

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002398.D
 Acq On : 17 Apr 2020 14:50
 Operator : SY/MD
 Sample : L2271-06MSD
 Misc : 3.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:37:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	49481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	82731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	53851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	12918	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	28872	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
35) Dibromofluoromethane	7.74	113	30419	61.79	ug/l	0.00
Spiked Amount			Recovery	=	123.58%	
50) Toluene-d8	10.19	98	97158	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.49	95	18627	27.40	ug/l	0.00
Spiked Amount			Recovery	=	54.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	27800	55.591	ug/l	92
3) Chloromethane	2.12	50	36326	57.717	ug/l	99
4) Vinyl Chloride	2.26	62	37479	55.946	ug/l	99
5) Bromomethane	2.67	94	24998	60.427	ug/l	97
6) Chloroethane	2.81	64	23609	61.108	ug/l	97
7) Trichlorofluoromethane	3.15	101	47141	54.489	ug/l	95
8) Diethyl Ether	3.55	74	26390	71.753	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.93	101	29900	50.879	ug/l	98
10) Methyl Iodide	4.12	142	35826	52.446	ug/l	95
11) Tert butyl alcohol	4.99	59	21152	377.994	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	34083	57.046	ug/l	83
14) Allyl chloride	4.50	41	44108	45.717	ug/l #	91
15) Acrylonitrile	5.19	53	52396	278.582	ug/l	99
16) Acetone	3.97	43	37834	261.050	ug/l	91
17) Carbon Disulfide	4.22	76	84675	42.674	ug/l	95
18) Methyl Acetate	4.50	43	98013	218.028	ug/l	90
19) Methyl tert-butyl Ether	5.25	73	107480	68.427	ug/l	99
20) Methylene Chloride	4.75	84	43461	61.011	ug/l	88
21) trans-1,2-Dichloroethene	5.25	96	33806	50.409	ug/l	94
22) Diisopropyl ether	6.14	45	106445	54.822	ug/l	89
23) Vinyl Acetate	6.14	43	48588	39.269	ug/l #	70
24) 1,1-Dichloroethane	6.05	63	62520	56.611	ug/l	99
25) 2-Butanone	7.01	43	57567	250.991	ug/l	90
26) 2,2-Dichloropropane	7.00	77	48122	52.090	ug/l	96
27) cis-1,2-Dichloroethene	7.01	96	38977	53.317	ug/l	92
28) Bromochloromethane	7.36	49	24535	51.464	ug/l	84
29) Tetrahydrofuran	7.37	42	44945	296.448	ug/l	87
30) Chloroform	7.53	83	57860	55.579	ug/l	100
31) Cyclohexane	7.80	56	41059	35.418	ug/l	90
32) 1,1,1-Trichloroethane	7.72	97	46980	54.218	ug/l	98
36) 1,1-Dichloropropene	7.94	75	36906	45.290	ug/l	95
37) Ethyl Acetate	7.01	43	57567	123.659	ug/l #	1
38) Carbon Tetrachloride	7.93	117	36047	51.715	ug/l	93
39) Methylcyclohexane	9.20	83	32669	29.471	ug/l	89

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.18	78	138129	55.869	ug/l	99
41) Methacrylonitrile	7.36	41	34163	124.400	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	34884	56.959	ug/l	95
43) Isopropyl Acetate	8.29	43	9125	10.748	ug/l #	58
44) Trichloroethene	8.96	130	37063	50.989	ug/l	89
45) 1,2-Dichloropropane	9.23	63	36021	58.720	ug/l	98
46) Dibromomethane	9.32	93	18905	58.942	ug/l	97
47) Bromodichloromethane	9.51	83	41699	56.660	ug/l	94
48) Methyl methacrylate	9.30	41	24067	63.219	ug/l	87
49) 1,4-Dioxane	9.31	88	8343	1838.853	ug/l #	85
51) 4-Methyl-2-Pentanone	10.08	43	111854	252.829	ug/l	93
52) Toluene	10.25	92	71099	47.718	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	35303	44.027	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	44448	46.107	ug/l #	92
55) 1,1,2-Trichloroethane	10.66	97	28994	61.744	ug/l	98
56) Ethyl methacrylate	10.52	69	2614	3.900	ug/l #	75
57) 1,3-Dichloropropane	10.80	76	47637	57.716	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	81727	235.481	ug/l	96
59) 2-Hexanone	10.85	43	62703	204.214	ug/l	91
60) Dibromochloromethane	11.00	129	27562	55.045	ug/l	98
61) 1,2-Dibromoethane	11.10	107	23720	53.060	ug/l	100
64) Tetrachloroethene	10.73	164	32330	59.381	ug/l	94
65) Chlorobenzene	11.52	112	55464	49.548	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	27453	74.281	ug/l	98
67) Ethyl Benzene	11.60	91	109018	53.198	ug/l	99
68) m/p-Xylenes	11.71	106	78507	102.283	ug/l	96
69) o-Xylene	12.03	106	40613	56.360	ug/l	96
70) Stvrene	12.05	104	49507	39.599	ug/l	97
71) Bromoform	12.22	173	13447	66.906	ug/l #	100
73) Isopropylbenzene	12.34	105	118338	116.606	ug/l	92
74) N-amyl acetate	12.34	43	12408	43.072	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	12.59	83	13187	107.400	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	31887	212.571	ug/l #	100
77) Bromobenzene	12.62	156	17236	77.196	ug/l	94
78) n-propylbenzene	12.68	91	85778	67.960	ug/l	99
79) 2-Chlorotoluene	12.77	91	46881	68.347	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	63554	75.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	7471	96.869	ug/l	95
82) 4-Chlorotoluene	12.86	91	44693	62.166	ug/l	99
83) tert-Butylbenzene	13.08	119	56823	80.826	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	57438	68.532	ug/l	98
85) sec-Butylbenzene	13.26	105	62498	59.676	ug/l	99
86) p-Isopropyltoluene	13.38	119	30395	33.721	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	21980	50.796	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	21295	48.481	ug/l	100
89) n-Butylbenzene	13.70	91	34017	36.818	ug/l	99
90) Hexachloroethane	13.97	117	10635	61.917	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	20893	53.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2722	91.662	ug/l	87
93) 1,2,4-Trichlorobenzene	15.02	180	6275	24.416	ug/l	93

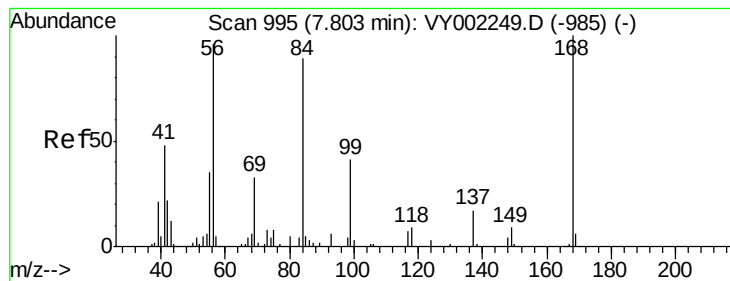
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.12	225	3561	27.510	ug/l	92
95) Naphthalene	15.25	128	15808	28.092	ug/l	98
96) 1,2,3-Trichlorobenzene	15.44	180	4873	21.836	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

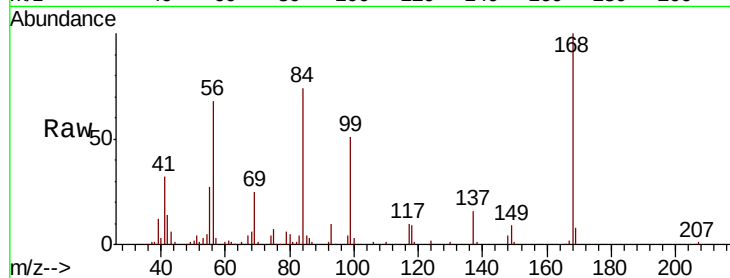
ClientSampleId :

Tot Ion:168 Resp: 49481

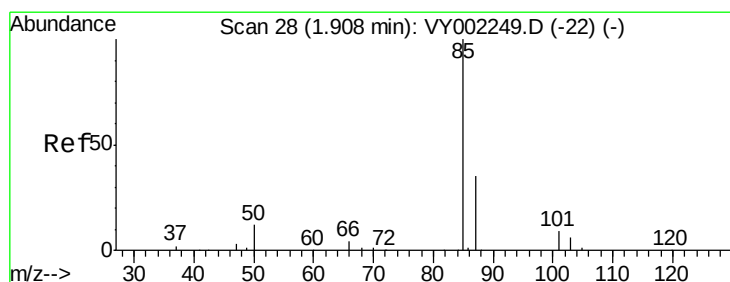
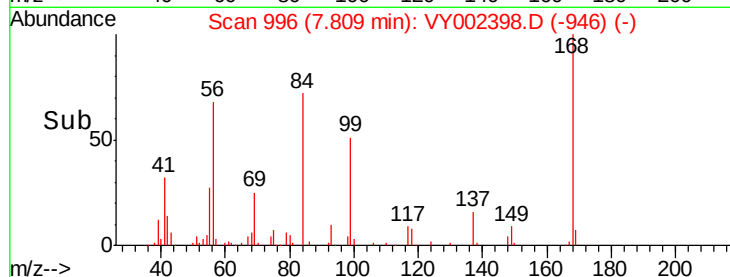
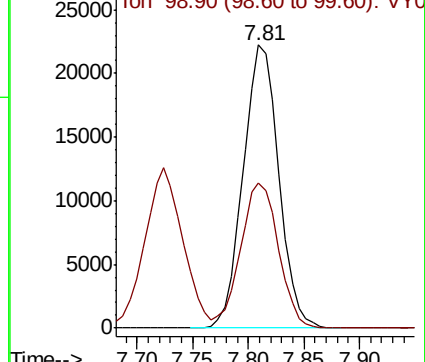
Ion Ratio Lower Upper

168 100

99 51.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 55.591 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002398.D

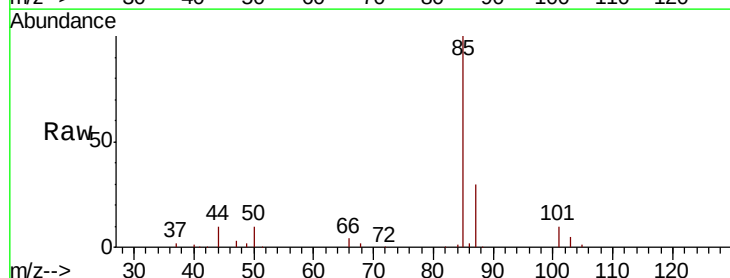
Acq: 17 Apr 2020 14:50

Tgt Ion: 85 Resp: 27800

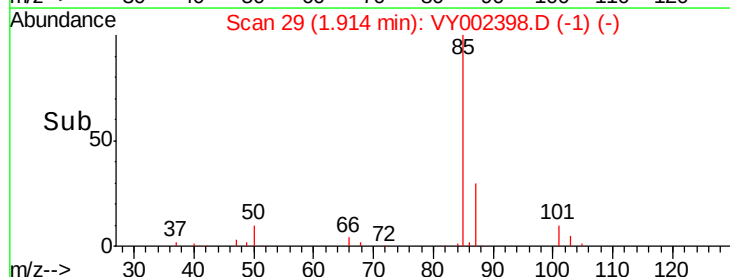
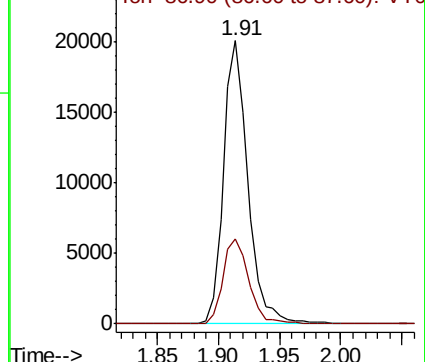
Ion Ratio Lower Upper

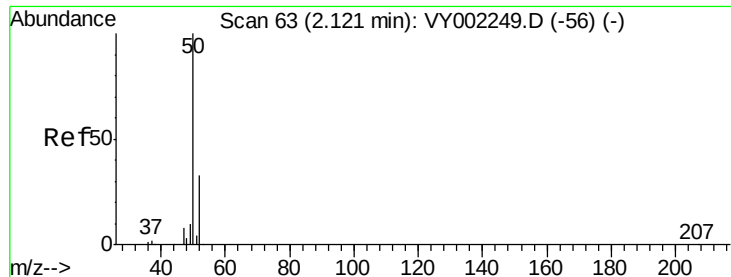
85 100

87 29.9 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 57.717 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

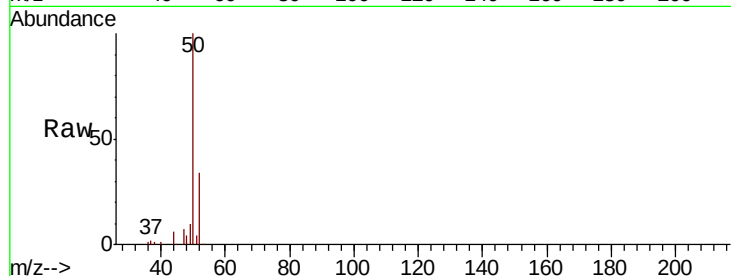
ClientSampled :

Tot Ion: 50 Resp: 36326

Ion Ratio Lower Upper

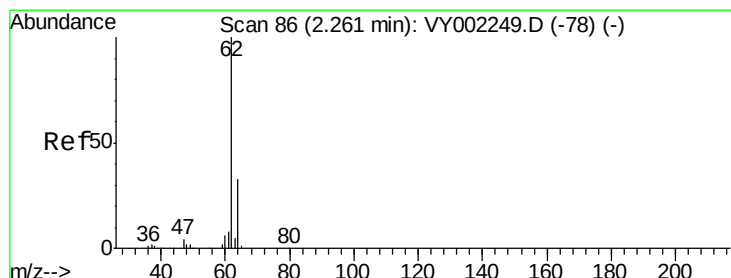
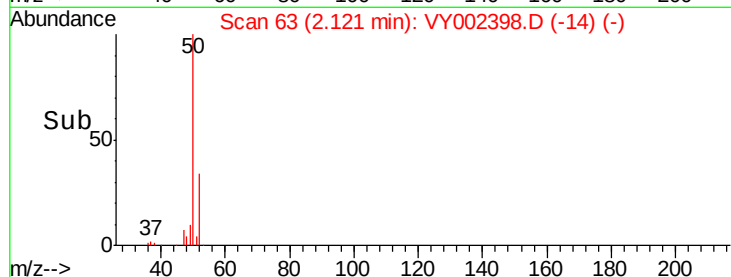
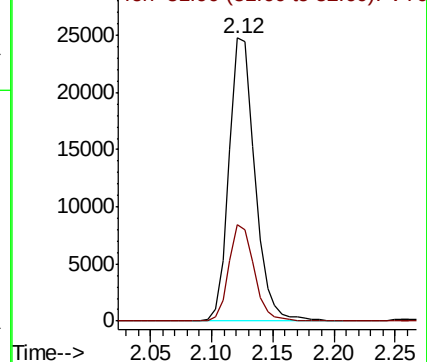
50 100

52 33.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 55.946 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002398.D

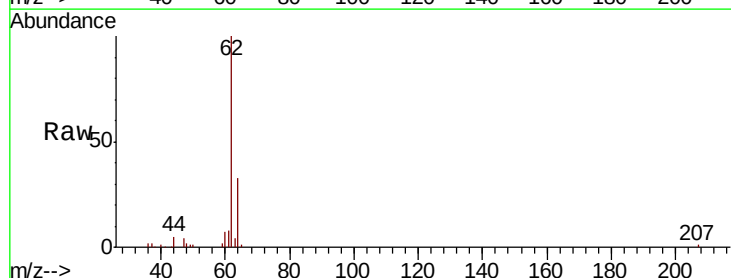
Acq: 17 Apr 2020 14:50

Tgt Ion: 62 Resp: 37479

Ion Ratio Lower Upper

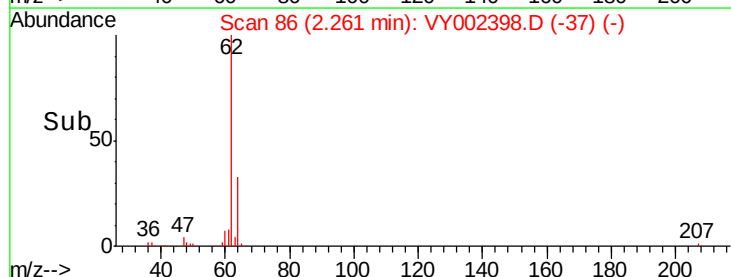
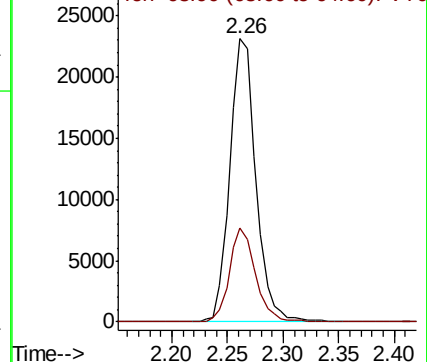
62 100

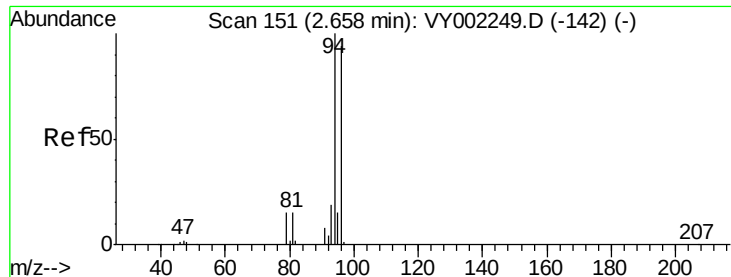
64 33.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 60.427 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

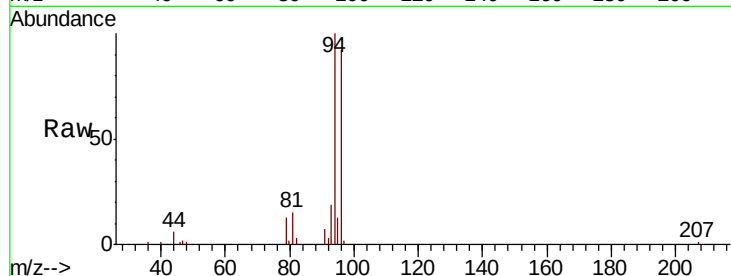
ClientSampleId :

Tot Ion: 94 Resp: 24998

Ion Ratio Lower Upper

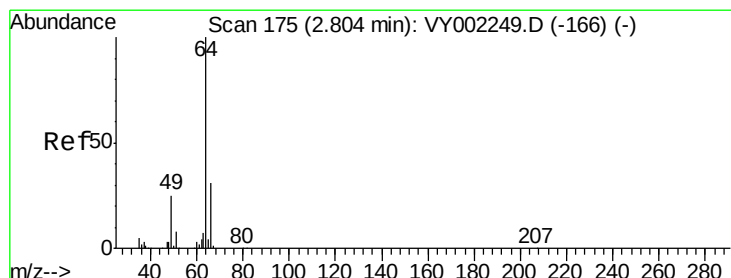
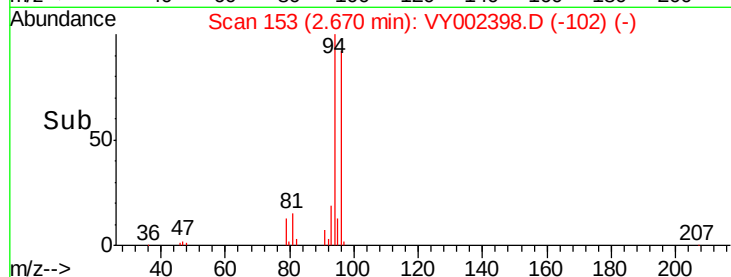
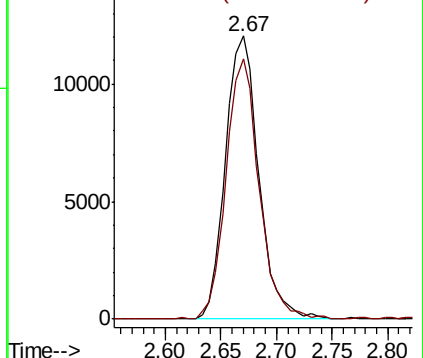
94 100

96 92.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 61.108 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002398.D

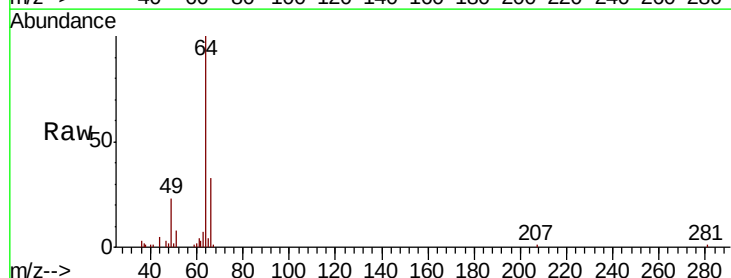
Acq: 17 Apr 2020 14:50

Tgt Ion: 64 Resp: 23609

Ion Ratio Lower Upper

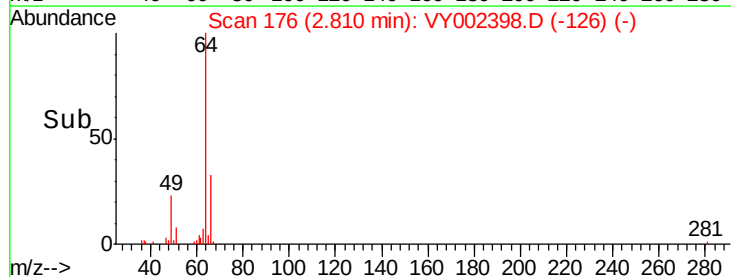
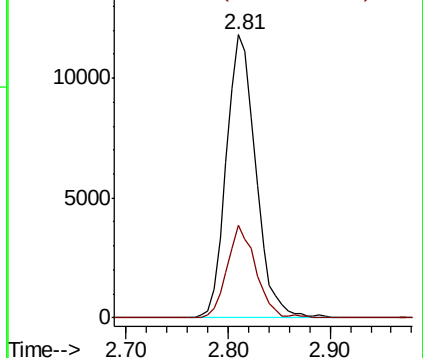
64 100

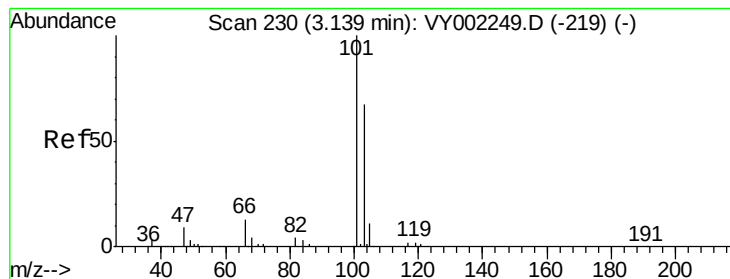
66 32.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



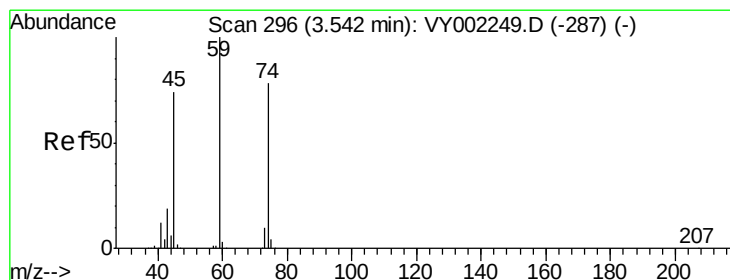
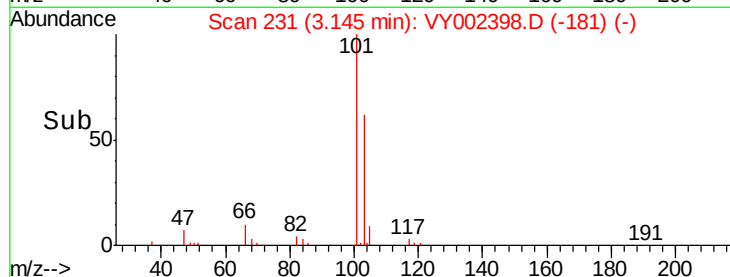
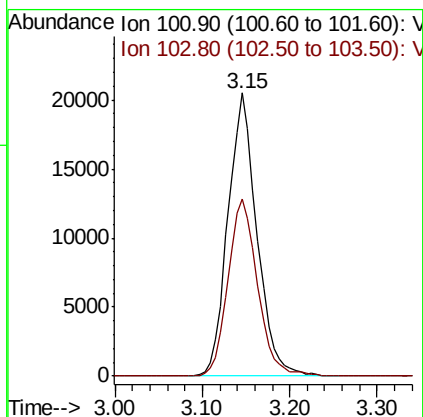
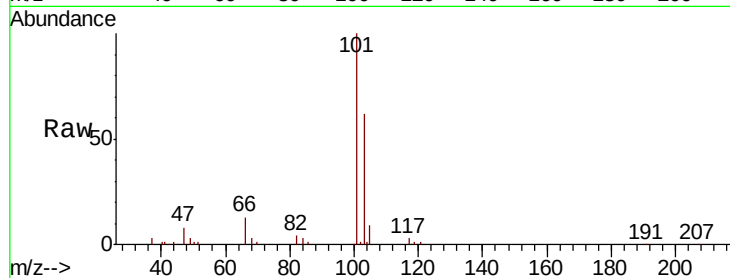


#7

Trichlorofluoromethane
Concen: 54.489 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampled :

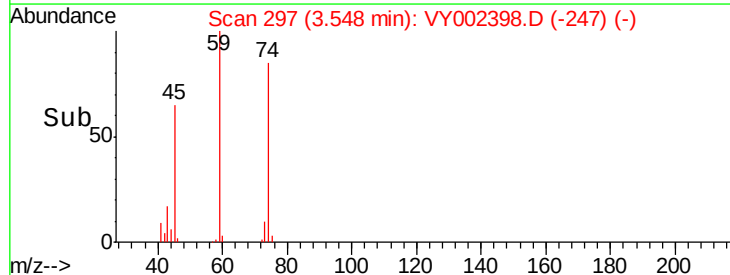
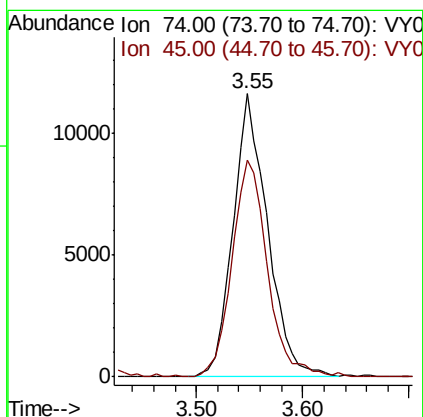
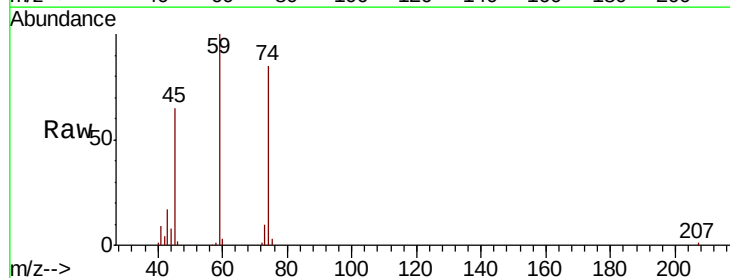
Tot Ion:101 Resp: 47141
Ion Ratio Lower Upper
101 100
103 62.5 53.3 79.9

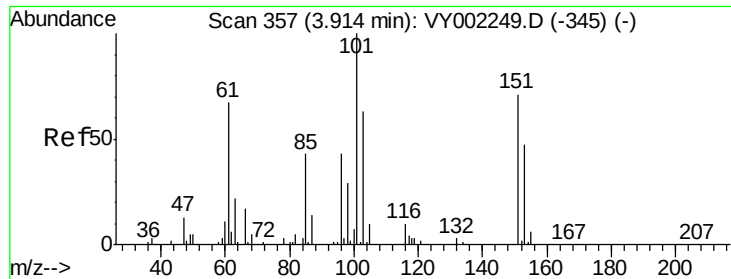


#8

Diethyl Ether
Concen: 71.753 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 74 Resp: 26390
Ion Ratio Lower Upper
74 100
45 79.1 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.879 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

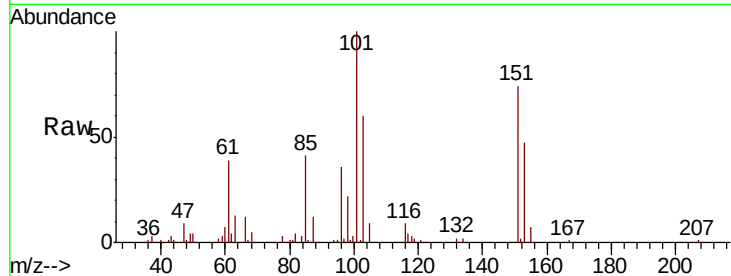
Tot Ion:101 Resp: 29900

Ion Ratio Lower Upper

101 100

85 41.6 34.6 52.0

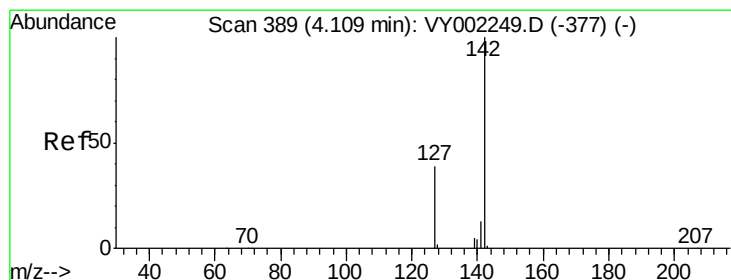
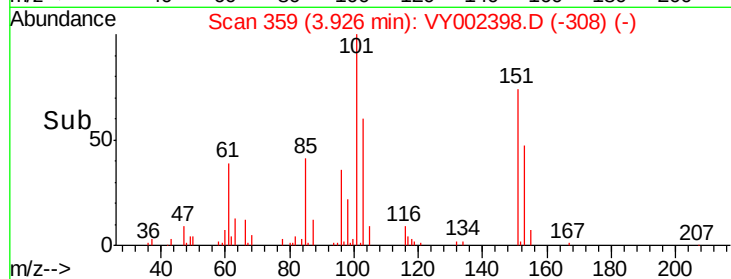
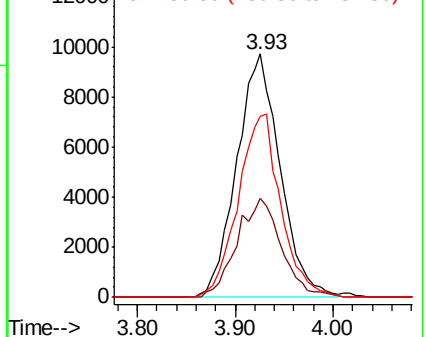
151 73.6 57.6 86.4



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: 52.446 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

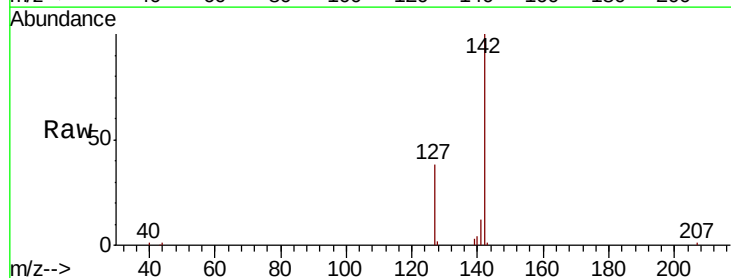
Tgt Ion:142 Resp: 35826

Ion Ratio Lower Upper

142 100

127 36.8 32.4 48.6

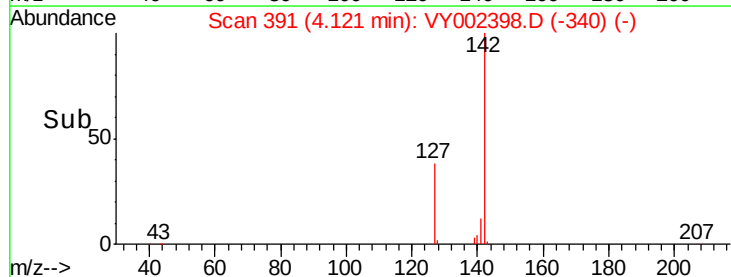
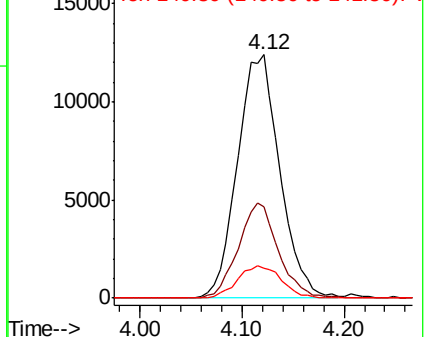
141 13.6 11.2 16.8

