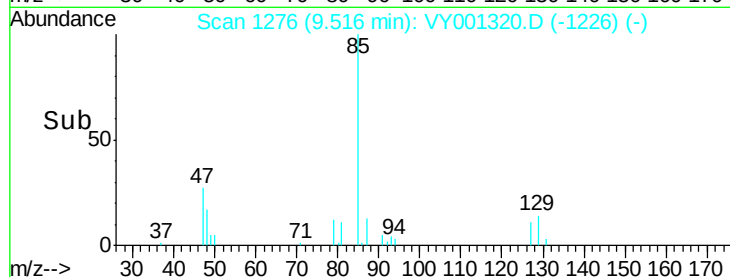
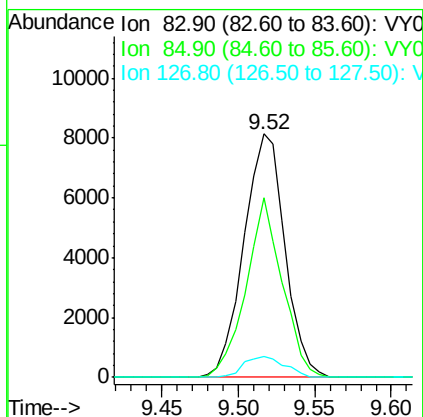
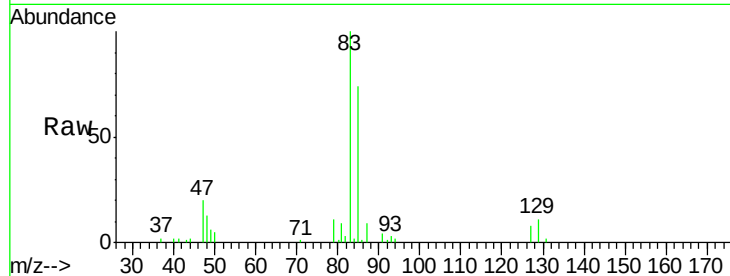




#47
Bromodichloromethane
Concen: 5.12 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

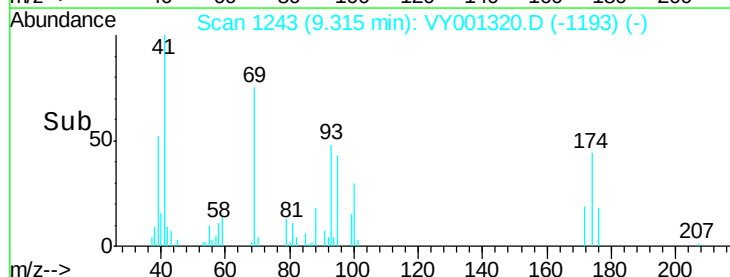
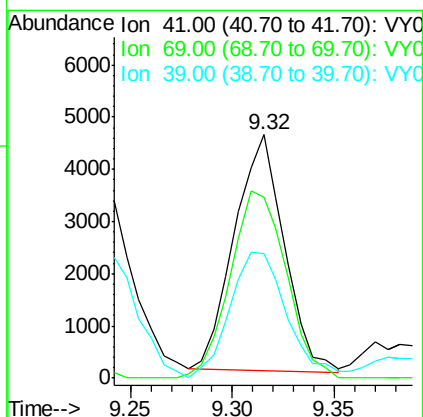
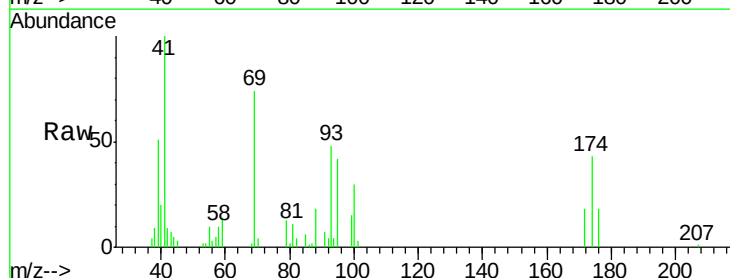
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

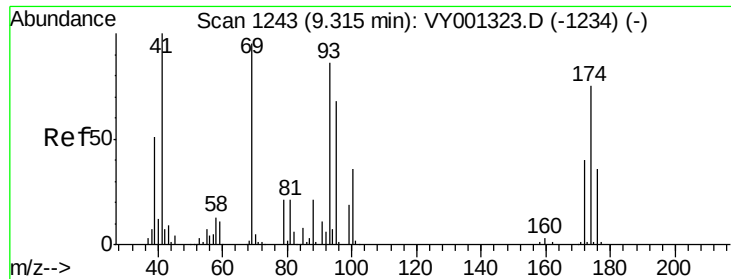
Tgt Ion: 83 Resp: 15138
Ion Ratio Lower Upper
83 100
85 74.0 50.2 75.2
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 4.78 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 41 Resp: 7691
Ion Ratio Lower Upper
41 100
69 88.4 70.2 105.4
39 61.2 45.7 68.5

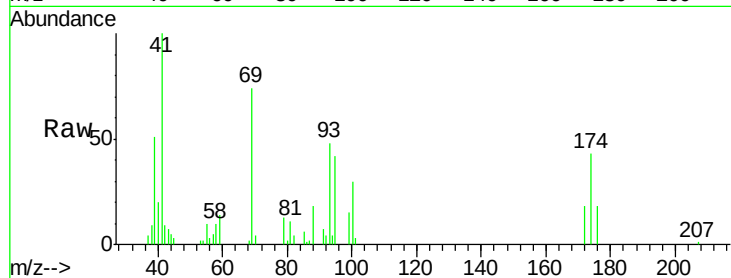




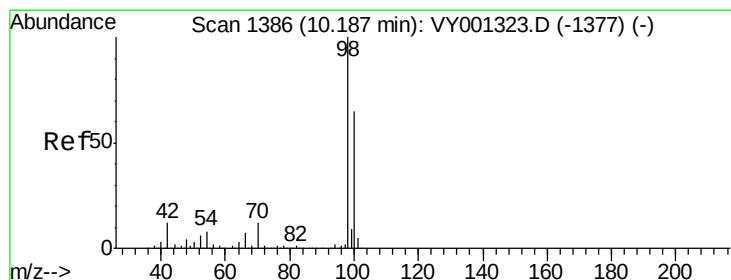
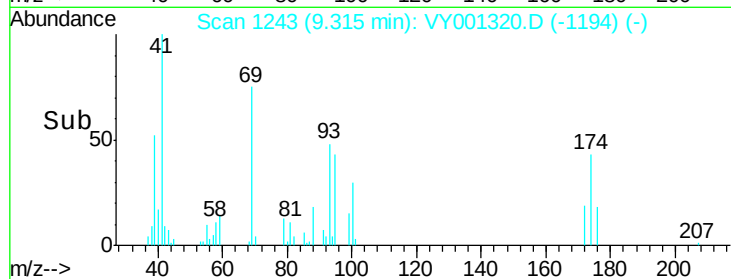
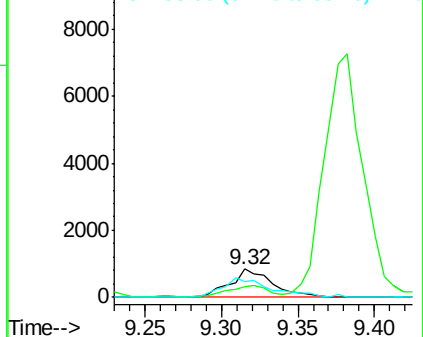
#49
1,4-Dioxane
Concen: 108.10 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1623
Ion Ratio Lower Upper
88 100
43 41.5 28.2 42.2
58 79.0 55.6 83.4

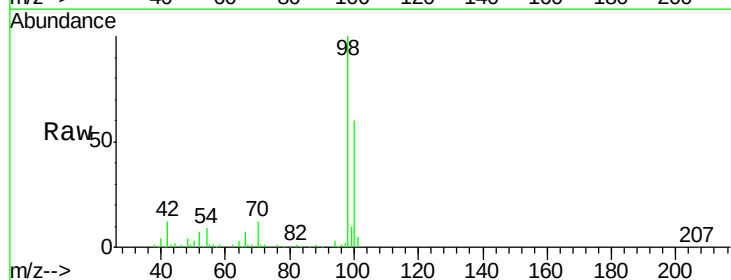


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

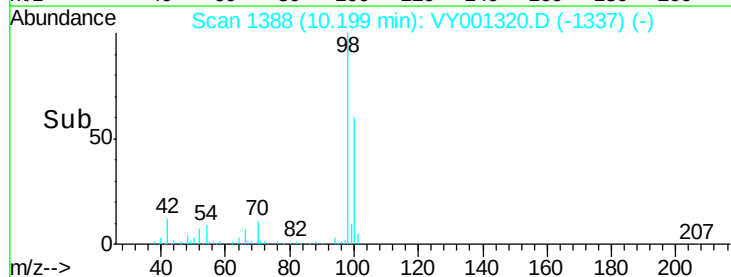
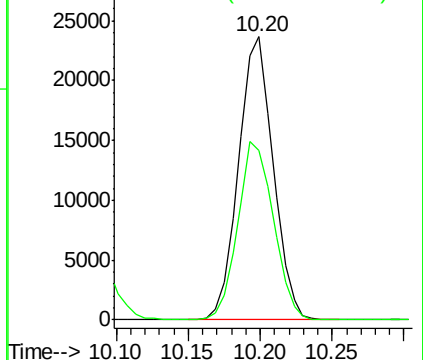


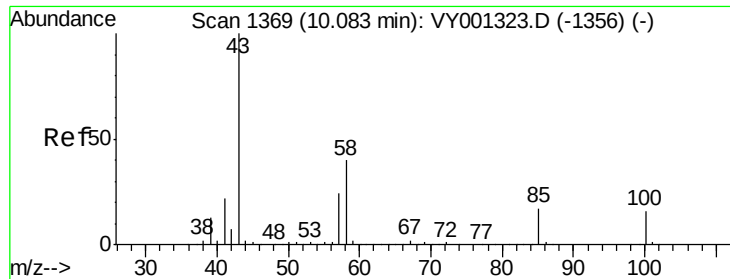
#50
Toluene-d8
Concen: 5.22 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 98 Resp: 39531
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



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

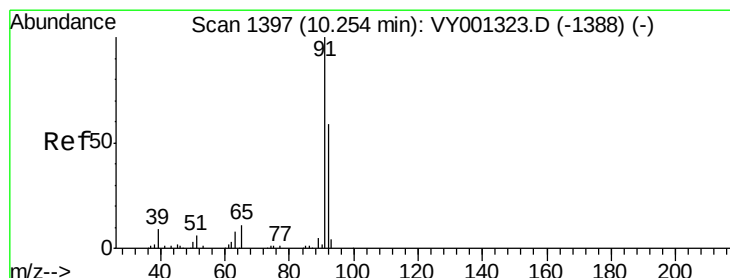
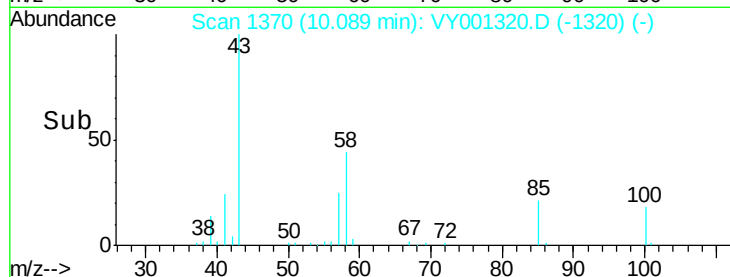
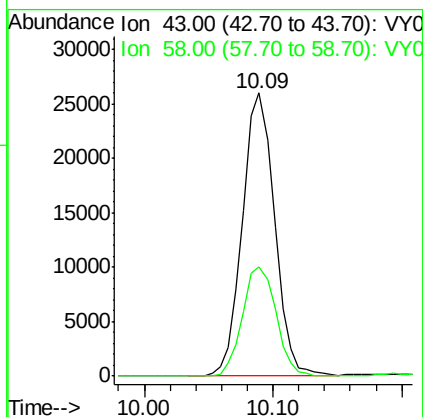
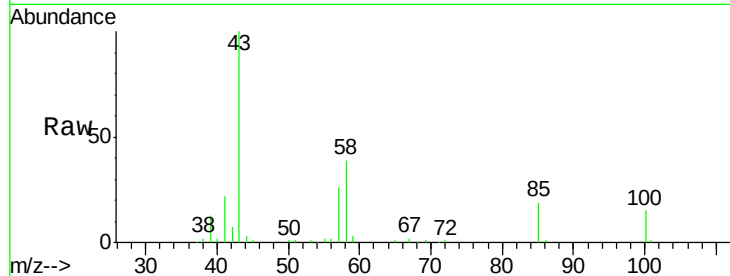




#51
 4-Methyl-2-Pentanone
 Concen: 25.40 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

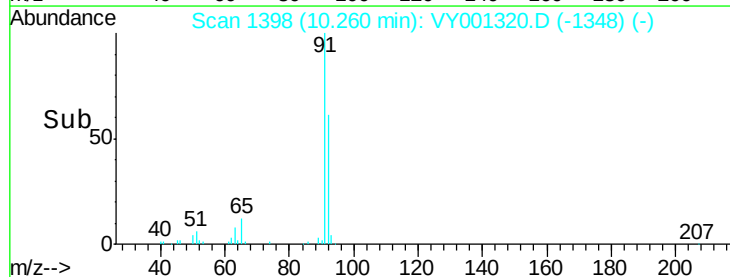
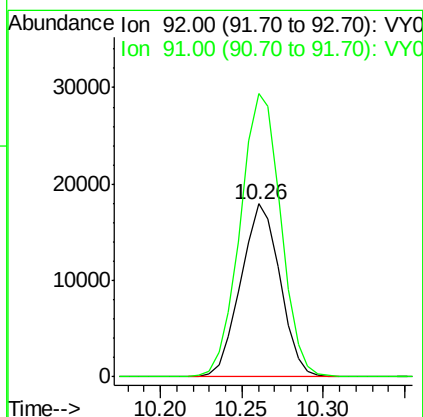
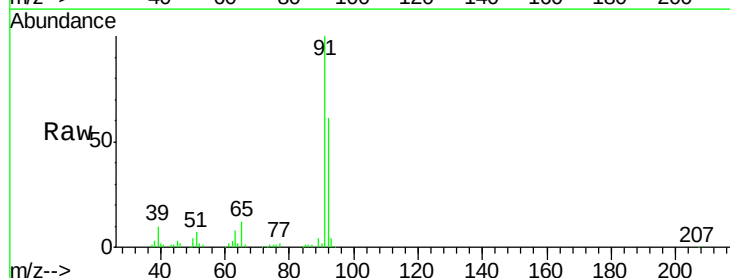
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC005

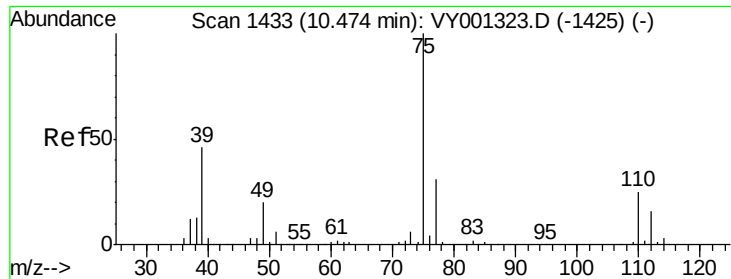
Tgt Ion: 43 Resp: 45139
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.5 47.3



#52
 Toluene
 Concen: 5.26 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion: 92 Resp: 30143
 Ion Ratio Lower Upper
 92 100
 91 169.0 136.4 204.6

