

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020420\
 Data File : VY001486.D
 Acq On : 04 Feb 2020 14:42
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 04 15:02:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 14:58:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	225790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	400183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	349366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	154518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	349939	153.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.86%	
35) Dibromofluoromethane	7.74	113	331660	143.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.44%	
50) Toluene-d8	10.19	98	1302669	149.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.40%	
62) 4-Bromofluorobenzene	12.49	95	470723	136.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	314082	142.11	ug/l	97
3) Chloromethane	2.12	50	319179	138.17	ug/l	98
4) Vinyl Chloride	2.26	62	339861	141.69	ug/l	98
5) Bromomethane	2.64	94	179974	119.31	ug/l	97
6) Chloroethane	2.80	64	199808	138.20	ug/l	97
7) Trichlorofluoromethane	3.14	101	554033	139.54	ug/l	98
8) Diethyl Ether	3.55	74	194612	145.25	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	329117	137.77	ug/l	99
10) Methyl Iodide	4.11	142	448898	147.48	ug/l	100
11) Tert butyl alcohol	4.99	59	179413	513.56	ug/l	99
12) 1,1-Dichloroethene	3.89	96	329165	138.66	ug/l	100
13) Acrolein	3.75	56	168239	781.55	ug/l	100
14) Allyl chloride	4.50	41	513176	141.31	ug/l	99
15) Acrylonitrile	5.20	53	471281	767.29	ug/l	100
16) Acetone	3.97	43	557367	847.58	ug/l	98
17) Carbon Disulfide	4.21	76	1058816	140.11	ug/l	99
18) Methyl Acetate	4.50	43	217554	155.03	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	922348	146.10	ug/l	100
20) Methylene Chloride	4.74	84	354390	119.87	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	366865	139.02	ug/l	99
22) Diisopropyl ether	6.15	45	1026352	142.65	ug/l	99
23) Vinyl Acetate	6.09	43	3299659	720.43	ug/l	99
24) 1,1-Dichloroethane	6.05	63	607259	140.32	ug/l	99
25) 2-Butanone	7.02	43	683095	800.69	ug/l	98
26) 2,2-Dichloropropane	7.01	77	546898	132.04	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	397702	137.98	ug/l	100
28) Bromochloromethane	7.36	49	230917	156.63	ug/l	99
29) Tetrahydrofuran	7.37	42	398773	779.86	ug/l	100
30) Chloroform	7.53	83	615635	140.44	ug/l	100
31) Cyclohexane	7.81	56	576342	130.19	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	555548	139.78	ug/l	100
36) 1,1-Dichloropropene	7.94	75	495422	135.33	ug/l	100
37) Ethyl Acetate	7.10	43	269820	152.25	ug/l	99
38) Carbon Tetrachloride	7.93	117	488212	137.84	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	646666	134.15	ug/l	97
40) Benzene	8.18	78	1414503	135.46	ug/l	99
41) Methacrylonitrile	7.37	41	367314	315.15	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	406594	139.76	ug/l	99
43) Isopropyl Acetate	8.29	43	525999	149.90	ug/l	98
44) Trichloroethene	8.96	130	383556	136.27	ug/l	100
45) 1,2-Dichloropropane	9.23	63	349790	138.72	ug/l	100
46) Dibromomethane	9.32	93	199547	140.93	ug/l	99
47) Bromodichloromethane	9.51	83	488936	141.73	ug/l	100
48) Methyl methacrylate	9.31	41	238879	149.99	ug/l	99
49) 1,4-Dioxane	9.32	88	56048	2997.38	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	1304171	754.71	ug/l	99
52) Toluene	10.25	92	885688	133.68	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	536571	142.80	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	600310	139.16	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	287274	141.41	ug/l	99
56) Ethyl methacrylate	10.52	69	432869	149.81	ug/l	99
57) 1,3-Dichloropropane	10.80	76	499222	139.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	785469	738.96	ug/l	99
59) 2-Hexanone	10.84	43	994157	791.25	ug/l	100
60) Dibromochloromethane	10.99	129	340968	142.39	ug/l	99
61) 1,2-Dibromoethane	11.10	107	287373	143.62	ug/l	98
64) Tetrachloroethene	10.73	164	335628	146.49	ug/l	96
65) Chlorobenzene	11.52	112	935912	136.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	324557	135.18	ug/l	98
67) Ethyl Benzene	11.60	91	1665140	131.28	ug/l	99
68) m/p-Xylenes	11.71	106	1235778	259.54	ug/l	100
69) o-Xylene	12.03	106	580784	129.37	ug/l	96
70) Styrene	12.05	104	1032590	133.01	ug/l	100
71) Bromoform	12.22	173	198977	148.84	ug/l #	99
73) Isopropylbenzene	12.34	105	1588301	134.78	ug/l	100
74) N-amyl acetate	12.15	43	473702	154.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	336303	150.20	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	450059	238.85	ug/l #	100
77) Bromobenzene	12.61	156	350047	137.25	ug/l	94
78) n-propylbenzene	12.68	91	1901524	134.78	ug/l	100
79) 2-Chlorotoluene	12.76	91	1096150	136.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	1321485	133.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	133769	155.77	ug/l	97
82) 4-Chlorotoluene	12.86	91	1136230	134.76	ug/l	100
83) tert-Butylbenzene	13.08	119	1118366	133.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	1283619	130.68	ug/l	99
85) sec-Butylbenzene	13.26	105	1547876	131.23	ug/l	99
86) p-Isopropyltoluene	13.38	119	1322904	127.27	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	630288	128.96	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	656196	134.01	ug/l	99
89) n-Butylbenzene	13.70	91	1340411	130.70	ug/l	100
90) Hexachloroethane	13.97	117	273995	137.34	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	602963	136.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	61515	148.82	ug/l	95

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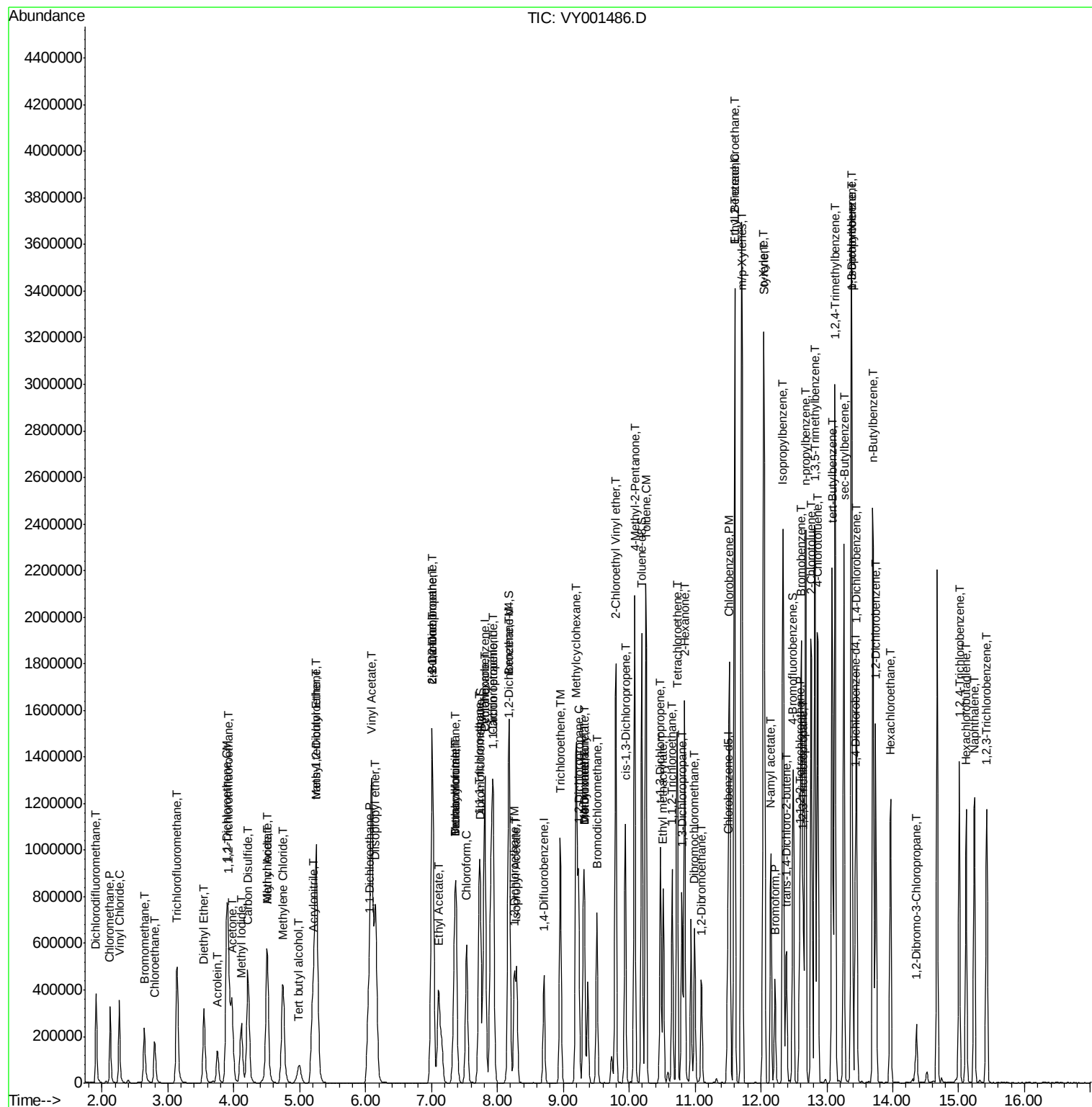
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	402622	134.89	ug/l	99
94) Hexachlorobutadiene	15.11	225	199317	131.57	ug/l	98
95) Naphthalene	15.24	128	1018129	145.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	365781	138.83	ug/l	98

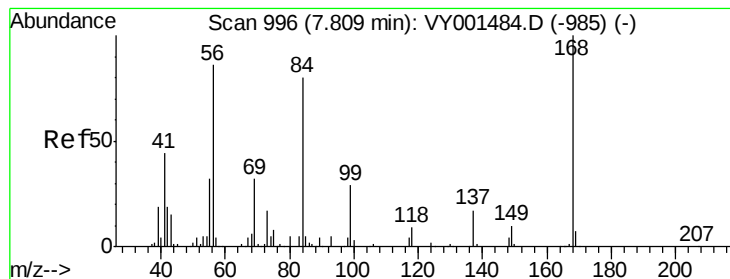
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 14:58:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

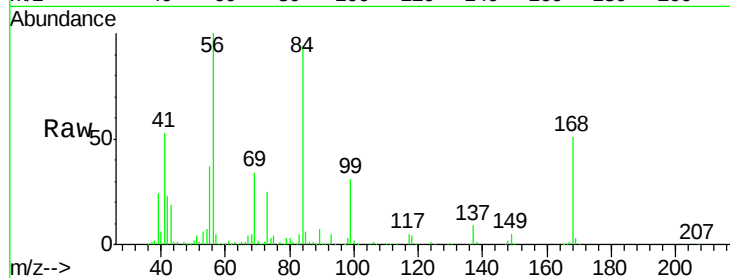
VSTDIC150

Tgt Ion:168 Resp: 225790

Ion Ratio Lower Upper

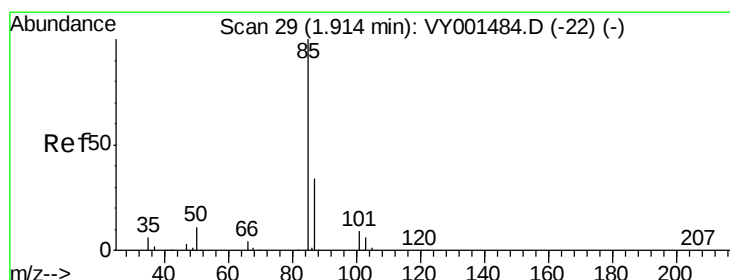
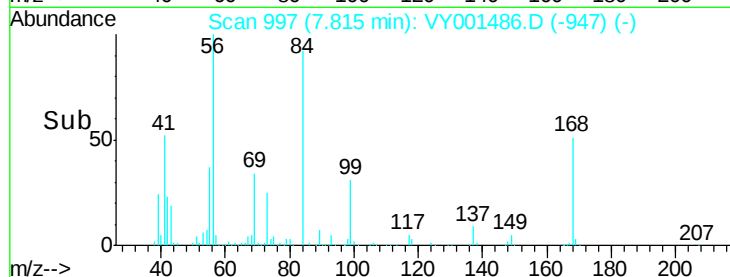
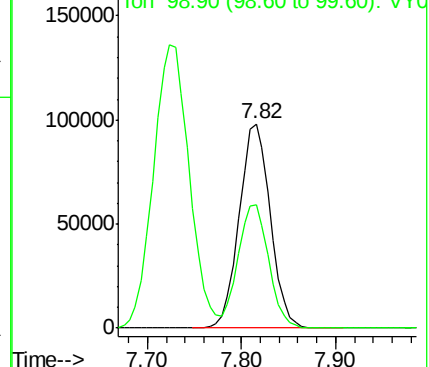
168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001486.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001486.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 142.11 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001486.D

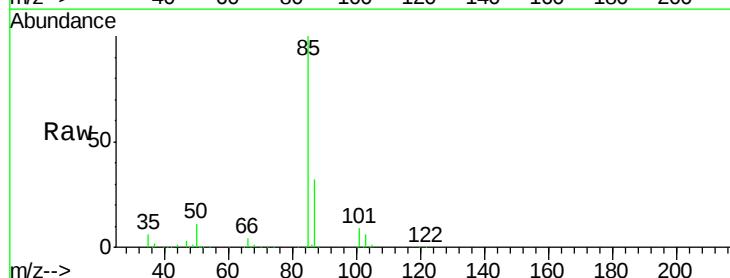
Acq: 04 Feb 2020 14:42

Tgt Ion: 85 Resp: 314082

Ion Ratio Lower Upper

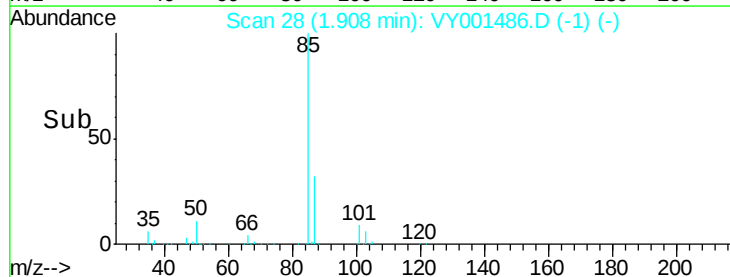
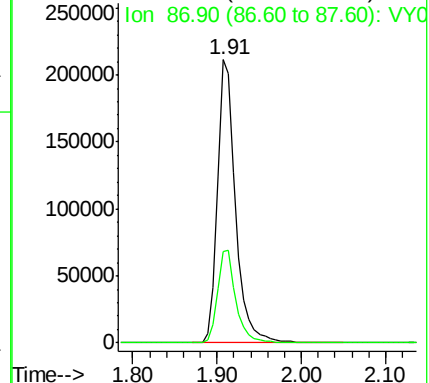
85 100

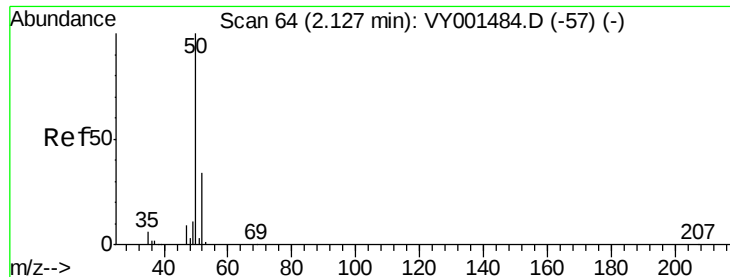
87 32.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001486.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001486.D (-1) (-)





#3

Chloromethane

Concen: 138.17 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

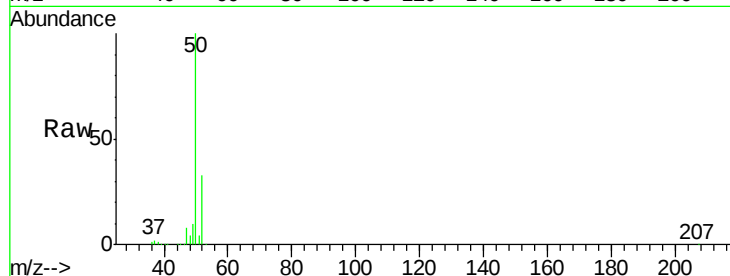
VSTDIC150

Tgt Ion: 50 Resp: 319179

Ion Ratio Lower Upper

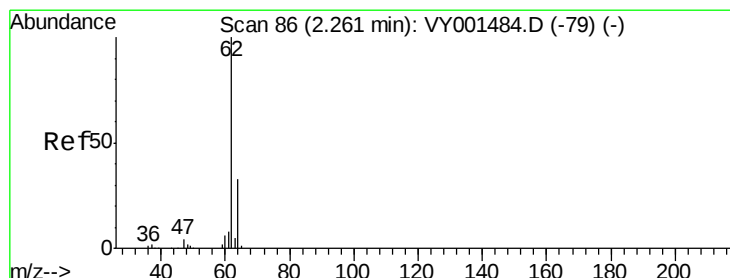
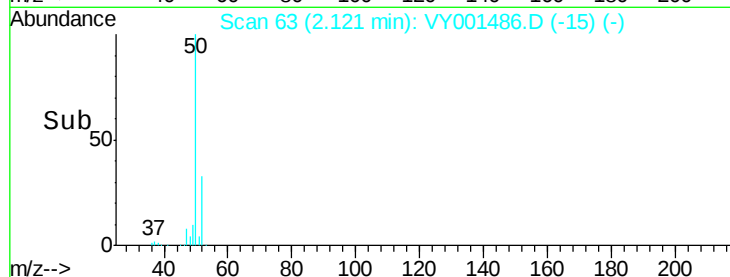
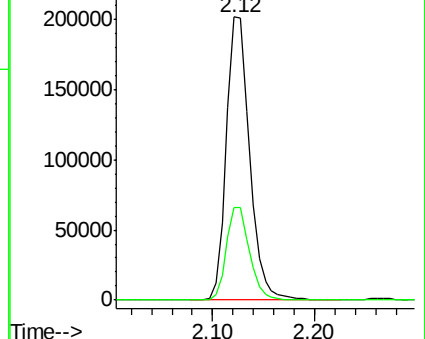
50 100

52 32.9 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 141.69 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001486.D

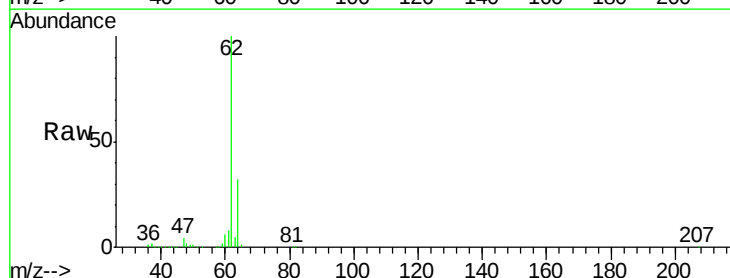
Acq: 04 Feb 2020 14:42

Tgt Ion: 62 Resp: 339861

Ion Ratio Lower Upper

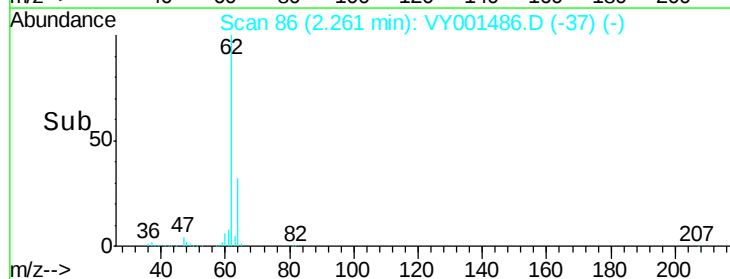
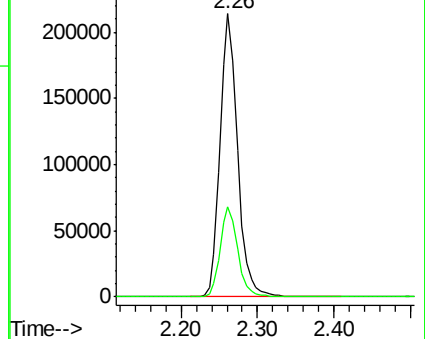
62 100

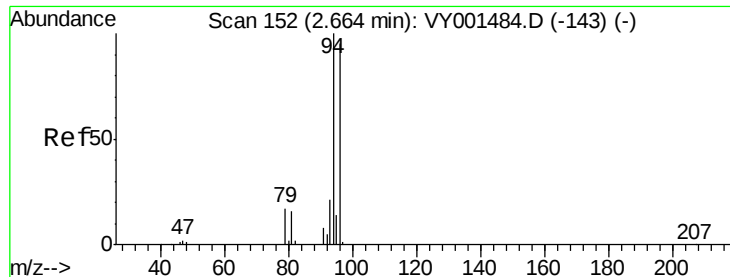
64 31.7 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 119.31 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

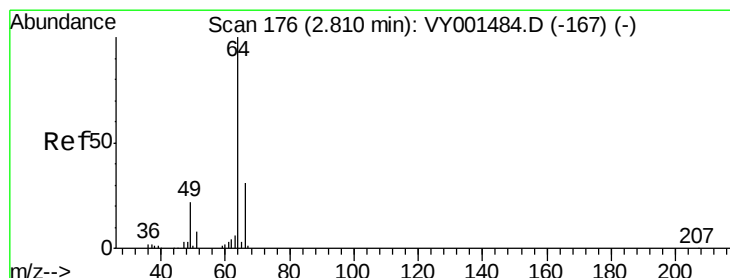
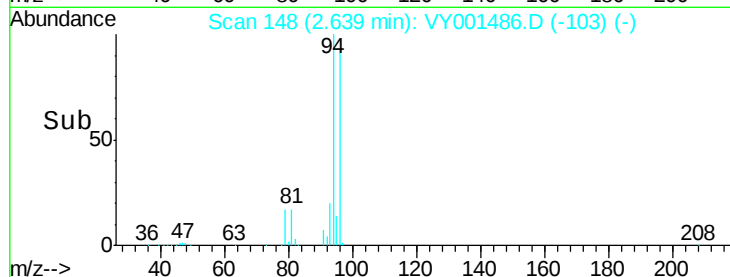
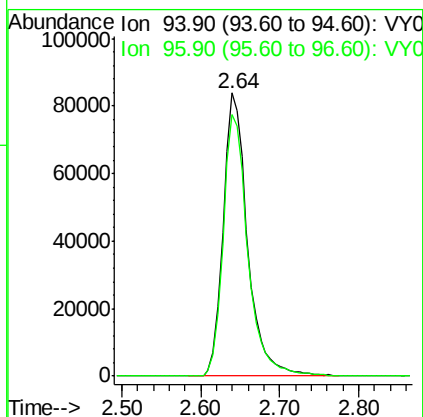
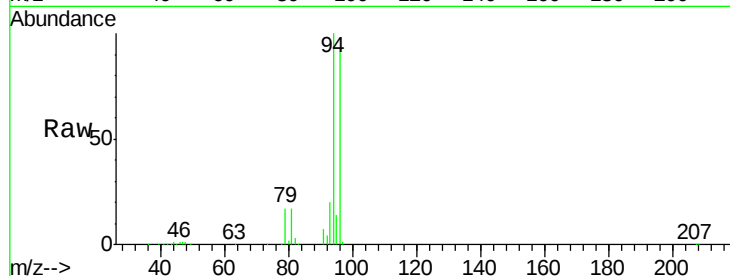
VSTDIC150

Tgt Ion: 94 Resp: 179974

Ion Ratio Lower Upper

94 100

96 92.5 76.2 114.2



#6

Chloroethane

Concen: 138.20 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001486.D

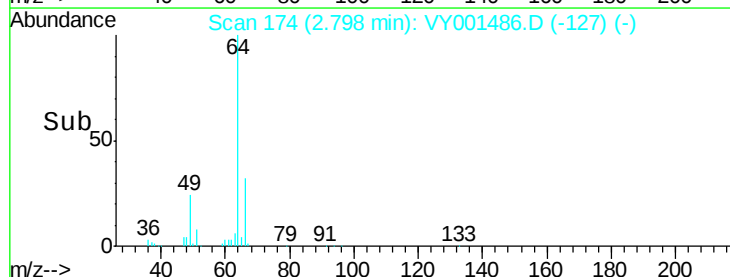
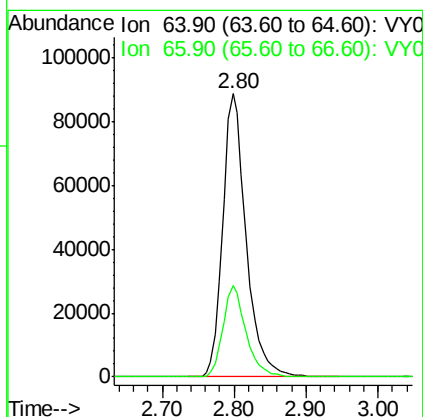
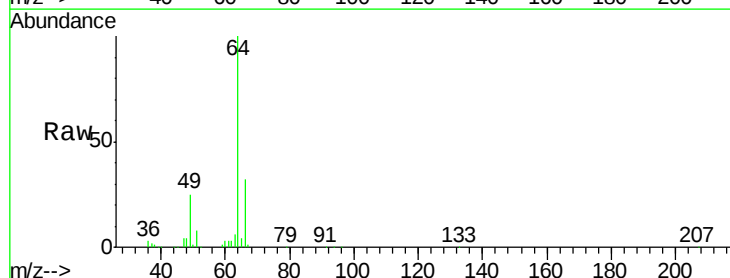
Acq: 04 Feb 2020 14:42

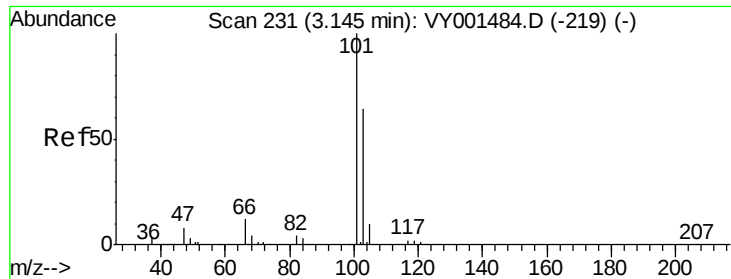
Tgt Ion: 64 Resp: 199808

Ion Ratio Lower Upper

64 100

66 32.4 24.5 36.7



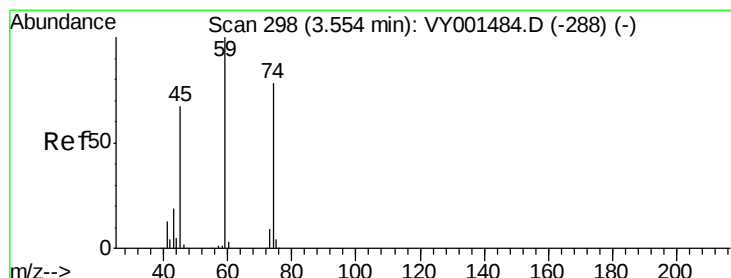
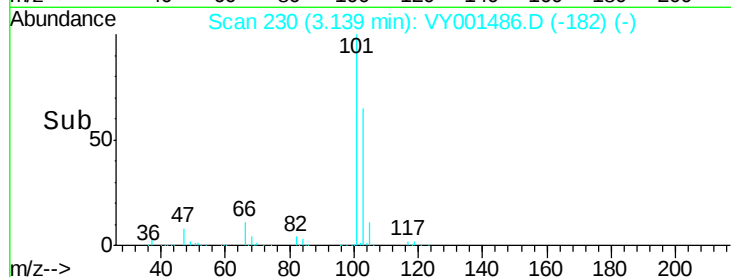
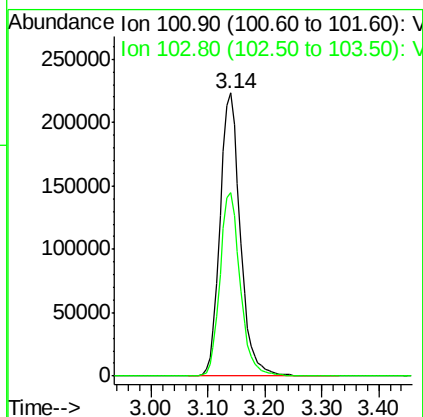
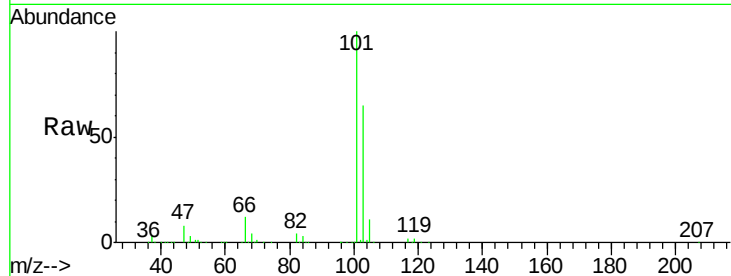


#7

Trichlorofluoromethane
 Concen: 139.54 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
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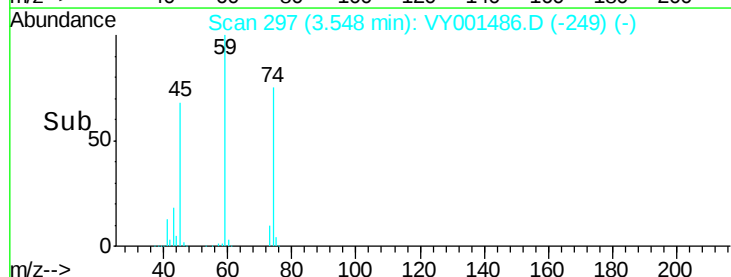
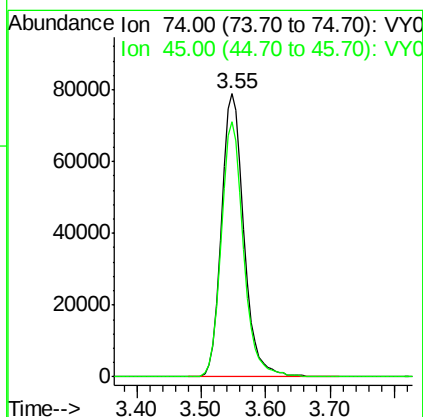
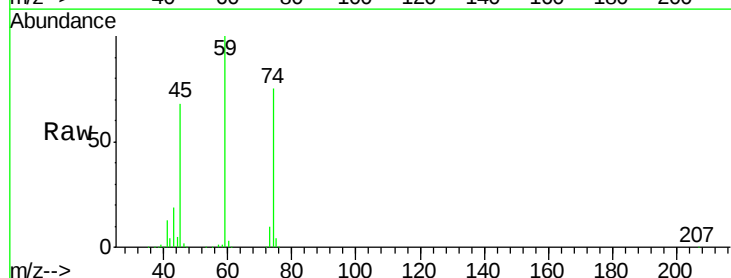
Tgt Ion:101 Resp: 554033
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.9 76.3

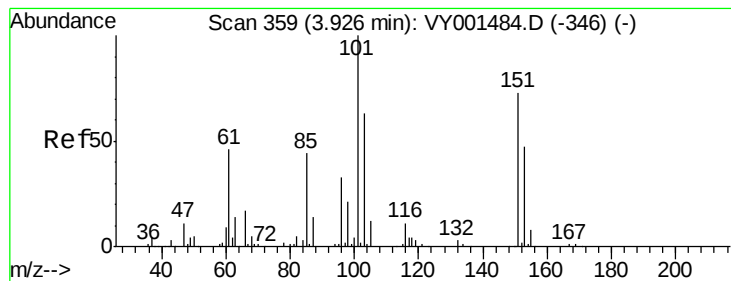


#8

Diethyl Ether
 Concen: 145.25 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion: 74 Resp: 194612
 Ion Ratio Lower Upper
 74 100
 45 89.4 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.77 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