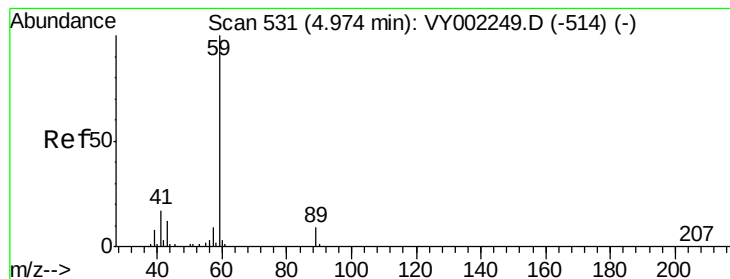


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



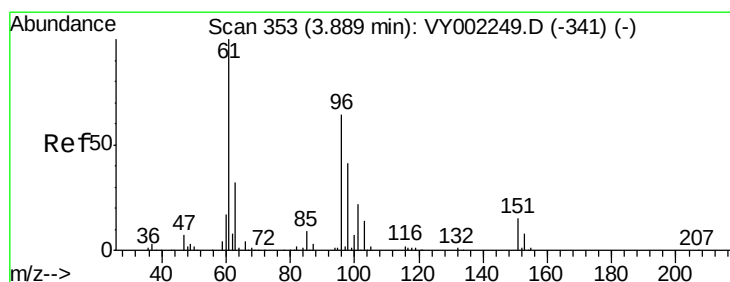
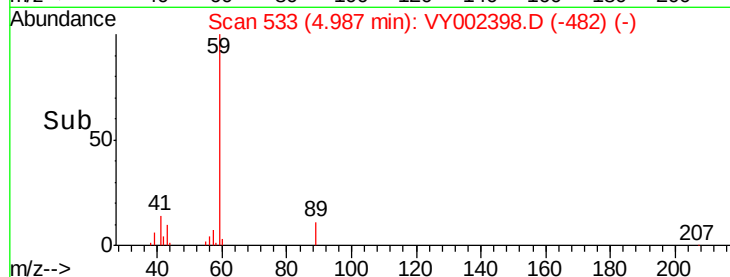
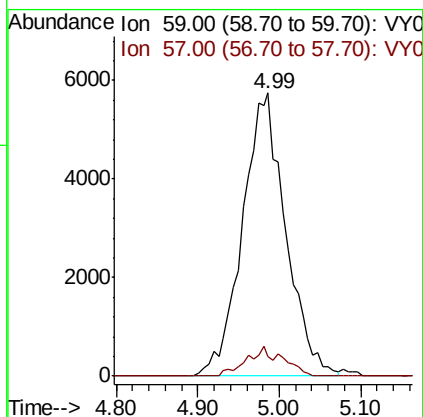
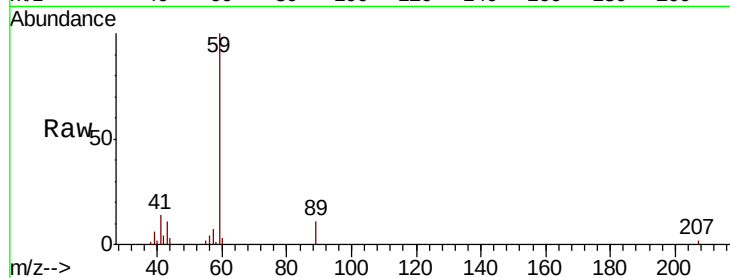


#11

Tert butyl alcohol
 Concen: 377.994 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :

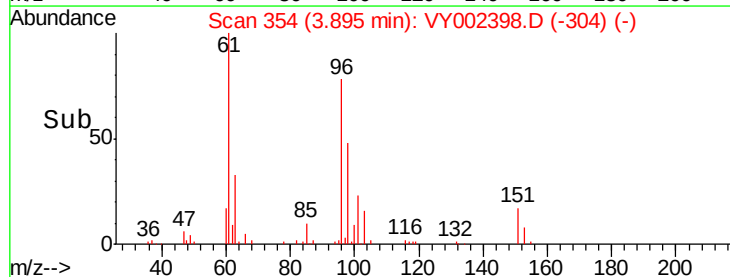
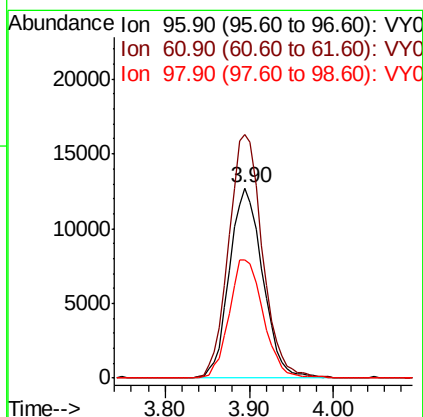
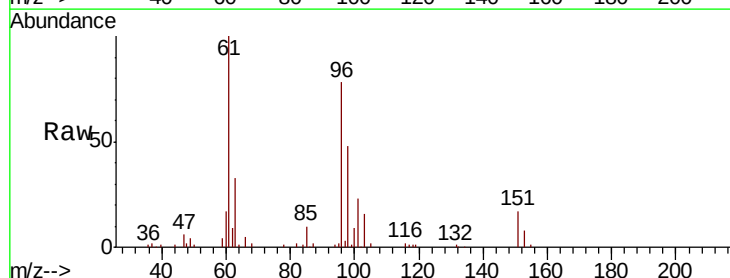
Tot Ion: 59 Resp: 21152
 Ion Ratio Lower Upper
 59 100
 57 5.8 6.6 9.8#

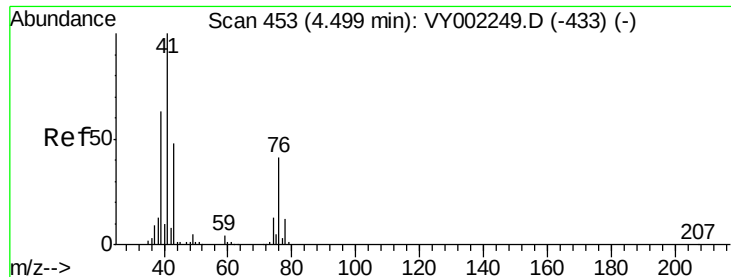


#12

1,1-Dichloroethene
 Concen: 57.046 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion: 96 Resp: 34083
 Ion Ratio Lower Upper
 96 100
 61 128.2 125.9 188.9
 98 62.1 51.1 76.7

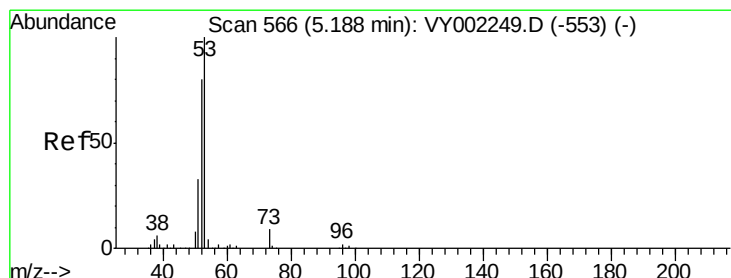
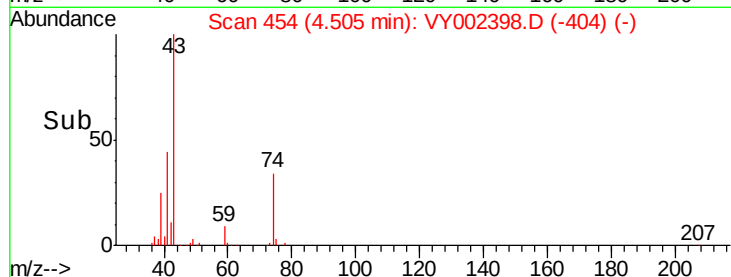
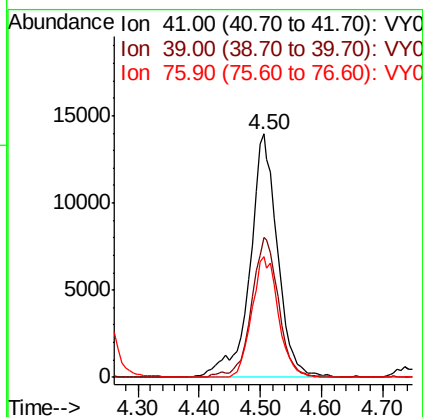
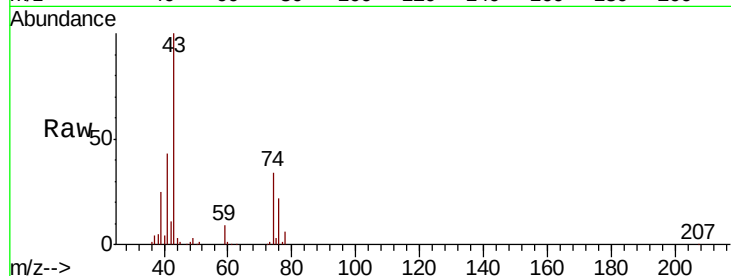




#14
Allvl chloride
Concen: 45.717 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

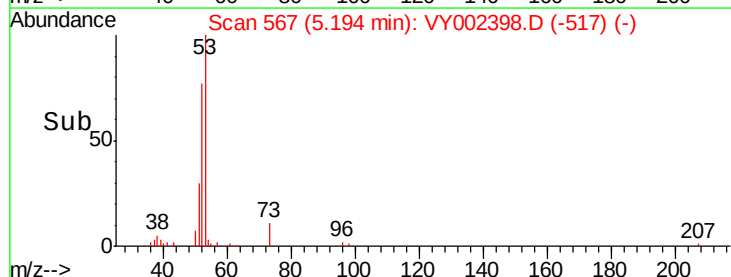
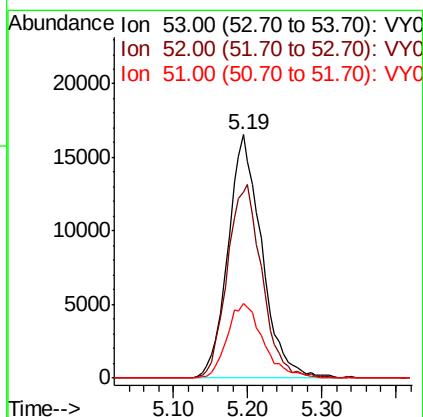
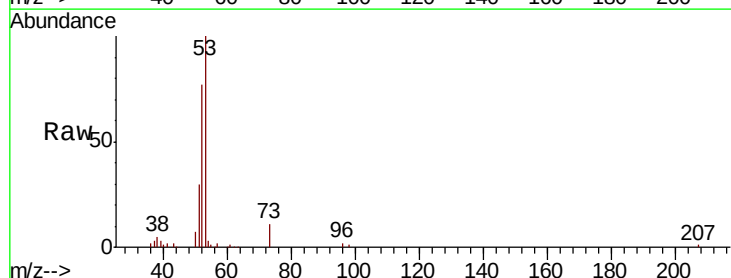
Instrument :
MSVOA_Y
ClientSampleId :

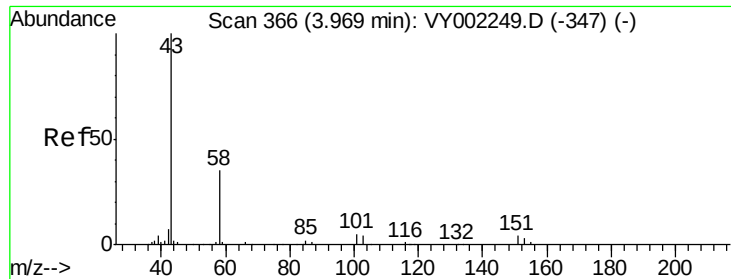
Tot Ion: 41 Resp: 44108
Ion Ratio Lower Upper
41 100
39 56.2 48.0 72.0
76 47.5 31.0 46.6#



#15
Acrylonitrile
Concen: 278.582 ug/l
RT: 5.19 min Scan# 567
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 53 Resp: 52396
Ion Ratio Lower Upper
53 100
52 81.8 65.1 97.7
51 32.9 27.1 40.7





#16

Acetone

Concen: 261.050 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

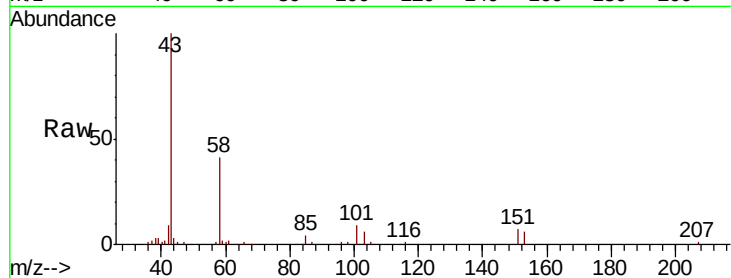
ClientSampled :

Tot Ion: 43 Resp: 37834

Ion Ratio Lower Upper

43 100

58 40.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

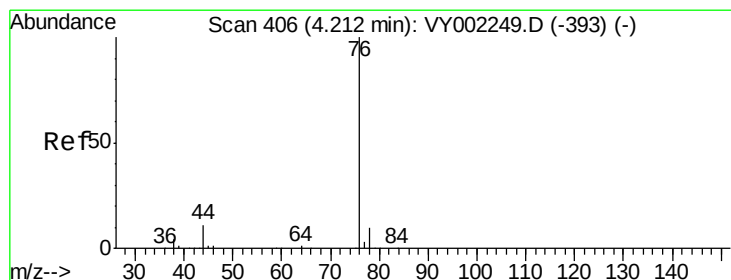
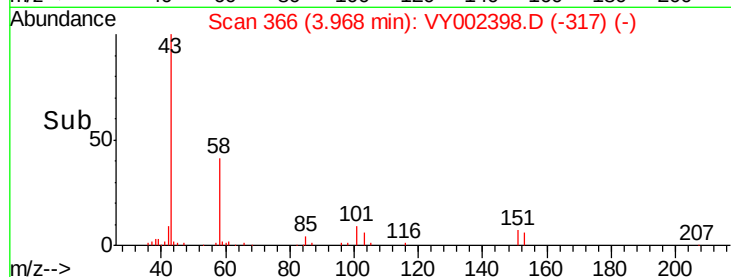
15000

10000

5000

0

Time--> 3.80 3.90 4.00 4.10



#17

Carbon Disulfide

Concen: 42.674 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002398.D

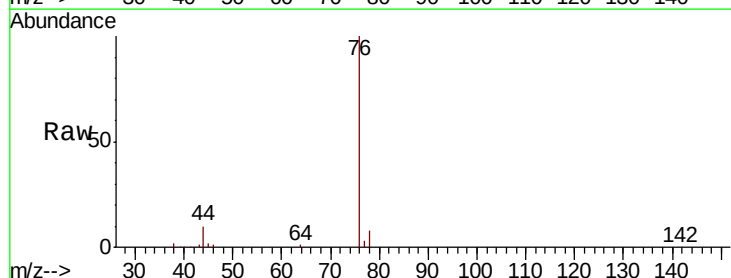
Acq: 17 Apr 2020 14:50

Tgt Ion: 76 Resp: 84675

Ion Ratio Lower Upper

76 100

78 7.8 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

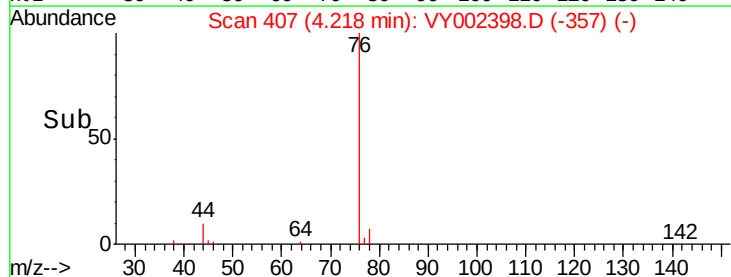
30000

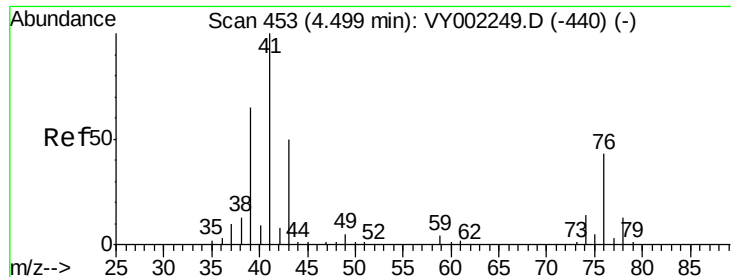
20000

10000

0

Time--> 4.10 4.20 4.30 4.40





#18

Methyl Acetate

Concen: 218.028 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

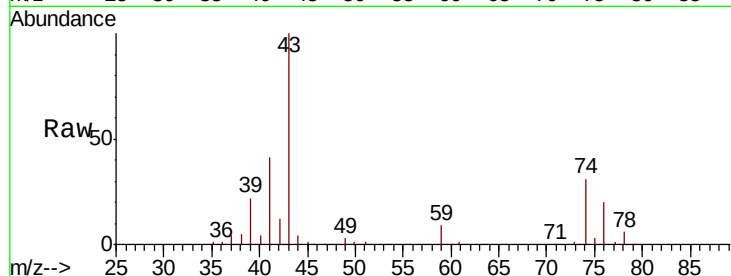
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 98013

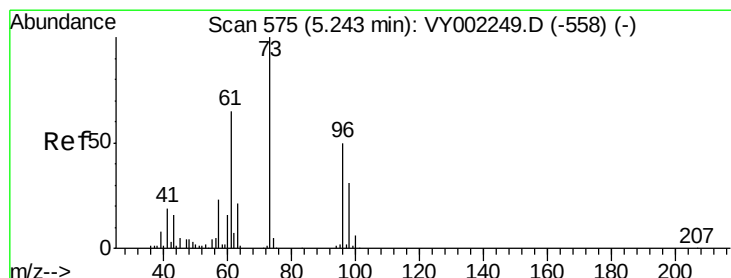
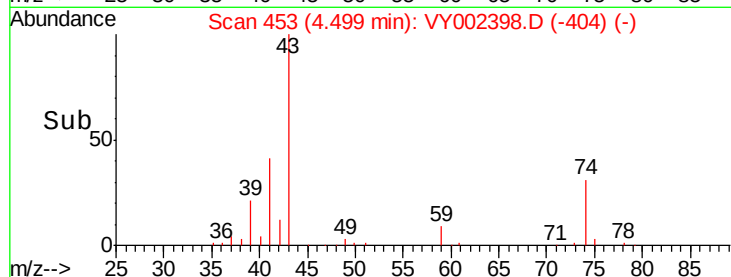
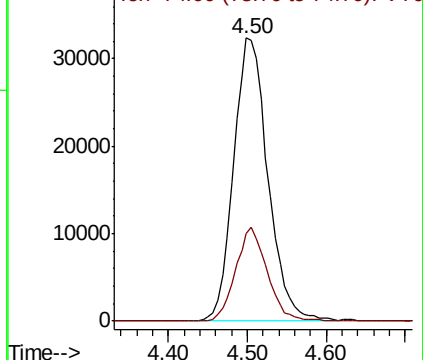
Ion Ratio Lower Upper

43 100

74 30.3 20.3 30.5



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: 68.427 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002398.D

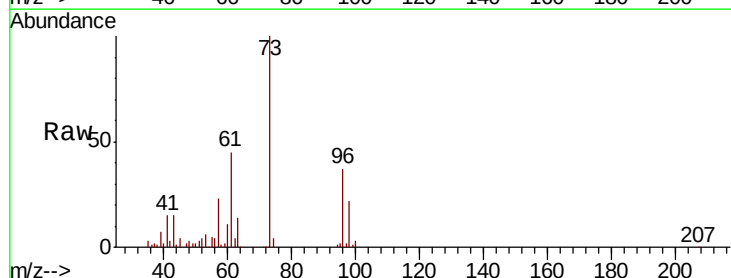
Acq: 17 Apr 2020 14:50

Tgt Ion: 73 Resp: 107480

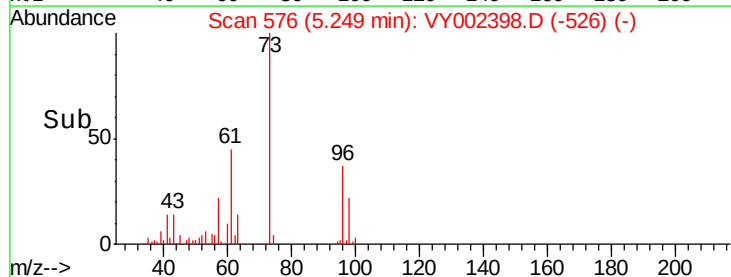
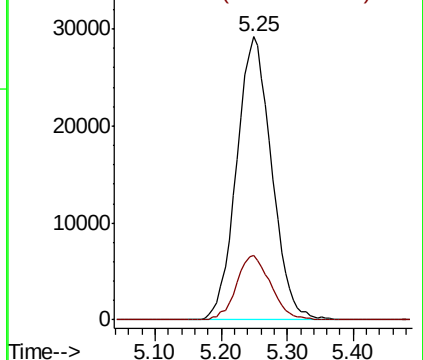
Ion Ratio Lower Upper

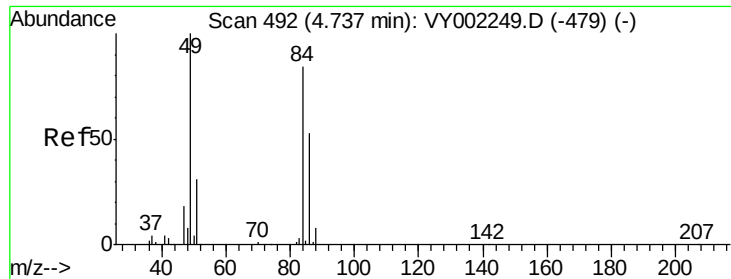
73 100

57 22.9 18.7 28.1



Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

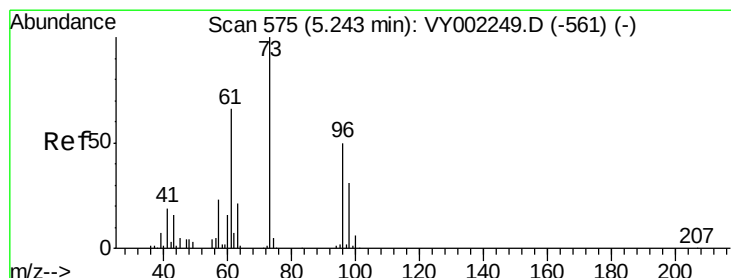
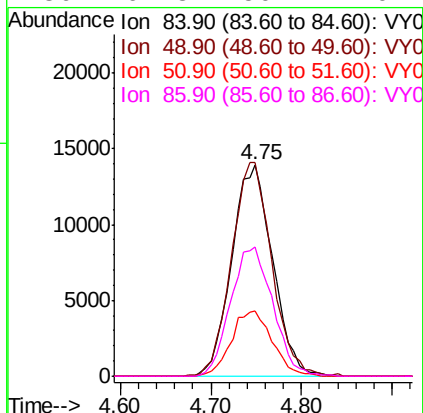
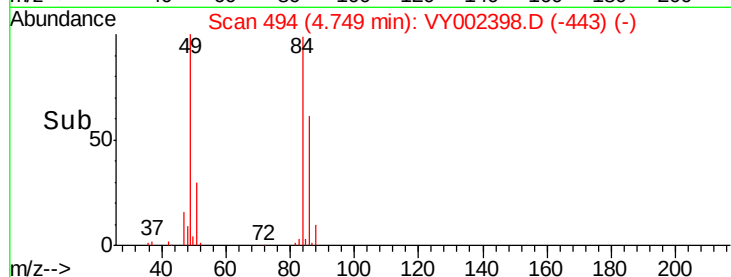
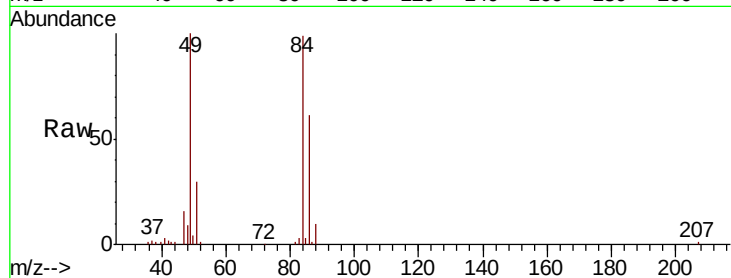




#20
Methylene Chloride
Concen: 61.011 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

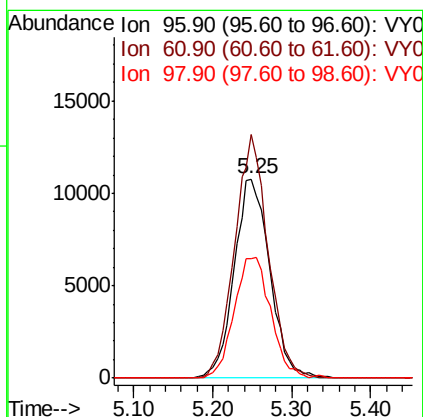
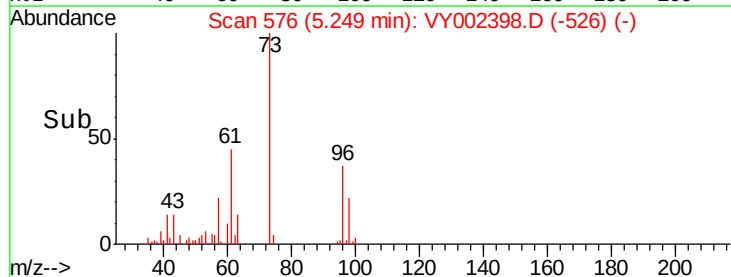
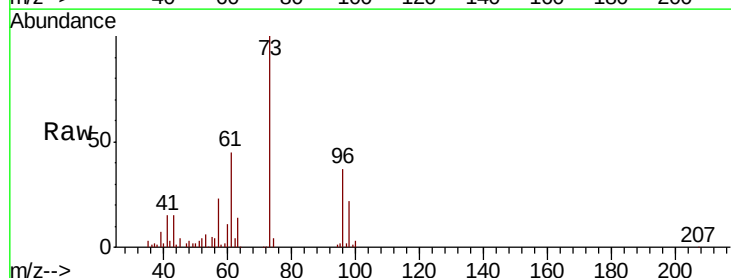
Instrument :
MSVOA_Y
ClientSampleId :

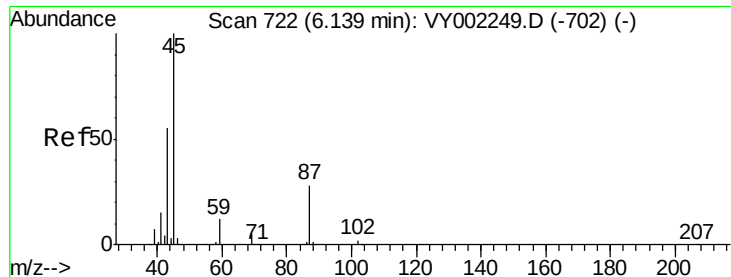
Tot Ion: 84 Resp: 43461
Ion Ratio Lower Upper
84 100
49 100.0 95.5 143.3
51 30.6 29.5 44.3
86 61.3 50.7 76.1



#21
trans-1,2-Dichloroethene
Concen: 50.409 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 96 Resp: 33806
Ion Ratio Lower Upper
96 100
61 122.4 104.6 157.0
98 60.3 50.1 75.1





#22

Diisopropyl ether

Concen: 54.822 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 45 Resp: 106445

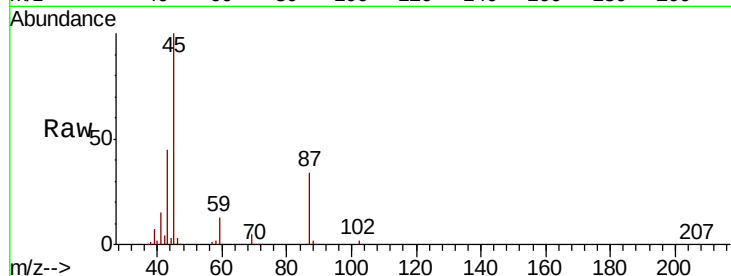
Ion Ratio Lower Upper

45 100

43 45.4 44.7 67.1

87 34.1 23.0 34.4

59 12.8 10.1 15.1

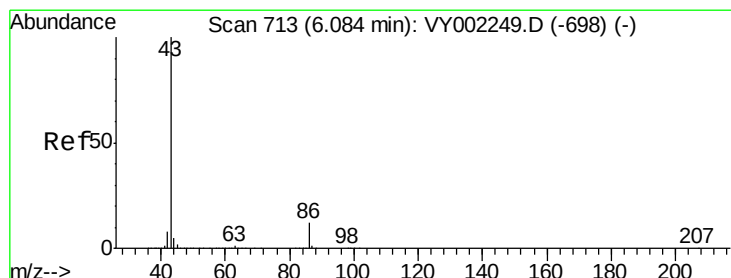
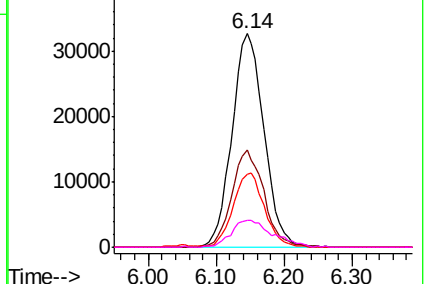
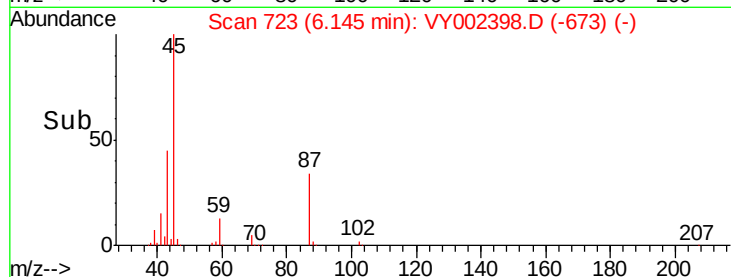


Abundance Ion 45.00 (44.70 to 45.70): VY002398.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VY002398.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VY002398.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VY002398.D (-673) (-)



#23

Vinyl Acetate

Concen: 39.269 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.06 min

Lab File: VY002398.D

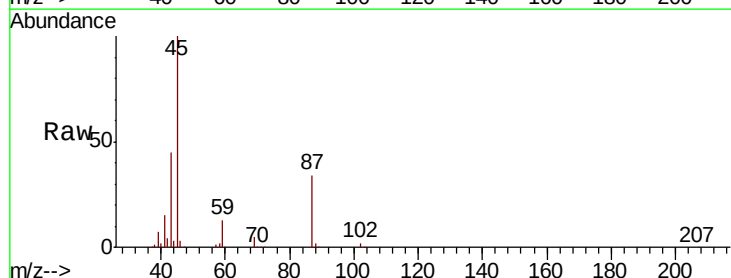
Acq: 17 Apr 2020 14:50

Tgt Ion: 43 Resp: 48588

Ion Ratio Lower Upper

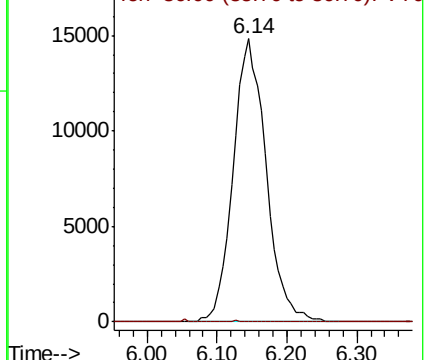
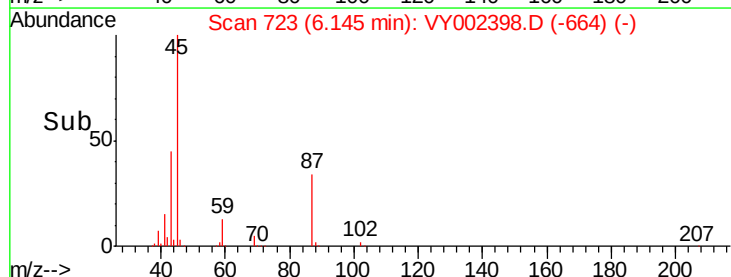
43 100

