

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030420\
 Data File : VY001846.D
 Acq On : 04 Mar 2020 11:54
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 04 17:26:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 17:21:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	182995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	335002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132941	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	192156	98.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.20%	
35) Dibromofluoromethane	7.75	113	180168	98.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.90%	
50) Toluene-d8	10.19	98	755275	98.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.00%	
62) 4-Bromofluorobenzene	12.49	95	259480	97.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.04%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.91	85	154885	93.14	ug/l	99
3) Chloromethane	2.13	50	207725	93.47	ug/l	99
4) Vinyl Chloride	2.26	62	215669	95.12	ug/l	99
5) Bromomethane	2.66	94	133862	90.10	ug/l	97
6) Chloroethane	2.81	64	137584	95.78	ug/l	97
7) Trichlorofluoromethane	3.15	101	290196	92.96	ug/l	96
8) Diethyl Ether	3.55	74	120405	99.21	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	191140	96.40	ug/l	99
10) Methyl Iodide	4.11	142	246028	106.92	ug/l	99
11) Tert butyl alcohol	5.00	59	100037	445.36	ug/l	100
12) 1,1-Dichloroethene	3.90	96	194031	96.96	ug/l	97
13) Acrolein	3.75	56	128519	472.28	ug/l	96
14) Allyl chloride	4.51	41	349327	97.59	ug/l	100
15) Acrylonitrile	5.20	53	328599	506.84	ug/l	100
16) Acetone	3.97	43	304625	547.38	ug/l	98
17) Carbon Disulfide	4.22	76	657947	98.19	ug/l	100
18) Methyl Acetate	4.50	43	142300	99.81	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	543391	100.24	ug/l	95
20) Methylene Chloride	4.75	84	220487	91.44	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	222463	98.30	ug/l	98
22) Diisopropyl ether	6.15	45	701643	97.13	ug/l	97
23) Vinyl Acetate	6.10	43	2389044	503.57	ug/l	97
24) 1,1-Dichloroethane	6.05	63	380894	97.49	ug/l	98
25) 2-Butanone	7.02	43	447122	521.60	ug/l	100
26) 2,2-Dichloropropane	7.01	77	315329	97.08	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	244486	99.48	ug/l	99
28) Bromochloromethane	7.36	49	175696	98.26	ug/l	96
29) Tetrahydrofuran	7.38	42	282042	499.80	ug/l	98
30) Chloroform	7.53	83	361156	97.51	ug/l	98
31) Cyclohexane	7.81	56	390442	92.70	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	306377	97.88	ug/l	99
36) 1,1-Dichloropropene	7.94	75	304038	96.62	ug/l	99
37) Ethyl Acetate	7.10	43	185438	98.95	ug/l	99
38) Carbon Tetrachloride	7.92	117	264173	98.10	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	413429	98.30	ug/l	99
40) Benzene	8.19	78	907933	97.06	ug/l	100
41) Methacrylonitrile	7.37	41	247704	111.70	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	234010	96.92	ug/l	100
43) Isopropyl Acetate	8.30	43	349999	100.41	ug/l	100
44) Trichloroethene	8.96	130	219605	96.18	ug/l	99
45) 1,2-Dichloropropane	9.24	63	229169	97.08	ug/l	99
46) Dibromomethane	9.32	93	119652	97.83	ug/l	99
47) Bromodichloromethane	9.52	83	280698	99.29	ug/l	97
48) Methyl methacrylate	9.31	41	157987	100.02	ug/l	96
49) 1,4-Dioxane	9.32	88	31735	1967.82	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	905559	504.16	ug/l	99
52) Toluene	10.26	92	558685	98.50	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	314567	101.88	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	367953	99.99	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	175120	98.13	ug/l	98
56) Ethyl methacrylate	10.52	69	272474	104.78	ug/l	100
57) 1,3-Dichloropropane	10.80	76	310369	98.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	454538	430.86	ug/l	100
59) 2-Hexanone	10.85	43	664200	520.08	ug/l	98
60) Dibromochloromethane	11.00	129	192643	102.71	ug/l	99
61) 1,2-Dibromoethane	11.10	107	168961	101.30	ug/l	99
64) Tetrachloroethene	10.73	164	174787	95.31	ug/l	97
65) Chlorobenzene	11.53	112	564296	97.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	186873	98.74	ug/l	99
67) Ethyl Benzene	11.60	91	1050786	96.89	ug/l	99
68) m/p-Xylenes	11.71	106	776142	193.38	ug/l	100
69) o-Xylene	12.04	106	367088	97.24	ug/l	99
70) Styrene	12.05	104	646403	98.99	ug/l	100
71) Bromoform	12.22	173	109773	106.03	ug/l #	99
73) Isopropylbenzene	12.34	105	989505	99.11	ug/l	99
74) N-amyl acetate	12.16	43	314604	102.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	222044	103.17	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	283694	112.32	ug/l #	100
77) Bromobenzene	12.62	156	207511	97.89	ug/l	100
78) n-propylbenzene	12.68	91	1213946	98.58	ug/l	100
79) 2-Chlorotoluene	12.77	91	670893	98.51	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	807443	98.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	84201	108.98	ug/l	99
82) 4-Chlorotoluene	12.86	91	695570	98.61	ug/l	100
83) tert-Butylbenzene	13.08	119	663788	97.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	797751	97.60	ug/l	99
85) sec-Butylbenzene	13.27	105	995884	98.74	ug/l	100
86) p-Isopropyltoluene	13.38	119	849782	98.10	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	394080	94.62	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	402431	96.12	ug/l	100
89) n-Butylbenzene	13.70	91	872960	97.69	ug/l	99
90) Hexachloroethane	13.97	117	163910	100.99	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	369323	98.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	35362	105.61	ug/l	96

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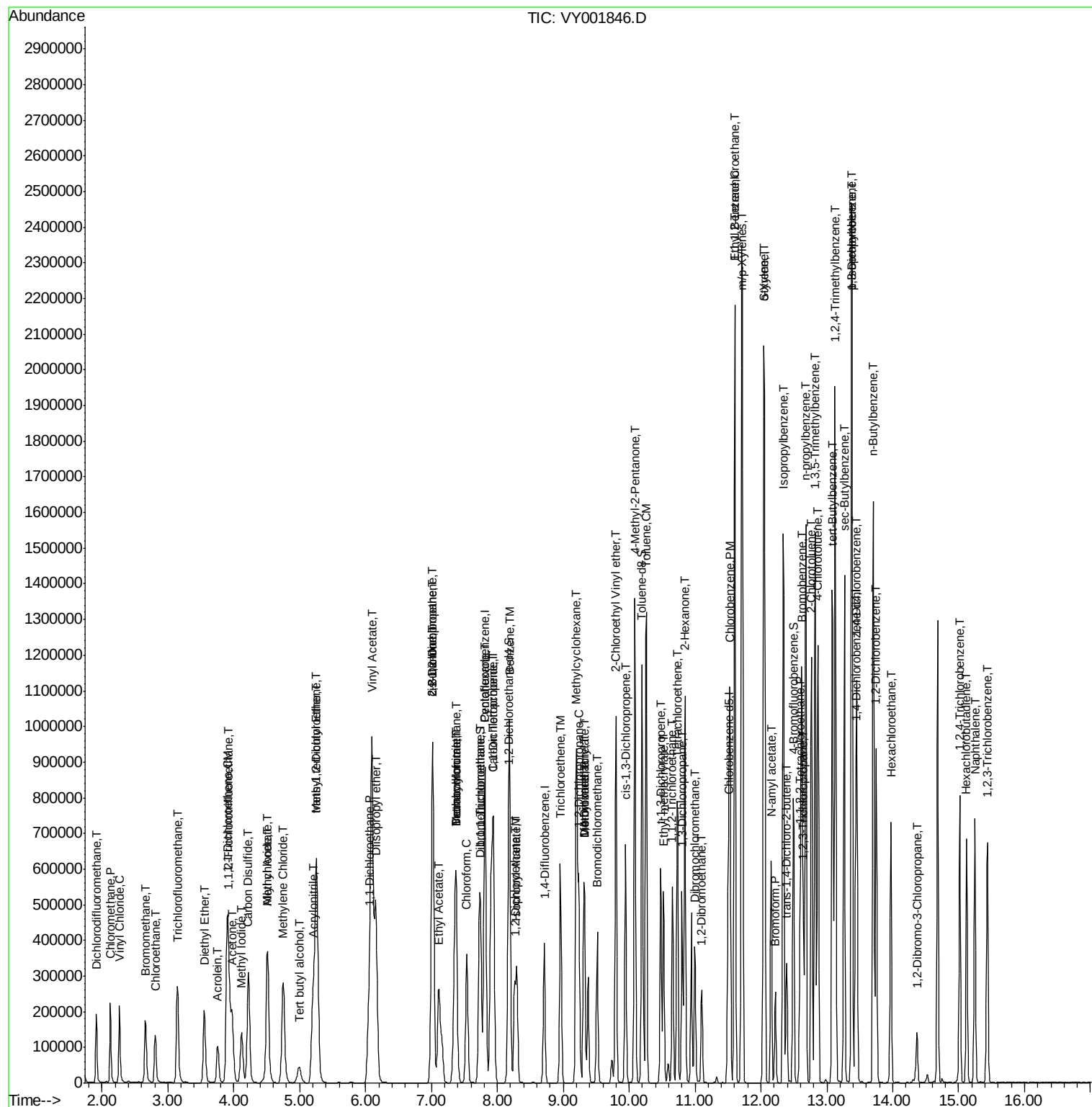
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	233385	95.21	ug/l	97
94) Hexachlorobutadiene	15.12	225	113037	94.80	ug/l	99
95) Naphthalene	15.25	128	589068	102.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	211728	97.77	ug/l	99

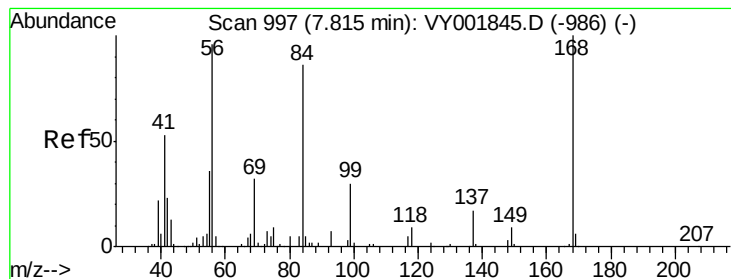
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Acq On : 04 Mar 2020 11:54
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

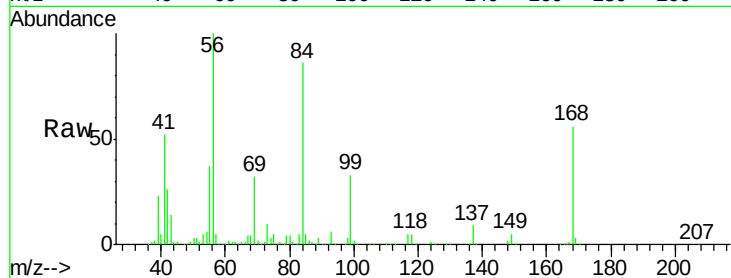
VSTDIC100

Tgt Ion:168 Resp: 182995

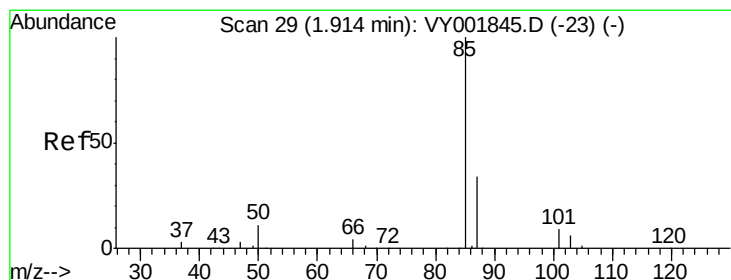
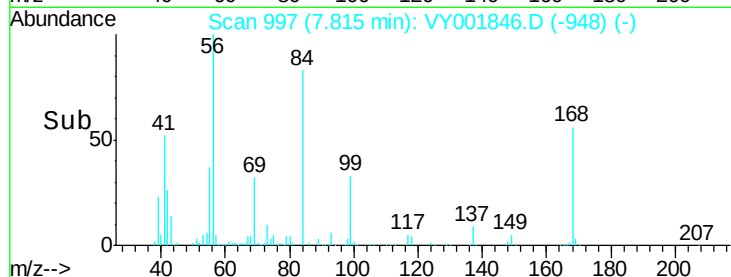
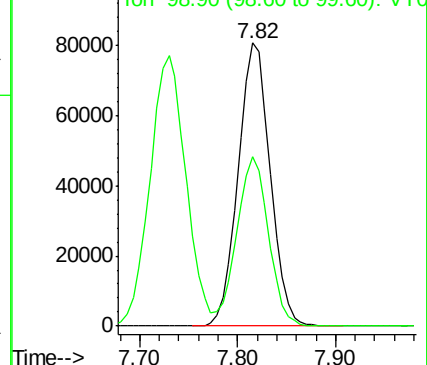
Ion Ratio Lower Upper

168 100

99 59.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 93.14 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001846.D

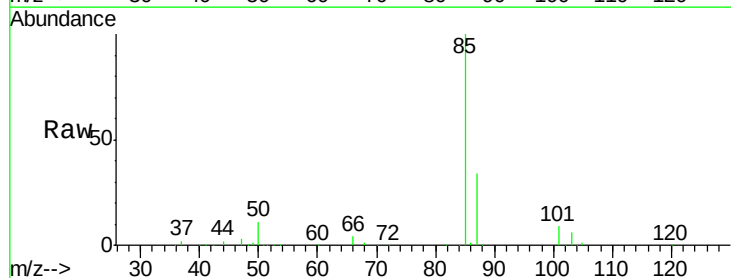
Acq: 04 Mar 2020 11:54

Tgt Ion: 85 Resp: 154885

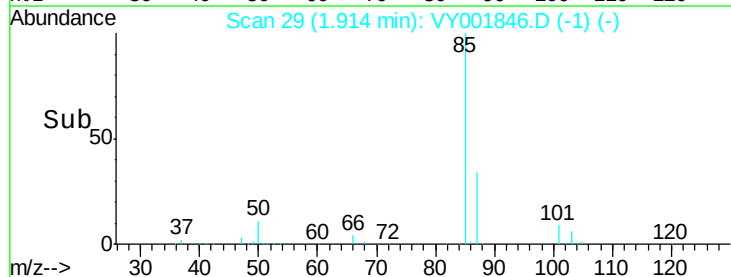
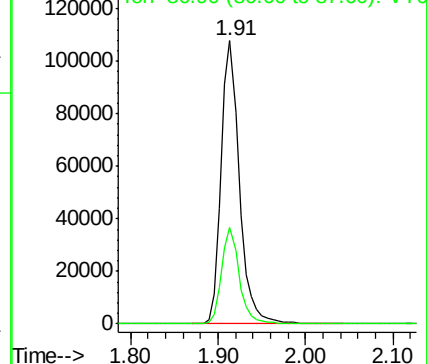
Ion Ratio Lower Upper

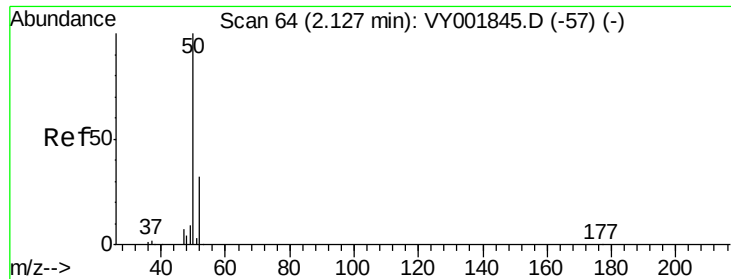
85 100

87 33.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 93.47 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

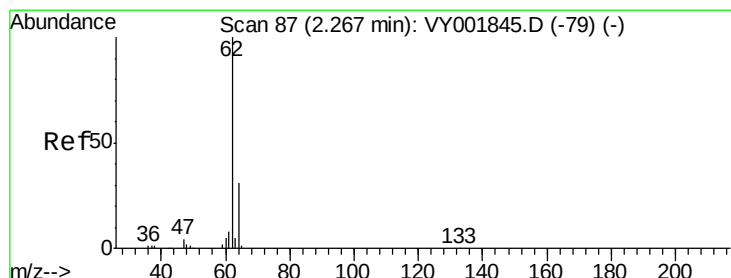
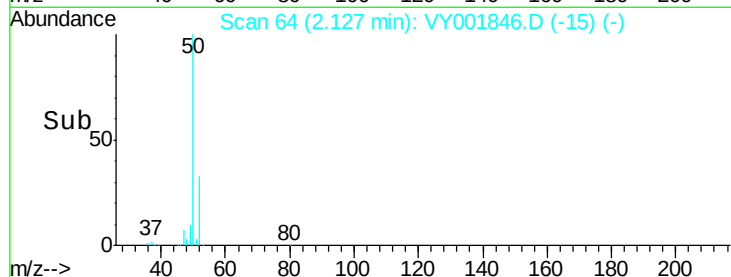
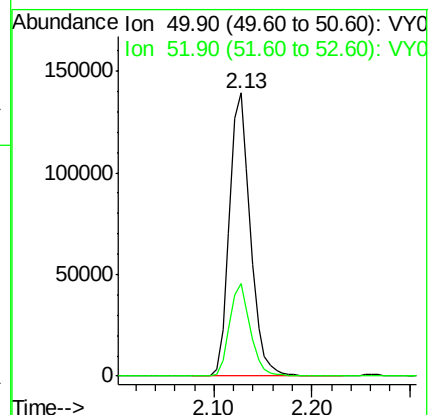
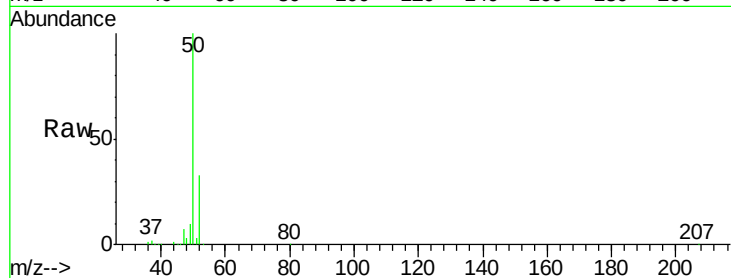
VSTDIC100

Tgt Ion: 50 Resp: 207725

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.6



#4

Vinyl Chloride

Concen: 95.12 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001846.D

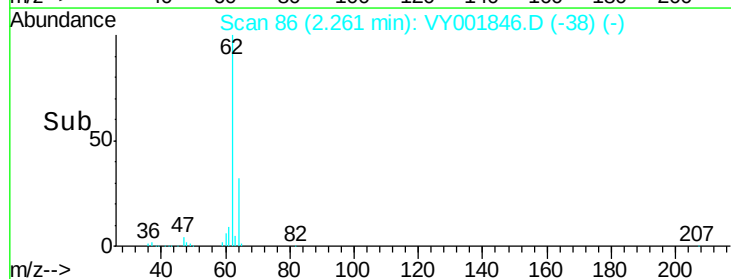
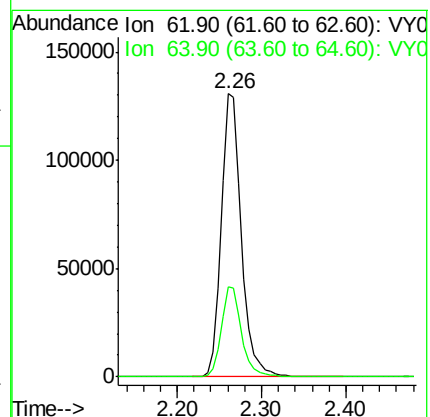
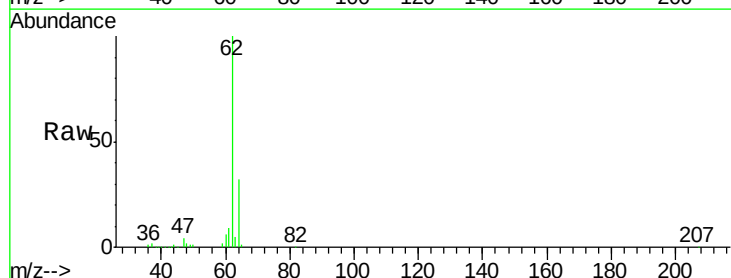
Acq: 04 Mar 2020 11:54

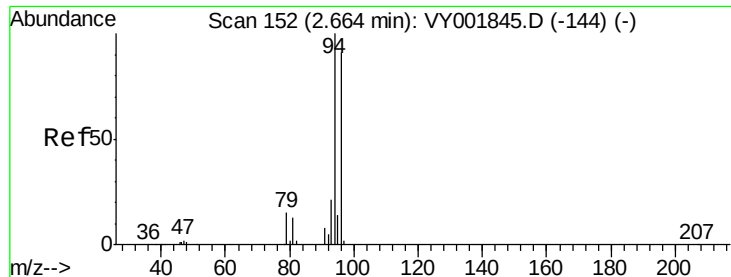
Tgt Ion: 62 Resp: 215669

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 90.10 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

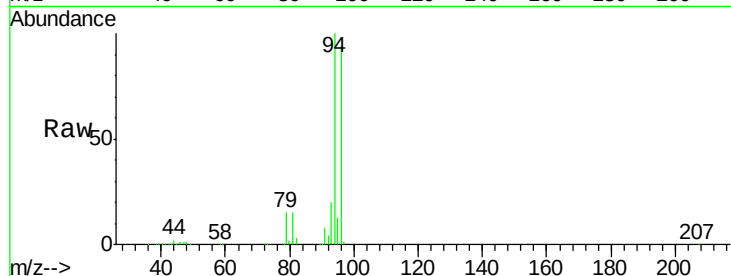
VSTDIC100

Tgt Ion: 94 Resp: 133862

Ion Ratio Lower Upper

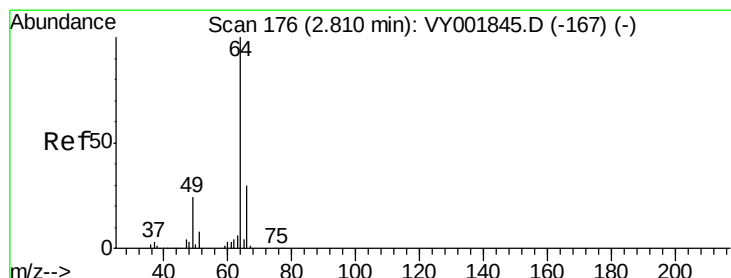
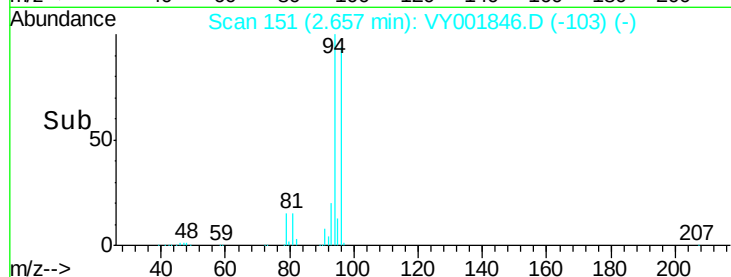
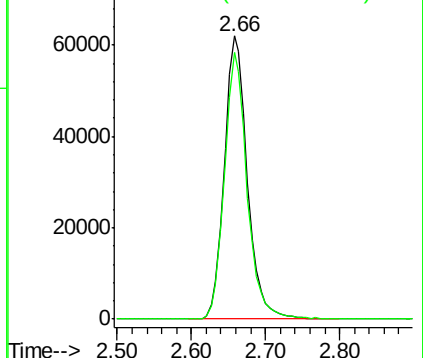
94 100

96 94.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 95.78 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001846.D

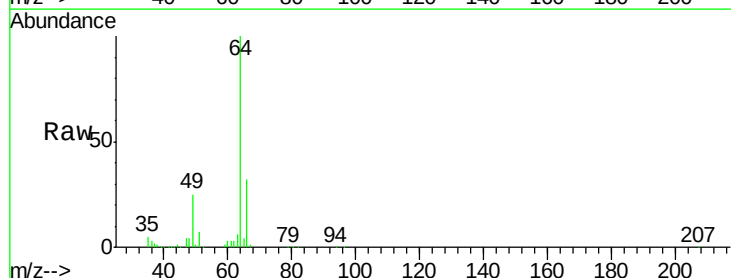
Acq: 04 Mar 2020 11:54

Tgt Ion: 64 Resp: 137584

Ion Ratio Lower Upper

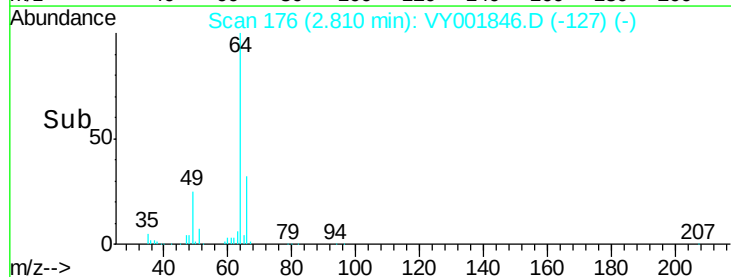
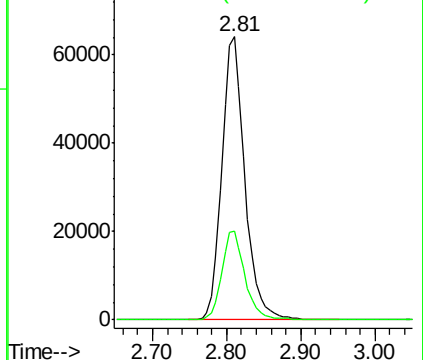
64 100

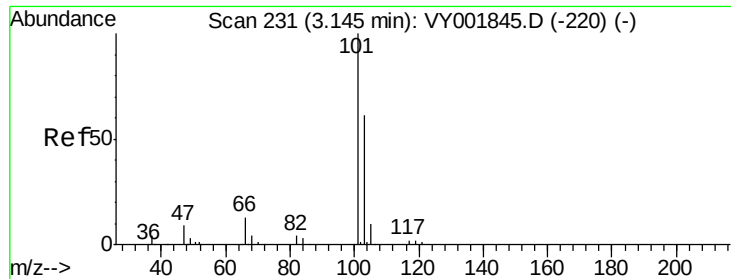
66 31.6 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



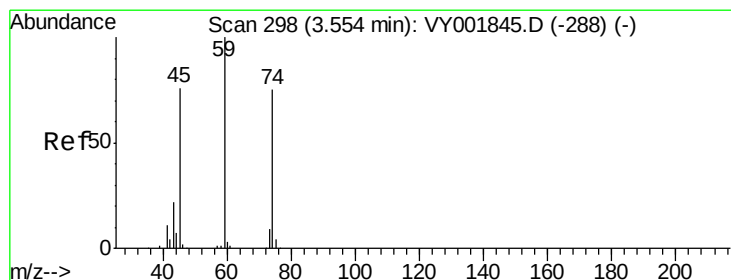
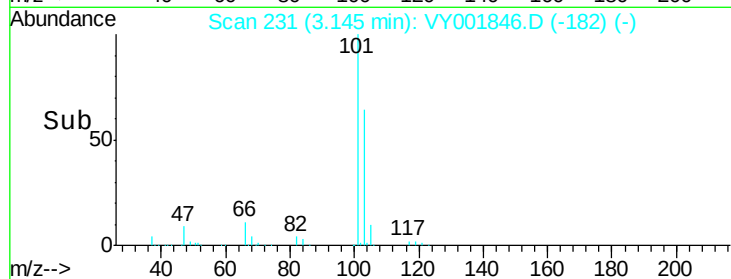
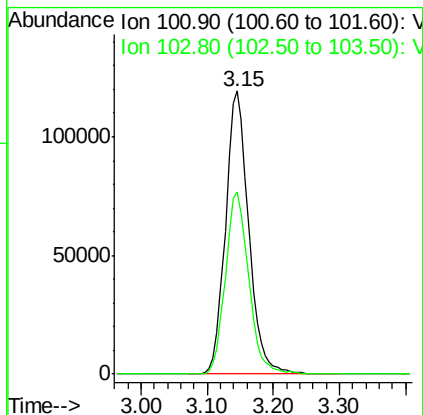
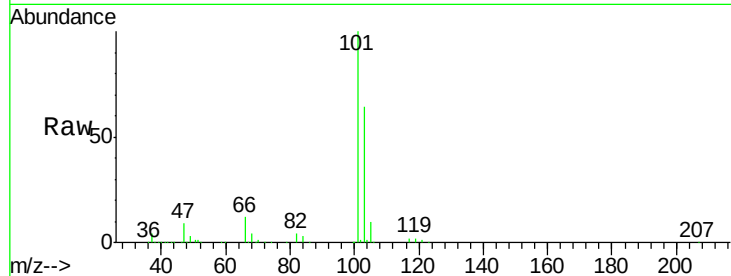


#7

Trichlorofluoromethane
 Concen: 92.96 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Instrument :
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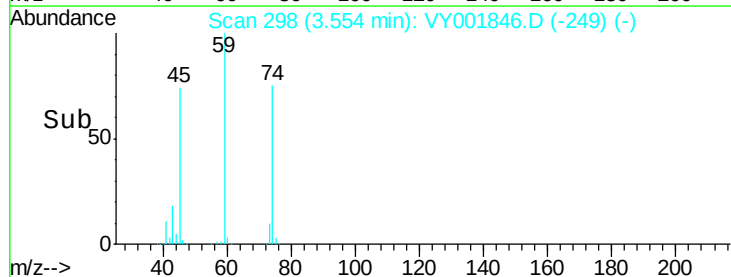
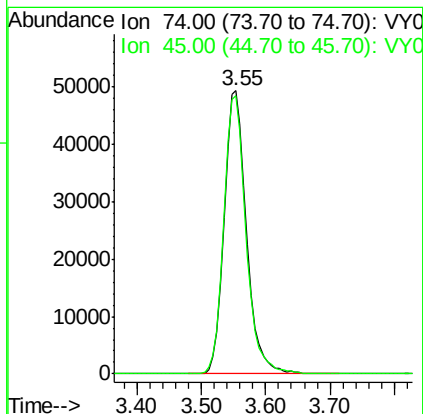
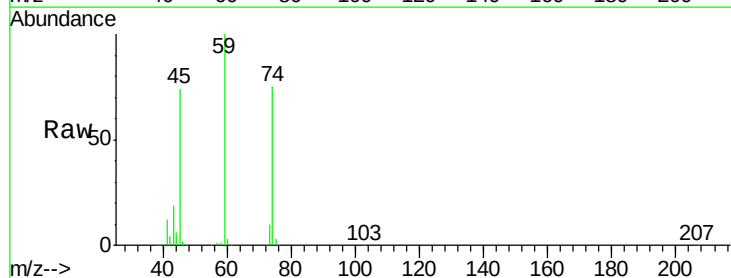
Tgt Ion: 101 Resp: 290196
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.1 73.7

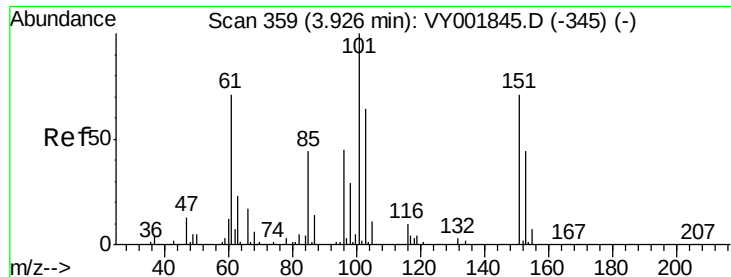


#8

Diethyl Ether
 Concen: 99.21 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 74 Resp: 120405
 Ion Ratio Lower Upper
 74 100
 45 98.6 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.40 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