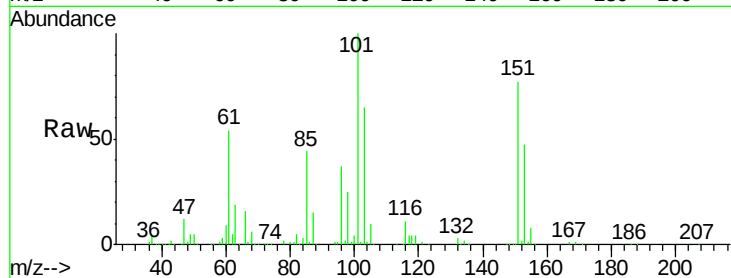
Tgt Ion:101 Resp: 329117

Ion Ratio Lower Upper

101 100

85 43.0 34.6 51.8

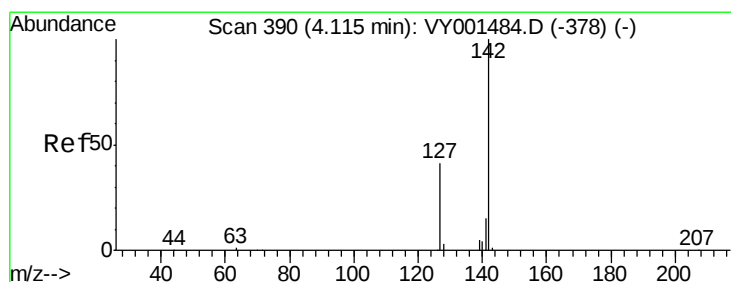
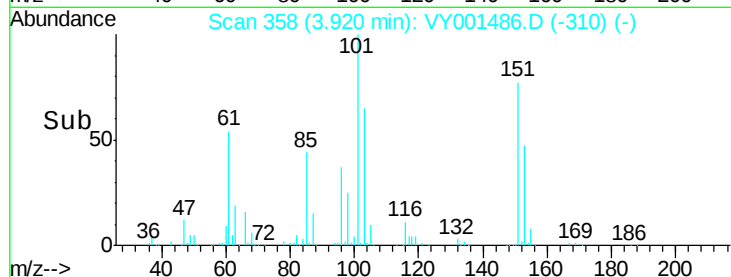
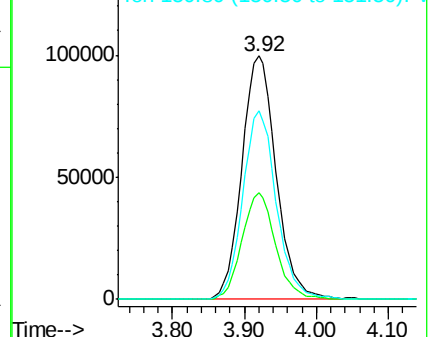
151 76.1 60.3 90.5



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: 147.48 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

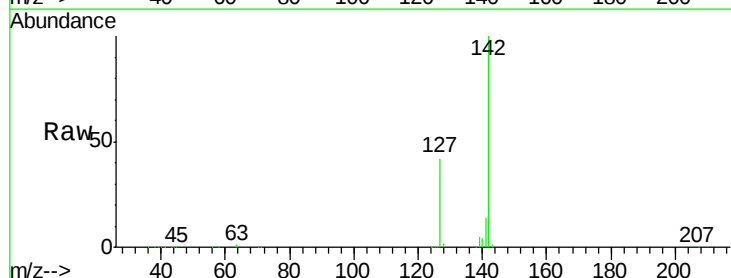
Tgt Ion:142 Resp: 448898

Ion Ratio Lower Upper

142 100

127 41.7 33.3 49.9

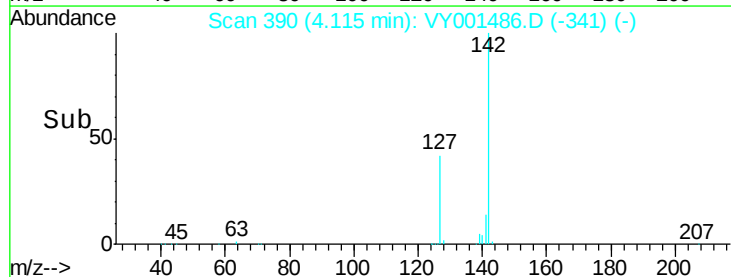
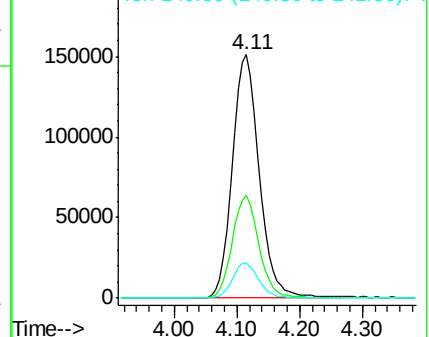
141 14.3 11.5 17.3

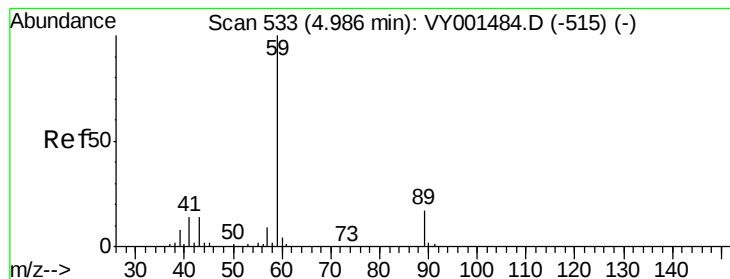


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



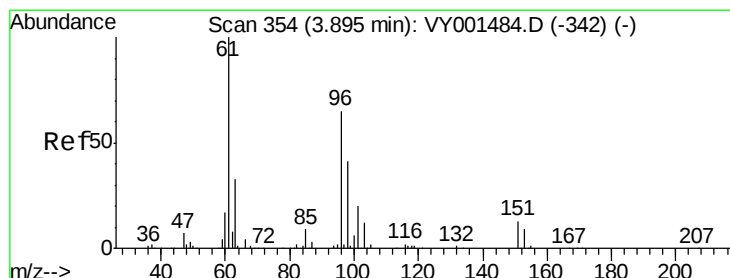
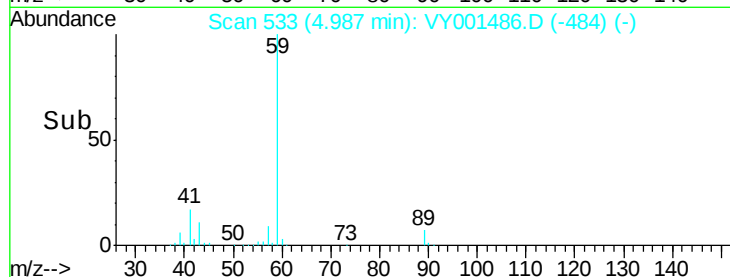
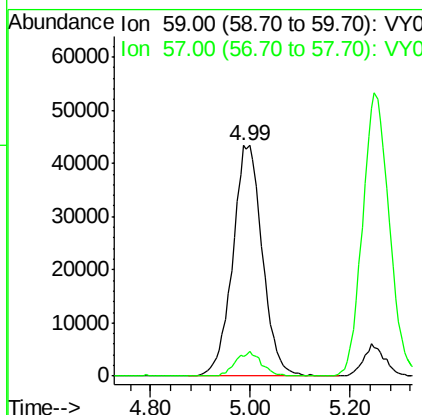
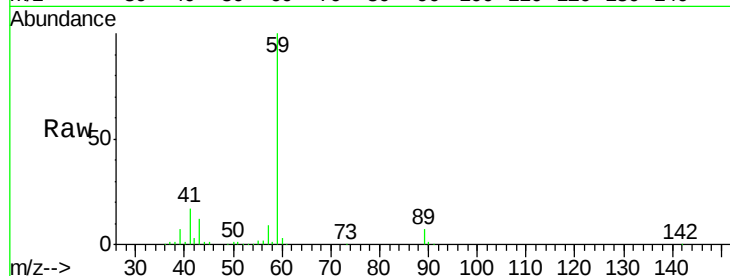


#11

Tert butyl alcohol
 Concen: 513.56 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

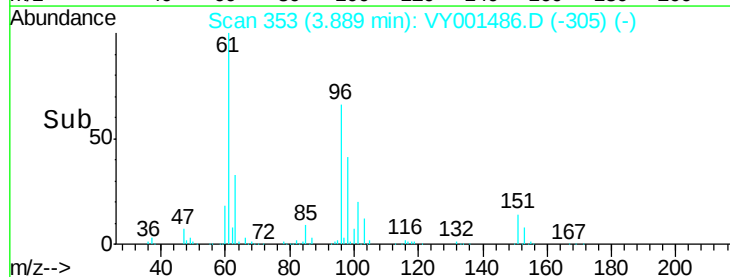
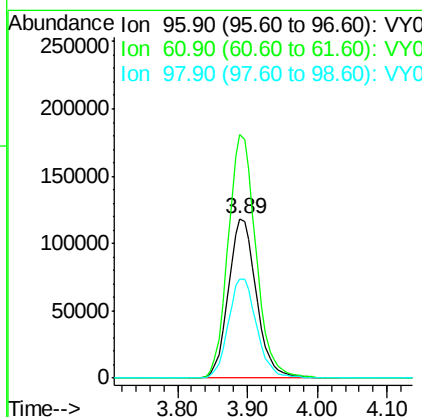
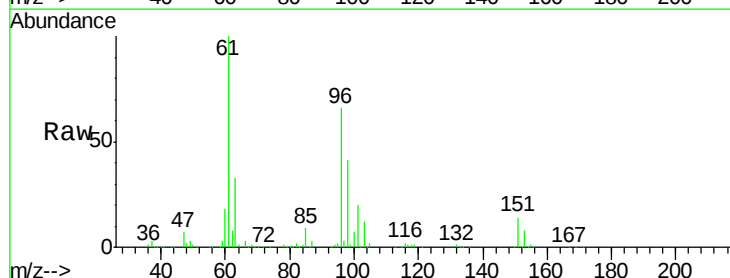
Tgt Ion: 59 Resp: 179413
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.0 10.6

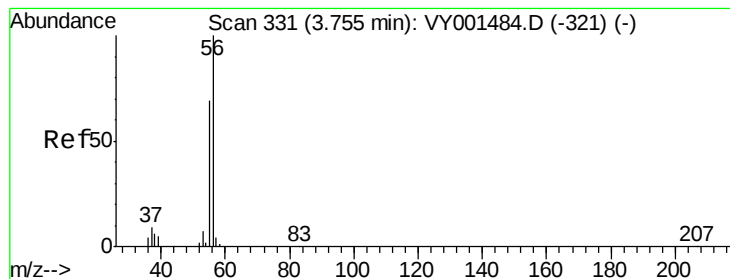


#12

1,1-Dichloroethene
 Concen: 138.66 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion: 96 Resp: 329165
 Ion Ratio Lower Upper
 96 100
 61 152.5 122.3 183.5
 98 62.3 49.7 74.5





#13

Acrolein

Concen: 781.55 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

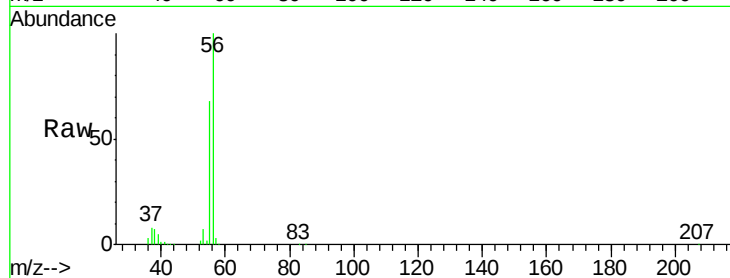
VSTDIC150

Tgt Ion: 56 Resp: 168239

Ion Ratio Lower Upper

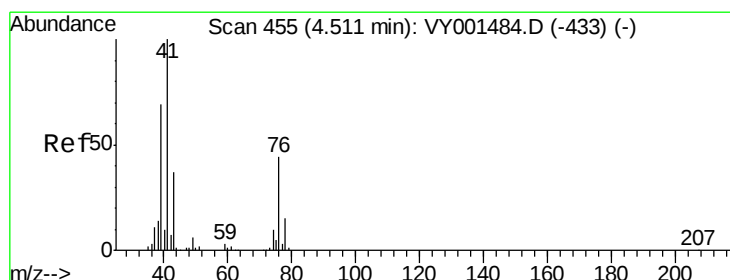
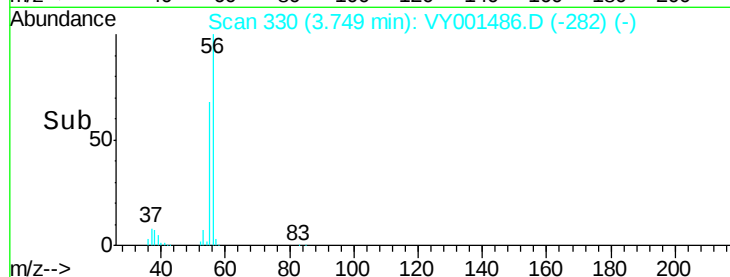
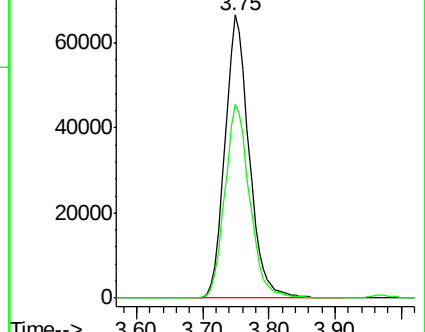
56 100

55 70.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VY001486.D (-321) (-)

Ion 55.00 (54.70 to 55.70): VY001486.D (-321) (-)



#14

Allyl chloride

Concen: 141.31 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

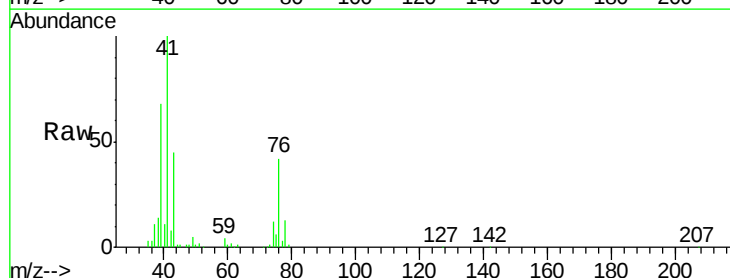
Tgt Ion: 41 Resp: 513176

Ion Ratio Lower Upper

41 100

39 65.8 53.0 79.6

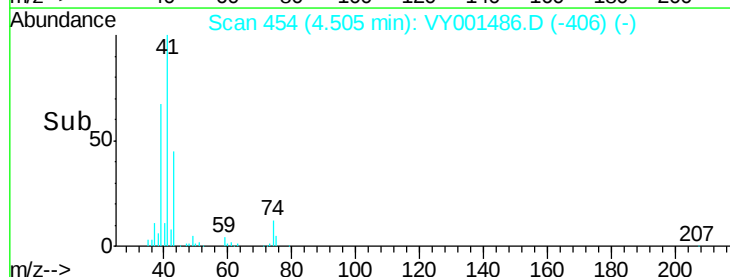
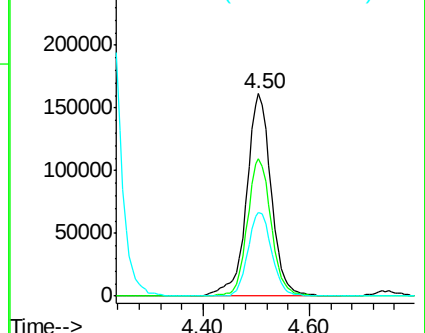
76 40.0 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY001486.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VY001486.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VY001486.D (-433) (-)





#15

Acrylonitrile

Concen: 767.29 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

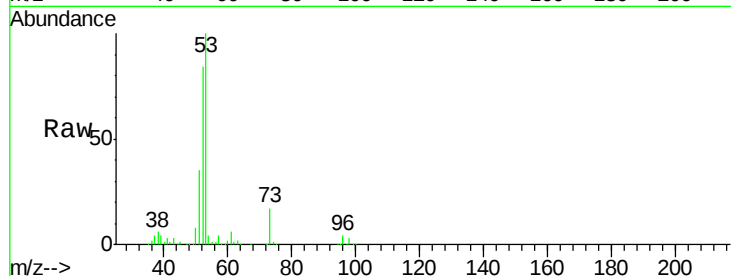
Tgt Ion: 53 Resp: 471281

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.2

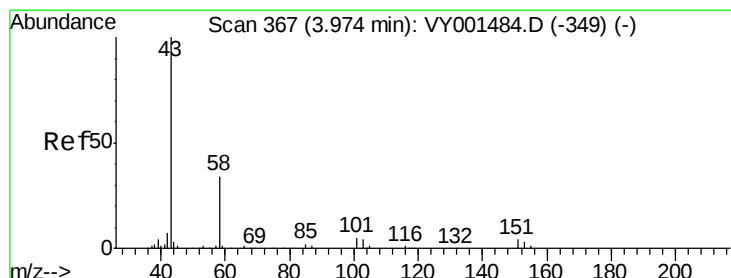
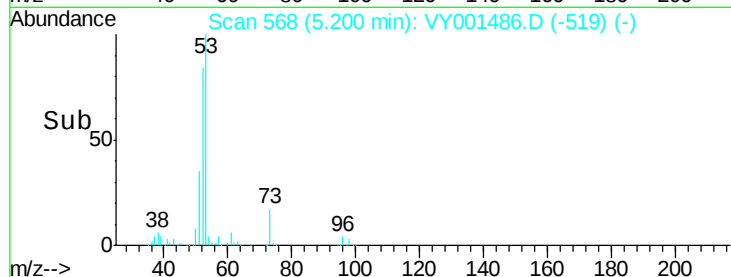
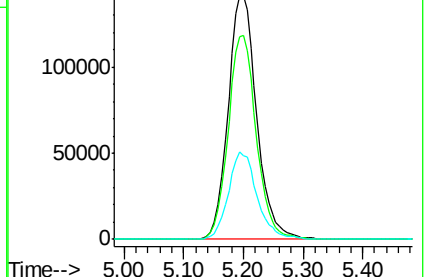
51 36.3 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY001486.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VY001486.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VY001486.D (-555) (-)



#16

Acetone

Concen: 847.58 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001486.D

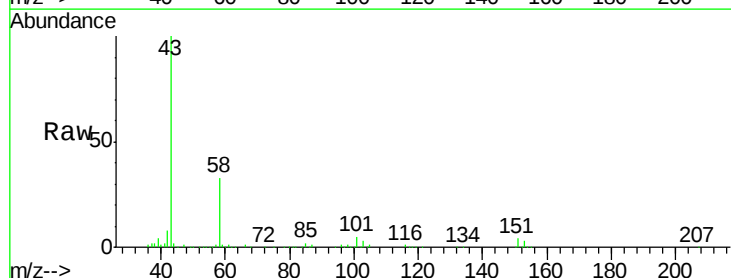
Acq: 04 Feb 2020 14:42

Tgt Ion: 43 Resp: 557367

Ion Ratio Lower Upper

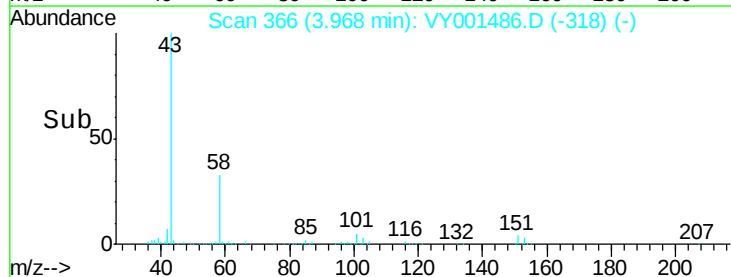
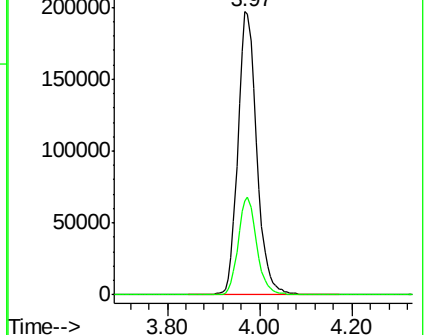
43 100

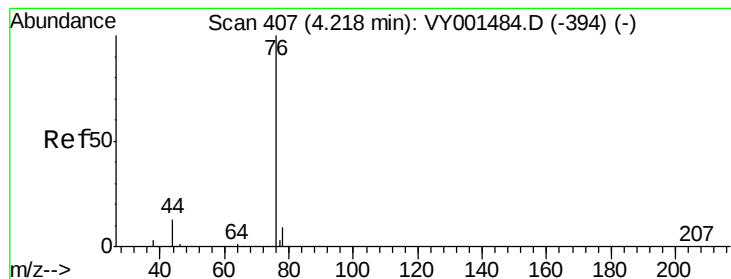
58 33.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001486.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001486.D (-349) (-)





#17

Carbon Disulfide

Concen: 140.11 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

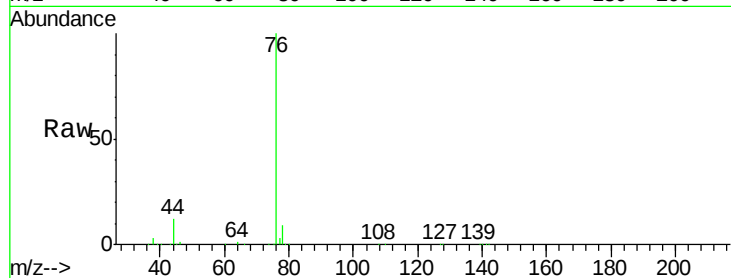
VSTDIC150

Tgt Ion: 76 Resp: 1058816

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY001486.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VY001486.D (-394) (-)

4.21

400000

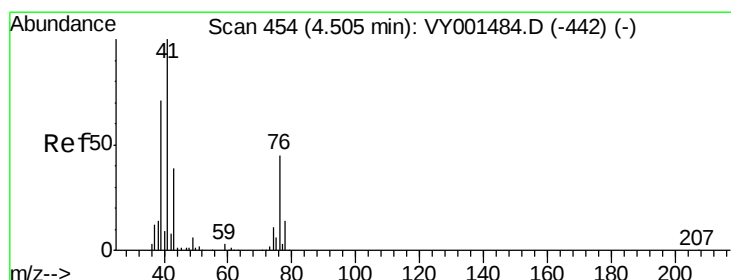
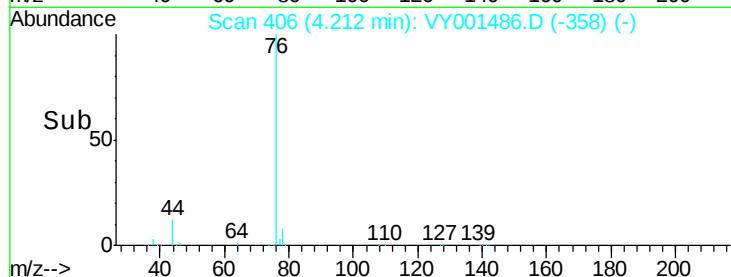
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 155.03 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.00 min

Lab File: VY001486.D

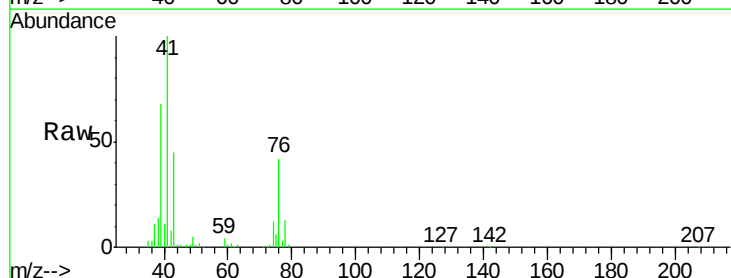
Acq: 04 Feb 2020 14:42

Tgt Ion: 43 Resp: 217554

Ion Ratio Lower Upper

43 100

74 26.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY001486.D (-442) (-)

Ion 74.00 (73.70 to 74.70): VY001486.D (-442) (-)

4.50

80000

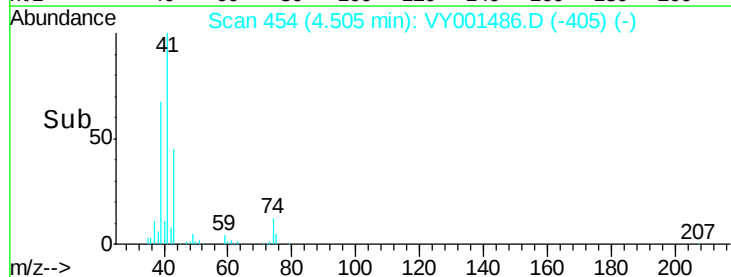
60000

40000

20000

0

Time-->

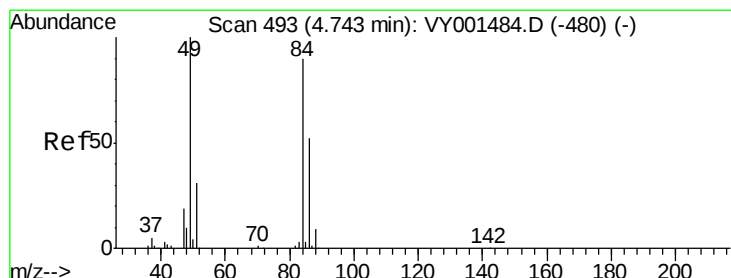
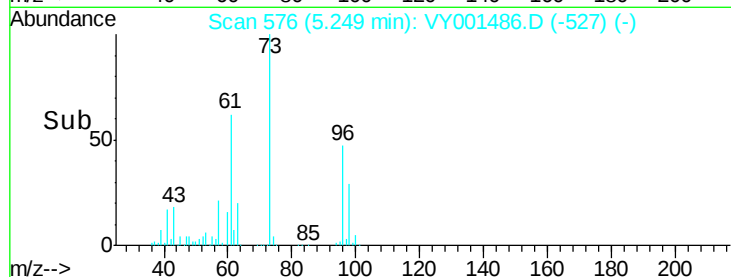
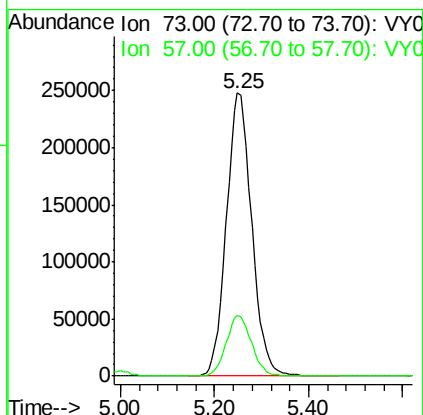
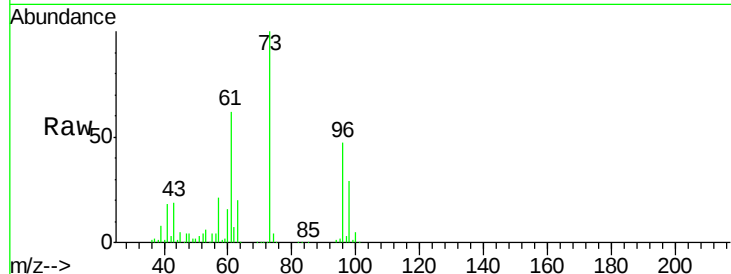




#19
Methyl tert-butyl Ether
Concen: 146.10 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

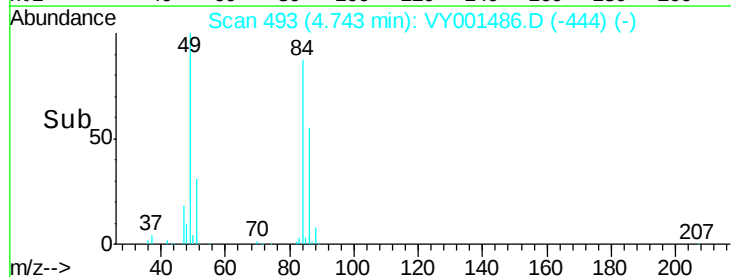
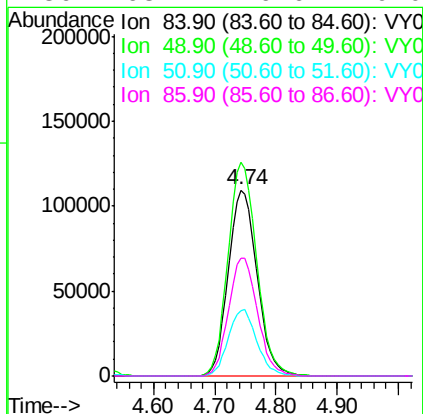
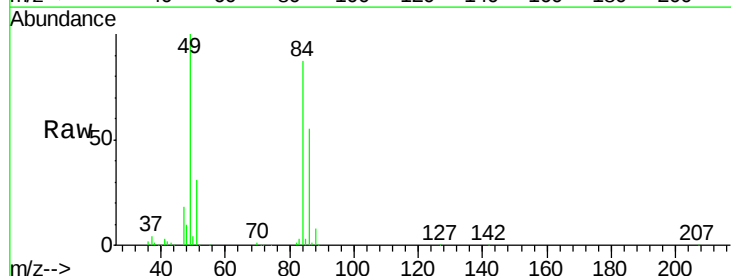
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

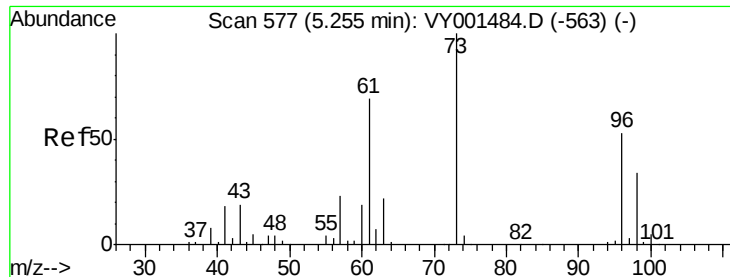
Tgt Ion: 73 Resp: 922348
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6



#20
Methylene Chloride
Concen: 119.87 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 84 Resp: 354390
Ion Ratio Lower Upper
84 100
49 115.1 89.0 133.6
51 35.1 27.4 41.2
86 63.7 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 139.02 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

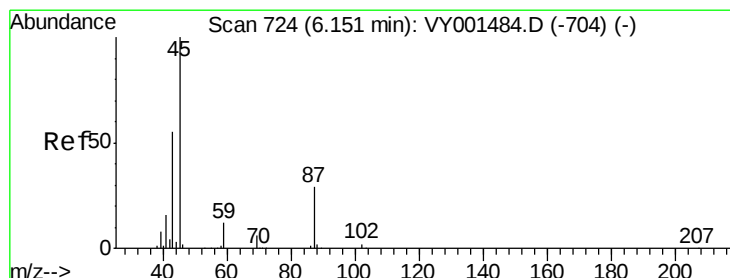
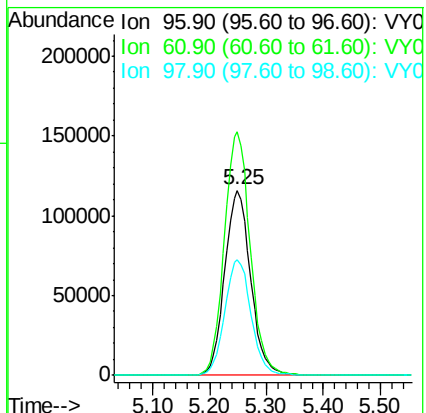
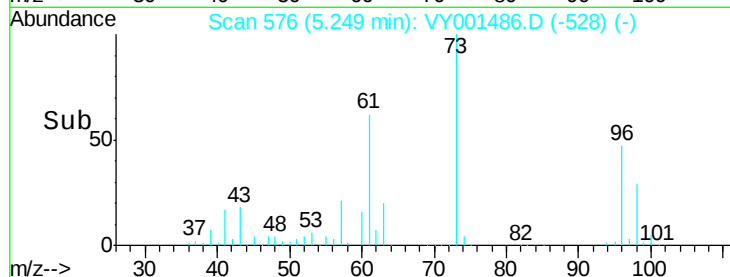
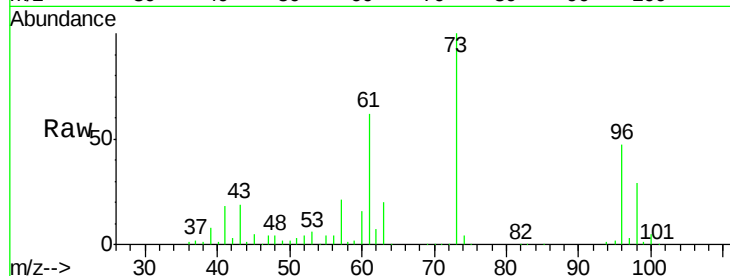
Tgt Ion: 96 Resp: 366865

Ion Ratio Lower Upper

96 100

61 131.3 104.2 156.4

98 62.5 51.4 77.0



#22

Diisopropyl ether

Concen: 142.65 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion: 45 Resp: 1026352