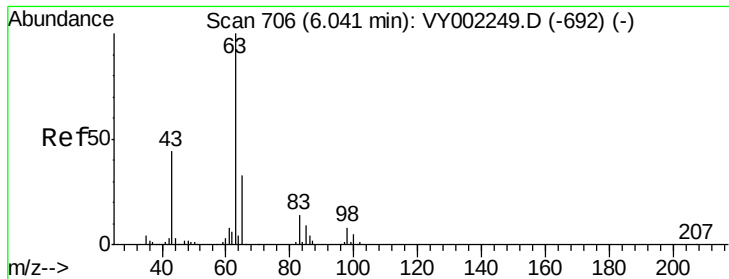
86 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VY002398.D (-664) (-)

Ion 86.00 (85.70 to 86.70): VY002398.D (-664) (-)





#24

1,1-Dichloroethane

Concen: 56.611 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

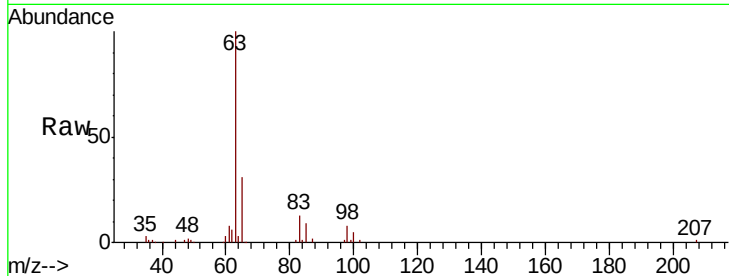
Tot Ion: 63 Resp: 62520

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.0

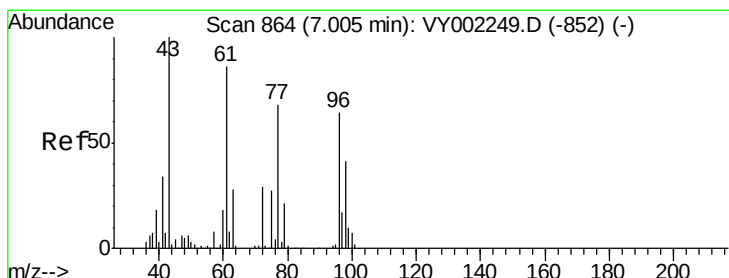
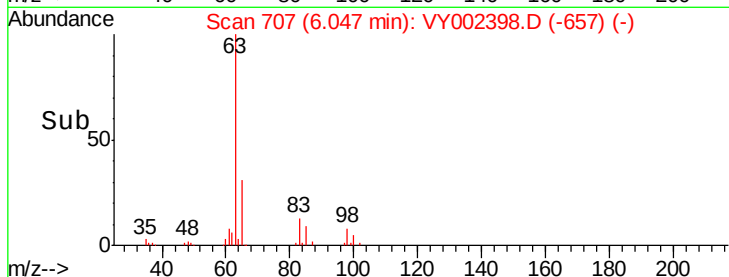
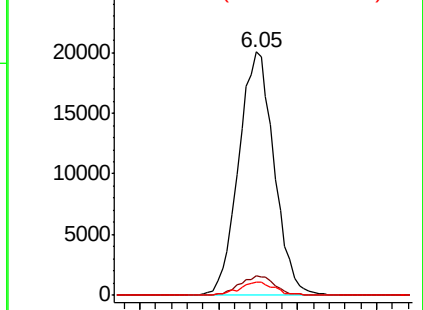
100 5.2 2.4 7.1



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: 250.991 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002398.D

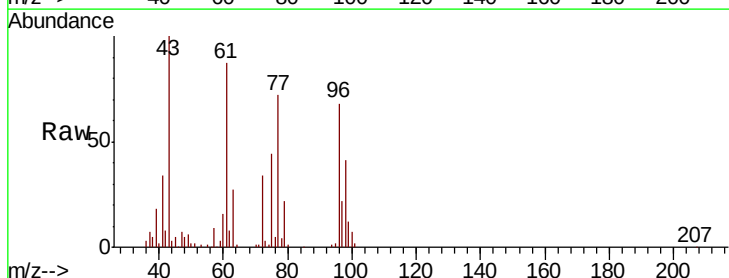
Acq: 17 Apr 2020 14:50

Tgt Ion: 43 Resp: 57567

Ion Ratio Lower Upper

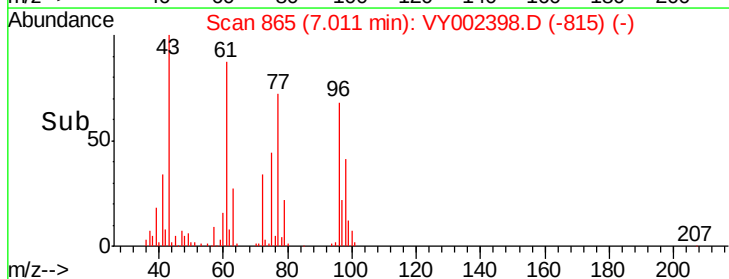
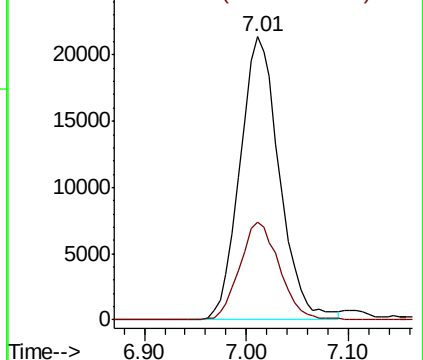
43 100

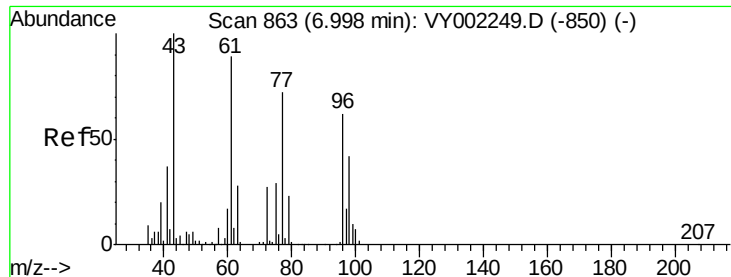
72 34.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

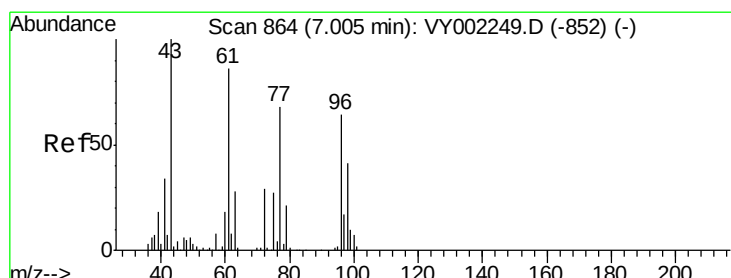
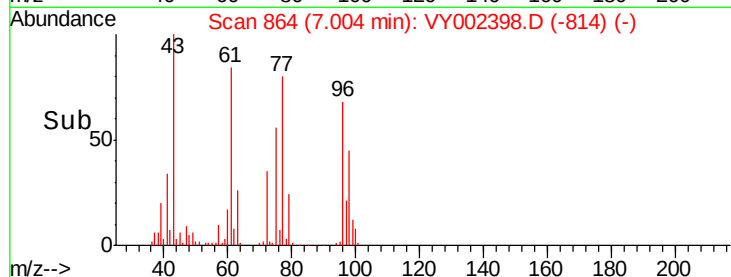
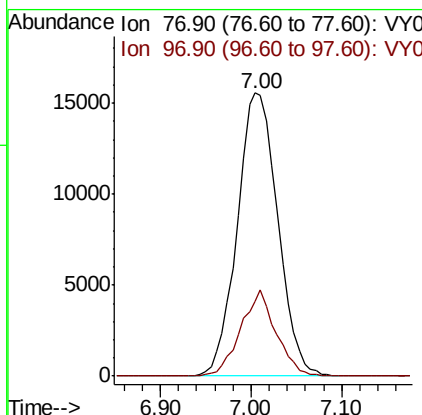
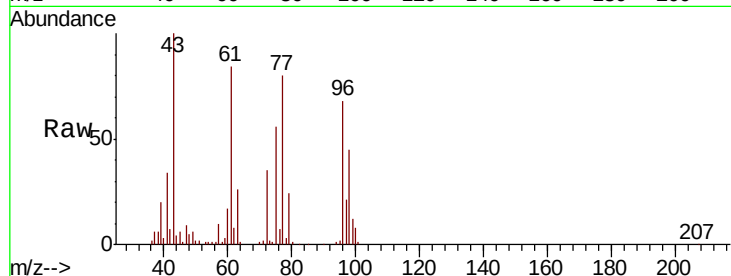




#26
 2,2-Dichloropropane
 Concen: 52.090 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

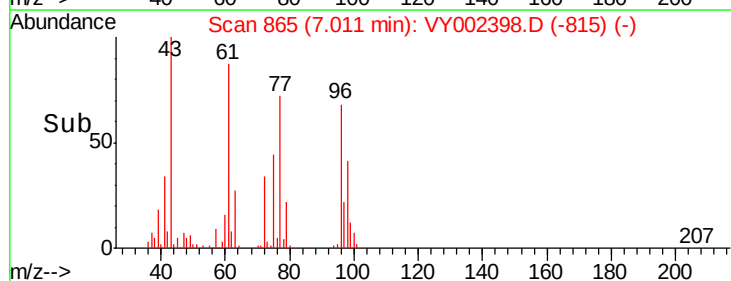
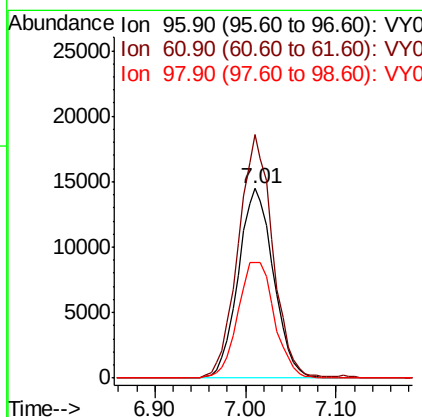
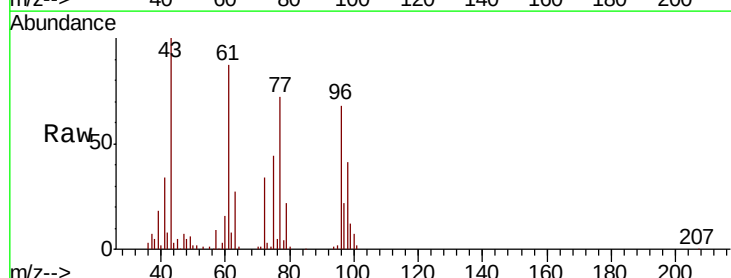
Instrument :
 MSVOA_Y
 ClientSampled :

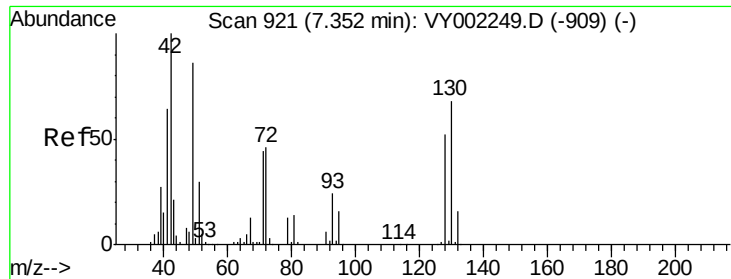
Tot Ion: 77 Resp: 48122
 Ion Ratio Lower Upper
 77 100
 97 26.4 12.2 36.6



#27
 cis-1,2-Dichloroethene
 Concen: 53.317 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion: 96 Resp: 38977
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 278.0
 98 63.2 0.0 128.6

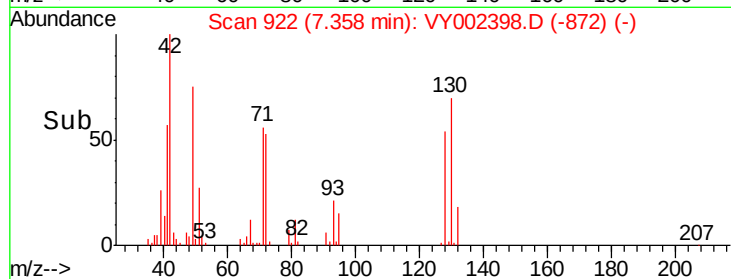
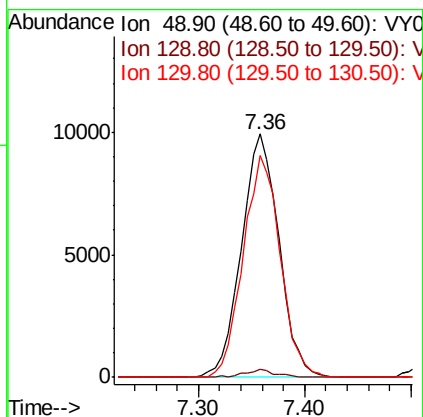
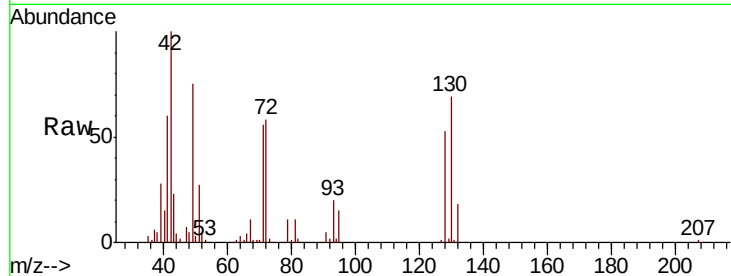




#28
Bromochloromethane
Concen: 51.464 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

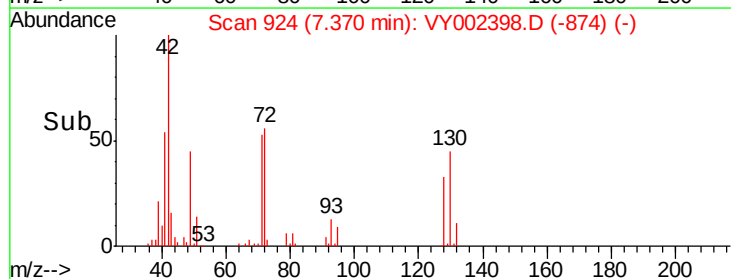
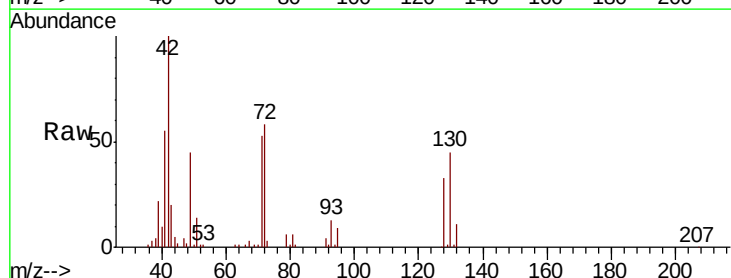
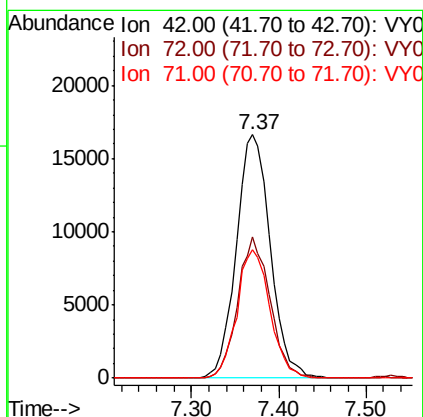
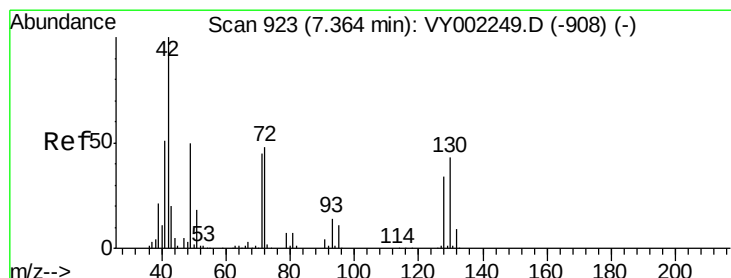
Instrument :
MSVOA_Y
ClientSampleId :

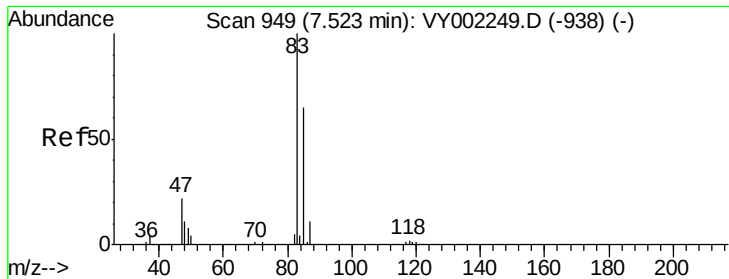
Tot Ion: 49 Resp: 24535
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.2
130 90.0 60.9 91.3



#29
Tetrahydrofuran
Concen: 296.448 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 42 Resp: 44945
Ion Ratio Lower Upper
42 100
72 54.9 36.7 55.1
71 51.2 34.7 52.1

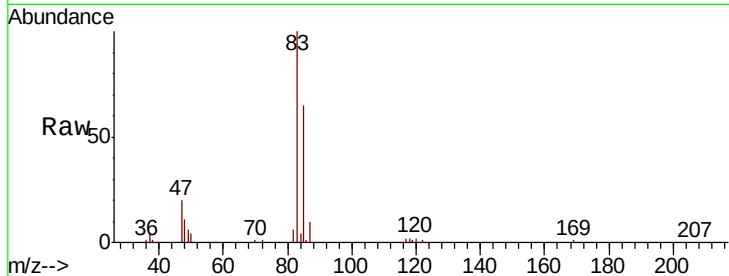




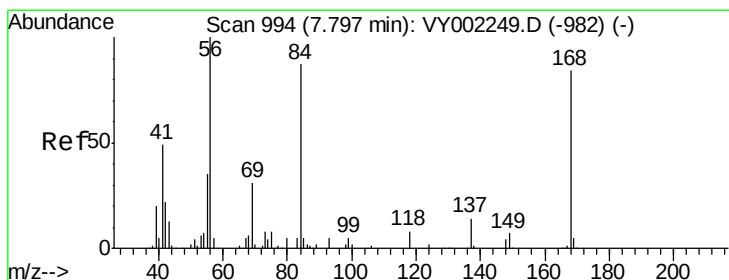
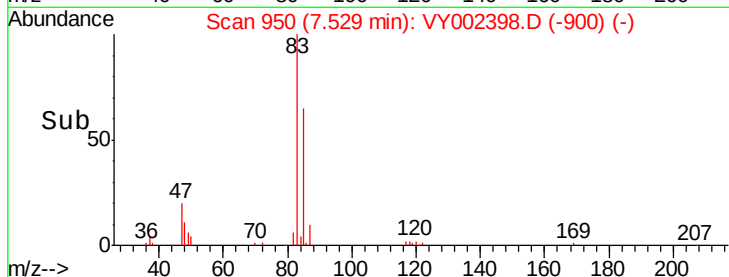
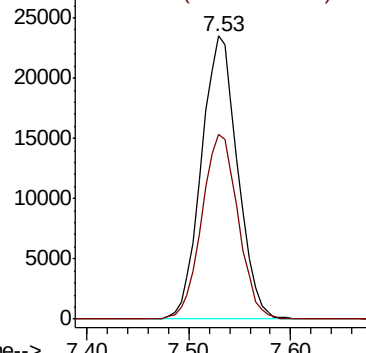
#30
Chloroform
Concen: 55.579 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 57860
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0

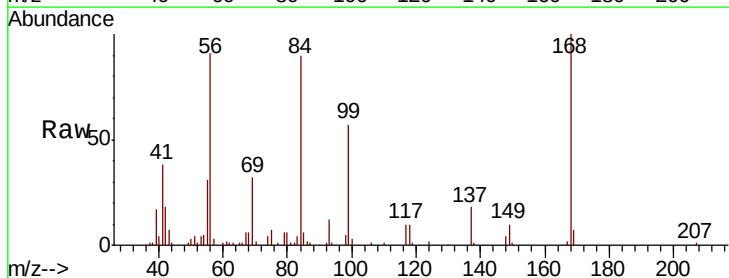


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

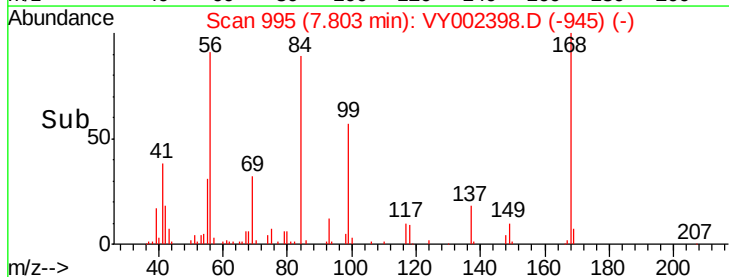
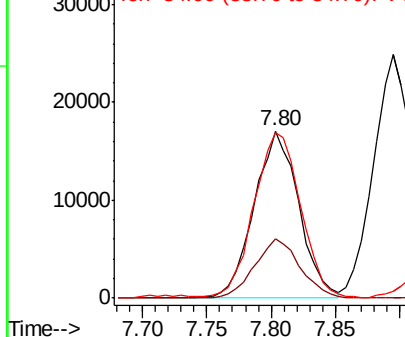


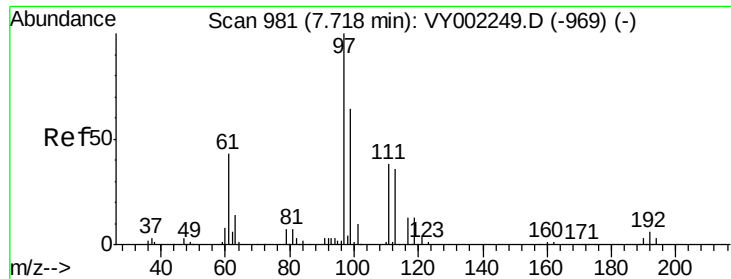
#31
Cyclohexane
Concen: 35.418 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 56 Resp: 41059
Ion Ratio Lower Upper
56 100
69 35.1 25.0 37.6
84 97.8 69.7 104.5



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





#32

1,1,1-Trichloroethane

Concen: 54.218 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

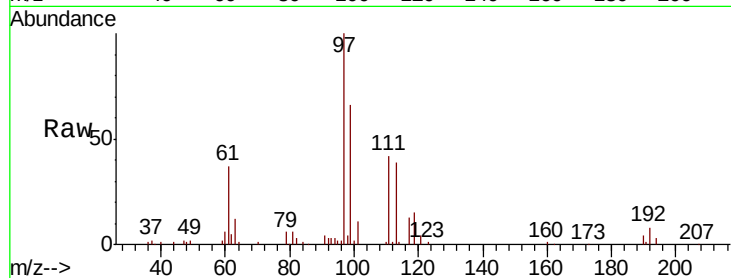
Tot Ion: 97 Resp: 46980

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 40.0 34.3 51.5

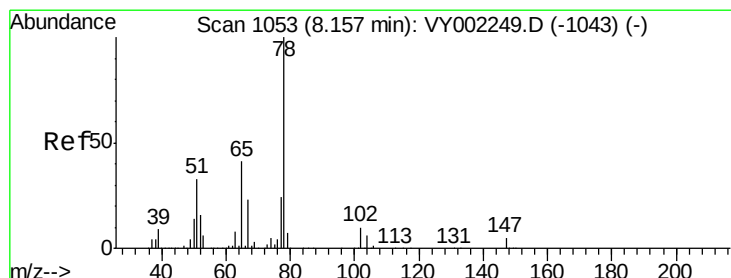
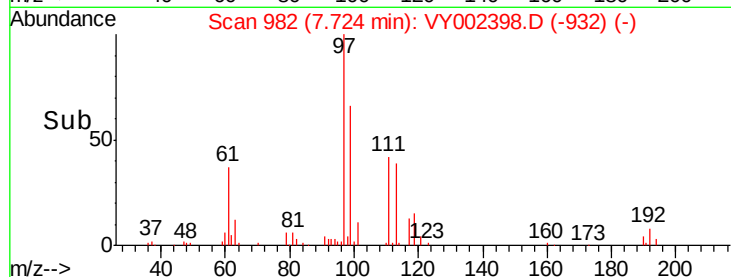
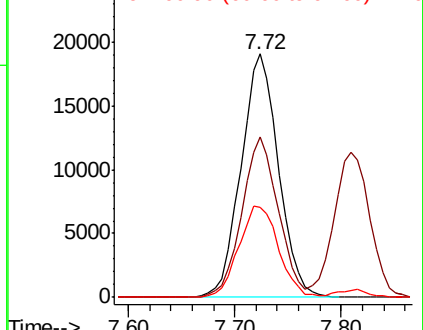


Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 52.469 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002398.D

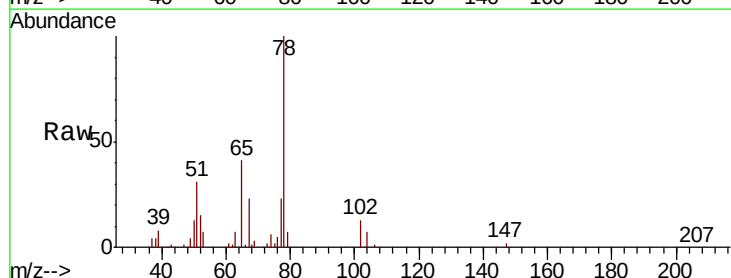
Acq: 17 Apr 2020 14:50

Tgt Ion: 65 Resp: 28872

Ion Ratio Lower Upper

65 100

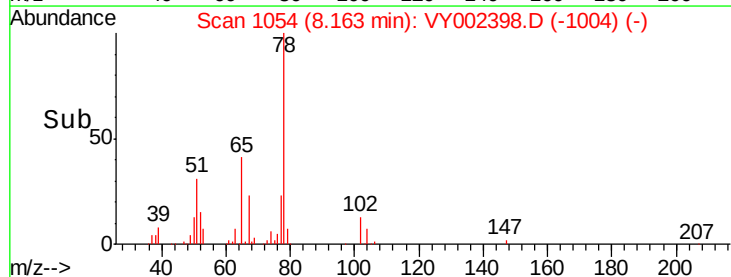
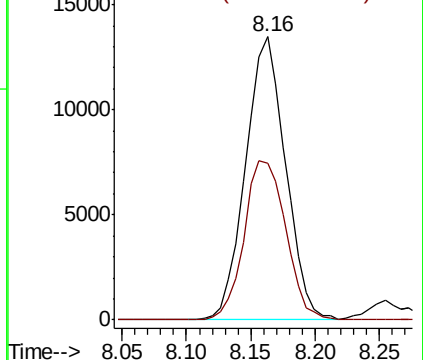
67 58.6 0.0 114.0

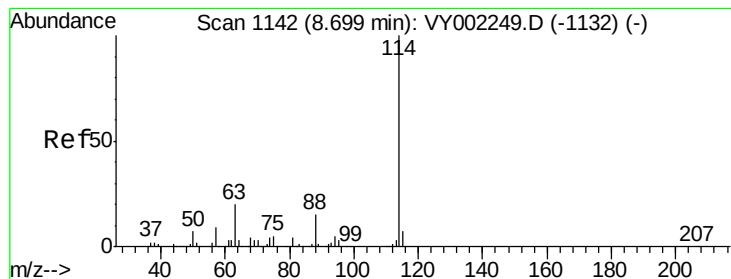


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

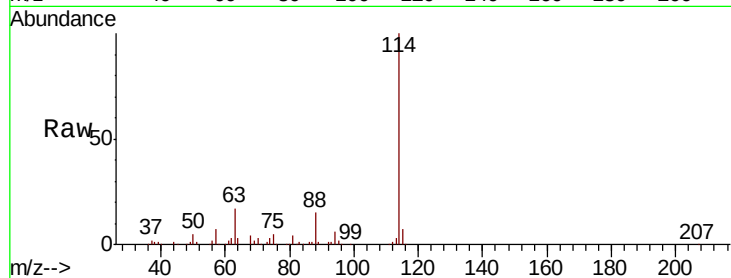
Tot Ion:114 Resp: 82731

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.0

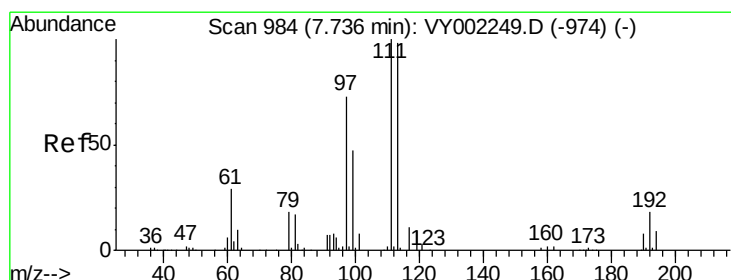
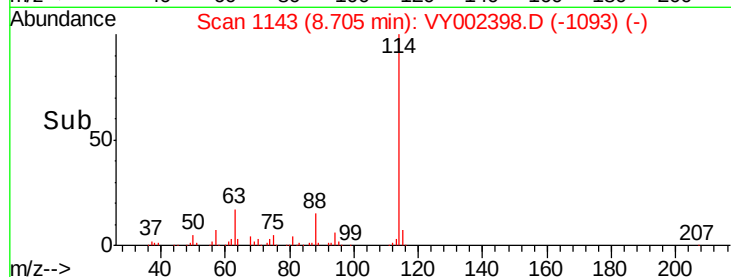
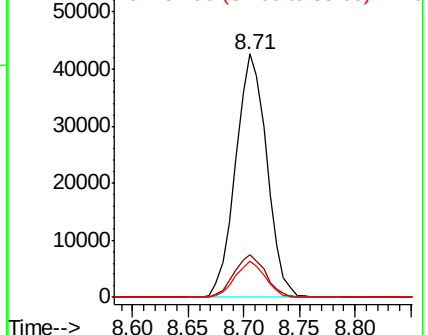
88 14.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 61.792 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

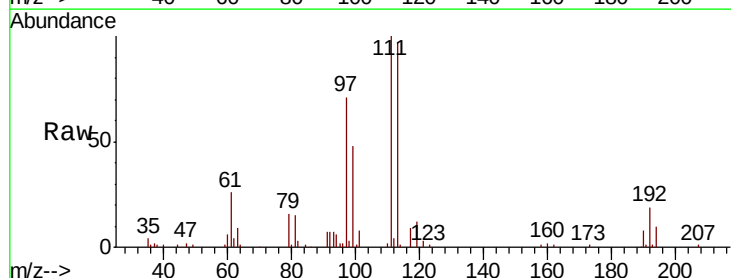
Tgt Ion:113 Resp: 30419

Ion Ratio Lower Upper

113 100

111 104.0 83.5 125.3

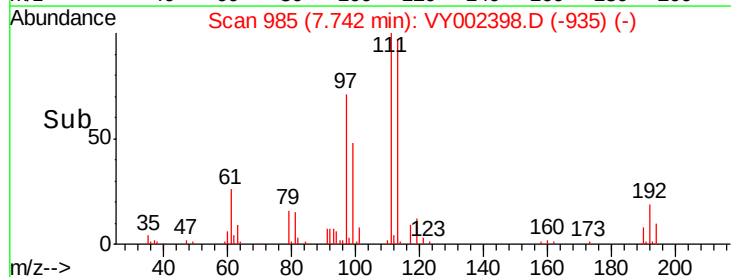
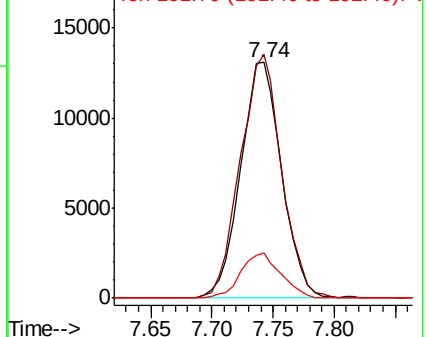
192 18.7 14.7 22.1