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VSTDIC100

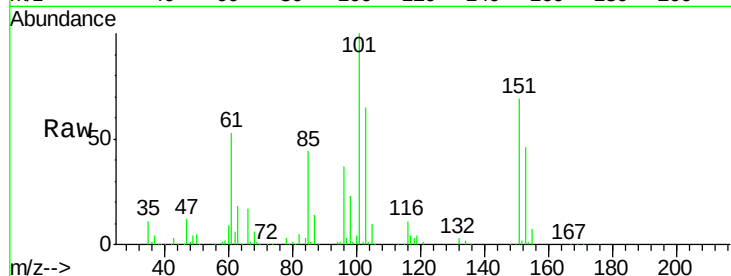
Tgt Ion:101 Resp: 191140

Ion Ratio Lower Upper

101 100

85 43.7 35.3 52.9

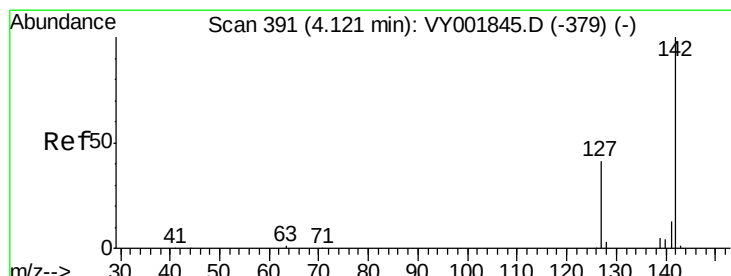
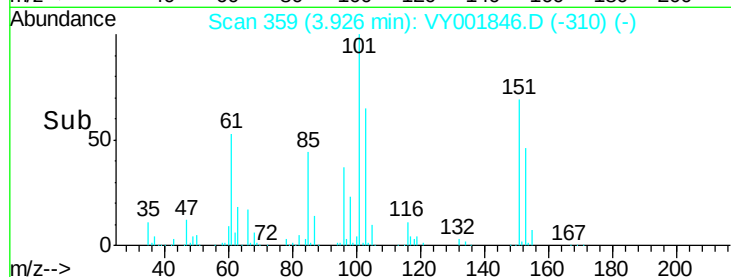
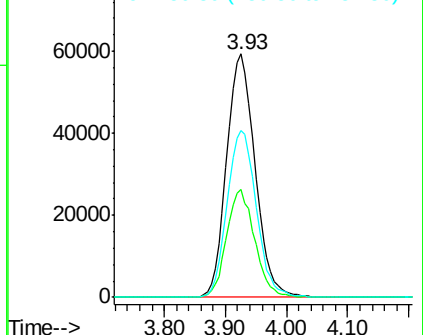
151 70.0 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 106.92 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

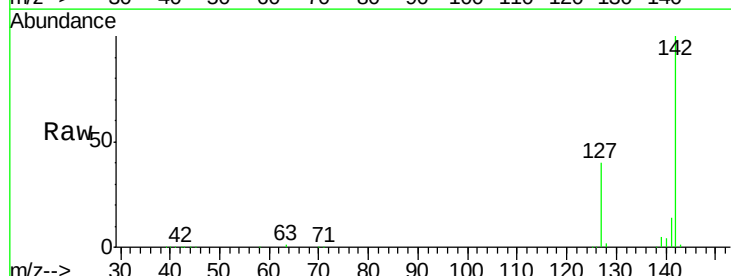
Tgt Ion:142 Resp: 246028

Ion Ratio Lower Upper

142 100

127 40.4 32.7 49.1

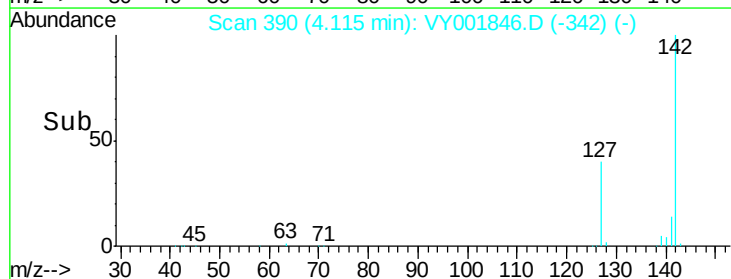
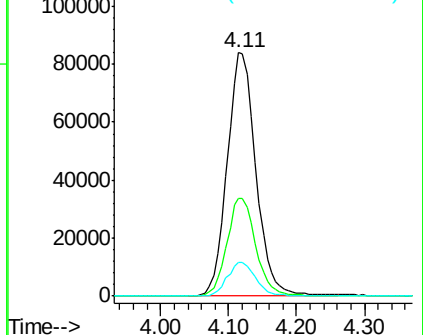
141 13.9 11.0 16.6

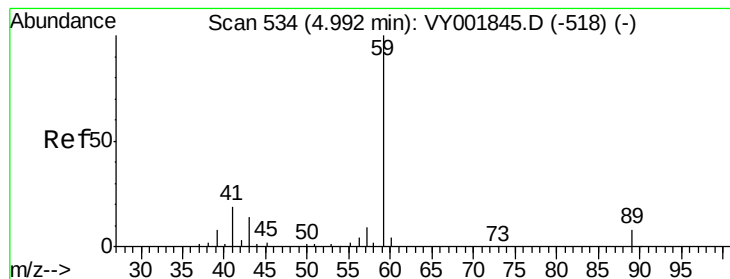


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



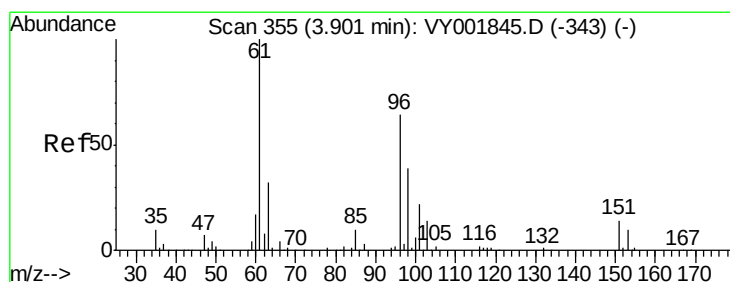
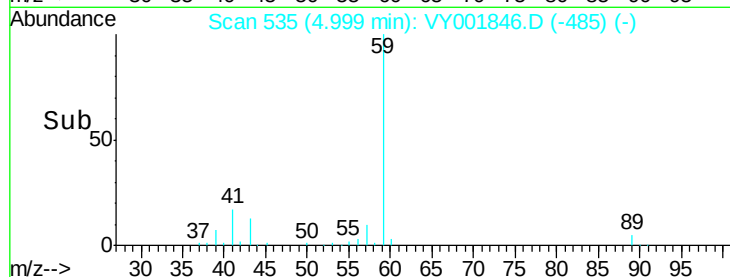
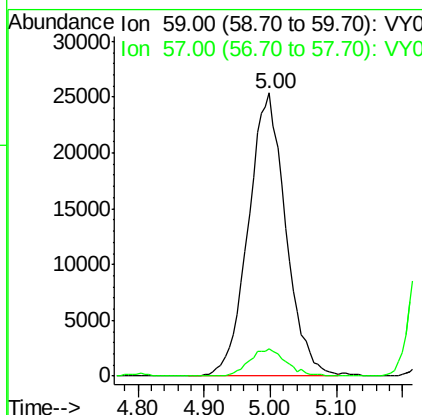
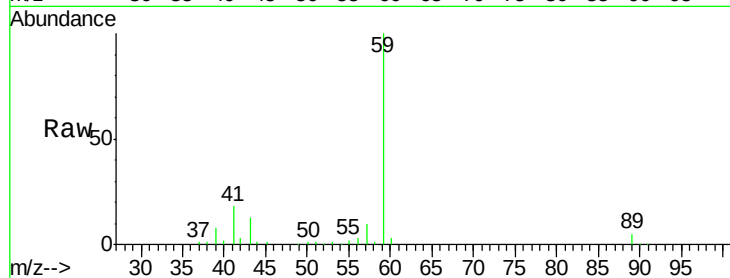


#11

Tert butyl alcohol
Concen: 445.36 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

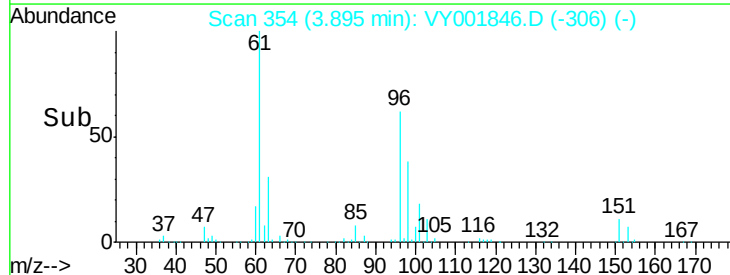
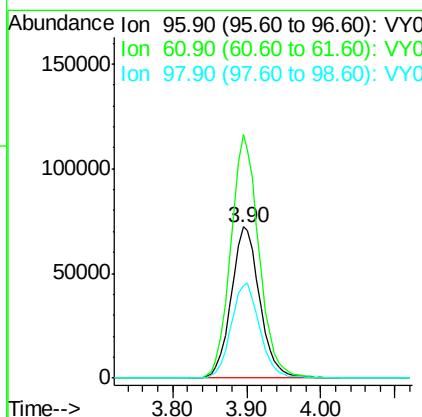
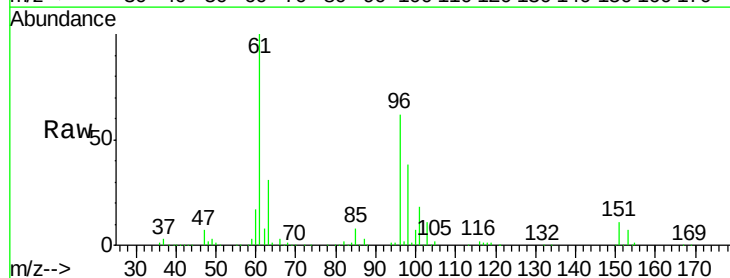
Tgt Ion: 59 Resp: 100037
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2

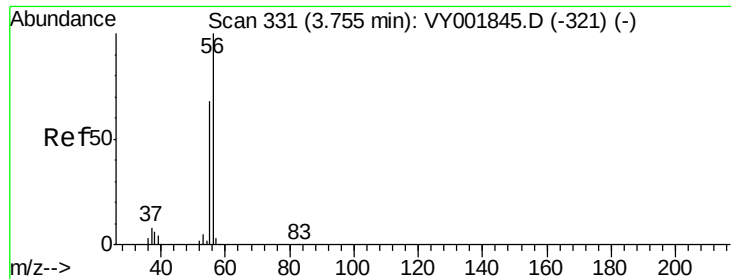


#12

1,1-Dichloroethene
Concen: 96.96 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 96 Resp: 194031
Ion Ratio Lower Upper
96 100
61 161.3 124.8 187.2
98 61.8 49.2 73.8





#13

Acrolein

Concen: 472.28 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampled :

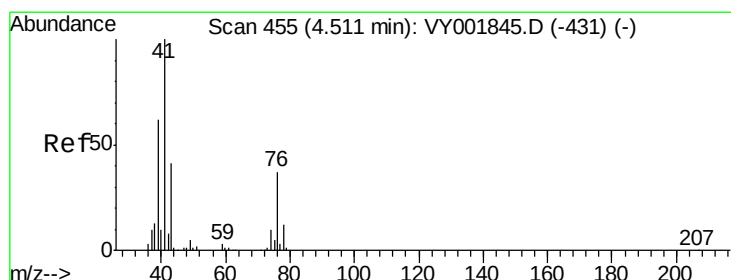
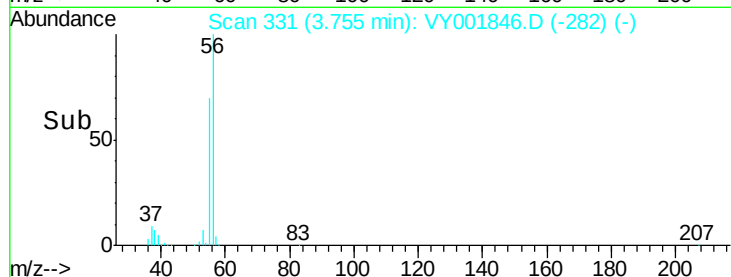
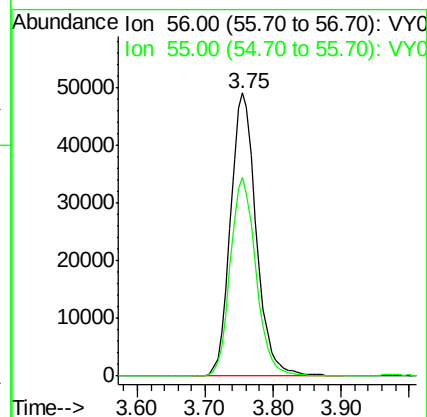
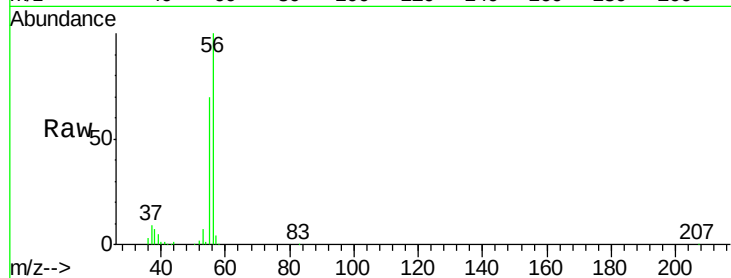
VSTDIC100

Tgt Ion: 56 Resp: 128519

Ion Ratio Lower Upper

56 100

55 70.4 54.0 81.0



#14

Allyl chloride

Concen: 97.59 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

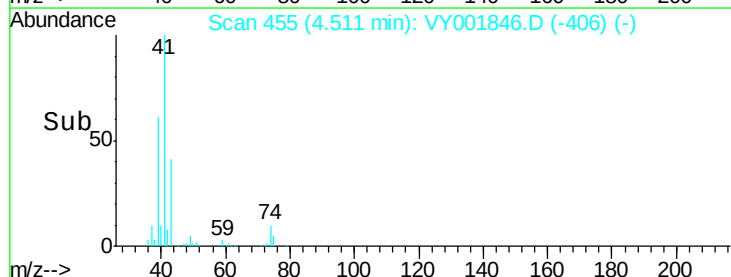
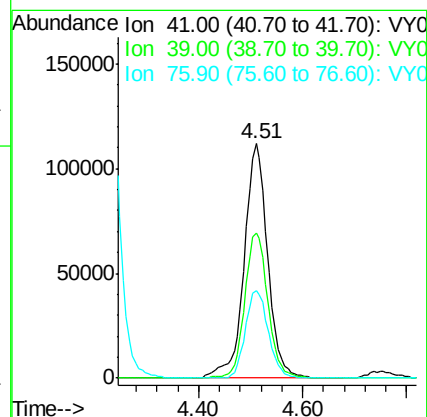
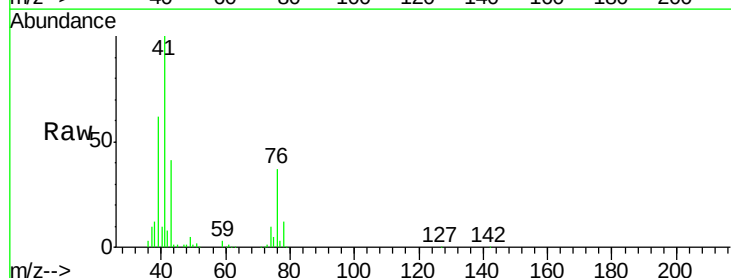
Tgt Ion: 41 Resp: 349327

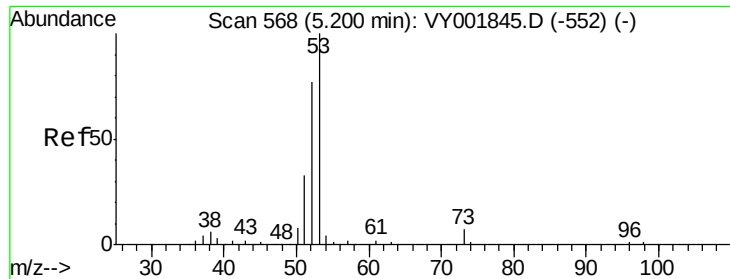
Ion Ratio Lower Upper

41 100

39 61.3 49.0 73.6

76 36.6 28.9 43.3





#15

Acrylonitrile

Concen: 506.84 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

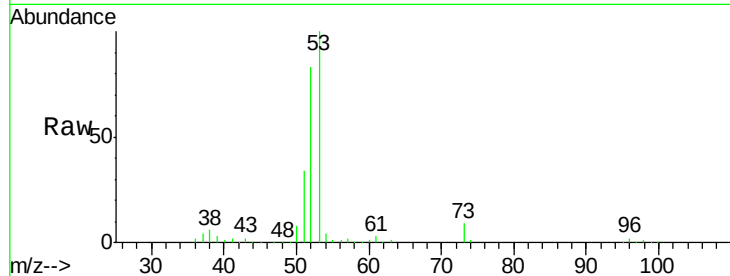
Tgt Ion: 53 Resp: 328599

Ion Ratio Lower Upper

53 100

52 81.1 65.1 97.7

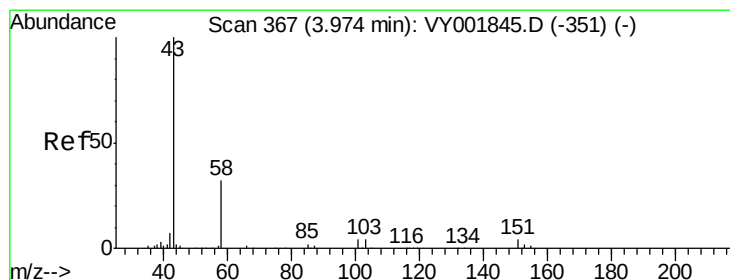
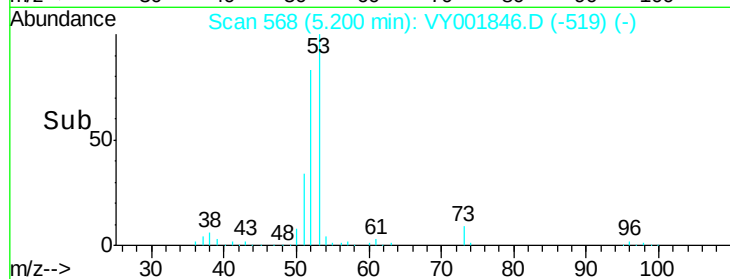
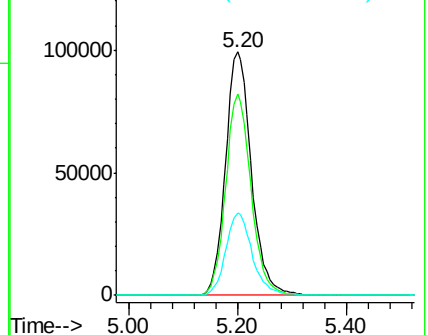
51 34.5 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 547.38 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY001846.D

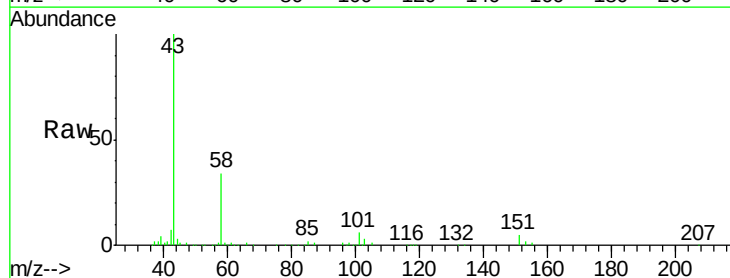
Acq: 04 Mar 2020 11:54

Tgt Ion: 43 Resp: 304625

Ion Ratio Lower Upper

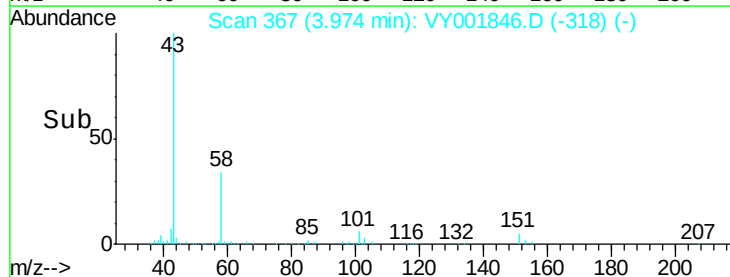
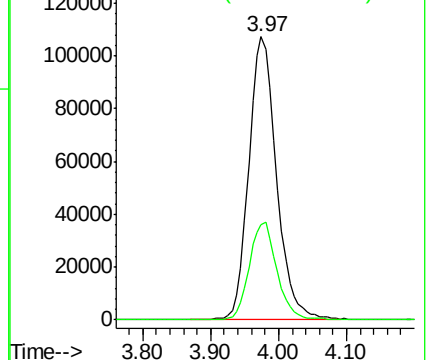
43 100

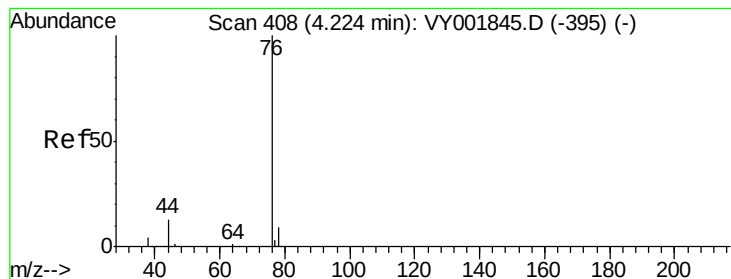
58 33.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 98.19 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

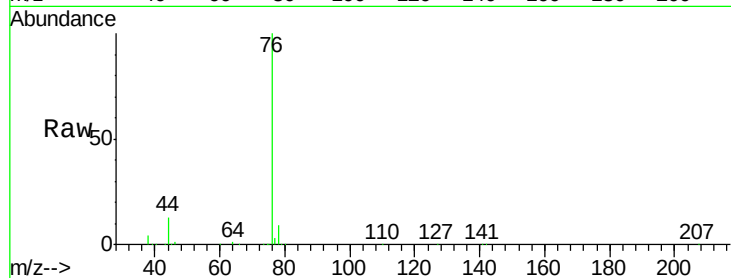
VSTDIC100

Tgt Ion: 76 Resp: 657947

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

250000

200000

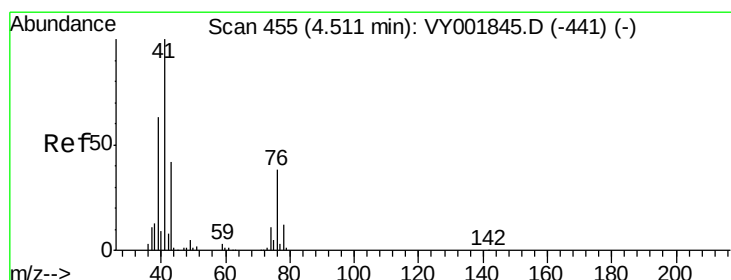
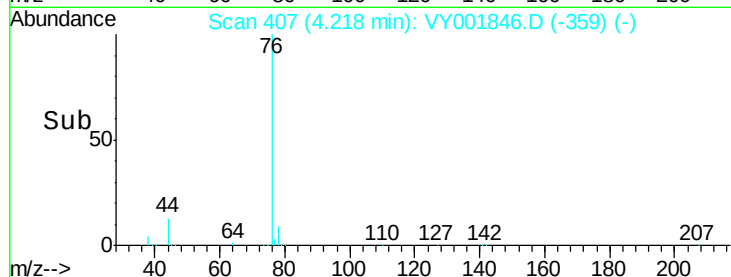
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 99.81 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001846.D

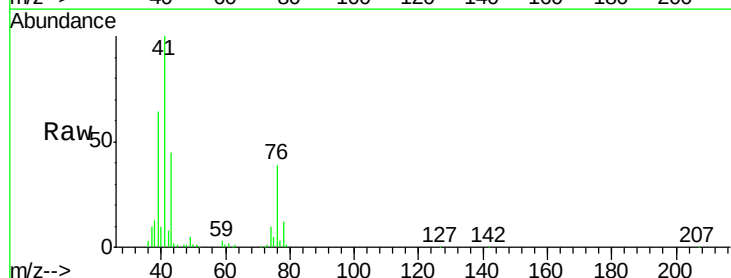
Acq: 04 Mar 2020 11:54

Tgt Ion: 43 Resp: 142300

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

50000

40000

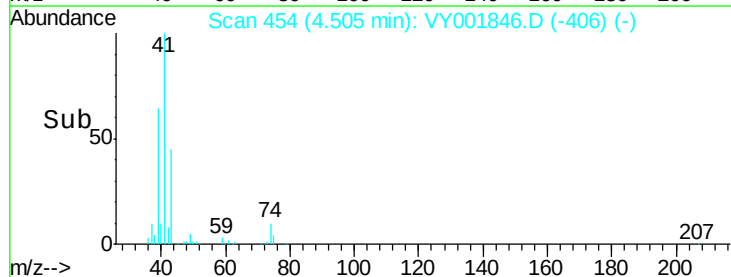
30000

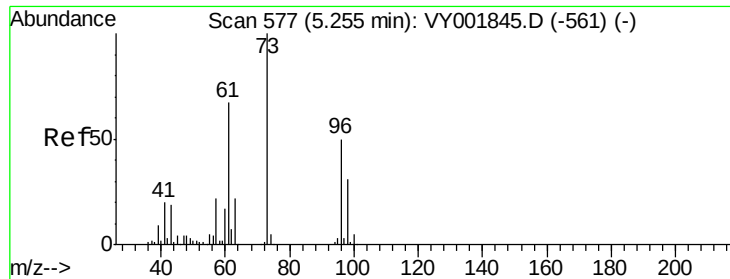
20000

10000

0

Time-->

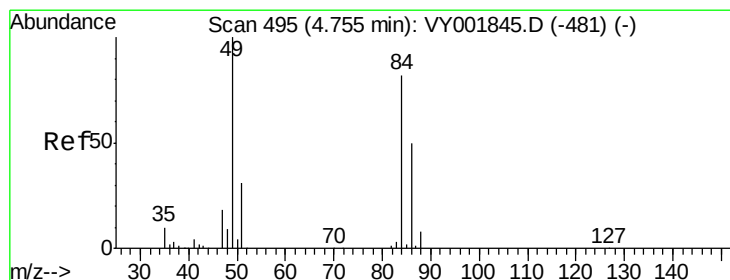
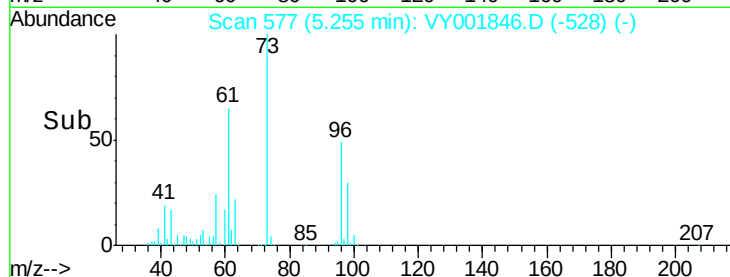
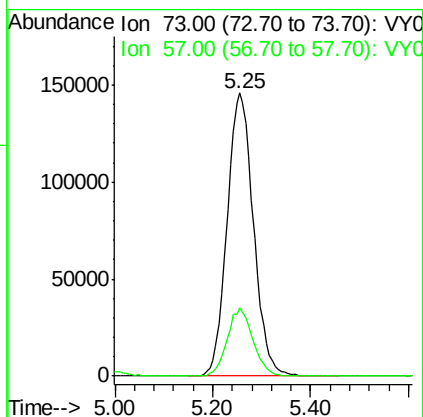
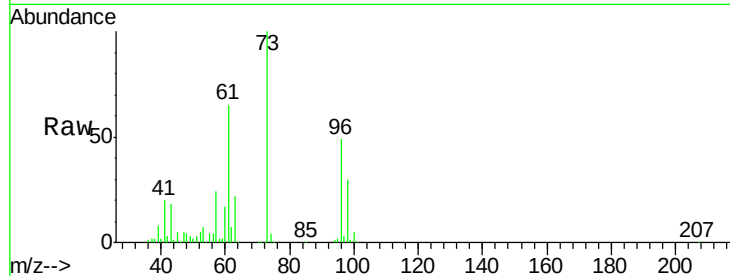




#19
Methyl tert-butyl Ether
Concen: 100.24 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

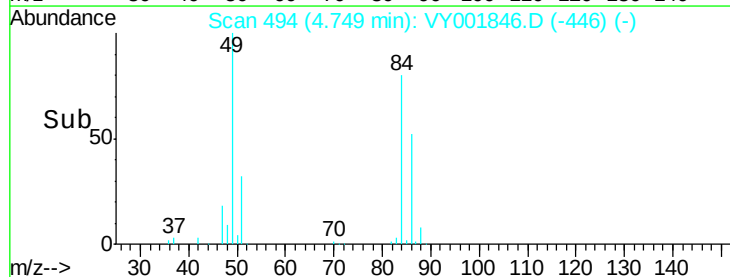
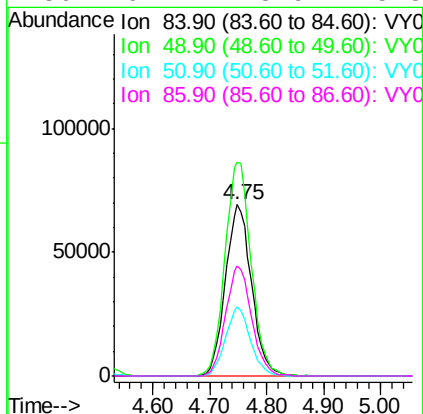
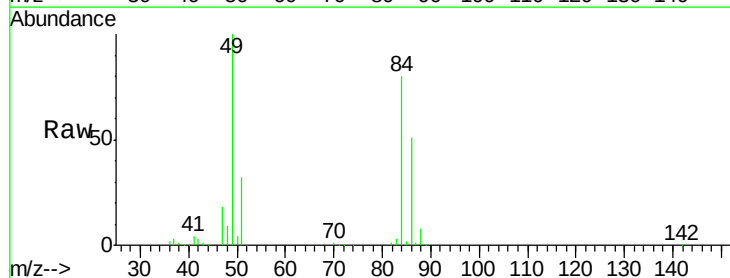
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

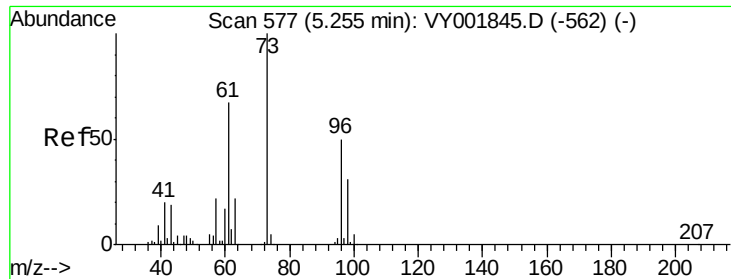
Tgt Ion: 73 Resp: 543391
Ion Ratio Lower Upper
73 100
57 24.2 17.4 26.2



#20
Methylene Chloride
Concen: 91.44 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 84 Resp: 220487
Ion Ratio Lower Upper
84 100
49 124.6 98.2 147.2
51 40.4 30.2 45.2
86 64.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 98.30 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