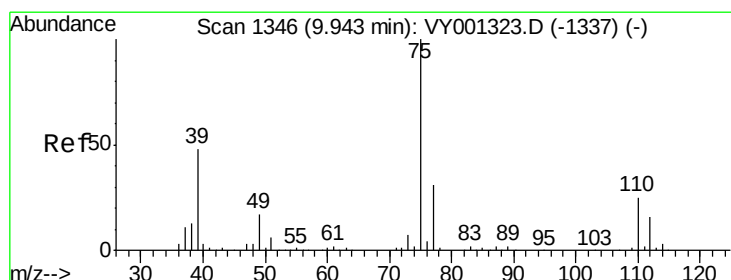
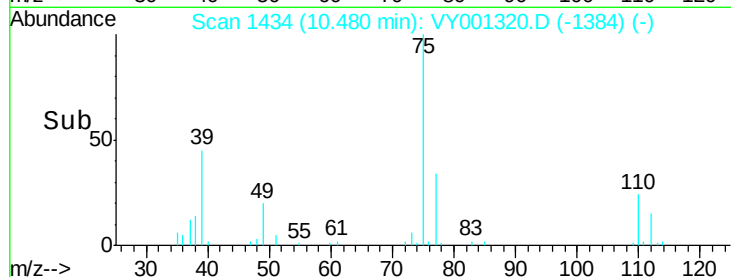
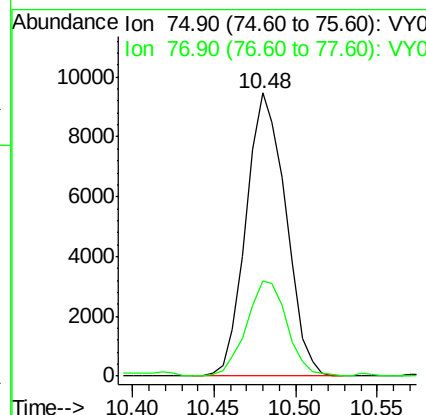
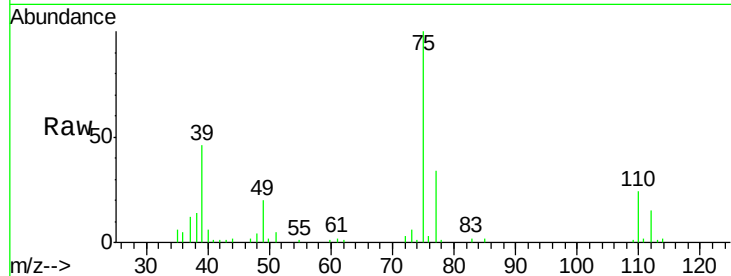




#53
t-1,3-Dichloropropene
Concen: 4.85 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

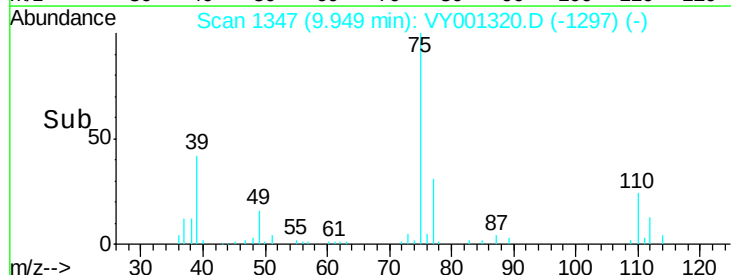
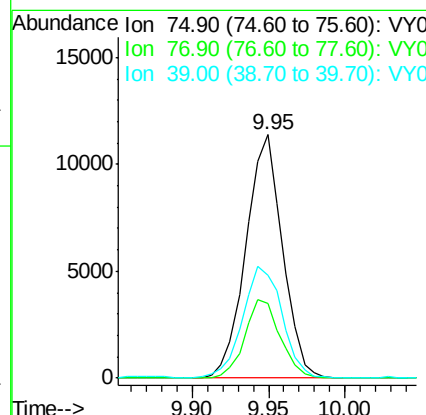
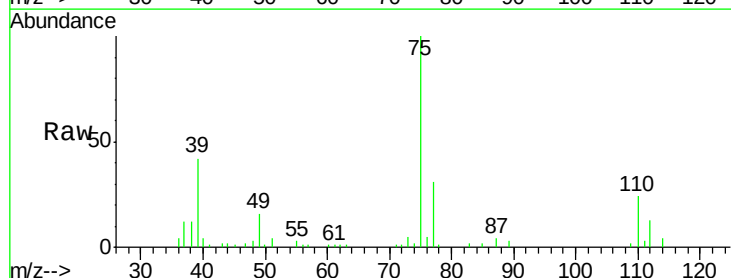
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

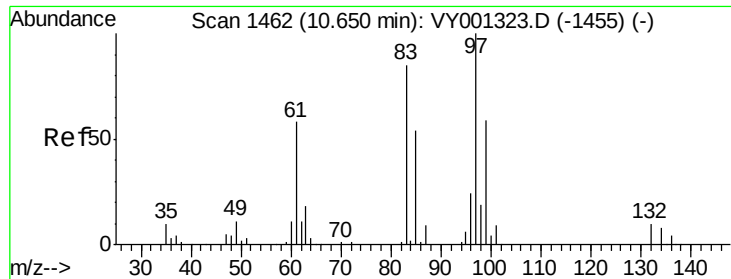
Tgt Ion: 75 Resp: 16063
Ion Ratio Lower Upper
75 100
77 33.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 5.05 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 75 Resp: 18864
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 42.3 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 5.01 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 9054

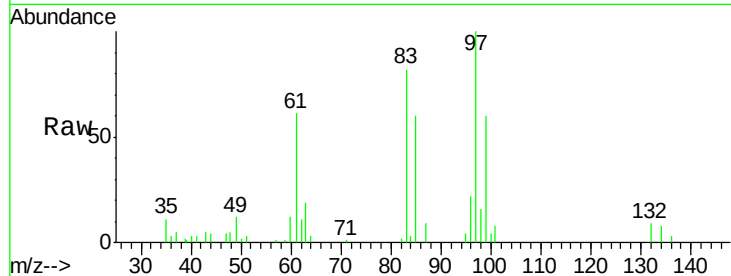
Ion Ratio Lower Upper

97 100

83 81.5 68.0 102.0

85 59.9 43.6 65.4

99 60.2 47.1 70.7

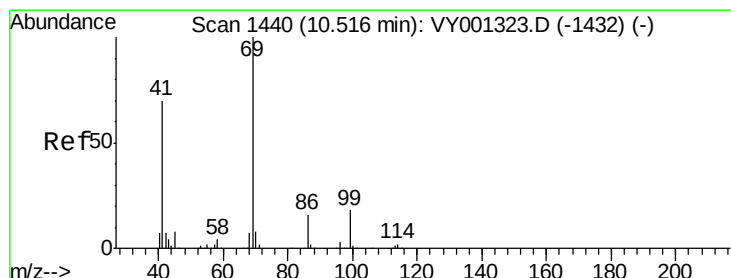
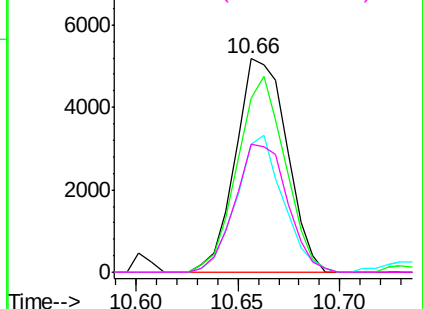
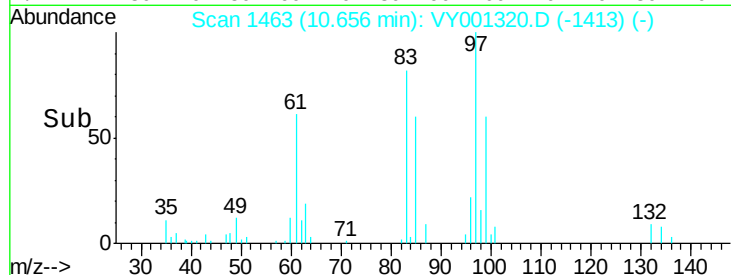


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 4.82 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

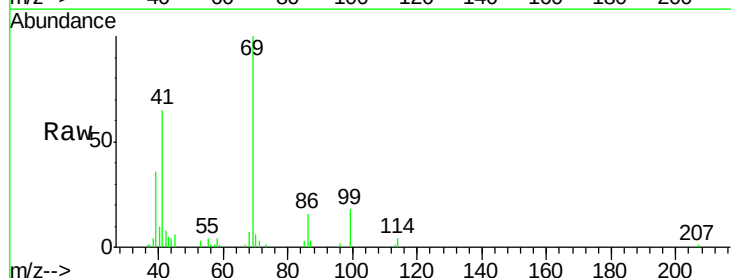
Tgt Ion: 69 Resp: 13304

Ion Ratio Lower Upper

69 100

41 65.3 54.1 81.1

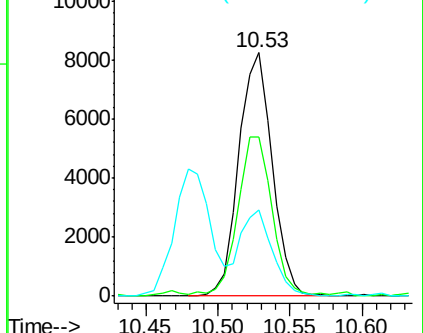
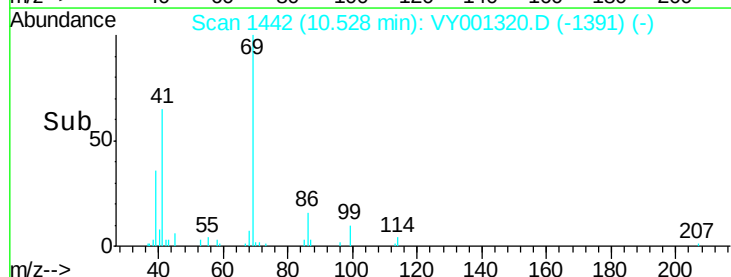
39 35.0 26.8 40.2

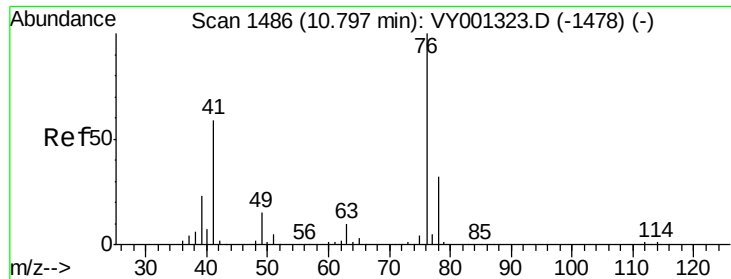


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

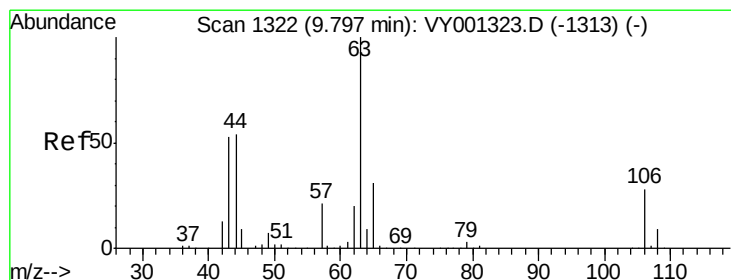
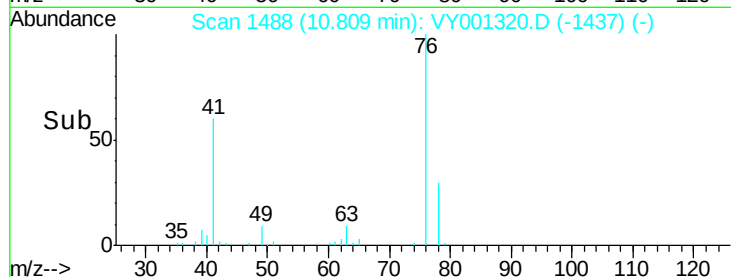
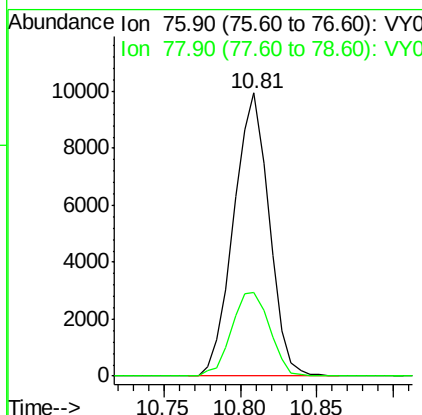
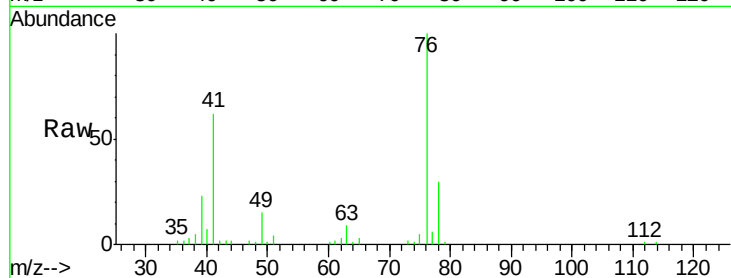




#57
 1,3-Dichloropropane
 Concen: 5.15 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

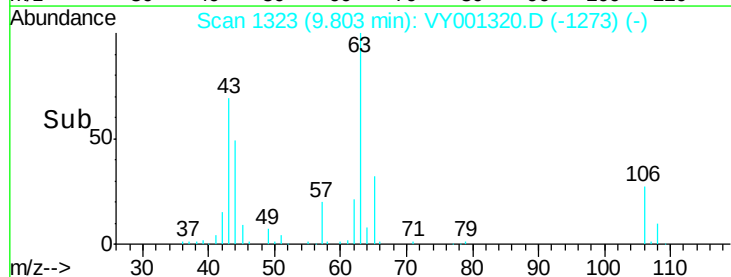
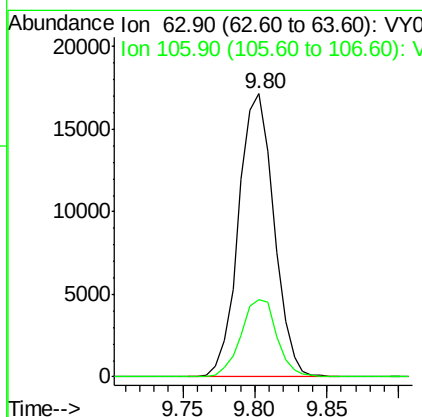
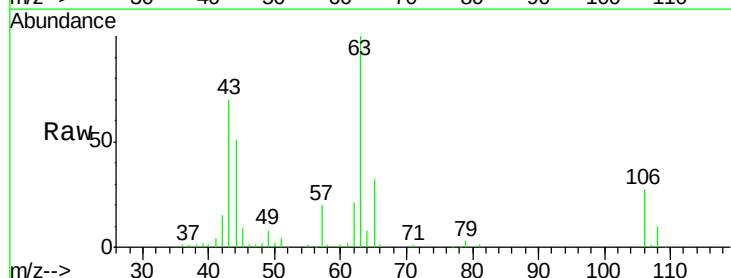
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC005

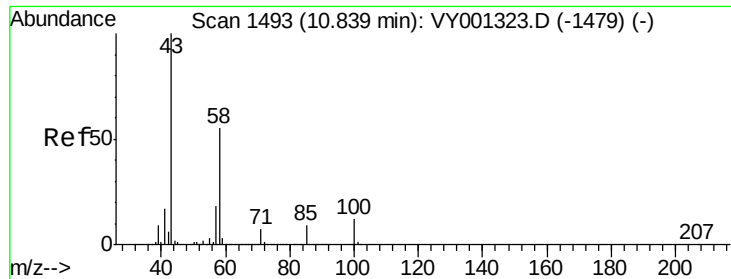
Tgt Ion: 76 Resp: 15971
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 30.44 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion: 63 Resp: 29181
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.5 33.7