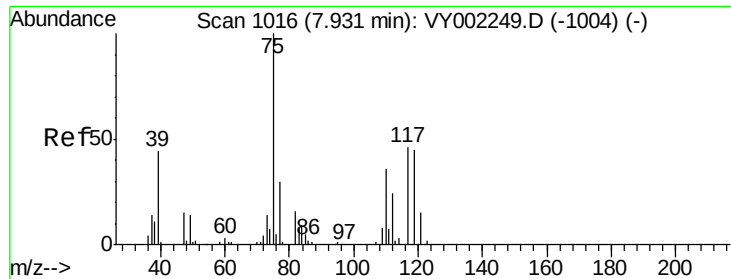


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

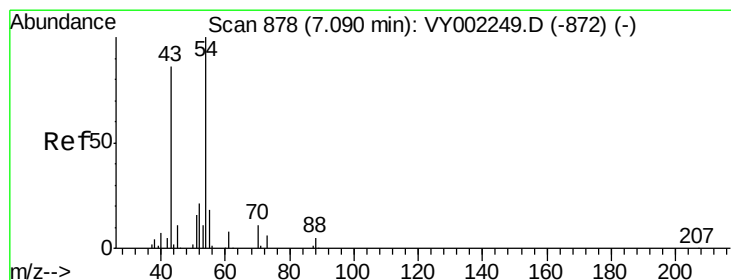
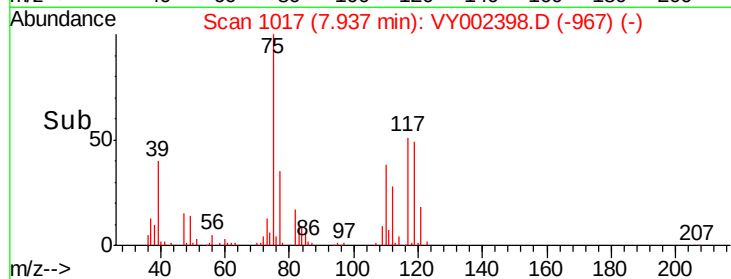
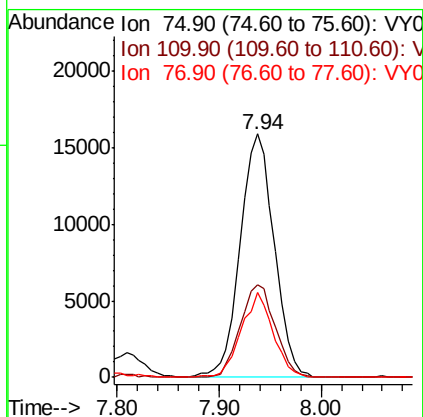
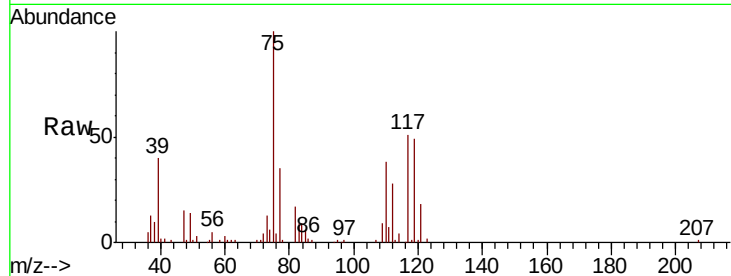




#36
 1,1-Dichloropropene
 Concen: 45.290 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

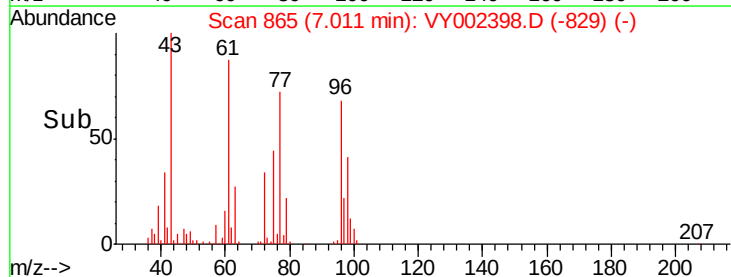
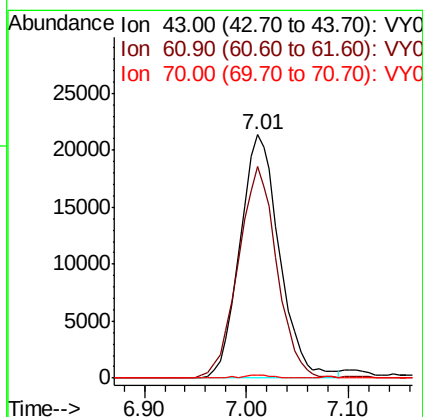
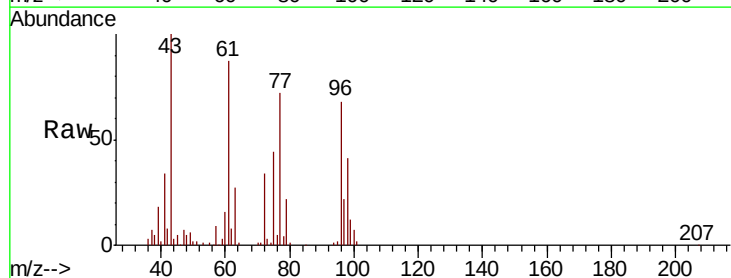
Instrument :
 MSVOA_Y
 ClientSampled :

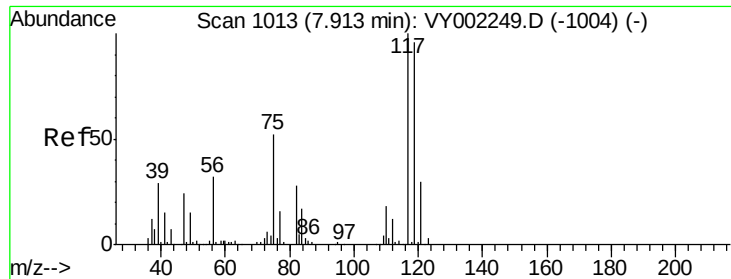
Tot Ion	75	Resp	36906
Ion	Ratio	Lower	Upper
75	100		
110	38.9	17.8	53.3
77	32.5	24.4	36.6



#37
 Ethyl Acetate
 Concen: 123.659 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	43	Resp	57567
Ion	Ratio	Lower	Upper
43	100		
61	84.9	11.8	17.6#
70	0.9	9.1	13.7#





#38

Carbon Tetrachloride

Concen: 51.715 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

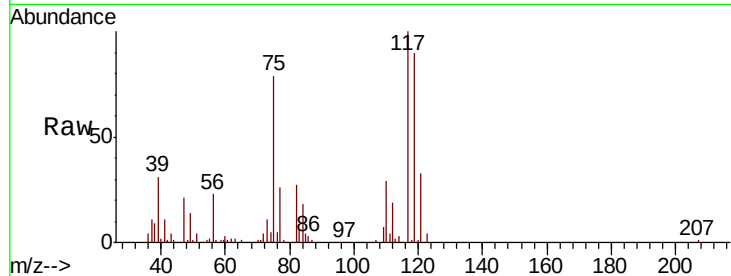
Tot Ion:117 Resp: 36047

Ion Ratio Lower Upper

117 100

119 89.9 77.1 115.7

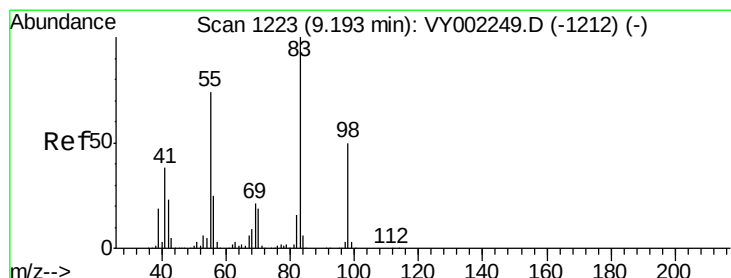
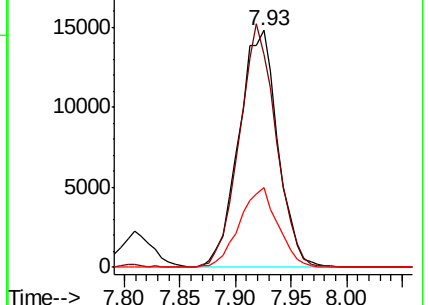
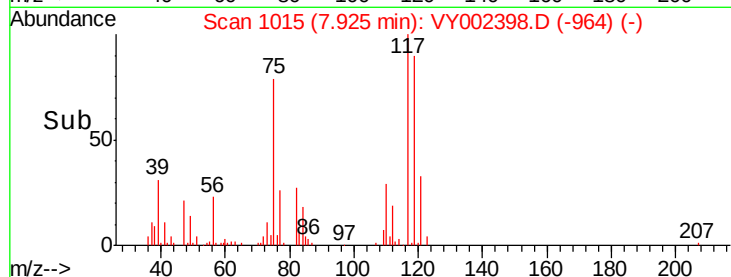
121 33.4 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 29.471 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

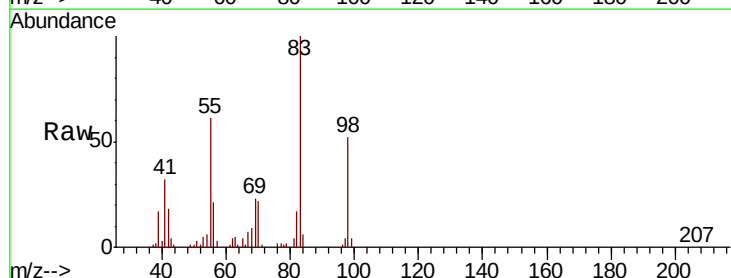
Tgt Ion: 83 Resp: 32669

Ion Ratio Lower Upper

83 100

55 61.5 59.3 88.9

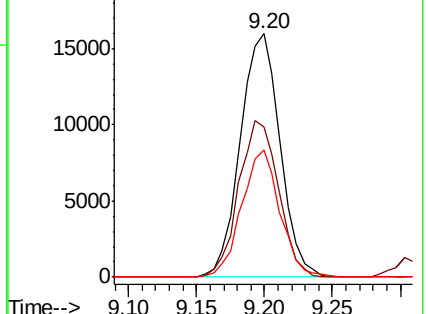
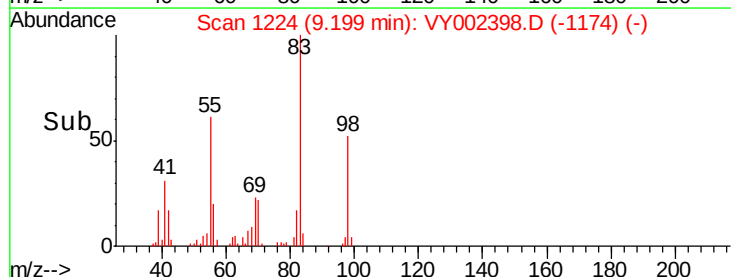
98 52.4 39.6 59.4

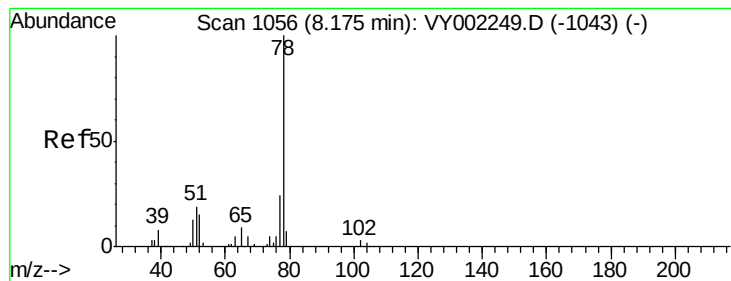


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 55.869 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

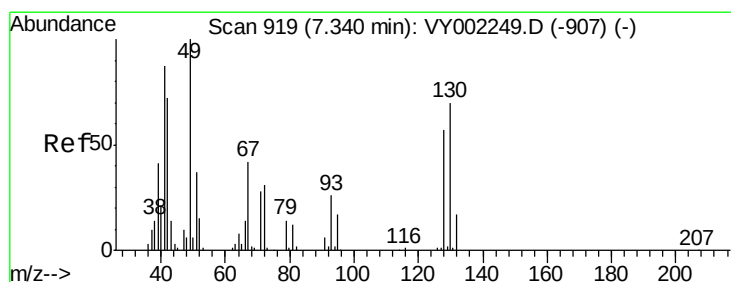
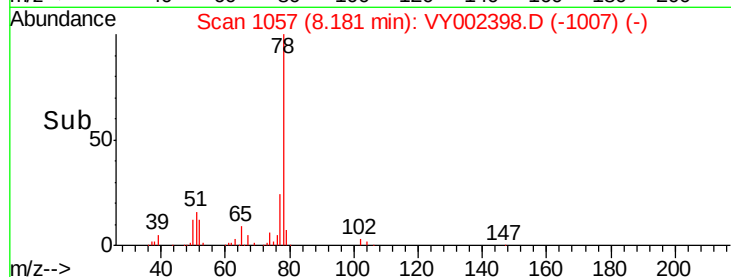
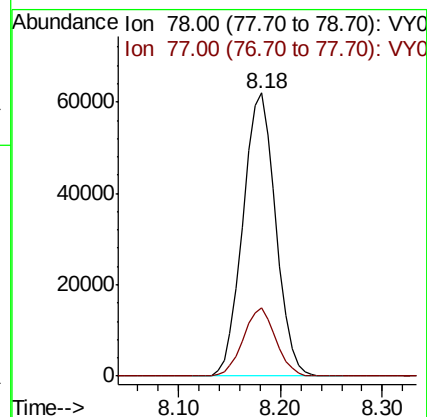
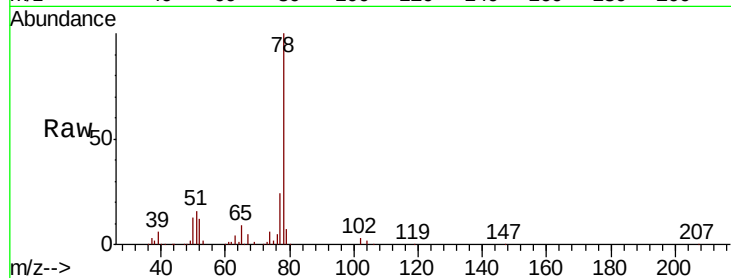
ClientSampleId :

Tot Ion: 78 Resp: 138129

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3



#41

Methacrylonitrile

Concen: 124.400 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.03 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion: 41 Resp: 34163

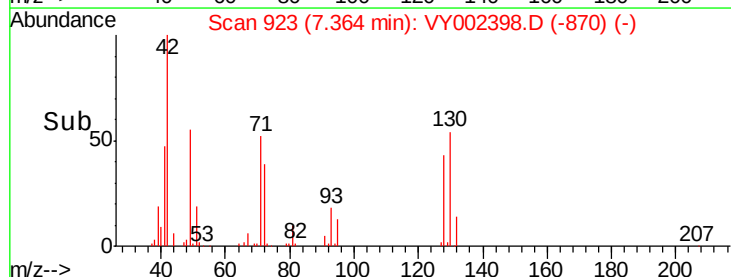
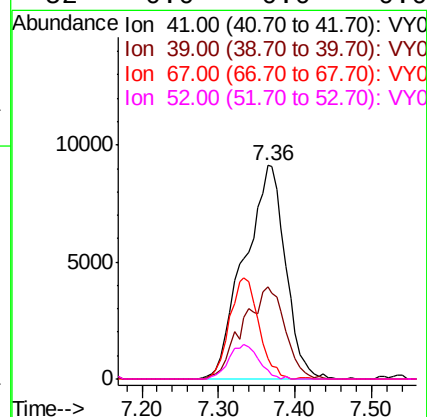
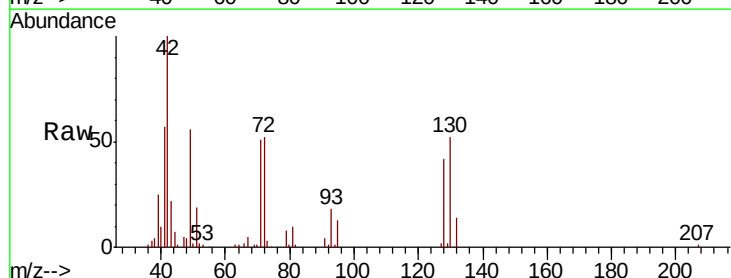
Ion Ratio Lower Upper

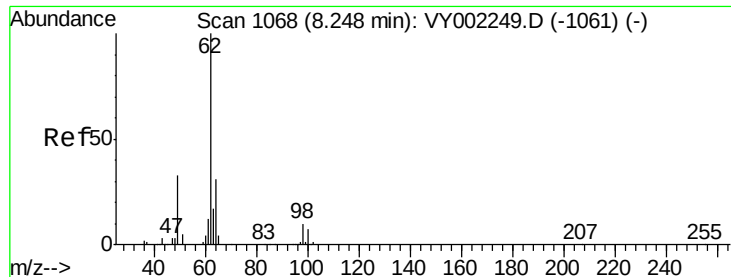
41 100

39 44.0 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

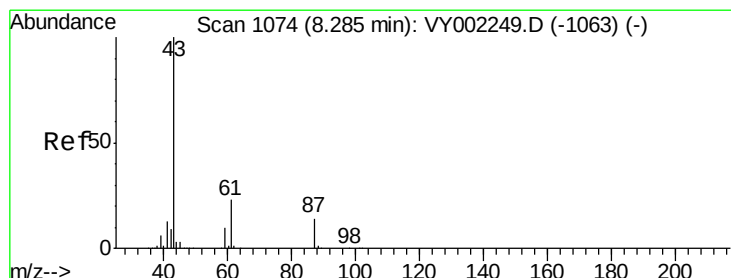
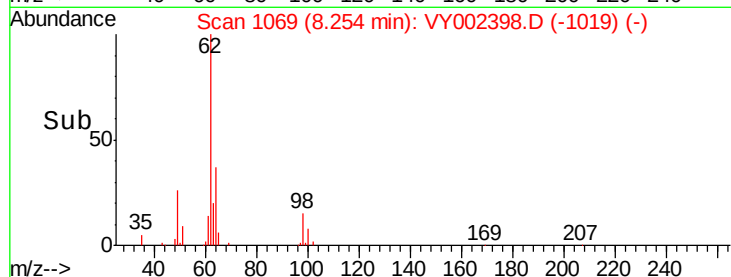
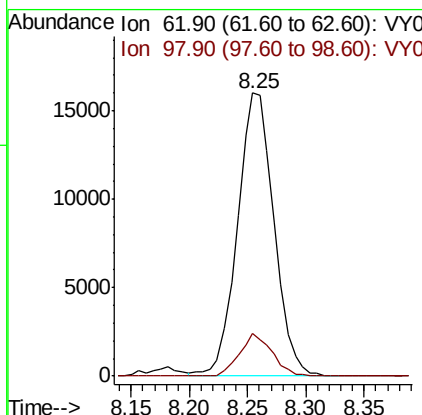
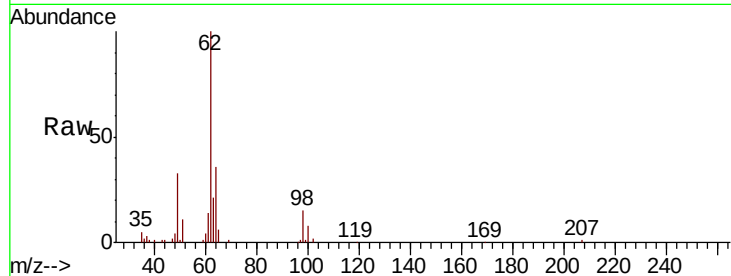




#42
 1,2-Dichloroethane
 Concen: 56.959 ug/l
 RT: 8.25 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

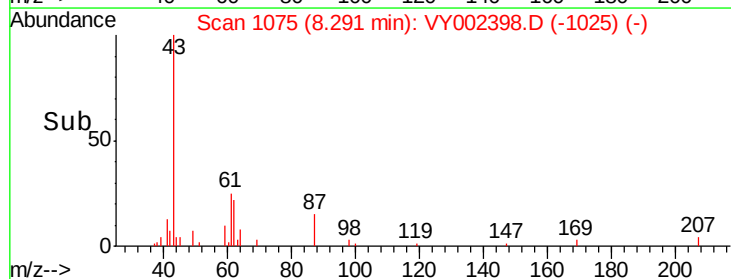
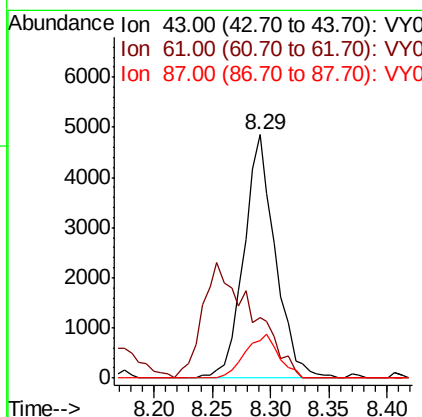
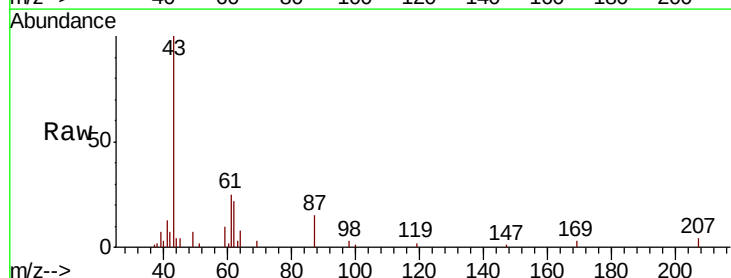
Instrument :
 MSVOA_Y
 ClientSampleId :

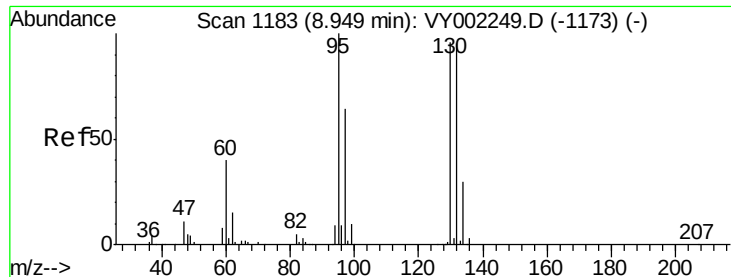
Tot Ion: 62 Resp: 34884
 Ion Ratio Lower Upper
 62 100
 98 13.4 0.0 22.6



#43
 Isopropyl Acetate
 Concen: 10.748 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion: 43 Resp: 9125
 Ion Ratio Lower Upper
 43 100
 61 0.0 24.9 37.3#
 87 19.0 11.7 17.5#





#44

Trichloroethene

Concen: 50.989 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

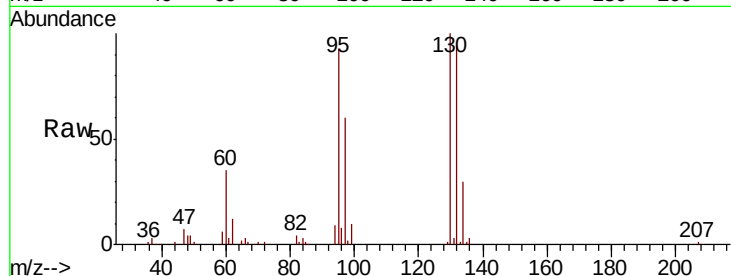
ClientSampleId :

Tot Ion:130 Resp: 37063

Ion Ratio Lower Upper

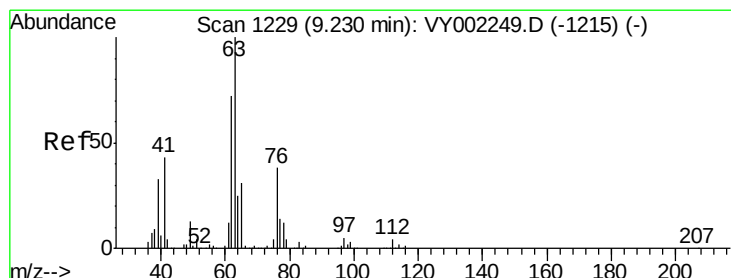
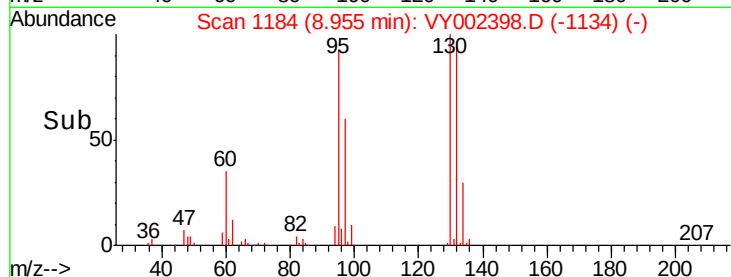
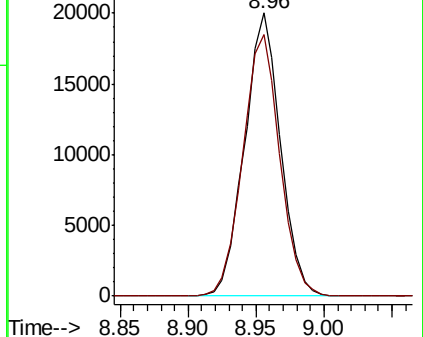
130 100

95 92.5 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)



#45

1,2-Dichloropropane

Concen: 58.720 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002398.D

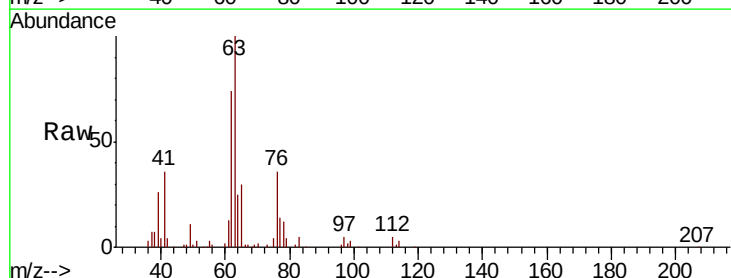
Acq: 17 Apr 2020 14:50

Tgt Ion: 63 Resp: 36021

Ion Ratio Lower Upper

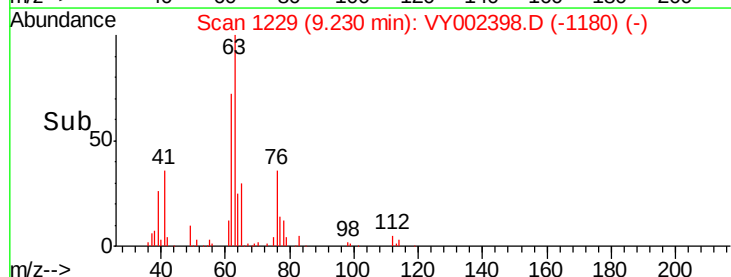
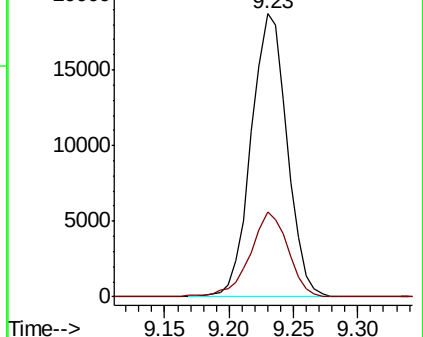
63 100

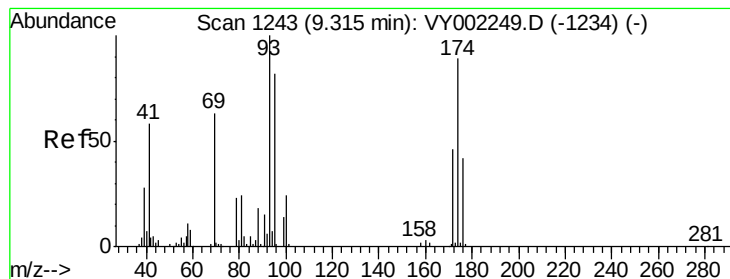
65 29.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY002249.D (-1215) (-)

Ion 64.90 (64.60 to 65.60): VY002249.D (-1215) (-)





#46

Dibromomethane

Concen: 58.942 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :

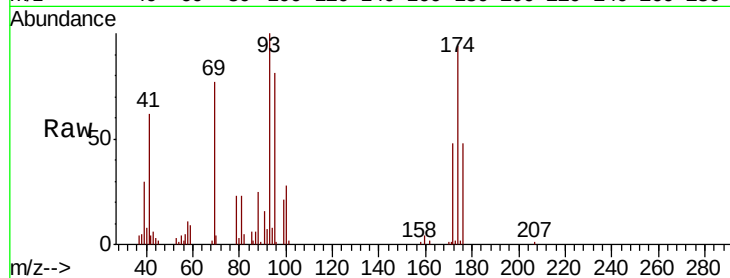
Tot Ion: 93 Resp: 18905

Ion Ratio Lower Upper

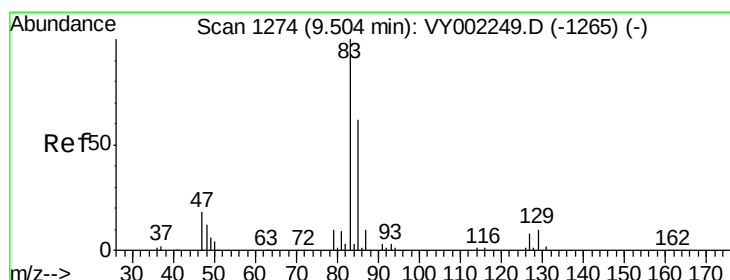
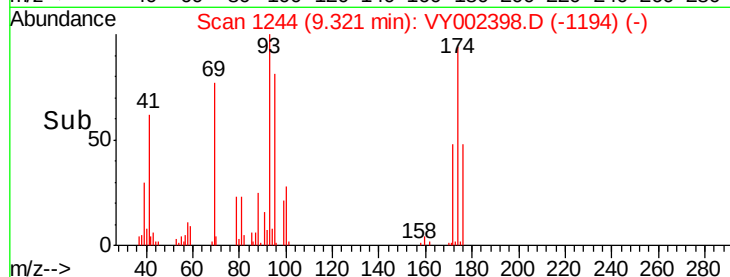
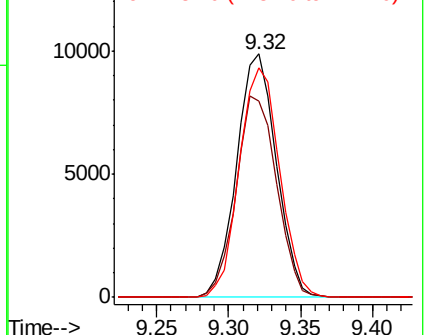
93 100

95 84.2 67.3 100.9

174 96.0 72.5 108.7



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 56.660 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

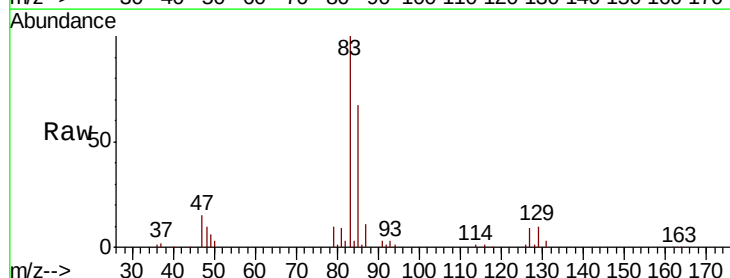
Tgt Ion: 83 Resp: 41699

Ion Ratio Lower Upper

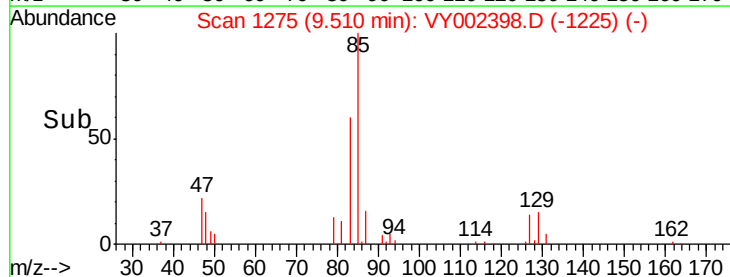
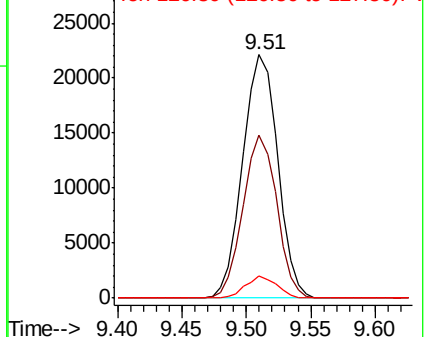
83 100