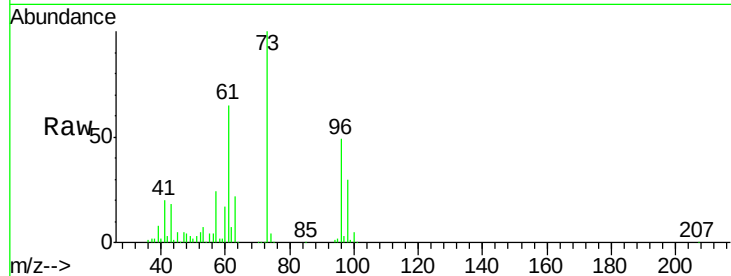
Tgt Ion: 96 Resp: 222463

Ion Ratio Lower Upper

96 100

61 131.7 107.7 161.5

98 61.7 49.3 73.9

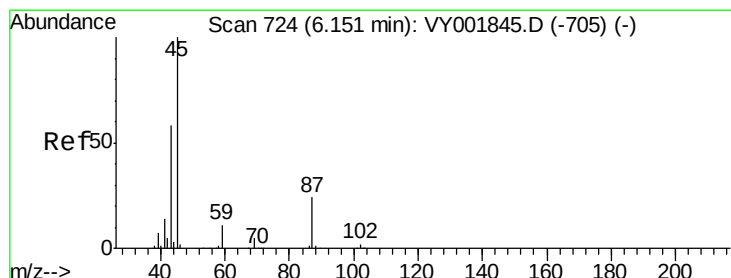
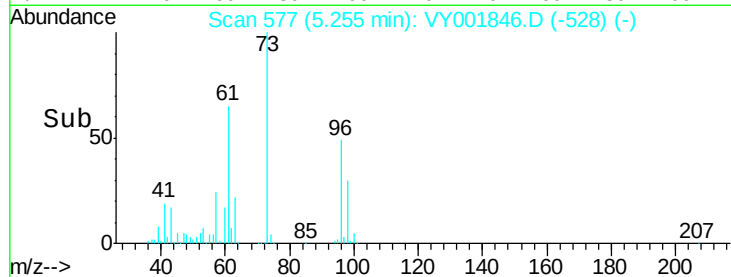
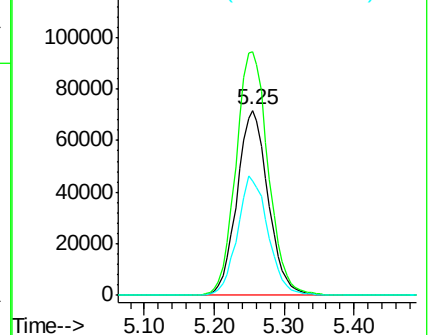


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 97.13 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Tgt Ion: 45 Resp: 701643

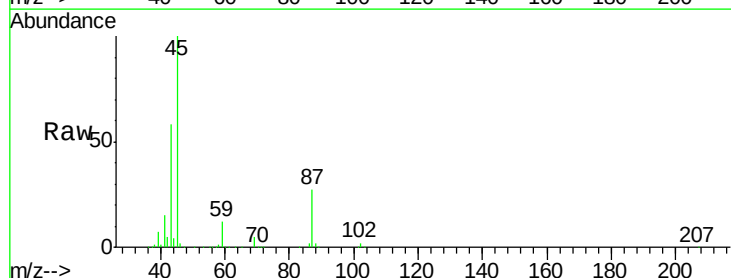
Ion Ratio Lower Upper

45 100

43 57.7 47.2 70.8

87 27.4 19.8 29.8

59 11.6 8.8 13.2



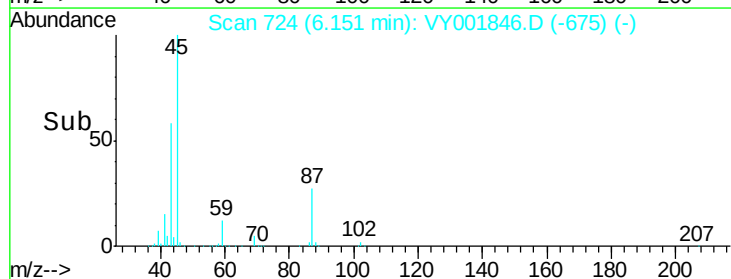
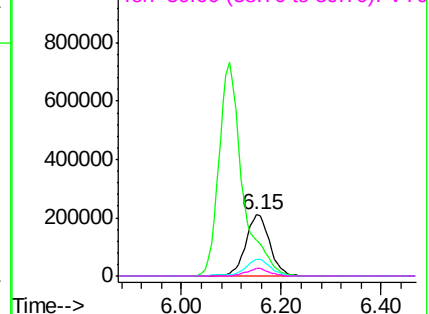
Abundance

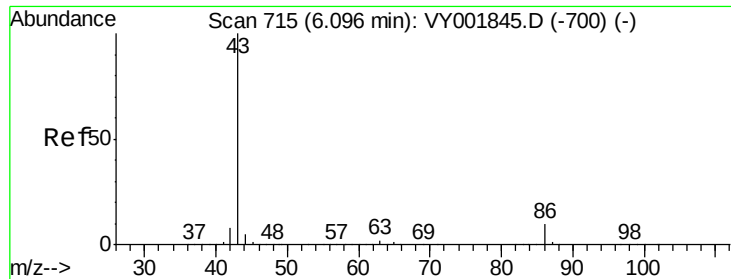
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

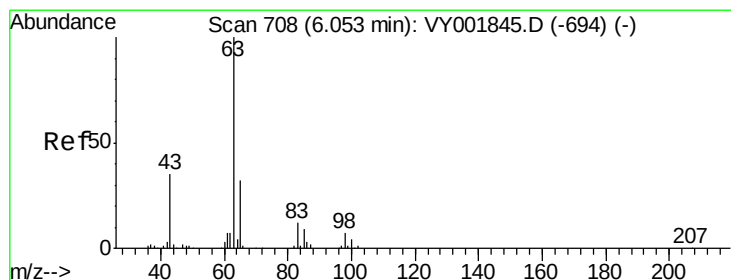
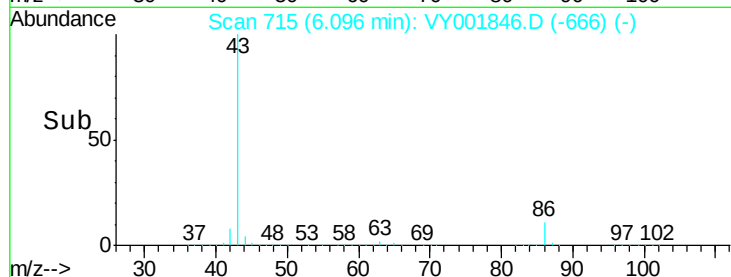
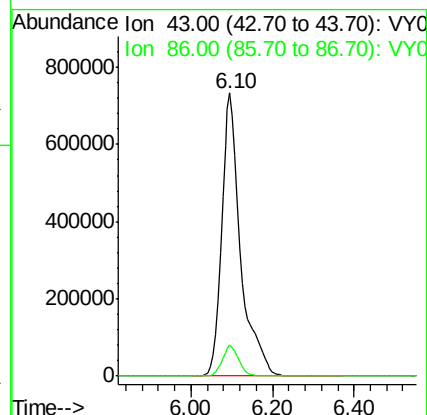
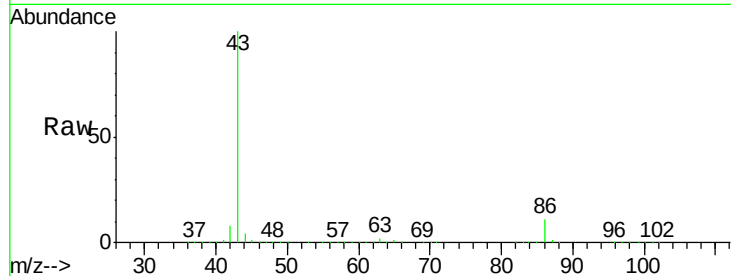




#23
 Vinyl Acetate
 Concen: 503.57 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

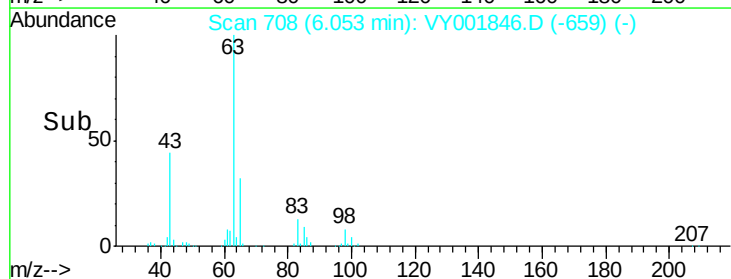
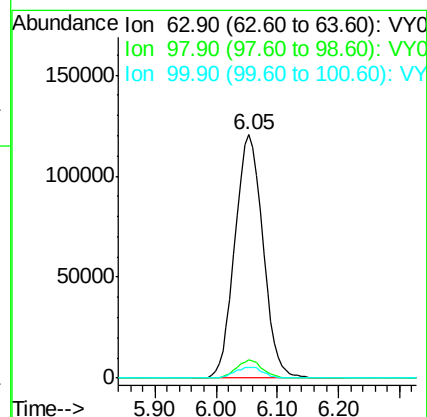
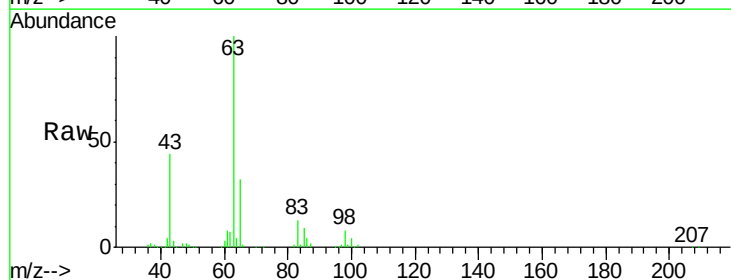
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

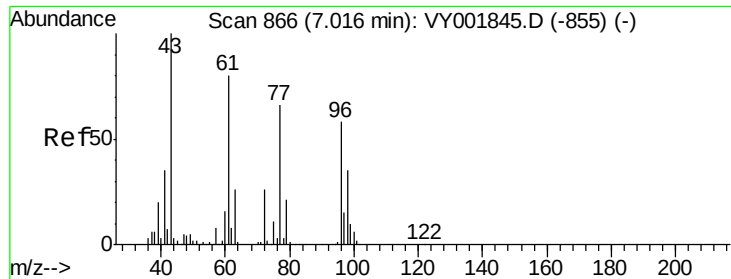
Tgt Ion: 43 Resp: 2389044
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 97.49 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 63 Resp: 380894
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 521.60 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

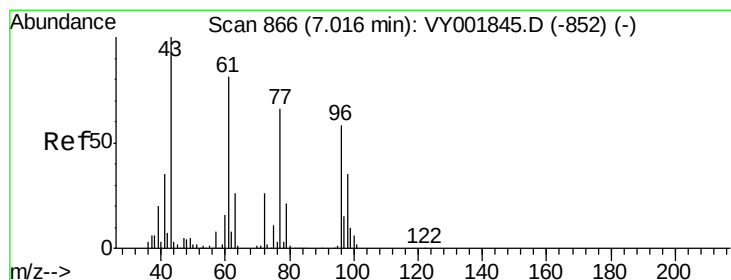
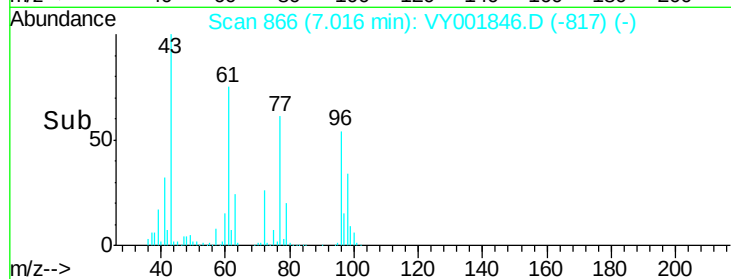
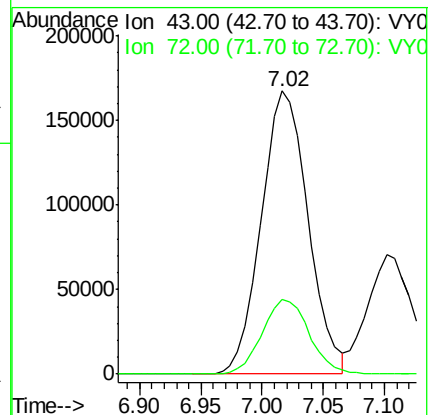
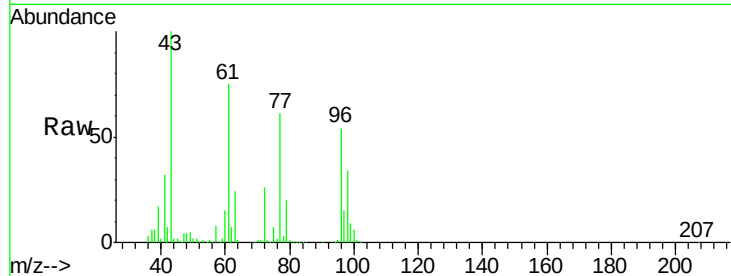
VSTDIC100

Tgt Ion: 43 Resp: 447122

Ion Ratio Lower Upper

43 100

72 26.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 97.08 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001846.D

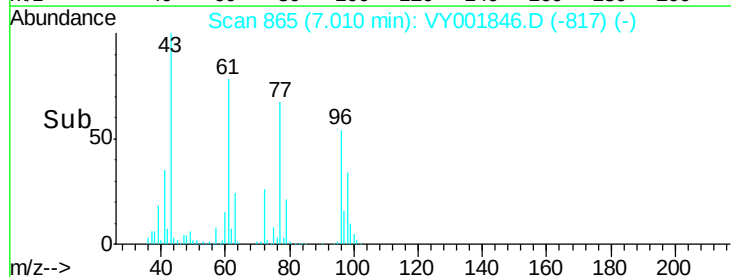
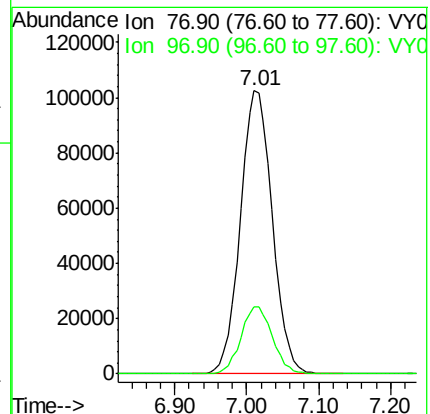
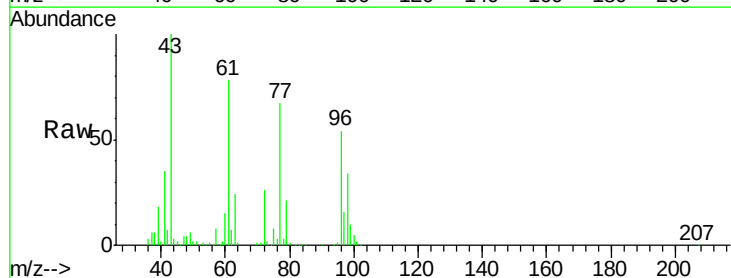
Acq: 04 Mar 2020 11:54

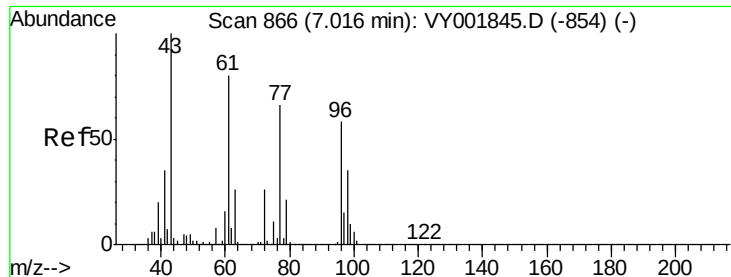
Tgt Ion: 77 Resp: 315329

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 99.48 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

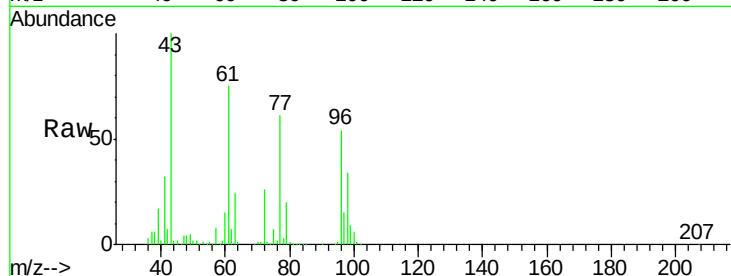
Tgt Ion: 96 Resp: 244486

Ion Ratio Lower Upper

96 100

61 142.3 0.0 288.2

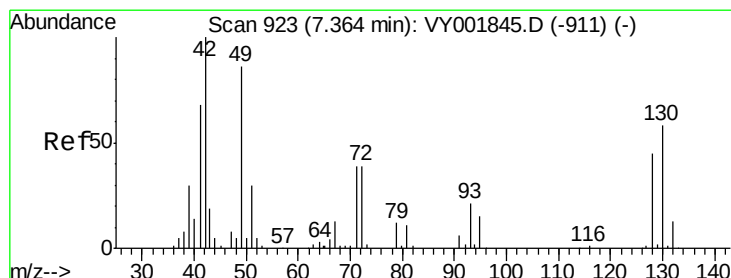
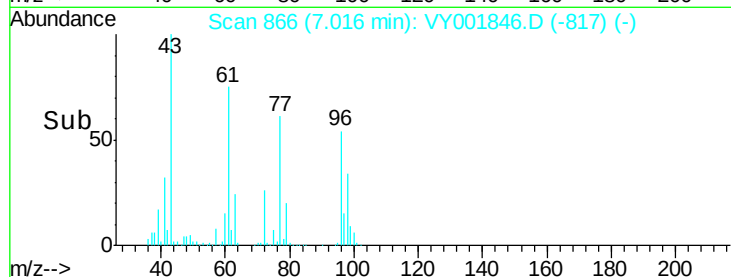
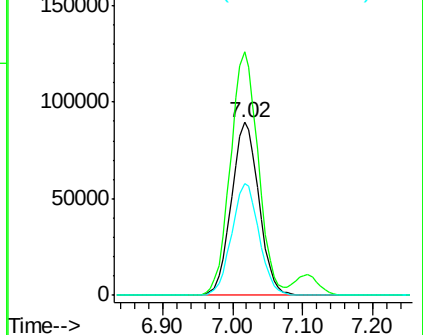
98 64.3 0.0 129.0



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: 98.26 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

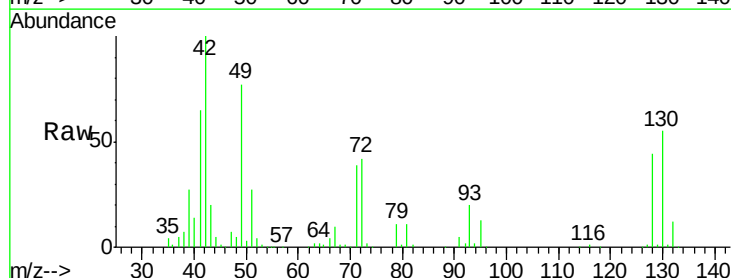
Tgt Ion: 49 Resp: 175696

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

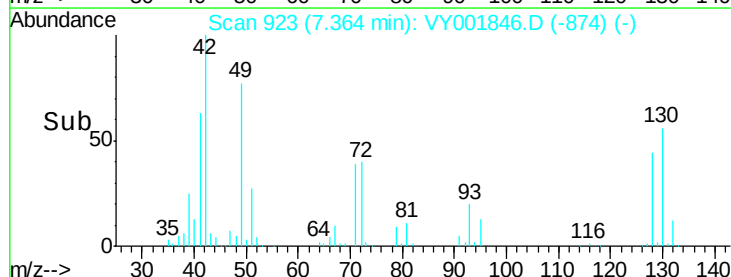
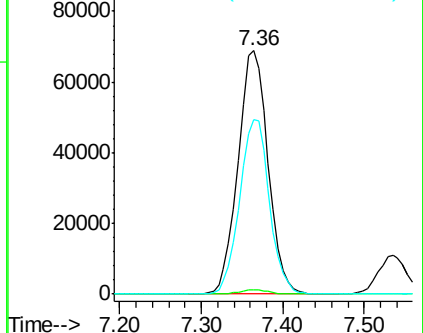
130 71.3 54.4 81.6

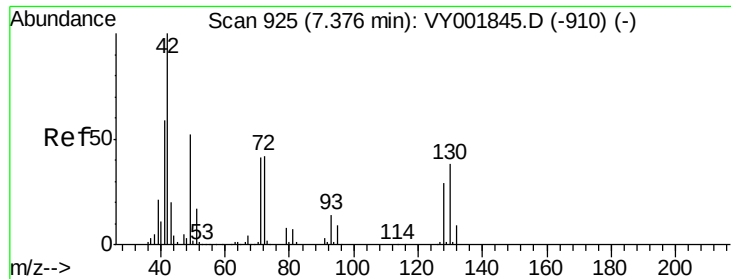


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

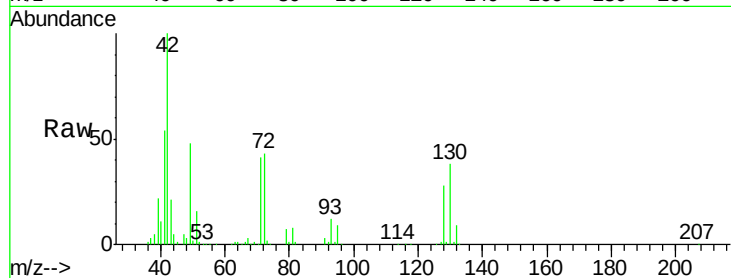




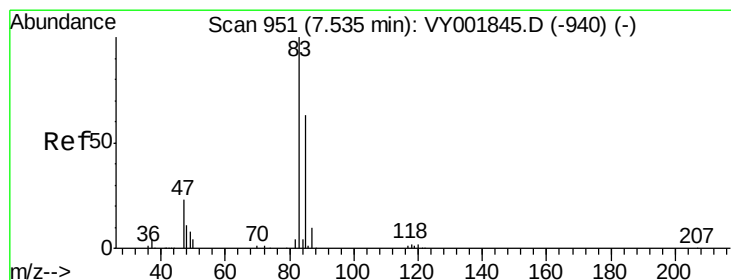
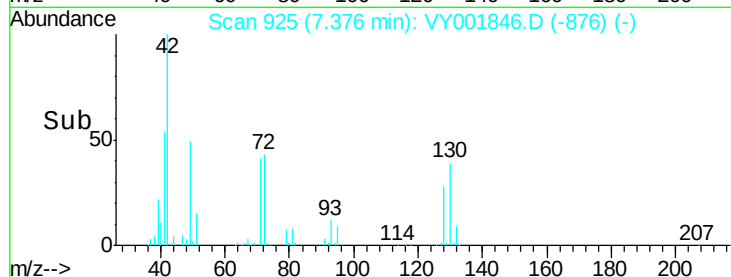
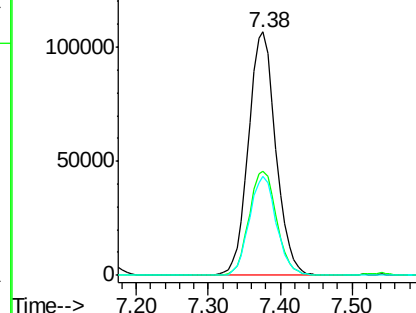
#29
Tetrahydrofuran
Concen: 499.80 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 282042
Ion Ratio Lower Upper
42 100
72 43.2 33.5 50.3
71 40.2 31.3 46.9

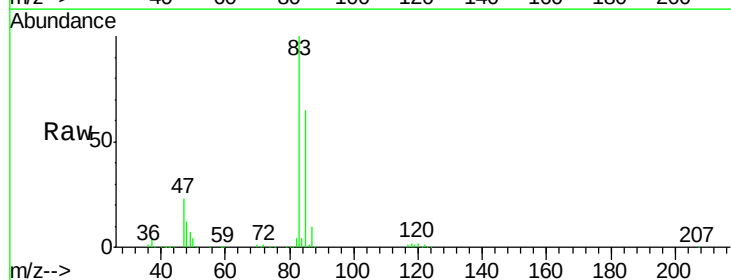


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

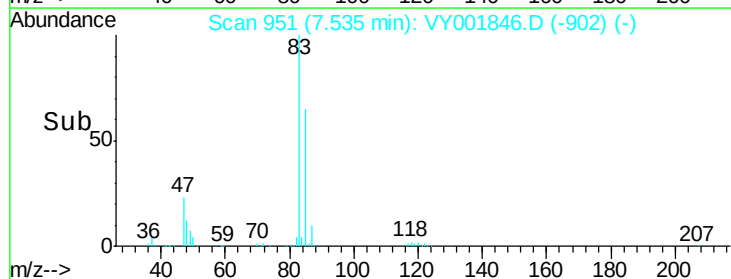
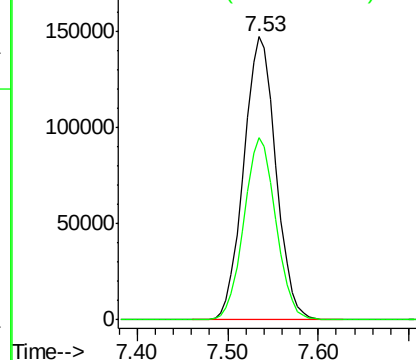


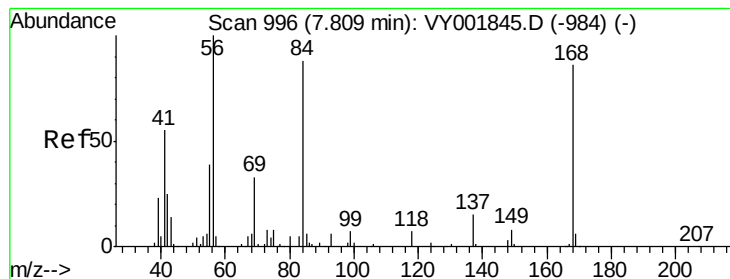
#30
Chloroform
Concen: 97.51 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 83 Resp: 361156
Ion Ratio Lower Upper
83 100
85 64.6 50.7 76.1



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





#31

Cyclohexane

Concen: 92.70 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

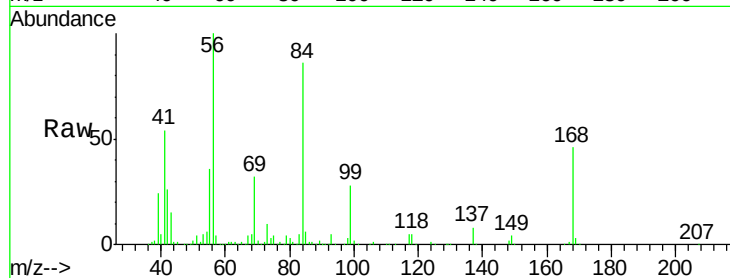
Tgt Ion: 56 Resp: 390442

Ion Ratio Lower Upper

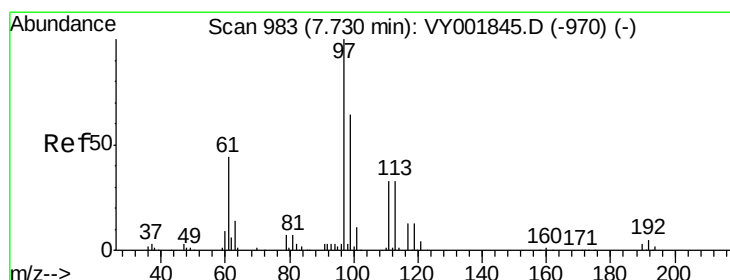
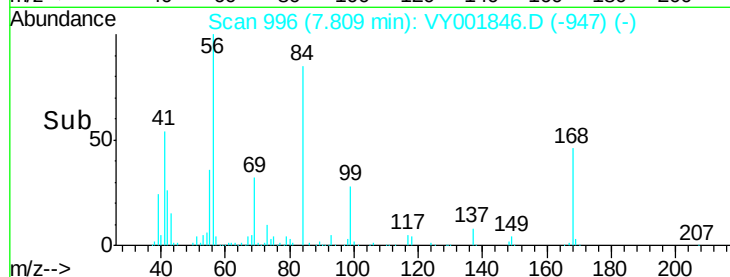
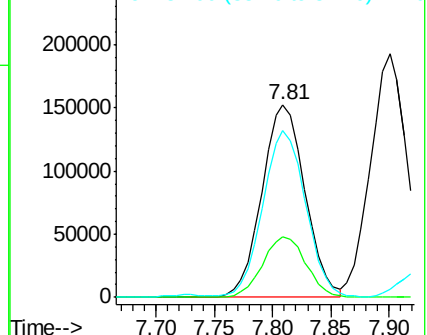
56 100

69 31.7 26.7 40.1

84 85.2 70.4 105.6



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: 97.88 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

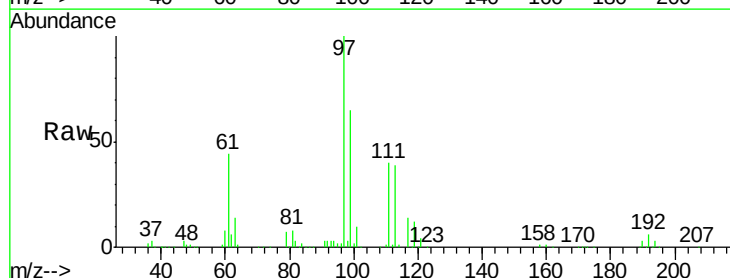
Tgt Ion: 97 Resp: 306377

Ion Ratio Lower Upper

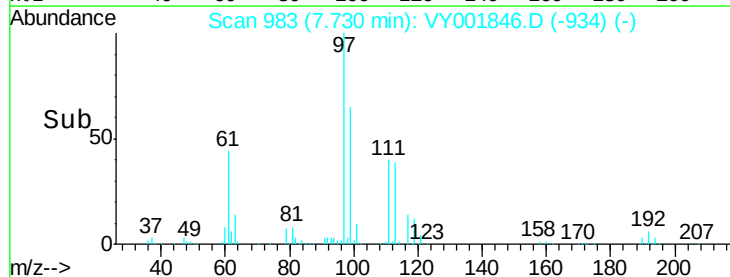
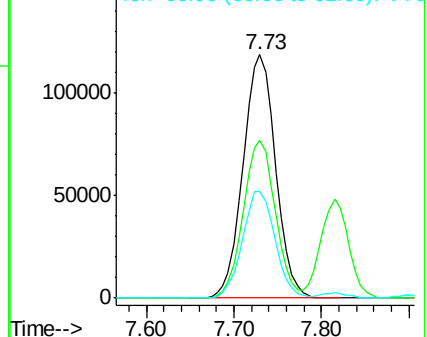
97 100

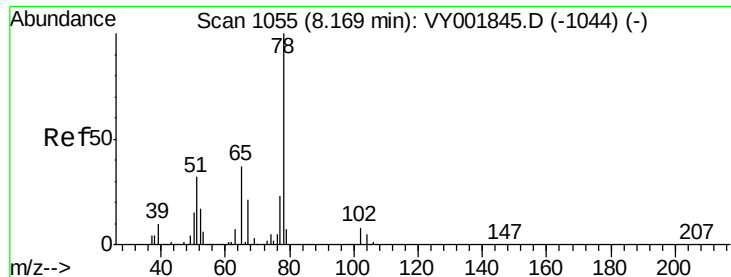
99 63.8 52.0 78.0

61 44.0 35.0 52.4



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

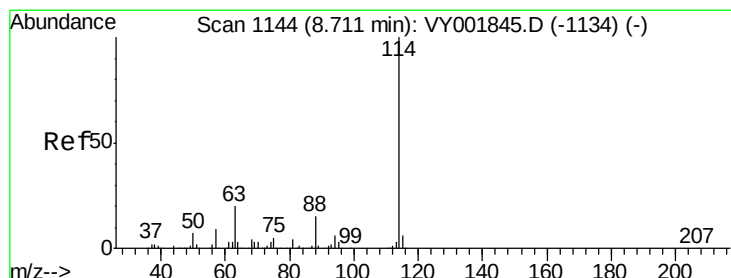
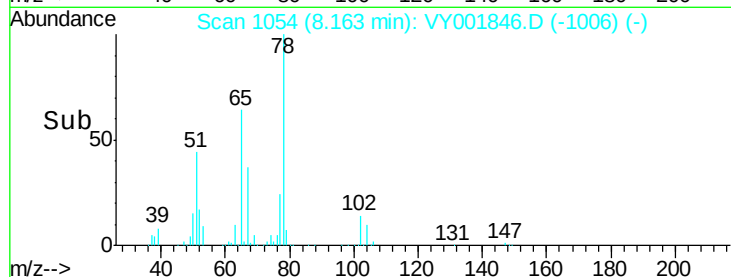
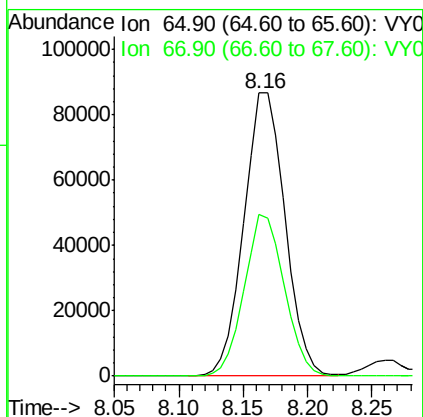
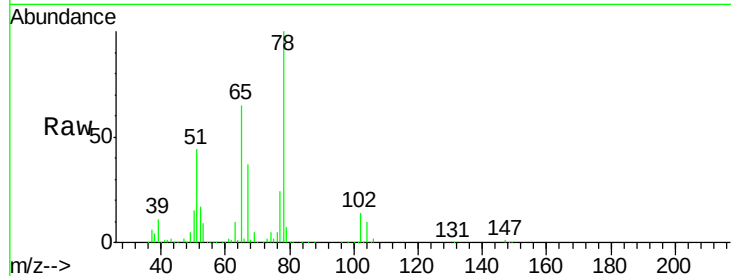