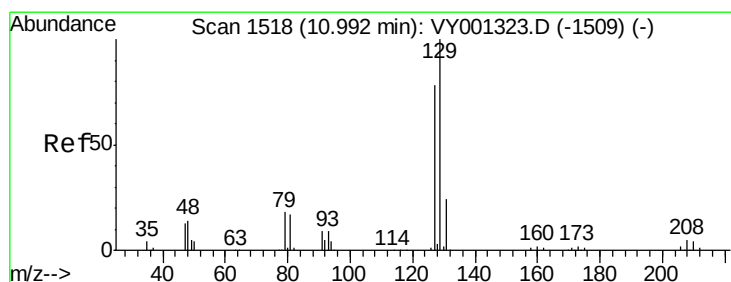
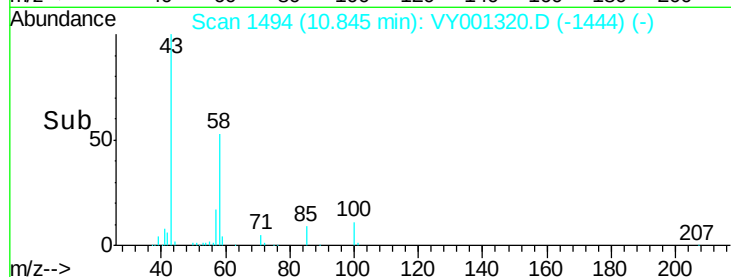
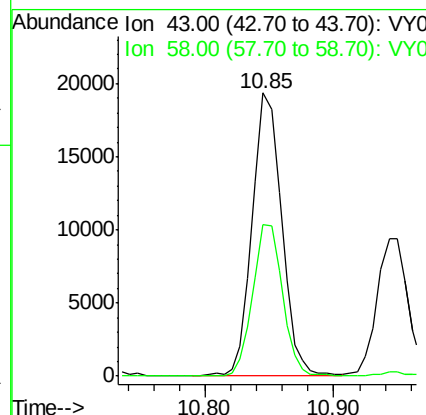
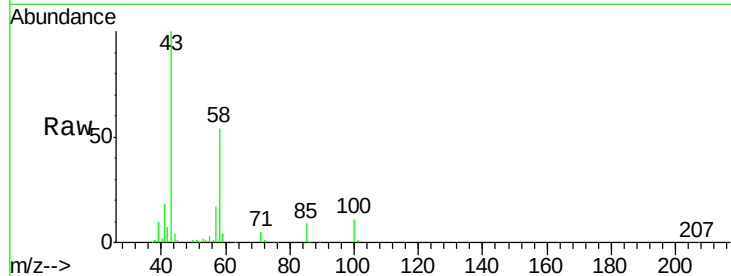




#59
2-Hexanone
Concen: 24.60 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

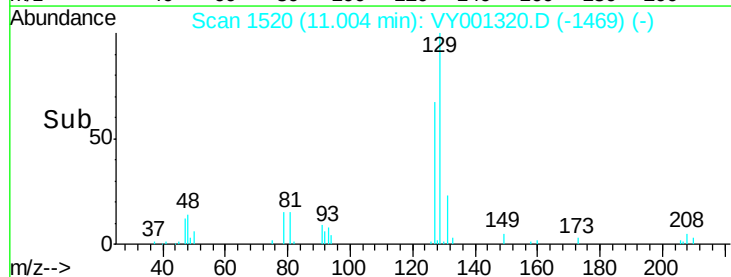
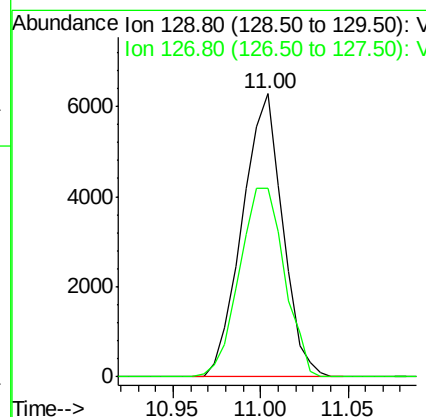
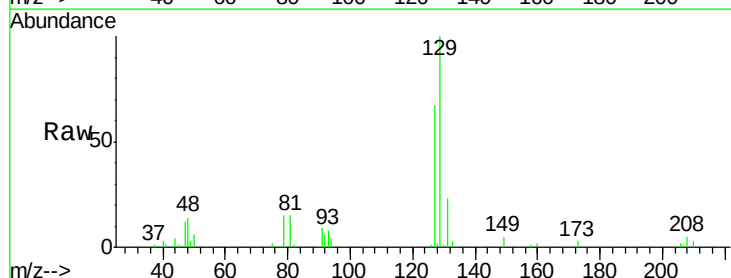
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

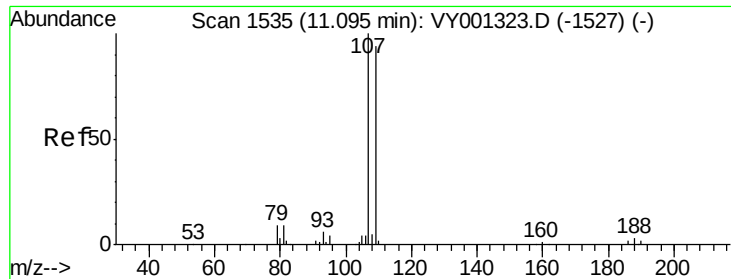
Tgt Ion: 43 Resp: 30655
Ion Ratio Lower Upper
43 100
58 53.9 27.6 82.8



#60
Dibromochloromethane
Concen: 4.88 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 129 Resp: 10076
Ion Ratio Lower Upper
129 100
127 74.5 38.8 116.4

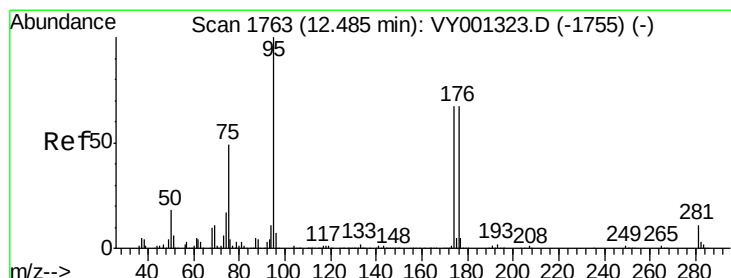
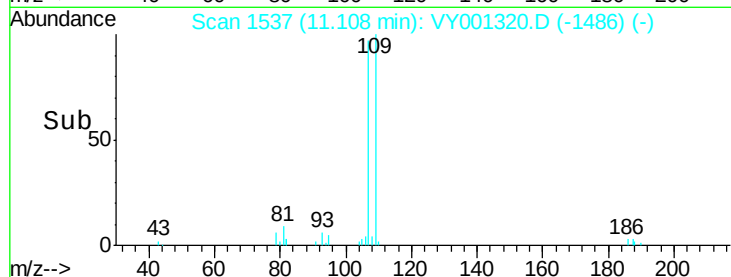
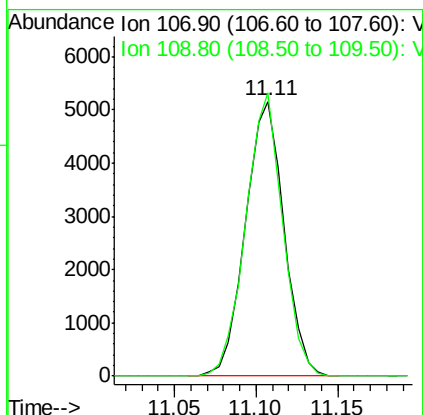
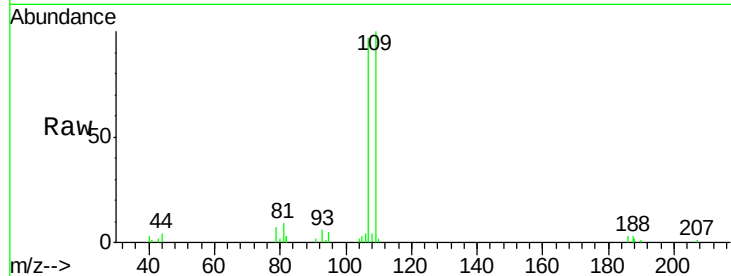




#61
 1,2-Dibromoethane
 Concen: 4.82 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

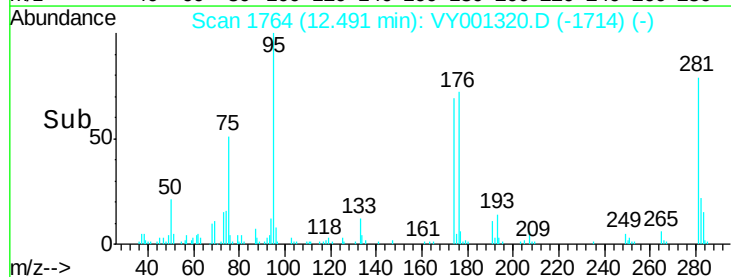
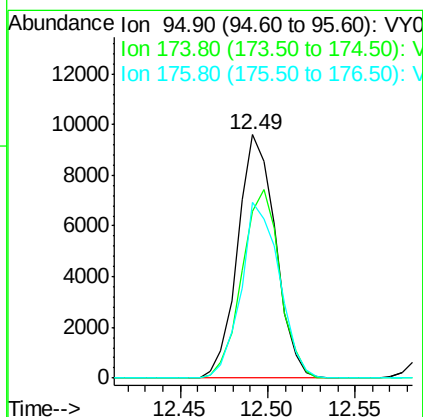
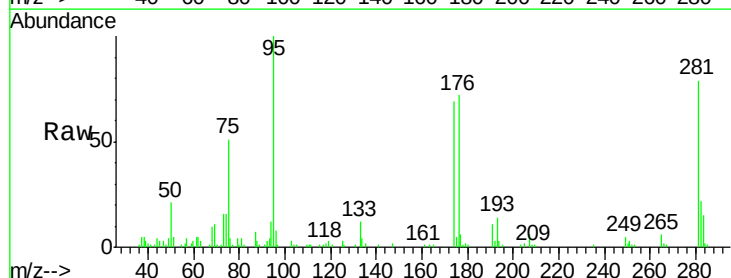
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

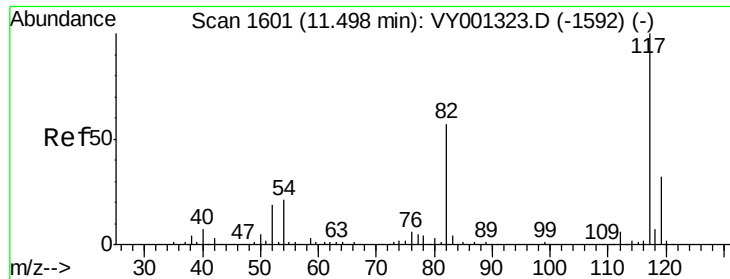
Tgt Ion: 107 Resp: 8472
 Ion Ratio Lower Upper
 107 100
 109 98.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 4.67 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion: 95 Resp: 14412
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 142.0
 176 73.3 0.0 138.6

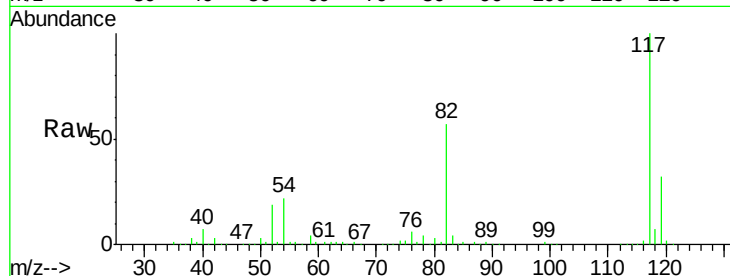




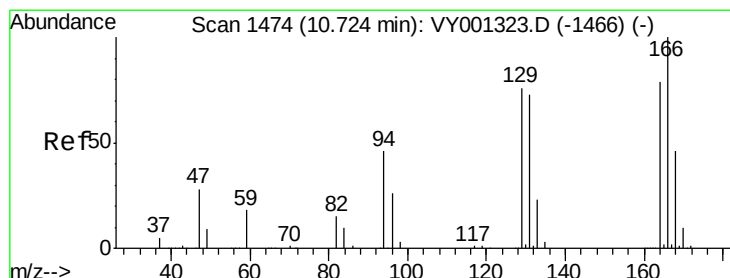
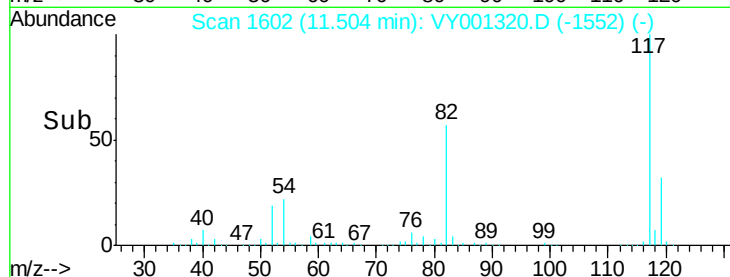
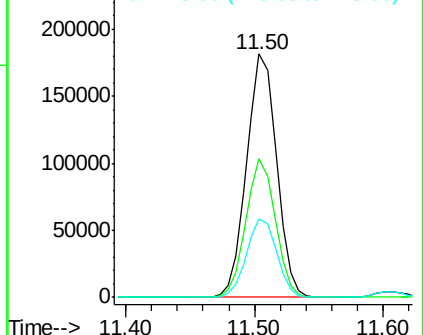
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 291334
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 32.1 25.8 38.6



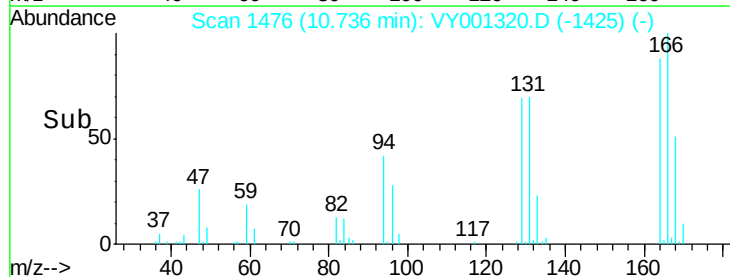
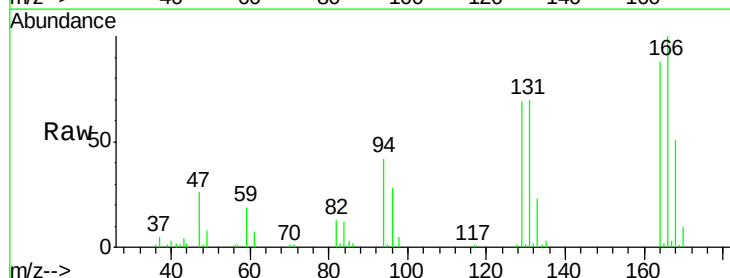
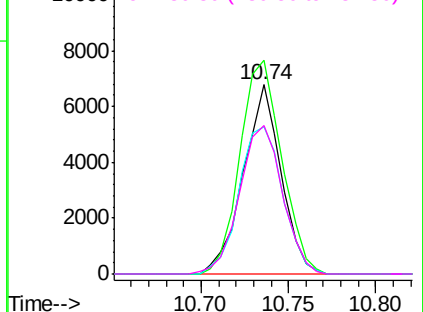
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

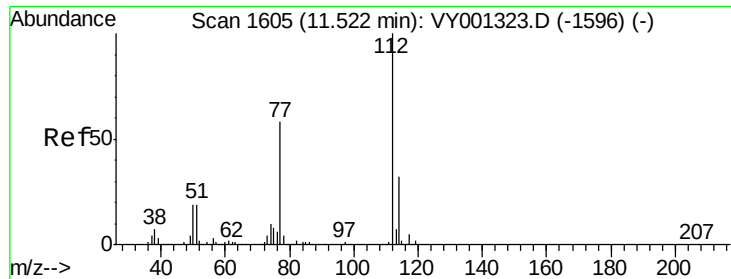


#64
Tetrachloroethene
Concen: 5.45 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion:164 Resp: 10140
Ion Ratio Lower Upper
164 100
166 113.1 101.8 152.8
129 77.7 77.1 115.7
131 78.7 74.2 111.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

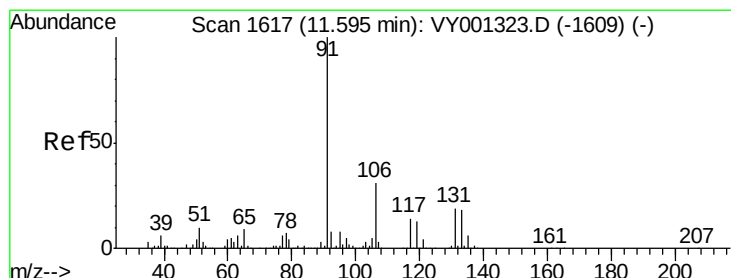
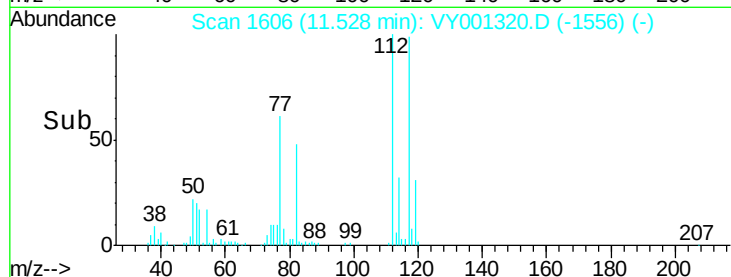
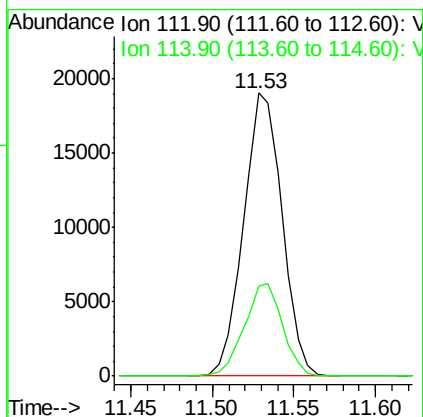
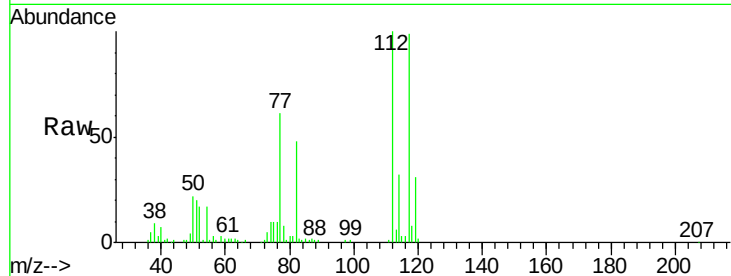