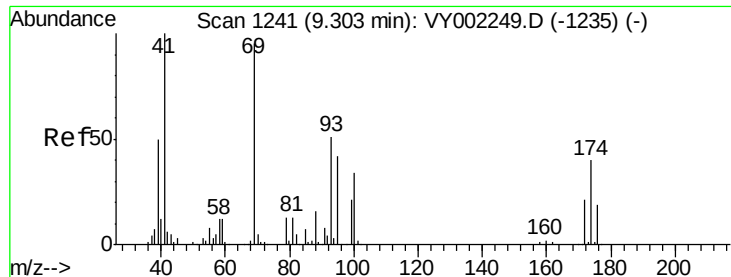
85 66.8 49.7 74.5

127 9.2 6.2 9.4



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

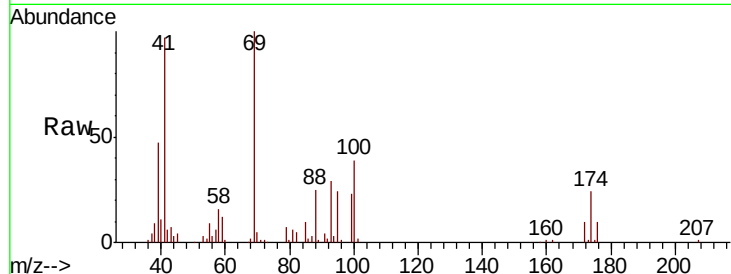




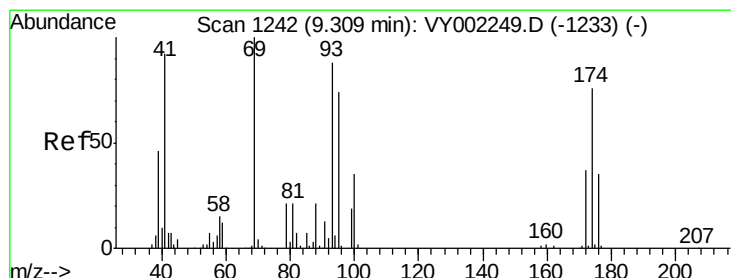
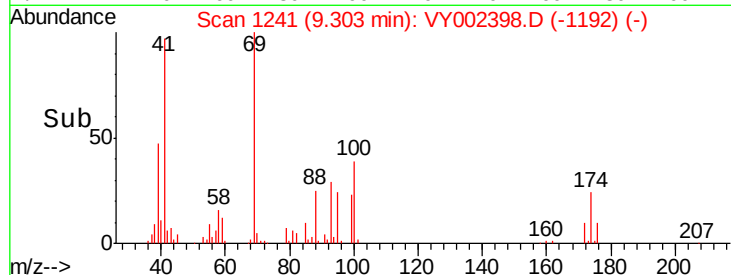
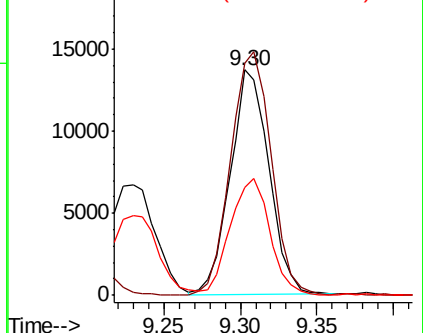
#48
Methvl methacrylate
Concen: 63.219 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 24067
Ion Ratio Lower Upper
41 100
69 113.3 76.7 115.1
39 53.1 40.5 60.7

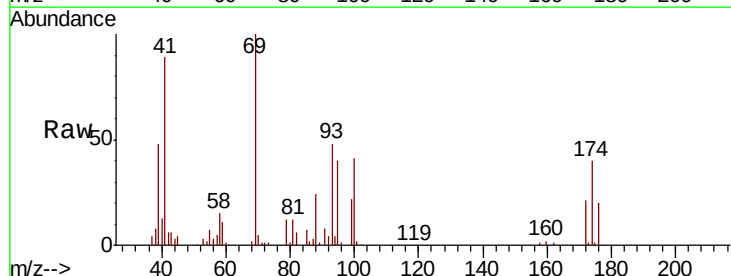


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

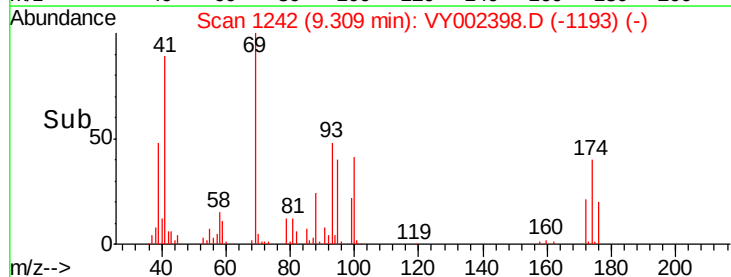
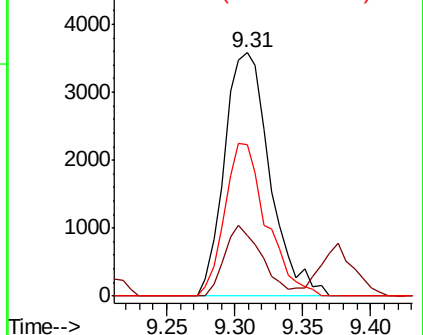


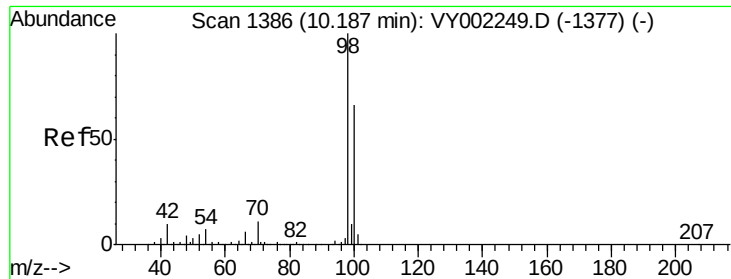
#49
1,4-Dioxane
Concen: 1838.853 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 88 Resp: 8343
Ion Ratio Lower Upper
88 100
43 23.5 22.2 33.2
58 57.5 57.6 86.4#



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: 47.153 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

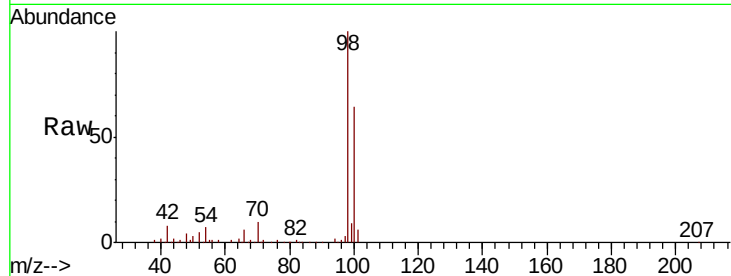
ClientSampled :

Tot Ion: 98 Resp: 97158

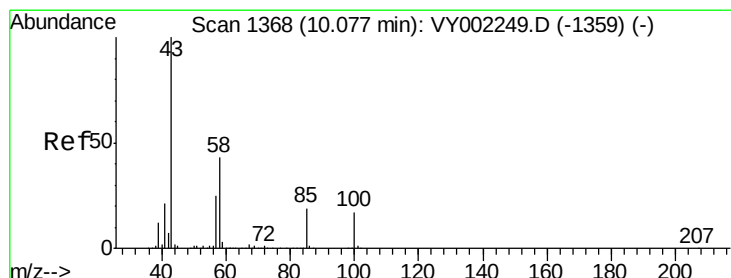
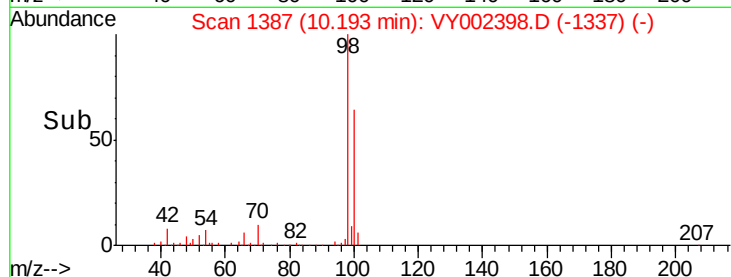
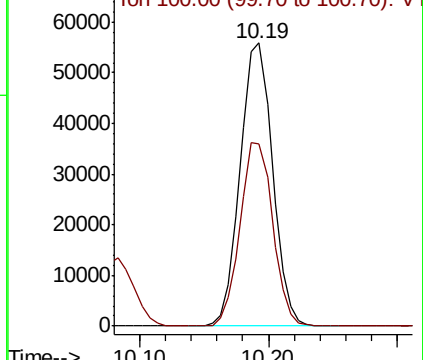
Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)



#51

4-Methyl-2-Pentanone

Concen: 252.829 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002398.D

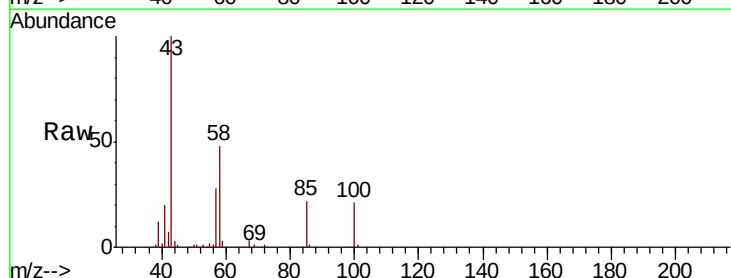
Acq: 17 Apr 2020 14:50

Tgt Ion: 43 Resp: 111854

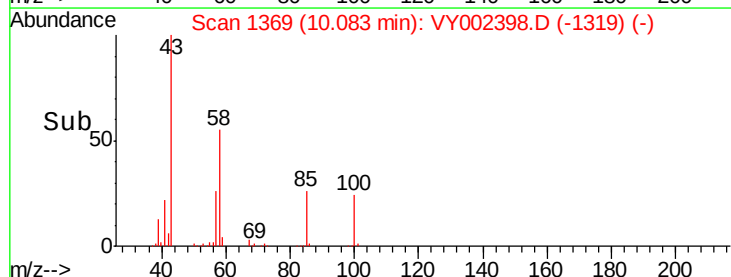
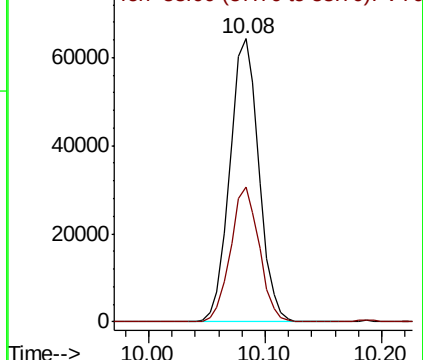
Ion Ratio Lower Upper

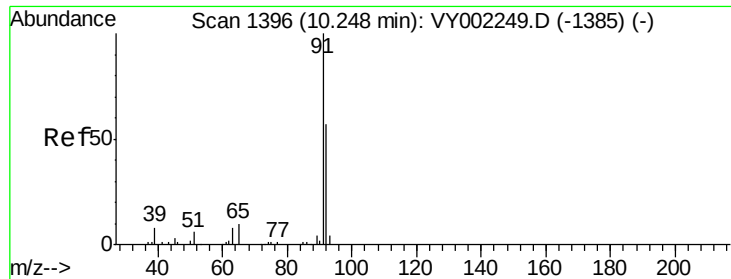
43 100

58 47.0 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1359) (-)





#52

Toluene

Concen: 47.718 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

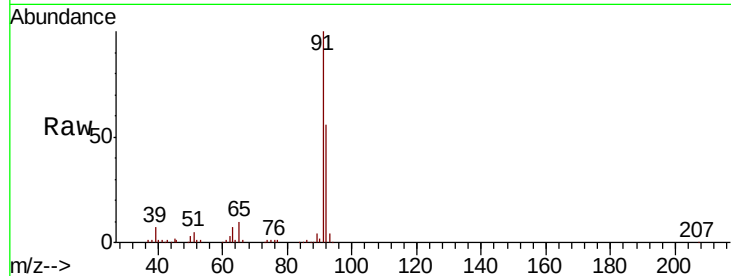
ClientSampleId :

Tot Ion: 92 Resp: 71099

Ion Ratio Lower Upper

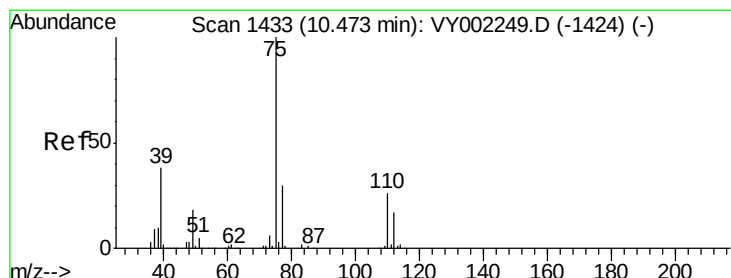
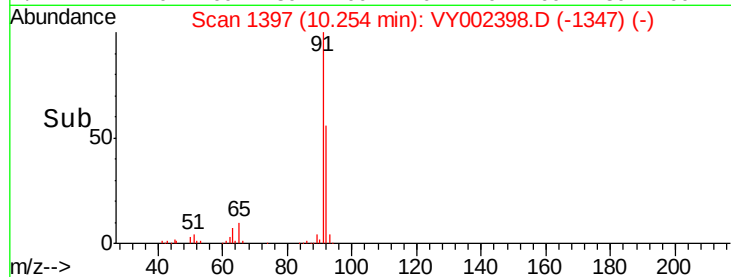
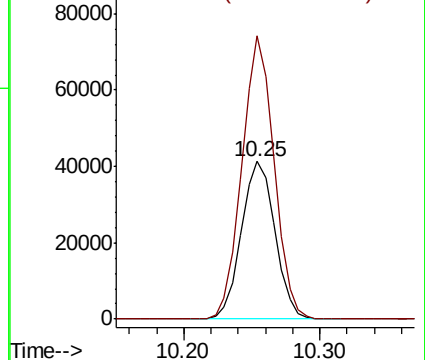
92 100

91 172.4 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#53

t-1,3-Dichloropropene

Concen: 44.027 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002398.D

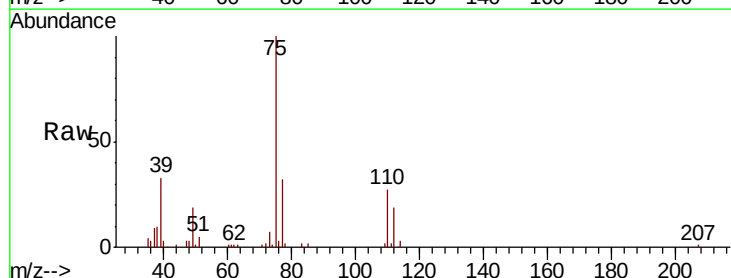
Acq: 17 Apr 2020 14:50

Tgt Ion: 75 Resp: 35303

Ion Ratio Lower Upper

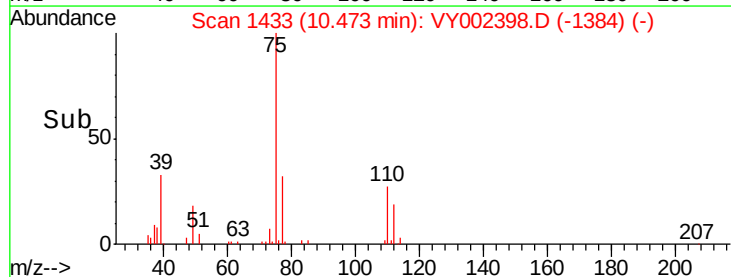
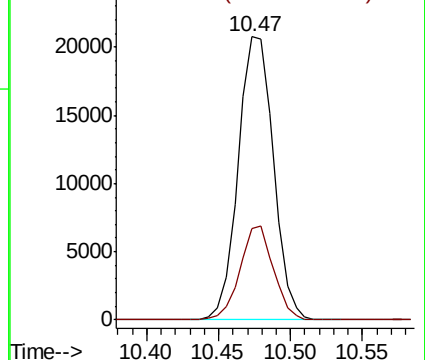
75 100

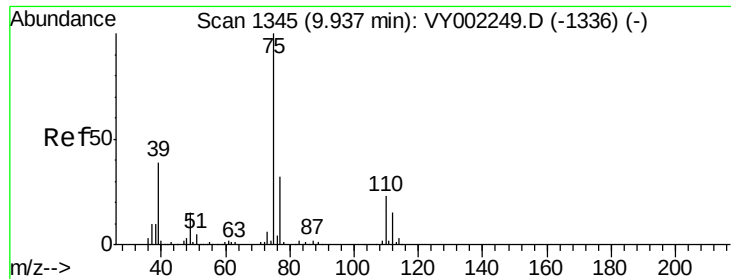
77 32.4 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



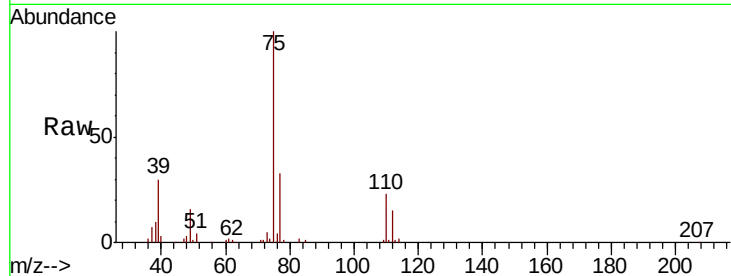


#54

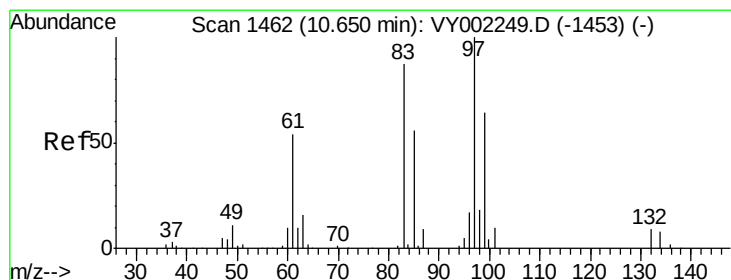
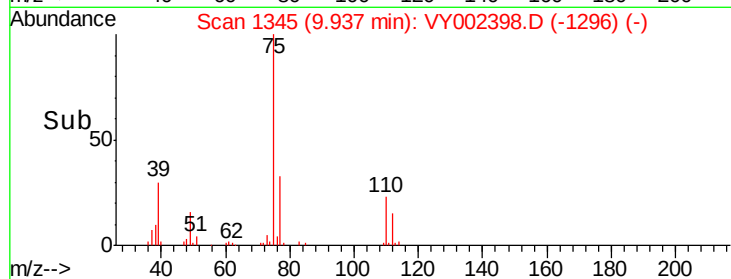
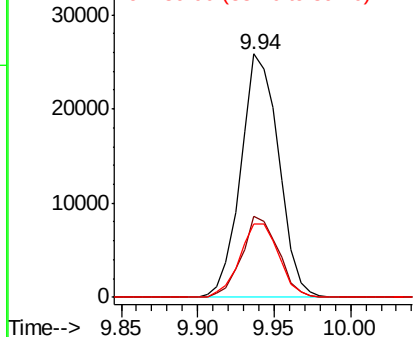
cis-1,3-Dichloropropene
 Concen: 46.107 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.8
39	30.0	30.8	46.2#



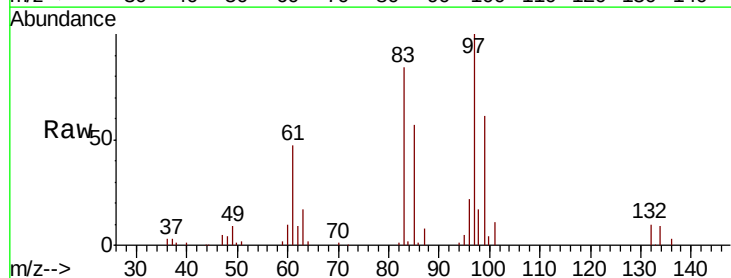
Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0
 Ion 39.00 (38.70 to 39.70): VY0



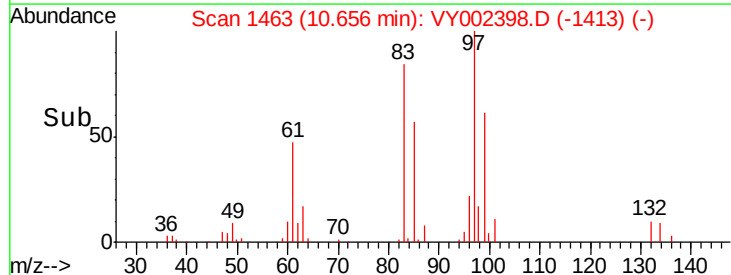
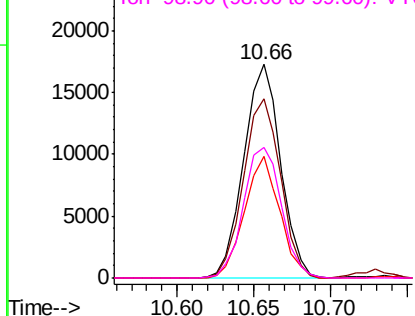
#55

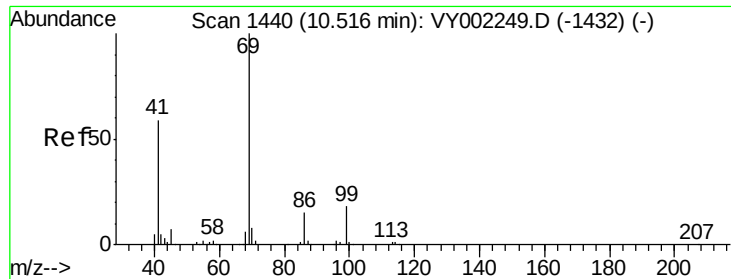
1,1,2-Trichloroethane
 Concen: 61.744 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.5	104.3
85	56.7	45.2	67.8
99	61.3	50.9	76.3



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

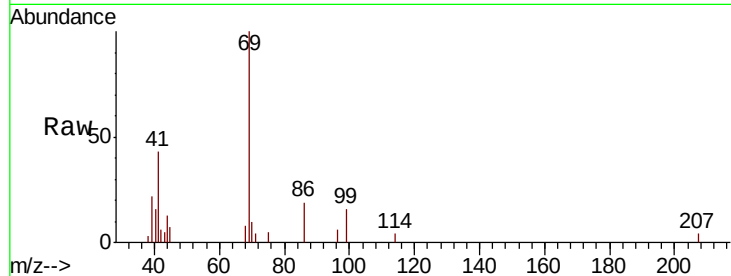




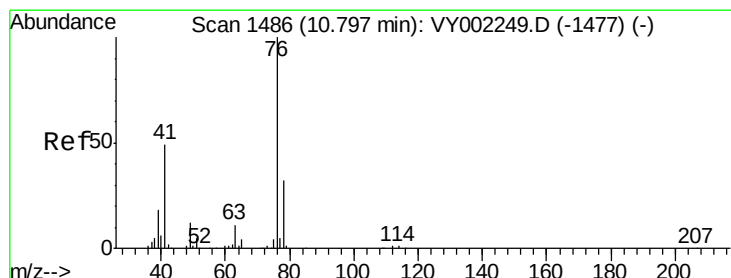
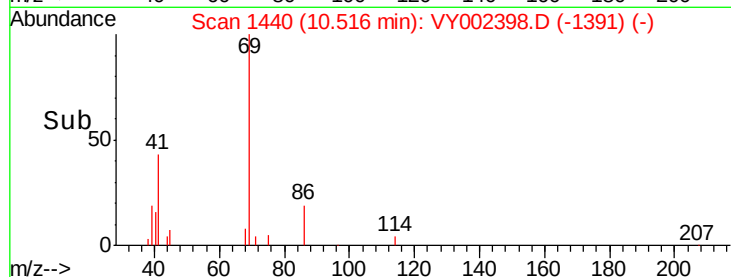
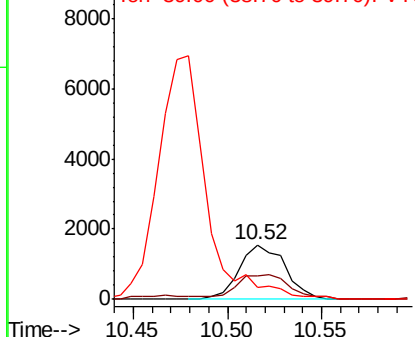
#56
Ethyl methacrylate
Concen: 3.900 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 69 Resp: 2614
Ion Ratio Lower Upper
69 100
41 51.8 47.9 71.9
39 0.0 23.8 35.6#

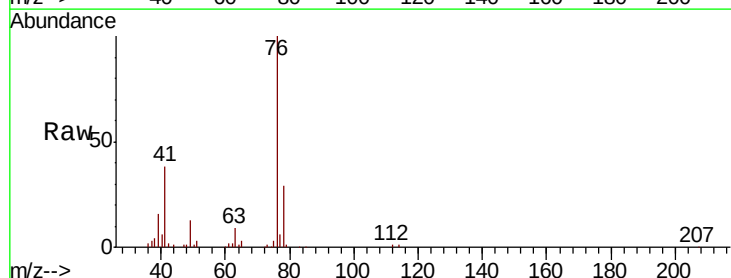


Abundance Ion 69.00 (68.70 to 69.70): VY0
Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

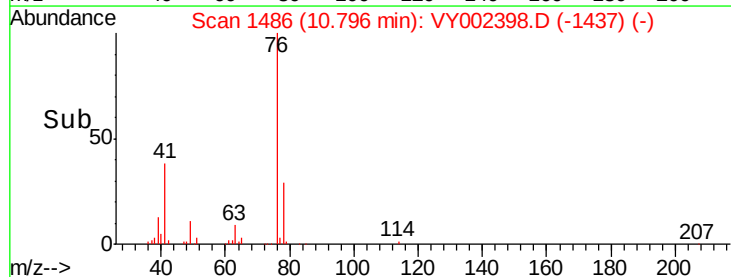
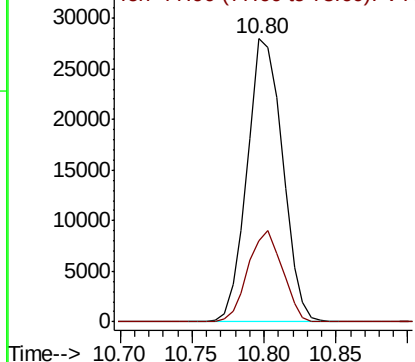


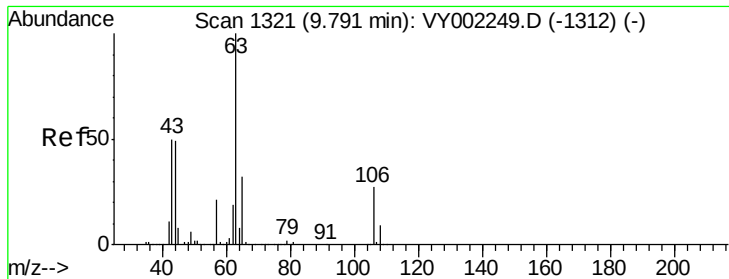
#57
1,3-Dichloropropane
Concen: 57.716 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 76 Resp: 47637
Ion Ratio Lower Upper
76 100
78 31.4 25.8 38.6



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

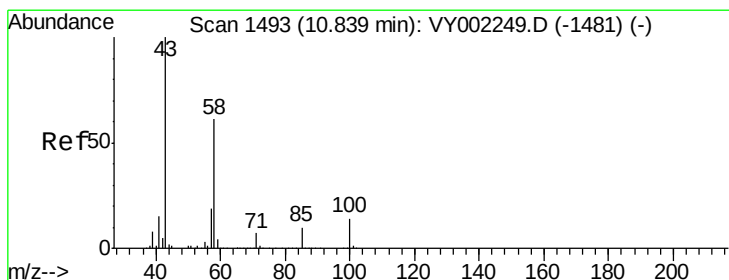
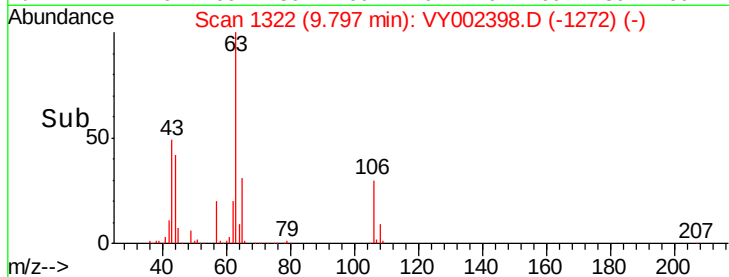
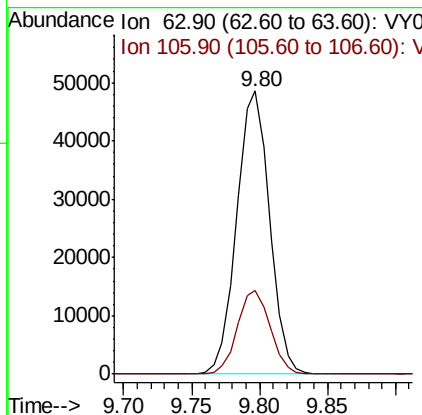
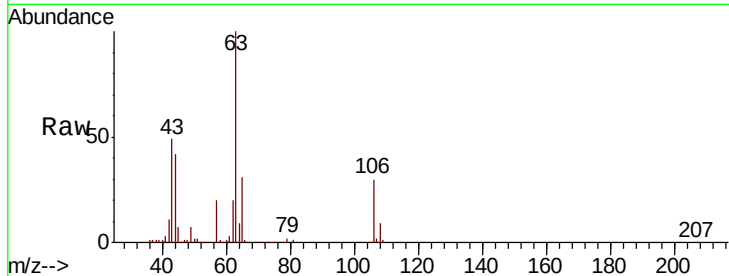




#58
 2-Chloroethyl Vinyl ether
 Concen: 235.481 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

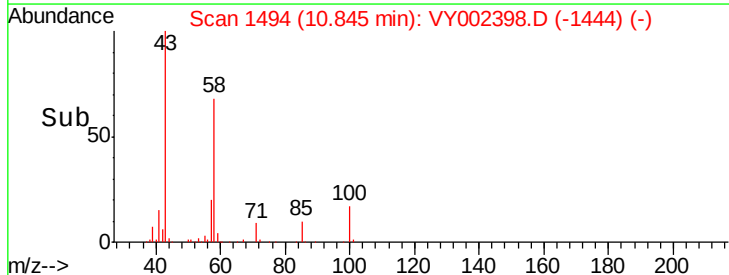
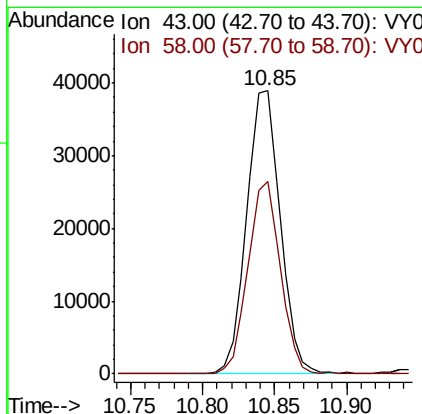
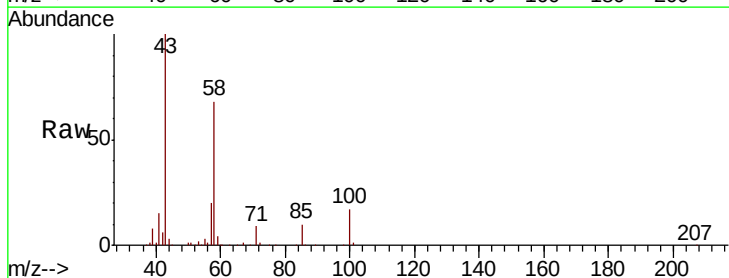
Instrument :
 MSVOA_Y
 ClientSampleId :