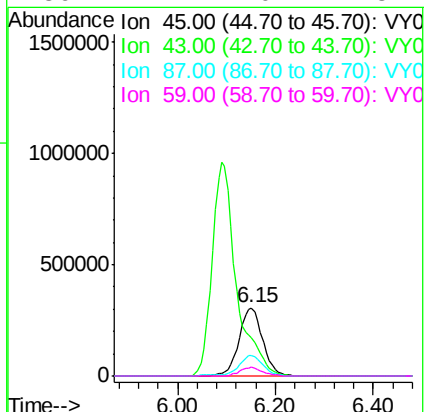
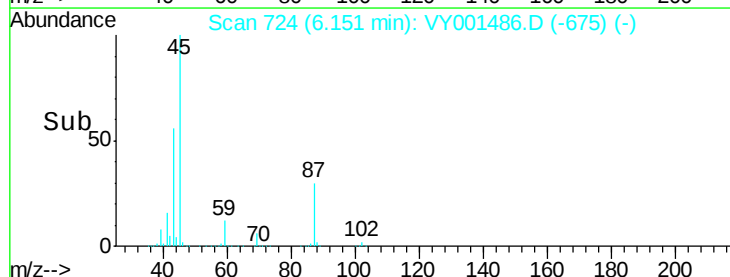
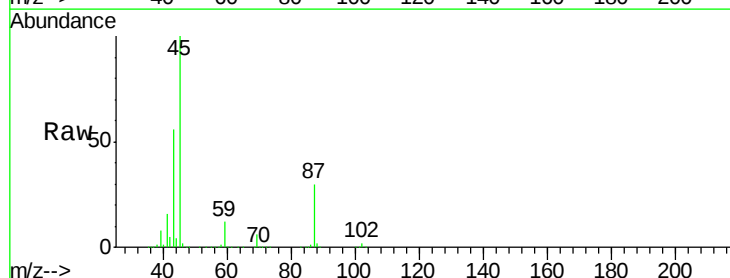
Ion Ratio Lower Upper

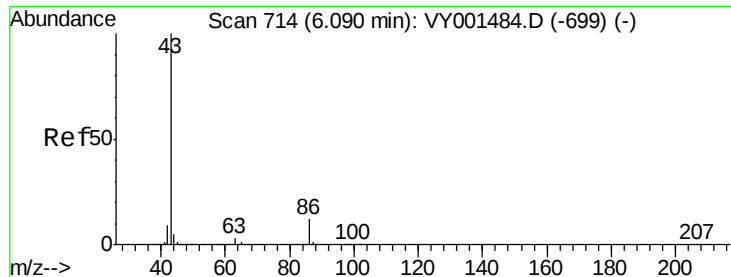
45 100

43 55.8 44.2 66.4

87 30.0 23.9 35.9

59 12.4 10.2 15.2





#23

Vinyl Acetate

Concen: 720.43 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

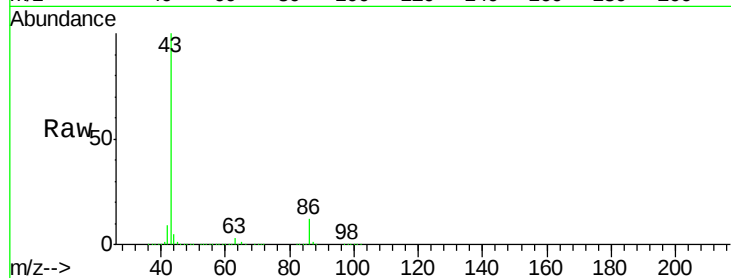
VSTDIC150

Tgt Ion: 43 Resp: 3299659

Ion Ratio Lower Upper

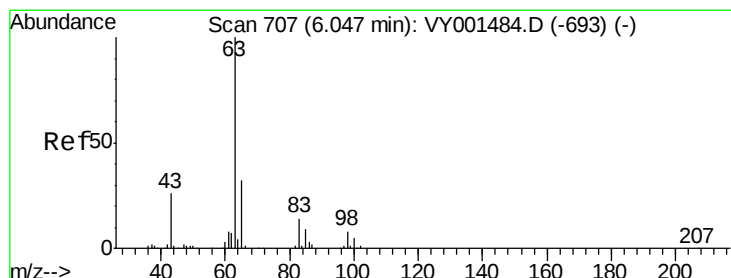
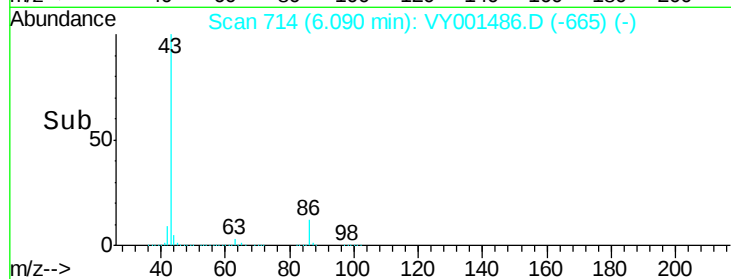
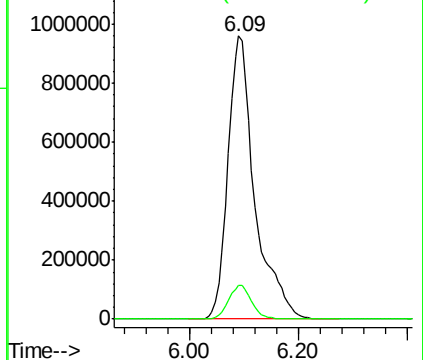
43 100

86 11.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 140.32 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

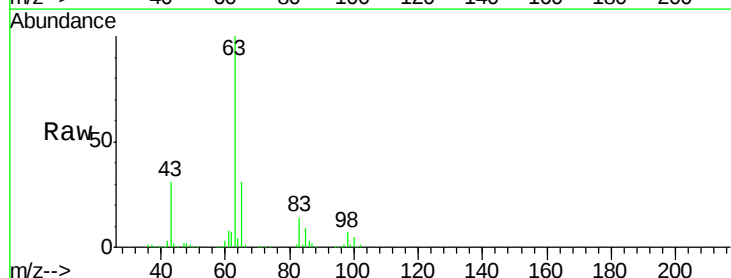
Tgt Ion: 63 Resp: 607259

Ion Ratio Lower Upper

63 100

98 7.3 4.0 11.9

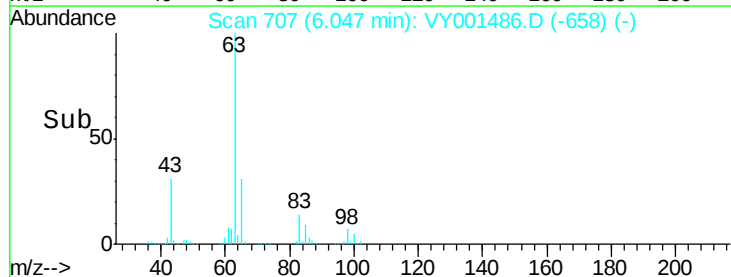
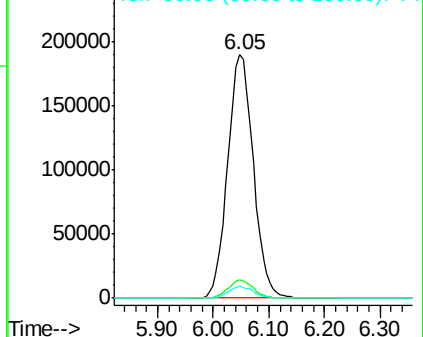
100 4.9 2.6 8.0

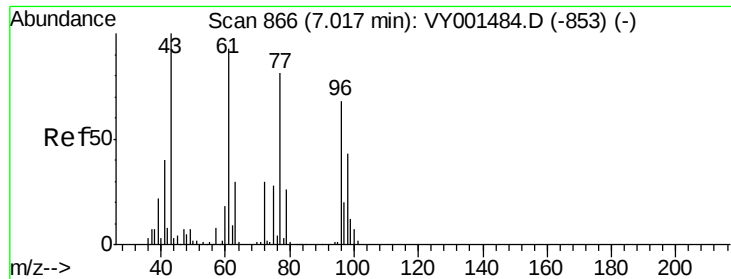


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

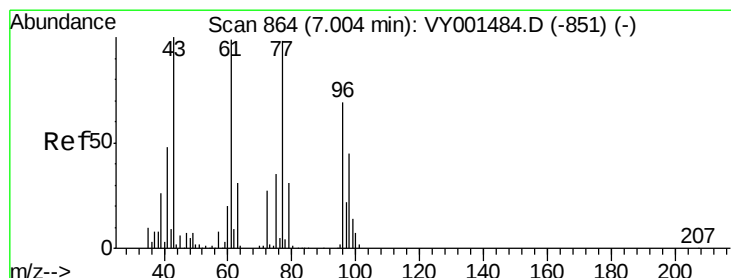
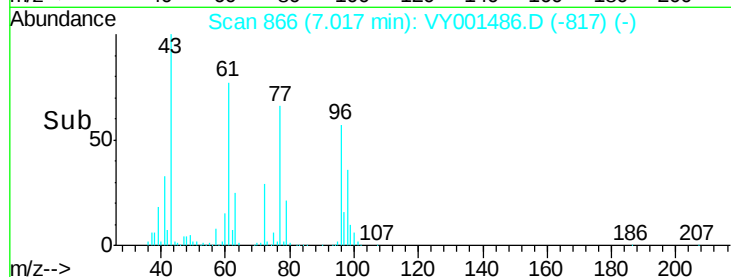
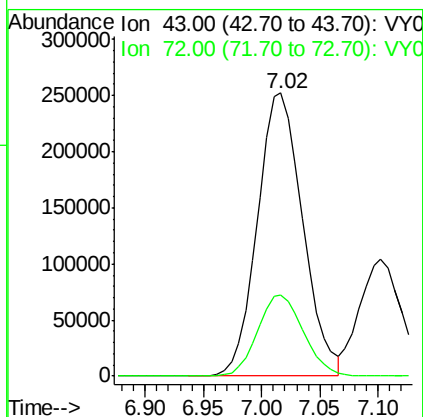
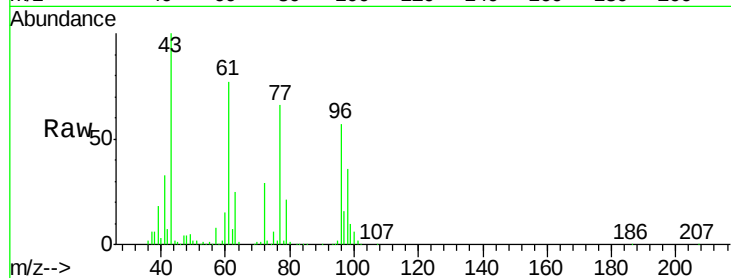




#25
2-Butanone
Concen: 800.69 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

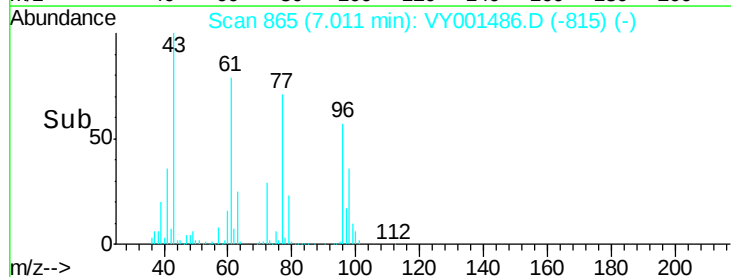
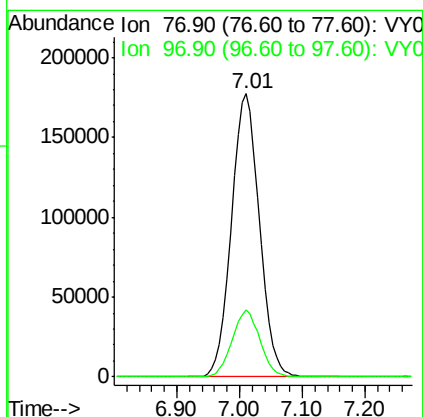
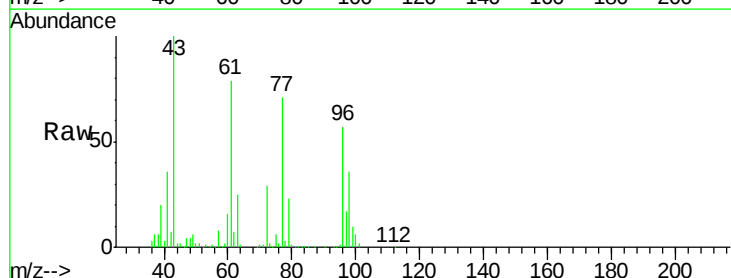
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

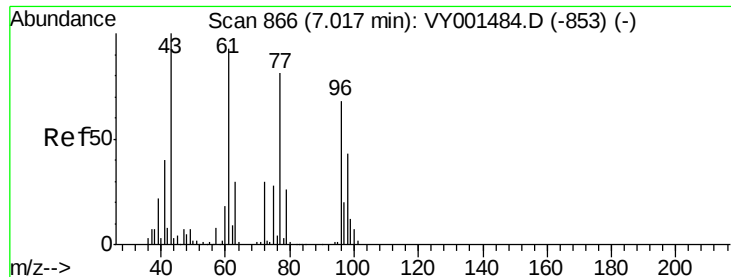
Tgt Ion: 43 Resp: 683095
Ion Ratio Lower Upper
43 100
72 28.7 23.8 35.8



#26
2,2-Dichloropropane
Concen: 132.04 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 77 Resp: 546898
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0



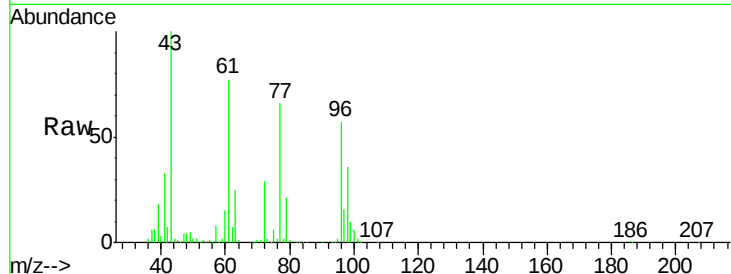


#27

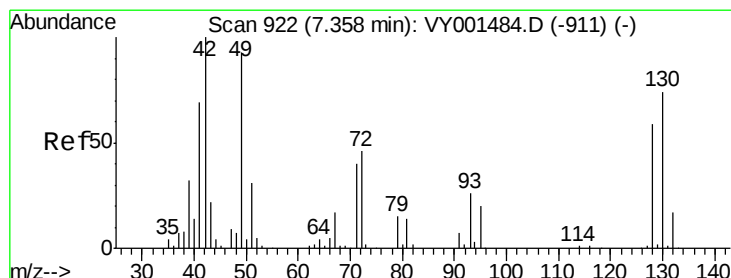
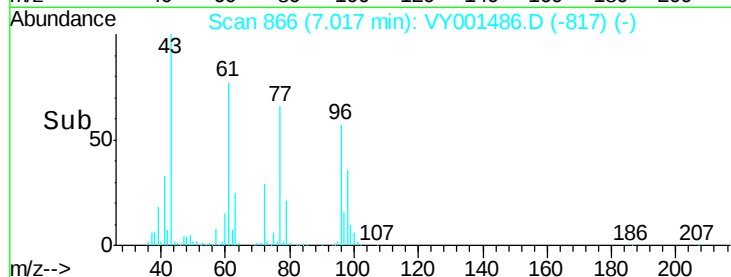
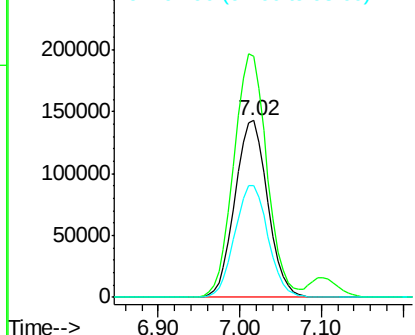
cis-1,2-Dichloroethene
Concen: 137.98 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 397702
Ion Ratio Lower Upper
96 100
61 139.0 0.0 278.8
98 64.4 0.0 128.8



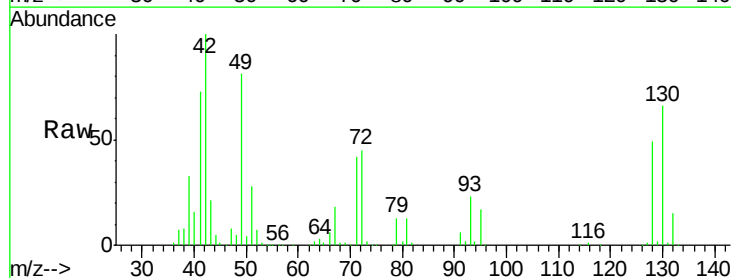
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



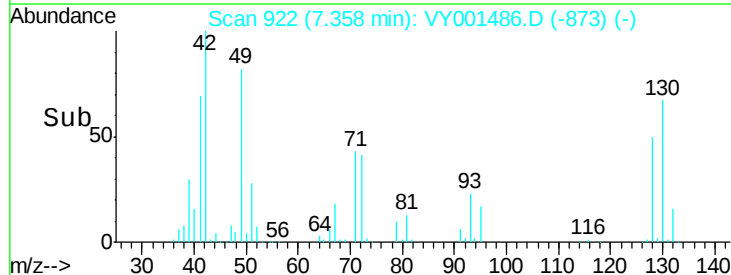
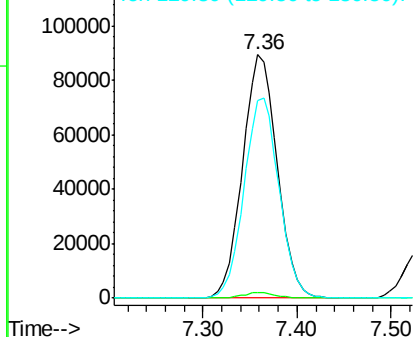
#28

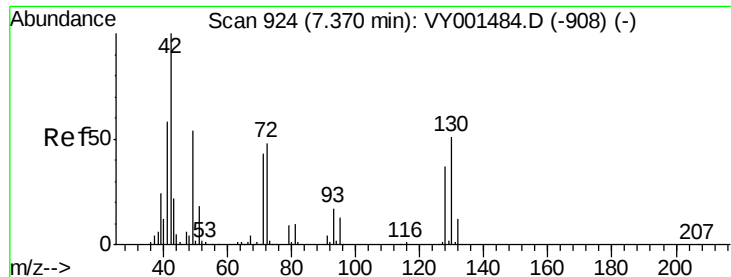
Bromochloromethane
Concen: 156.63 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 49 Resp: 230917
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 82.9 65.4 98.2



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

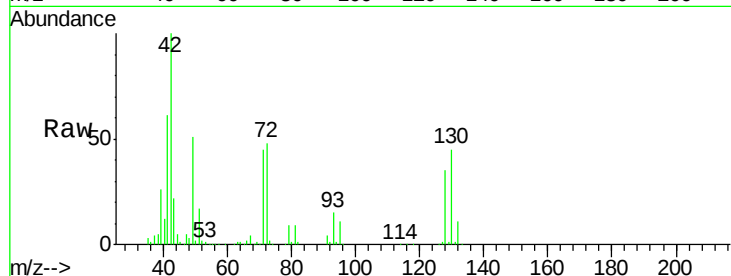




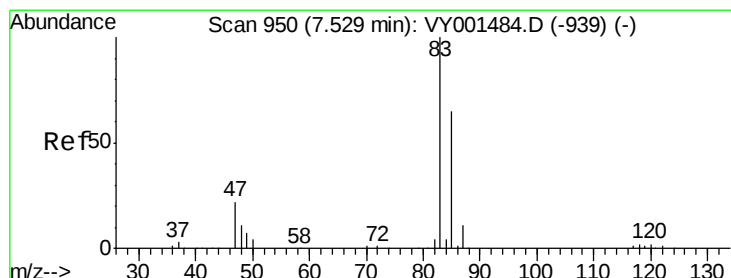
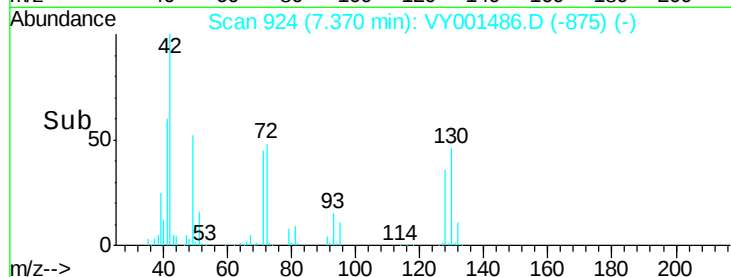
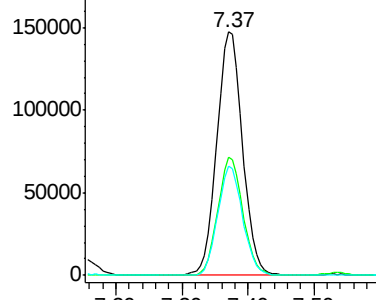
#29
Tetrahydrofuran
Concen: 779.86 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 398773
Ion Ratio Lower Upper
42 100
72 47.3 37.8 56.6
71 43.7 34.8 52.2

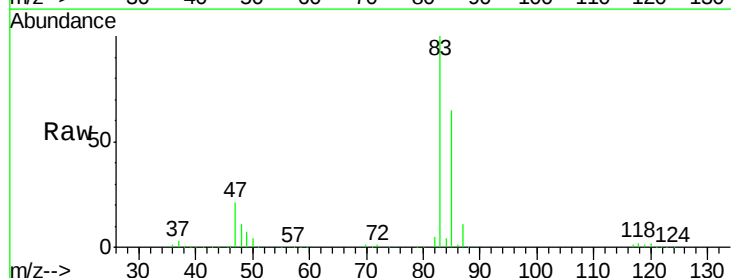


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

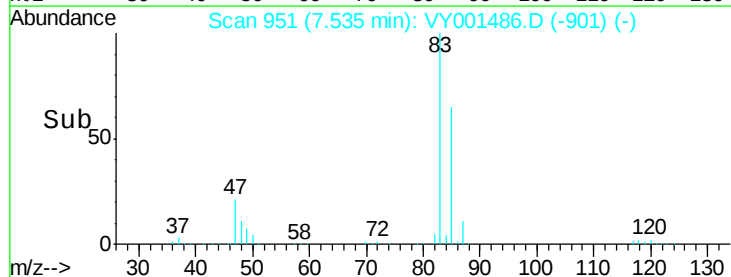
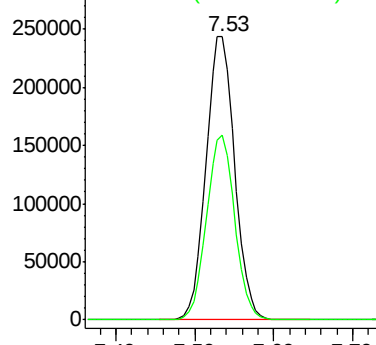


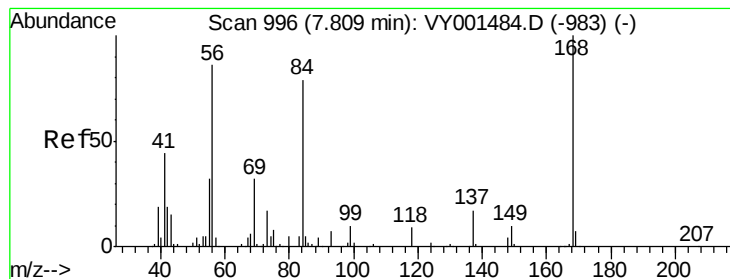
#30
Chloroform
Concen: 140.44 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 83 Resp: 615635
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6



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





#31

Cyclohexane

Concen: 130.19 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

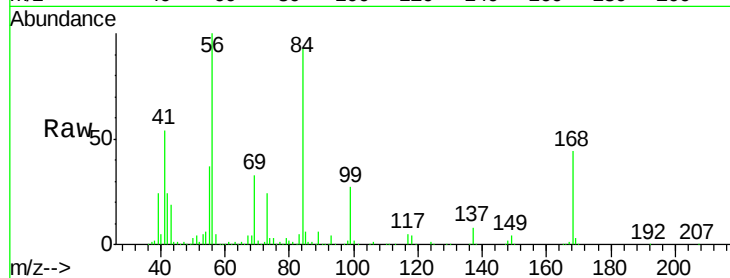
Tgt Ion: 56 Resp: 576342

Ion Ratio Lower Upper

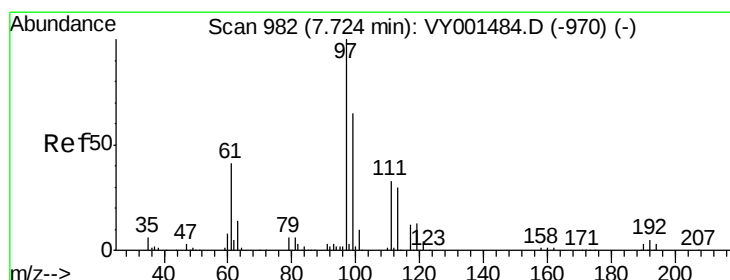
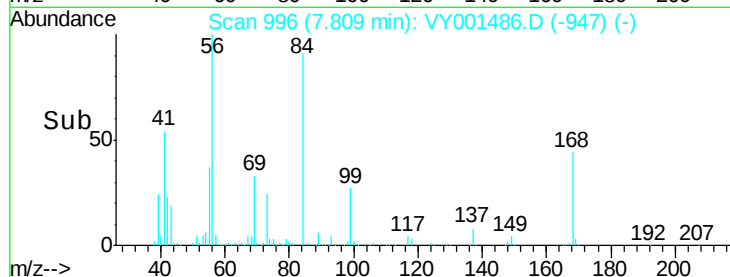
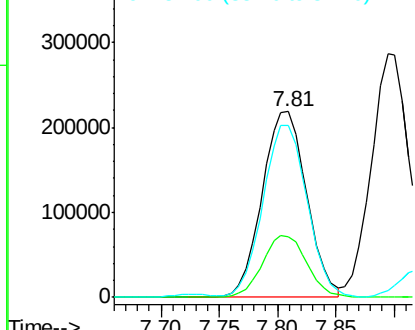
56 100

69 32.6 29.6 44.4

84 91.0 73.6 110.4



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: 139.78 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

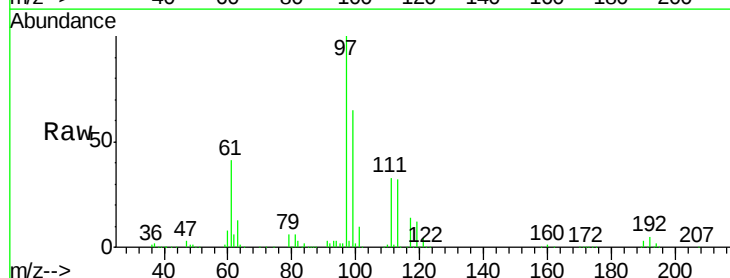
Tgt Ion: 97 Resp: 555548

Ion Ratio Lower Upper

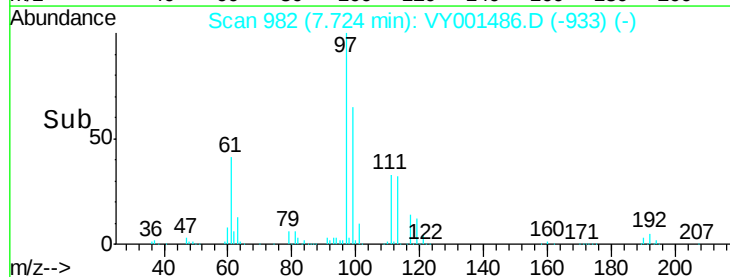
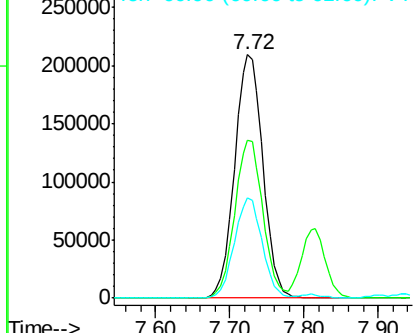
97 100

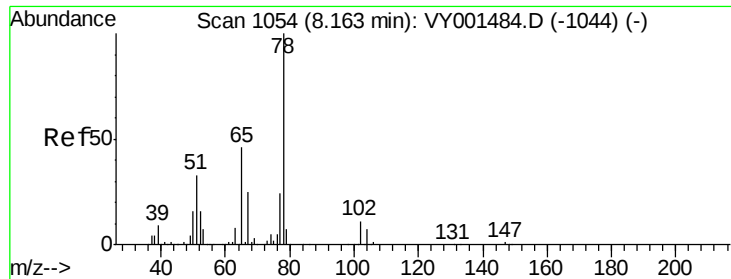
99 64.8 51.8 77.8

61 40.7 32.5 48.7



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





#33

1,2-Dichloroethane-d4

Concen: 153.93 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

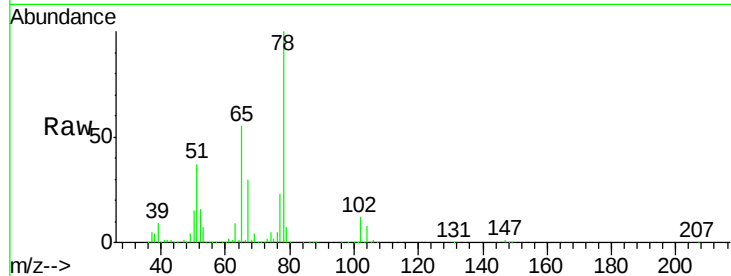
VSTDIC150

Tgt Ion: 65 Resp: 349939

Ion Ratio Lower Upper

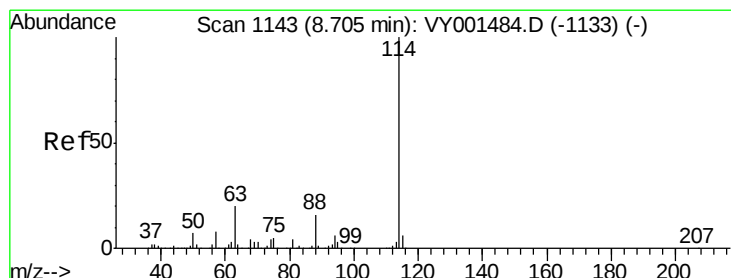
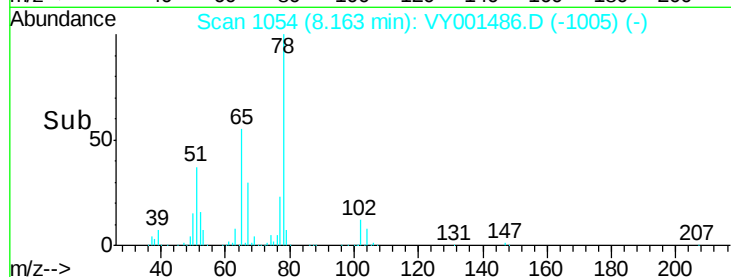
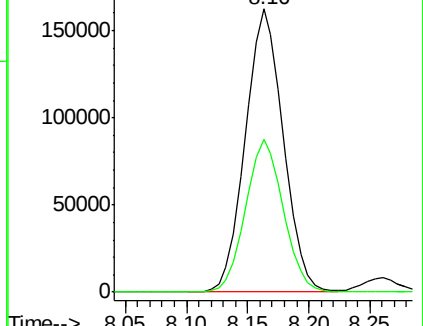
65 100

67 53.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001486.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001486.D (-1044) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