#33
 1,2-Dichloroethane-d4
 Concen: 98.60 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

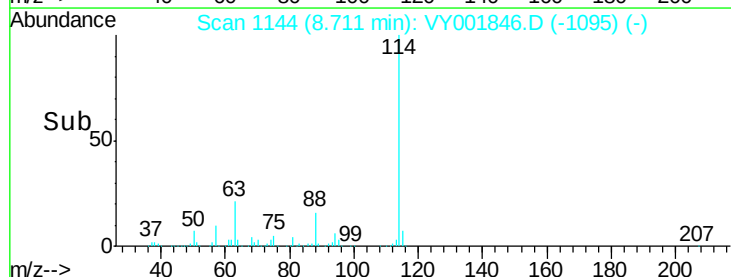
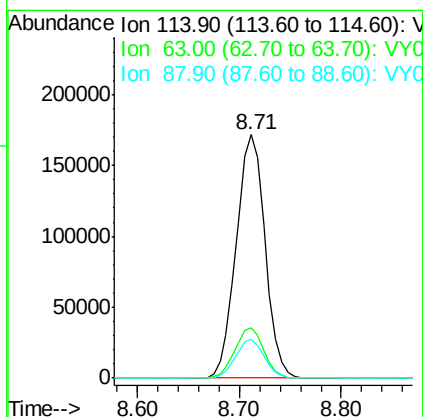
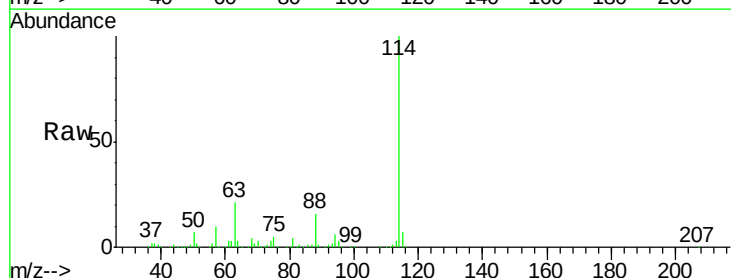
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

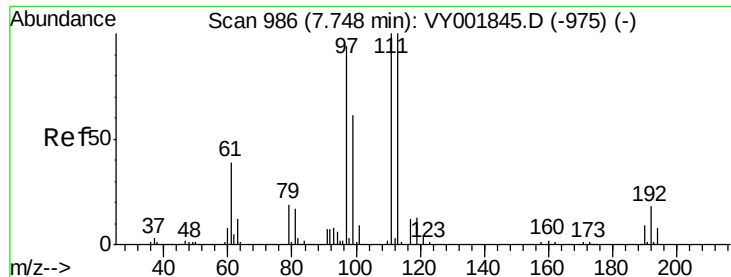
Tgt Ion: 65 Resp: 192156
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 114 Resp: 335002
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 15.8 0.0 30.4

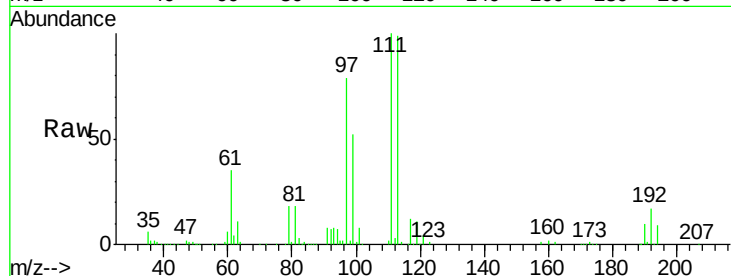




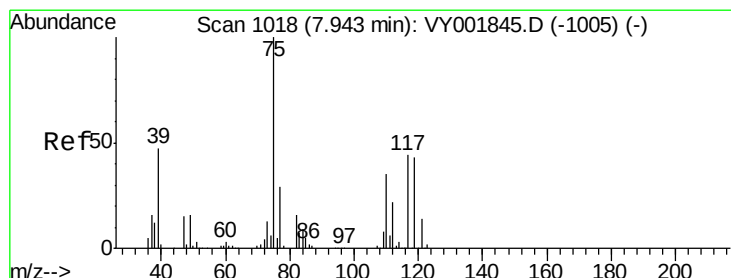
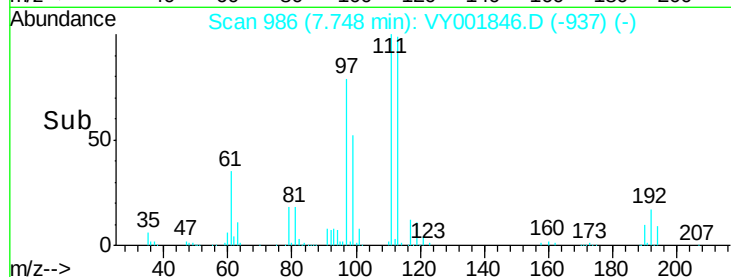
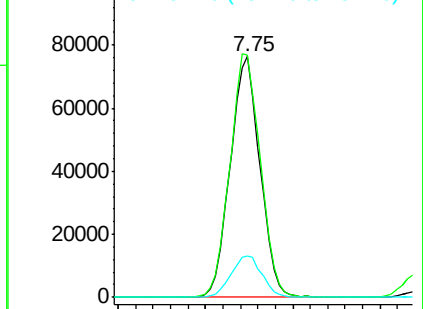
#35
 Dibromofluoromethane
 Concen: 98.45 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 180168
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.8
 192 18.0 14.2 21.2

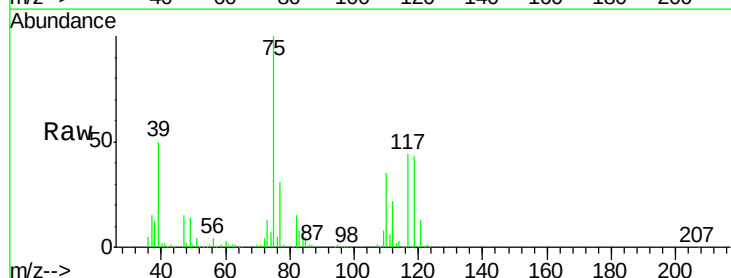


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

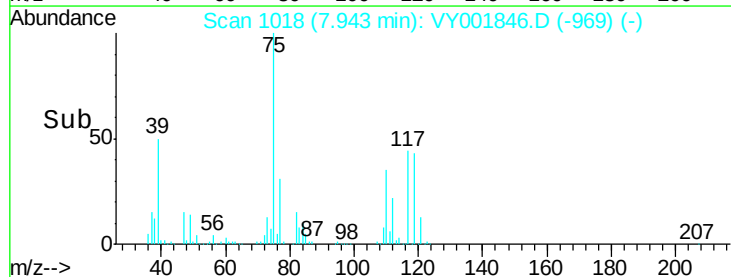
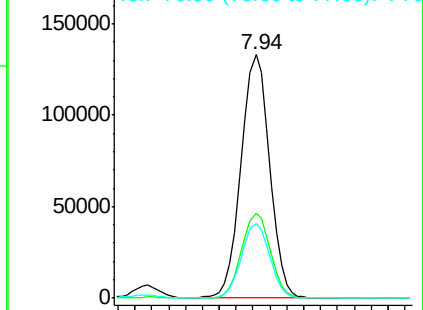


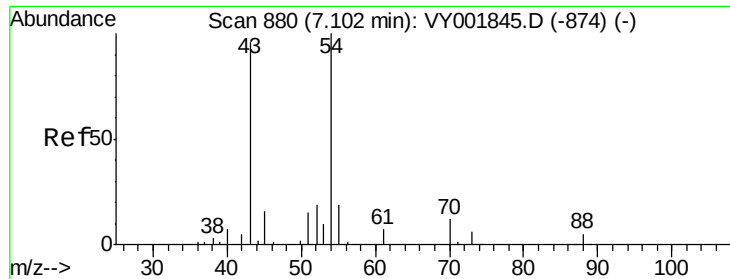
#36
 1,1-Dichloropropene
 Concen: 96.62 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 75 Resp: 304038
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.4 52.2
 77 30.8 24.2 36.2



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

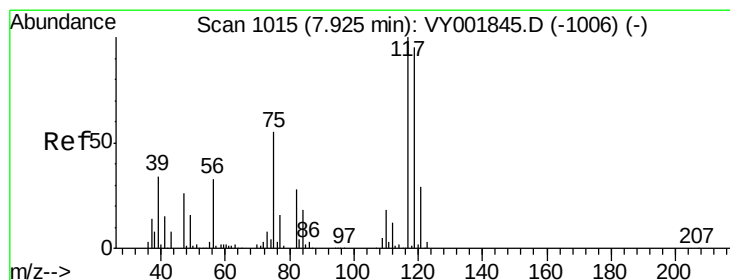
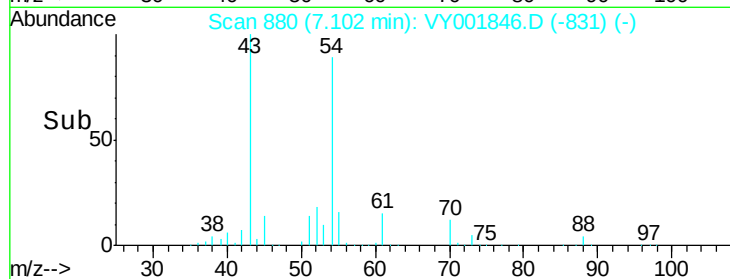
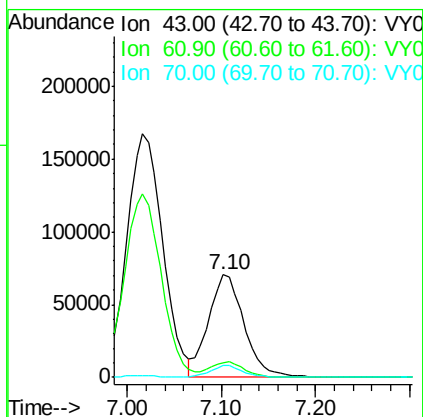
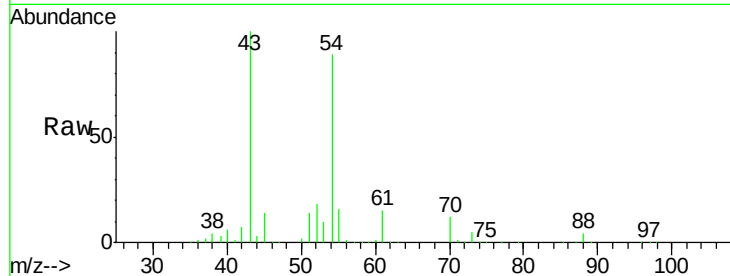




#37
Ethyl Acetate
Concen: 98.95 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

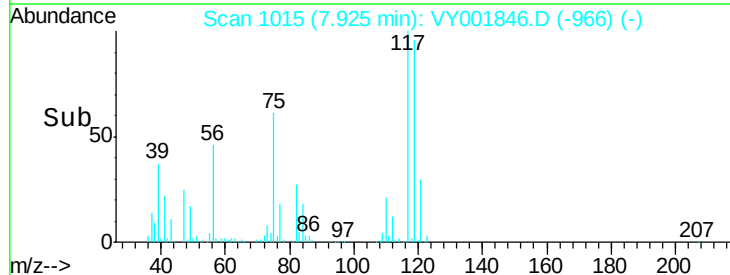
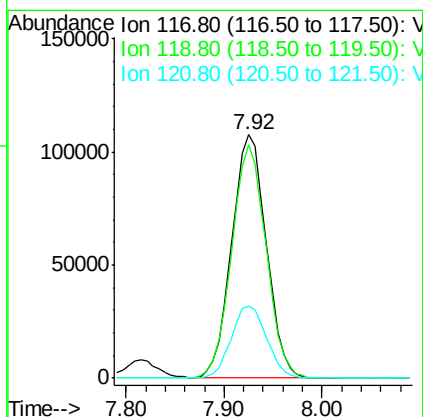
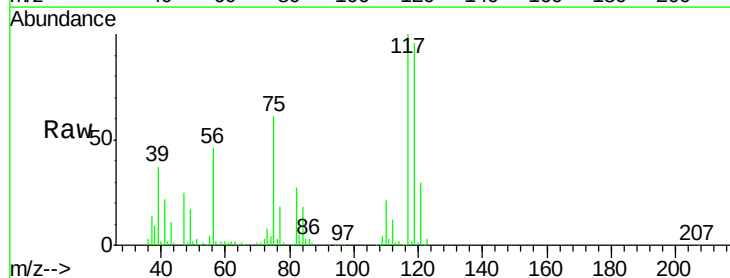
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

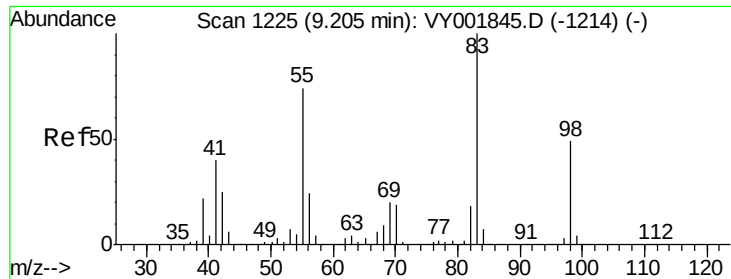
Tgt Ion: 43 Resp: 185438
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 98.10 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 117 Resp: 264173
Ion Ratio Lower Upper
117 100
119 96.0 76.3 114.5
121 29.7 23.5 35.3

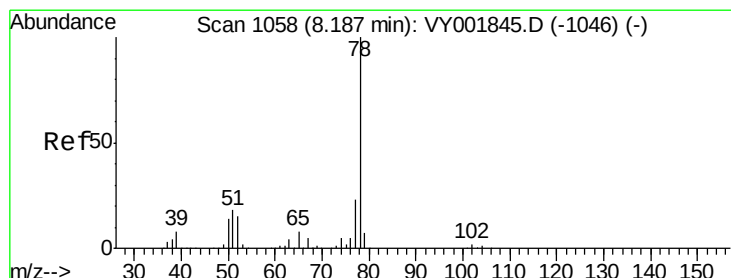
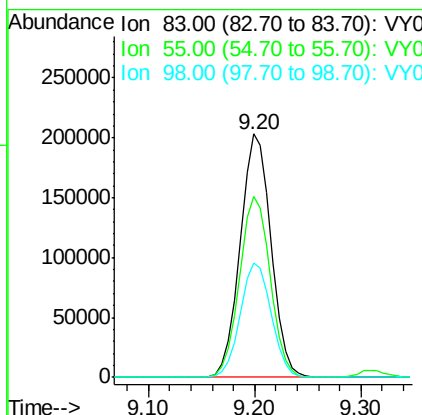
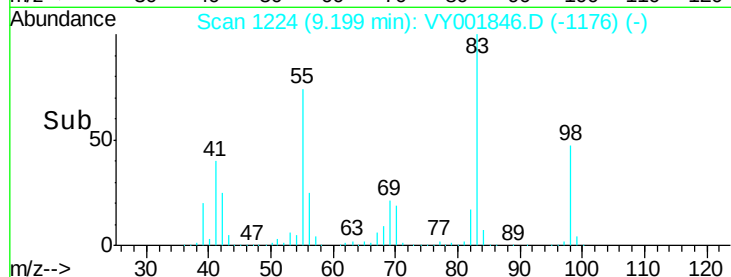
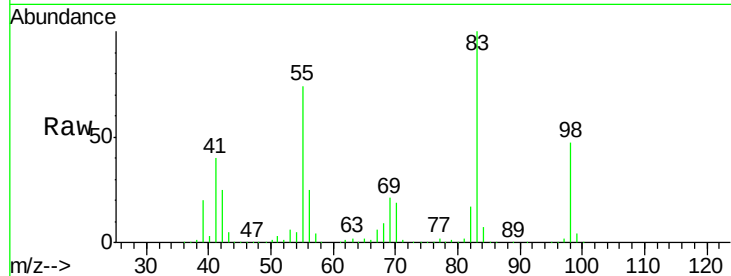




#39
Methylcyclohexane
Concen: 98.30 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

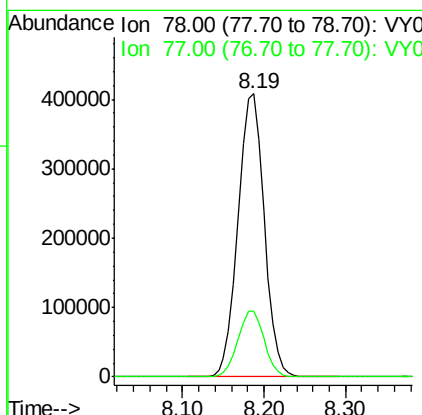
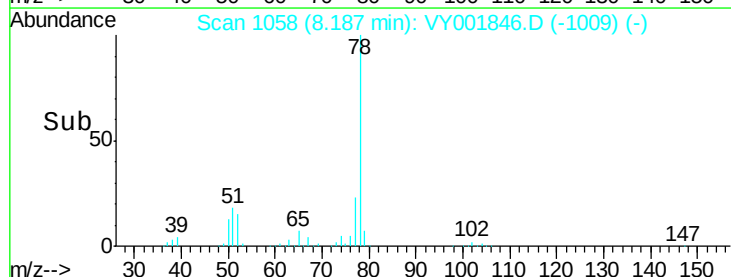
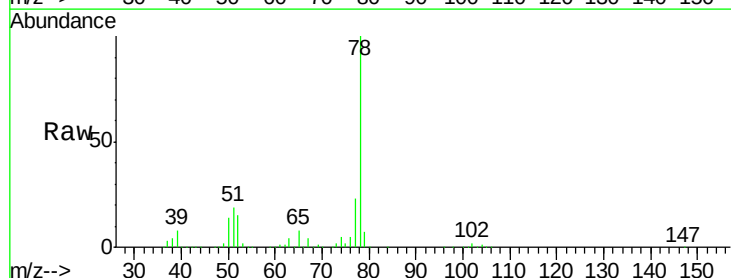
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

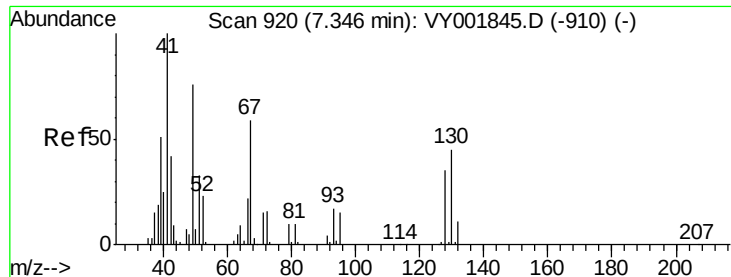
Tgt Ion: 83 Resp: 413429
Ion Ratio Lower Upper
83 100
55 74.1 59.4 89.0
98 47.0 38.9 58.3



#40
Benzene
Concen: 97.06 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 78 Resp: 907933
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

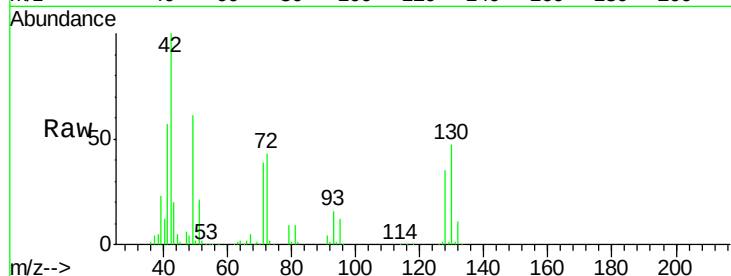




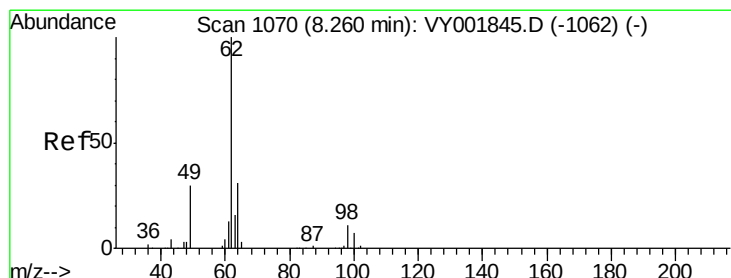
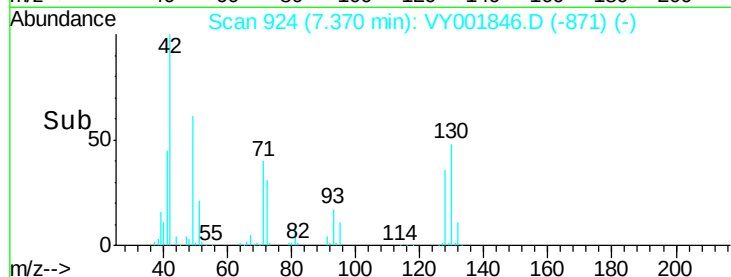
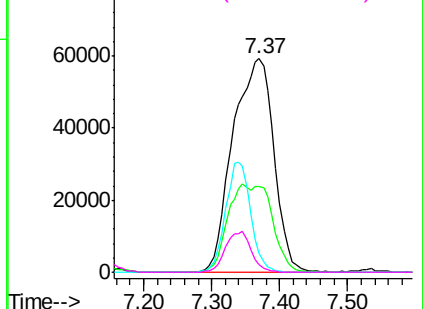
#41
Methacrylonitrile
Concen: 111.70 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 247704
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

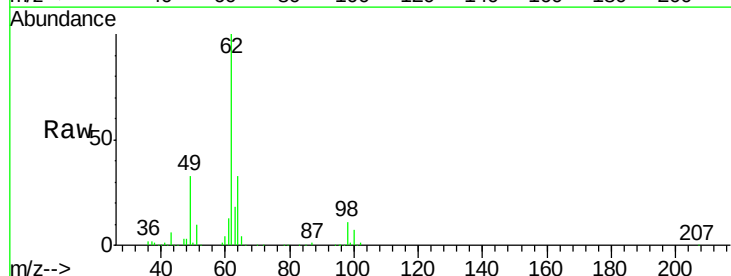


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

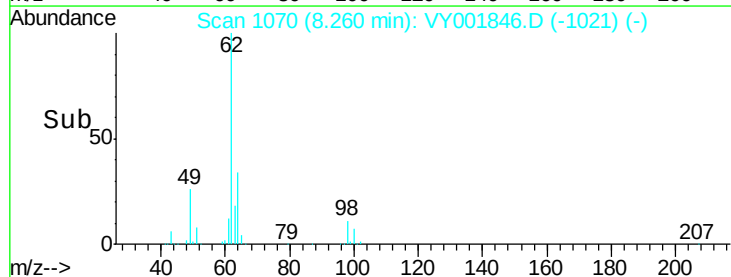
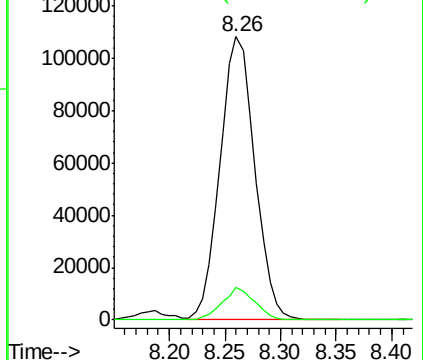


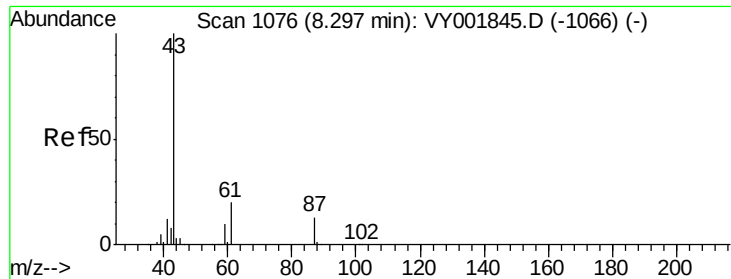
#42
1,2-Dichloroethane
Concen: 96.92 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 62 Resp: 234010
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 100.41 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

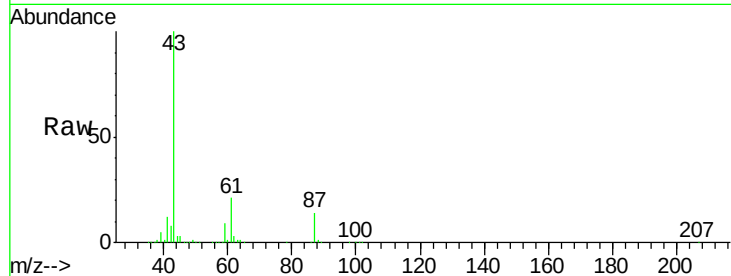
Tgt Ion: 43 Resp: 349999

Ion Ratio Lower Upper

43 100

61 29.4 23.8 35.6

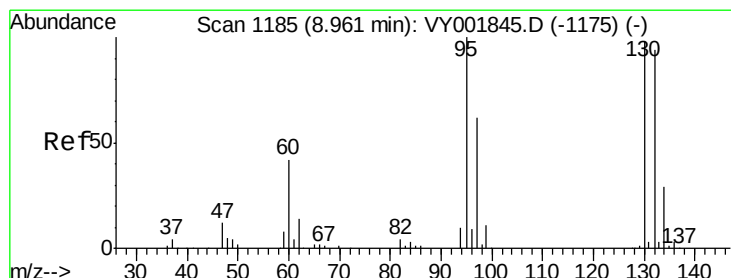
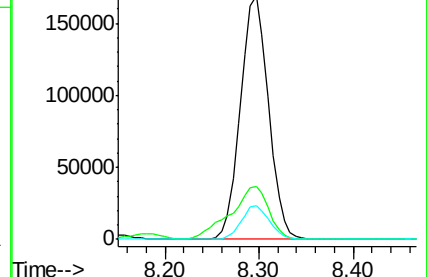
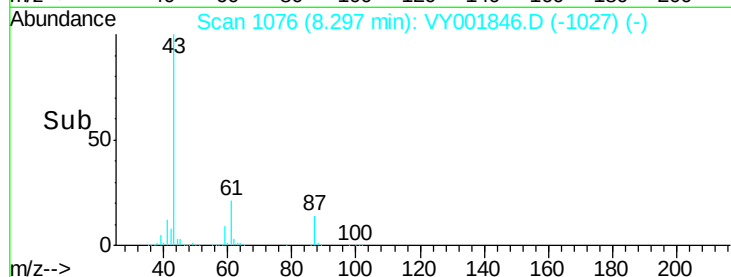
87 13.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001846.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001846.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001846.D (-1066) (-)



#44

Trichloroethene

Concen: 96.18 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001846.D

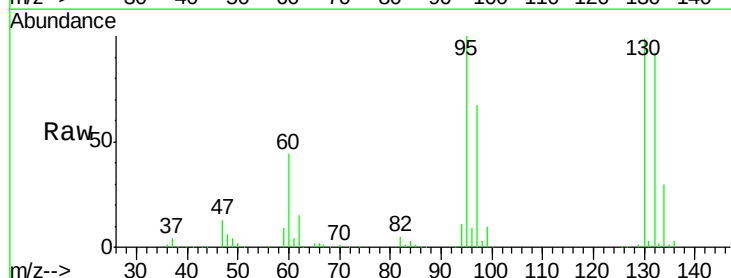
Acq: 04 Mar 2020 11:54

Tgt Ion: 130 Resp: 219605

Ion Ratio Lower Upper

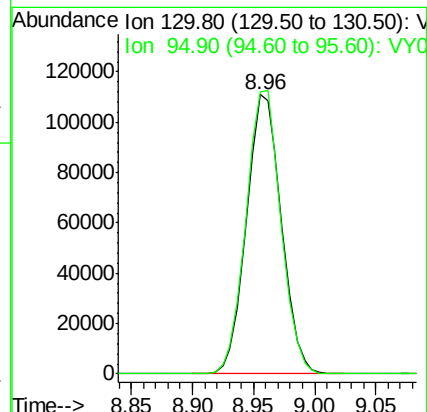
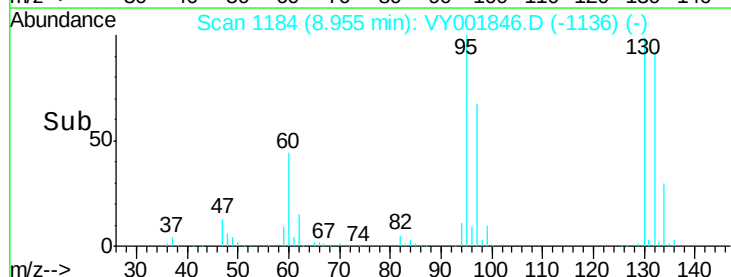
130 100

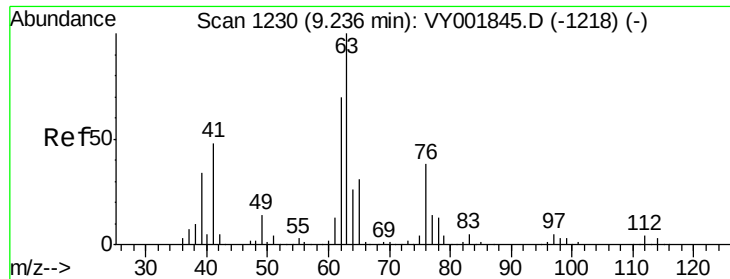
95 101.0 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001846.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY001846.D (-1136) (-)

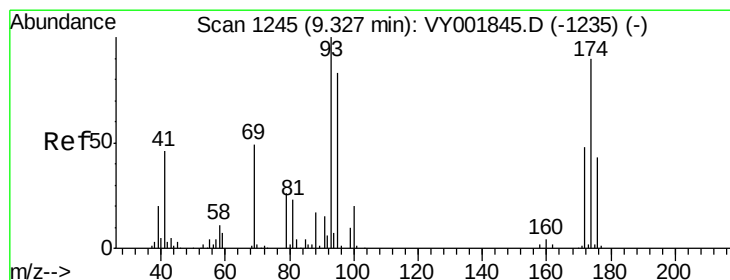
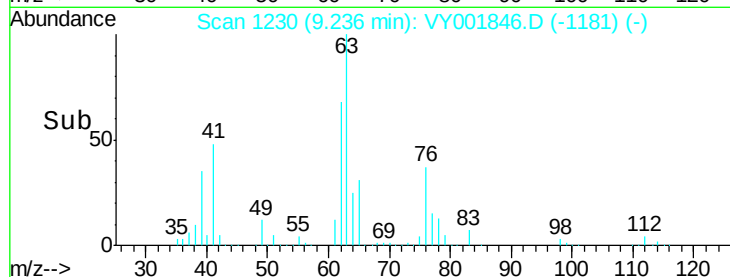
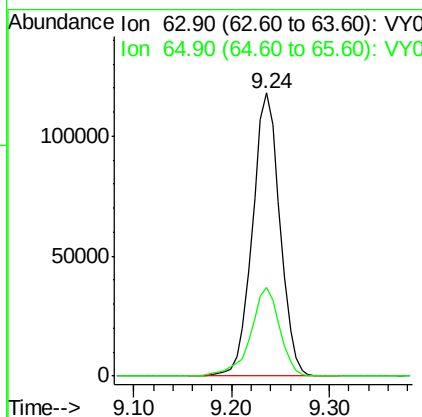
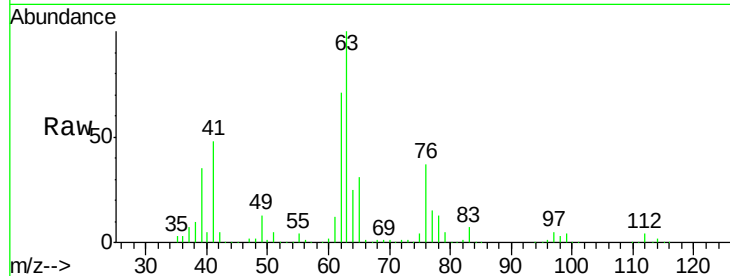