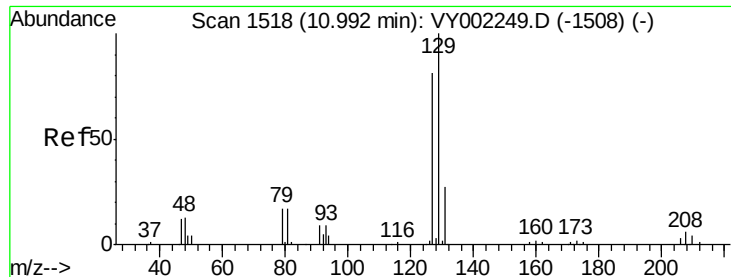
Tot Ion: 63 Resp: 81727
 Ion Ratio Lower Upper
 63 100
 106 29.7 22.2 33.2



#59
 2-Hexanone
 Concen: 204.214 ug/l
 RT: 10.85 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion: 43 Resp: 62703
 Ion Ratio Lower Upper
 43 100
 58 66.0 29.8 89.3





#60

Dibromochloromethane

Concen: 55.045 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

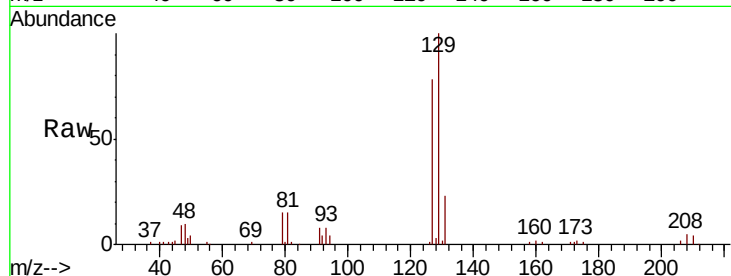
ClientSampleId :

Tot Ion:129 Resp: 27562

Ion Ratio Lower Upper

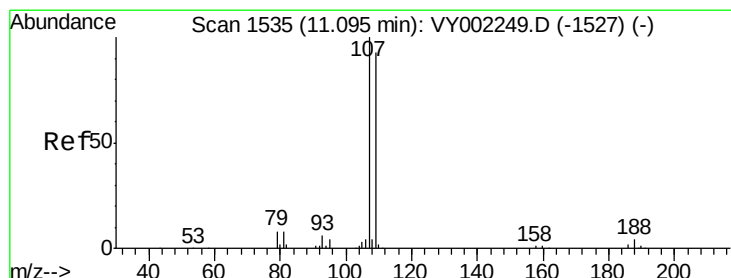
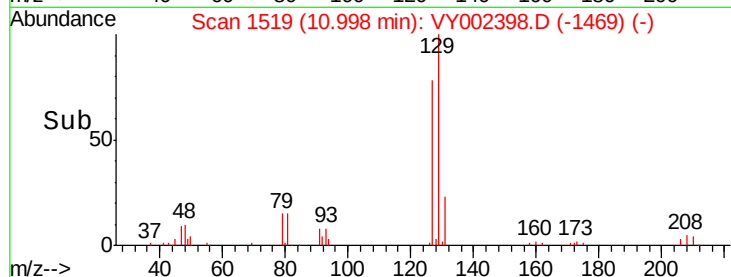
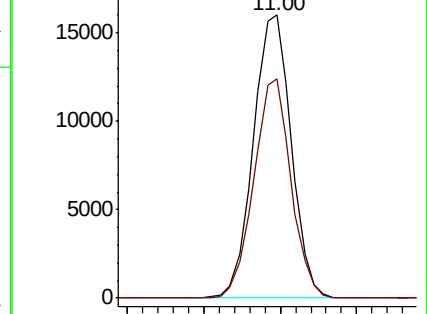
129 100

127 76.0 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.060 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VY002398.D

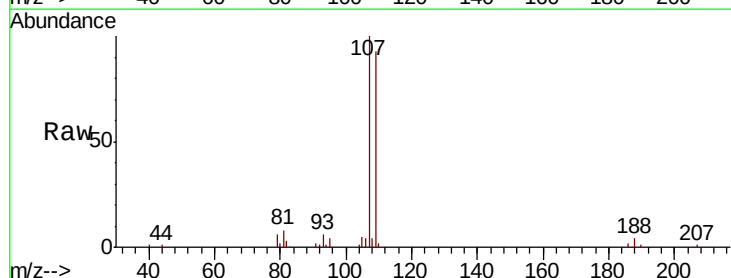
Acq: 17 Apr 2020 14:50

Tgt Ion:107 Resp: 23720

Ion Ratio Lower Upper

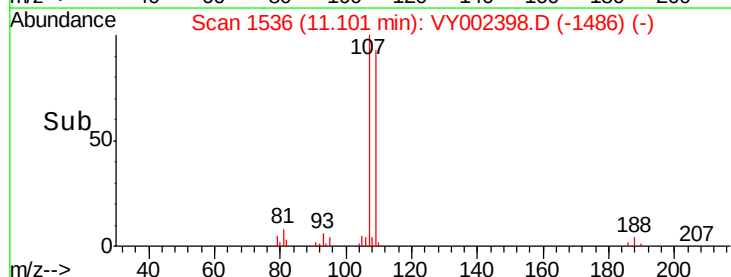
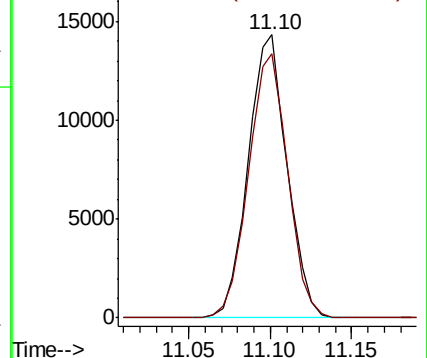
107 100

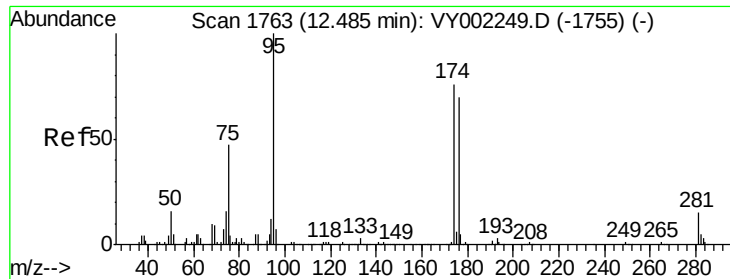
109 94.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 27.402 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

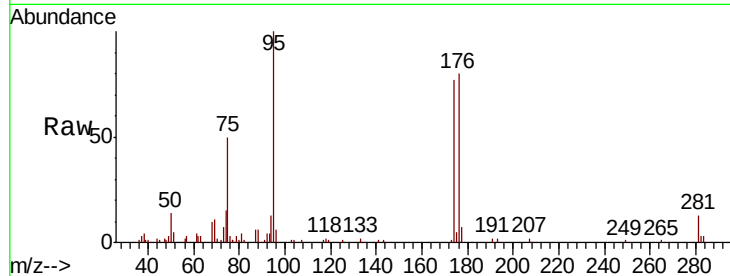
Tot Ion: 95 Resp: 18627

Ion Ratio Lower Upper

95 100

174 78.5 0.0 150.6

176 77.9 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

12.49

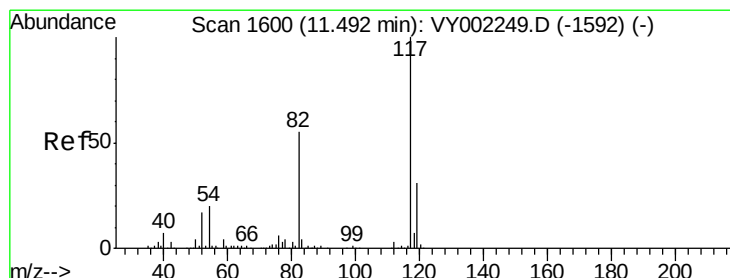
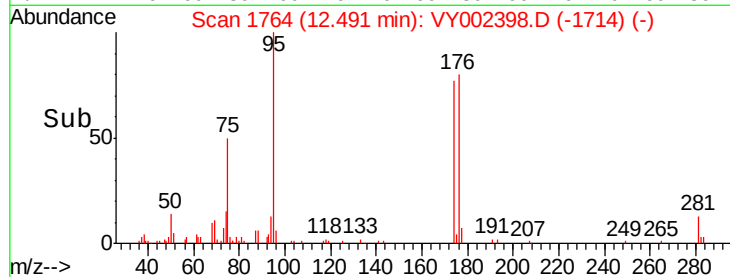
10000

5000

0

12.45 12.50 12.55

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

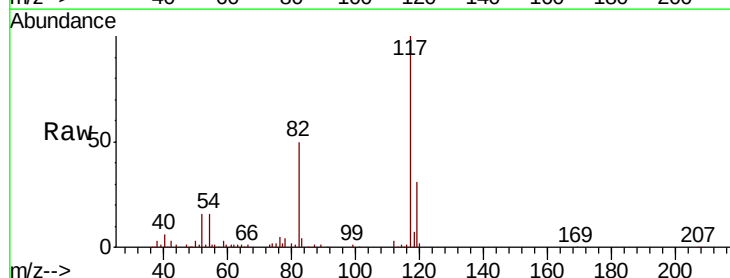
Tgt Ion: 117 Resp: 53851

Ion Ratio Lower Upper

117 100

82 50.0 44.2 66.4

119 30.8 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

11.50

40000

30000

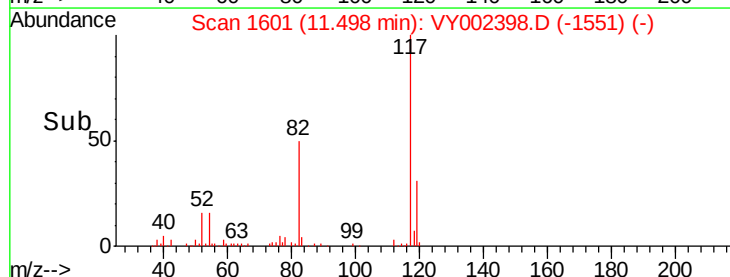
20000

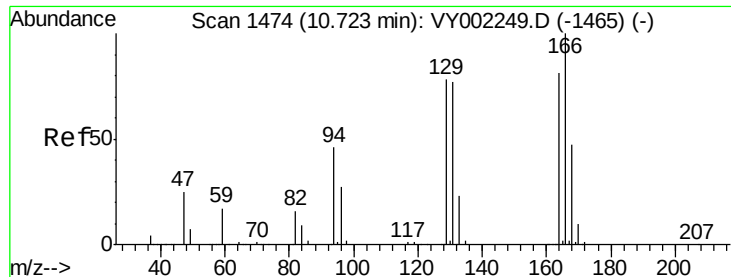
10000

0

11.40 11.45 11.50 11.55

Time-->





#64

Tetrachloroethene

Concen: 59.381 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:164 Resp: 32330

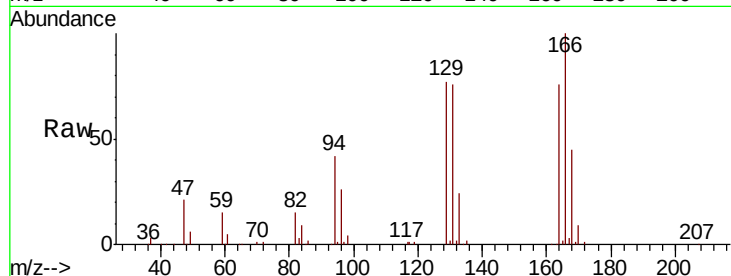
Ion Ratio Lower Upper

164 100

166 131.1 98.4 147.6

129 100.4 76.6 115.0

131 99.1 75.4 113.2

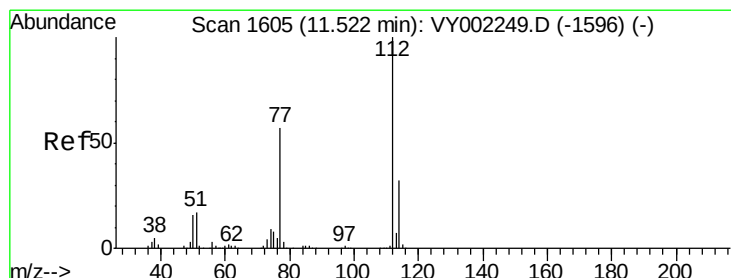
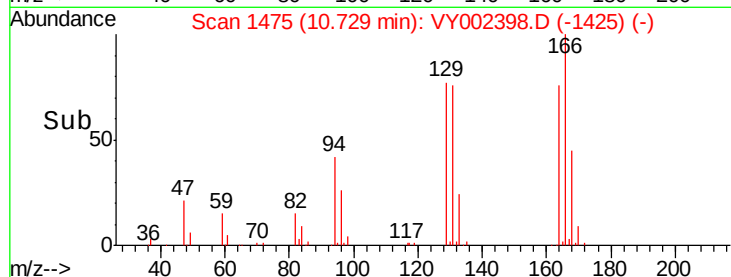
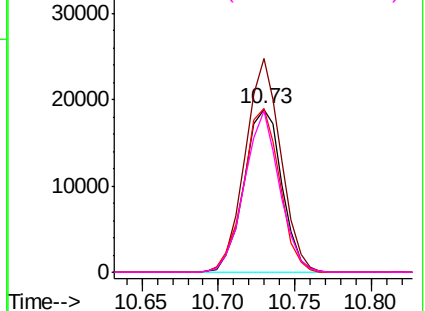


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.548 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY002398.D

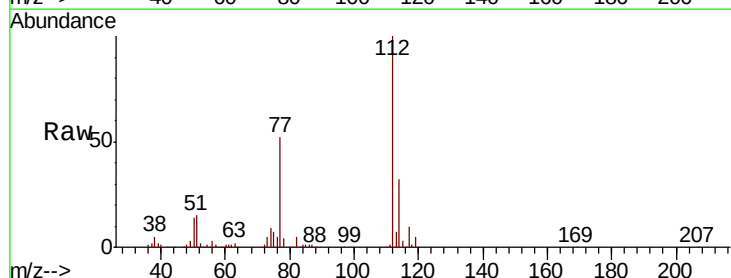
Acq: 17 Apr 2020 14:50

Tgt Ion:112 Resp: 55464

Ion Ratio Lower Upper

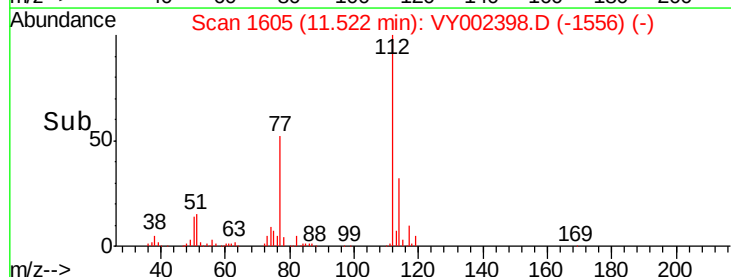
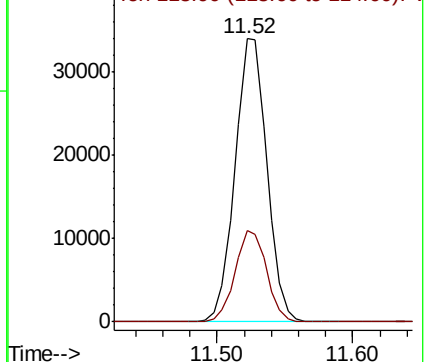
112 100

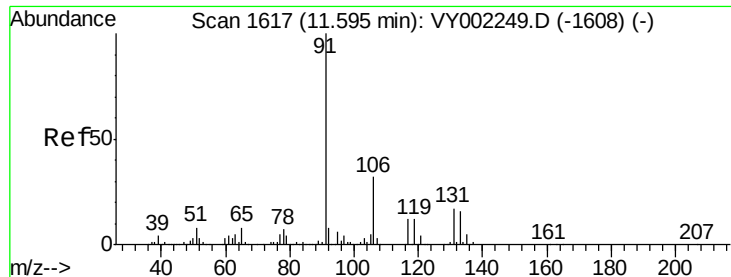
114 32.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 74.281 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

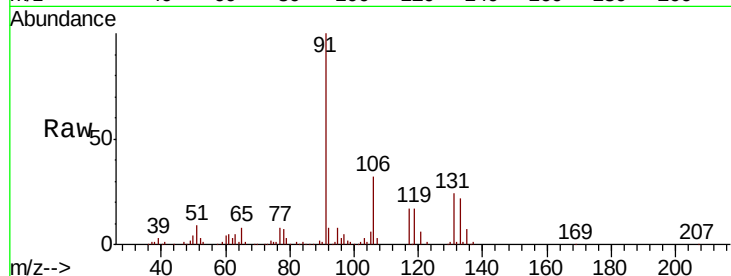
Tot Ion:131 Resp: 27453

Ion Ratio Lower Upper

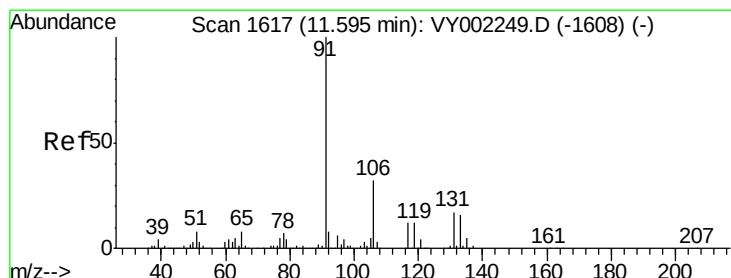
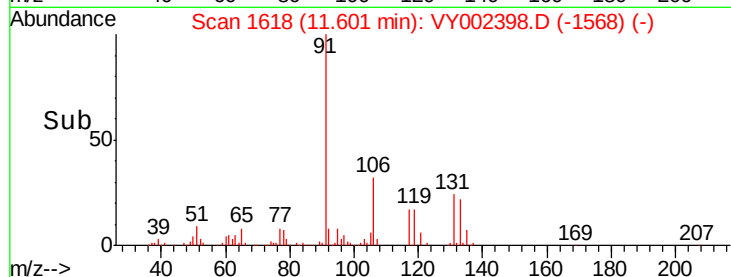
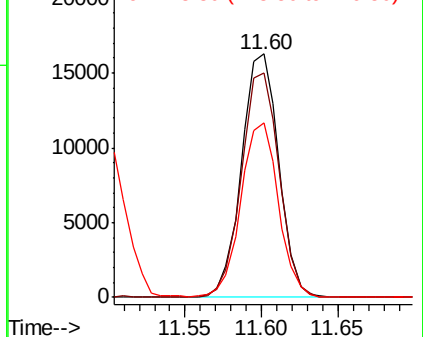
131 100

133 93.6 46.5 139.3

119 72.2 34.5 103.6



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 53.198 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002398.D

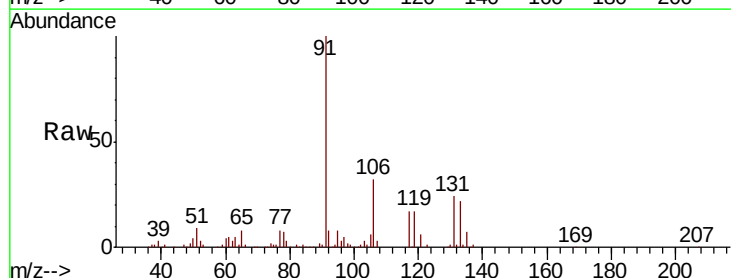
Acq: 17 Apr 2020 14:50

Tgt Ion: 91 Resp: 109018

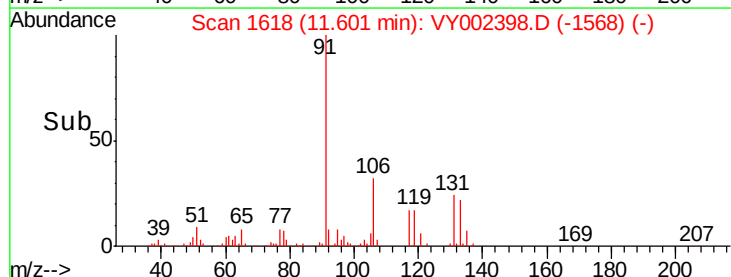
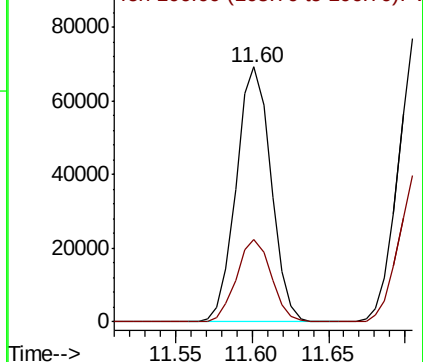
Ion Ratio Lower Upper

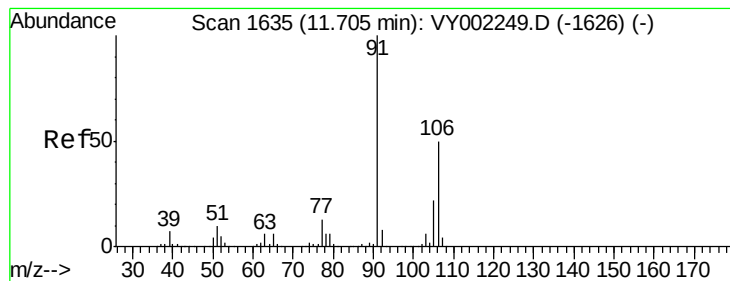
91 100

106 32.3 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 102.283 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

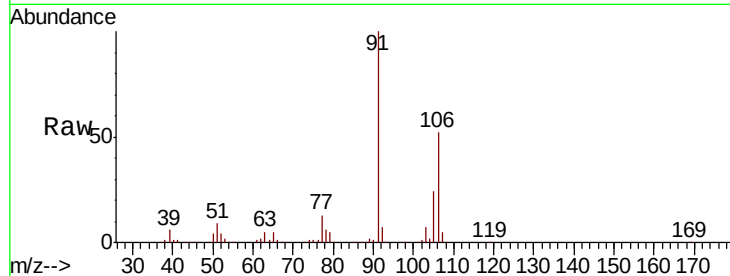
ClientSampled :

Tot Ion:106 Resp: 78507

Ion Ratio Lower Upper

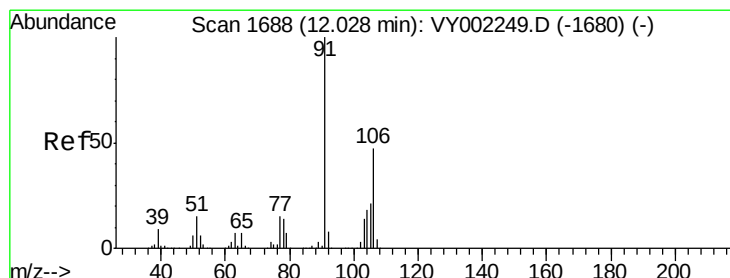
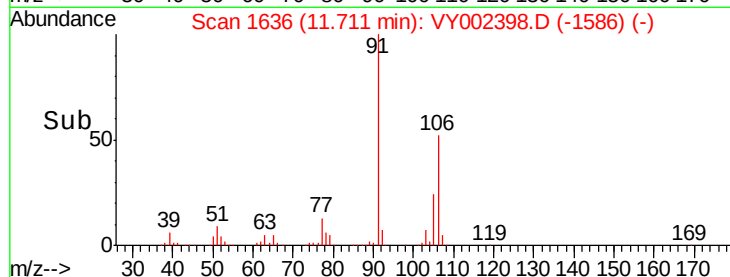
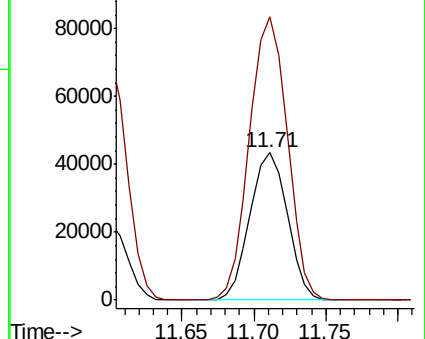
106 100

91 194.3 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 56.360 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VY002398.D

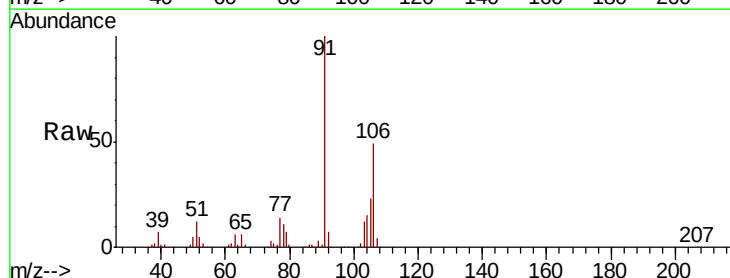
Acq: 17 Apr 2020 14:50

Tgt Ion:106 Resp: 40613

Ion Ratio Lower Upper

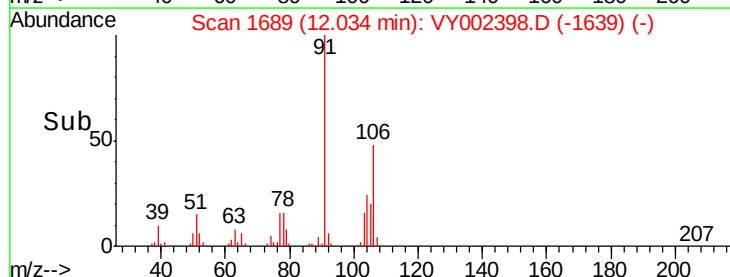
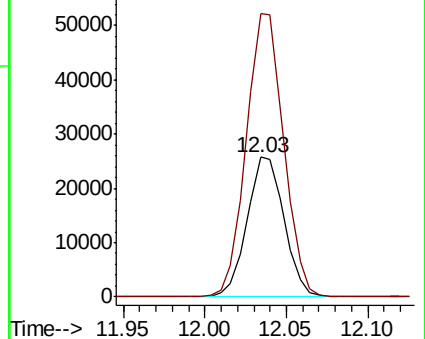
106 100

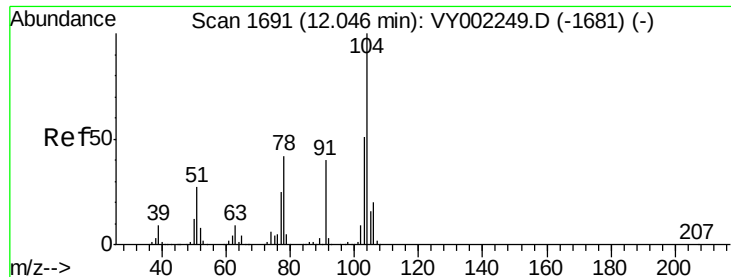
91 205.8 105.8 317.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#70

Stvrene

Concen: 39.599 ug/l

RT: 12.05 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

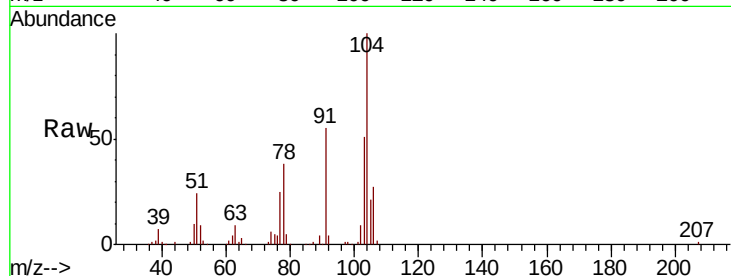
Tot Ion:104 Resp: 49507

Ion Ratio Lower Upper

104 100

78 46.2 37.2 55.8

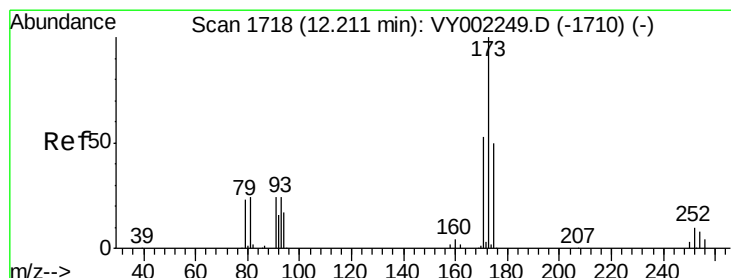
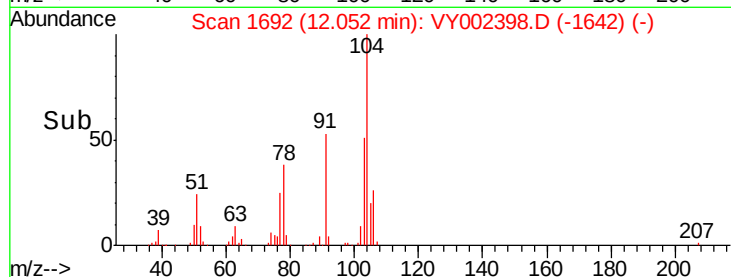
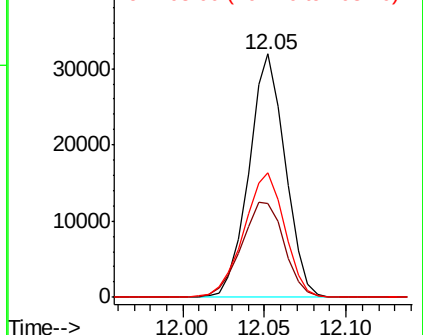
103 57.7 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 66.906 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

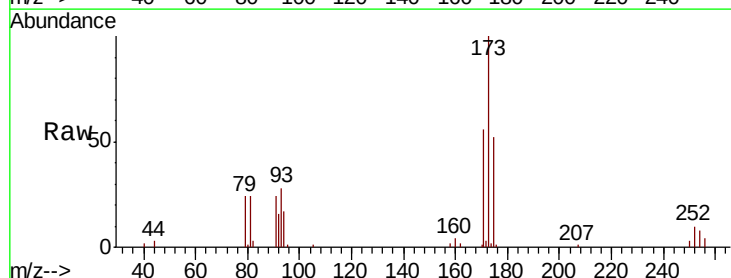
Tgt Ion:173 Resp: 13447

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.3

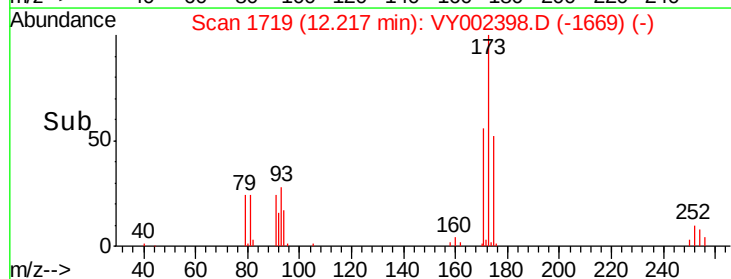
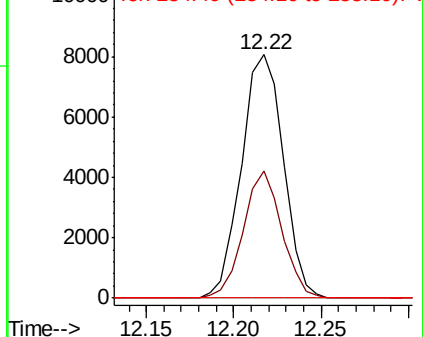
254 0.0 0.0 0.0