#65
Chlorobenzene
Concen: 5.34 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

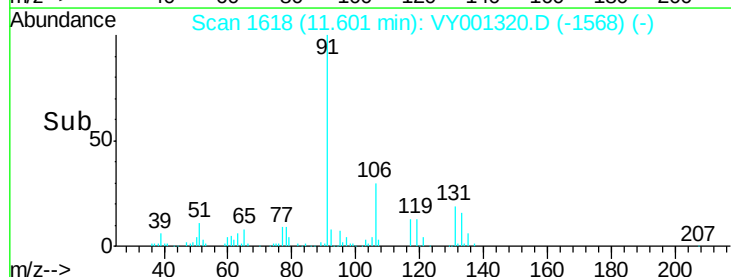
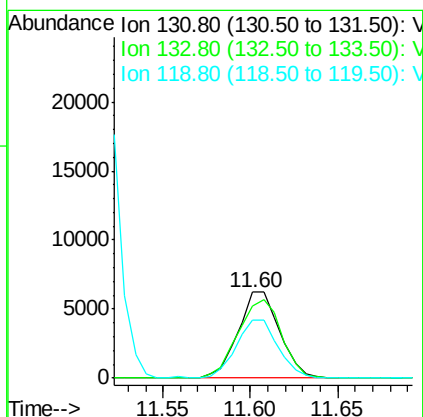
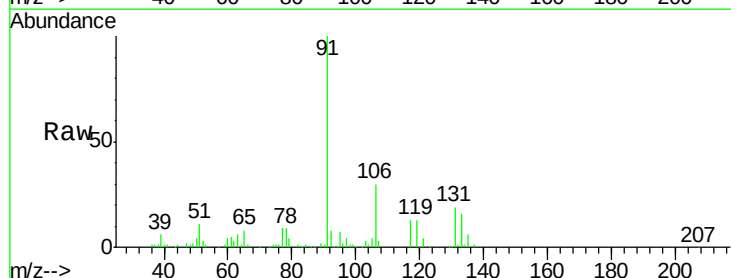
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

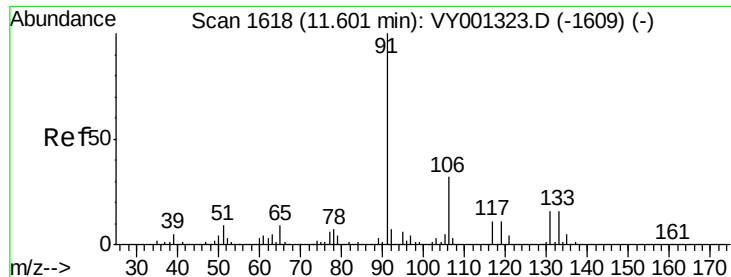
Tgt Ion:112 Resp: 31283
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.10 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion:131 Resp: 10290
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 68.0 34.1 102.2





#67

Ethyl Benzene

Concen: 5.41 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

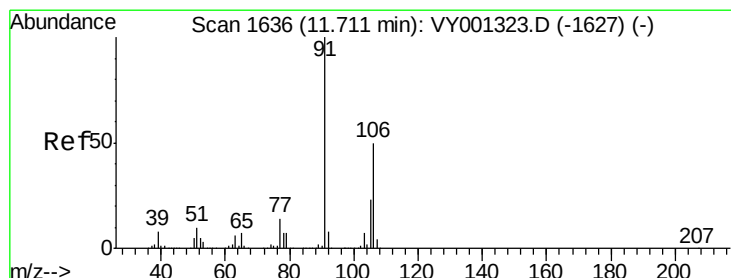
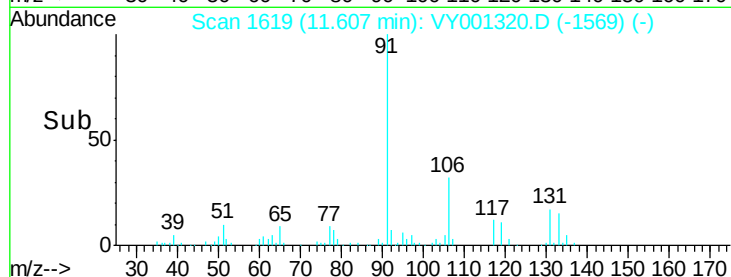
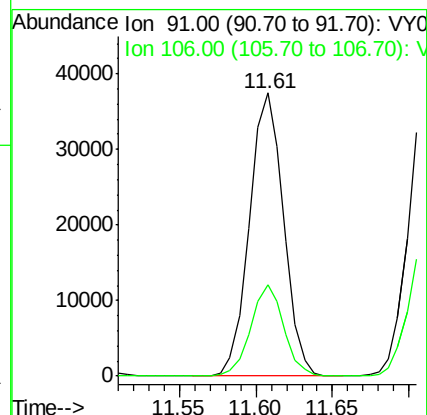
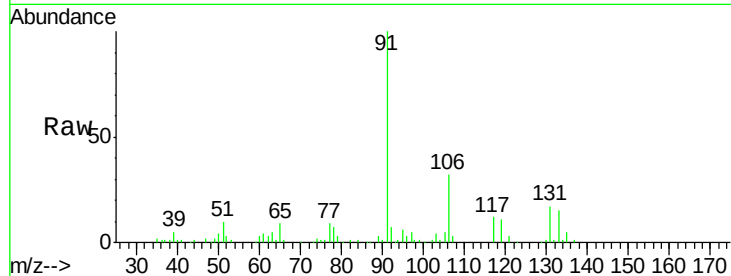
VSTDIC005

Tgt Ion: 91 Resp: 58034

Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0



#68

m/p-Xylenes

Concen: 10.65 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001320.D

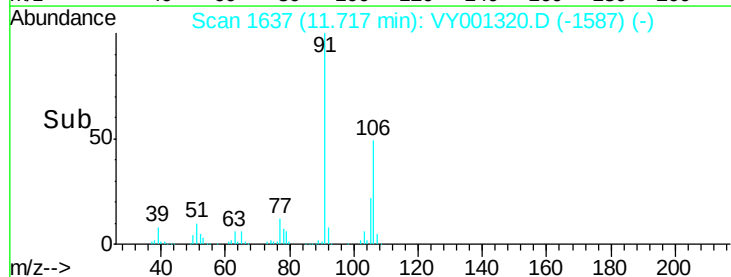
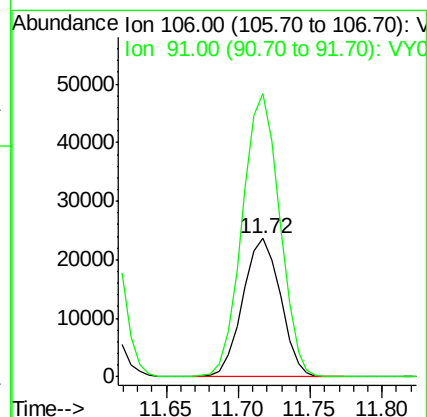
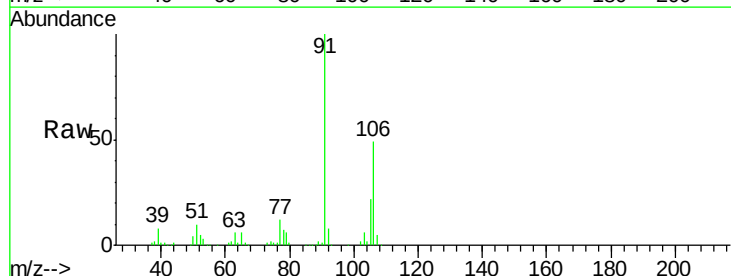
Acq: 21 Jan 2020 14:42

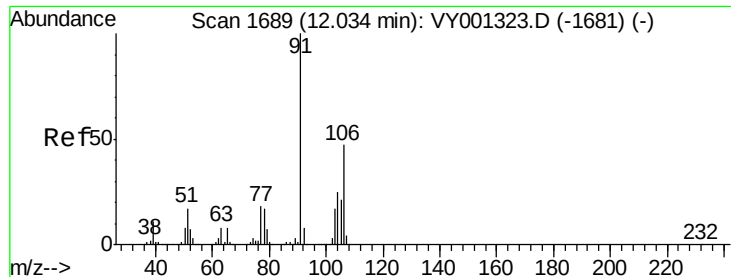
Tgt Ion: 106 Resp: 42933

Ion Ratio Lower Upper

106 100

91 203.0 162.8 244.2

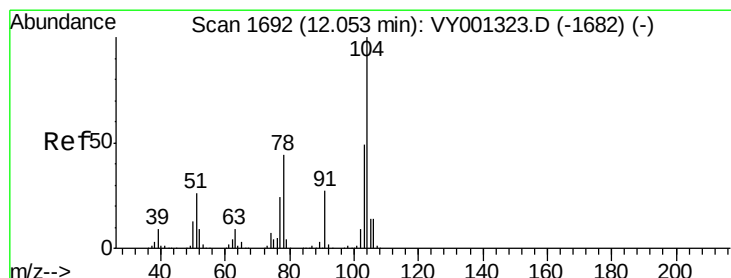
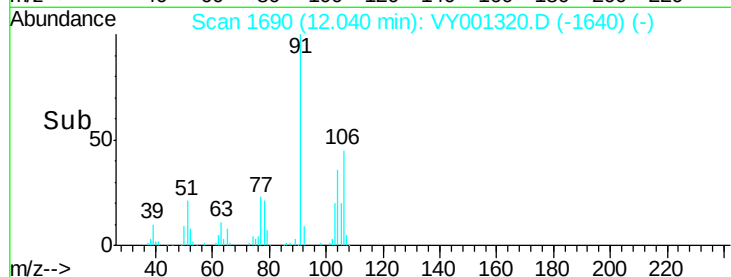
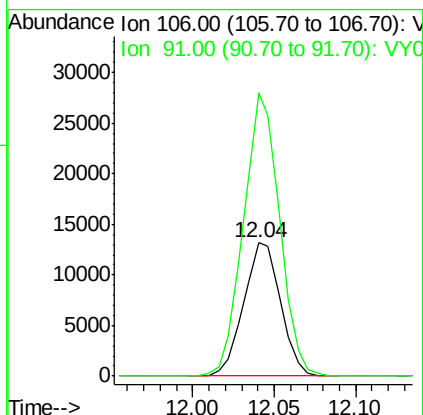
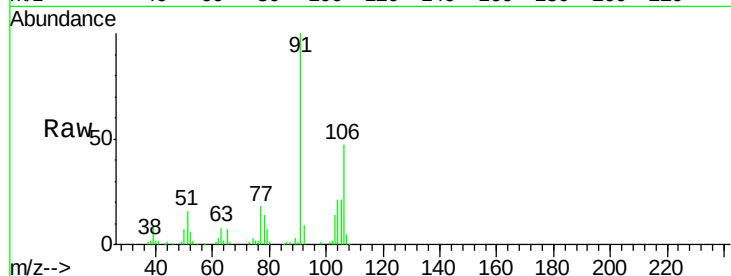




#69
o-Xylene
Concen: 5.36 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

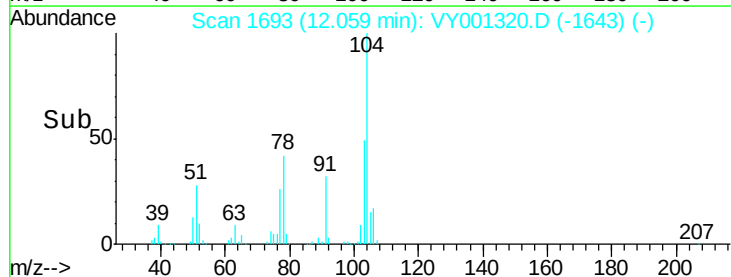
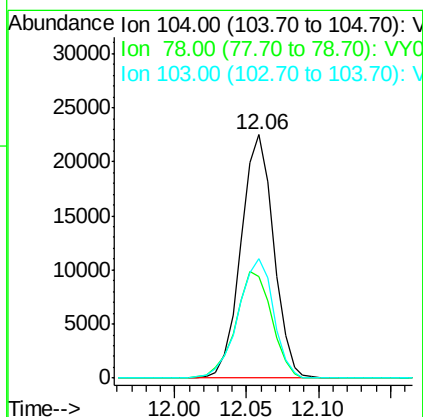
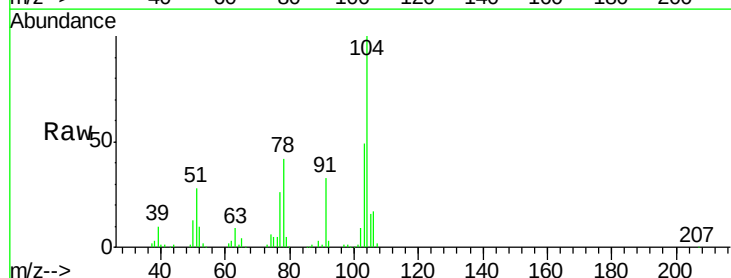
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

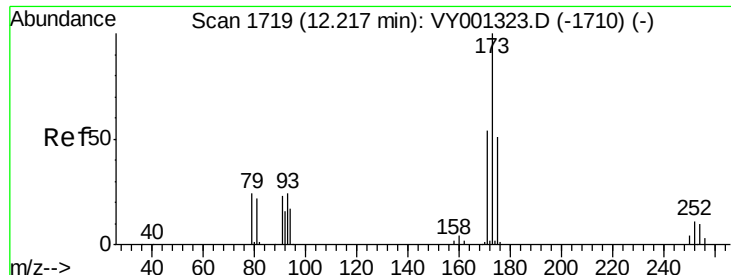
Tgt Ion:106 Resp: 20786
Ion Ratio Lower Upper
106 100
91 207.4 106.3 319.0



#70
Styrene
Concen: 5.20 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion:104 Resp: 35357
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.8
103 52.9 43.2 64.8





#71

Bromoform

Concen: 4.88 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

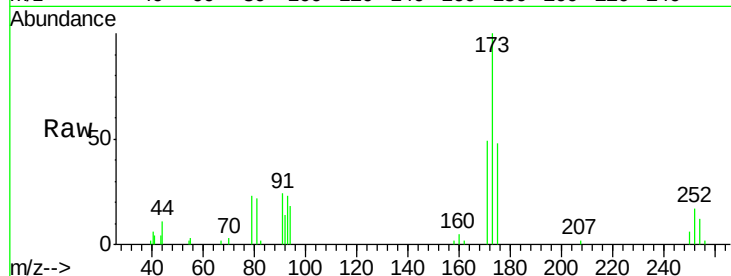
Tgt Ion:173 Resp: 6027

Ion Ratio Lower Upper

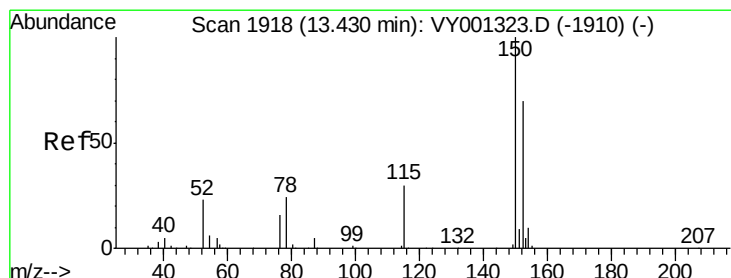
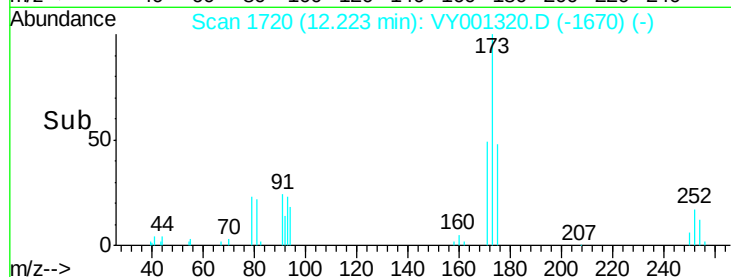
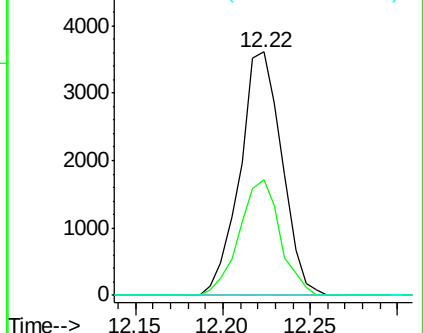
173 100