#45
 1,2-Dichloropropane
 Concen: 97.08 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

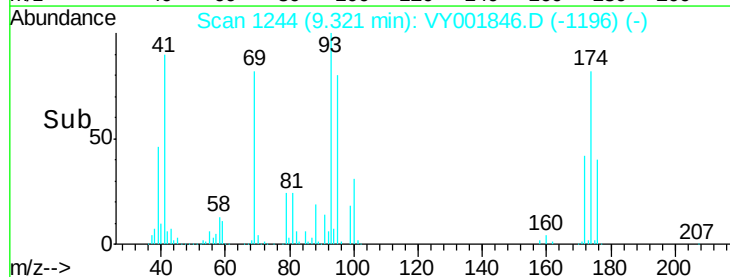
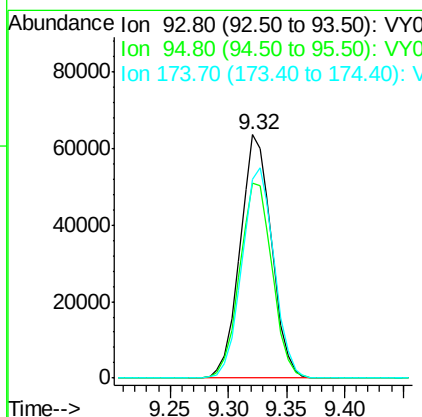
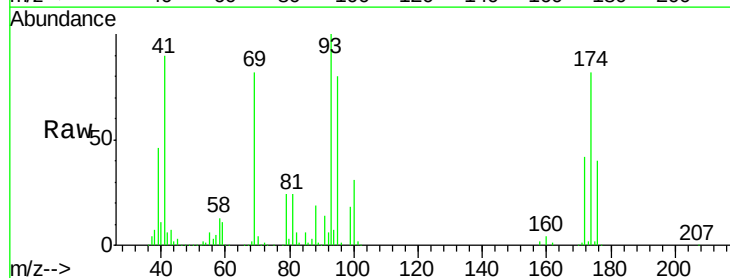
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

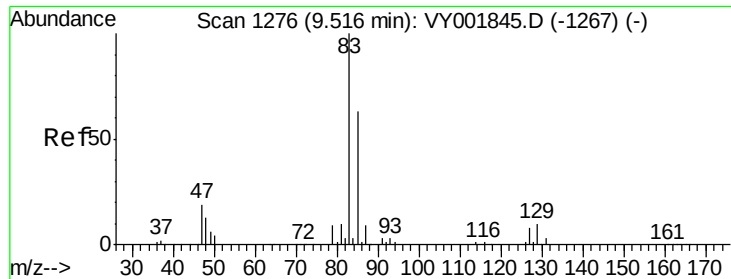
Tgt Ion: 63 Resp: 229169
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3



#46
 Dibromomethane
 Concen: 97.83 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 93 Resp: 119652
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.4
 174 88.0 71.8 107.8

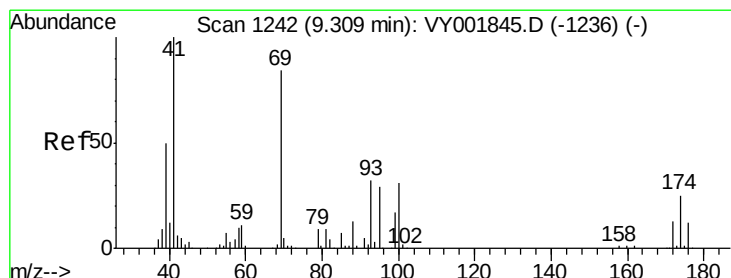
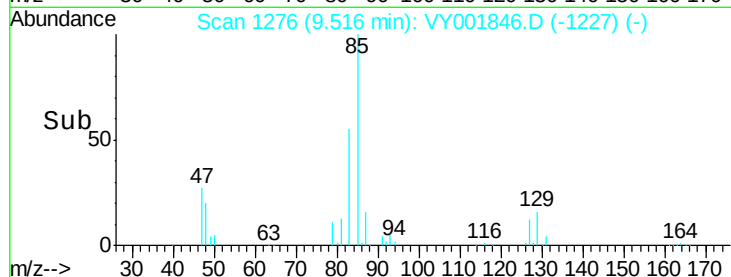
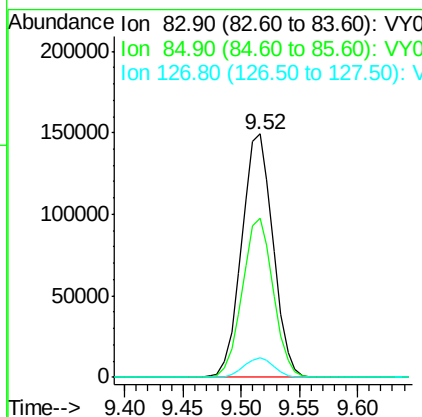
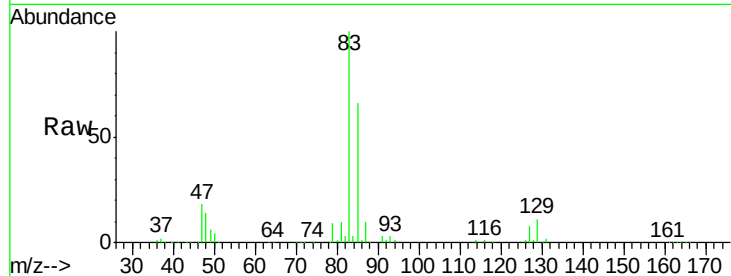




#47
Bromodichloromethane
Concen: 99.29 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

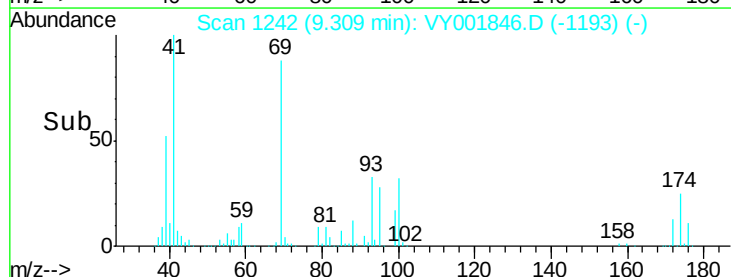
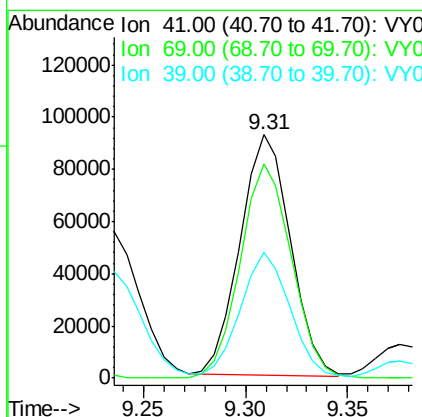
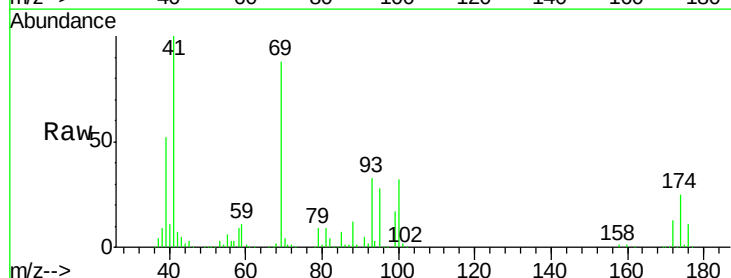
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

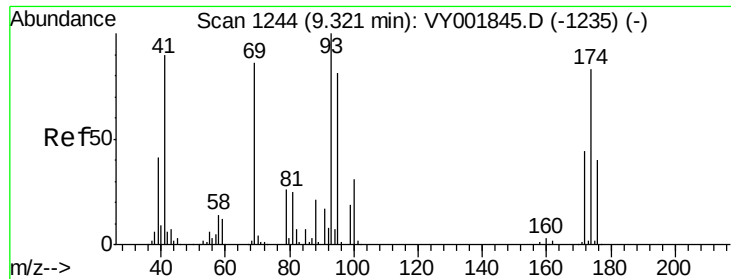
Tgt Ion: 83 Resp: 280698
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 100.02 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 41 Resp: 157987
Ion Ratio Lower Upper
41 100
69 90.9 69.0 103.6
39 49.9 39.1 58.7

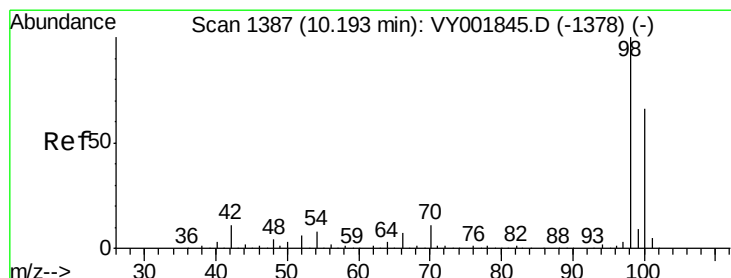
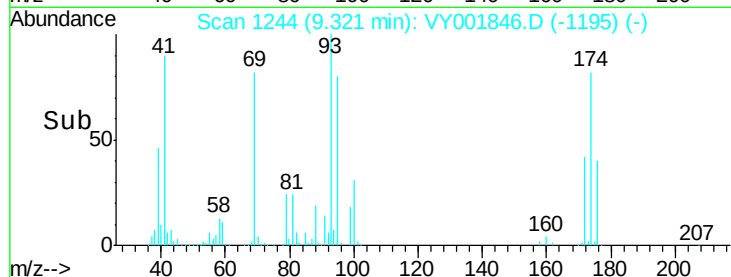
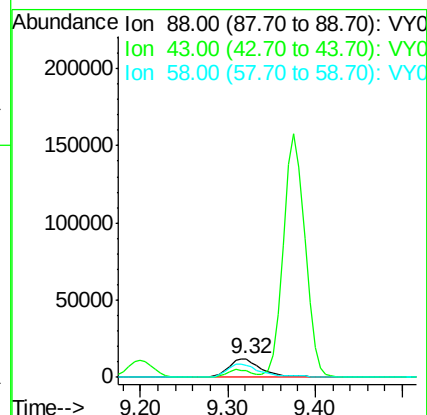
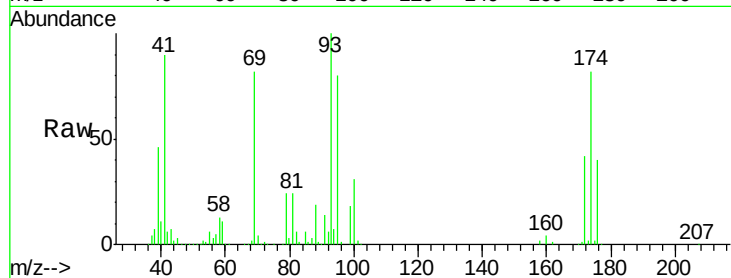




#49
1,4-Dioxane
Concen: 1967.82 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

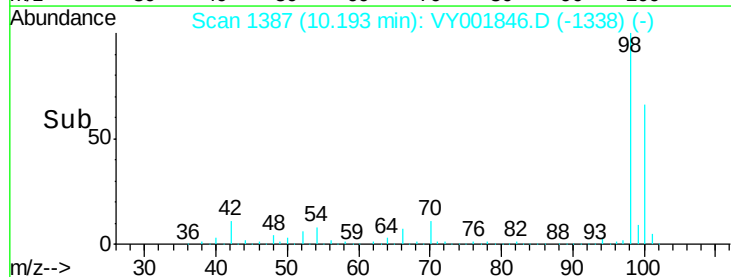
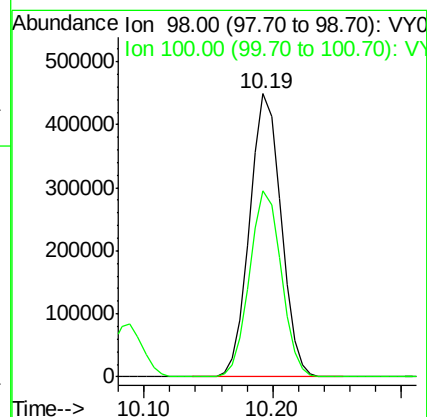
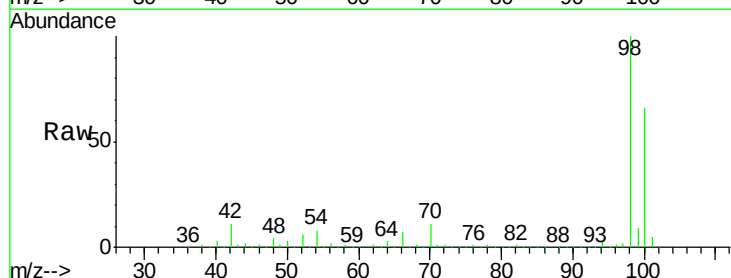
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

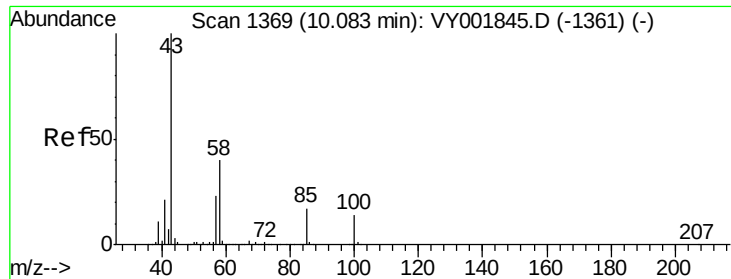
Tgt Ion: 88 Resp: 31735
Ion Ratio Lower Upper
88 100
43 31.1 25.0 37.6
58 67.6 58.9 88.3



#50
Toluene-d8
Concen: 98.00 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 98 Resp: 755275
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

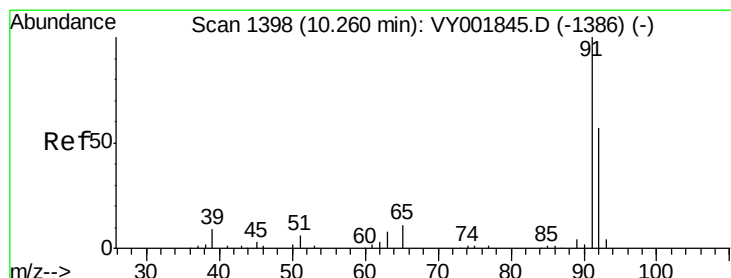
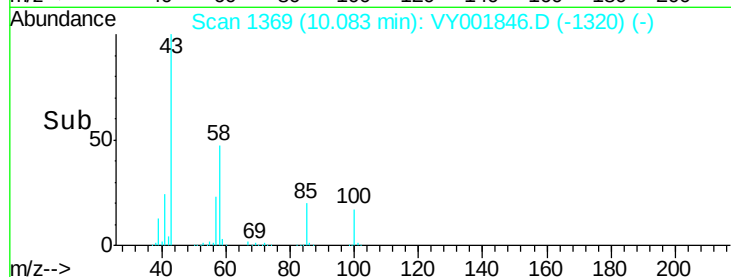
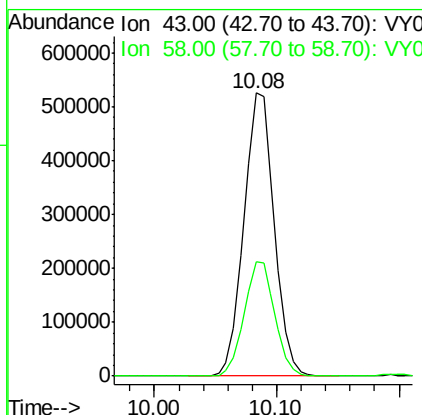
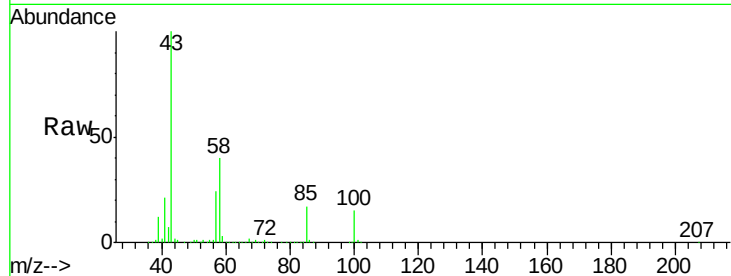




#51
 4-Methyl-2-Pentanone
 Concen: 504.16 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

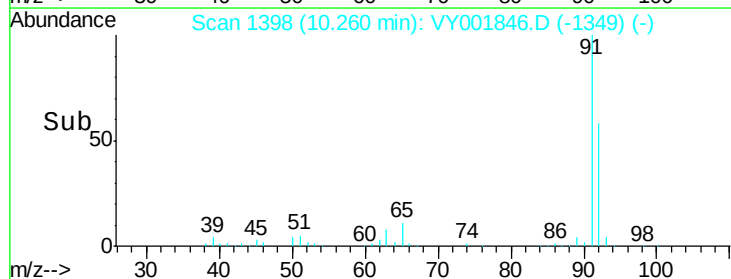
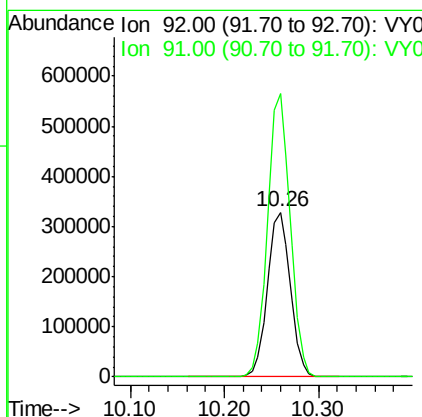
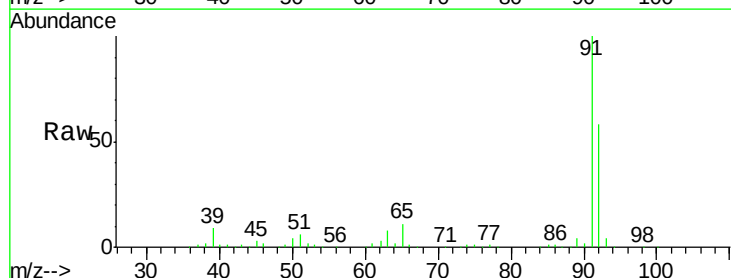
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

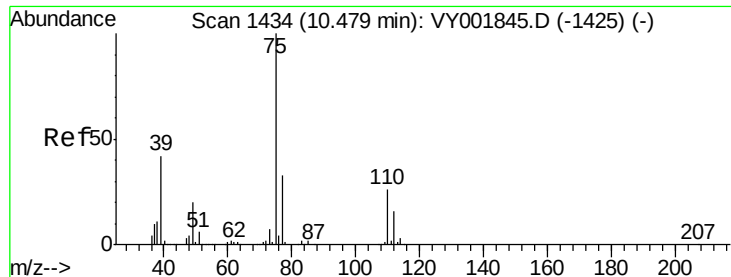
Tgt Ion: 43 Resp: 905559
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.0 48.0



#52
 Toluene
 Concen: 98.50 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 92 Resp: 558685
 Ion Ratio Lower Upper
 92 100
 91 171.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 101.88 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

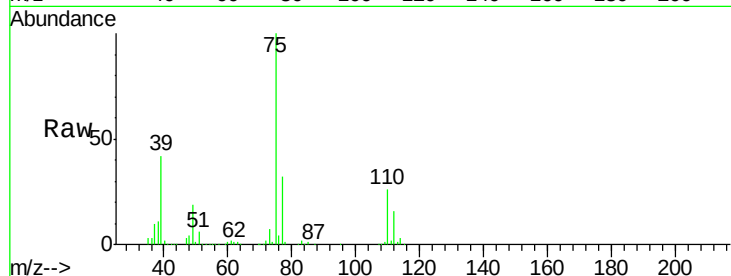
VSTDIC100

Tgt Ion: 75 Resp: 314567

Ion Ratio Lower Upper

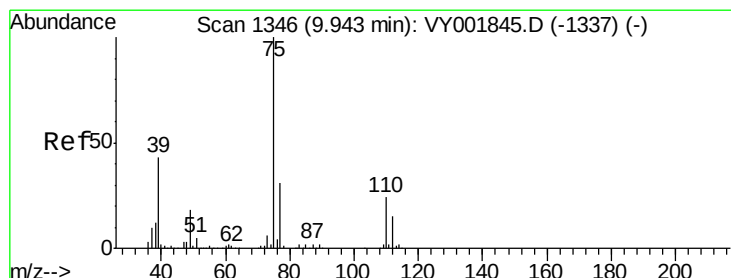
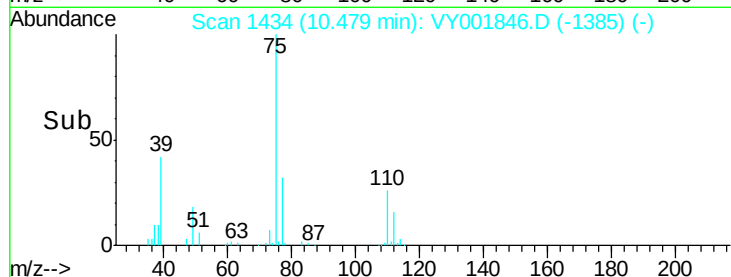
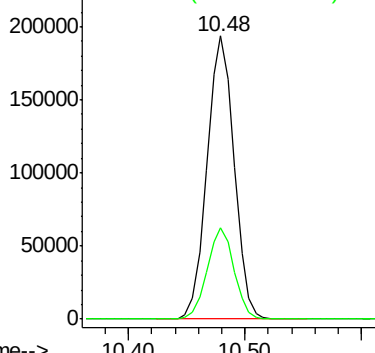
75 100

77 32.0 26.3 39.5



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: 99.99 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

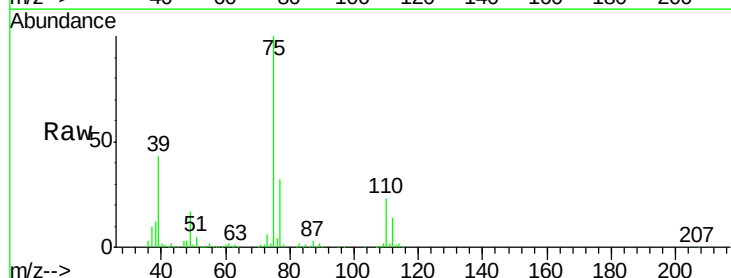
Tgt Ion: 75 Resp: 367953

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

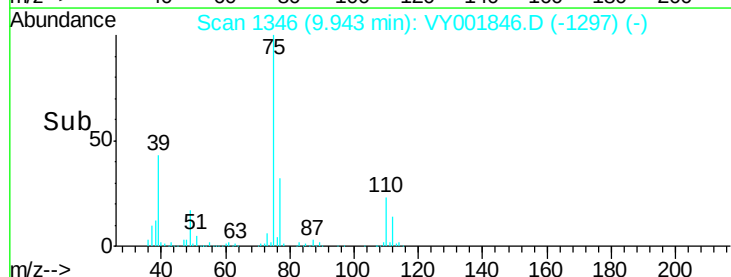
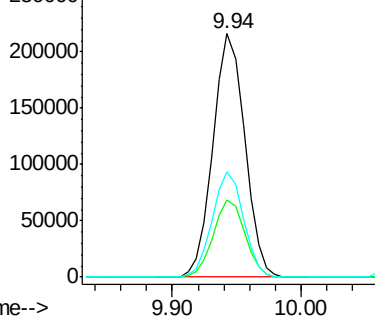
39 43.1 34.7 52.1

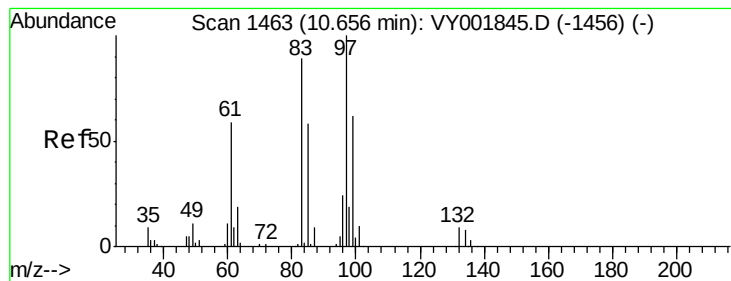


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 98.13 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 175120

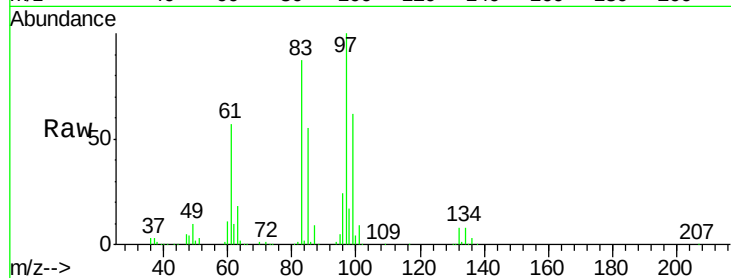
Ion Ratio Lower Upper

97 100

83 87.3 71.6 107.4

85 55.1 46.6 69.8

99 61.8 49.8 74.6



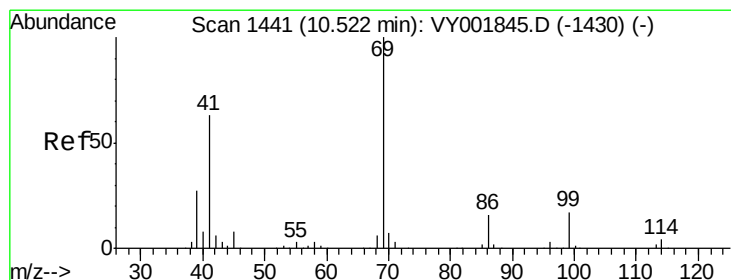
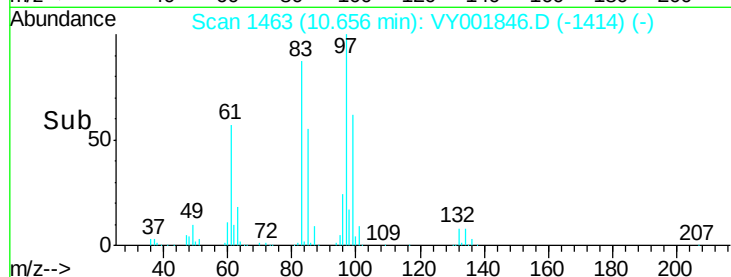
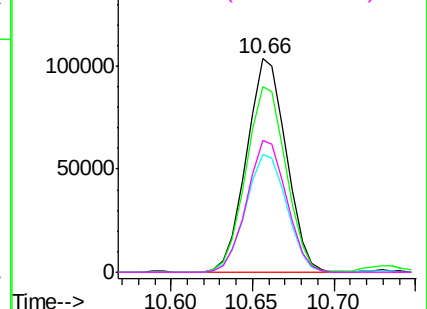
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 104.78 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

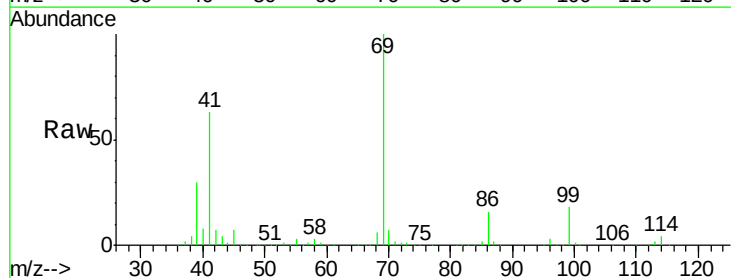
Tgt Ion: 69 Resp: 272474

Ion Ratio Lower Upper

69 100

41 62.8 49.9 74.9

39 28.7 23.0 34.6

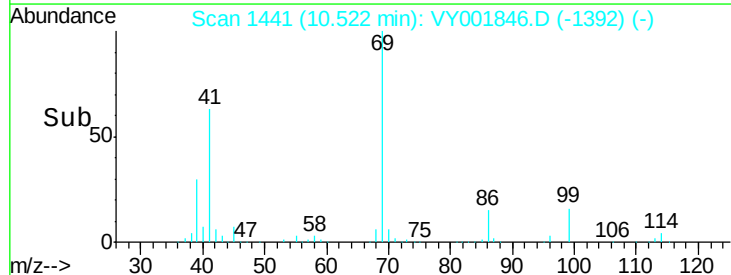
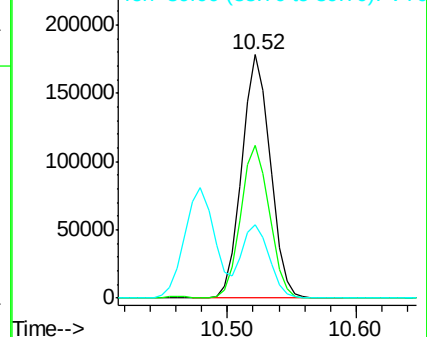


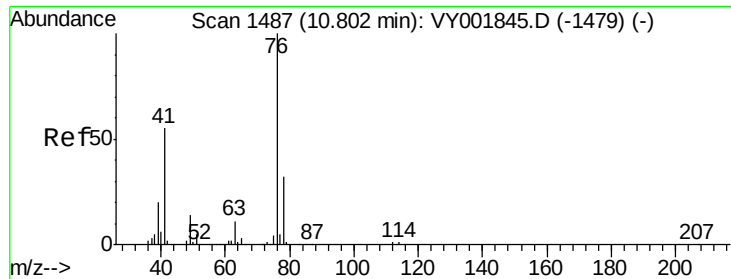
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

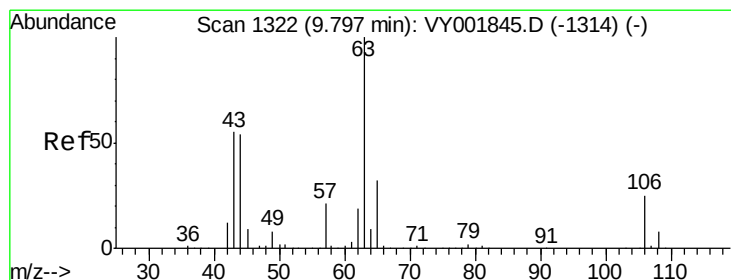
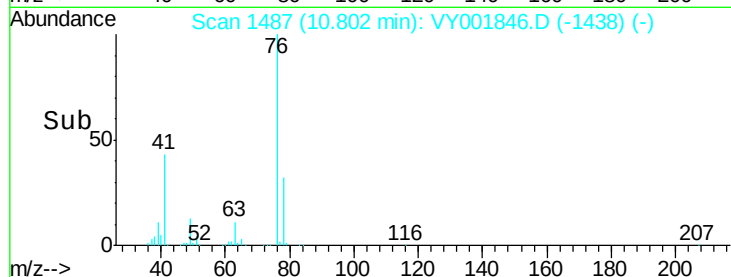
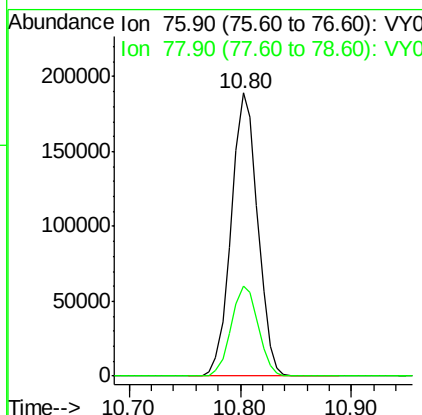
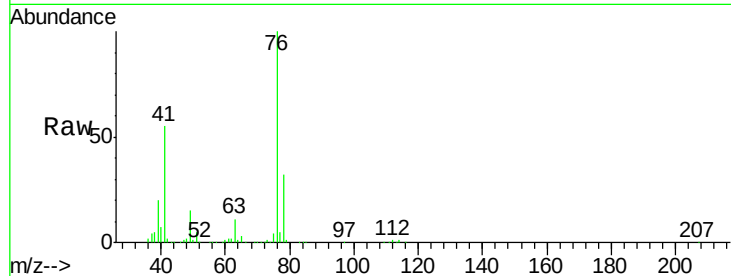