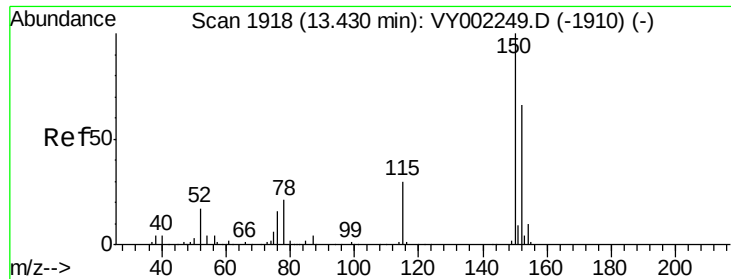


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



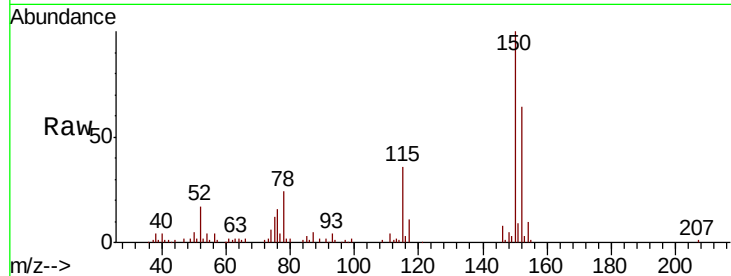


#72

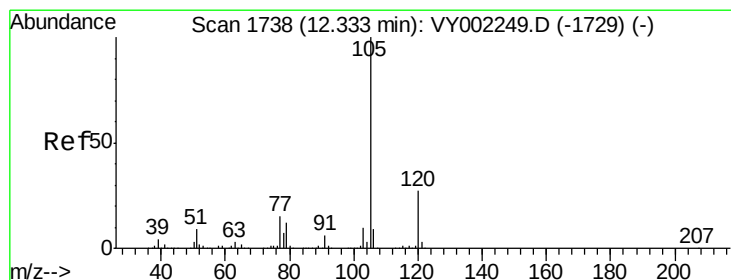
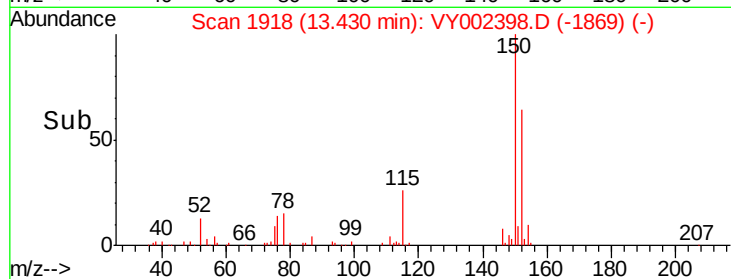
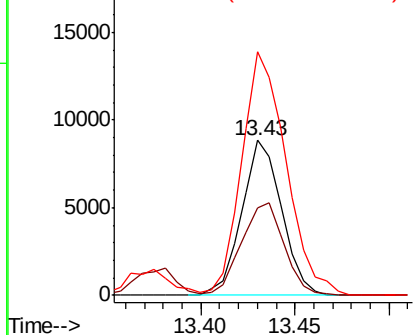
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 12918
Ion Ratio Lower Upper
152 100
115 63.8 30.7 92.1
150 175.5 0.0 350.6



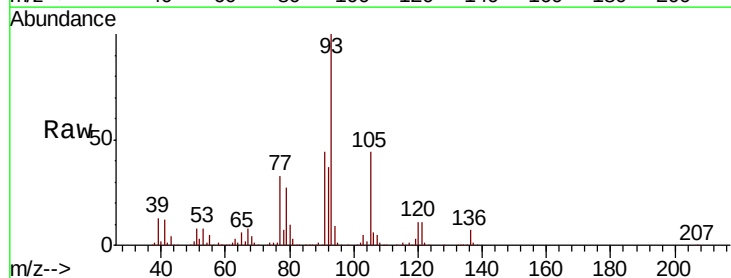
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



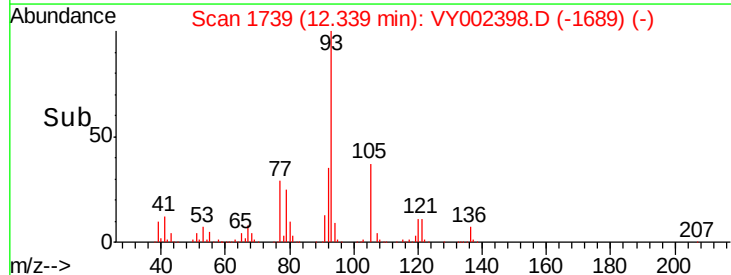
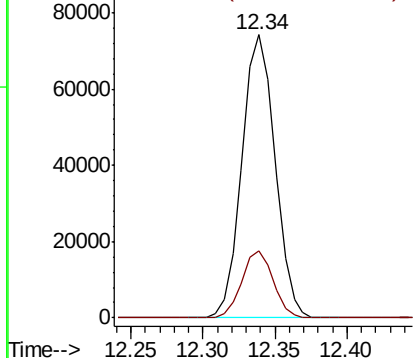
#73

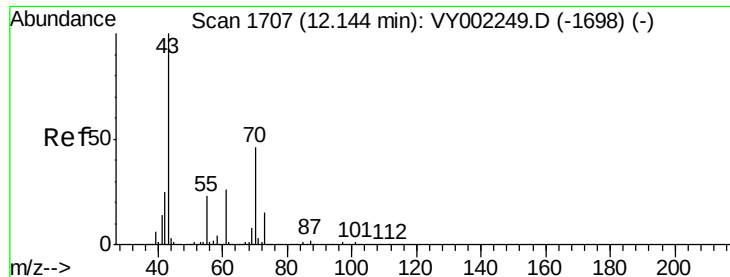
Isopropylbenzene
Concen: 116.606 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion:105 Resp: 118338
Ion Ratio Lower Upper
105 100
120 22.5 13.3 39.8



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





#74

N-amvl acetate

Concen: 43.072 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.20 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 43 Resp: 12408

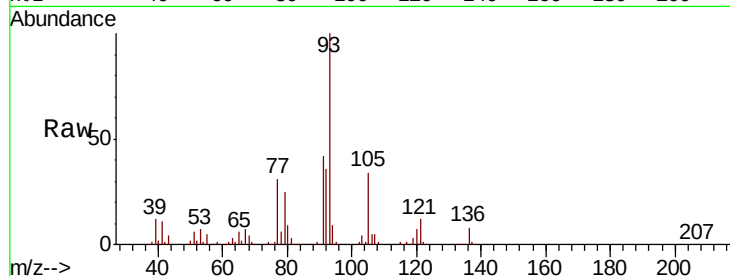
Ion Ratio Lower Upper

43 100

70 3.4 37.5 56.3#

55 112.7 19.0 28.6#

61 4.8 21.6 32.4#

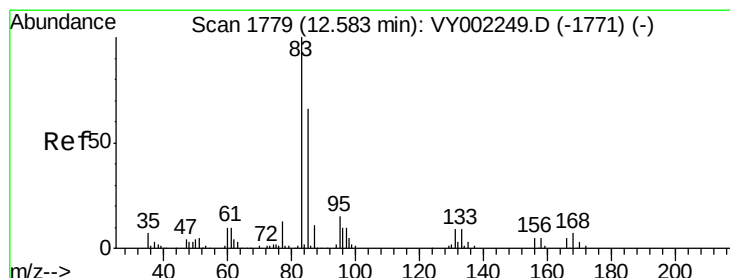
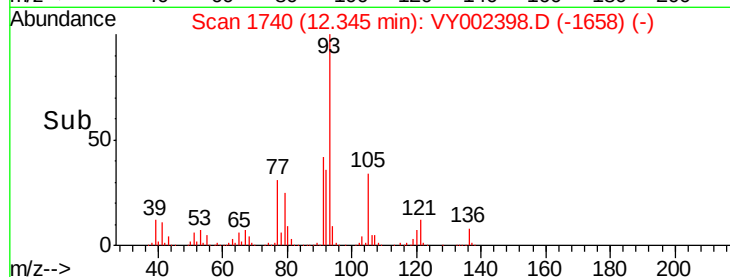
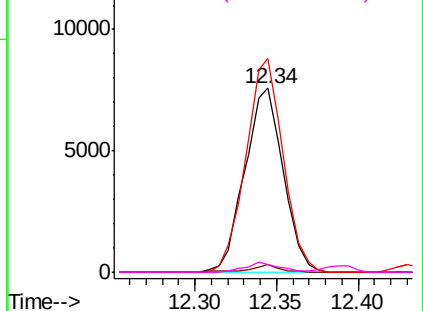


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 107.400 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

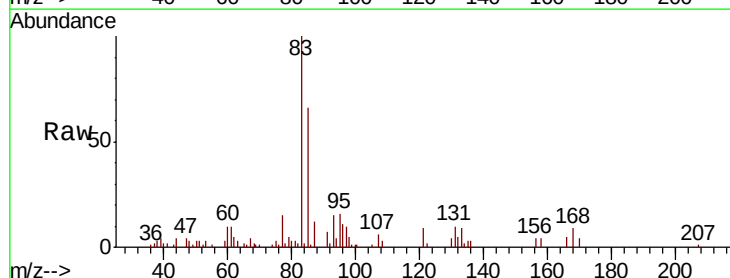
Tgt Ion: 83 Resp: 13187

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

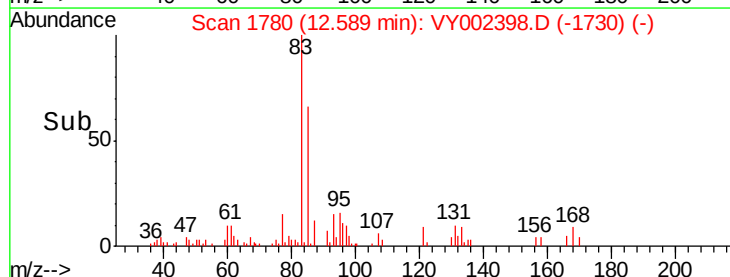
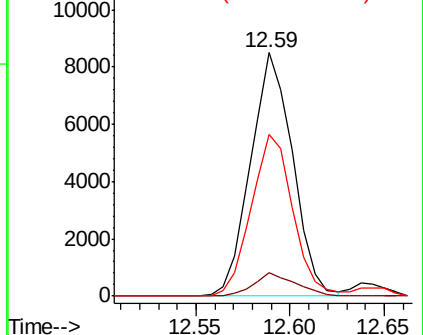
85 65.5 32.6 97.8

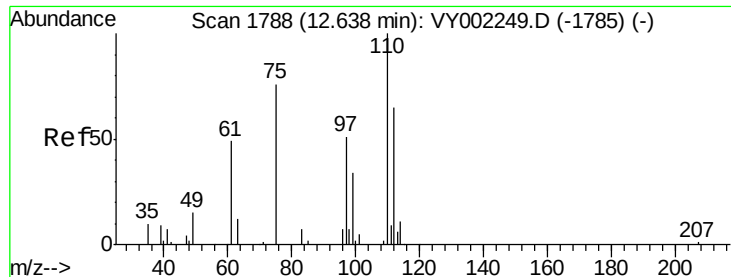


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0



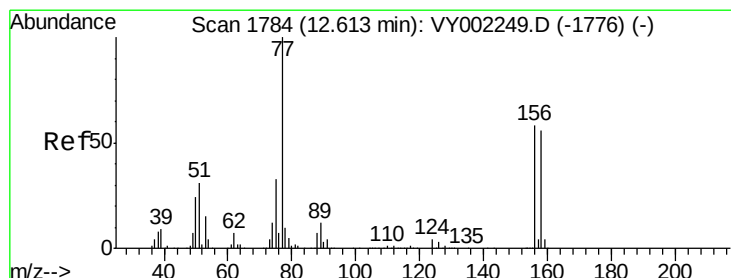
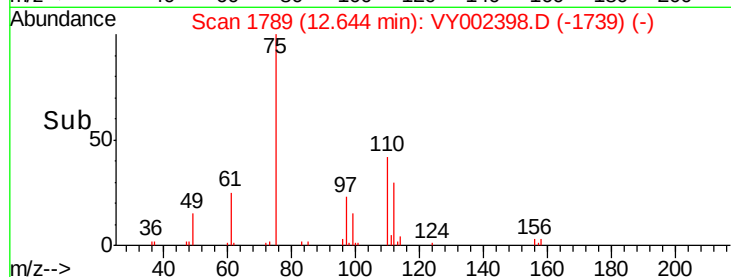
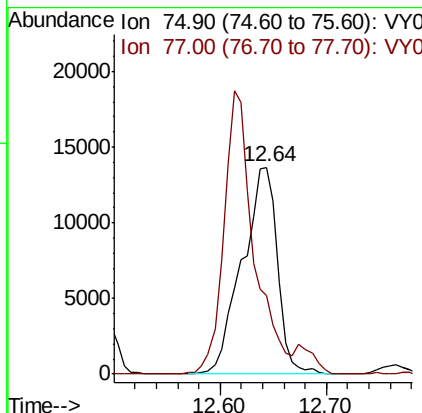
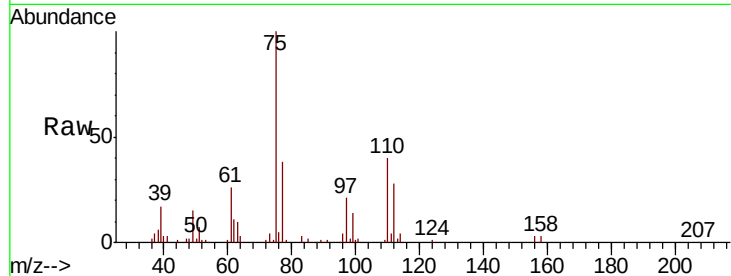


#76

1,2,3-Trichloropropane
Concen: 212.571 ug/l
RT: 12.64 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampled :

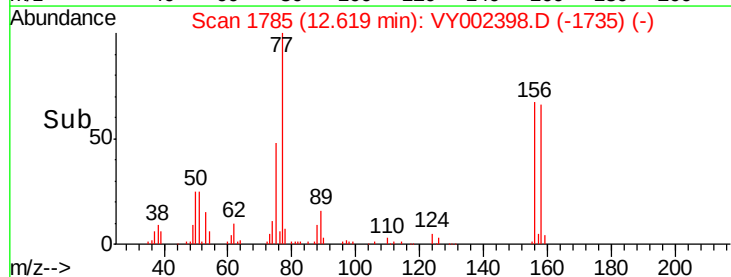
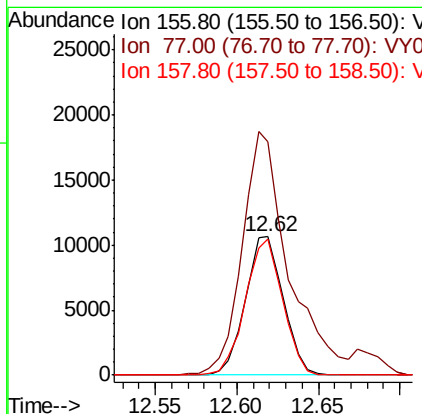
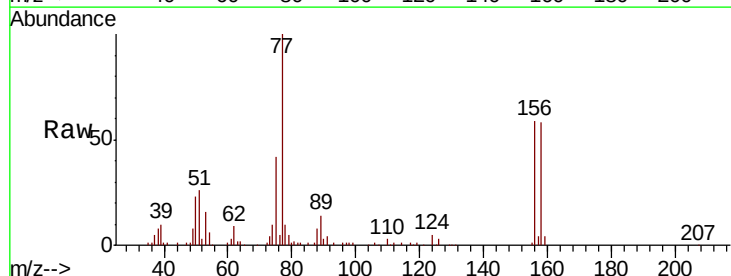
Tot Ion: 75 Resp: 31887
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

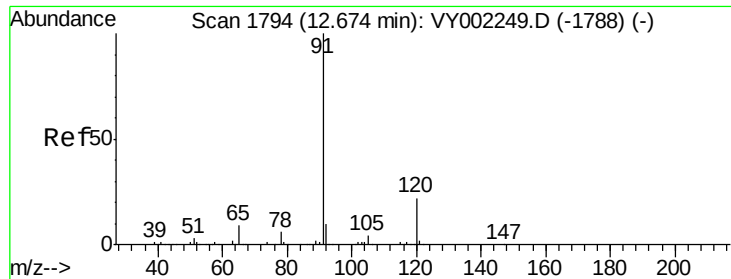


#77

Bromobenzene
Concen: 77.196 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 156 Resp: 17236
Ion Ratio Lower Upper
156 100
77 215.6 101.3 303.9
158 96.6 48.3 144.8





#78

n-propylbenzene

Concen: 67.960 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

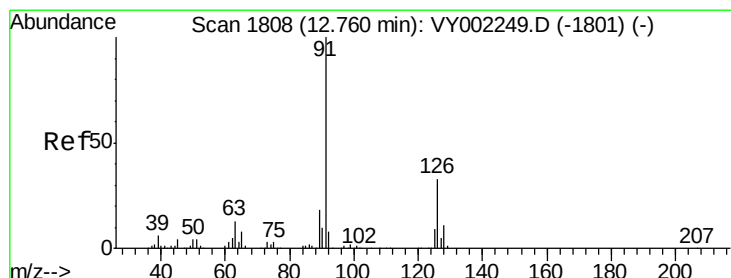
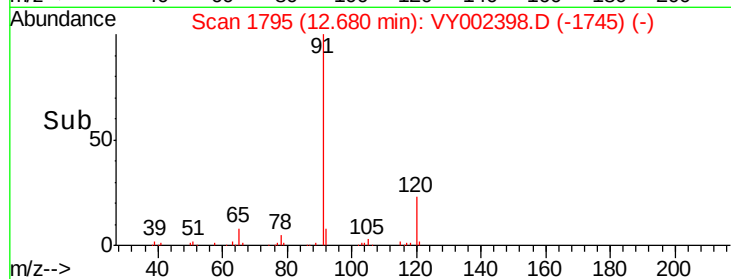
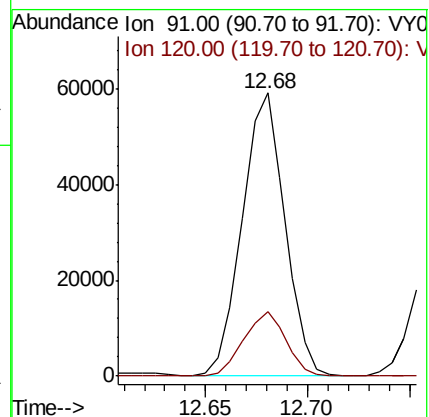
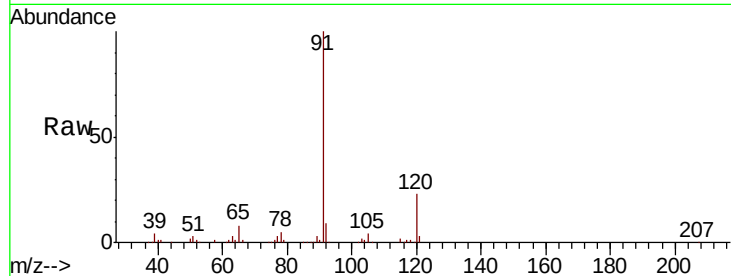
ClientSampleId :

Tot Ion: 91 Resp: 85778

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.5



#79

2-Chlorotoluene

Concen: 68.347 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002398.D

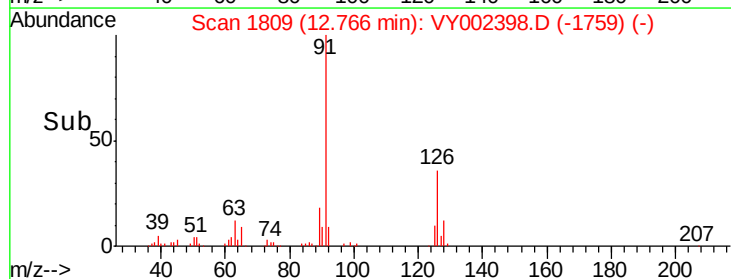
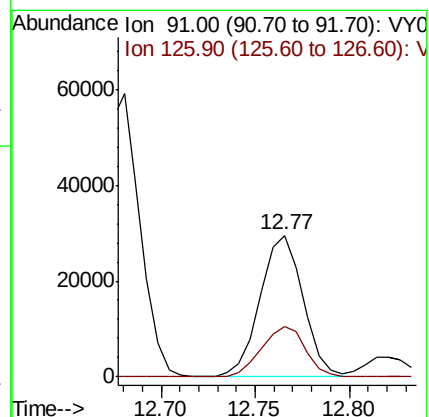
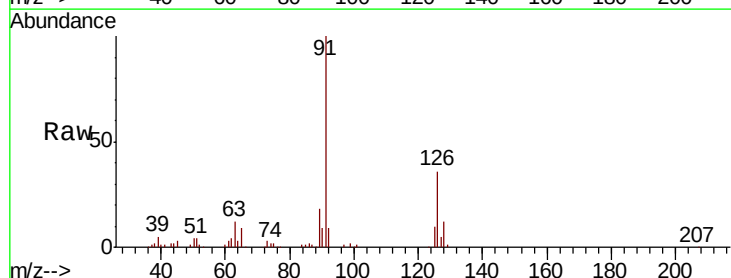
Acq: 17 Apr 2020 14:50

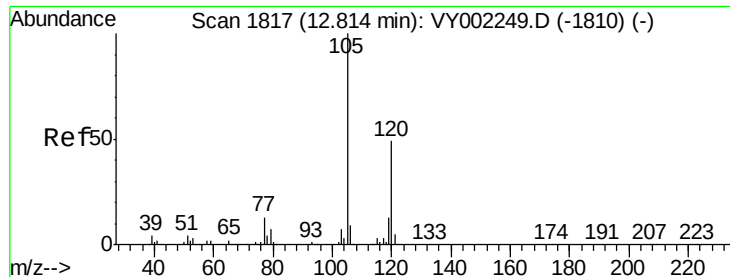
Tgt Ion: 91 Resp: 46881

Ion Ratio Lower Upper

91 100

126 35.9 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 75.722 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

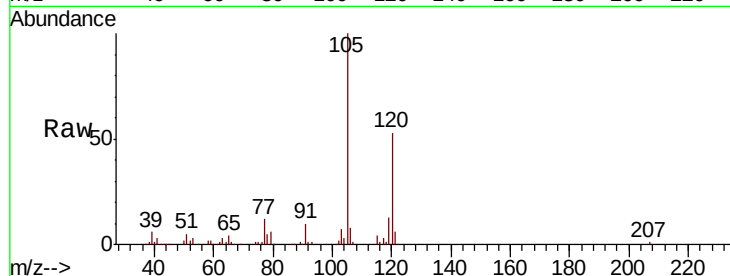
ClientSampleId :

Tot Ion:105 Resp: 63554

Ion Ratio Lower Upper

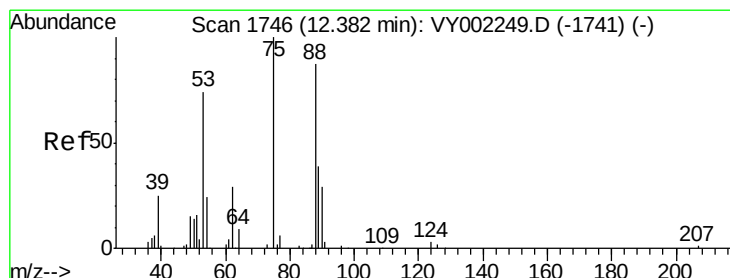
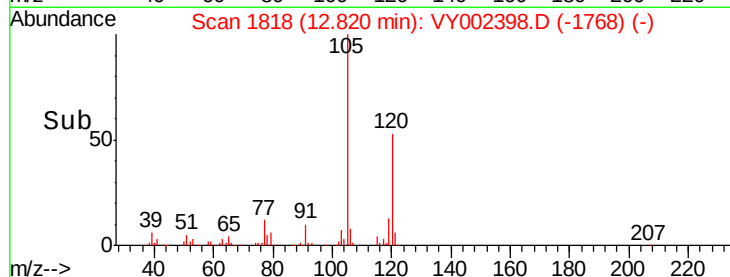
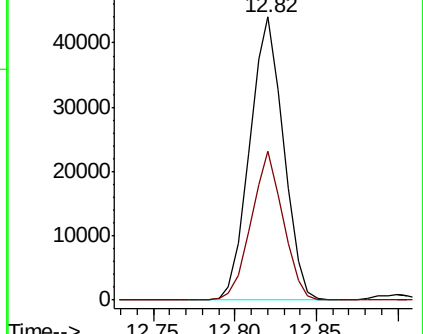
105 100

120 49.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 96.869 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

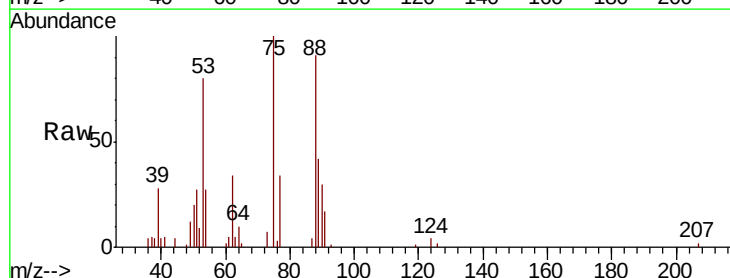
Tgt Ion: 75 Resp: 7471

Ion Ratio Lower Upper

75 100

53 70.0 59.8 89.8

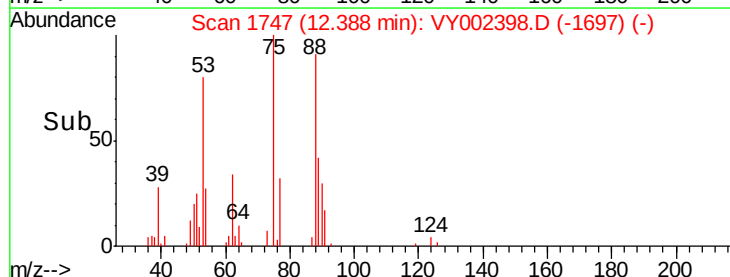
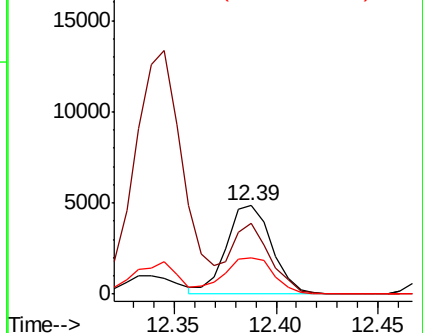
89 44.0 37.0 55.6

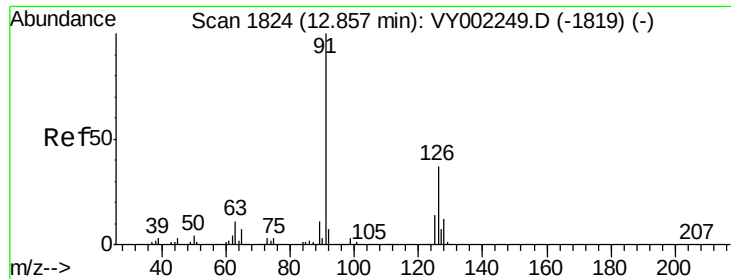


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

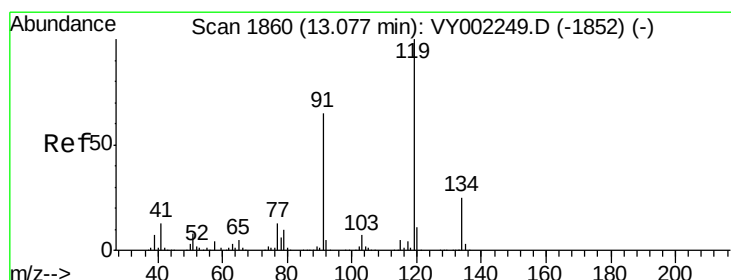
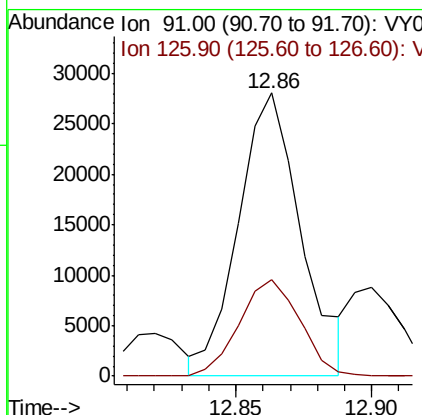
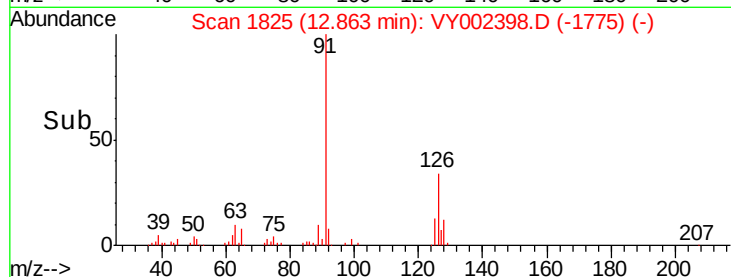
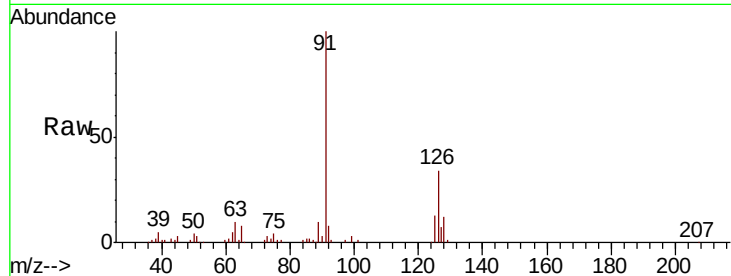




#82
4-Chlorotoluene
Concen: 62.166 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

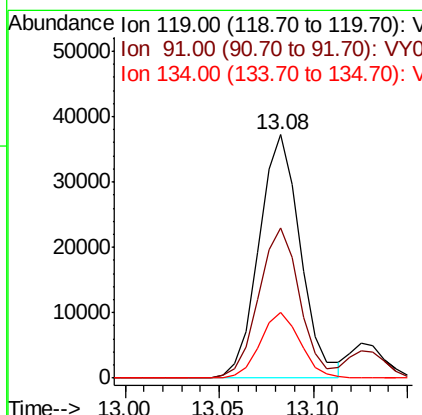
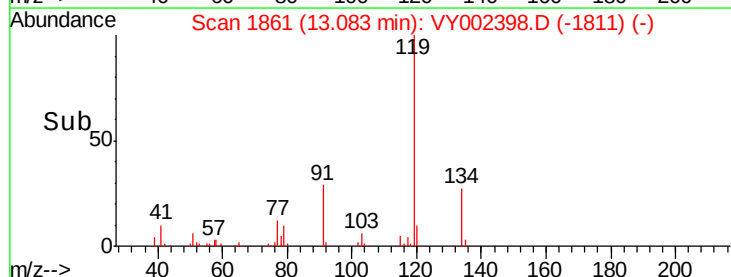
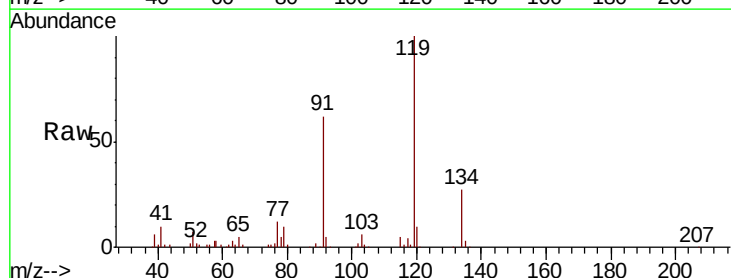
Instrument :
MSVOA_Y
ClientSampleId :

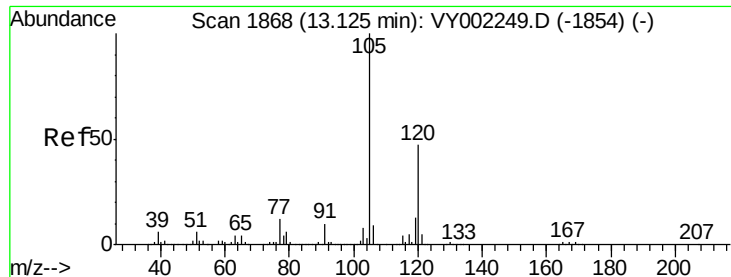
Tot Ion: 91 Resp: 44693
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7



#83
tert-Butylbenzene
Concen: 80.826 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 119 Resp: 56823
Ion Ratio Lower Upper
119 100
91 60.9 32.4 97.0
134 26.1 12.6 37.6