175 46.3 24.3 72.9

254 0.0 0.0 0.0



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: VY001320.D

Acq: 21 Jan 2020 14:42

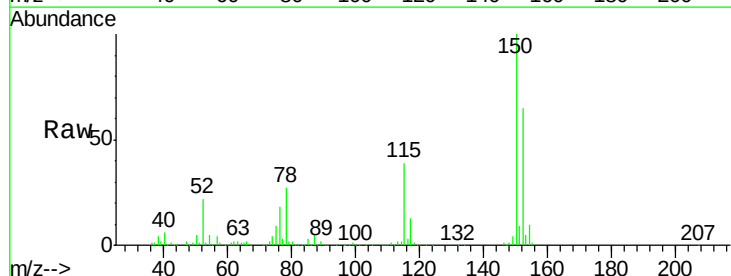
Tgt Ion:152 Resp: 136765

Ion Ratio Lower Upper

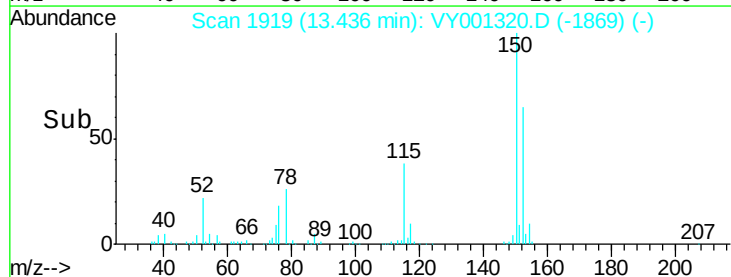
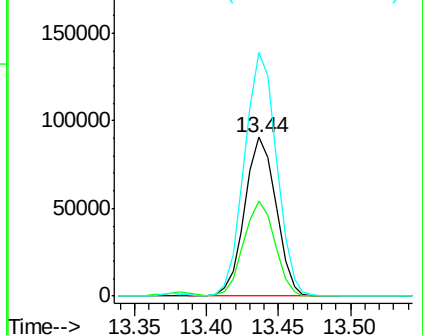
152 100

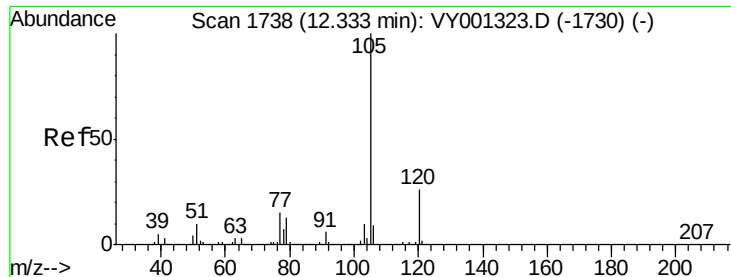
115 59.4 30.9 92.8

150 156.9 0.0 349.2



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

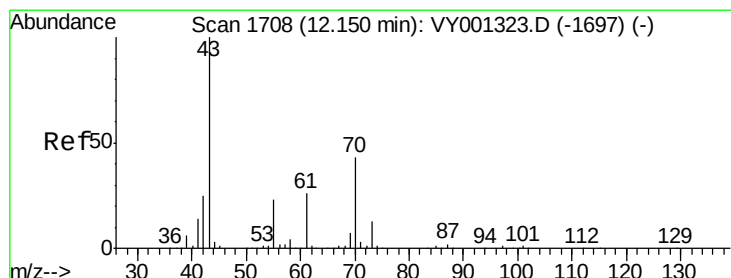
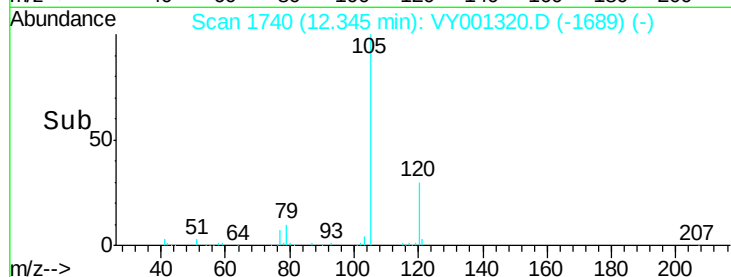
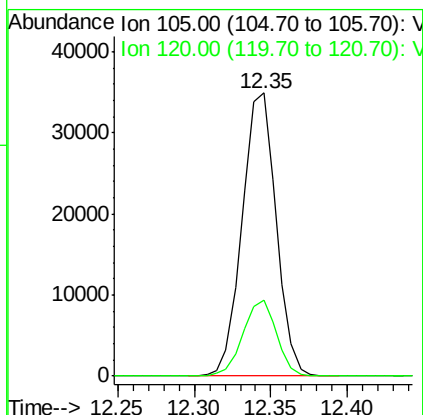
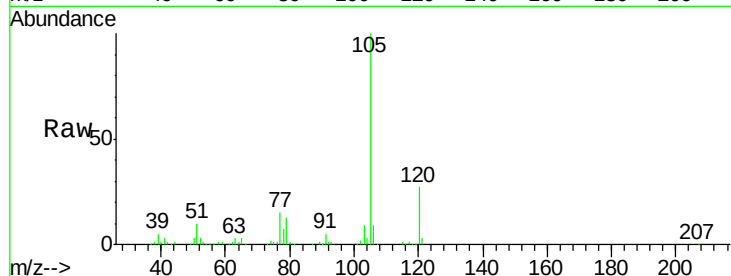




#73
Isopropylbenzene
Concen: 5.21 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

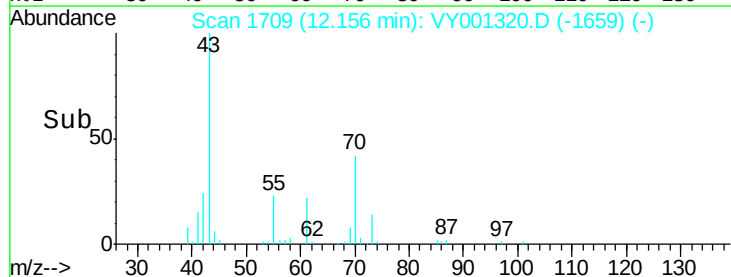
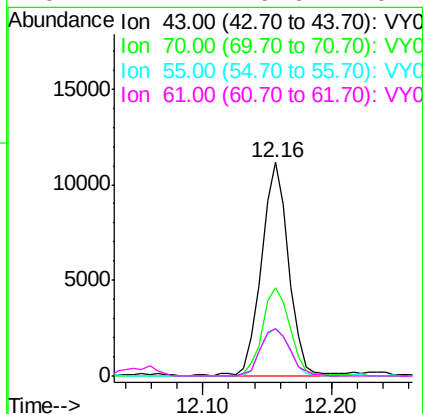
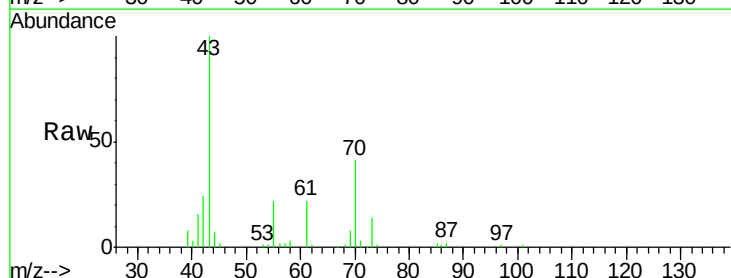
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

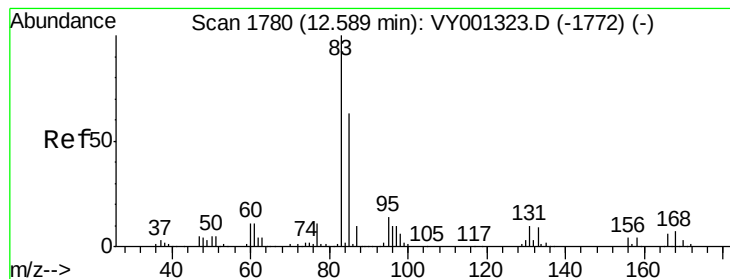
Tgt Ion: 105 Resp: 53902
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 5.01 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 43 Resp: 16323
Ion Ratio Lower Upper
43 100
70 42.0 33.5 50.3
55 23.4 18.2 27.2
61 24.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.08 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

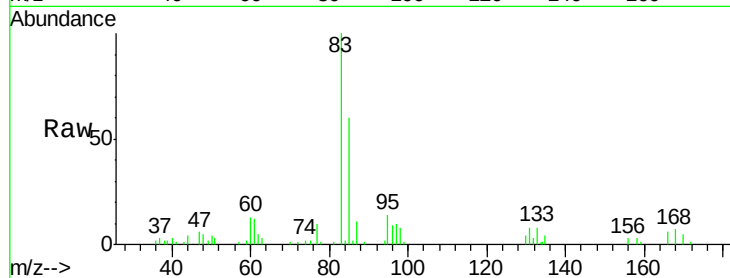
Tgt Ion: 83 Resp: 11136

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

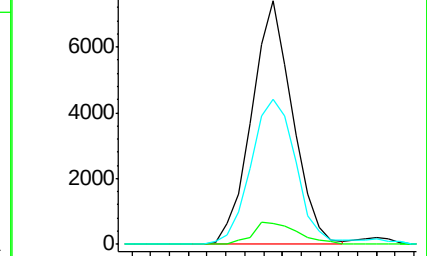
85 66.3 31.4 94.3



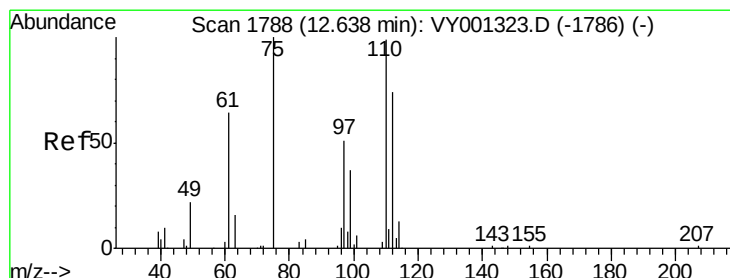
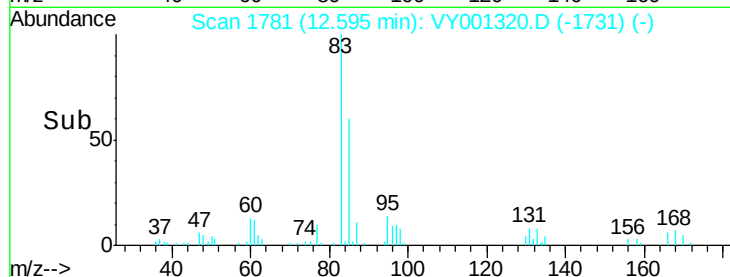
Abundance Ion 82.90 (82.60 to 83.60): VY001320.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001320.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001320.D (-1731) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 9.61 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001320.D

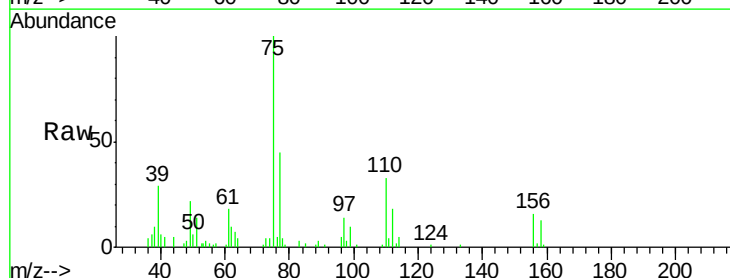
Acq: 21 Jan 2020 14:42

Tgt Ion: 75 Resp: 14533

Ion Ratio Lower Upper

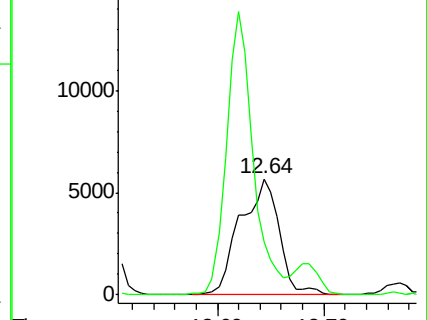
75 100

77 0.0 0.0 0.0

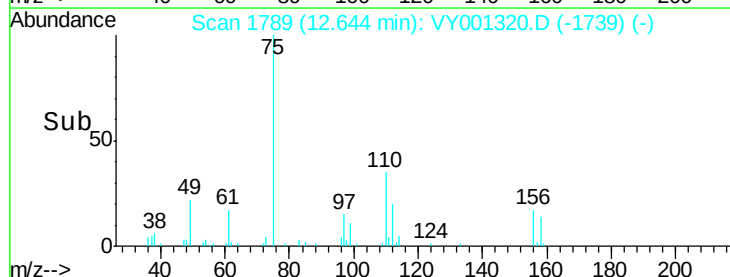


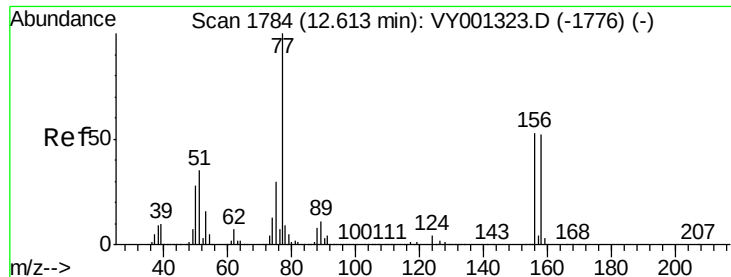
Abundance Ion 74.90 (74.60 to 75.60): VY001320.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY001320.D (-1739) (-)



Time-->





#77

Bromobenzene

Concen: 5.34 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

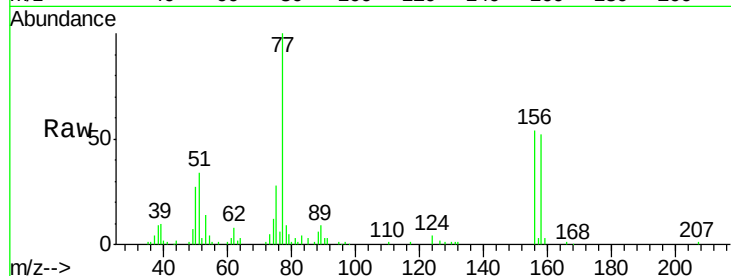
Tgt Ion:156 Resp: 12222

Ion Ratio Lower Upper

156 100

77 197.7 104.7 313.9

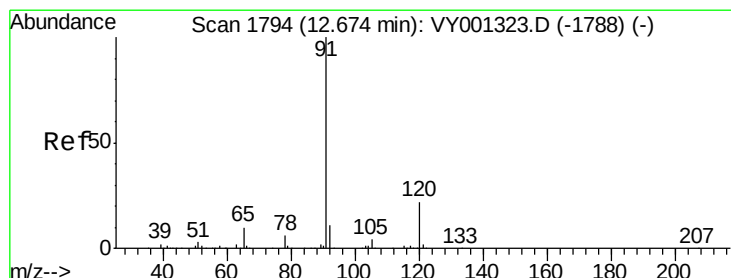
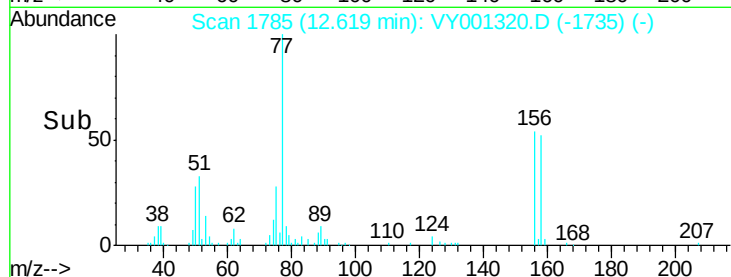
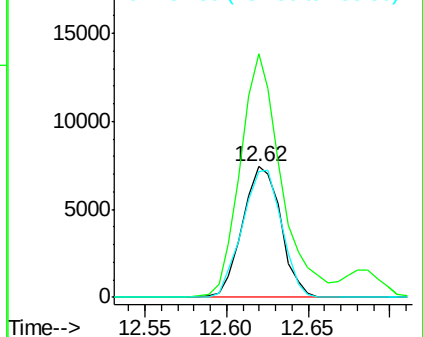
158 99.8 48.6 145.8