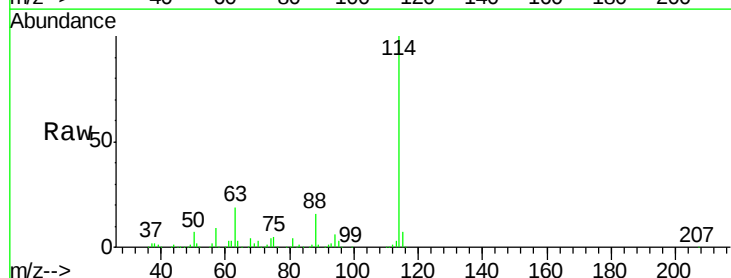
Tgt Ion: 114 Resp: 400183

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

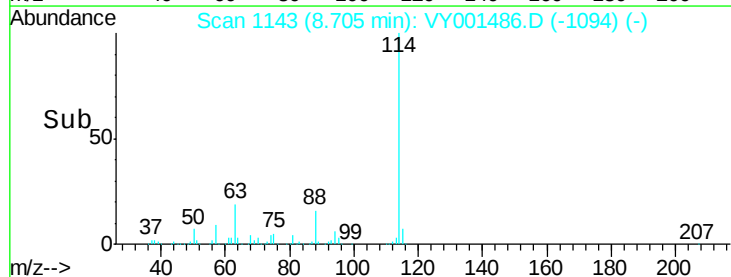
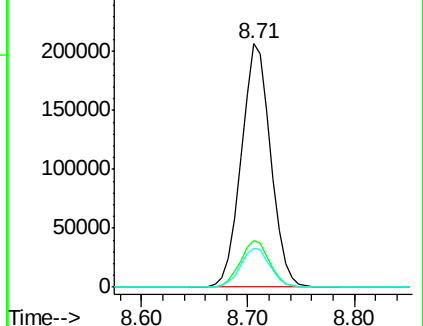
88 16.2 0.0 32.6

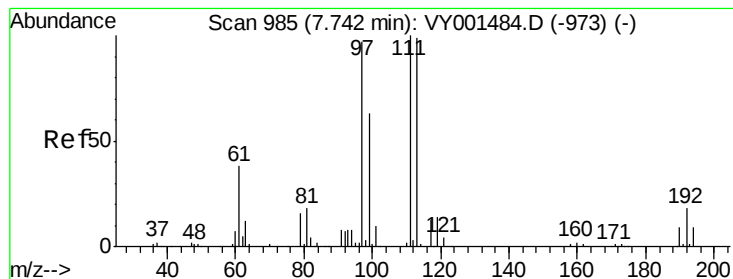


Abundance Ion 113.90 (113.60 to 114.60): VY001486.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY001486.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY001486.D (-1094) (-)





#35

Dibromofluoromethane

Concen: 143.72 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

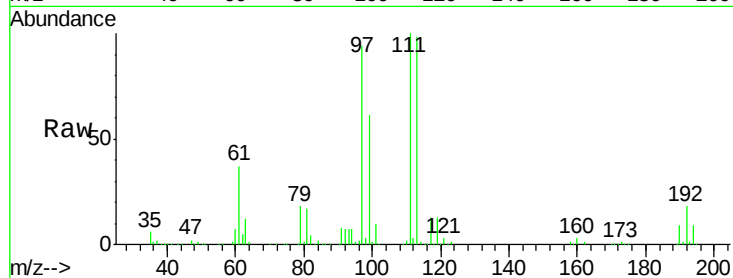
Tgt Ion:113 Resp: 331660

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

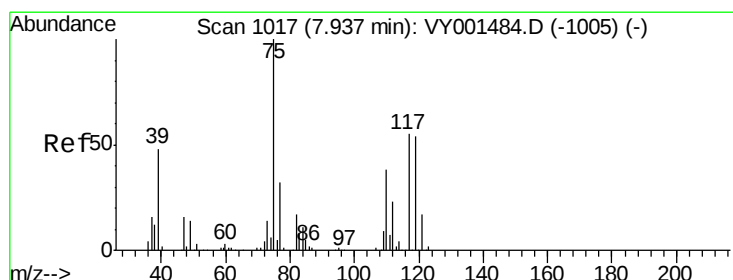
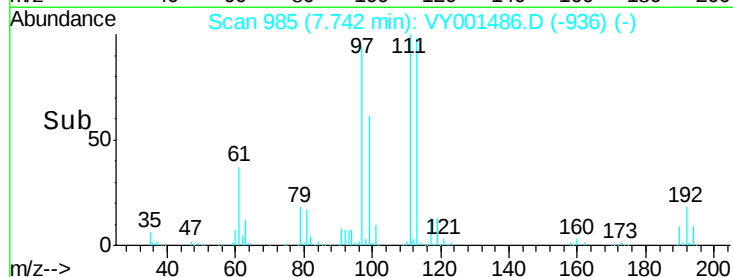
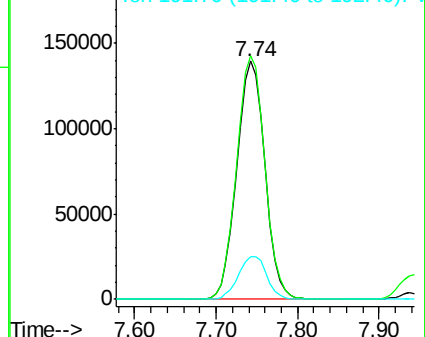
192 18.4 14.6 22.0



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: 135.33 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

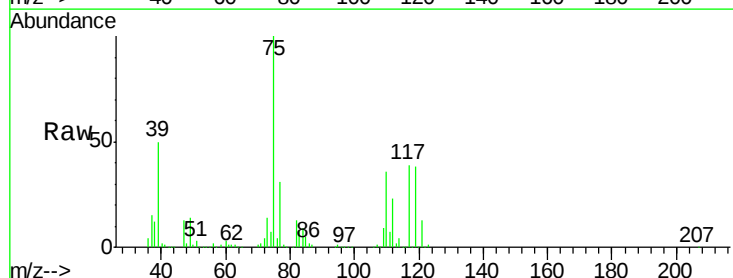
Tgt Ion: 75 Resp: 495422

Ion Ratio Lower Upper

75 100

110 36.3 18.2 54.6

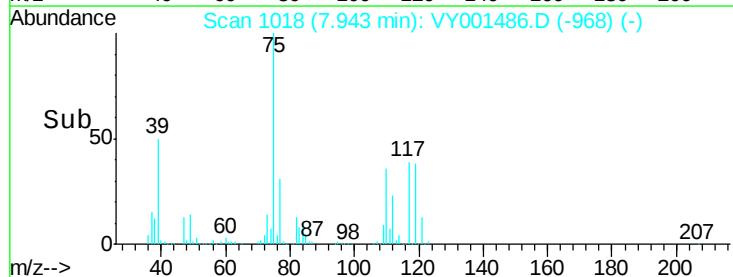
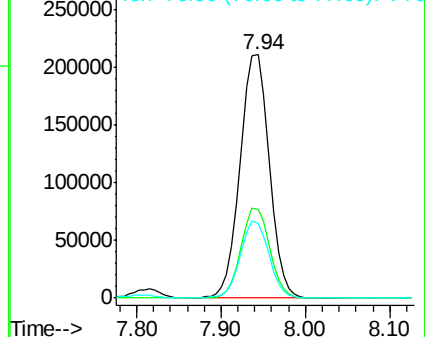
77 31.0 25.0 37.4

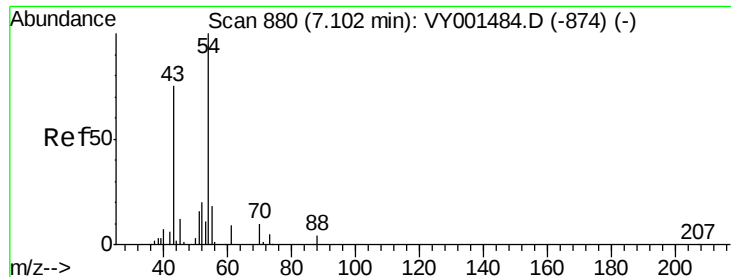


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

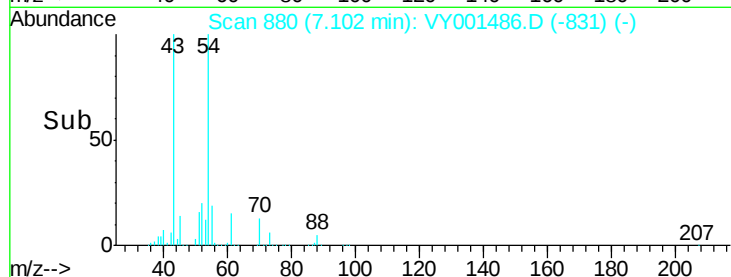
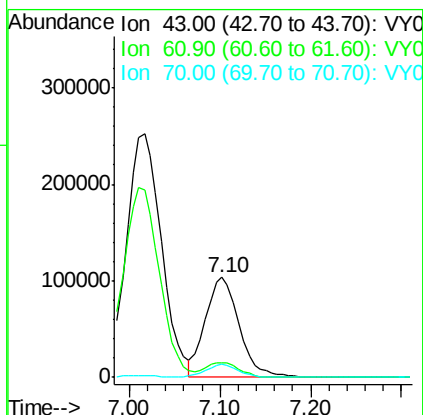
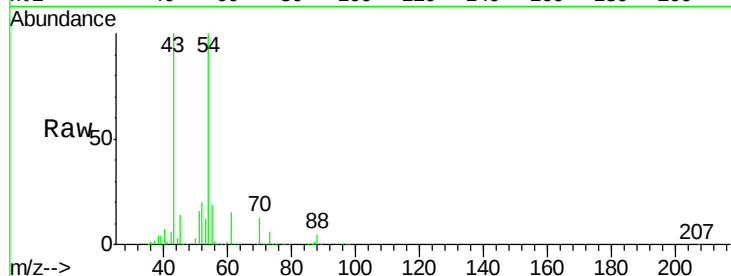




#37
Ethyl Acetate
Concen: 152.25 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

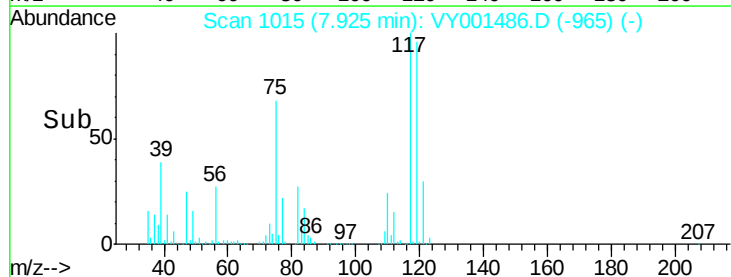
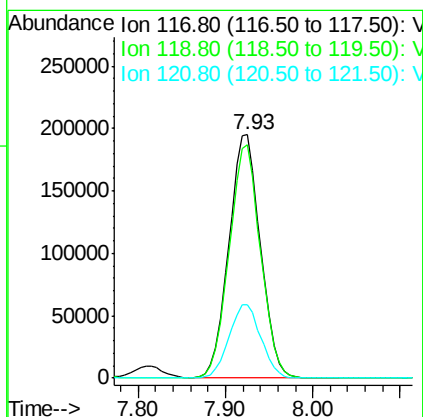
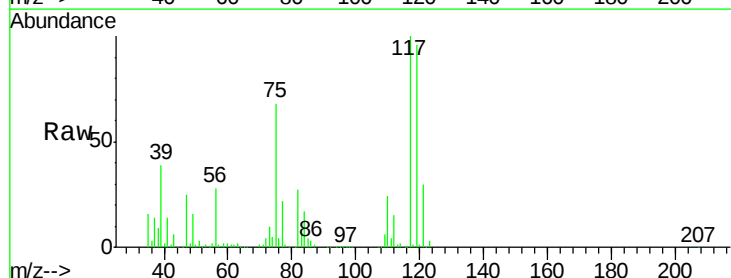
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

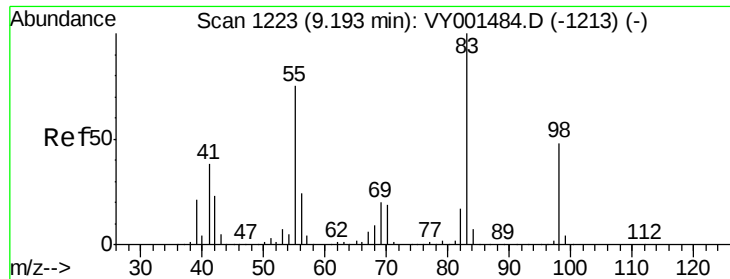
Tgt Ion: 43 Resp: 269820
Ion Ratio Lower Upper
43 100
61 14.7 12.0 18.0
70 12.5 10.2 15.4



#38
Carbon Tetrachloride
Concen: 137.84 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 117 Resp: 488212
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6
121 30.2 24.2 36.4

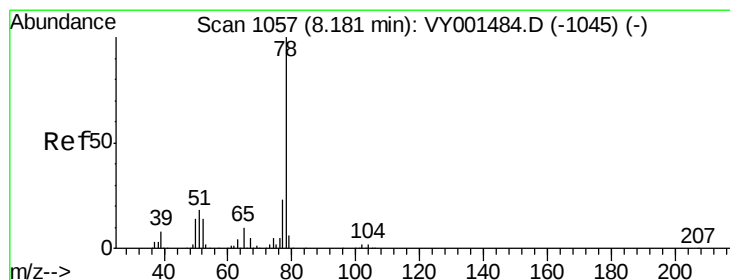
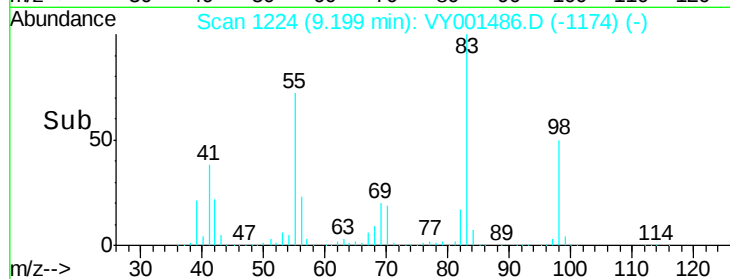
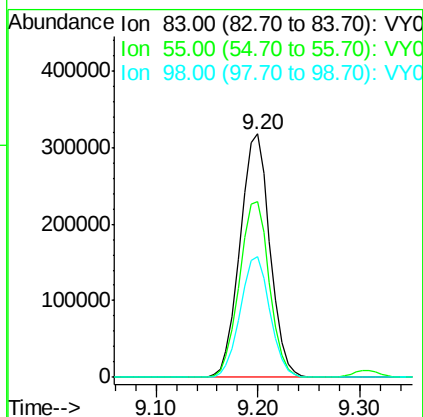
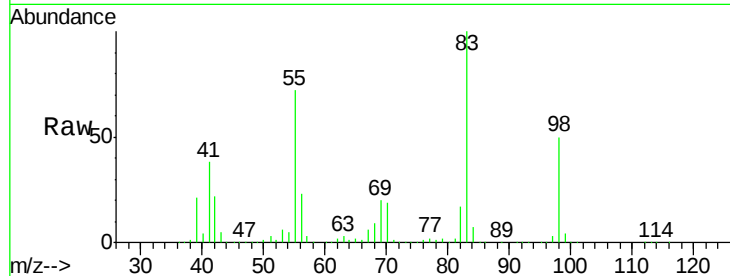




#39
Methylcyclohexane
Concen: 134.15 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

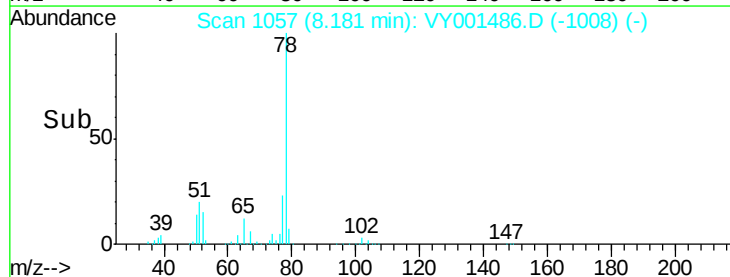
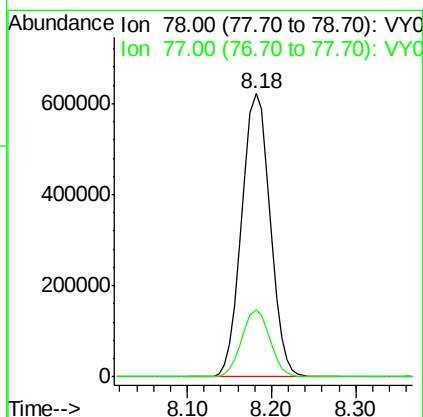
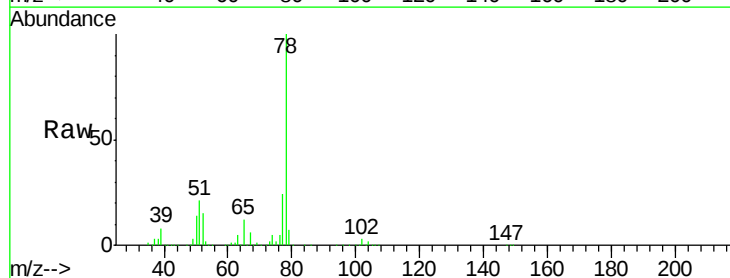
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 646666
Ion Ratio Lower Upper
83 100
55 72.2 59.8 89.6
98 49.5 38.6 57.8



#40
Benzene
Concen: 135.46 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 78 Resp: 1414503
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7





#41

Methacrylonitrile

Concen: 315.15 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.03 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 367314

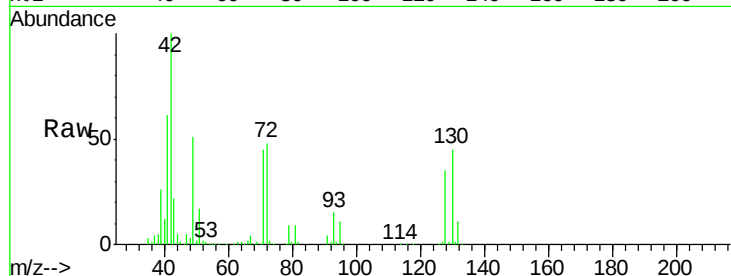
Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

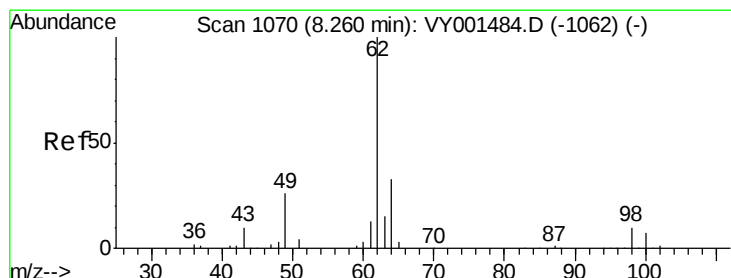
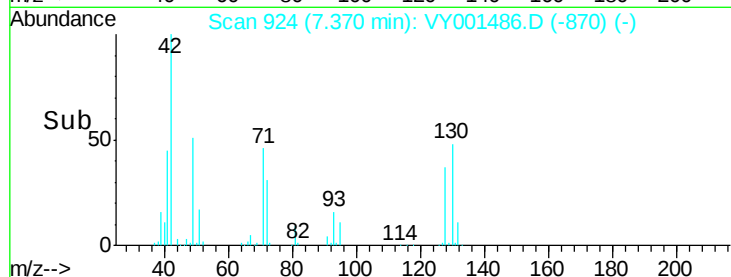
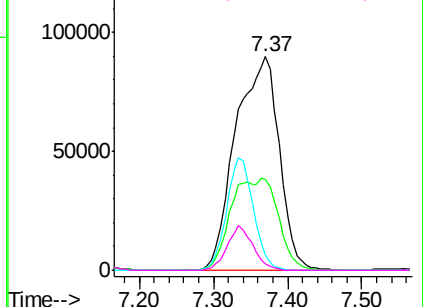


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 139.76 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001486.D

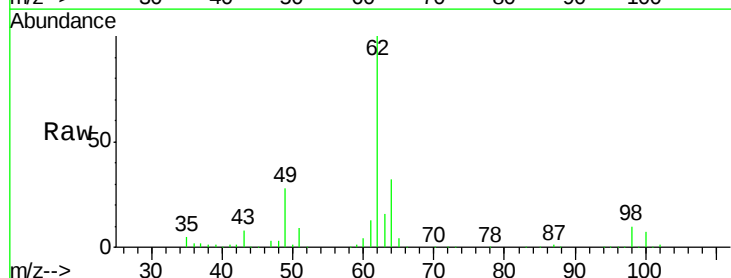
Acq: 04 Feb 2020 14:42

Tgt Ion: 62 Resp: 406594

Ion Ratio Lower Upper

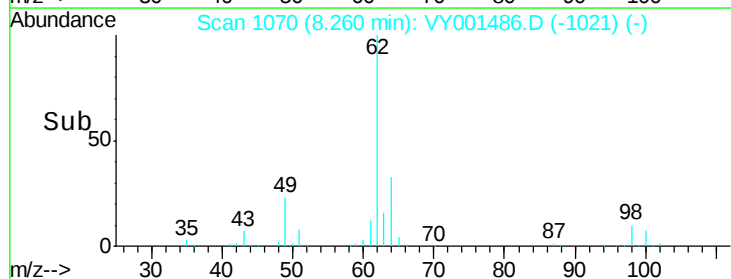
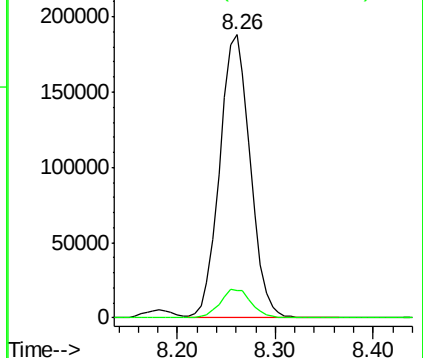
62 100

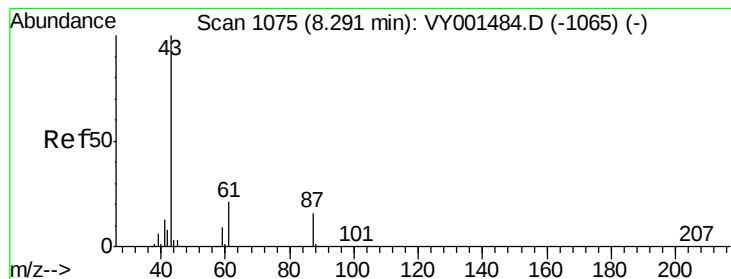
98 10.3 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 149.90 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

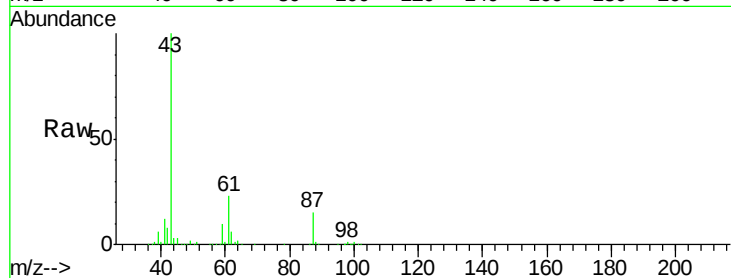
Tgt Ion: 43 Resp: 525999

Ion Ratio Lower Upper

43 100

61 30.5 25.1 37.7

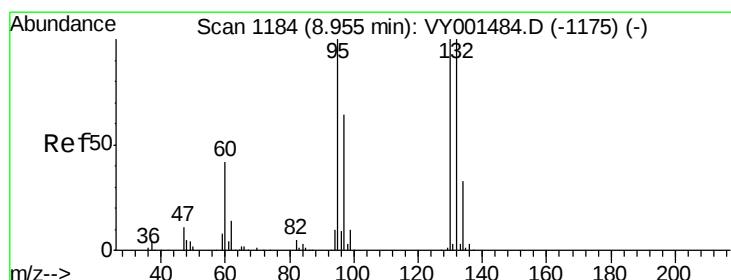
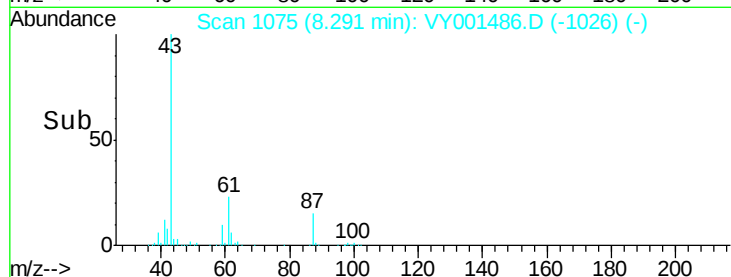
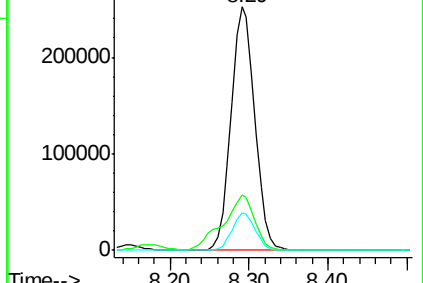
87 15.1 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001484.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001484.D (-1065) (-)



#44

Trichloroethene

Concen: 136.27 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY001486.D

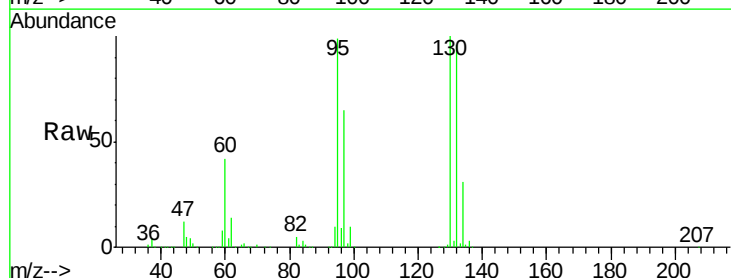
Acq: 04 Feb 2020 14:42

Tgt Ion: 130 Resp: 383556

Ion Ratio Lower Upper

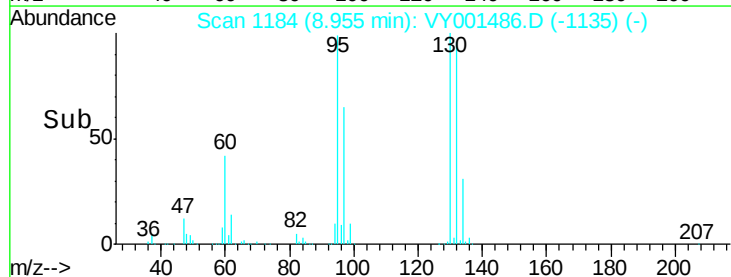
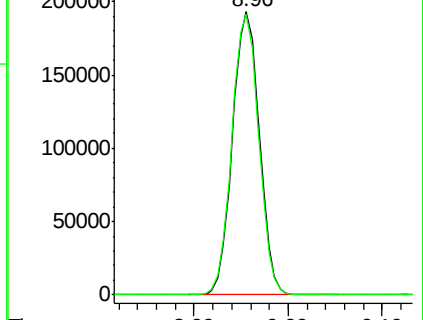
130 100

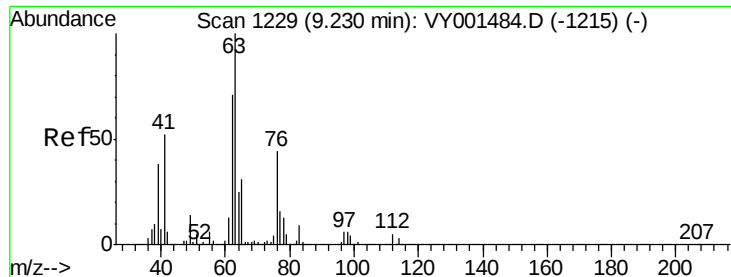
95 99.3 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001484.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001484.D (-1175) (-)

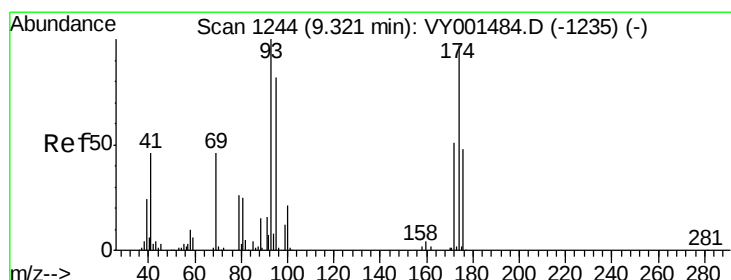
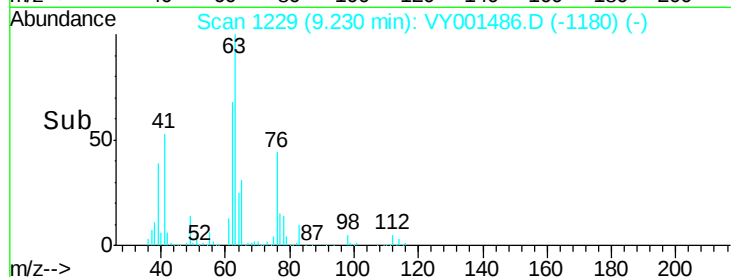
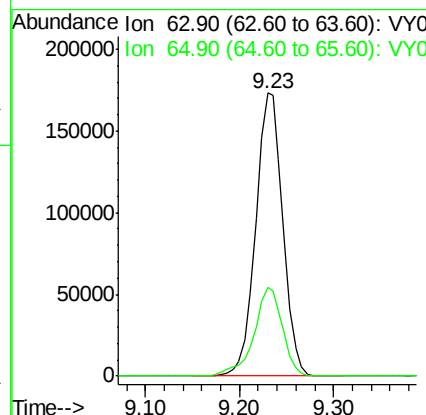
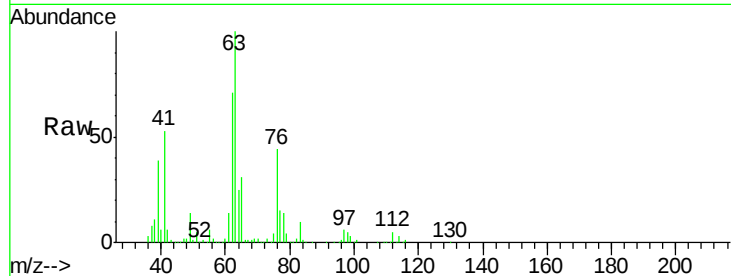




#45
 1,2-Dichloropropane
 Concen: 138.72 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

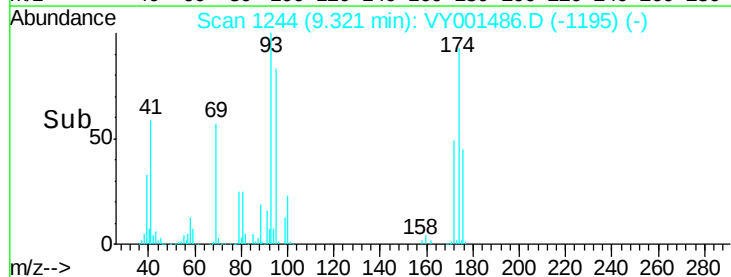
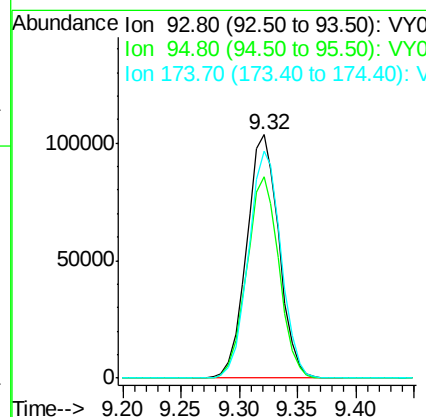
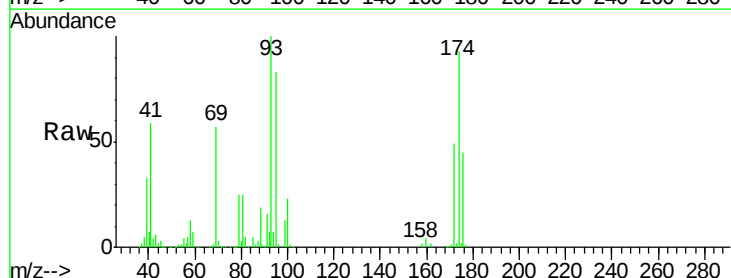
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

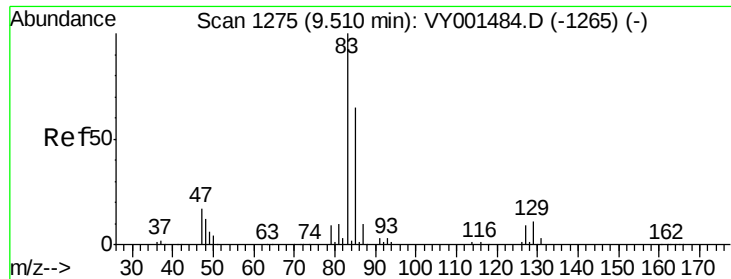
Tgt Ion: 63 Resp: 349790
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4



#46
 Dibromomethane
 Concen: 140.93 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion: 93 Resp: 199547
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 94.0 75.4 113.2