#57
 1,3-Dichloropropane
 Concen: 98.21 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

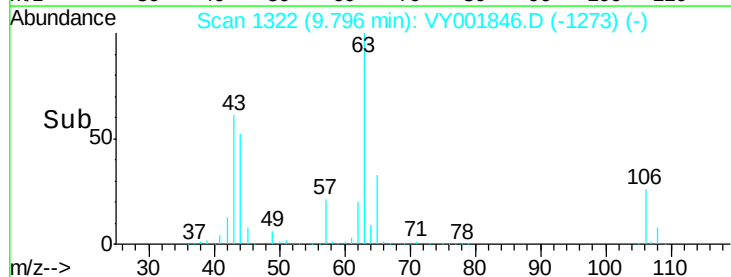
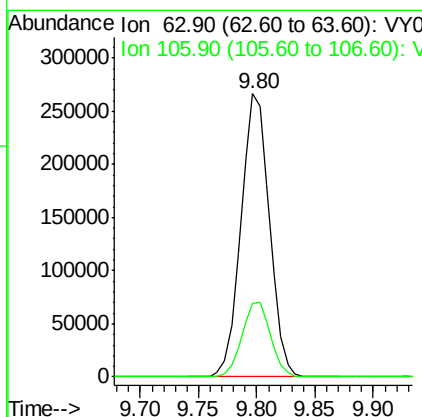
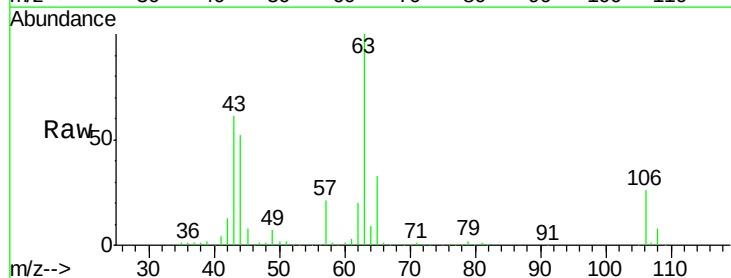
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

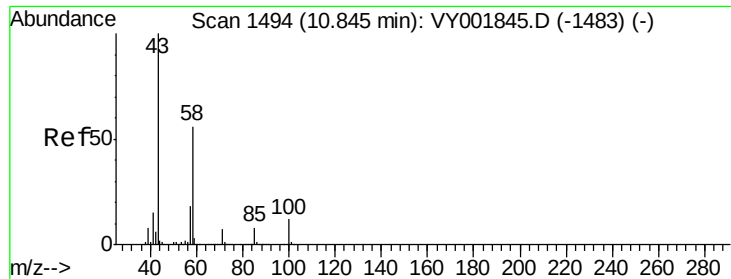
Tgt Ion: 76 Resp: 310369
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 430.86 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 63 Resp: 454538
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9

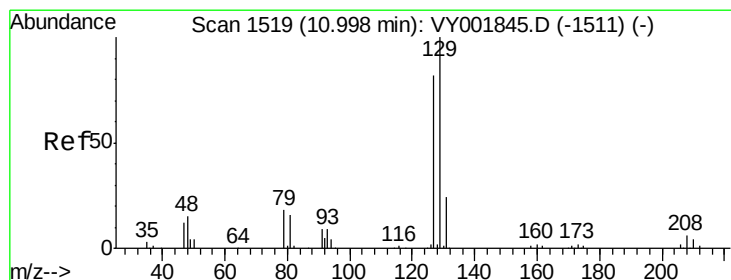
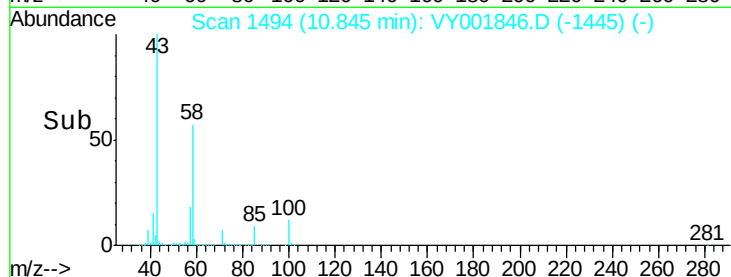
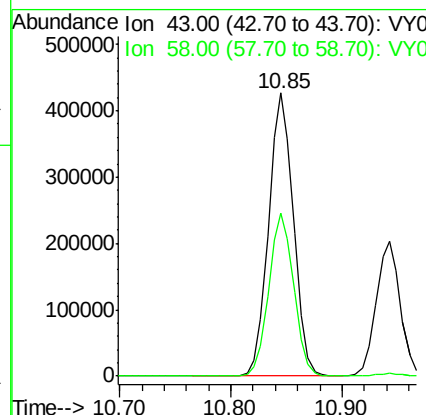
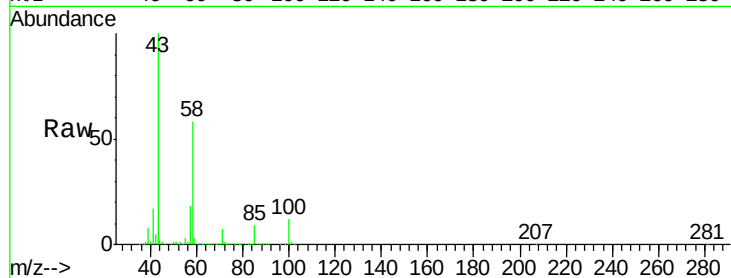




#59
2-Hexanone
Concen: 520.08 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

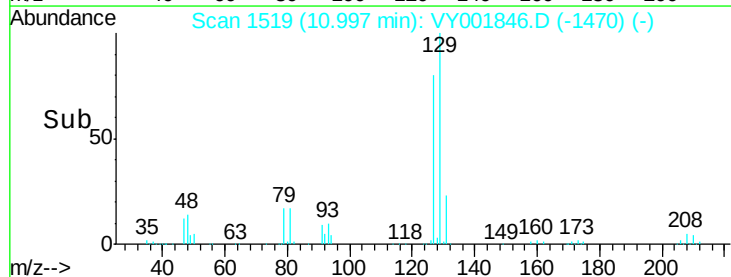
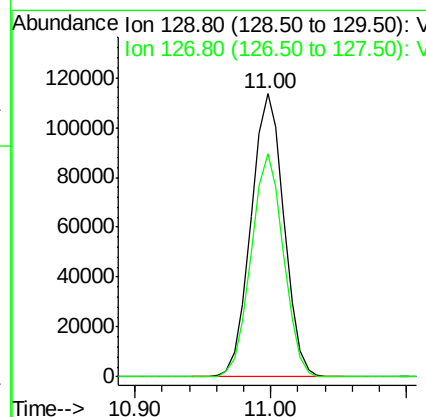
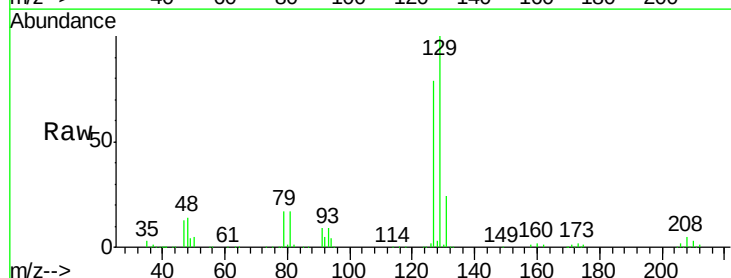
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

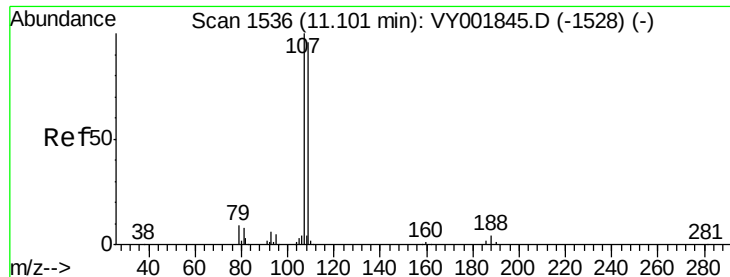
Tgt Ion: 43 Resp: 664200
Ion Ratio Lower Upper
43 100
58 57.6 28.1 84.3



#60
Dibromochloromethane
Concen: 102.71 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 129 Resp: 192643
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

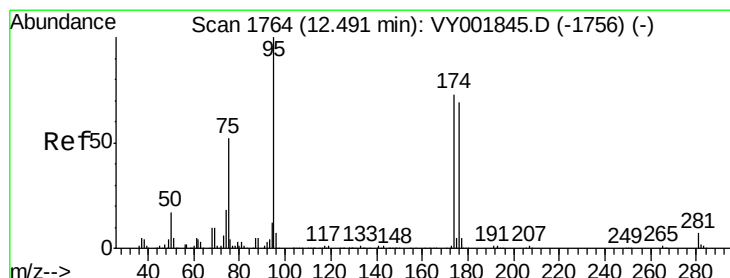
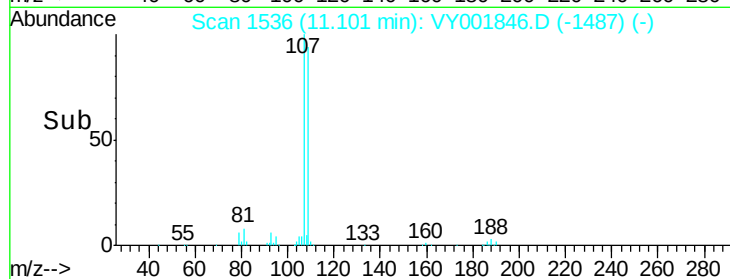
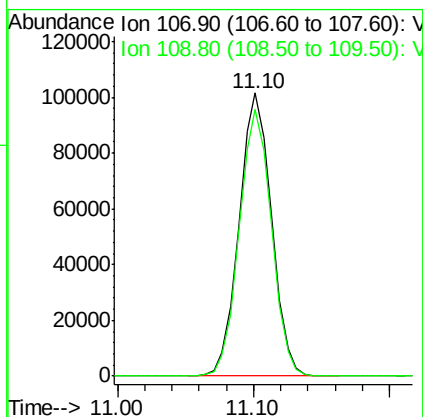
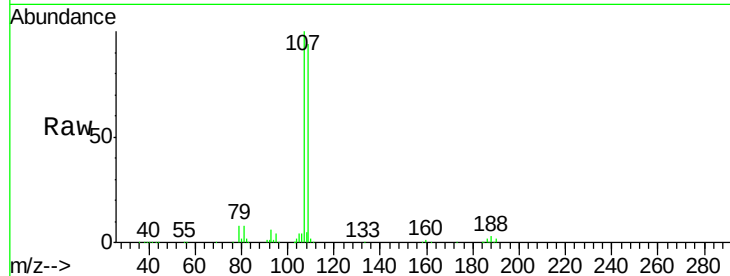




#61
1,2-Dibromoethane
Concen: 101.30 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

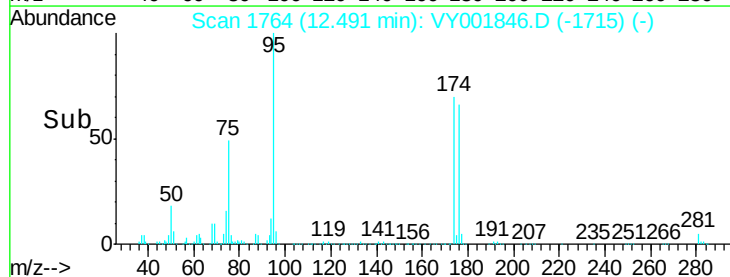
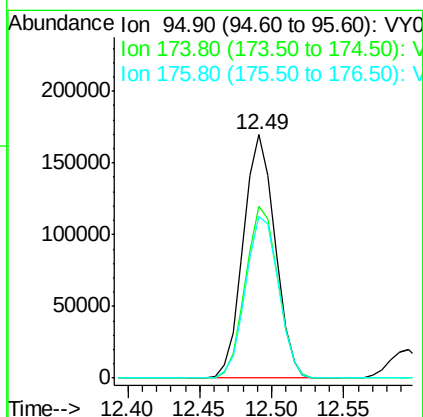
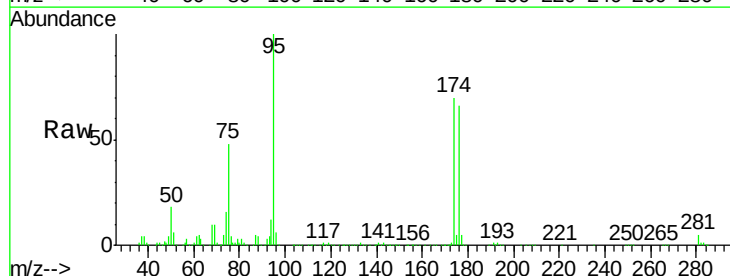
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

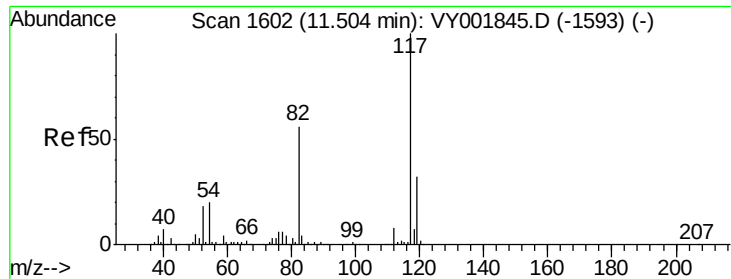
Tgt Ion: 107 Resp: 168961
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 97.02 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 95 Resp: 259480
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.0
176 68.7 0.0 137.4

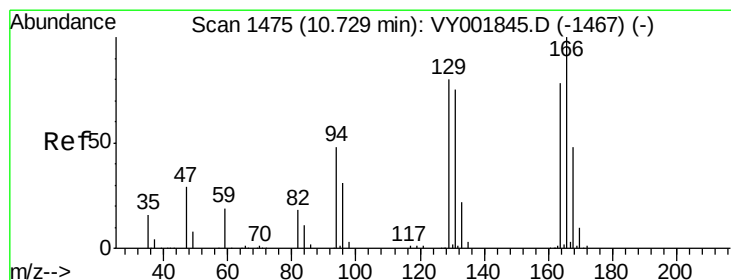
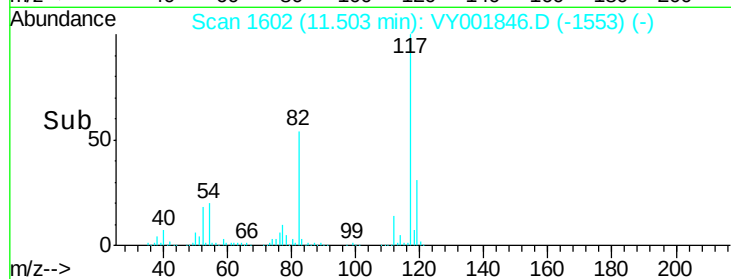
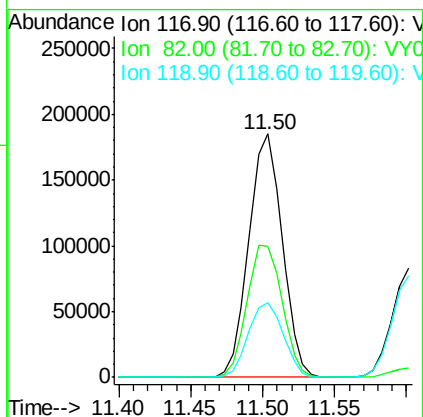
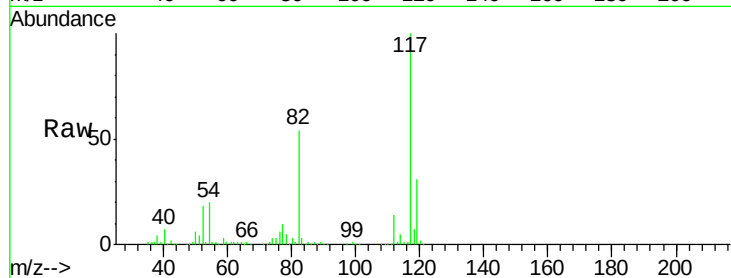




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

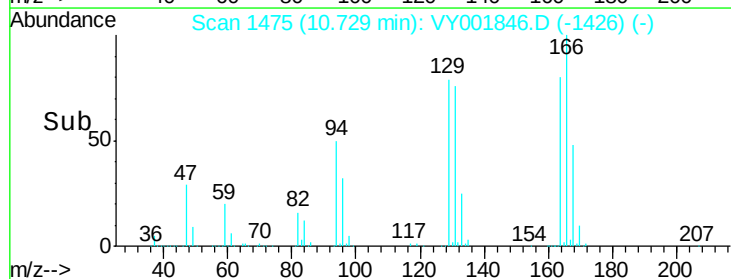
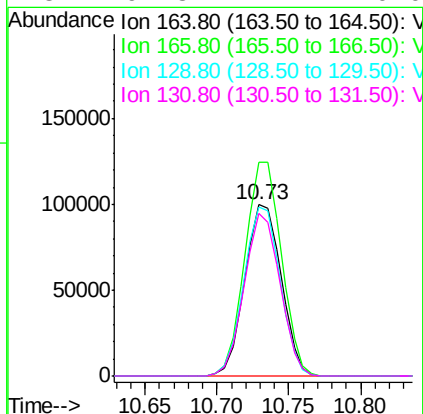
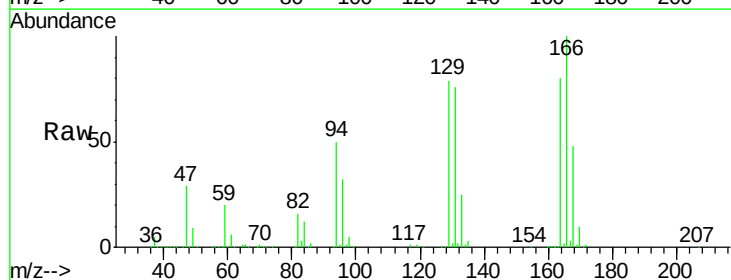
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

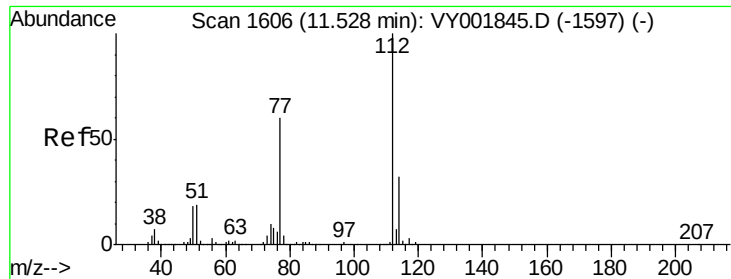
Tgt Ion:117 Resp: 297287
Ion Ratio Lower Upper
117 100
82 53.7 44.5 66.7
119 30.6 25.7 38.5



#64
Tetrachloroethene
Concen: 95.31 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion:164 Resp: 174787
Ion Ratio Lower Upper
164 100
166 124.8 102.6 154.0
129 99.0 82.3 123.5
131 94.8 77.4 116.0

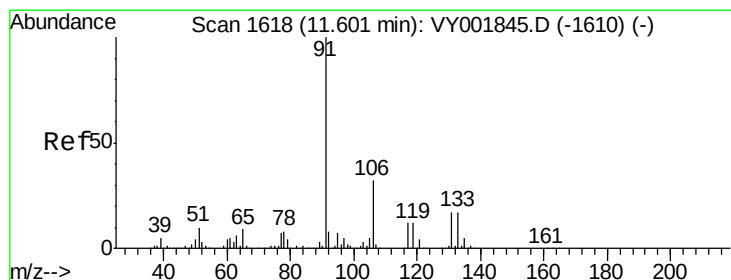
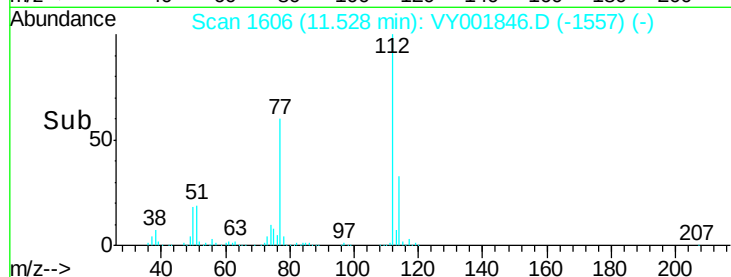
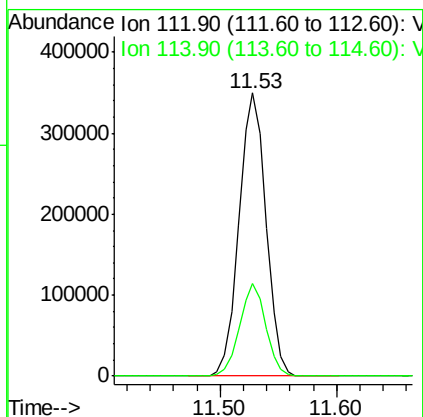
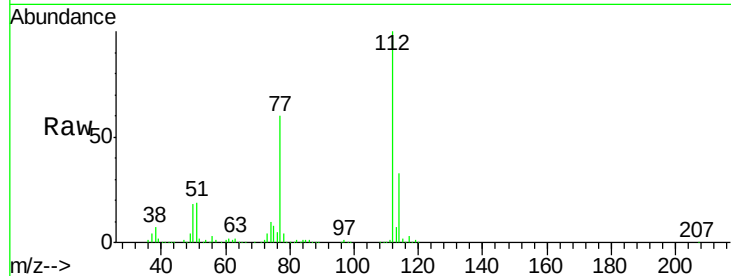




#65
Chlorobenzene
Concen: 97.24 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

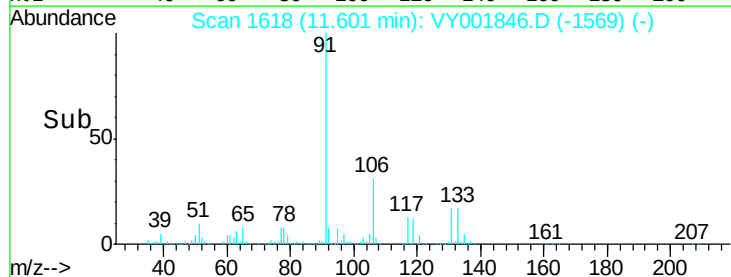
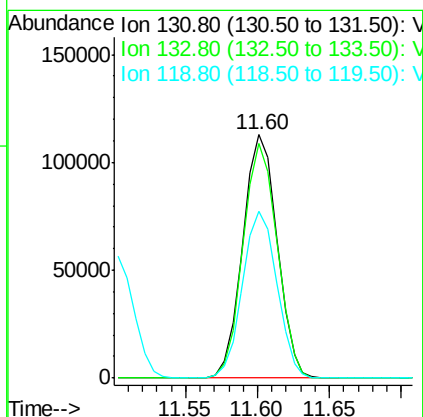
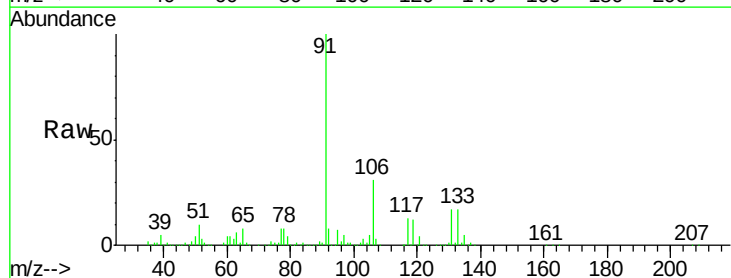
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

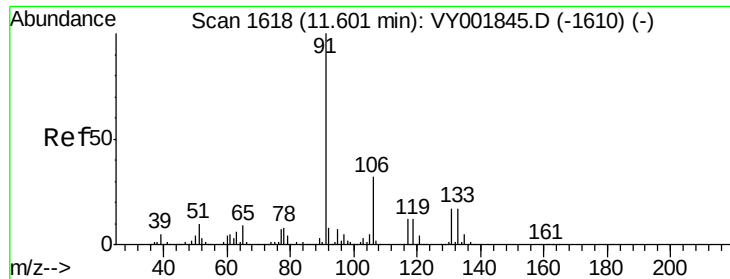
Tgt Ion:112 Resp: 564296
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 98.74 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion:131 Resp: 186873
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 68.6 34.5 103.6

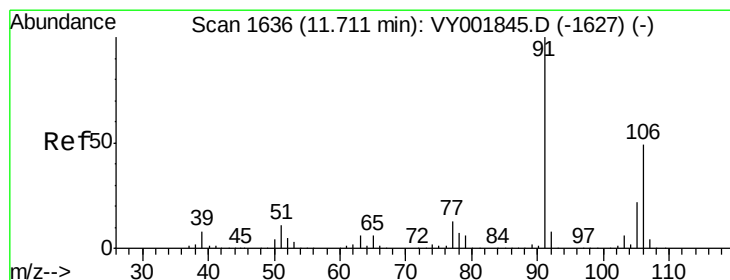
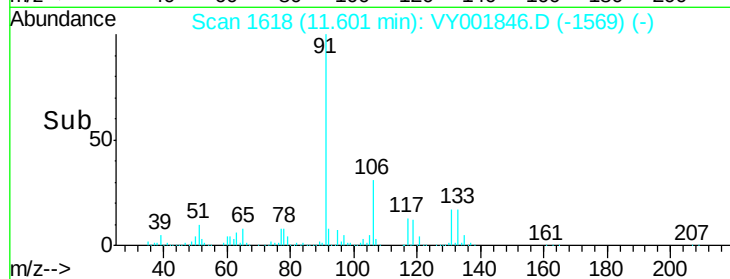
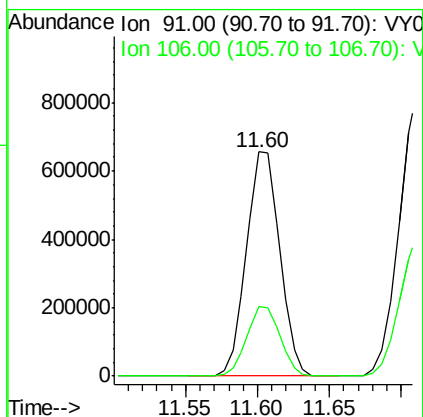
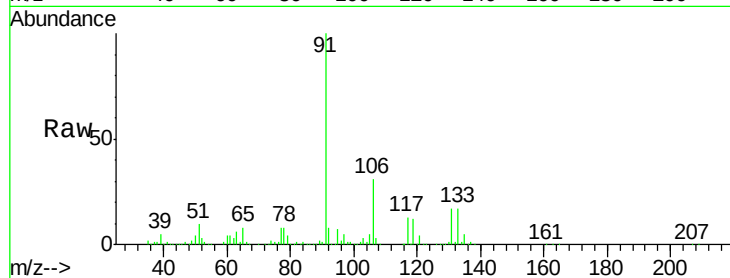




#67
Ethyl Benzene
Concen: 96.89 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

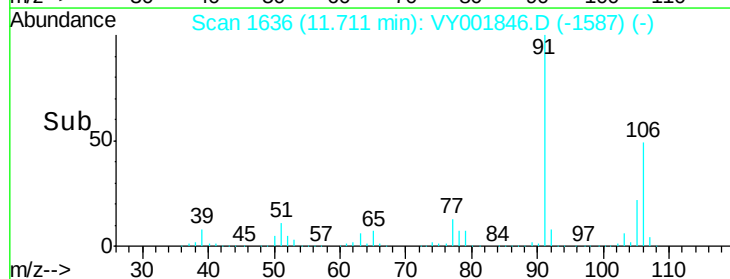
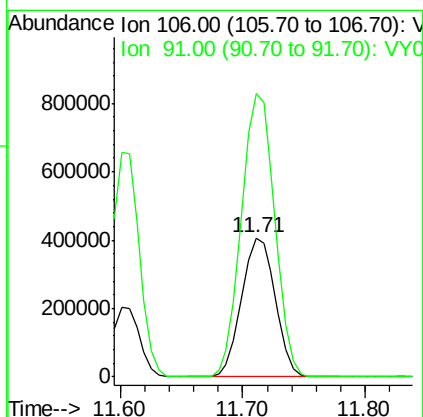
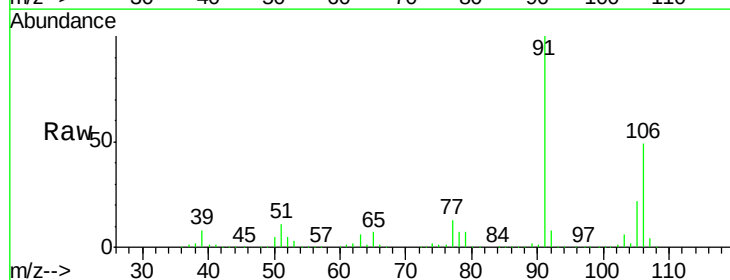
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

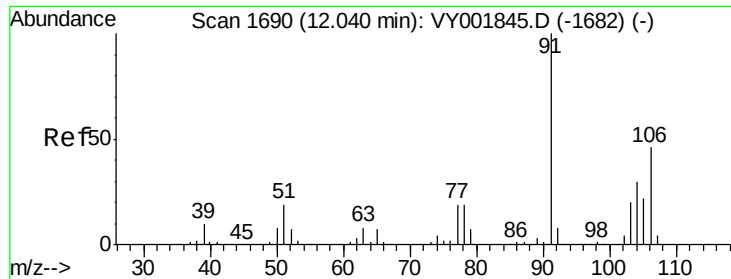
Tgt Ion: 91 Resp: 1050786
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 193.38 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion: 106 Resp: 776142
Ion Ratio Lower Upper
106 100
91 202.3 161.3 241.9

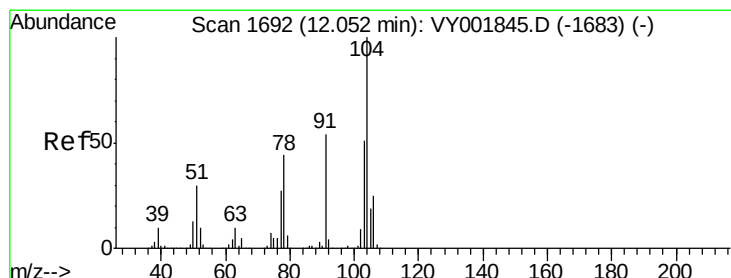
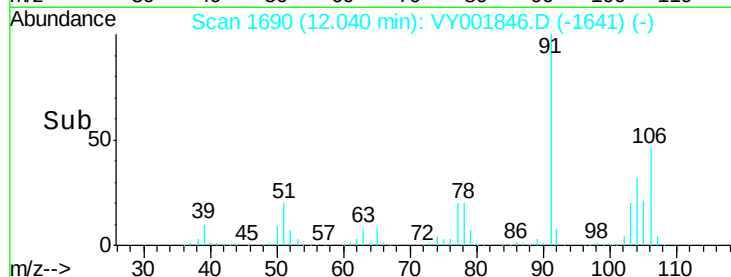
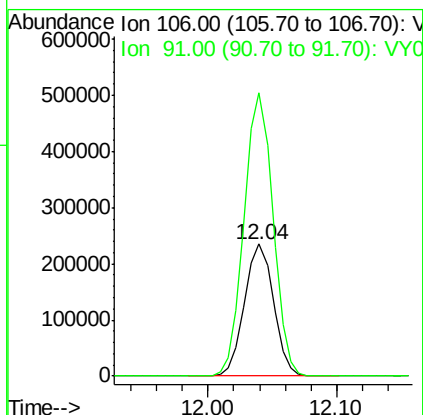
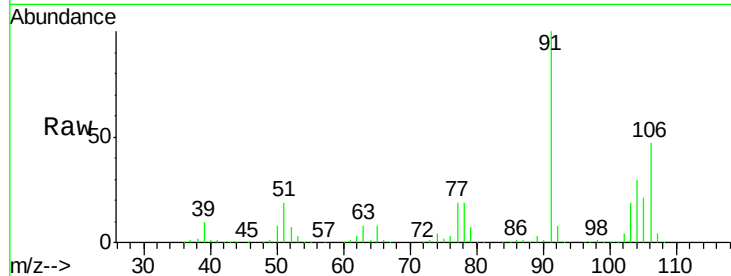