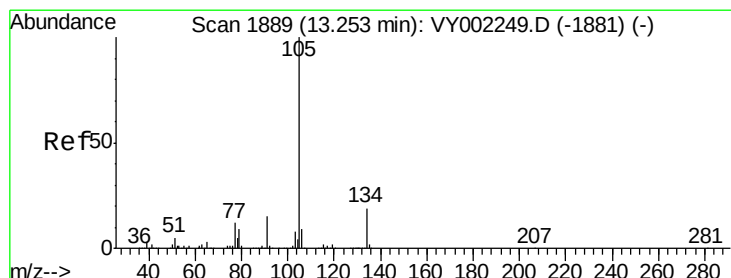
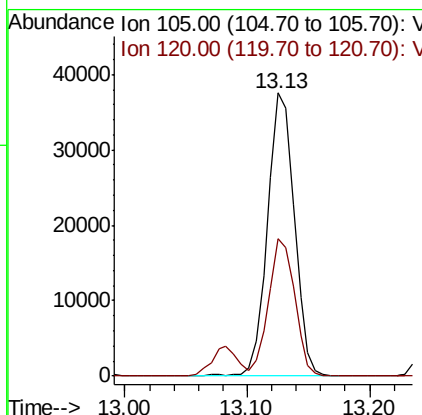
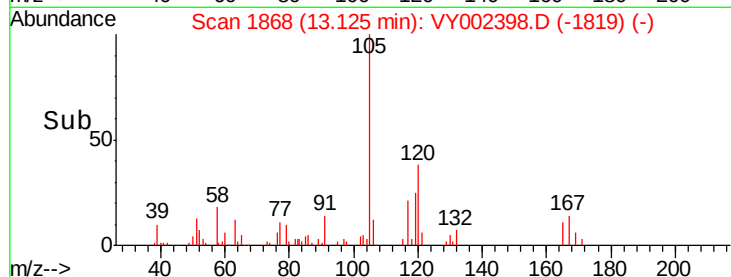
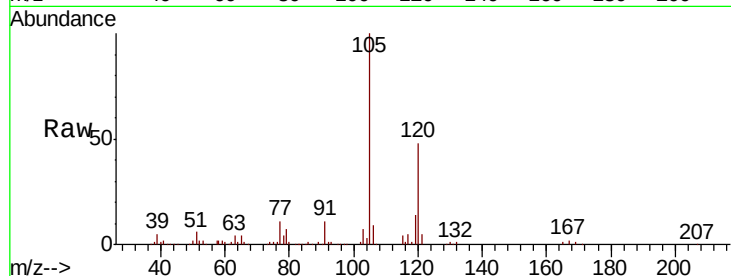




#84
 1,2,4-Trimethylbenzene
 Concen: 68.532 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

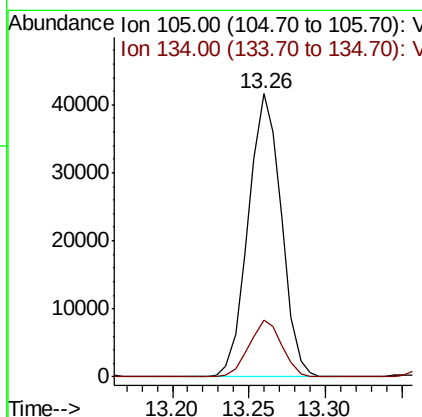
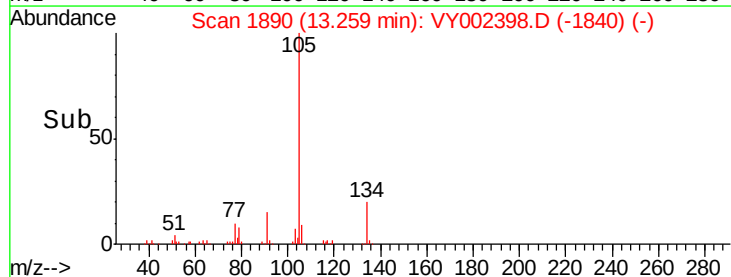
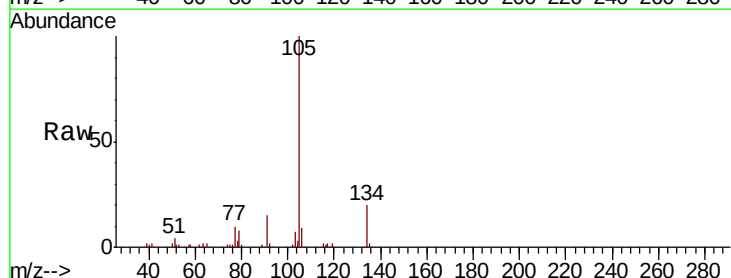
Instrument :
 MSVOA_Y
 ClientSampleId :

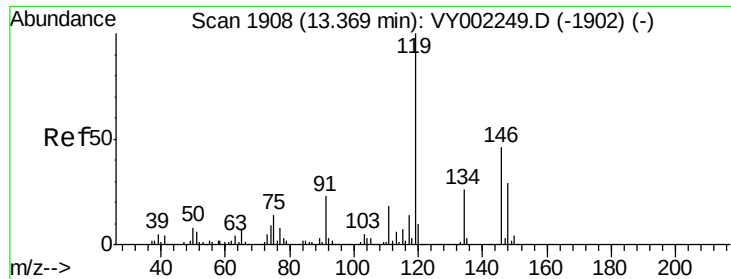
Tot Ion:105 Resp: 57438
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 59.676 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion:105 Resp: 62498
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

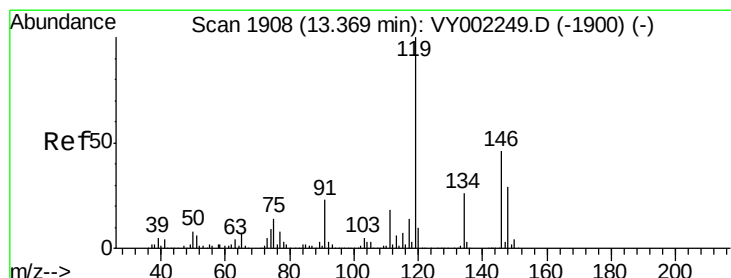
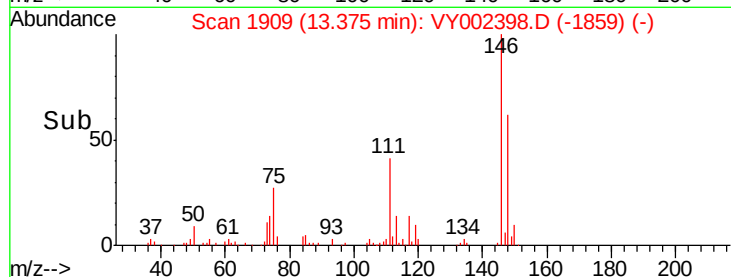
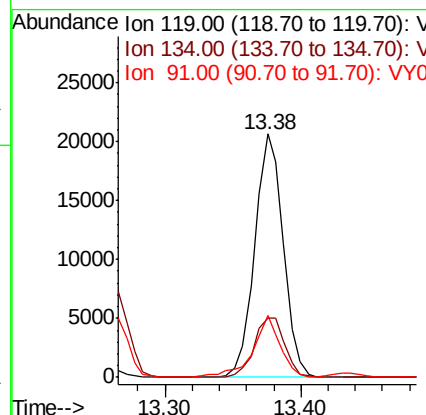
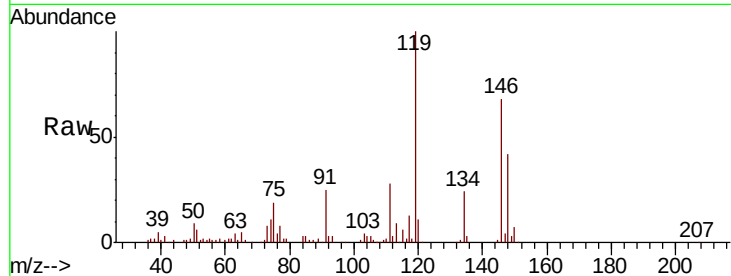




#86
 p-Isopropyltoluene
 Concen: 33.721 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

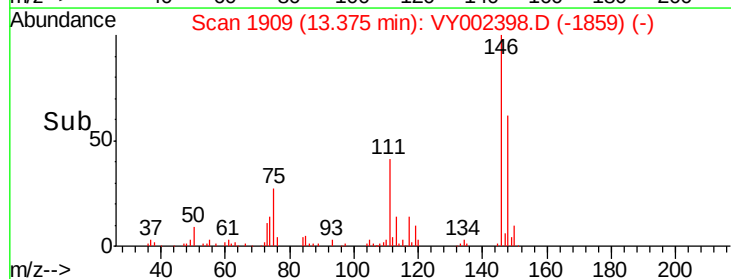
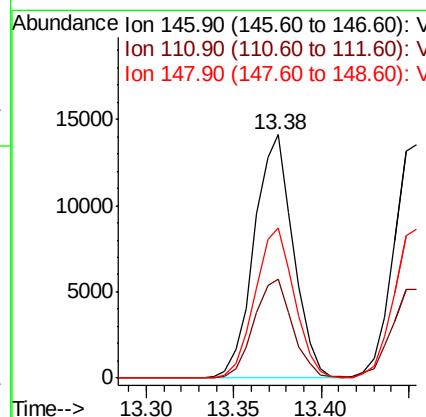
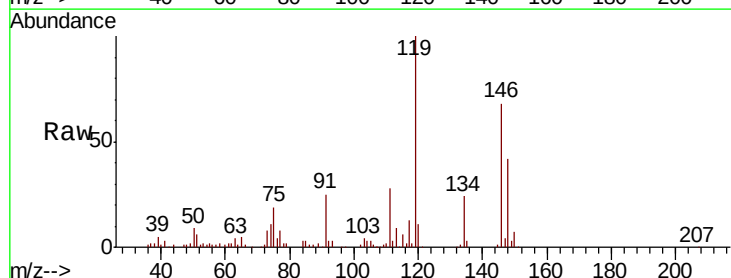
Instrument :
 MSVOA_Y
 ClientSampled :

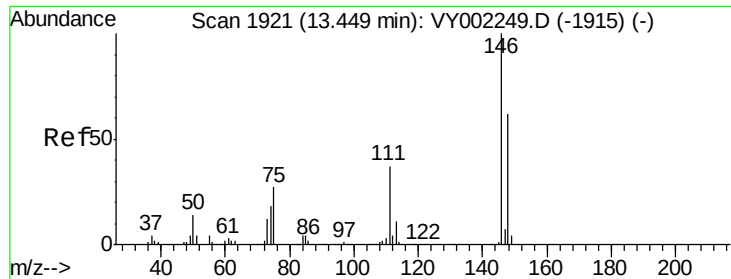
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.3	39.9
91	24.5	11.5	34.4



#87
 1,3-Dichlorobenzene
 Concen: 50.796 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	62.2	32.1	96.3

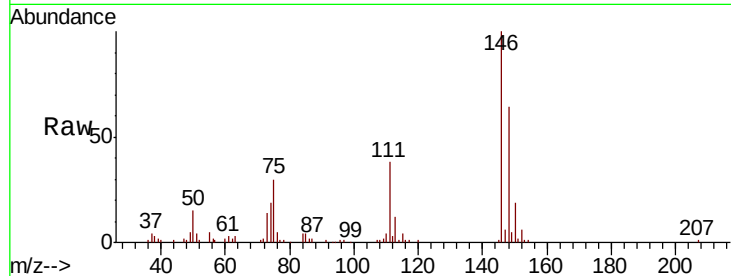




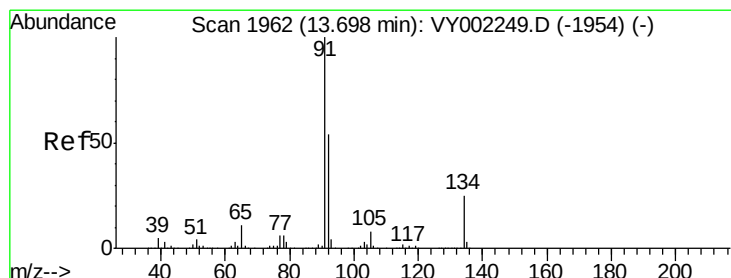
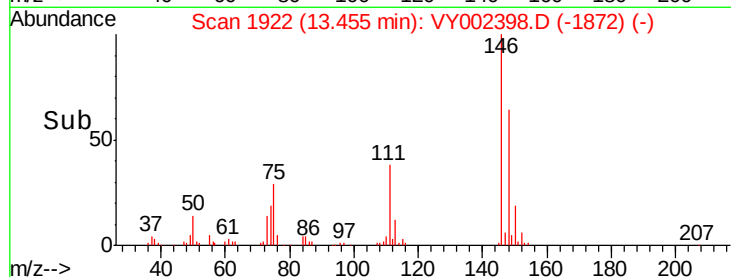
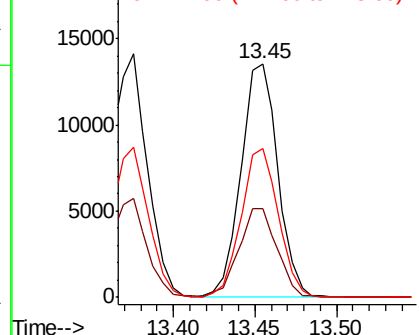
#88
 1,4-Dichlorobenzene
 Concen: 48.481 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.5	32.0	96.0

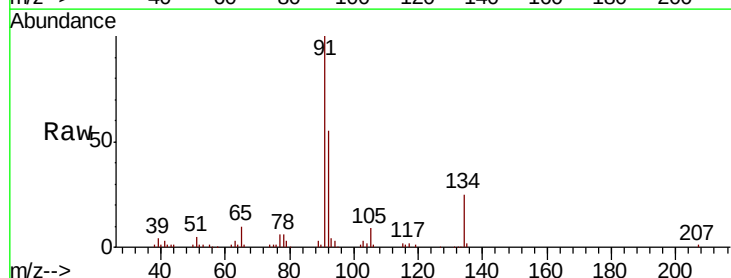


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

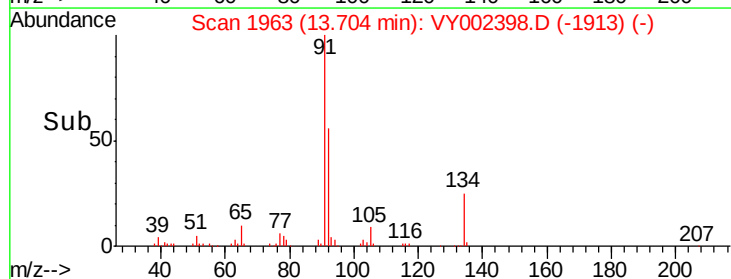
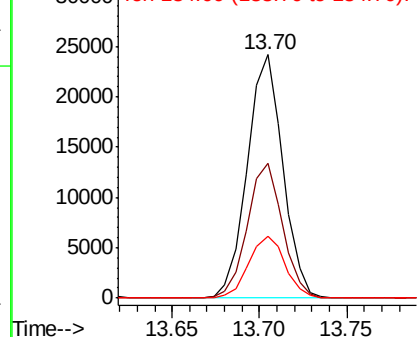


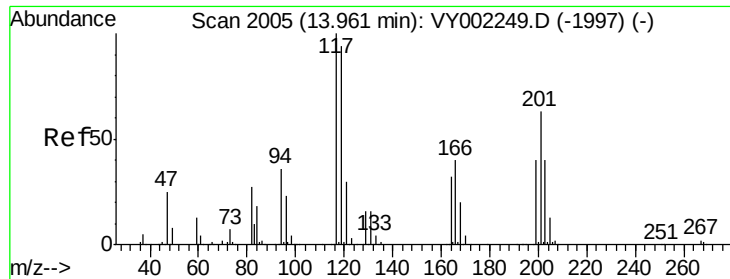
#89
 n-Butylbenzene
 Concen: 36.818 ug/l
 RT: 13.70 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	26.2	12.7	38.0



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

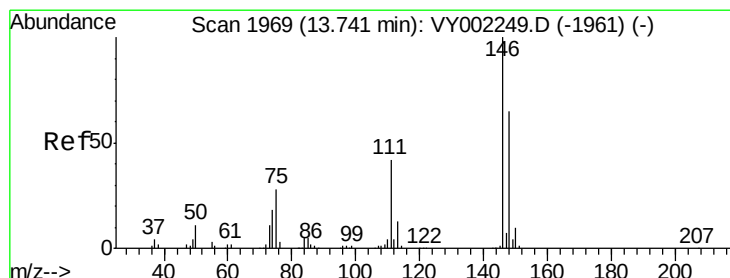
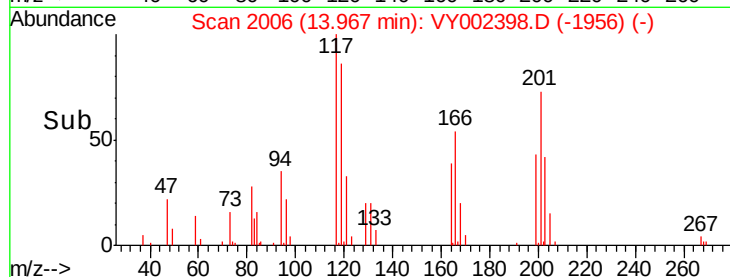
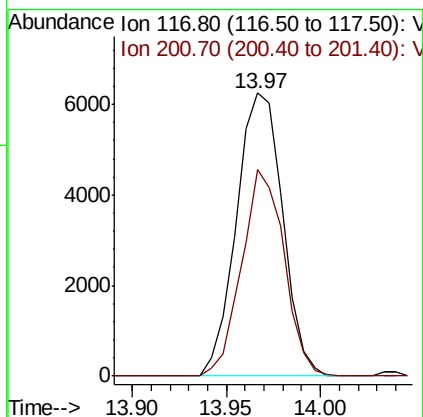
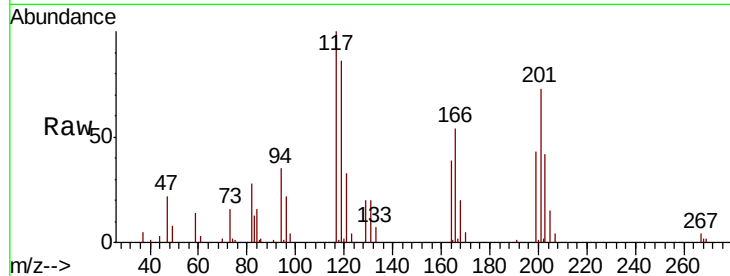




#90
Hexachloroethane
Concen: 61.917 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

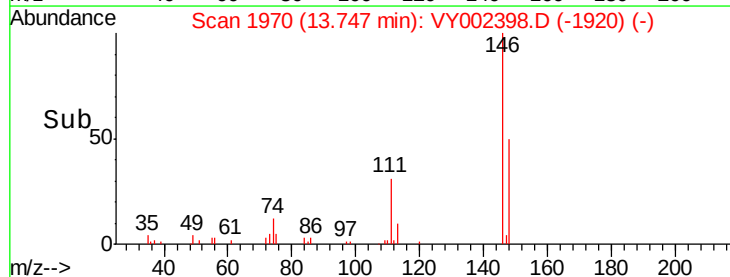
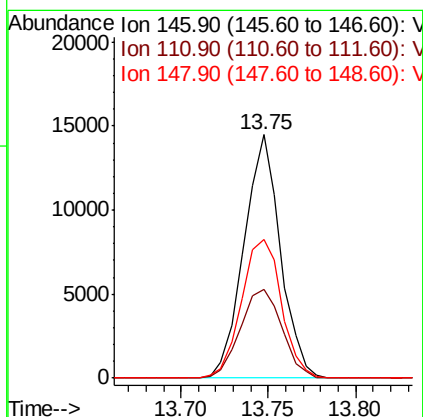
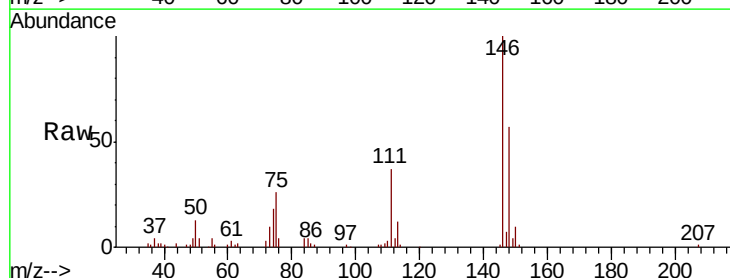
Instrument :
MSVOA_Y
ClientSampleId :

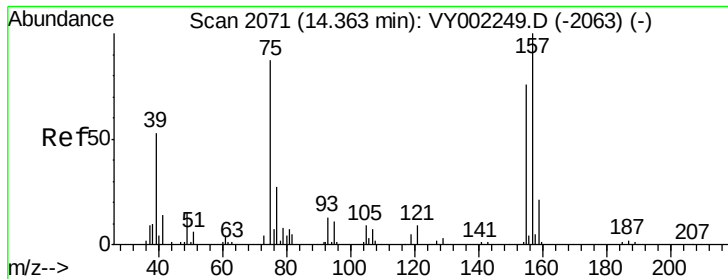
Tot Ion:117 Resp: 10635
Ion Ratio Lower Upper
117 100
201 67.2 33.1 99.2



#91
1,2-Dichlorobenzene
Concen: 53.137 ug/l
RT: 13.75 min Scan# 1970
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion:146 Resp: 20893
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.1
148 62.7 31.9 95.9

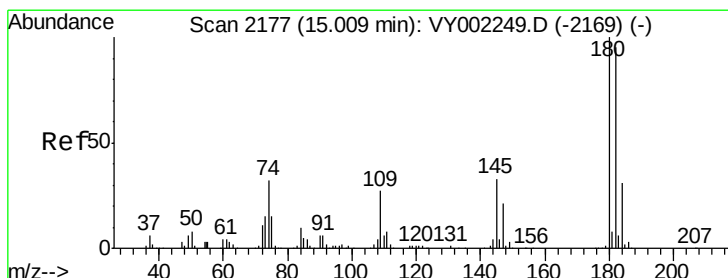
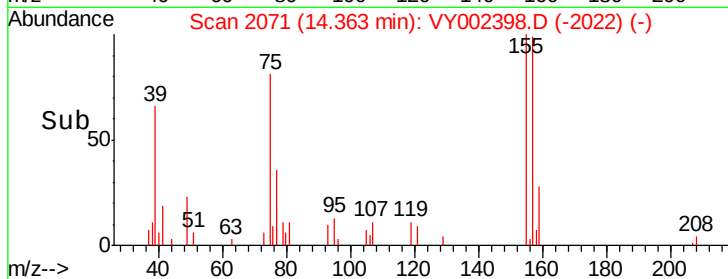
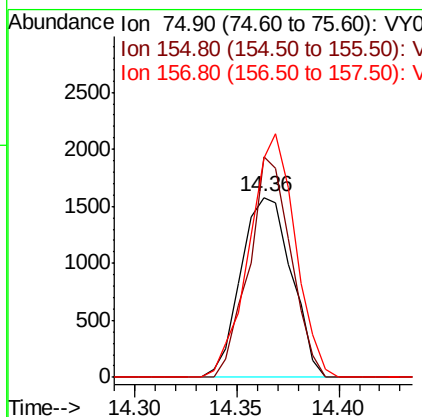
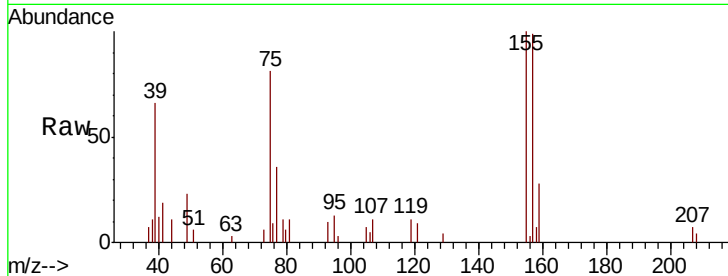




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.662 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

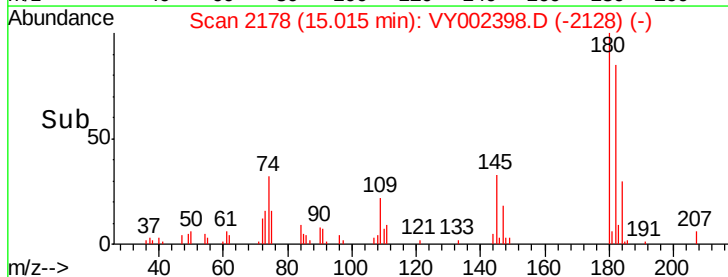
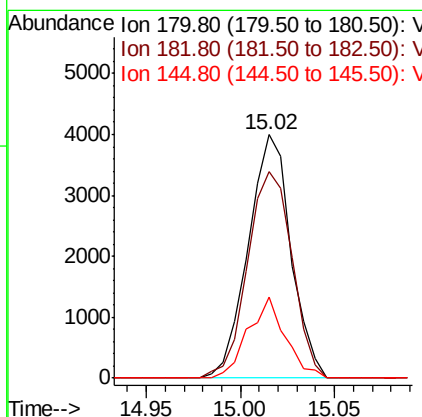
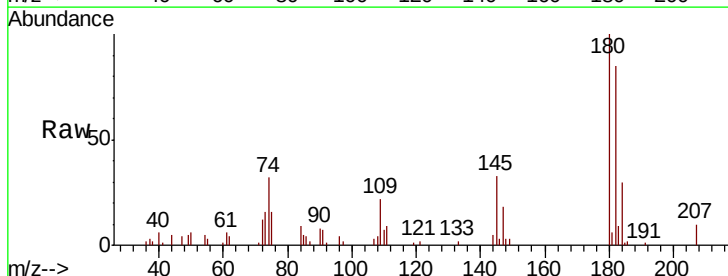
Instrument :
 MSVOA_Y
 ClientSampled :

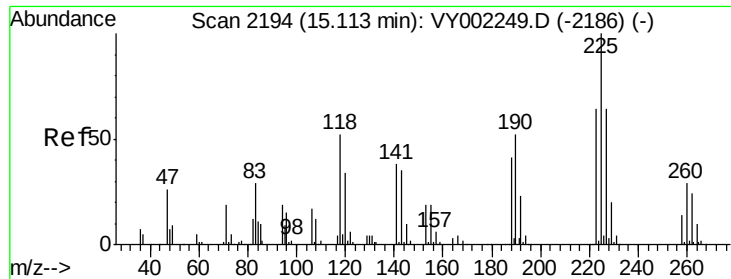
Tot Ion: 75 Resp: 2722
 Ion Ratio Lower Upper
 75 100
 155 101.6 43.6 130.8
 157 123.3 56.0 168.2



#93
 1,2,4-Trichlorobenzene
 Concen: 24.416 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion: 180 Resp: 6275
 Ion Ratio Lower Upper
 180 100
 182 88.4 47.9 143.7
 145 29.0 16.0 48.0





#94

Hexachlorobutadiene

Concen: 27.510 ug/l

RT: 15.12 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

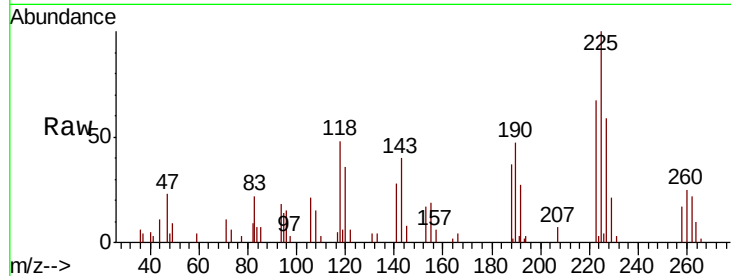
Tot Ion:225 Resp: 3561

Ion Ratio Lower Upper

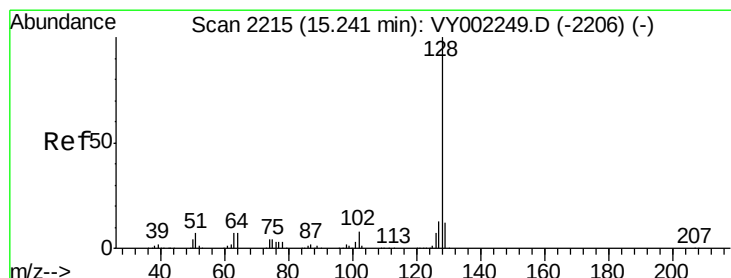
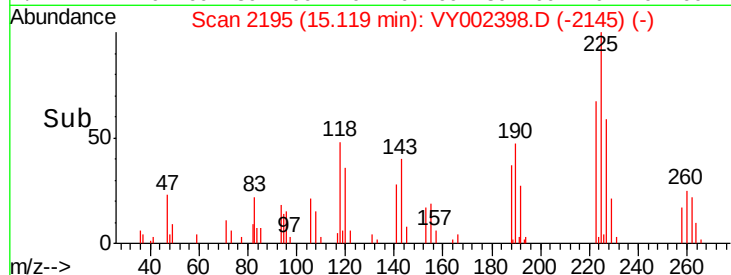
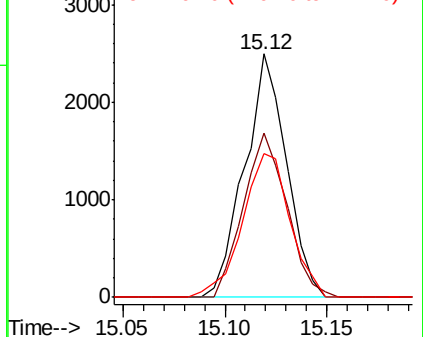
225 100

223 69.8 31.0 93.0

227 67.1 31.3 93.9



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: 28.092 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

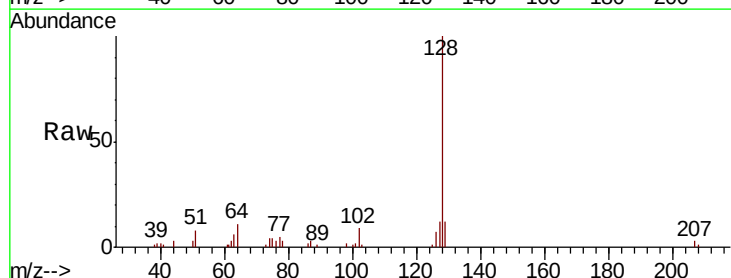
Tgt Ion:128 Resp: 15808

Ion Ratio Lower Upper

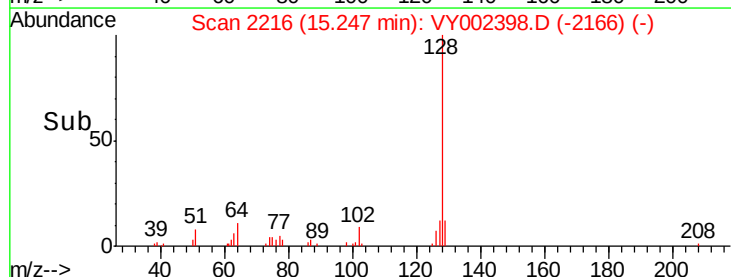
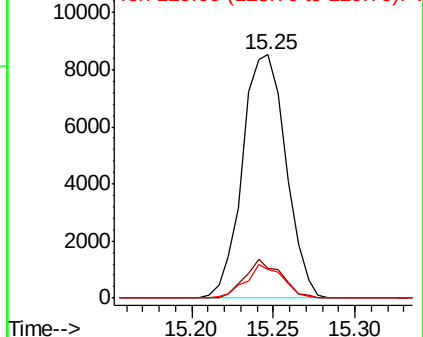
128 100

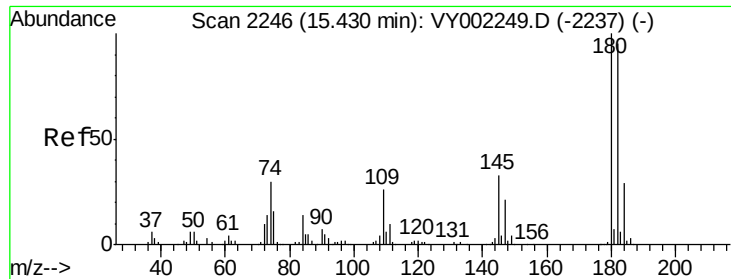
127 13.2 10.1 15.1

129 11.7 8.7 13.1



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

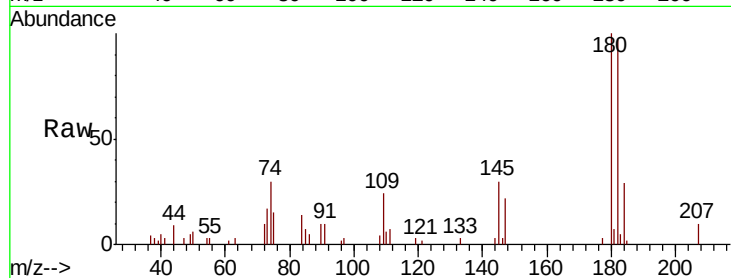




#96
 1,2,3-Trichlorobenzene
 Concen: 21.836 ug/l
 RT: 15.44 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.1	141.3
145	34.6	16.7	50.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