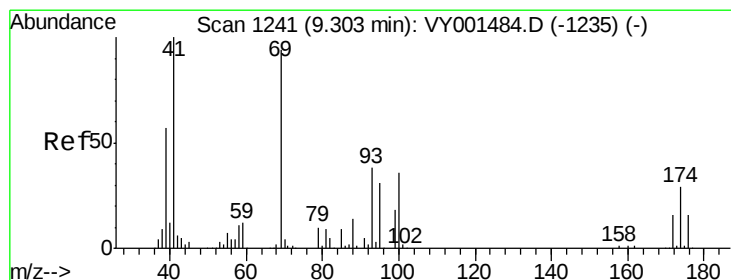
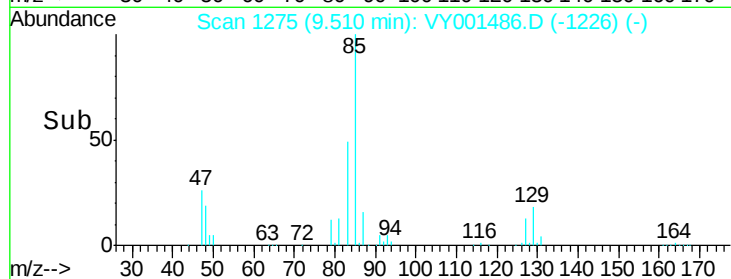
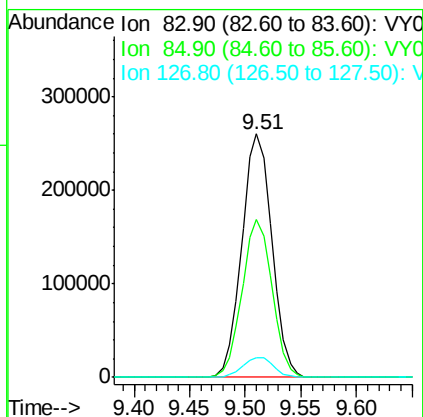
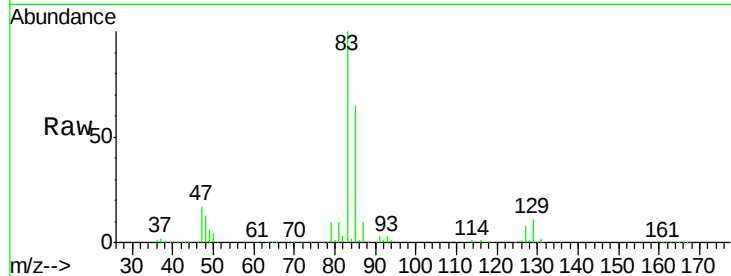




#47
 Bromodichloromethane
 Concen: 141.73 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

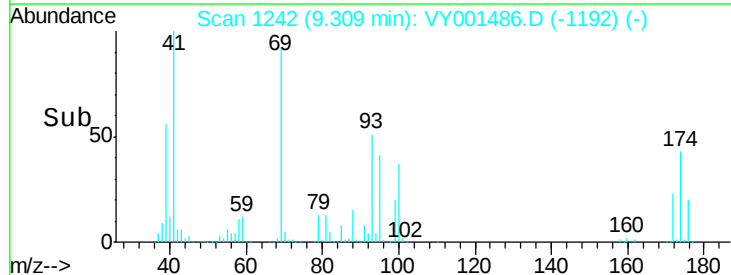
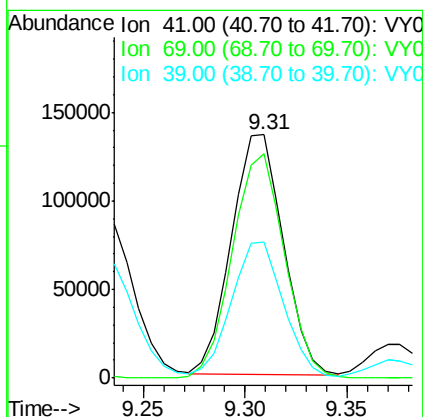
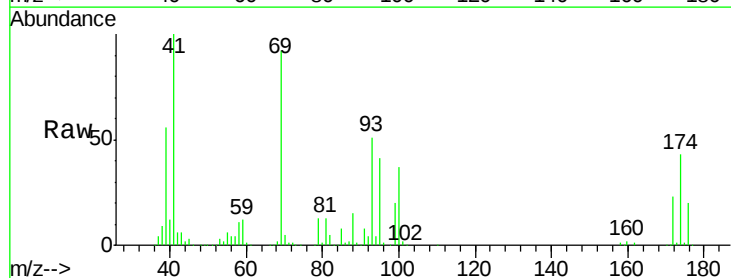
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

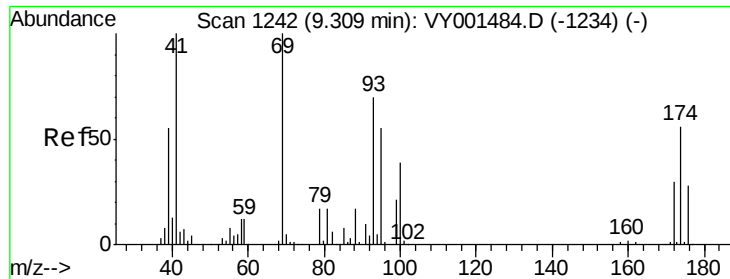
Tgt Ion: 83 Resp: 488936
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.9 77.9
 127 8.3 6.9 10.3



#48
 Methyl methacrylate
 Concen: 149.99 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion: 41 Resp: 238879
 Ion Ratio Lower Upper
 41 100
 69 94.3 76.6 114.8
 39 57.8 45.4 68.0





#49

1,4-Dioxane

Concen: 2997.38 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

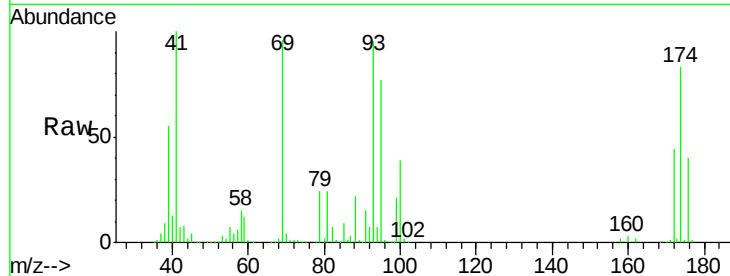
Tgt Ion: 88 Resp: 56048

Ion Ratio Lower Upper

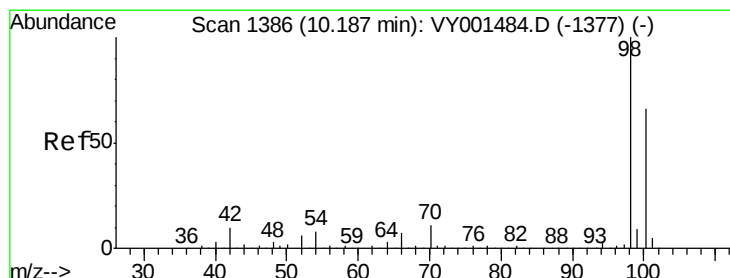
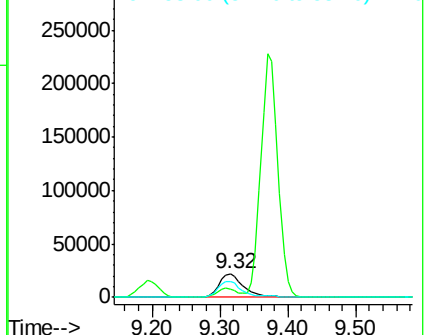
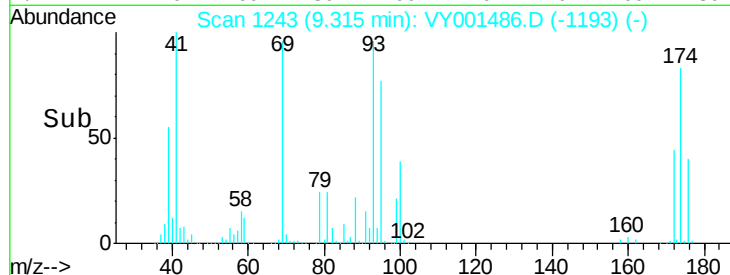
88 100

43 29.1 24.8 37.2

58 71.0 59.3 88.9



Abundance Ion 88.00 (87.70 to 88.70): VY001486.D (-1193) (-)



#50

Toluene-d8

Concen: 149.20 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001486.D

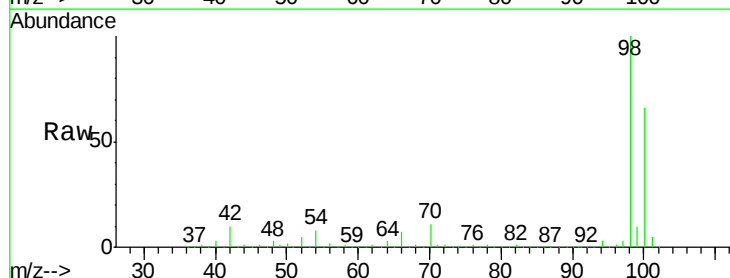
Acq: 04 Feb 2020 14:42

Tgt Ion: 98 Resp: 1302669

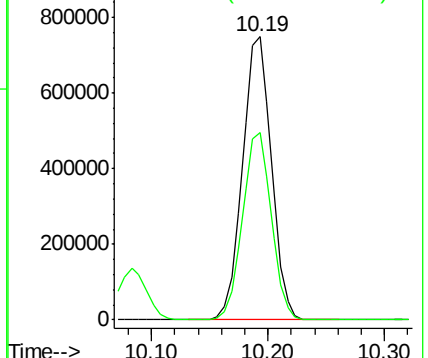
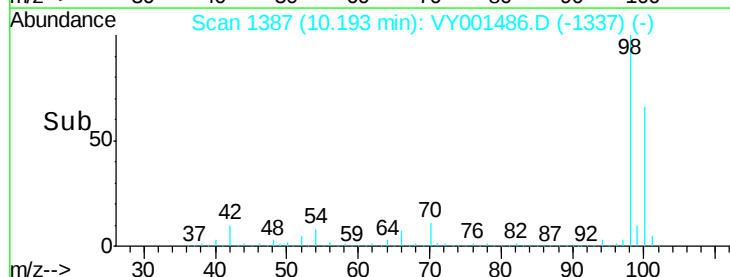
Ion Ratio Lower Upper

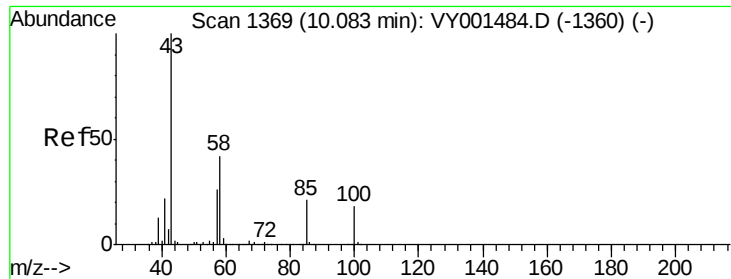
98 100

100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001486.D (-1337) (-)





#51

4-Methyl-2-Pentanone

Concen: 754.71 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

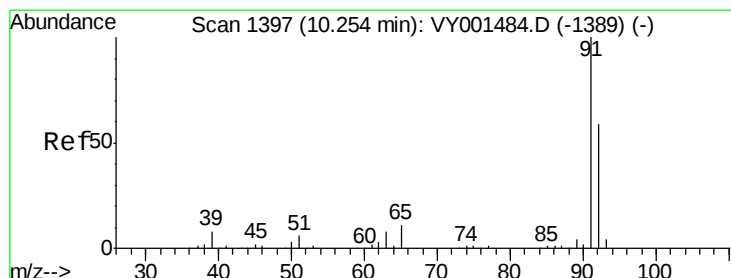
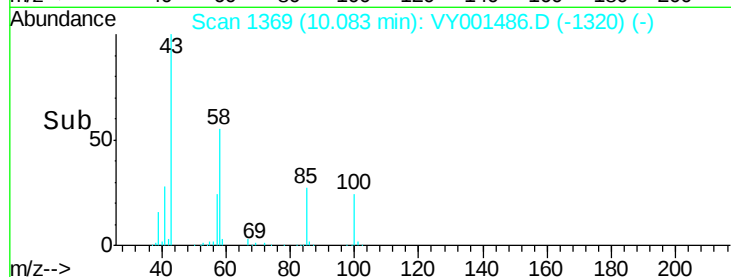
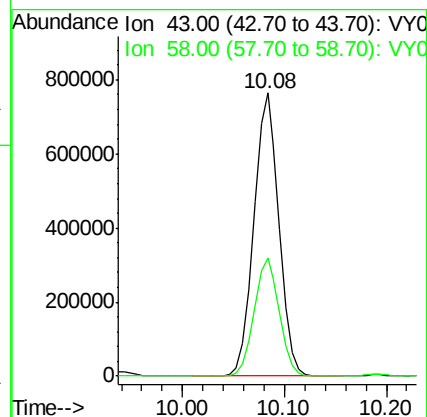
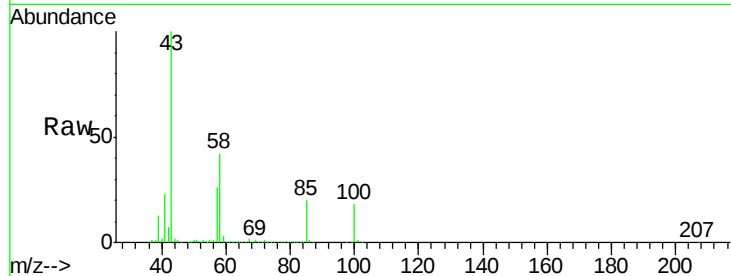
VSTDIC150

Tgt Ion: 43 Resp: 1304171

Ion Ratio Lower Upper

43 100

58 41.7 33.9 50.9



#52

Toluene

Concen: 133.68 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001486.D

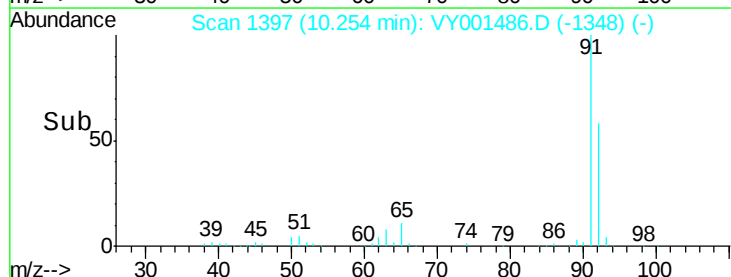
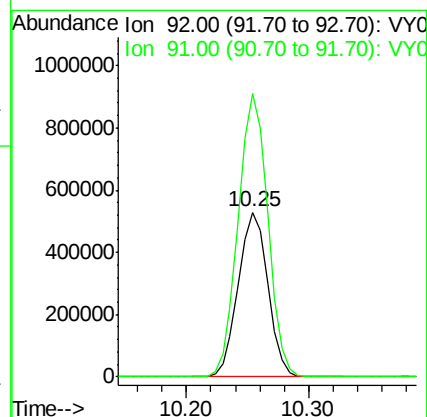
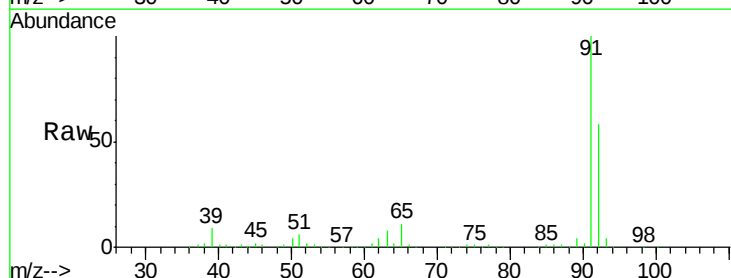
Acq: 04 Feb 2020 14:42

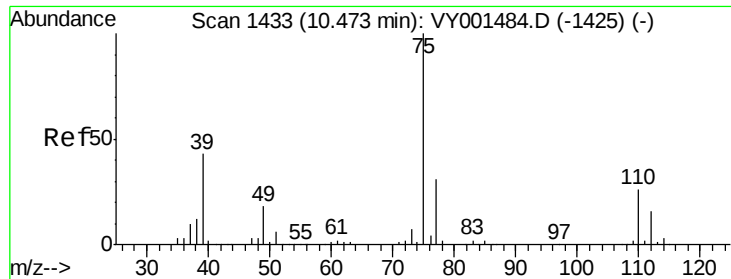
Tgt Ion: 92 Resp: 885688

Ion Ratio Lower Upper

92 100

91 171.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 142.80 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

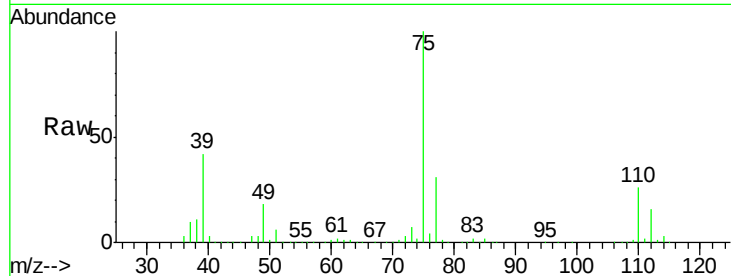
VSTDIC150

Tgt Ion: 75 Resp: 536571

Ion Ratio Lower Upper

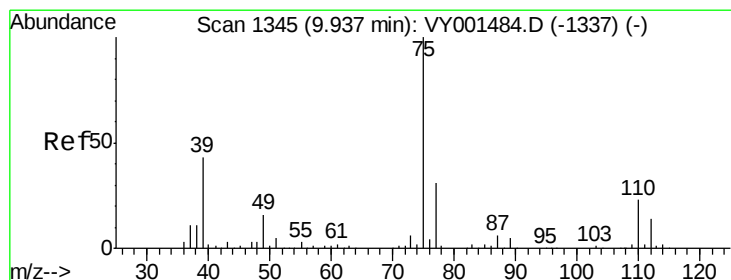
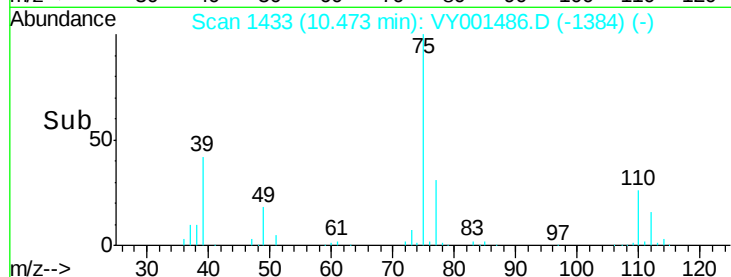
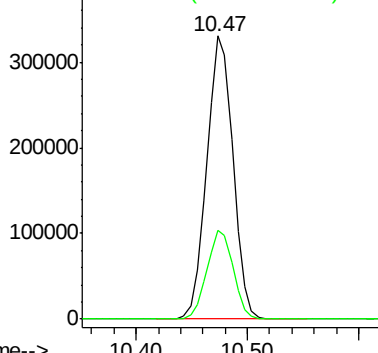
75 100

77 31.3 24.9 37.3



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: 139.16 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

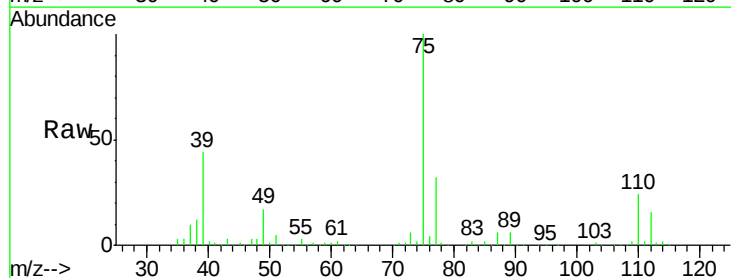
Tgt Ion: 75 Resp: 600310

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

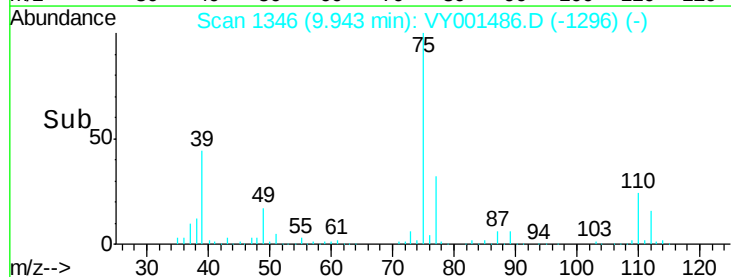
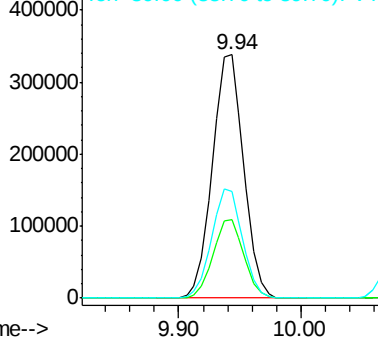
39 43.8 34.0 51.0

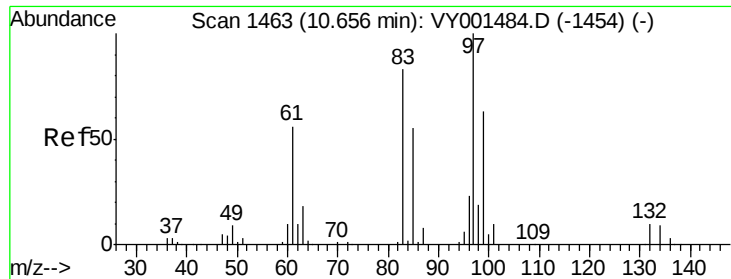


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

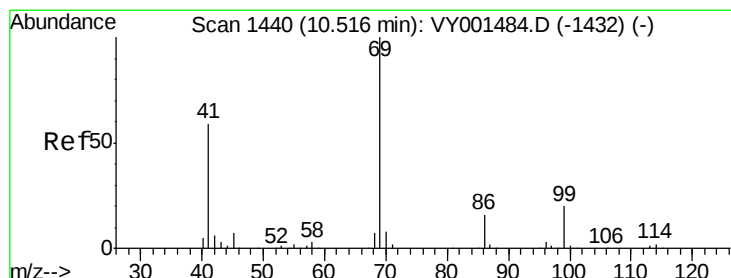
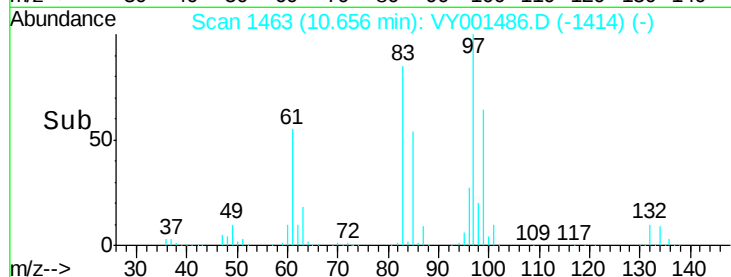
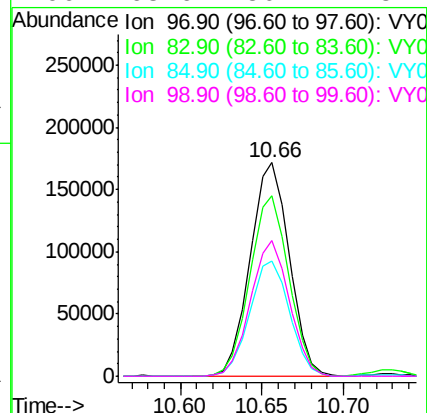
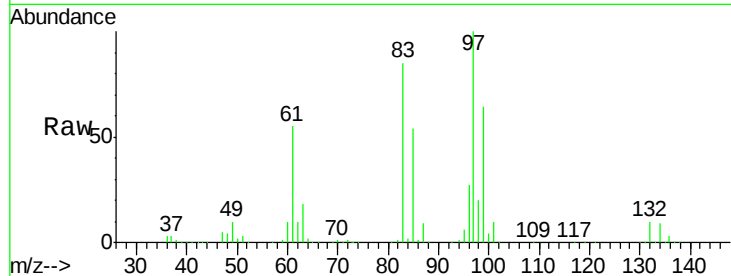




#55
 1,1,2-Trichloroethane
 Concen: 141.41 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

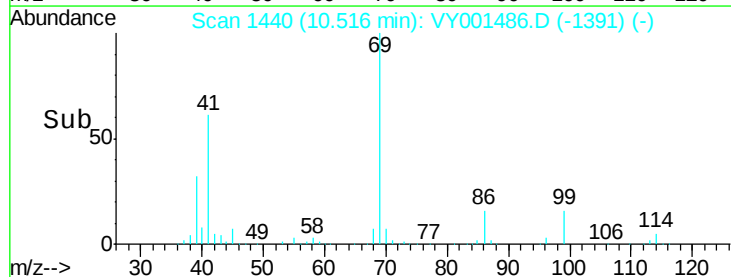
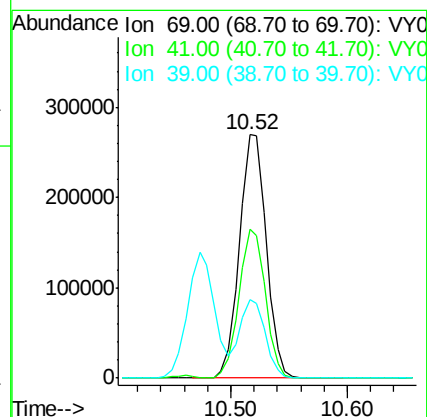
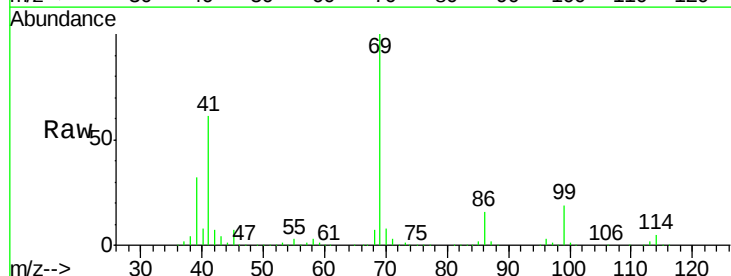
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

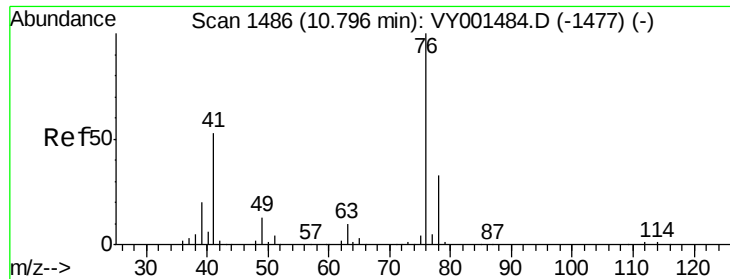
Tgt Ion:	97	Resp:	287274
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.2
85	54.3	43.8	65.6
99	63.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 149.81 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion:	69	Resp:	432869
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.8	71.8
39	31.0	24.4	36.6





#57

1,3-Dichloropropane

Concen: 139.41 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

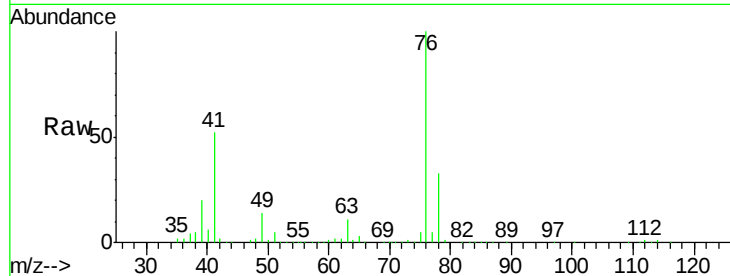
VSTDIC150

Tgt Ion: 76 Resp: 499222

Ion Ratio Lower Upper

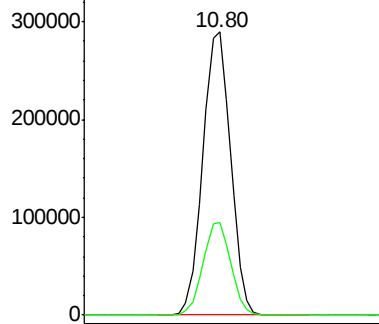
76 100

78 32.7 25.7 38.5

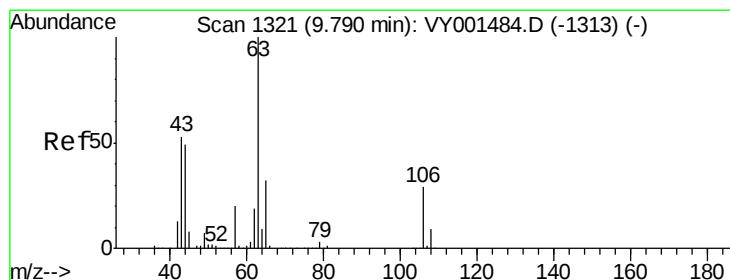
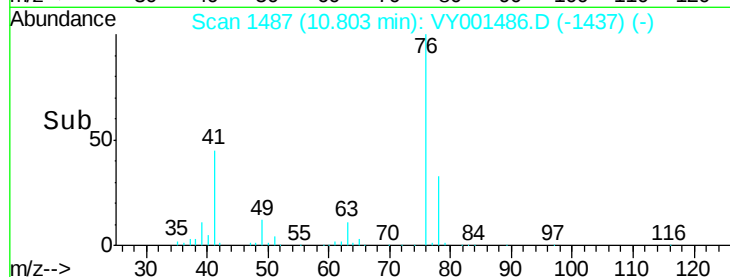


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 738.96 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY001486.D

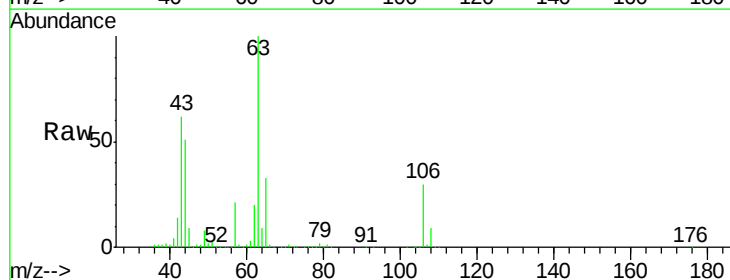
Acq: 04 Feb 2020 14:42

Tgt Ion: 63 Resp: 785469

Ion Ratio Lower Upper

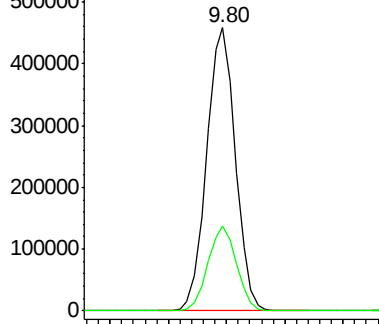
63 100

106 29.7 24.0 36.0

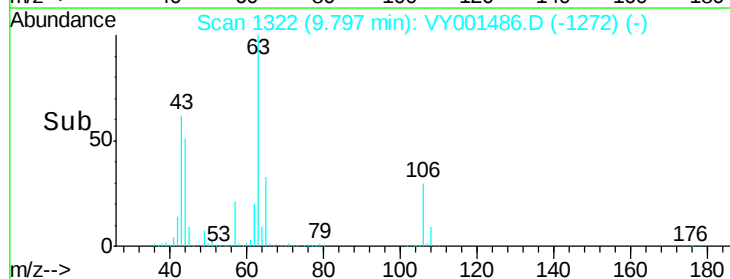


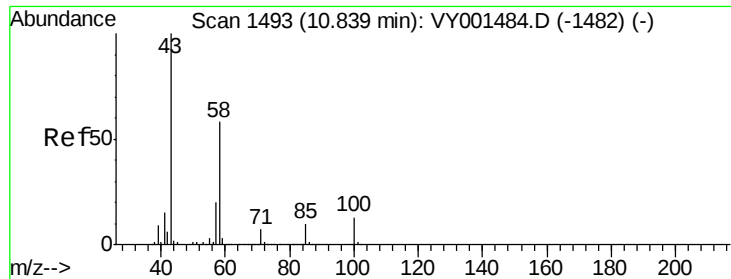
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