#69
o-Xylene
Concen: 97.24 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

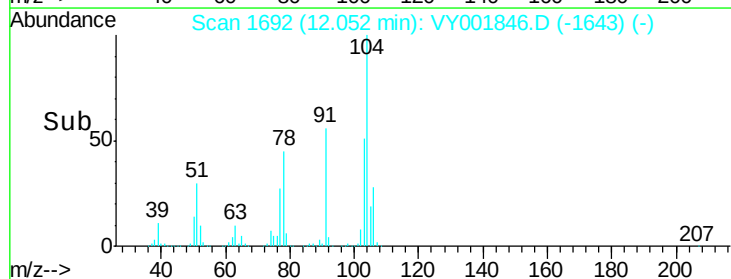
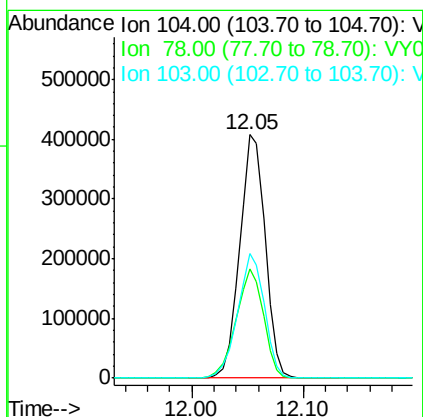
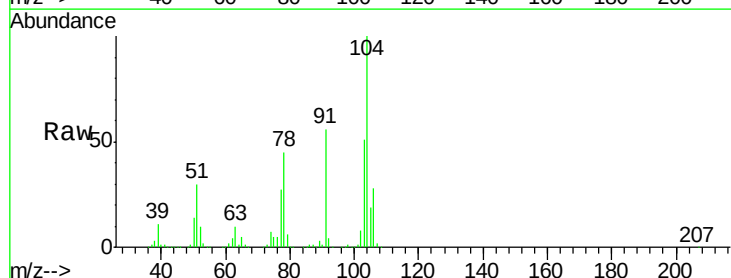
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

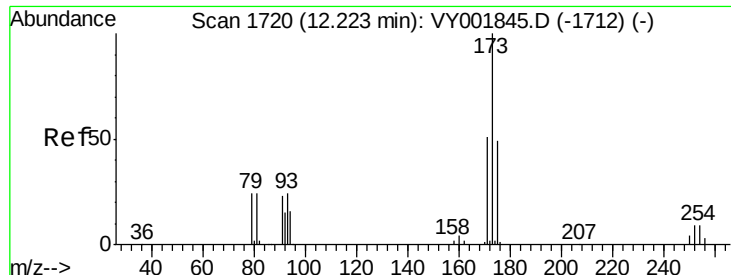
Tgt Ion:106 Resp: 367088
Ion Ratio Lower Upper
106 100
91 212.8 106.8 320.4



#70
Styrene
Concen: 98.99 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion:104 Resp: 646403
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 106.03 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

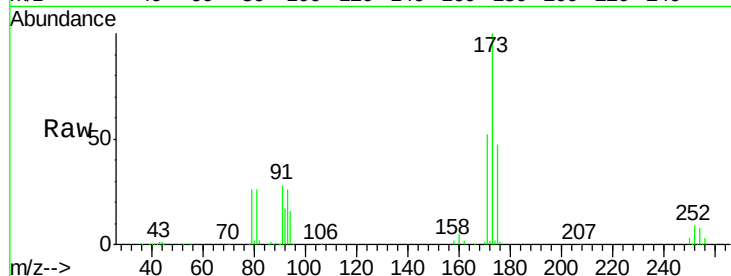
Tgt Ion:173 Resp: 109773

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

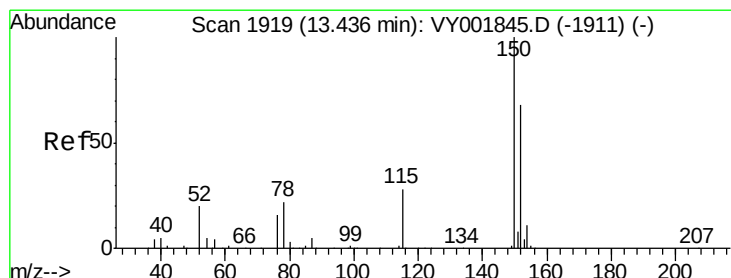
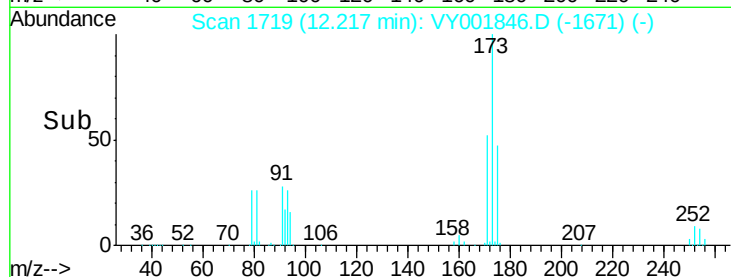
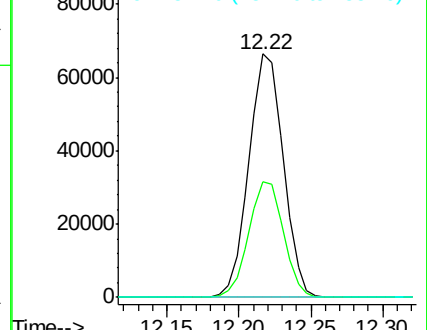
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

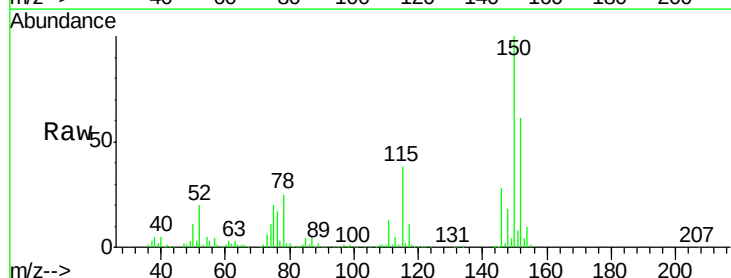
Tgt Ion:152 Resp: 132941

Ion Ratio Lower Upper

152 100

115 61.5 29.9 89.7

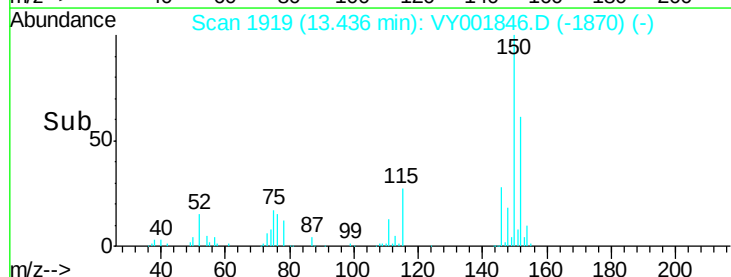
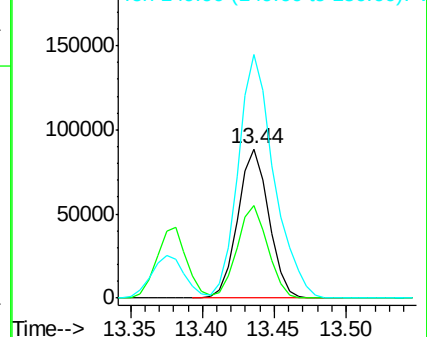
150 187.7 0.0 340.6

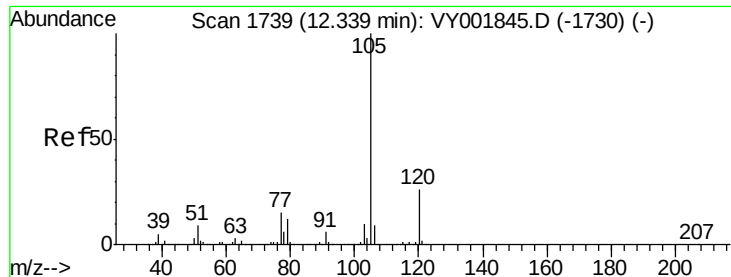


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 99.11 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

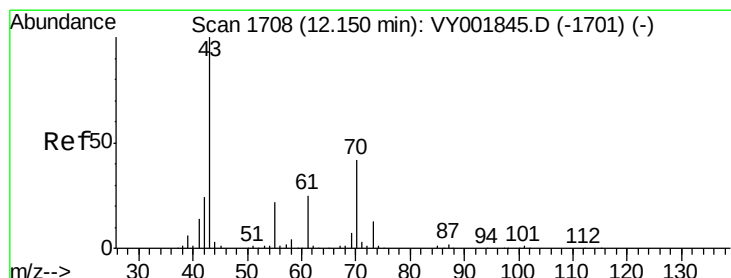
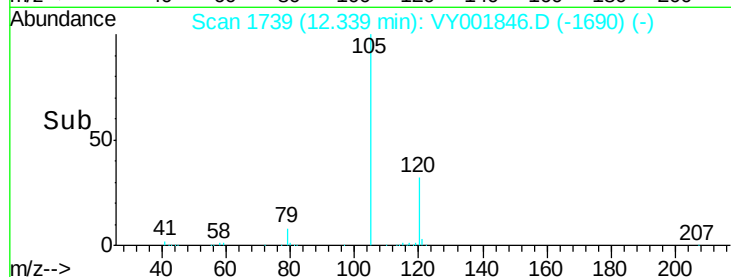
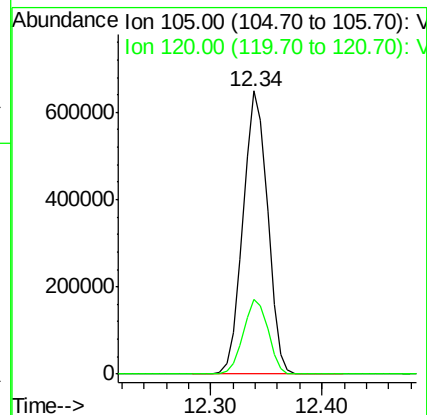
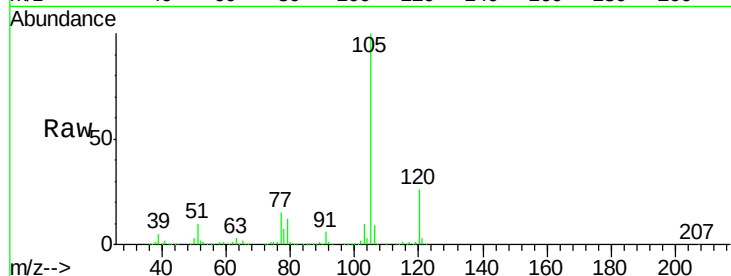
VSTDIC100

Tgt Ion: 105 Resp: 989505

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 102.77 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Tgt Ion: 43 Resp: 314604

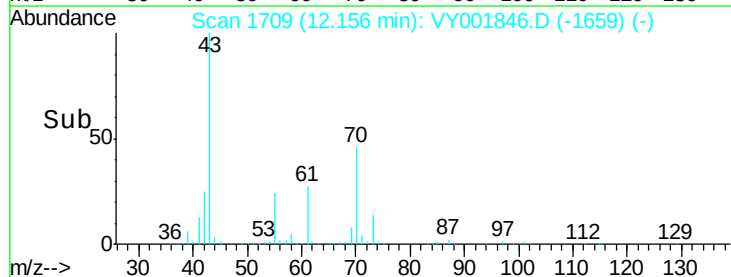
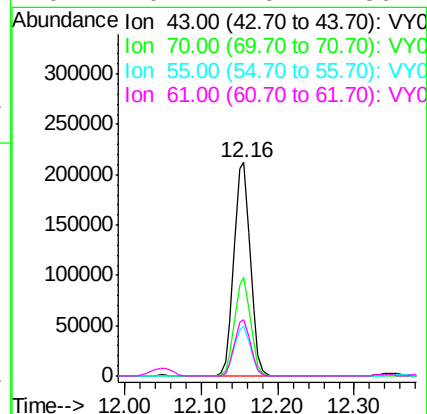
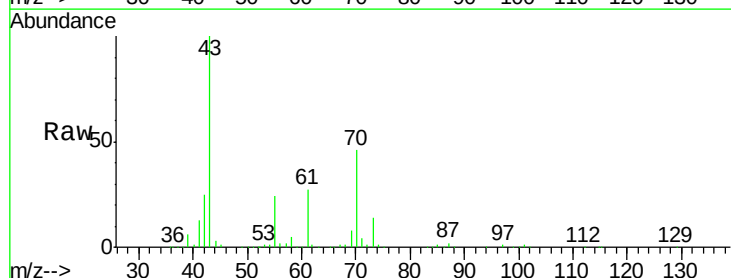
Ion Ratio Lower Upper

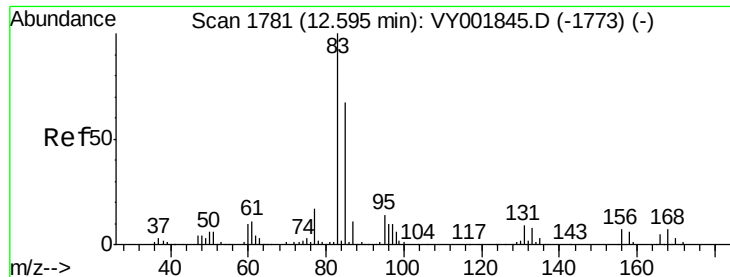
43 100

70 44.8 34.7 52.1

55 23.5 18.2 27.4

61 26.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 103.17 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

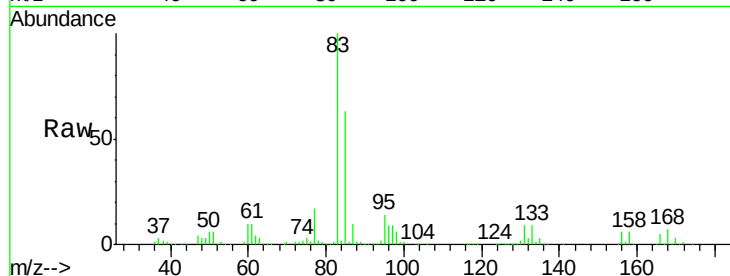
Tgt Ion: 83 Resp: 222044

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

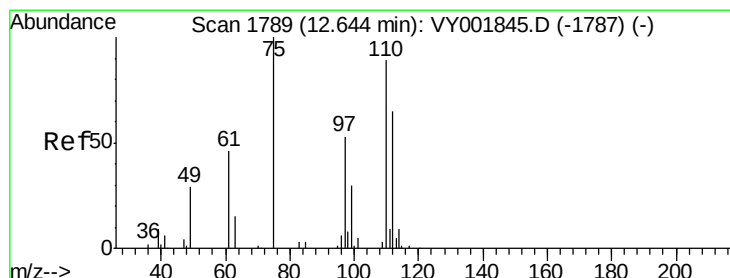
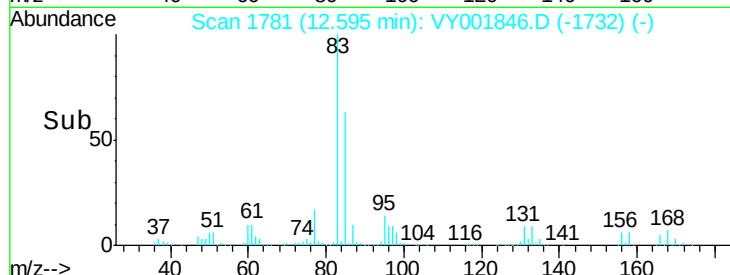
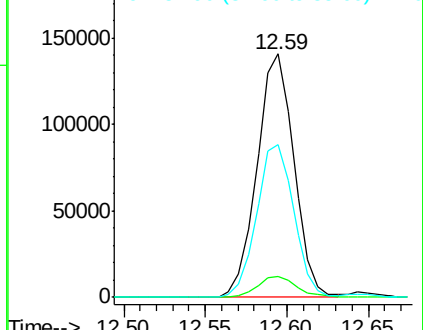
85 63.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 112.32 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY001846.D

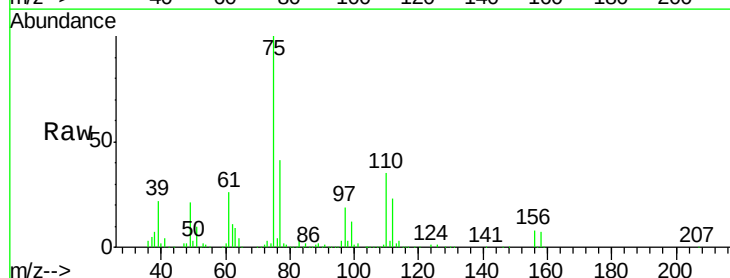
Acq: 04 Mar 2020 11:54

Tgt Ion: 75 Resp: 283694

Ion Ratio Lower Upper

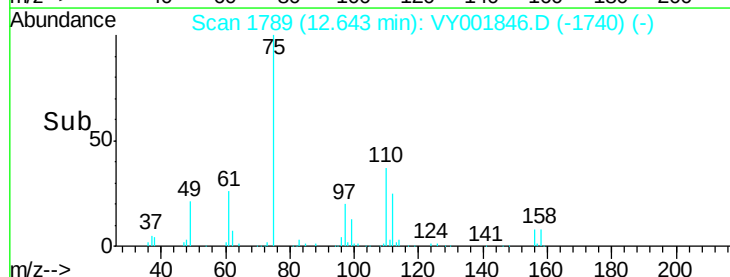
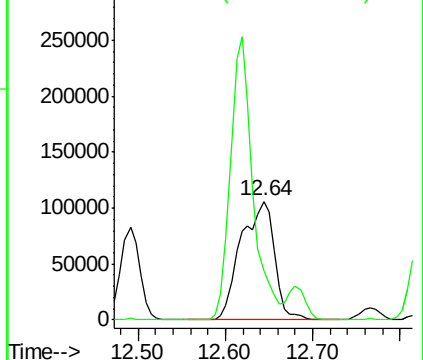
75 100

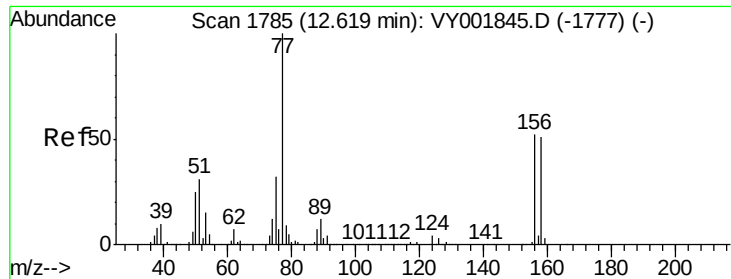
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 97.89 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

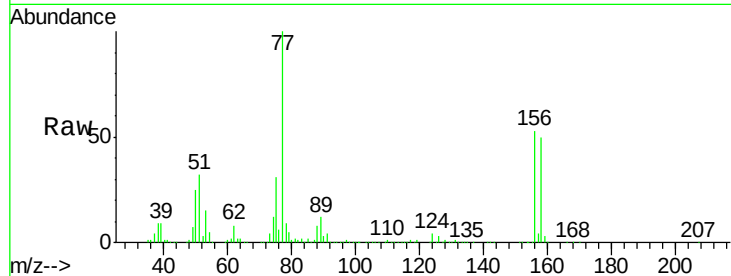
Tgt Ion: 156 Resp: 207511

Ion Ratio Lower Upper

156 100

77 218.1 109.0 327.0

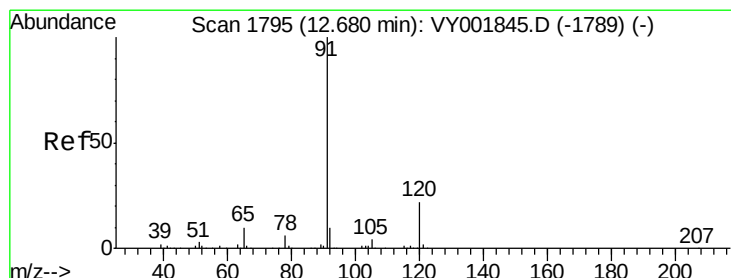
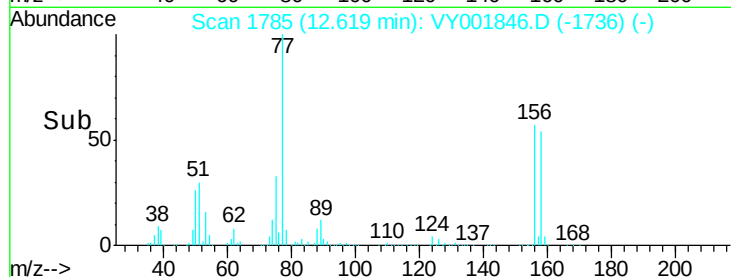
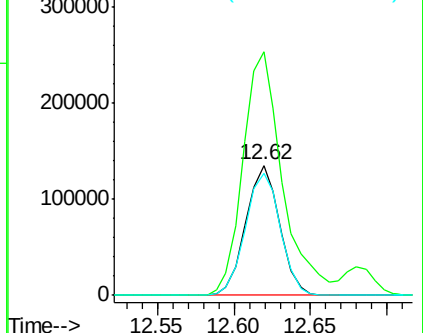
158 97.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 98.58 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001846.D

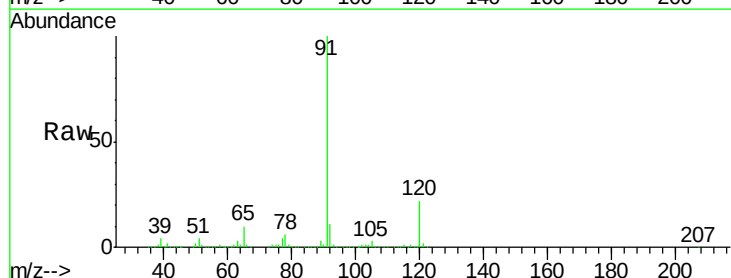
Acq: 04 Mar 2020 11:54

Tgt Ion: 91 Resp: 1213946

Ion Ratio Lower Upper

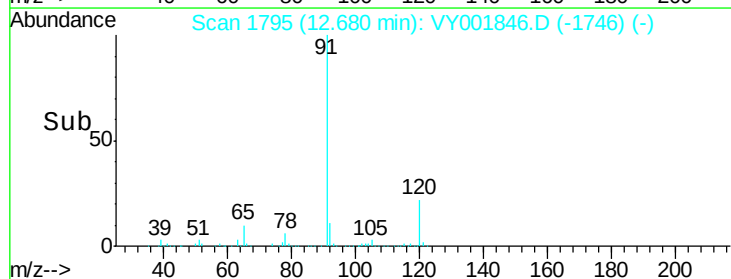
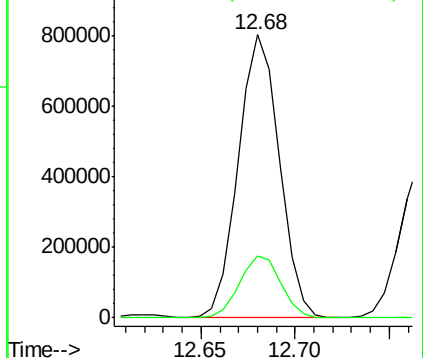
91 100

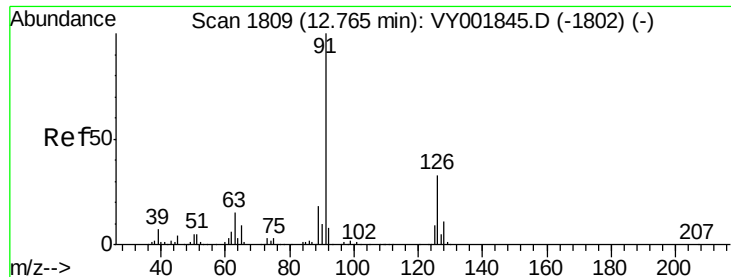
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

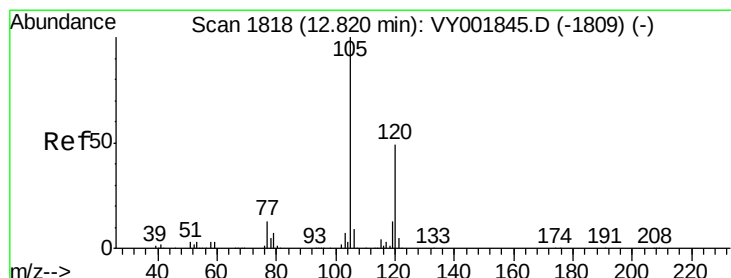
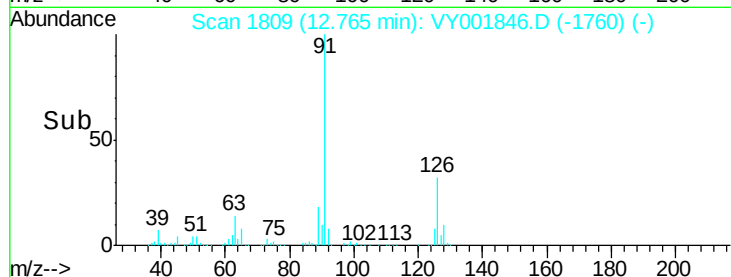
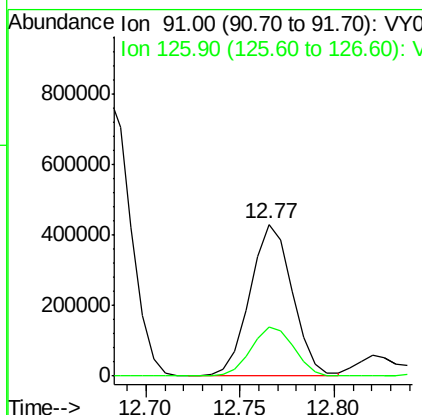
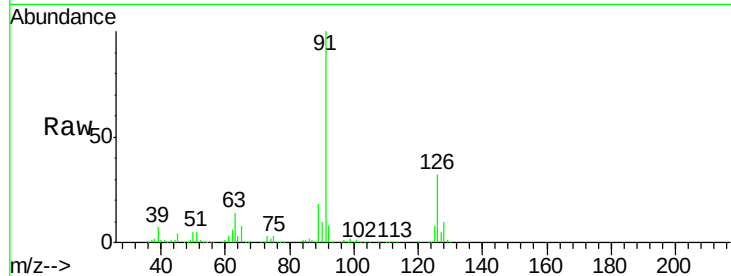




#79
 2-Chlorotoluene
 Concen: 98.51 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

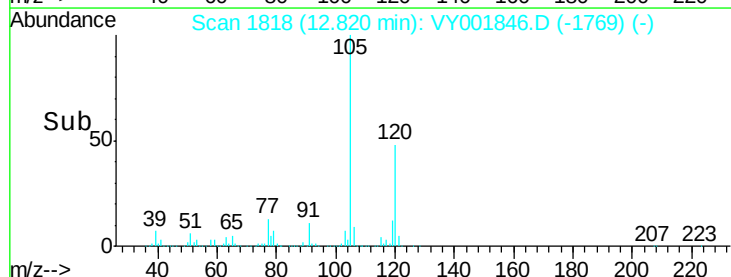
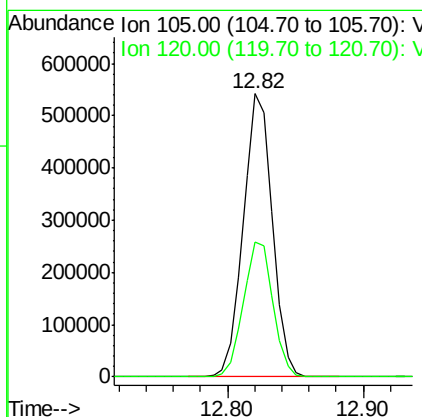
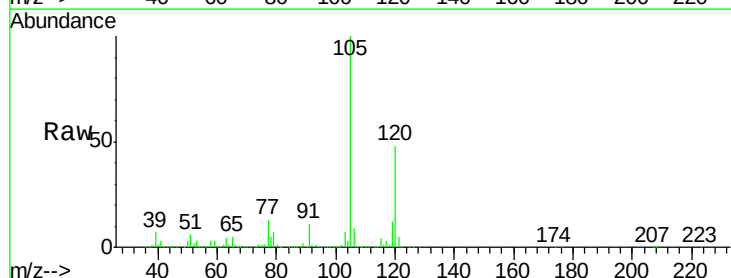
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

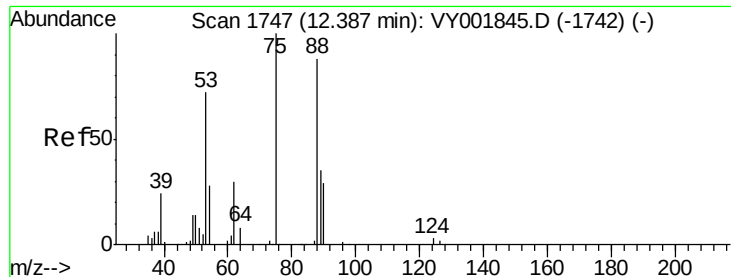
Tgt Ion: 91 Resp: 670893
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 98.76 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion: 105 Resp: 807443
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 108.98 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

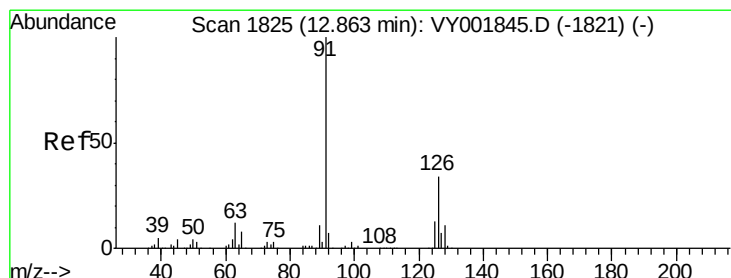
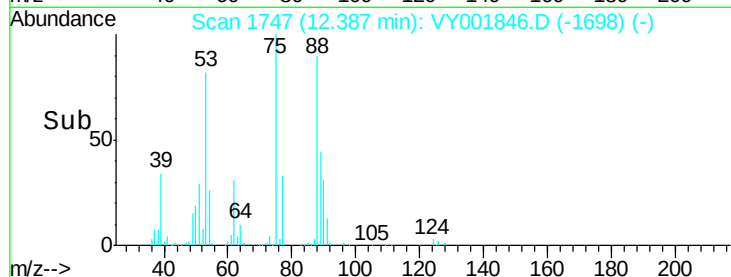
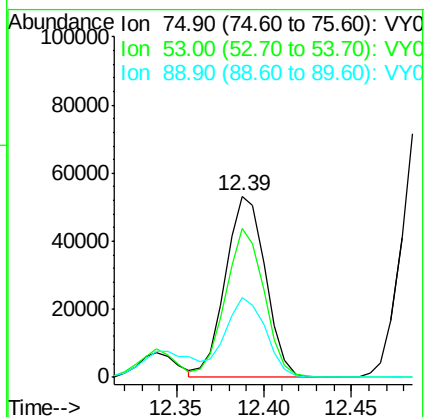
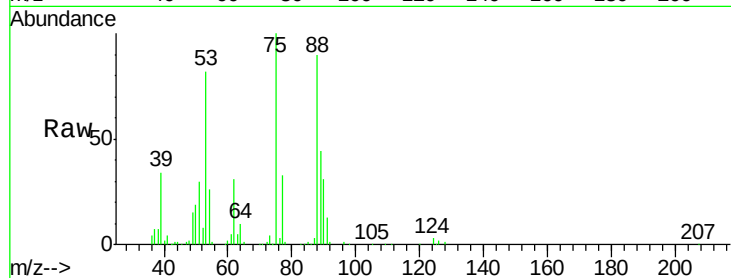
Tgt Ion: 75 Resp: 84201