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: 5.18 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001320.D

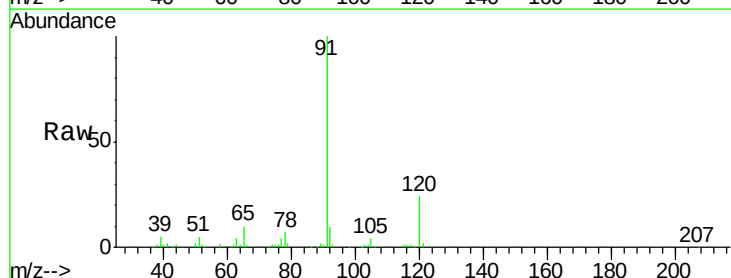
Acq: 21 Jan 2020 14:42

Tgt Ion: 91 Resp: 64465

Ion Ratio Lower Upper

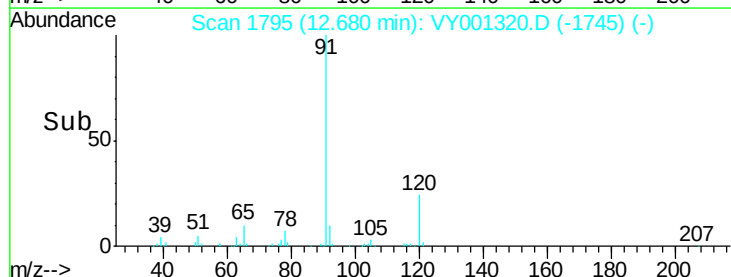
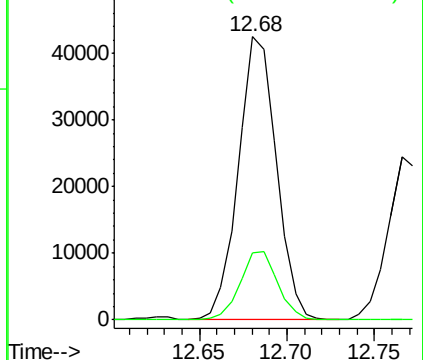
91 100

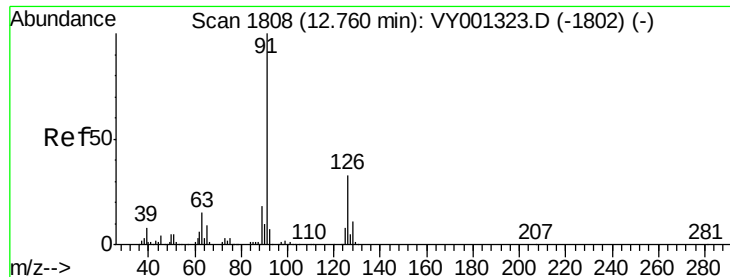
120 23.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.28 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

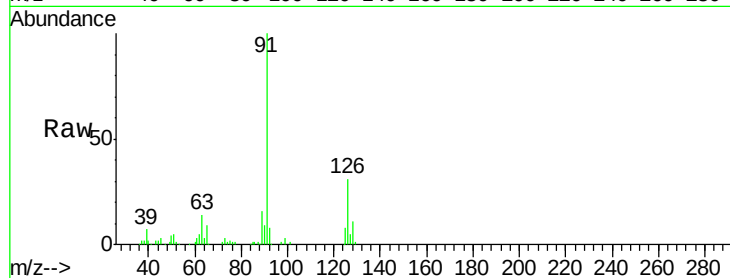
VSTDIC005

Tgt Ion: 91 Resp: 37677

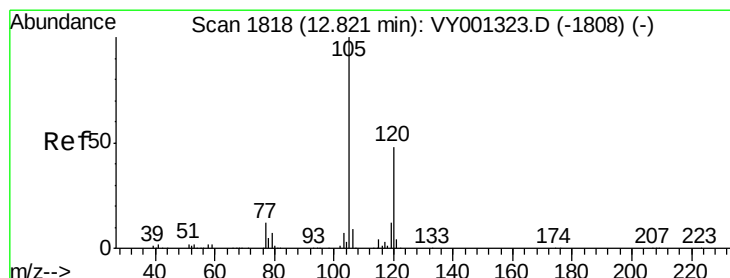
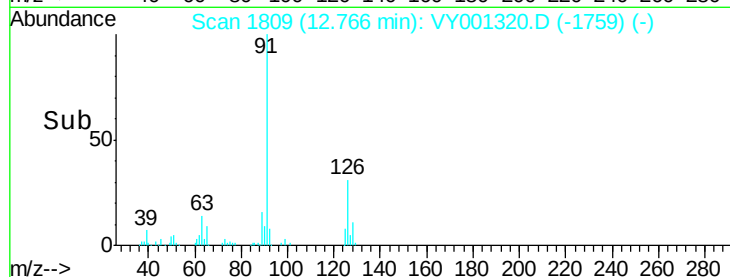
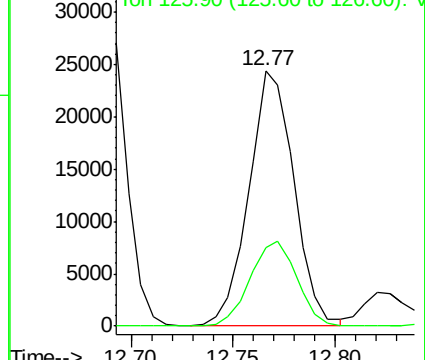
Ion Ratio Lower Upper

91 100

126 34.4 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY001320.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.26 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001320.D

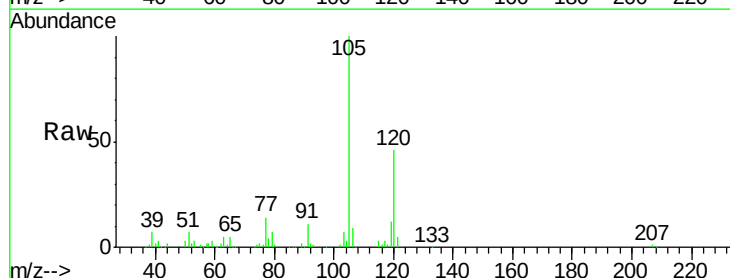
Acq: 21 Jan 2020 14:42

Tgt Ion: 105 Resp: 45356

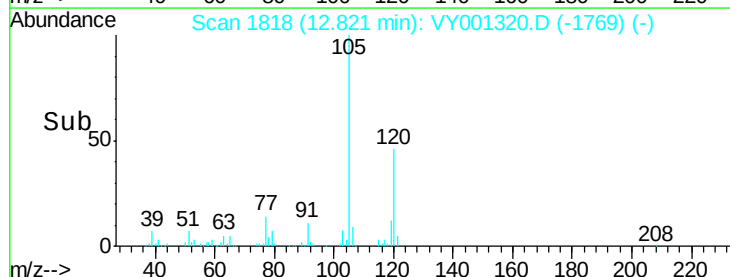
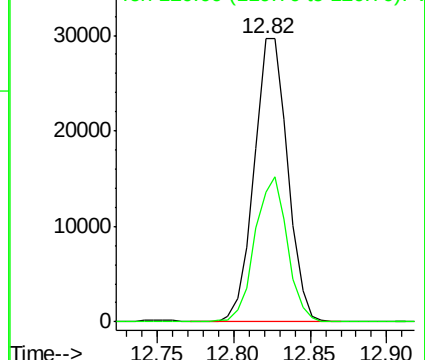
Ion Ratio Lower Upper

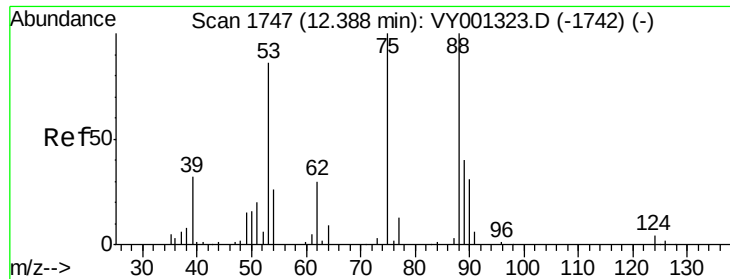
105 100

120 49.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001320.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.56 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

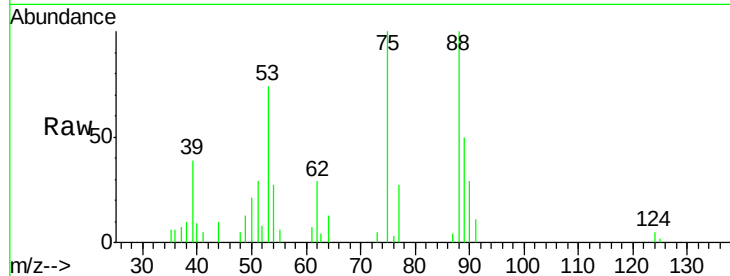
Tgt Ion: 75 Resp: 3946

Ion Ratio Lower Upper

75 100

53 87.1 69.9 104.9

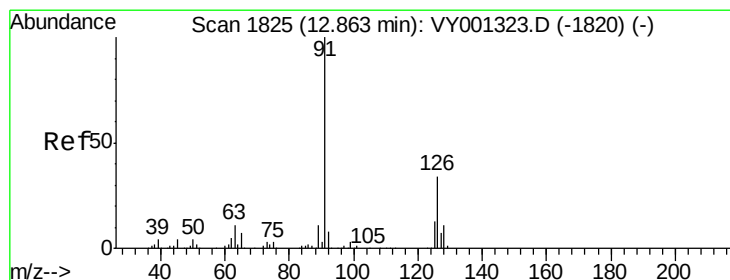
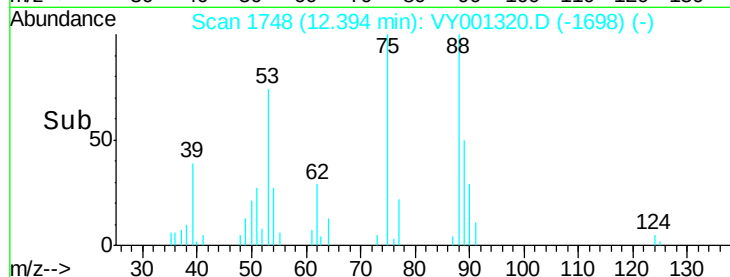
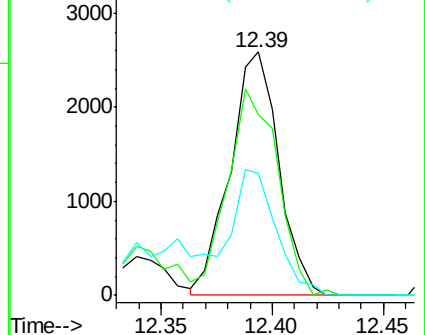
89 44.3 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VY001320.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001320.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001320.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 5.23 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001320.D

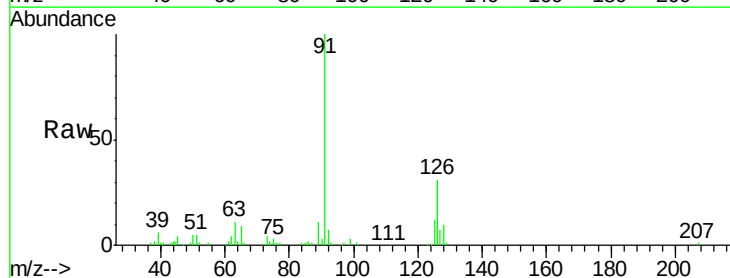
Acq: 21 Jan 2020 14:42

Tgt Ion: 91 Resp: 39802

Ion Ratio Lower Upper

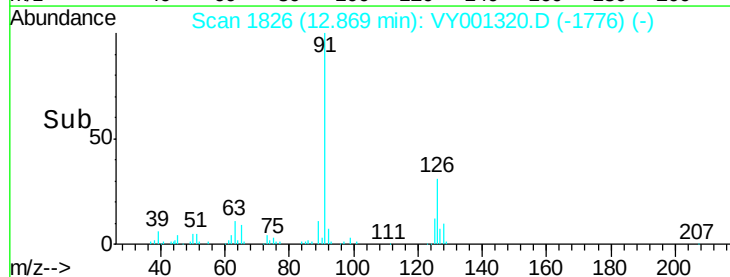
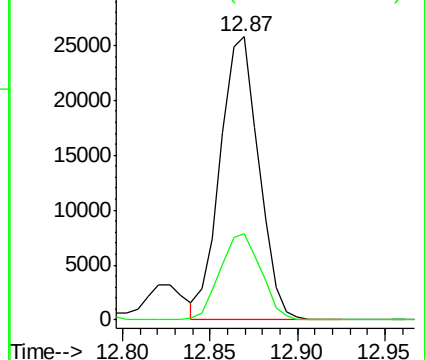
91 100

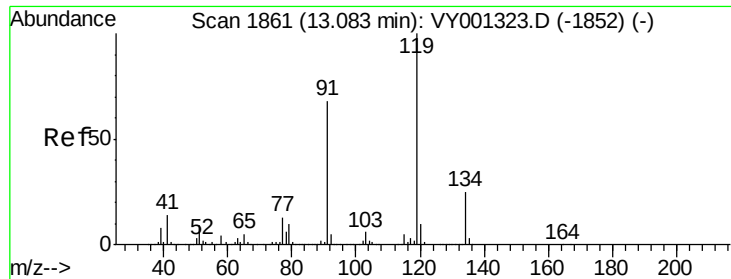
126 32.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY001320.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY001320.D (-1776) (-)

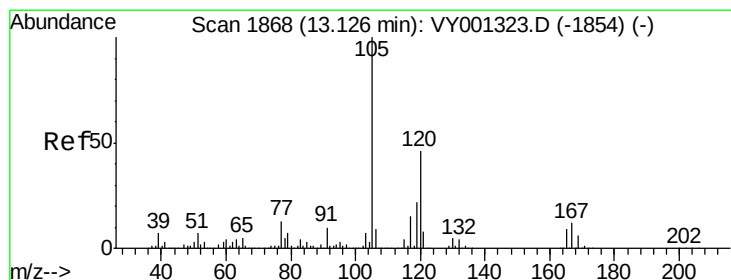
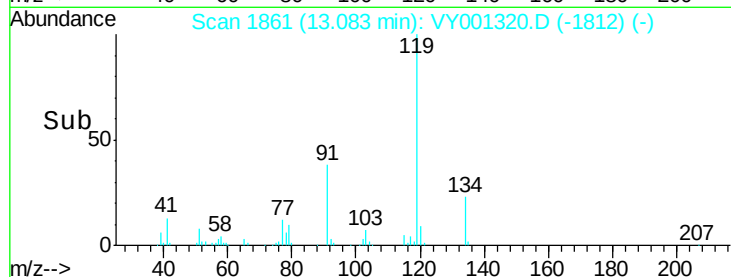
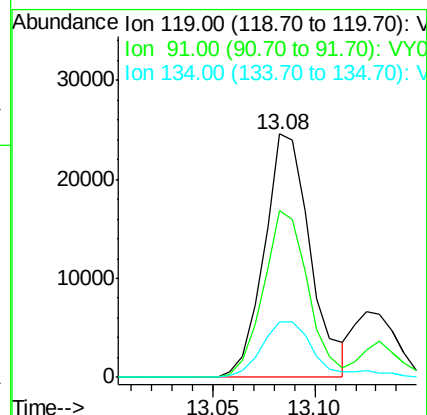
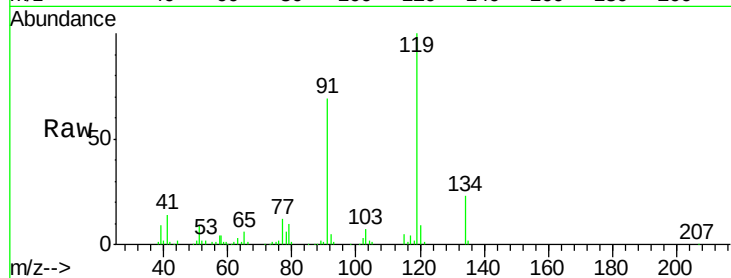