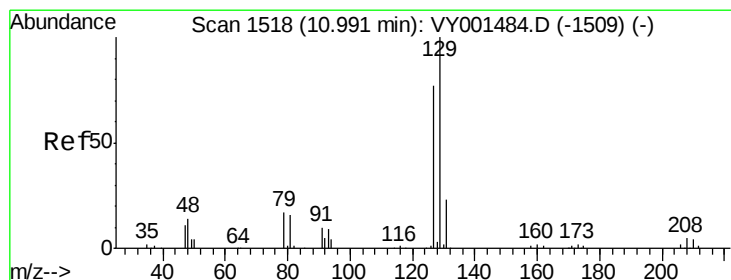
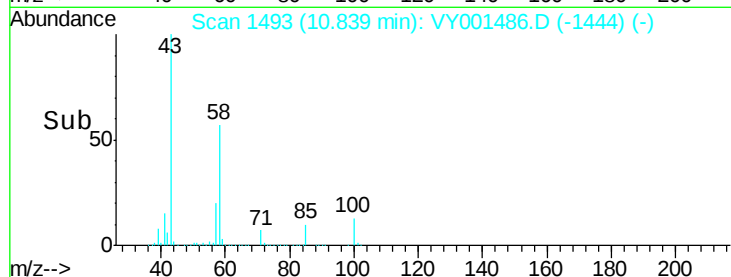
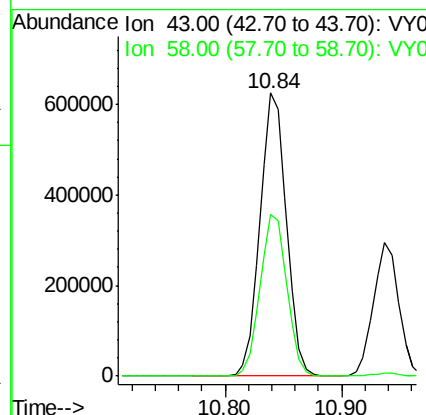
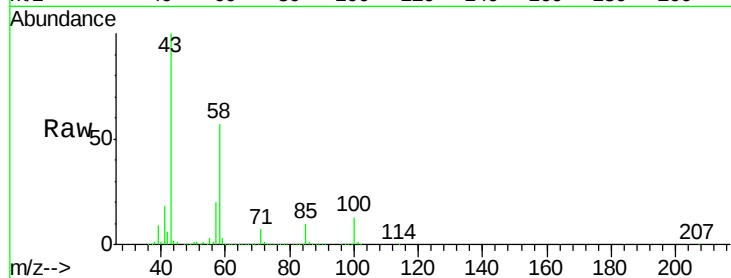




#59
2-Hexanone
Concen: 791.25 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

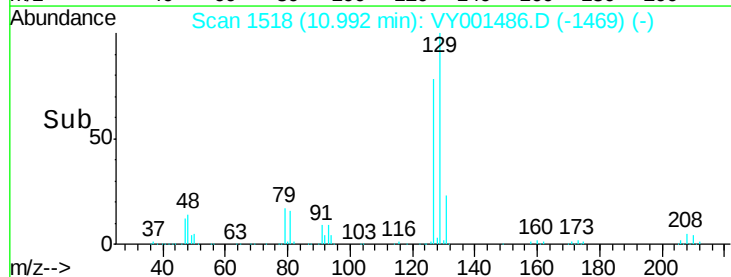
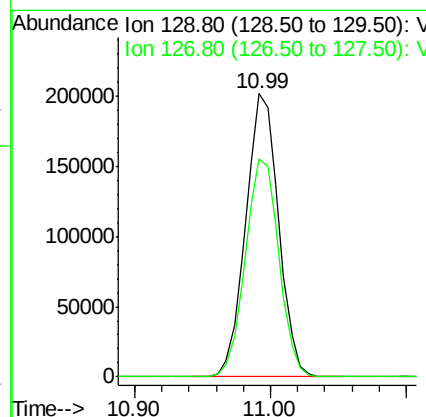
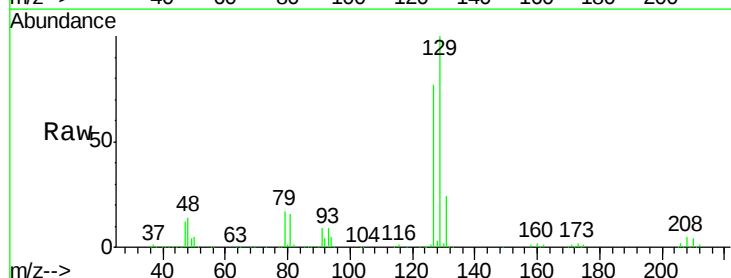
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

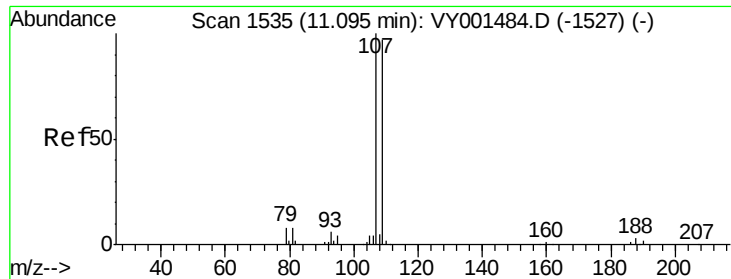
Tgt Ion: 43 Resp: 994157
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.0



#60
Dibromochloromethane
Concen: 142.39 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 129 Resp: 340968
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

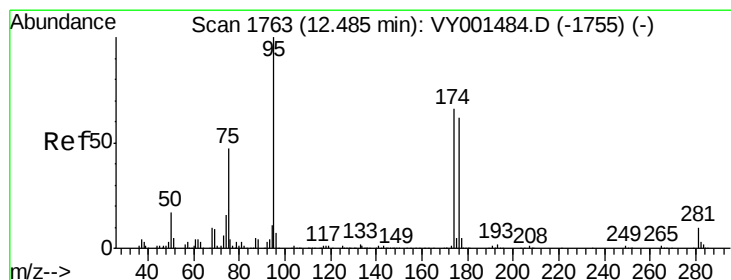
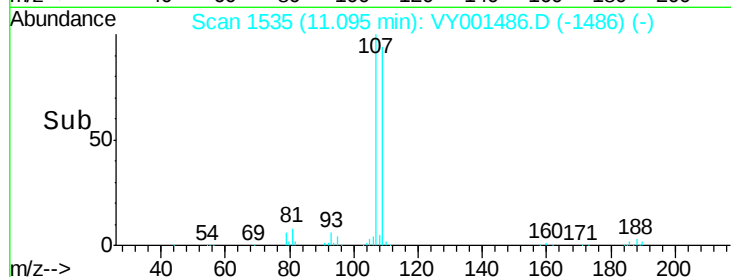
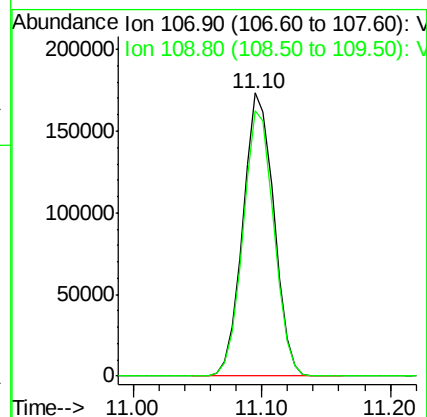
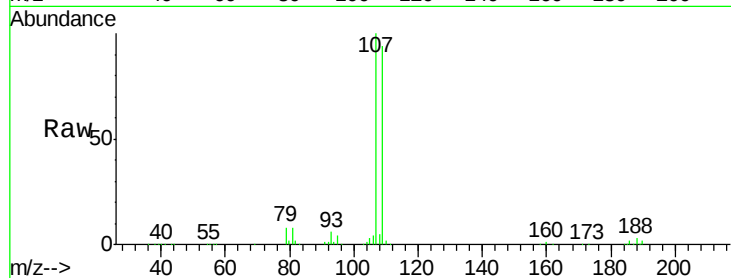




#61
 1,2-Dibromoethane
 Concen: 143.62 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

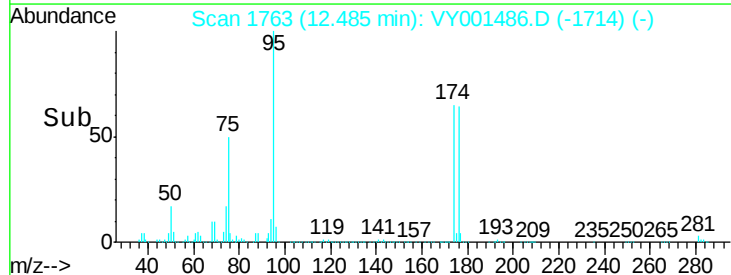
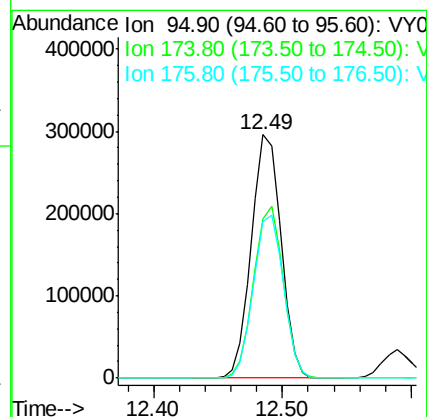
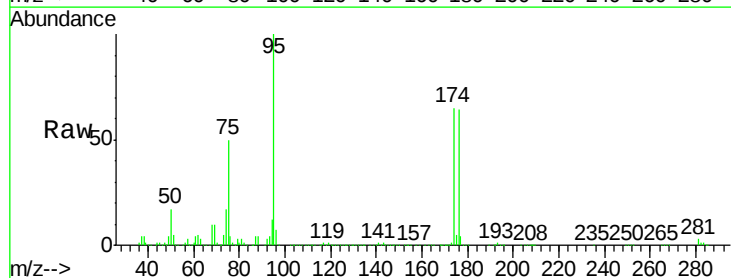
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

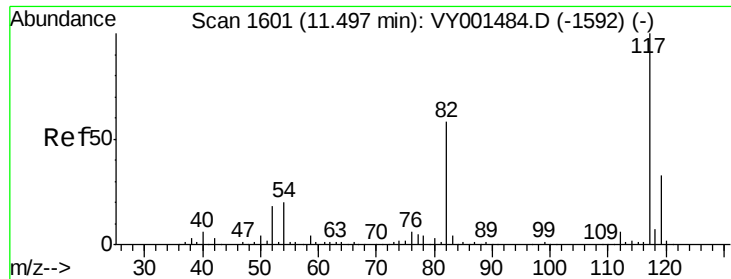
Tgt Ion: 107 Resp: 287373
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 136.86 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion: 95 Resp: 470723
 Ion Ratio Lower Upper
 95 100
 174 70.2 0.0 141.4
 176 67.7 0.0 135.4

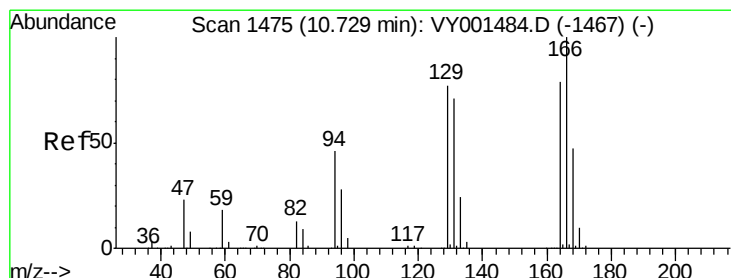
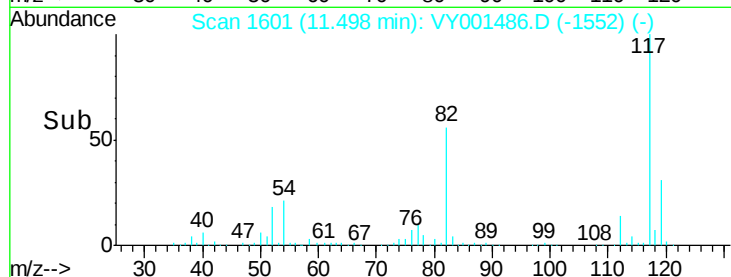
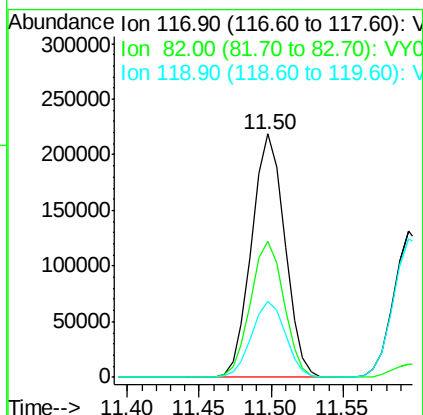
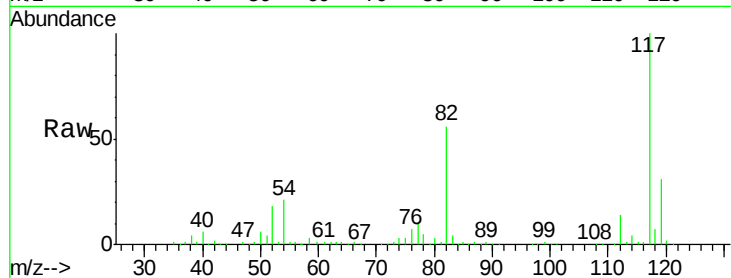




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

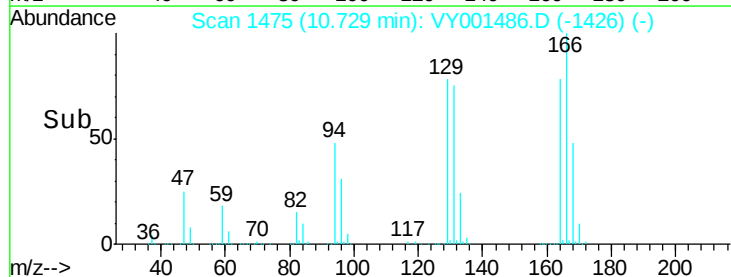
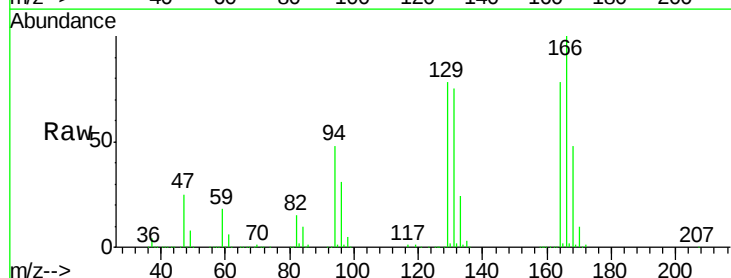
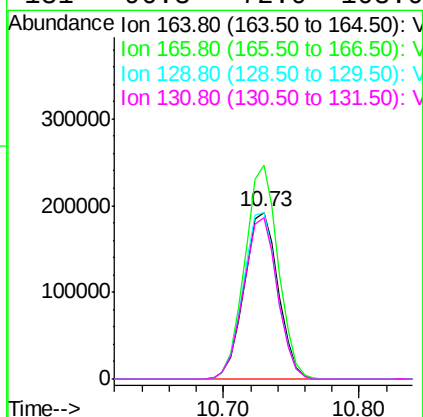
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

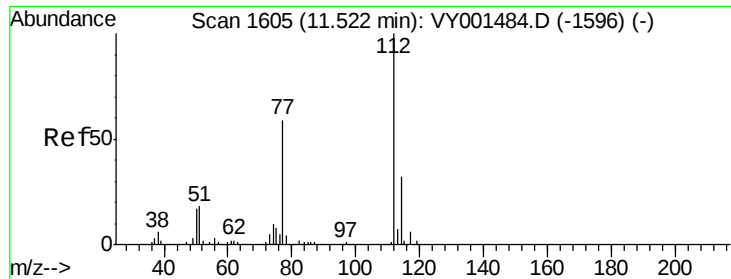
Tgt Ion:117 Resp: 349366
Ion Ratio Lower Upper
117 100
82 55.9 46.1 69.1
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 146.49 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:164 Resp: 335628
Ion Ratio Lower Upper
164 100
166 128.0 100.8 151.2
129 100.1 77.8 116.6
131 96.3 72.0 108.0

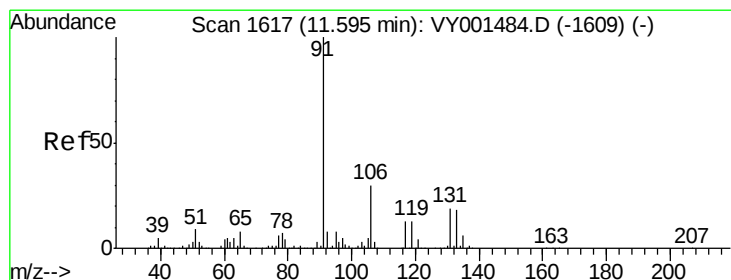
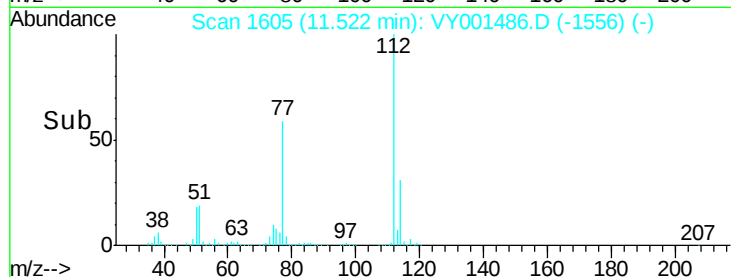
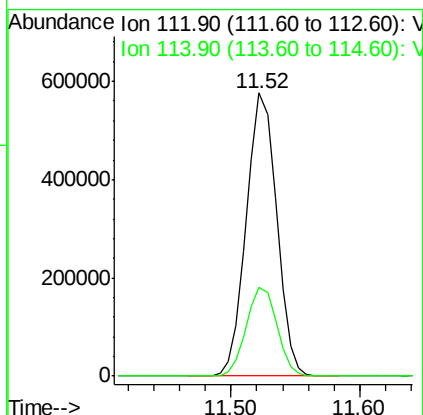
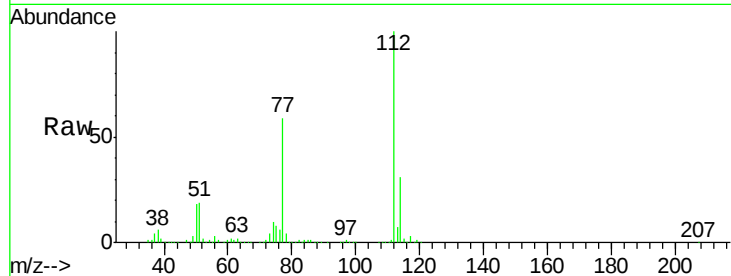




#65
Chlorobenzene
Concen: 136.44 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

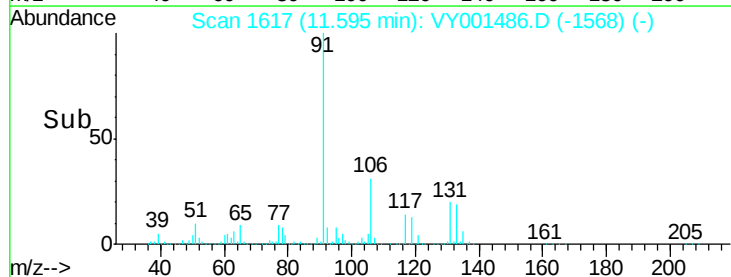
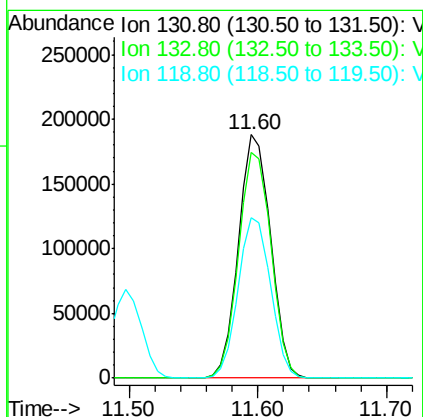
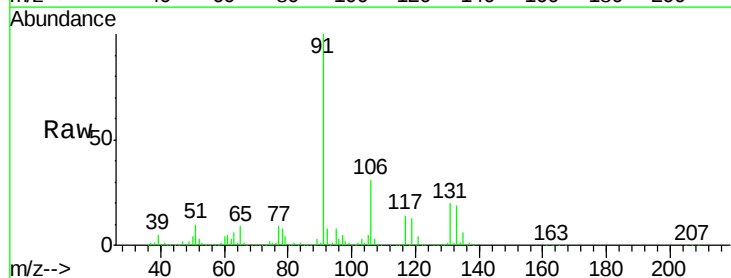
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

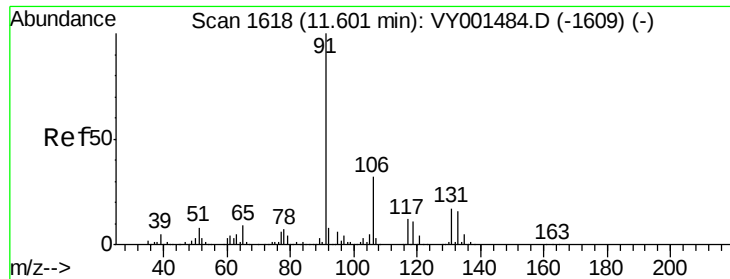
Tgt Ion:112 Resp: 935912
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 135.18 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:131 Resp: 324557
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.8
119 66.5 33.7 101.0

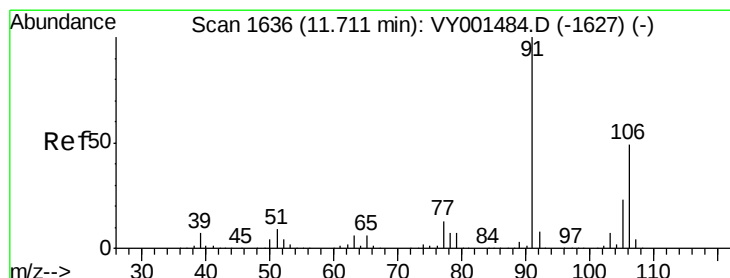
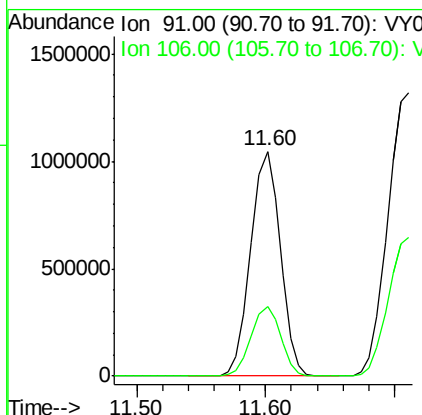
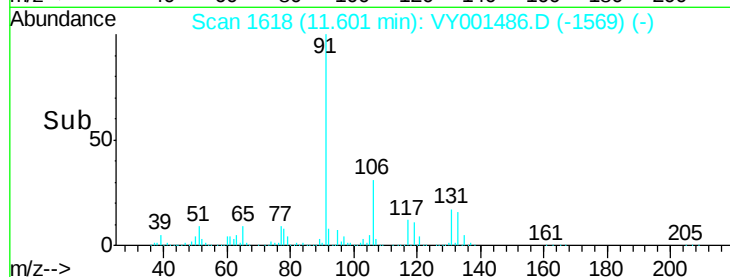
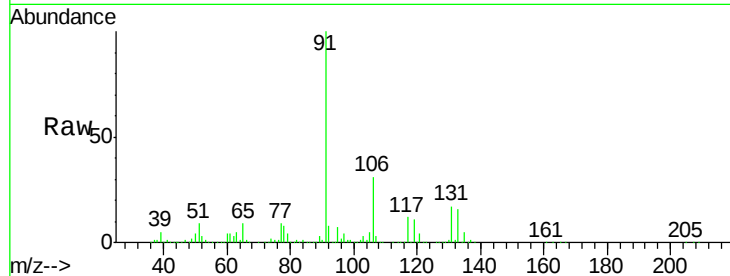




#67
Ethyl Benzene
Concen: 131.28 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

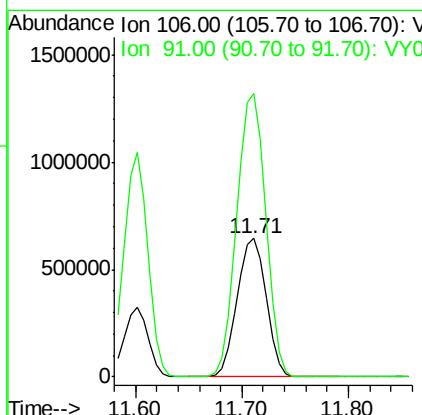
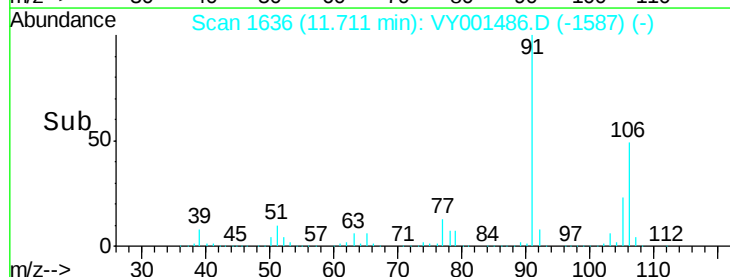
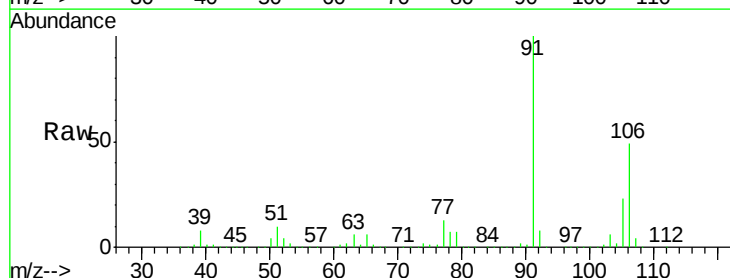
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

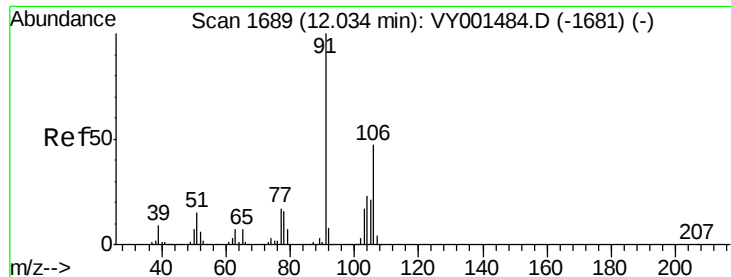
Tgt Ion: 91 Resp: 1665140
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 259.54 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 106 Resp: 1235778
Ion Ratio Lower Upper
106 100
91 204.6 163.6 245.4

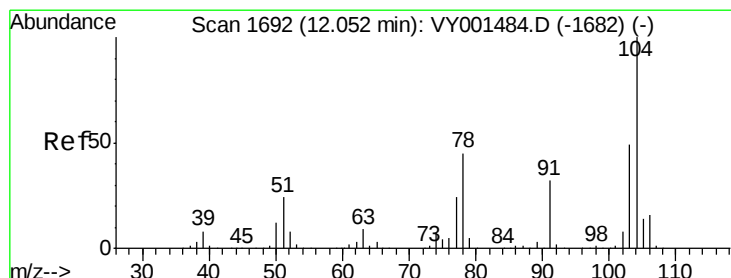
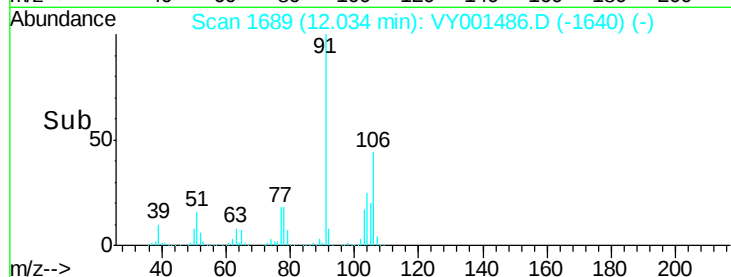
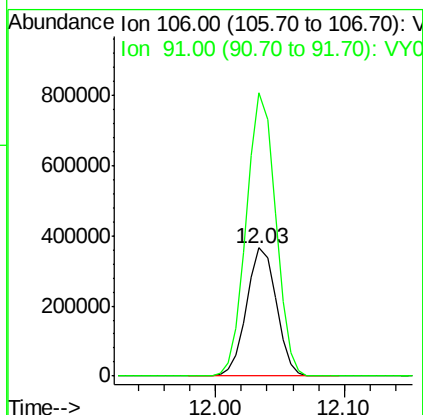
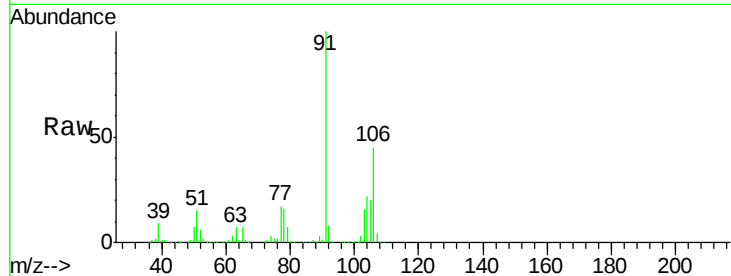




#69
o-Xylene
Concen: 129.37 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

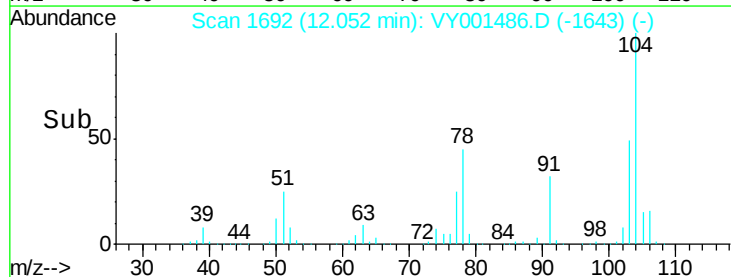
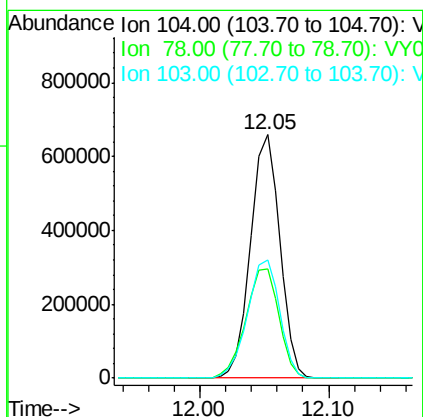
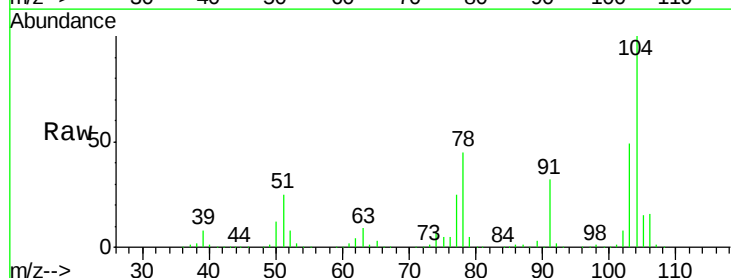
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

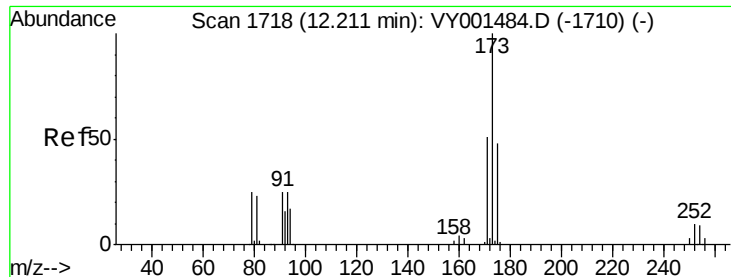
Tgt Ion:106 Resp: 580784
Ion Ratio Lower Upper
106 100
91 218.5 106.0 318.0



#70
Styrene
Concen: 133.01 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:104 Resp: 1032590
Ion Ratio Lower Upper
104 100
78 50.9 40.4 60.6
103 53.6 42.8 64.2





#71

Bromoform

Concen: 148.84 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

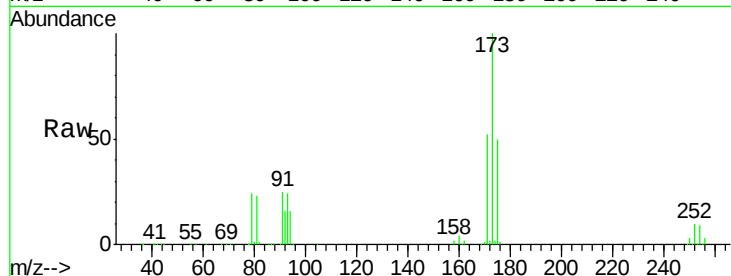
Tgt Ion:173 Resp: 198977

Ion Ratio Lower Upper

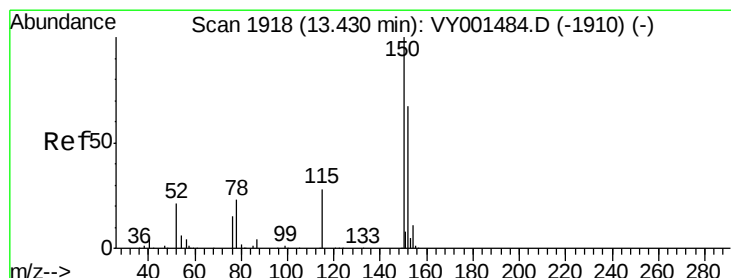
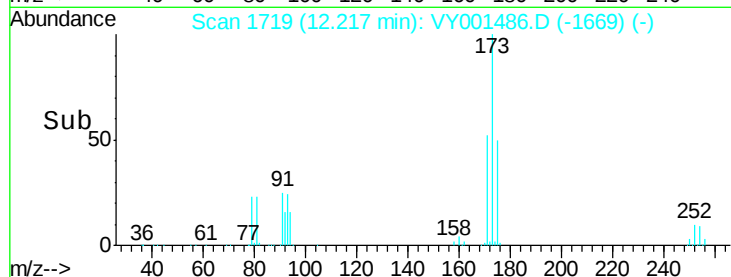
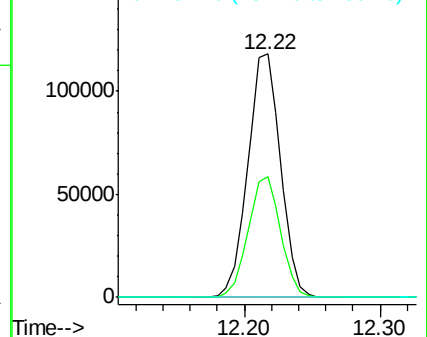
173 100

175 48.9 24.0 72.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

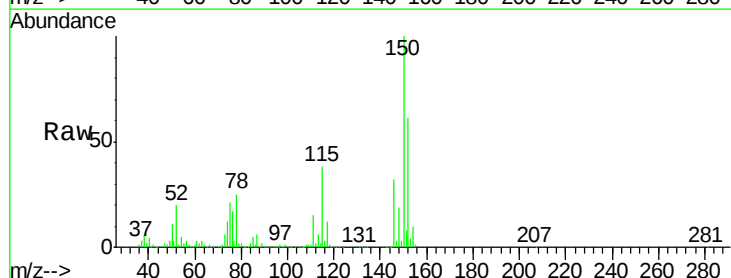
Tgt Ion:152 Resp: 154518

Ion Ratio Lower Upper

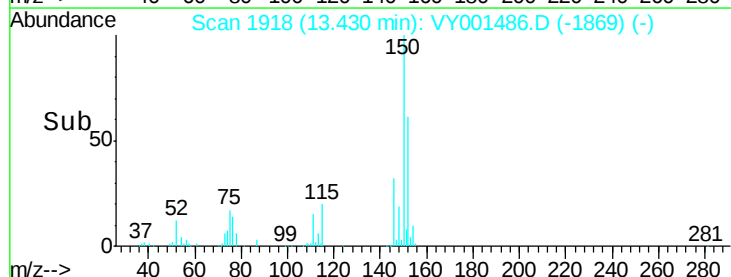
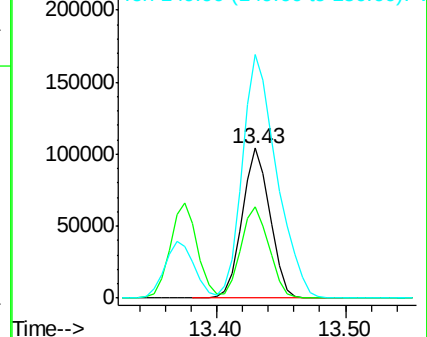
152 100

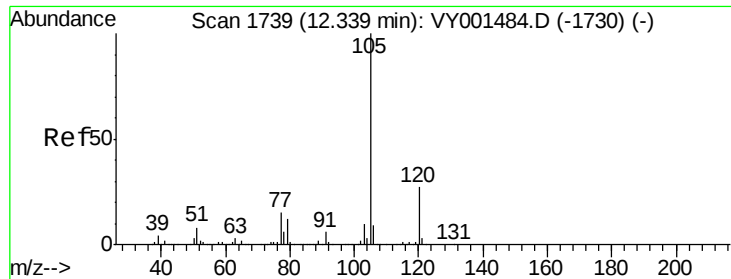
115 62.2 31.4 94.3

150 200.7 0.0 346.8



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





#73

Isopropylbenzene

Concen: 134.78 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

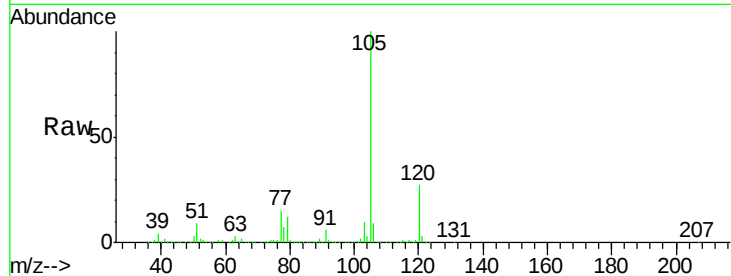
VSTDIC150

Tgt Ion:105 Resp: 1588301

Ion Ratio Lower Upper

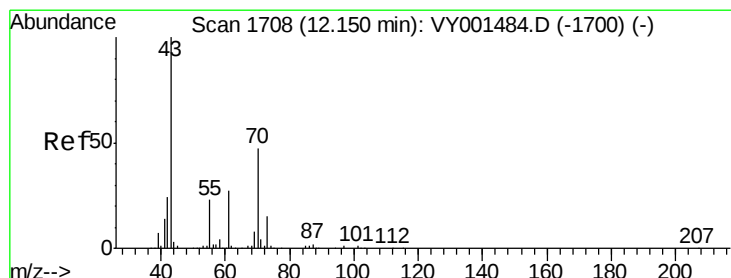
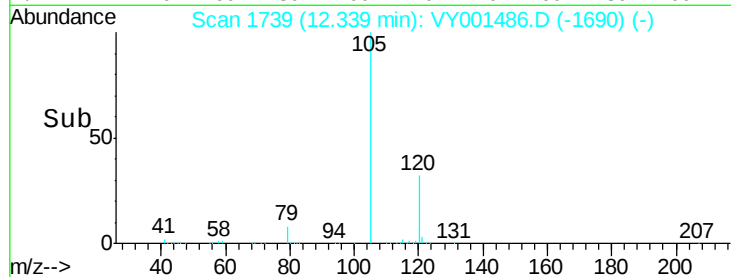
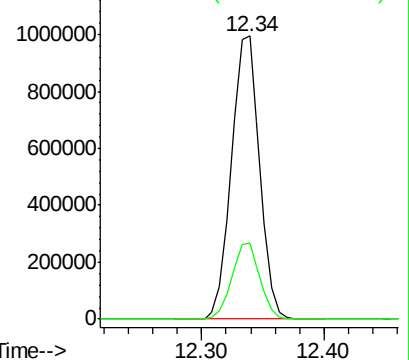
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 154.69 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion: 43 Resp: 473702

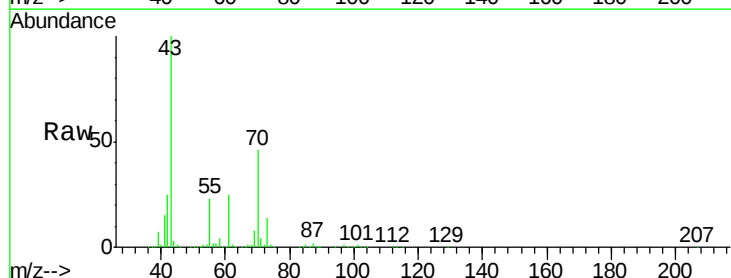
Ion Ratio Lower Upper

43 100

70 46.2 37.2 55.8

55 23.8 18.8 28.2

61 26.1 21.4 32.2

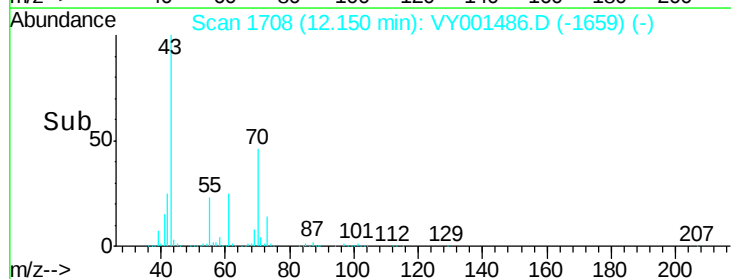
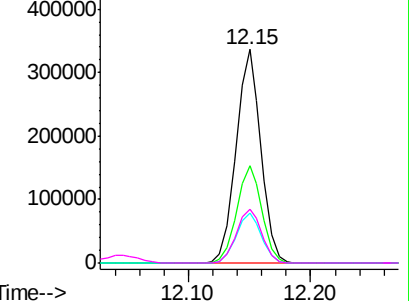


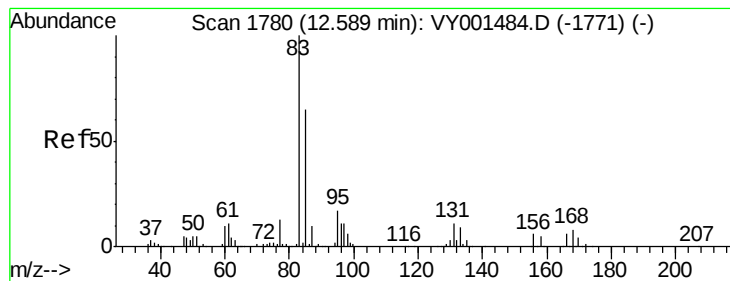
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 150.20 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

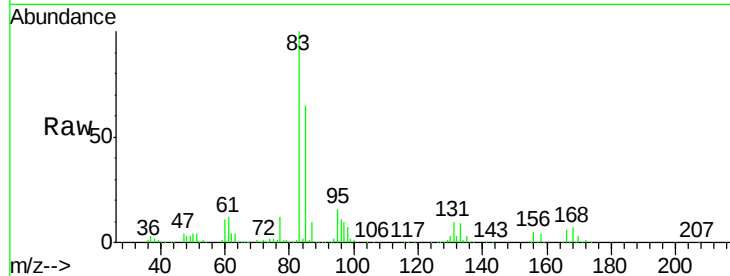
Tgt Ion: 83 Resp: 336303

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.1 32.0 96.0

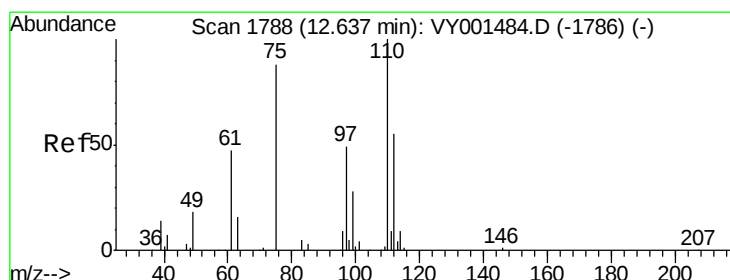
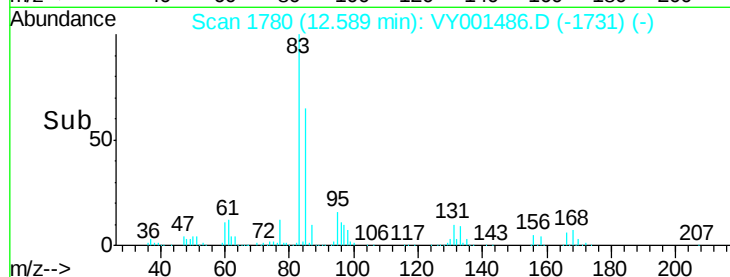


Abundance Ion 82.90 (82.60 to 83.60): VY001486.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001486.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001486.D (-1771) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 238.85 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001486.D

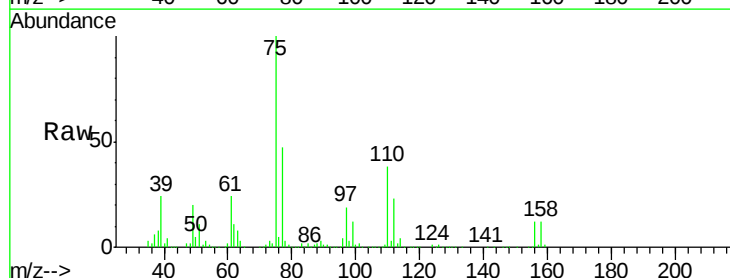
Acq: 04 Feb 2020 14:42

Tgt Ion: 75 Resp: 450059

Ion Ratio Lower Upper

75 100

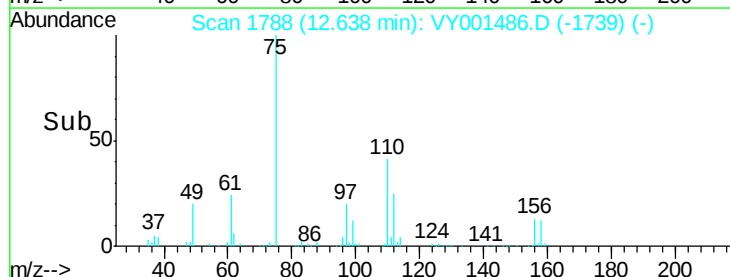
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001486.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY001486.D (-1786) (-)

Time-->





#77

Bromobenzene

Concen: 137.25 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

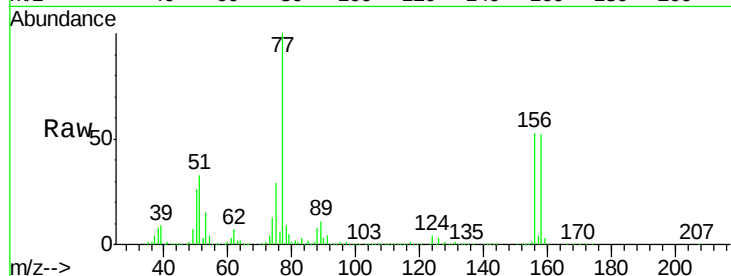
Tgt Ion:156 Resp: 350047

Ion Ratio Lower Upper

156 100

77 210.9 99.8 299.3

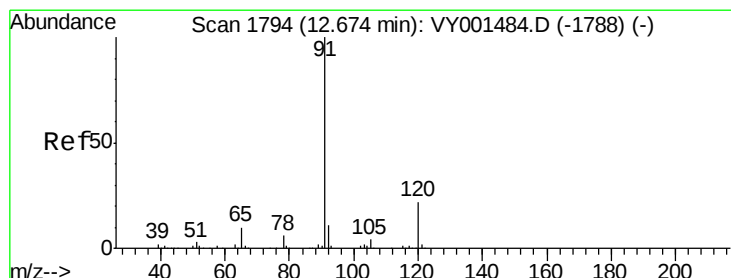
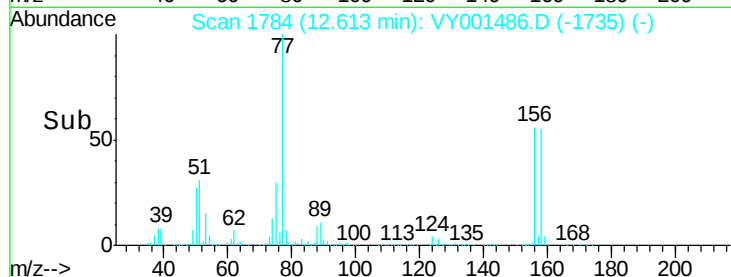
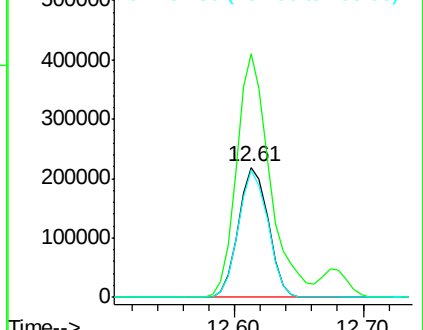
158 96.8 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 134.78 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001486.D

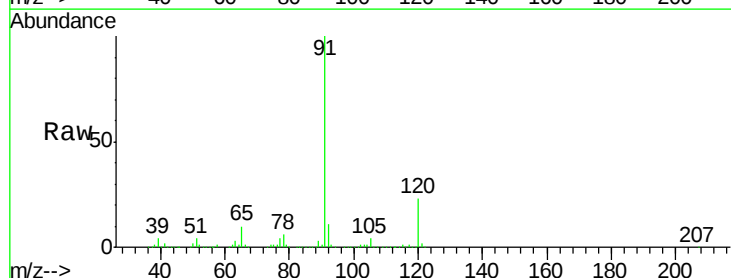
Acq: 04 Feb 2020 14:42

Tgt Ion: 91 Resp: 1901524

Ion Ratio Lower Upper

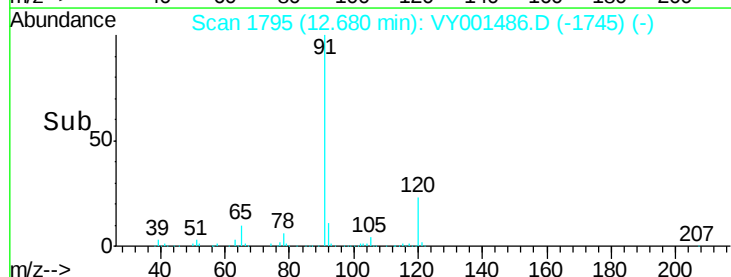
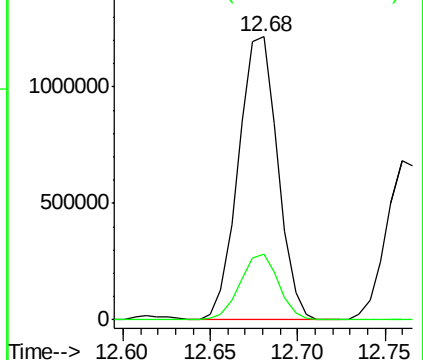
91 100

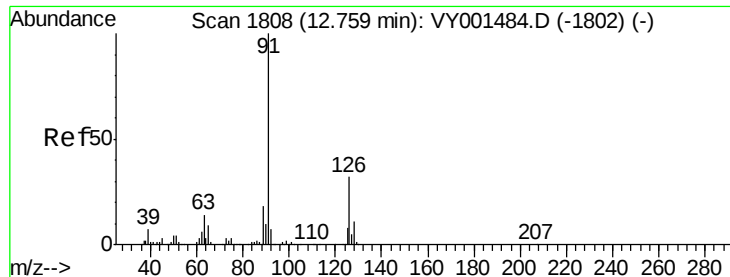
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 136.30 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

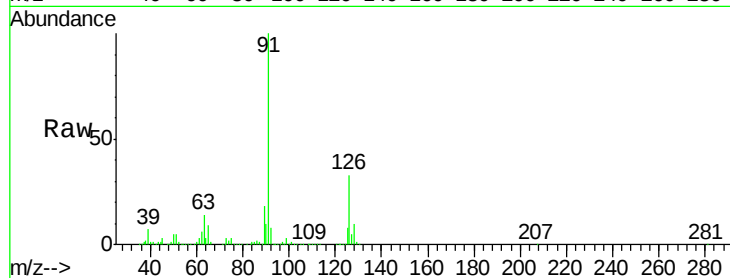
VSTDIC150

Tgt Ion: 91 Resp: 1096150

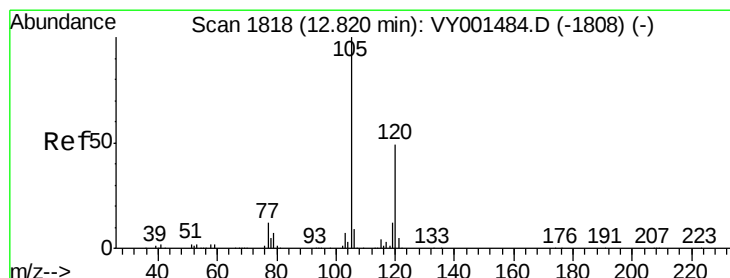
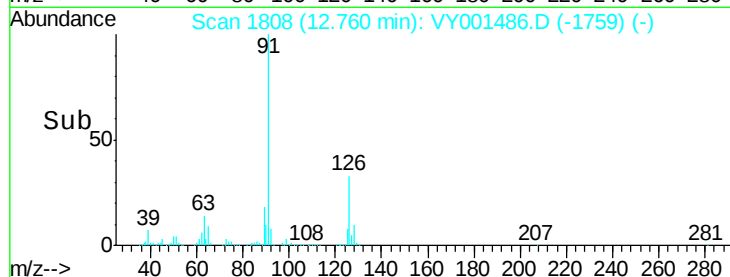
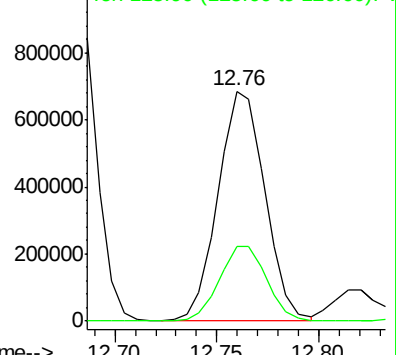
Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001486.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 133.15 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001486.D

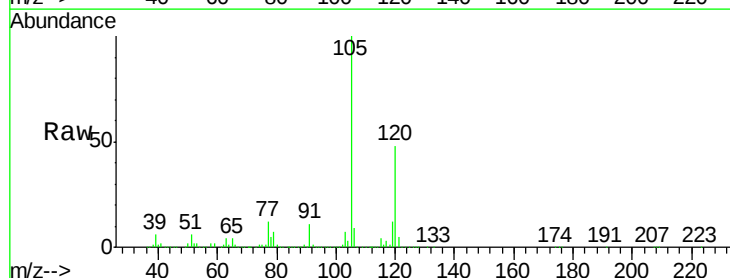
Acq: 04 Feb 2020 14:42

Tgt Ion: 105 Resp: 1321485

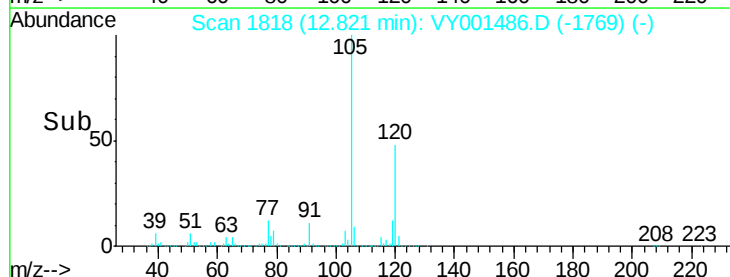
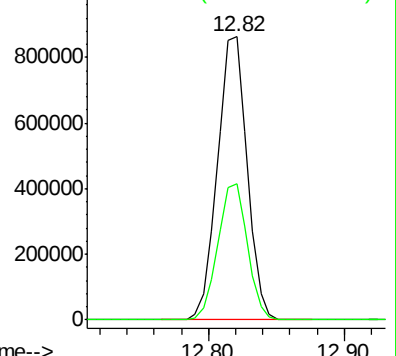
Ion Ratio Lower Upper

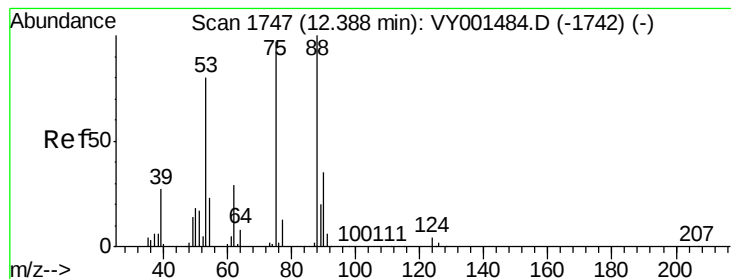
105 100

120 48.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001486.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 155.77 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

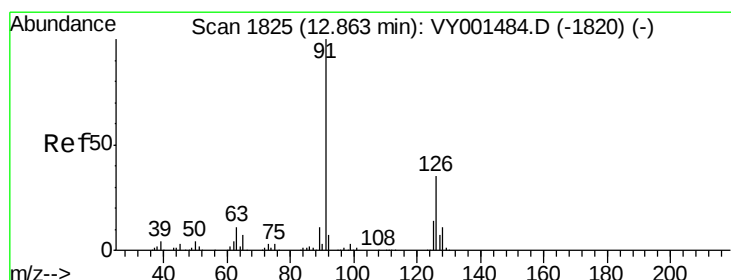
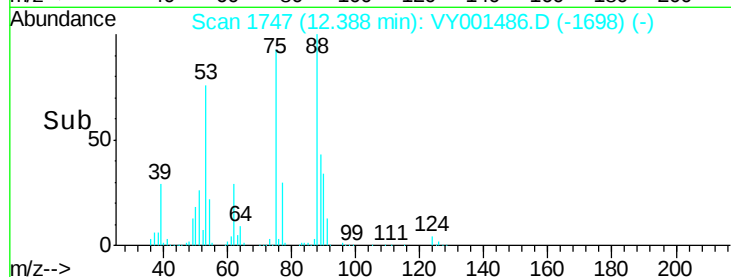
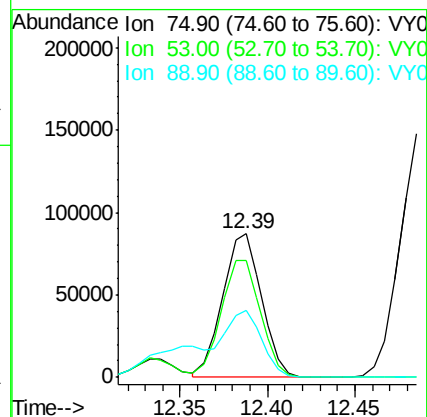
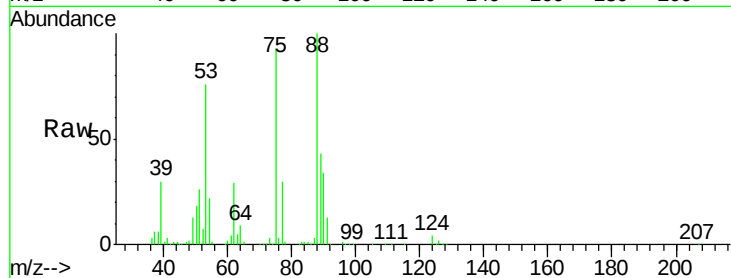
Tgt Ion: 75 Resp: 133769

Ion Ratio Lower Upper

75 100

53 83.1 67.7 101.5

89 47.3 34.6 52.0



#82

4-Chlorotoluene

Concen: 134.76 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001486.D

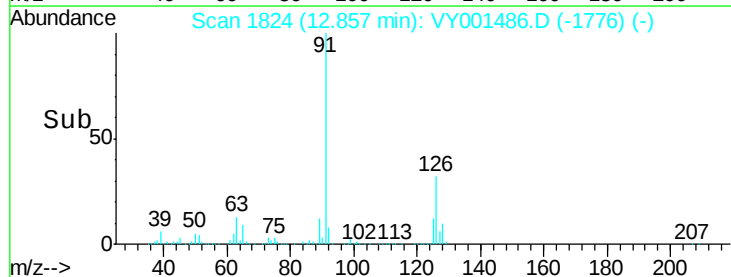
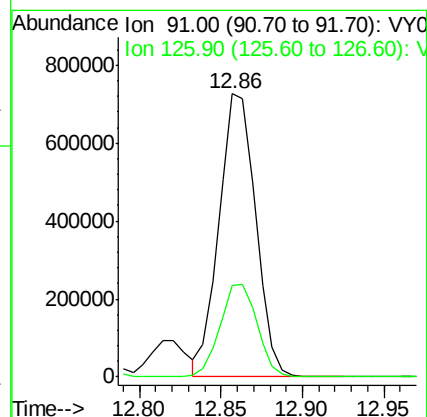
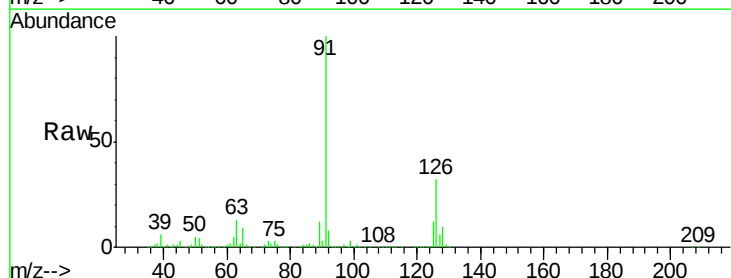
Acq: 04 Feb 2020 14:42

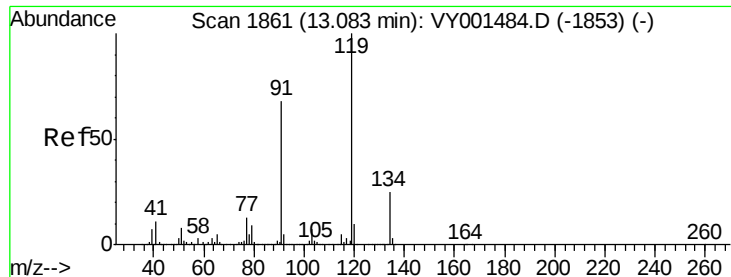
Tgt Ion: 91 Resp: 1136230

Ion Ratio Lower Upper

91 100

126 33.1 16.5 49.5

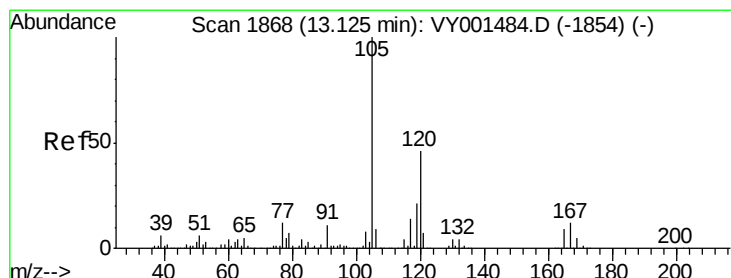
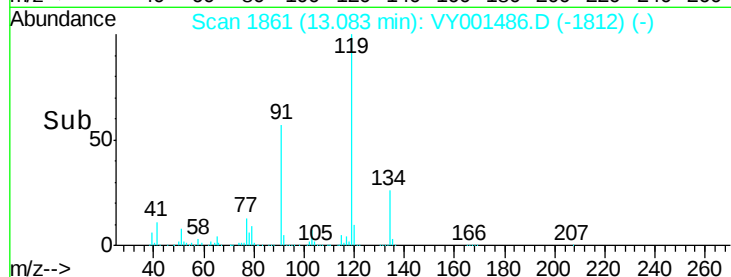
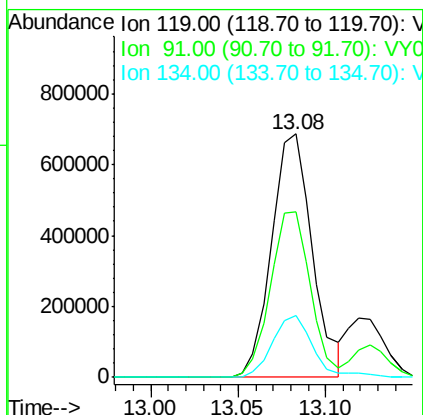
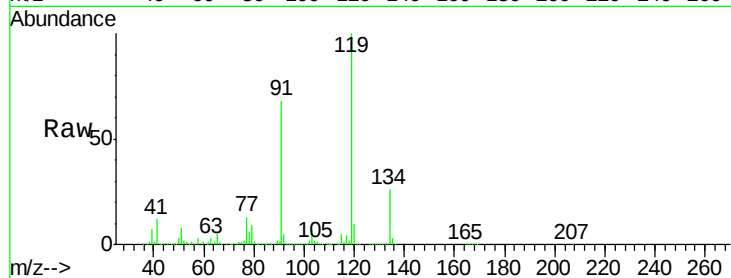




#83
 tert-Butylbenzene
 Concen: 133.31 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