#83
 tert-Butylbenzene
 Concen: 5.33 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

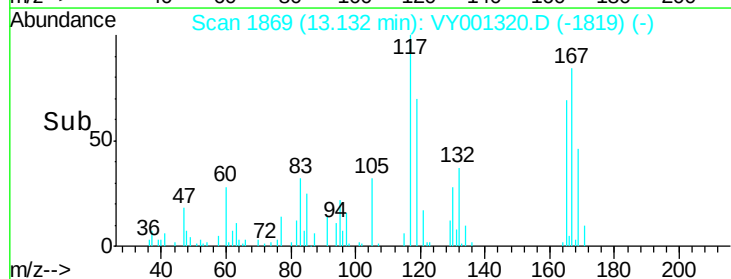
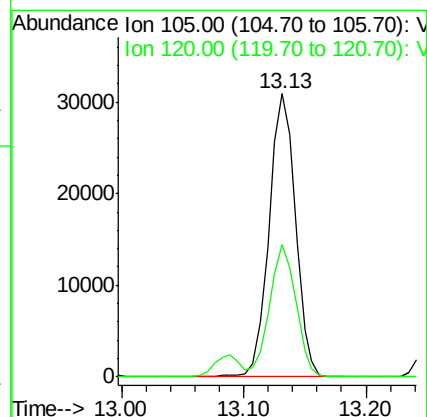
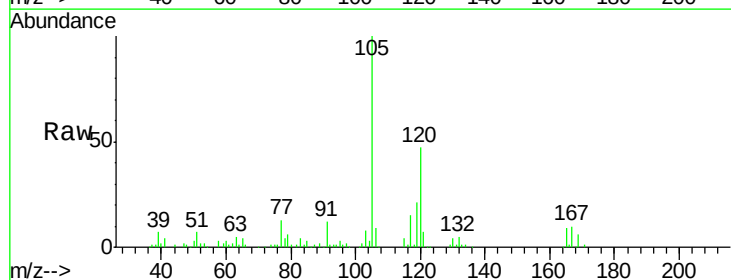
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

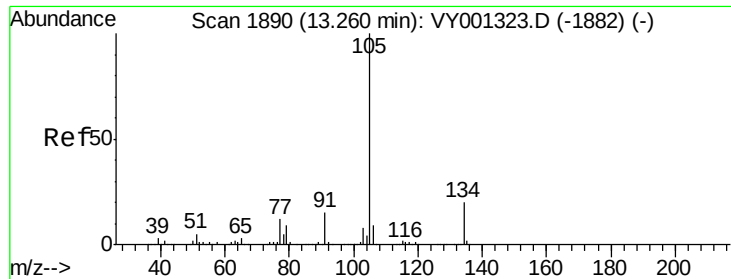
Tgt Ion:119 Resp: 38758
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.0 99.0
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 5.42 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion:105 Resp: 46459
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 5.19 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

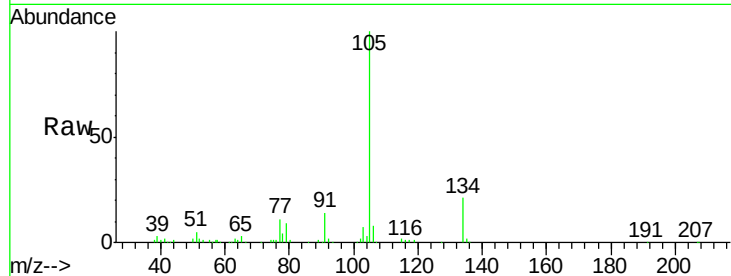
VSTDIC005

Tgt Ion:105 Resp: 54277

Ion Ratio Lower Upper

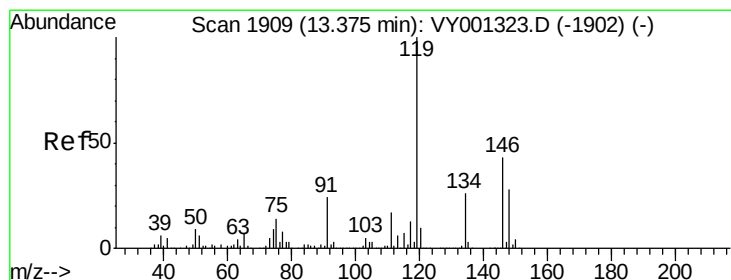
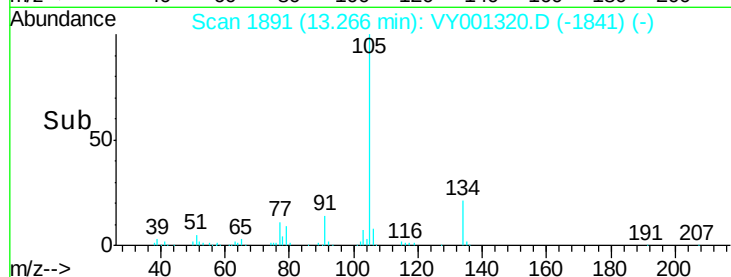
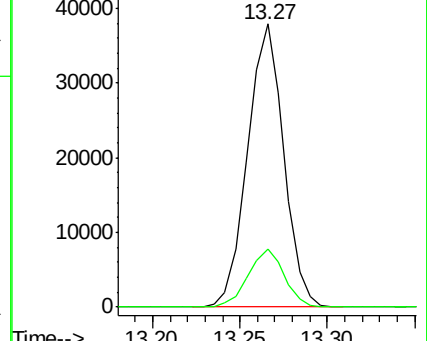
105 100

134 20.4 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.29 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001320.D

Acq: 21 Jan 2020 14:42

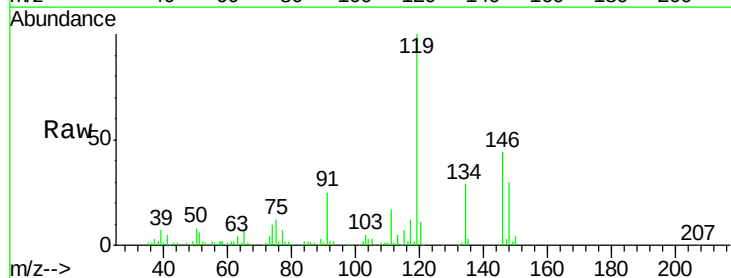
Tgt Ion:119 Resp: 47929

Ion Ratio Lower Upper

119 100

134 28.4 13.5 40.4

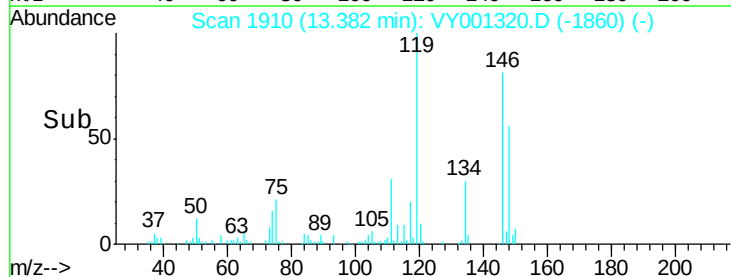
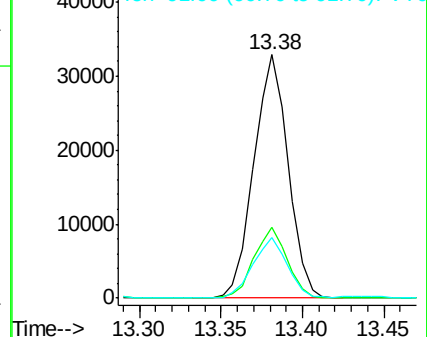
91 25.0 12.2 36.6

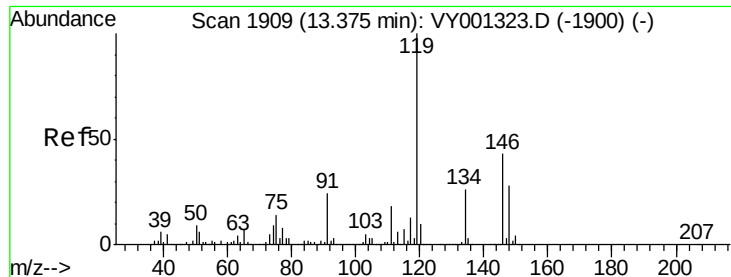


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

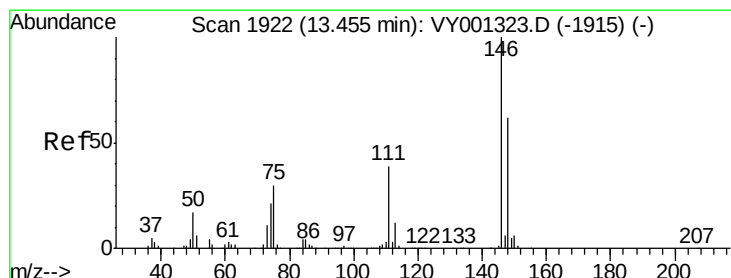
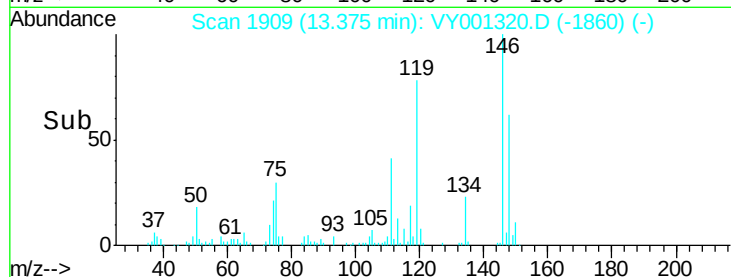
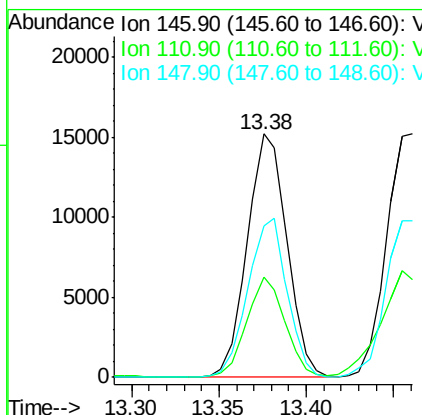
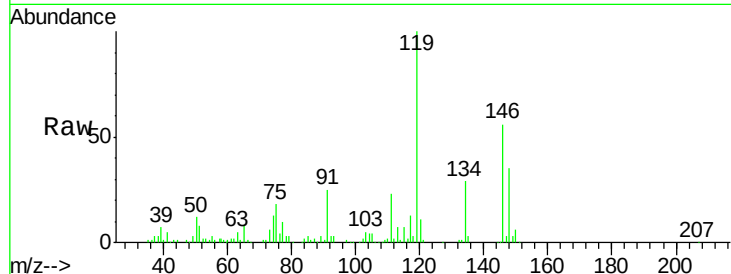




#87
 1,3-Dichlorobenzene
 Concen: 5.54 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

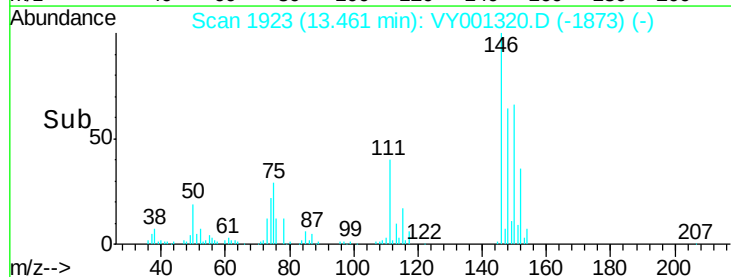
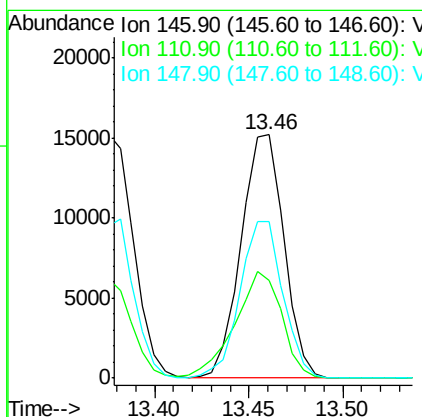
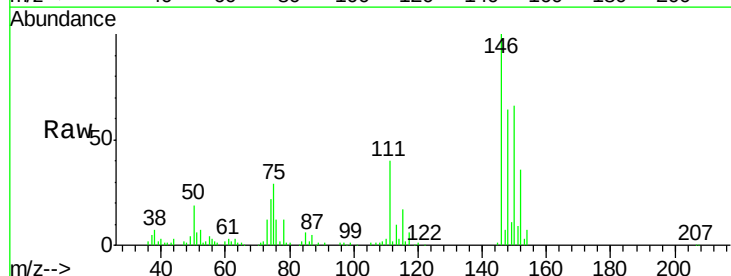
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

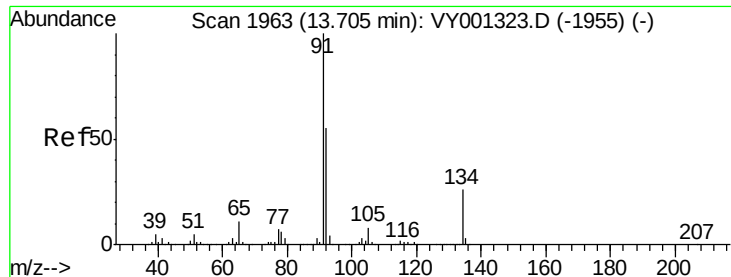
Tgt Ion:146 Resp: 24081
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.6 61.8
 148 64.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 5.41 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion:146 Resp: 24091
 Ion Ratio Lower Upper
 146 100
 111 47.9 20.5 61.5
 148 64.4 31.6 95.0

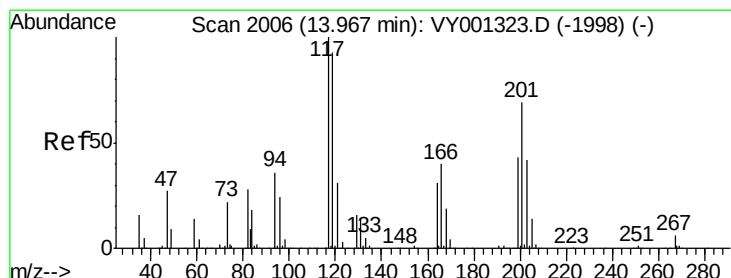
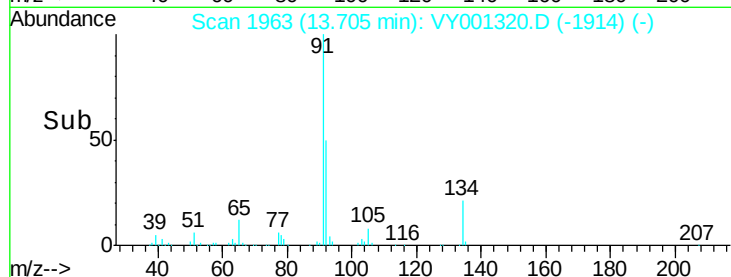
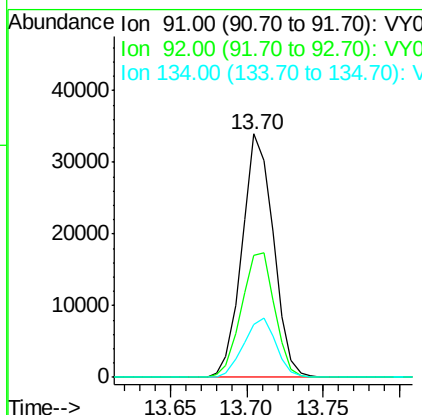
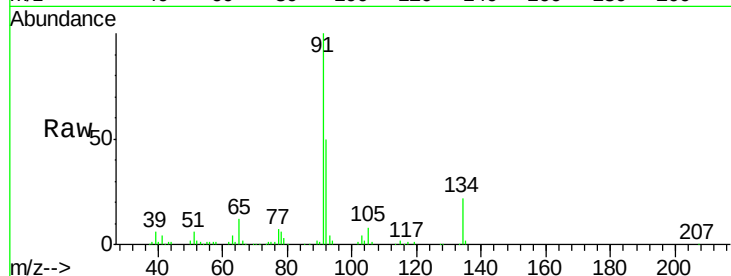




#89
n-Butylbenzene
Concen: 5.31 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