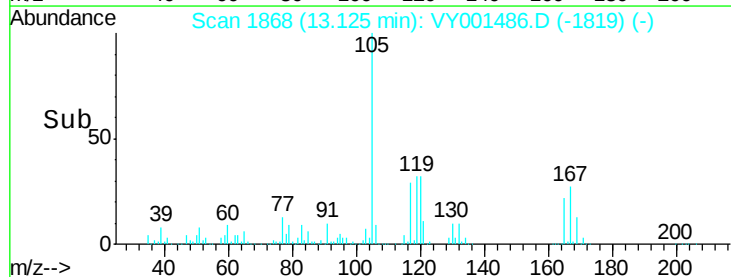
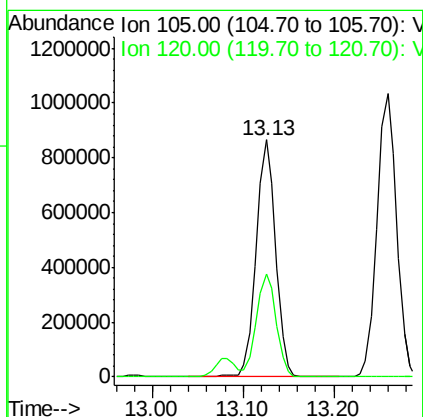
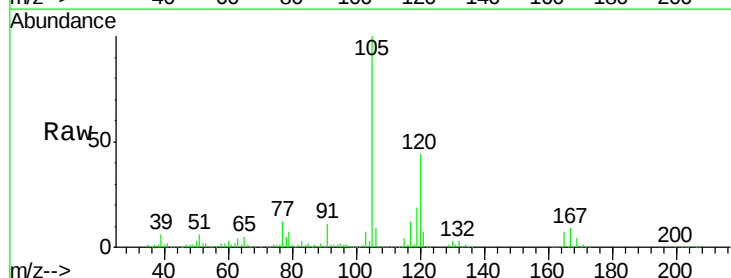
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

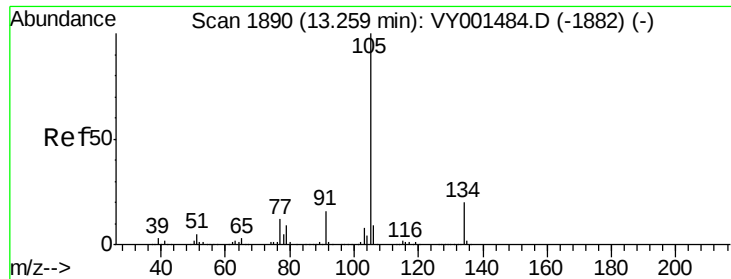
Tgt Ion:119 Resp: 1118366
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.1 99.3
 134 25.6 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 130.68 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion:105 Resp: 1283619
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 131.23 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

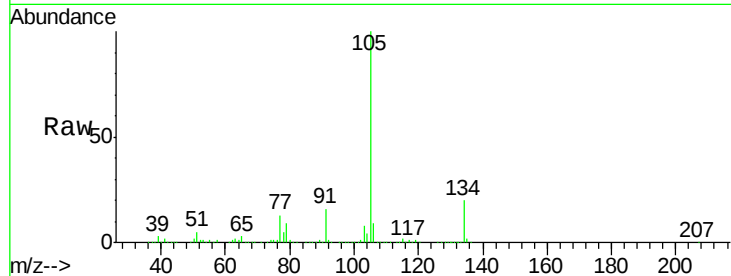
VSTDIC150

Tgt Ion:105 Resp: 1547876

Ion Ratio Lower Upper

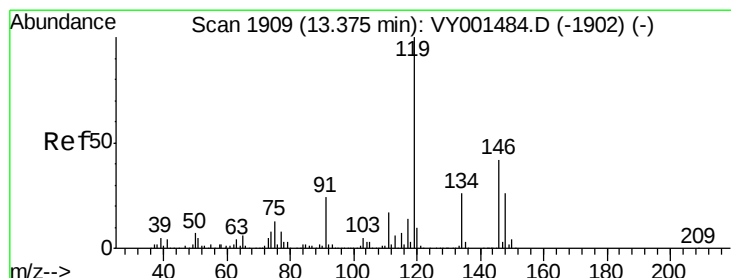
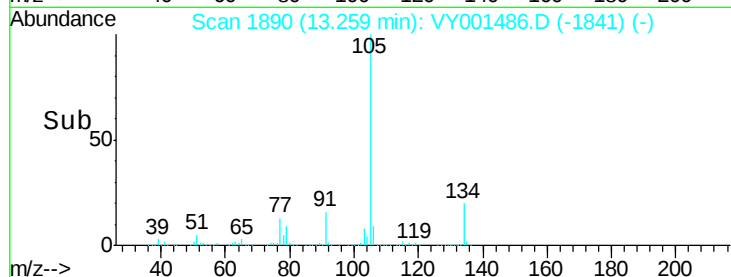
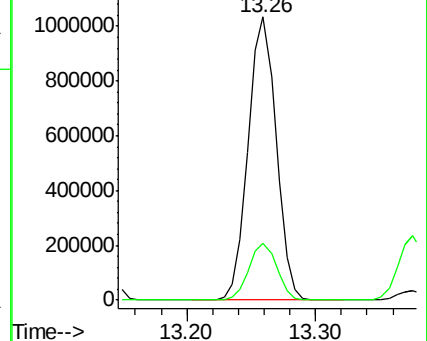
105 100

134 20.2 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 127.27 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

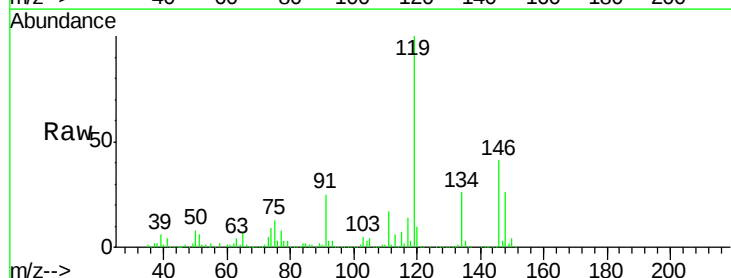
Tgt Ion:119 Resp: 1322904

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

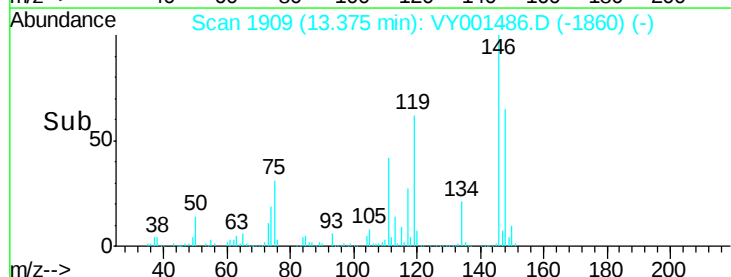
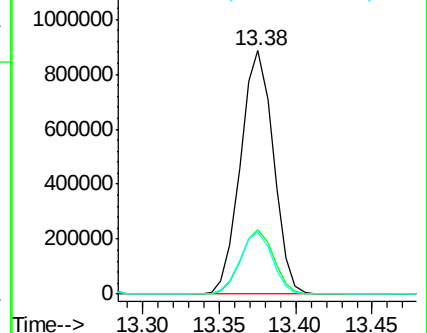
91 25.1 12.2 36.6

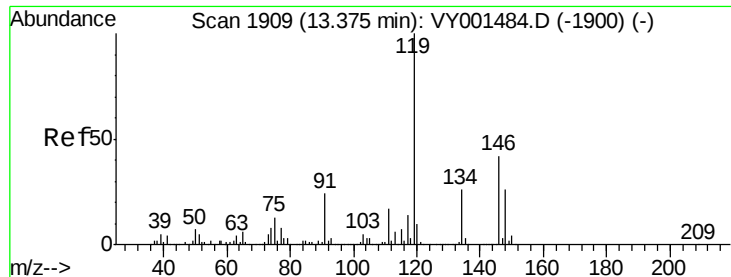


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

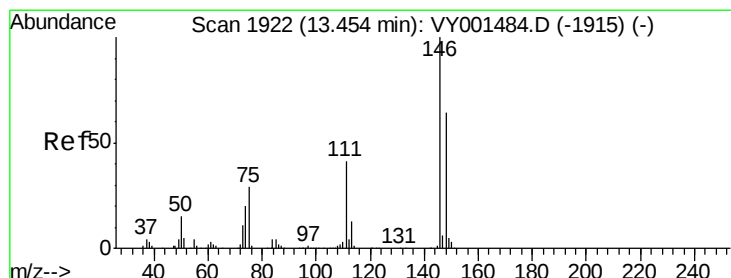
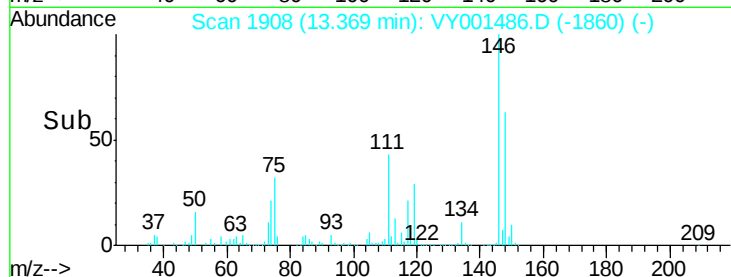
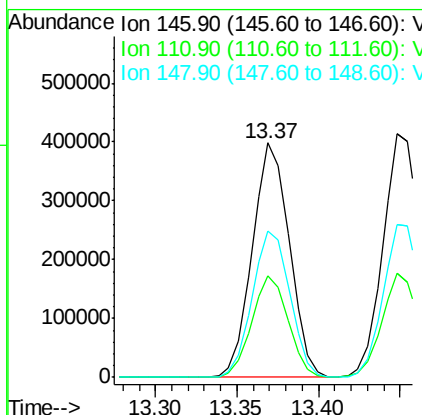
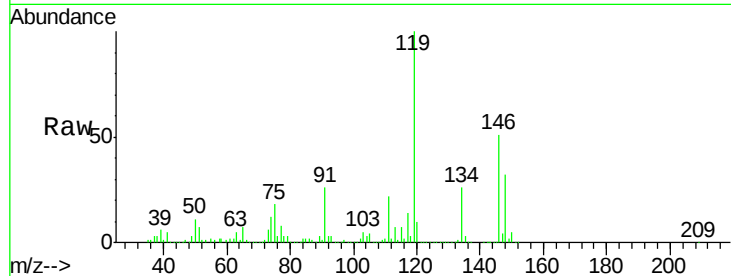




#87
 1,3-Dichlorobenzene
 Concen: 128.96 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

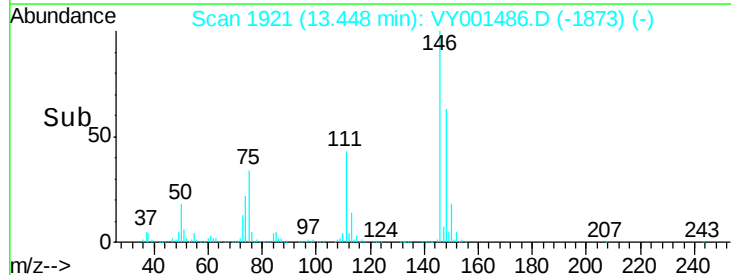
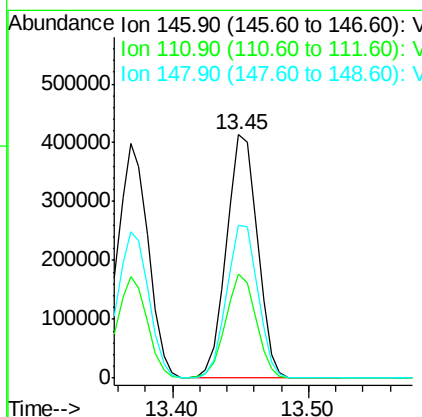
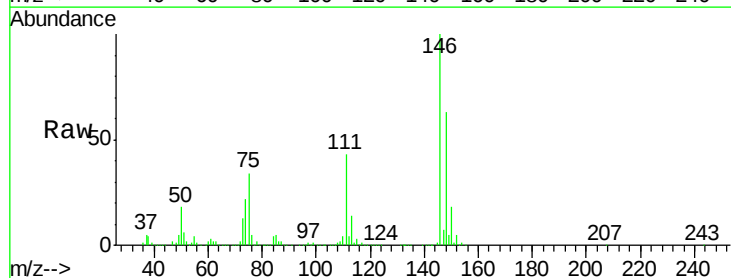
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

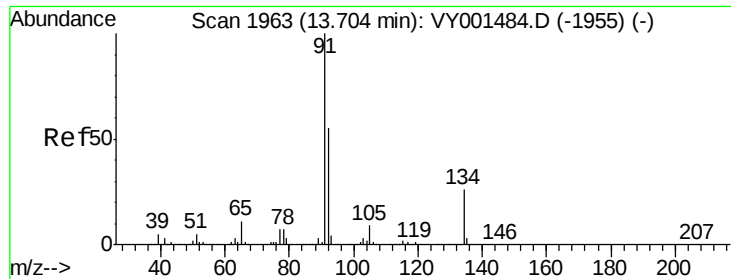
Tgt Ion:146 Resp: 630288
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 63.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 134.01 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion:146 Resp: 656196
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.7 62.1
 148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 130.70 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

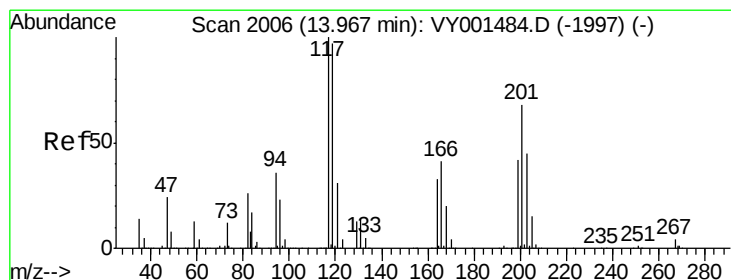
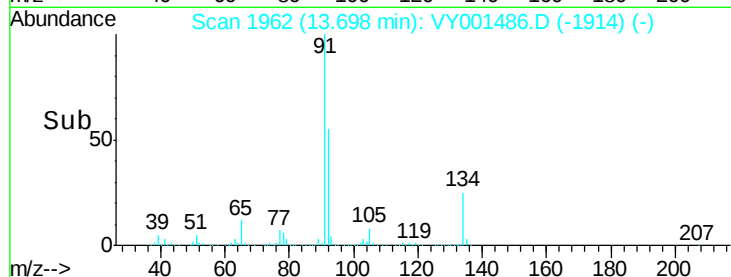
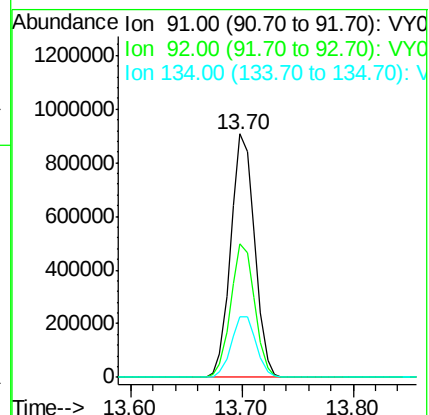
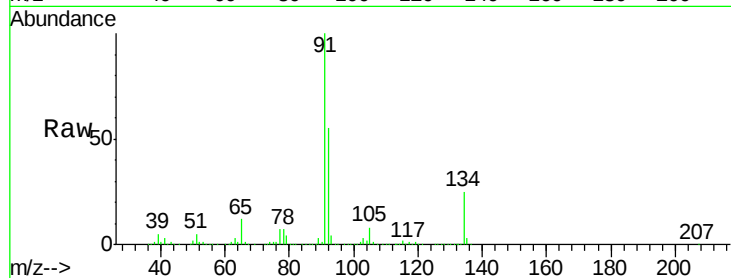
Tgt Ion: 91 Resp: 1340411

Ion Ratio Lower Upper

91 100

92 54.9 27.3 81.9

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 137.34 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY001486.D

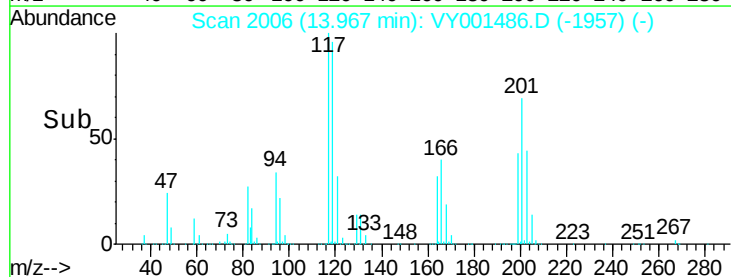
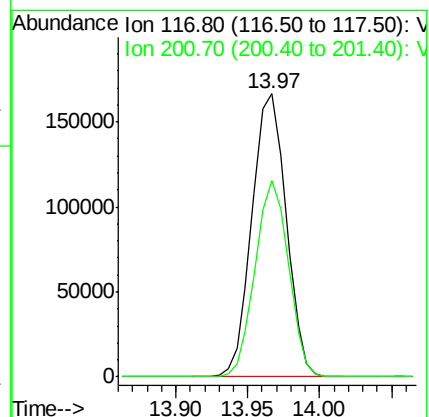
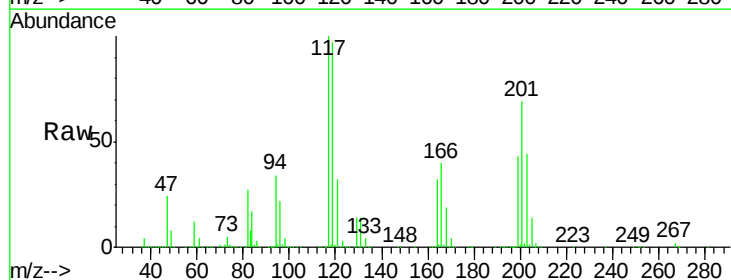
Acq: 04 Feb 2020 14:42

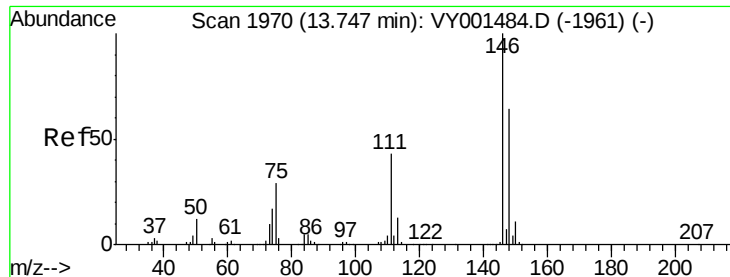
Tgt Ion: 117 Resp: 273995

Ion Ratio Lower Upper

117 100

201 67.5 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 136.13 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

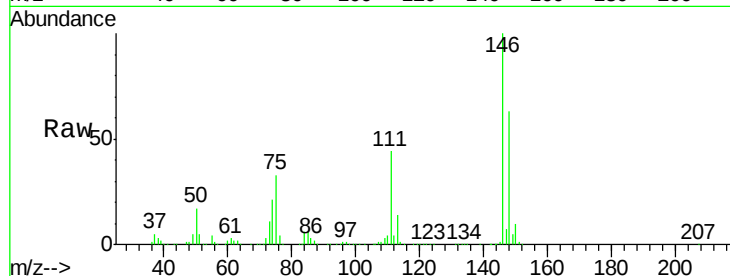
Tgt Ion:146 Resp: 602963

Ion Ratio Lower Upper

146 100

111 44.5 21.9 65.8

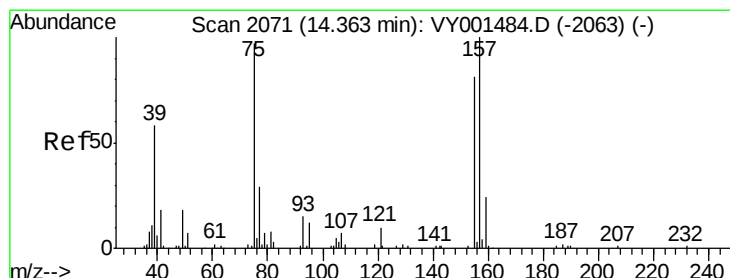
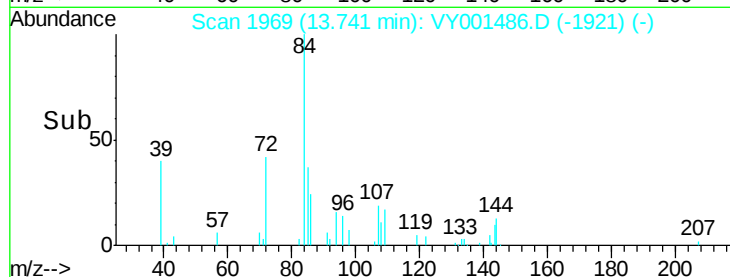
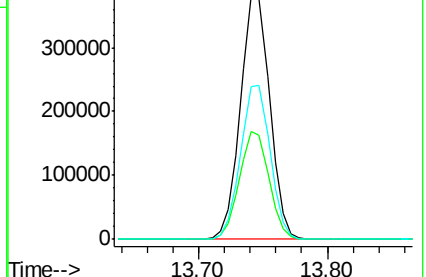
148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 148.82 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

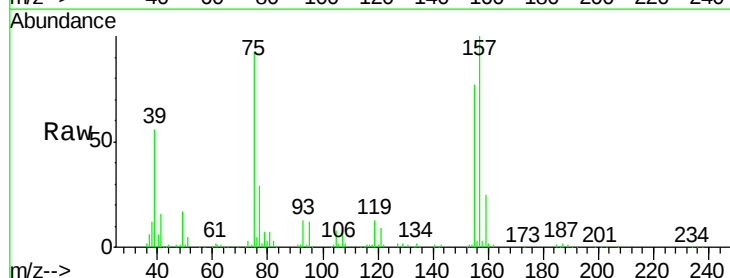
Tgt Ion: 75 Resp: 61515

Ion Ratio Lower Upper

75 100

155 85.7 40.7 122.1

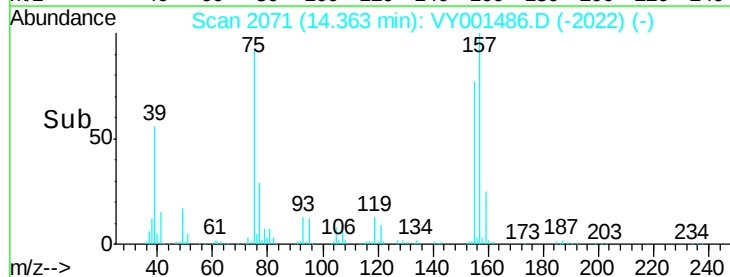
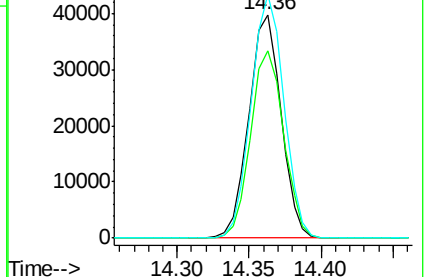
157 110.1 52.3 157.1

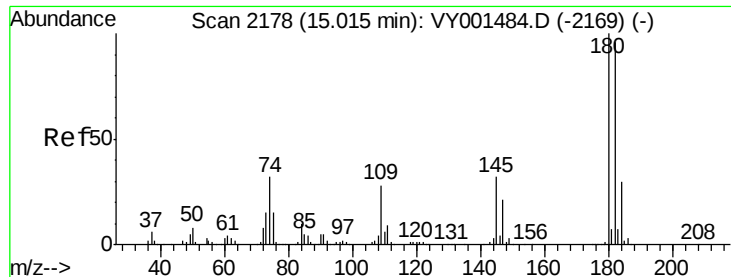


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

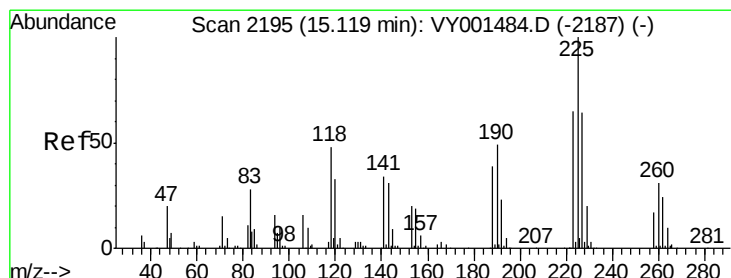
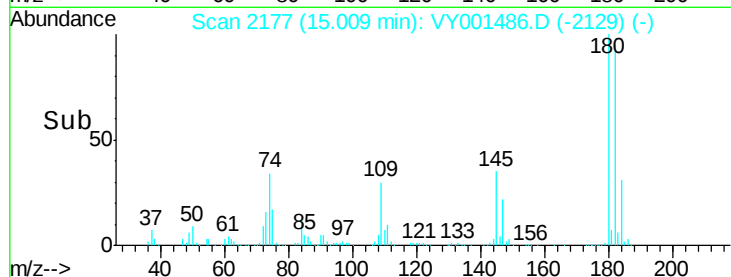
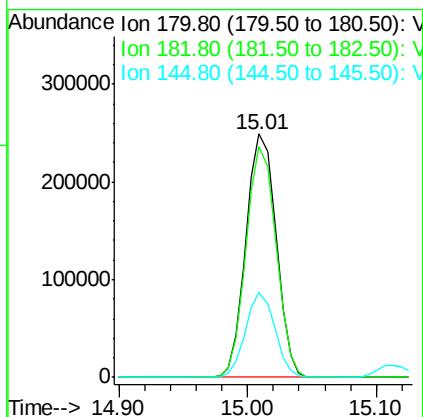
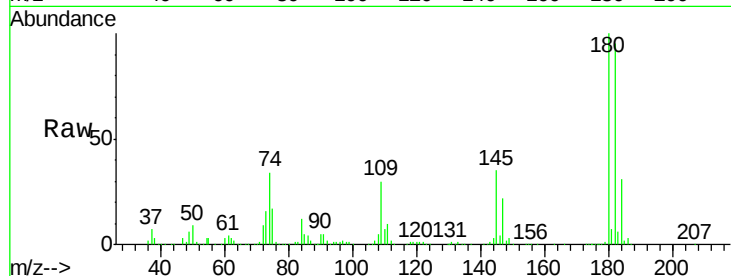




#93
1,2,4-Trichlorobenzene
Concen: 134.89 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

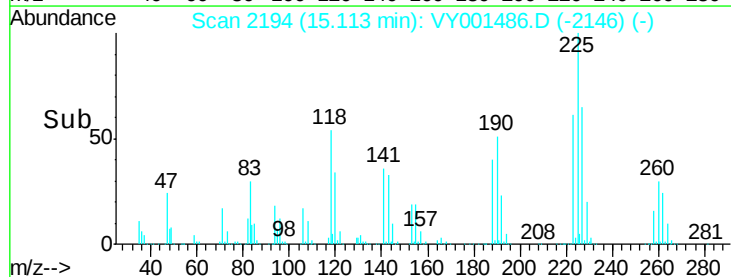
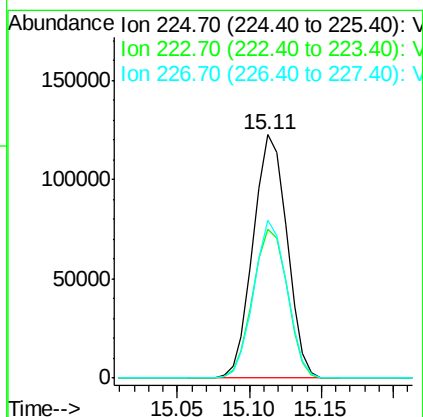
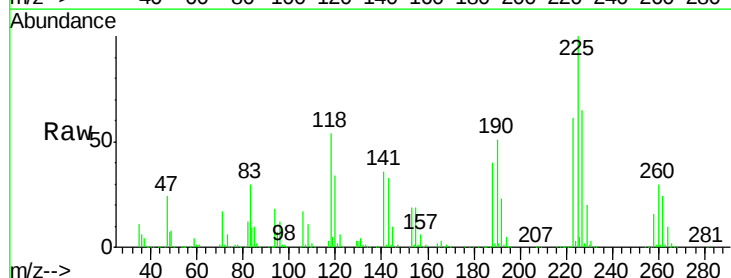
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

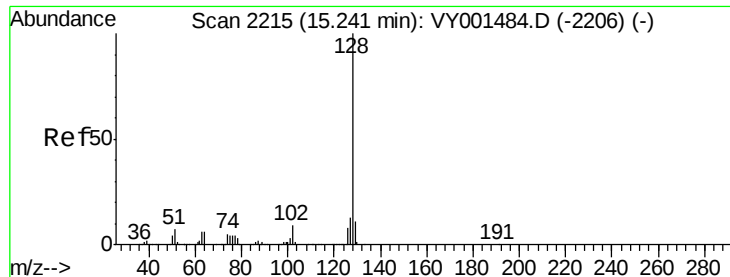
Tgt Ion:180 Resp: 402622
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.7
145 33.9 16.8 50.3



#94
Hexachlorobutadiene
Concen: 131.57 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:225 Resp: 199317
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 63.6 32.6 97.7

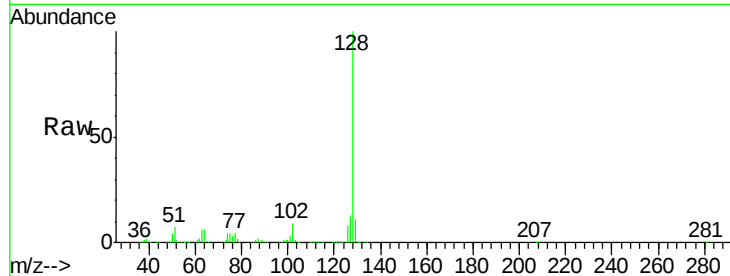




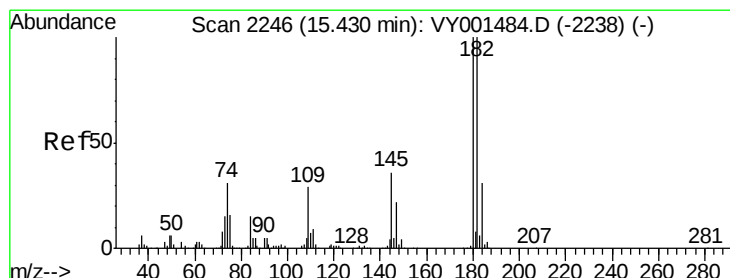
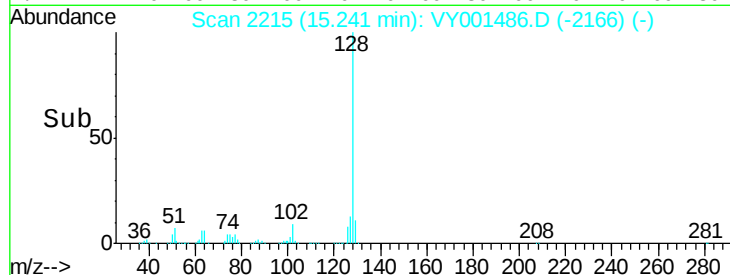
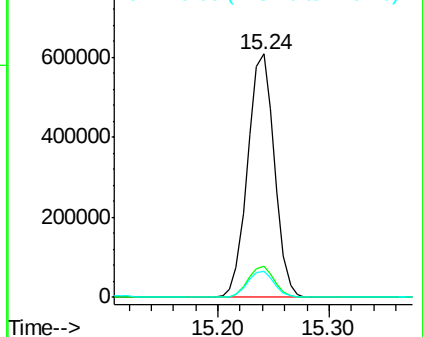
#95
Naphthalene
Concen: 145.14 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1018129
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.9 13.3

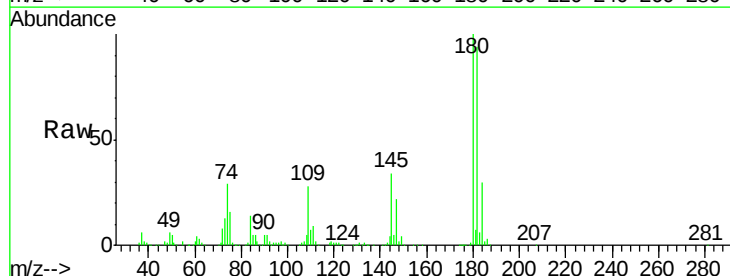


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 138.83 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:180 Resp: 365781
Ion Ratio Lower Upper
180 100
182 94.2 48.0 144.2
145 35.4 17.8 53.5



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