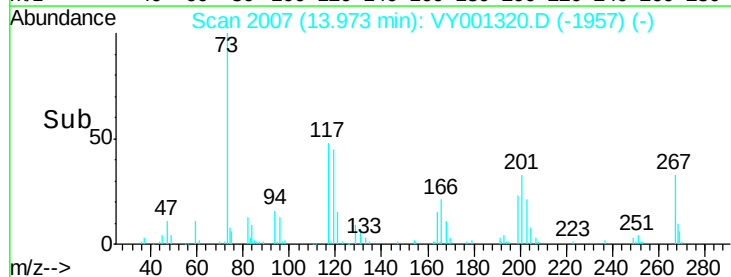
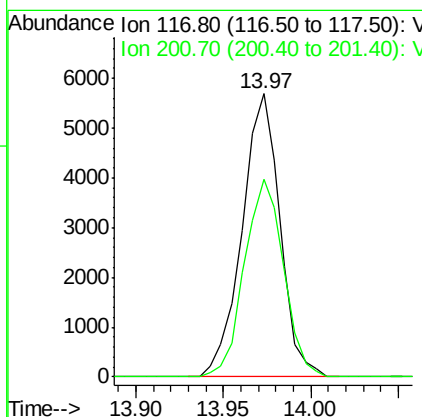
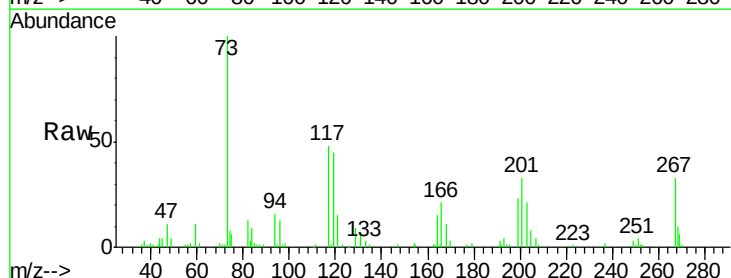
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

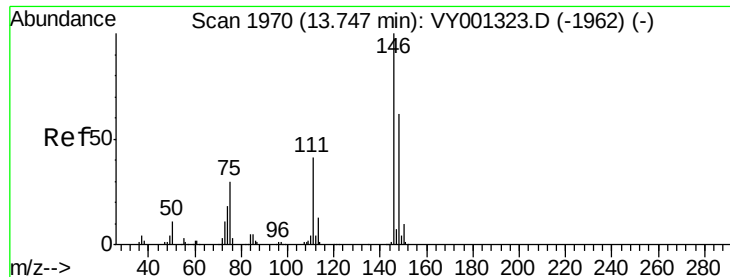
Tgt Ion: 91 Resp: 48361
Ion Ratio Lower Upper
91 100
92 53.9 27.6 82.8
134 24.9 12.9 38.6



#90
Hexachloroethane
Concen: 4.88 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion: 117 Resp: 8614
Ion Ratio Lower Upper
117 100
201 72.1 34.6 103.8

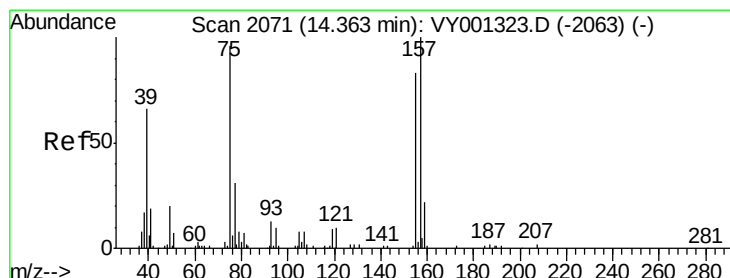
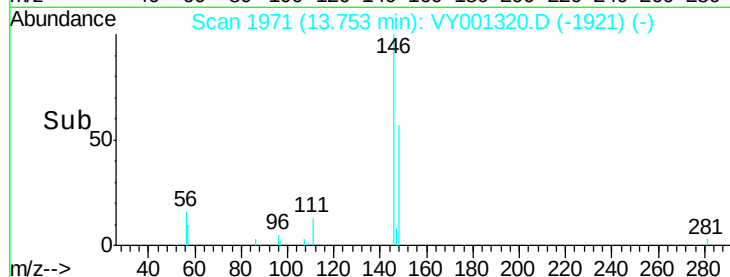
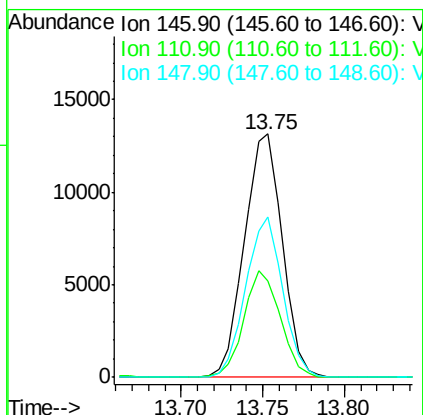
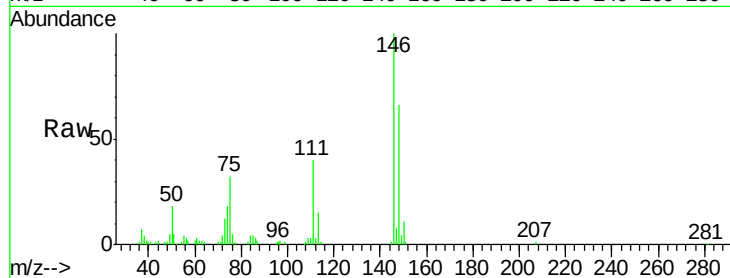




#91
 1,2-Dichlorobenzene
 Concen: 5.27 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

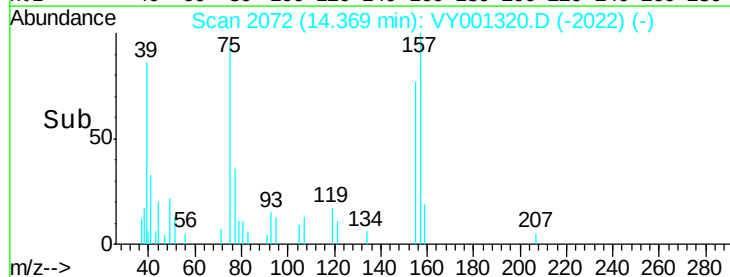
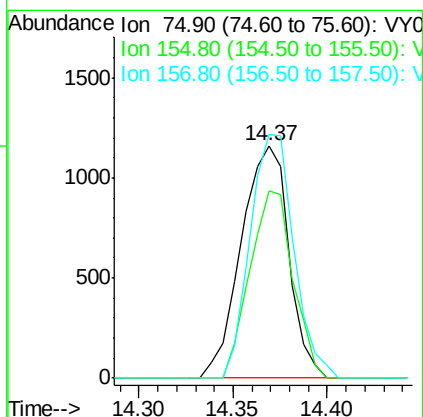
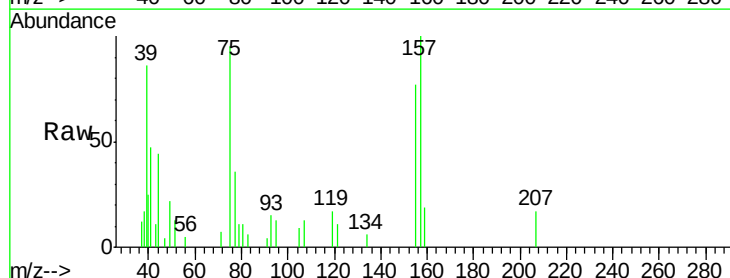
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

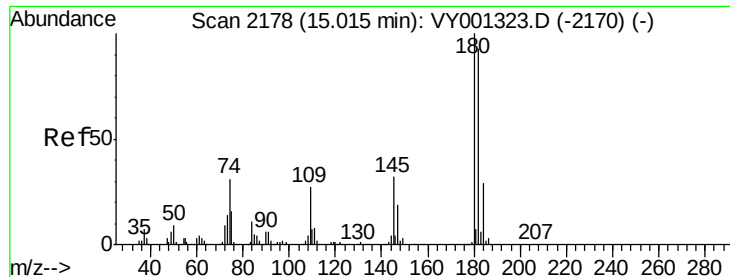
Tgt Ion: 146 Resp: 21254
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.4
 148 64.3 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.20 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion: 75 Resp: 2030
 Ion Ratio Lower Upper
 75 100
 155 72.8 43.0 129.2
 157 96.7 53.3 160.0

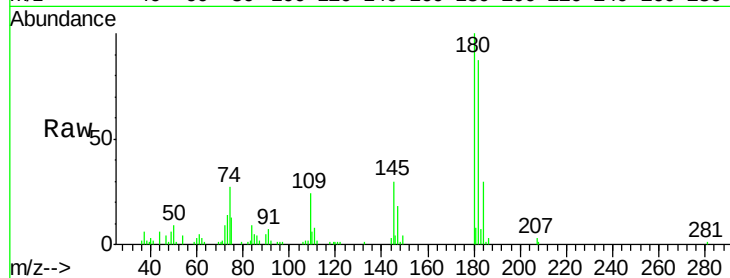




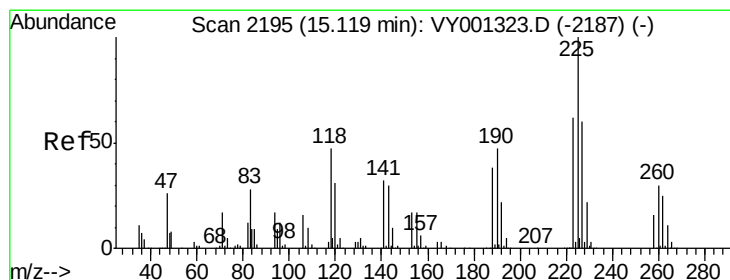
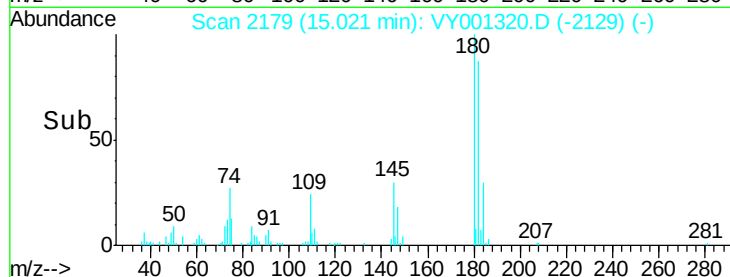
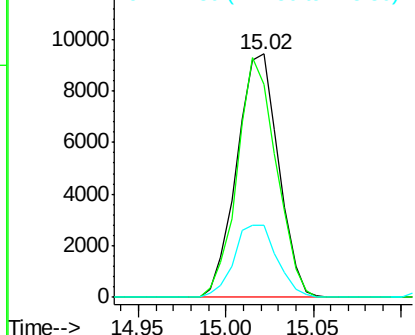
#93
 1,2,4-Trichlorobenzene
 Concen: 5.88 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 15568
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.6 142.8
 145 30.9 16.3 48.9

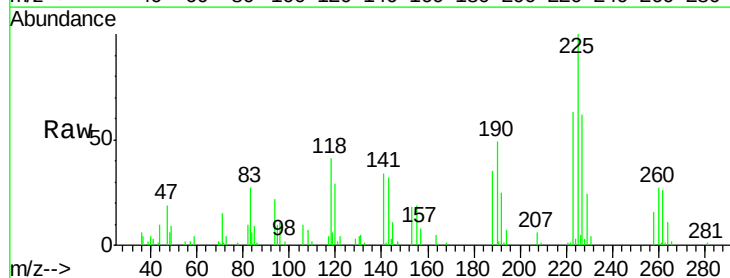


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

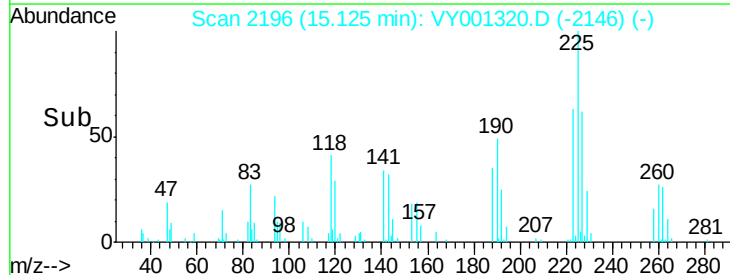
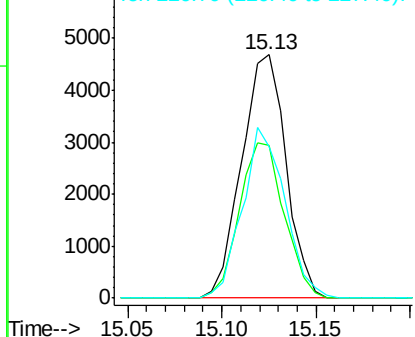


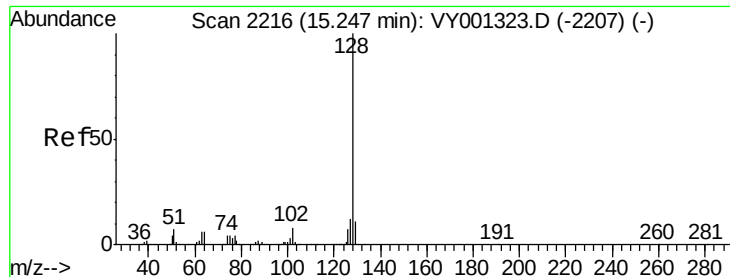
#94
 Hexachlorobutadiene
 Concen: 5.78 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001320.D
 Acq: 21 Jan 2020 14:42

Tgt Ion:225 Resp: 7674
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.2 93.6
 227 67.1 31.0 93.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

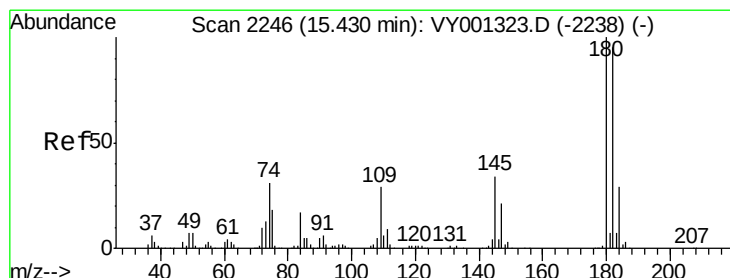
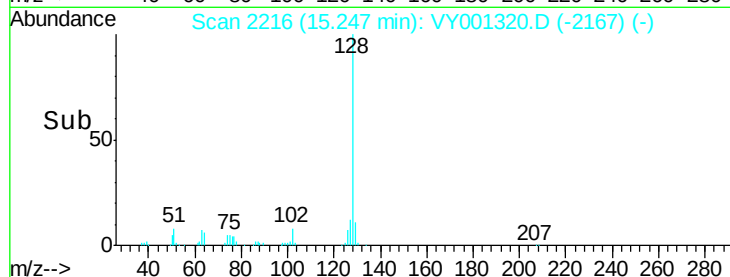
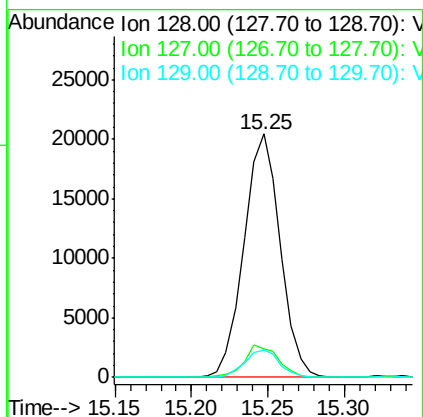
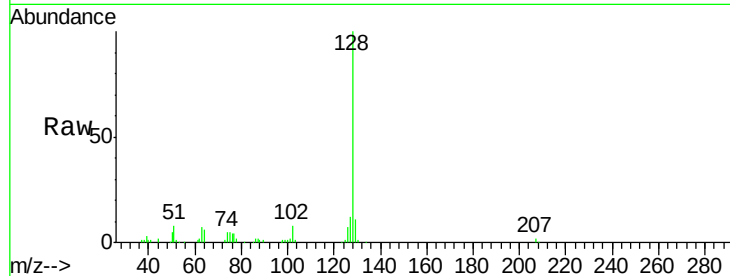




#95
Naphthalene
Concen: 5.46 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 33628
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.71 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001320.D
Acq: 21 Jan 2020 14:42

Tgt Ion:180 Resp: 13361
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 34.0 16.8 50.3