Ion Ratio Lower Upper

75 100

53 80.4 65.4 98.0

89 45.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 98.61 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001846.D

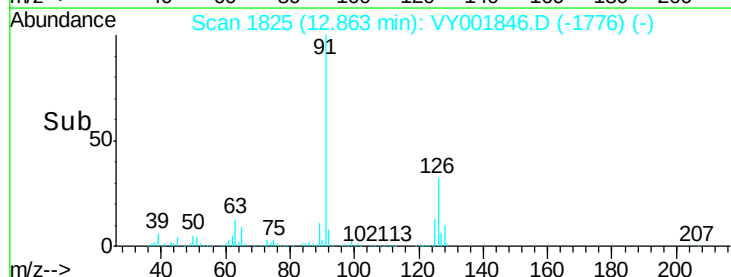
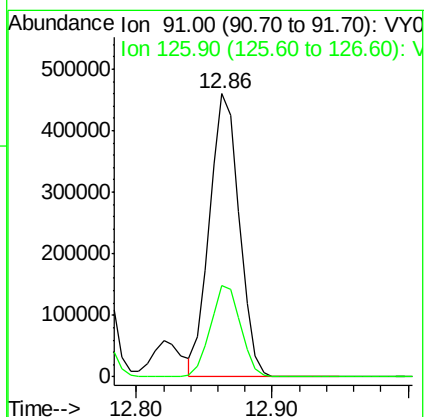
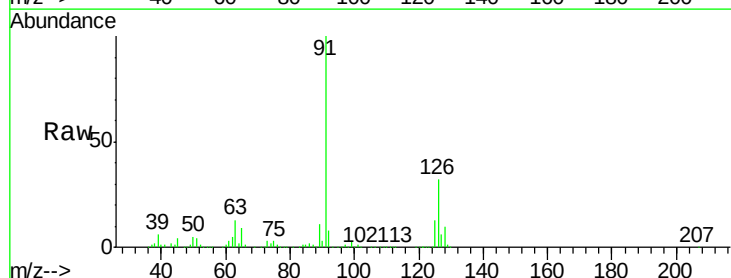
Acq: 04 Mar 2020 11:54

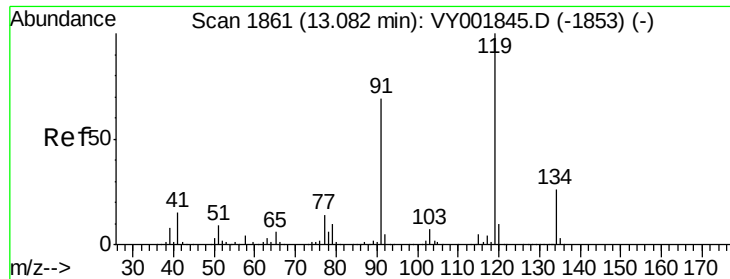
Tgt Ion: 91 Resp: 695570

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.2

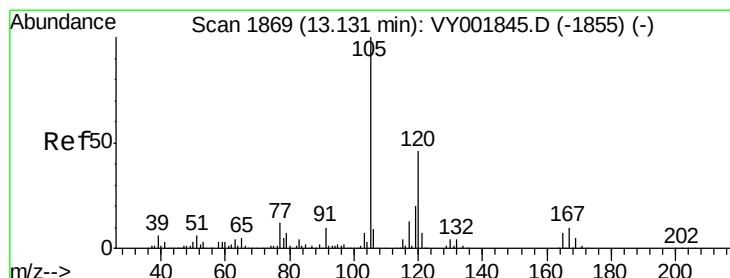
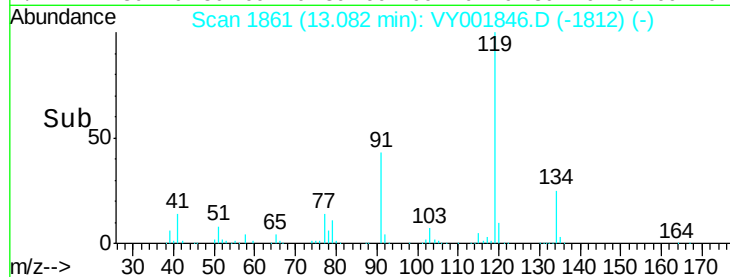
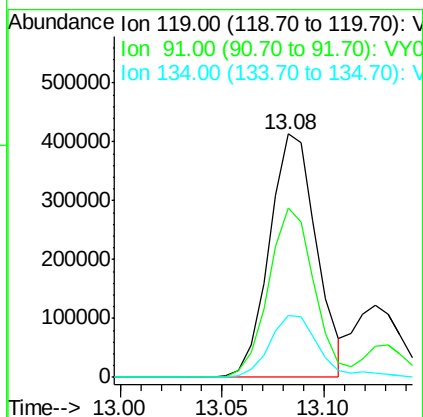
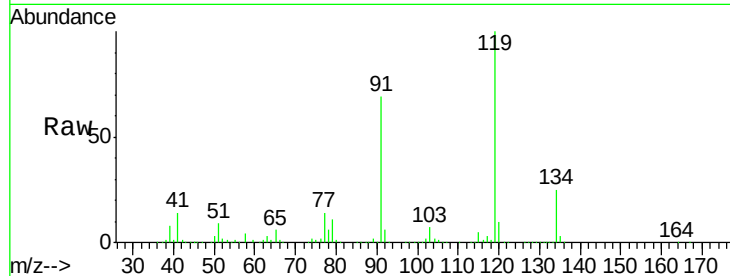




#83
 tert-Butylbenzene
 Concen: 97.18 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

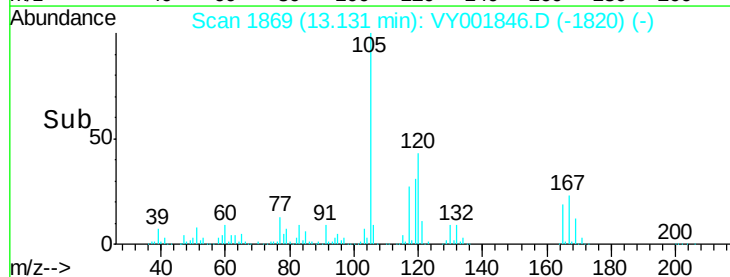
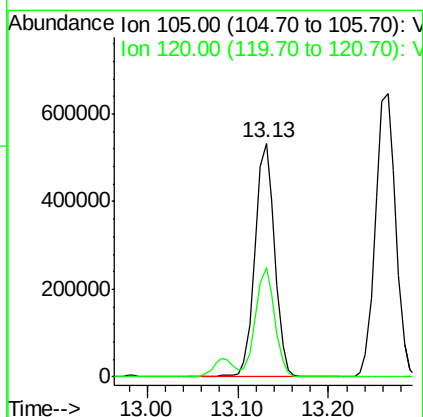
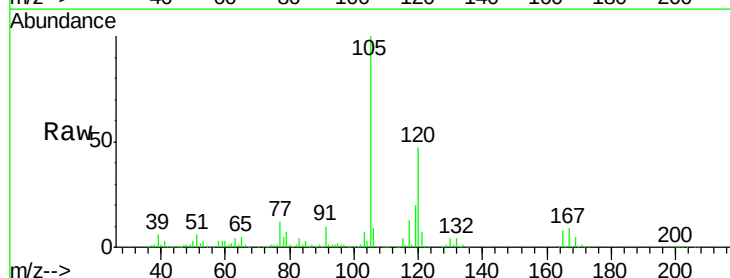
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

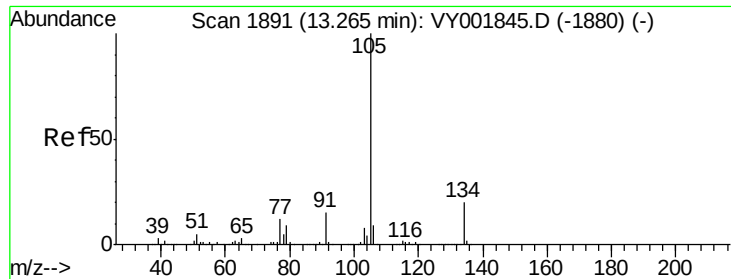
Tgt Ion:119 Resp: 663788
 Ion Ratio Lower Upper
 119 100
 91 67.6 34.0 101.8
 134 27.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 97.60 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion:105 Resp: 797751
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 98.74 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

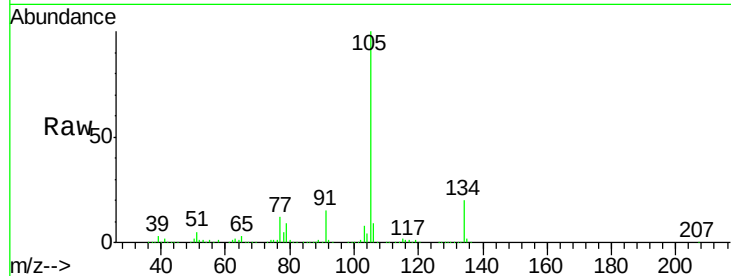
VSTDIC100

Tgt Ion:105 Resp: 995884

Ion Ratio Lower Upper

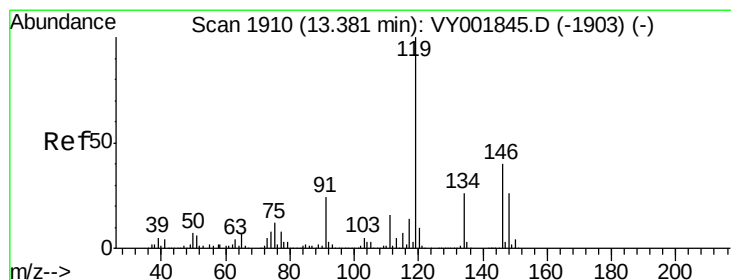
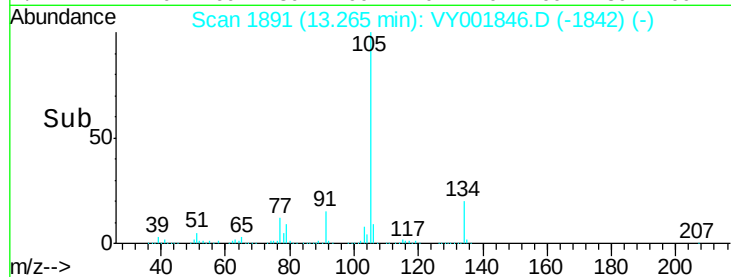
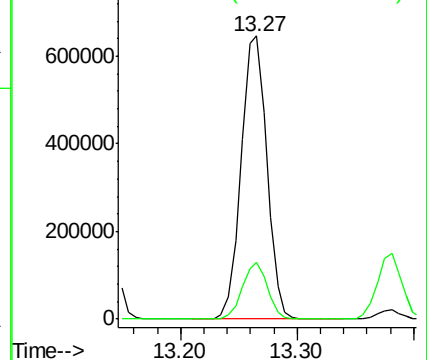
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 98.10 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

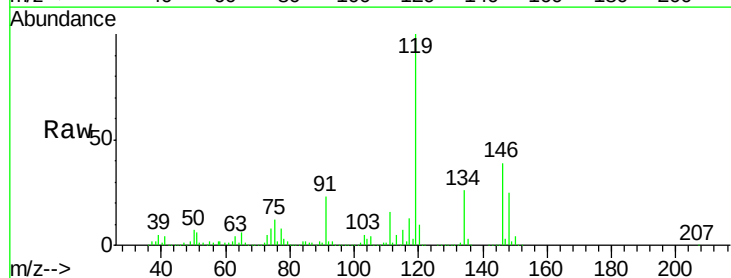
Tgt Ion:119 Resp: 849782

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

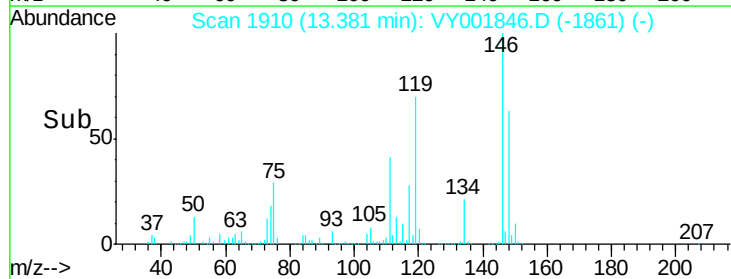
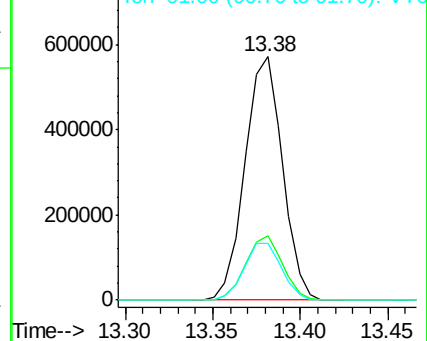
91 23.7 11.9 35.7

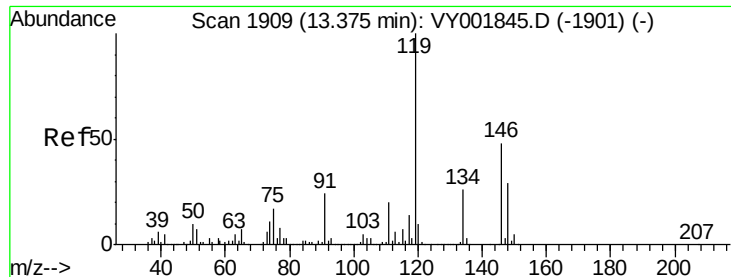


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

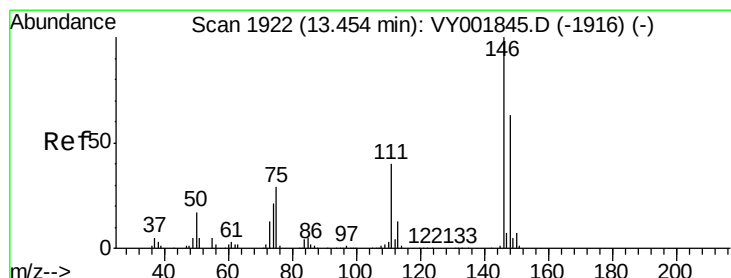
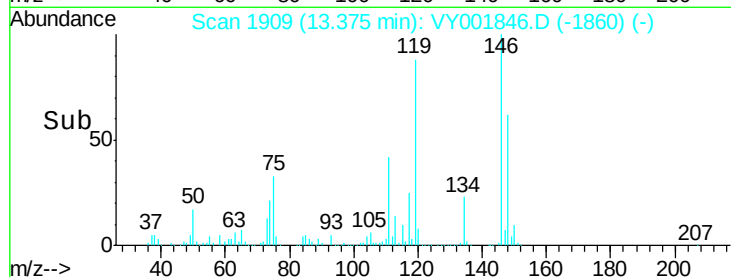
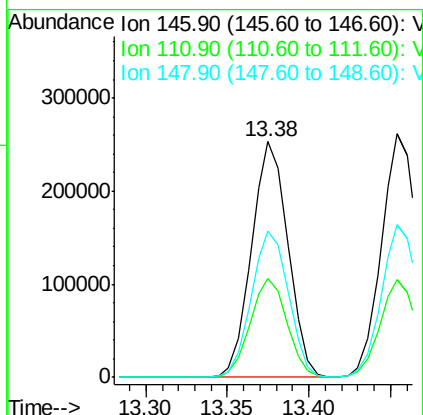
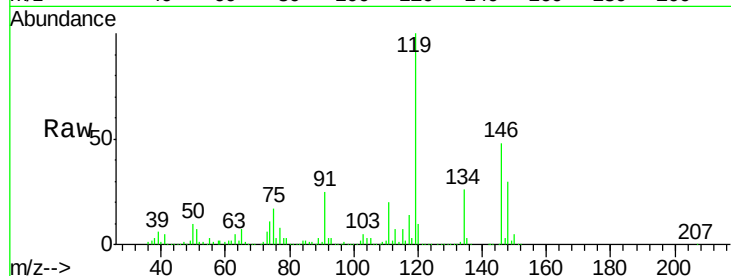




#87
 1,3-Dichlorobenzene
 Concen: 94.62 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

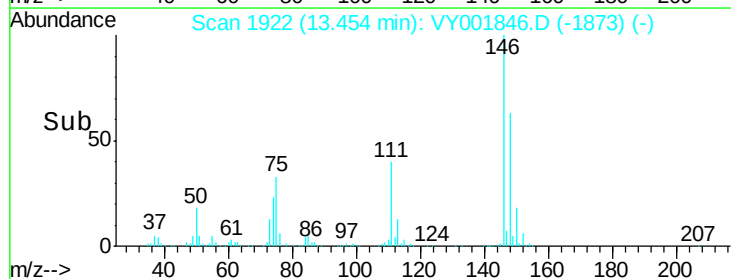
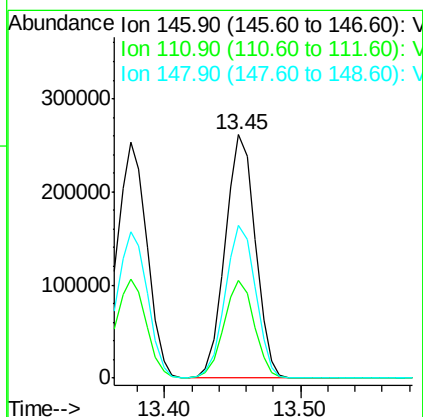
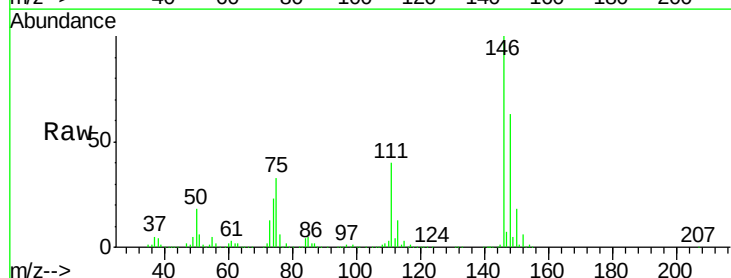
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

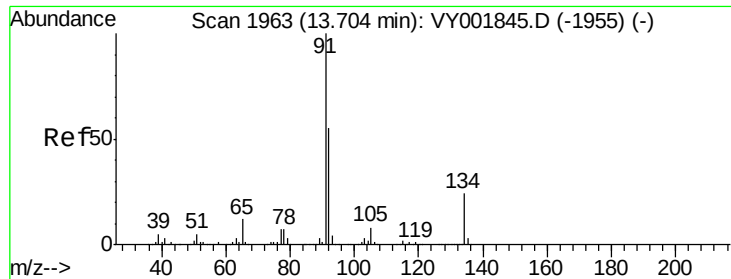
Tgt Ion:146 Resp: 394080
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 63.2 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 96.12 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion:146 Resp: 402431
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.4 31.5 94.5





#89

n-Butylbenzene

Concen: 97.69 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY001846.D

Acq: 04 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

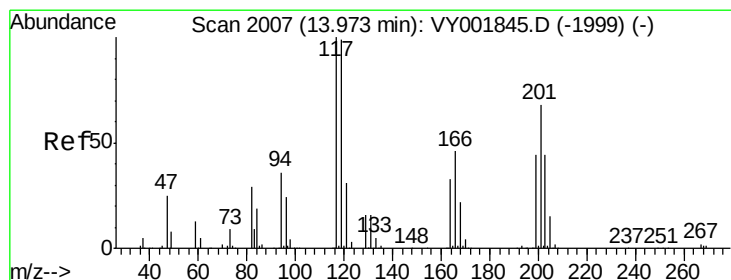
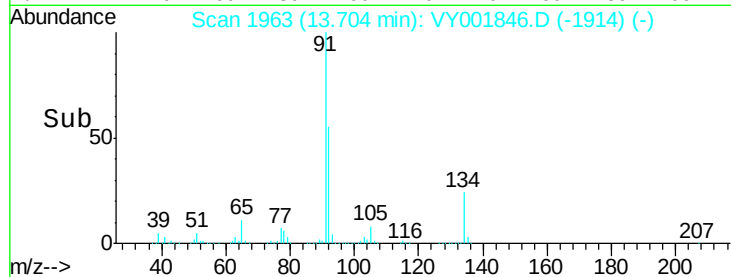
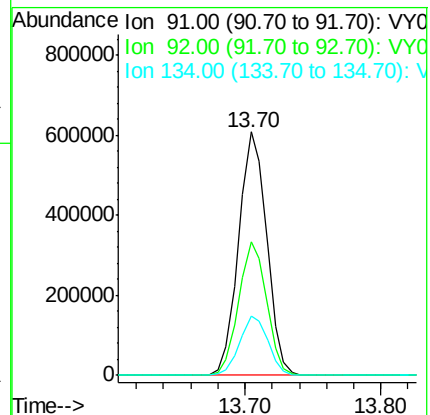
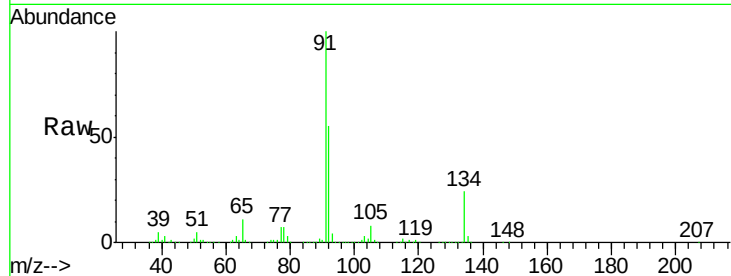
Tgt Ion: 91 Resp: 872960

Ion Ratio Lower Upper

91 100

92 54.6 27.5 82.4

134 24.6 12.5 37.5



#90

Hexachloroethane

Concen: 100.99 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VY001846.D

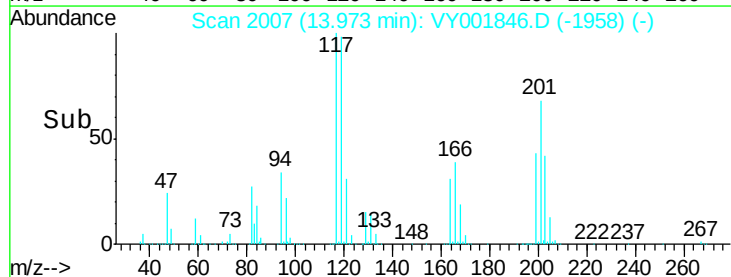
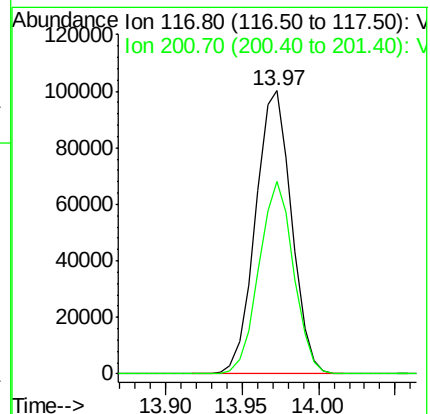
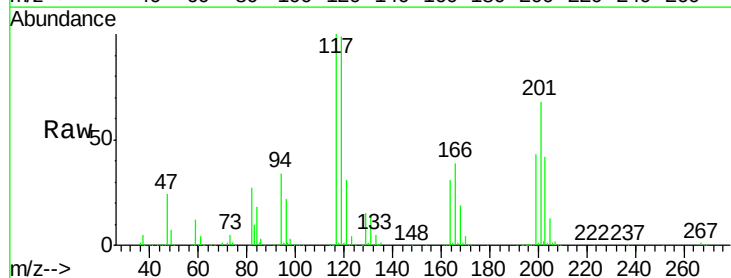
Acq: 04 Mar 2020 11:54

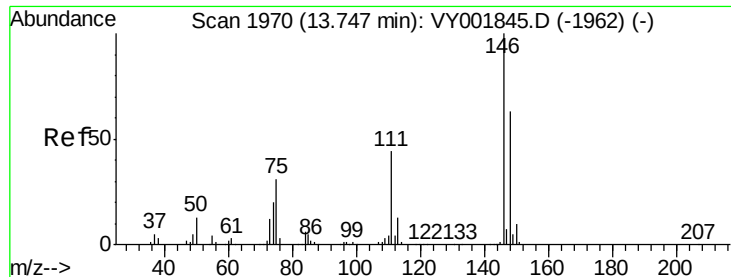
Tgt Ion: 117 Resp: 163910

Ion Ratio Lower Upper

117 100

201 65.6 32.5 97.5

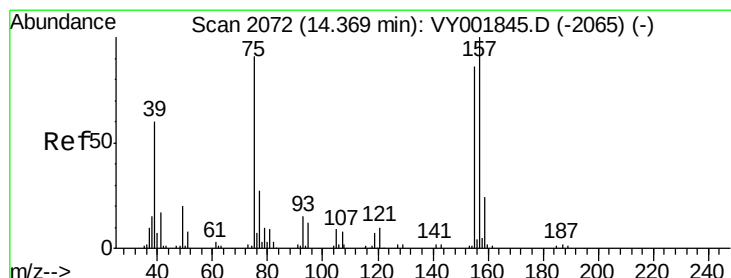
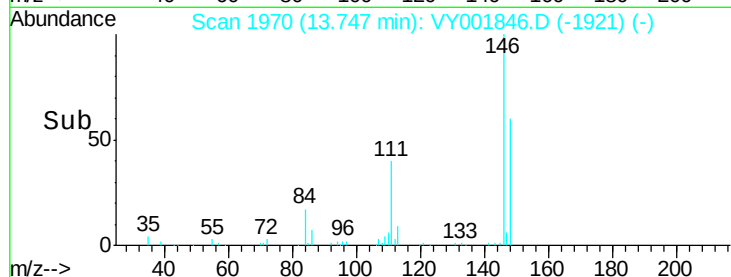
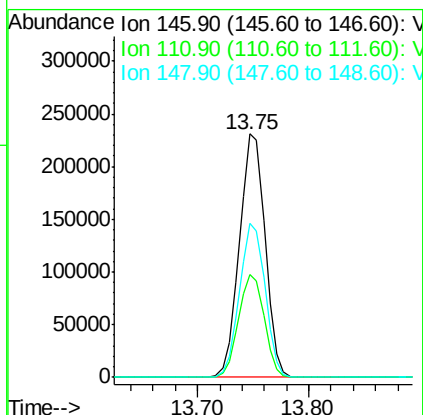
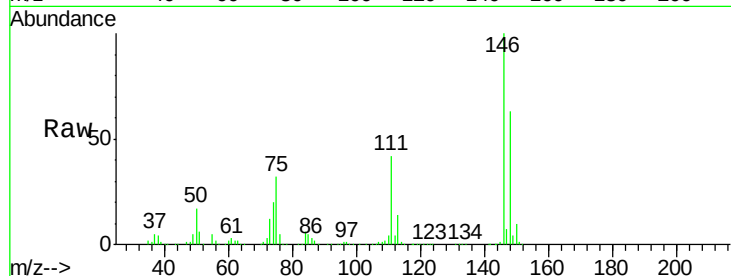




#91
 1,2-Dichlorobenzene
 Concen: 98.31 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

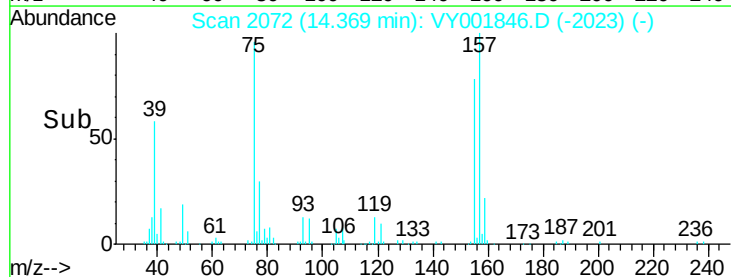
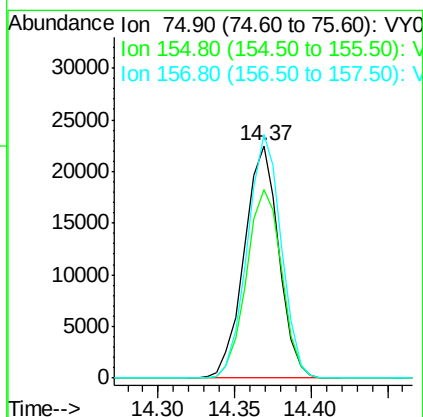
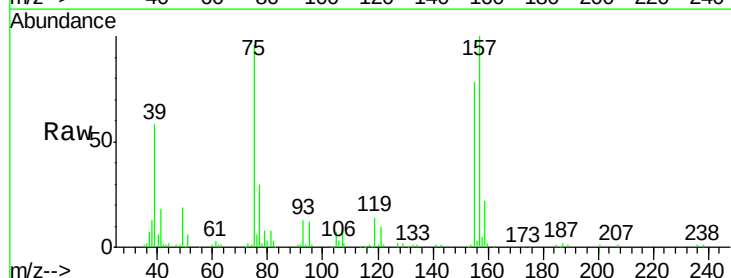
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

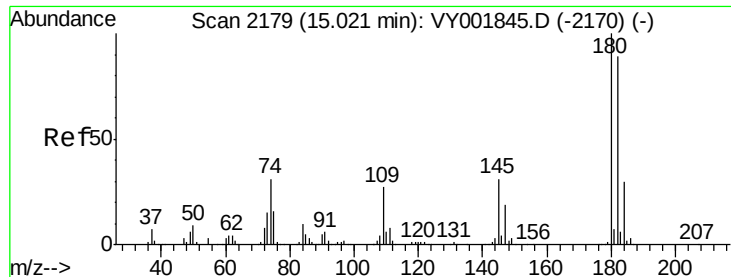
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.5	64.5
148	62.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.61 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.9	128.7
157	102.4	53.1	159.4

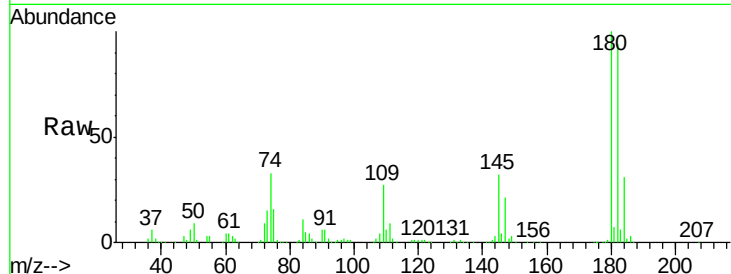




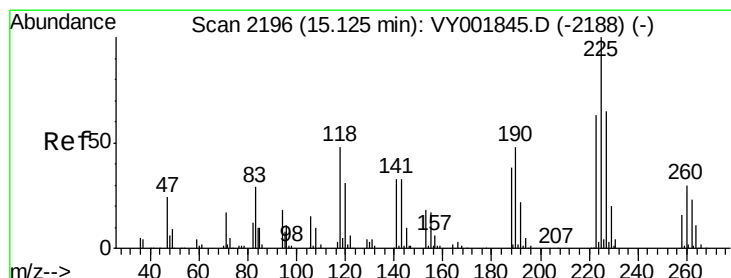
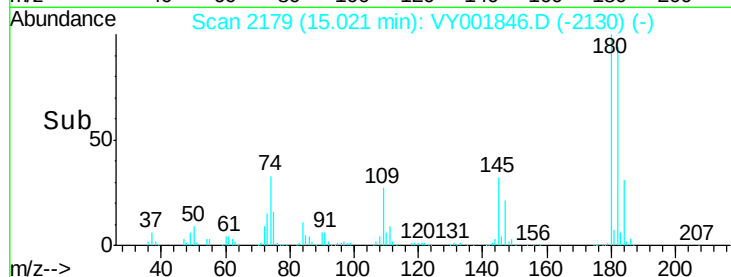
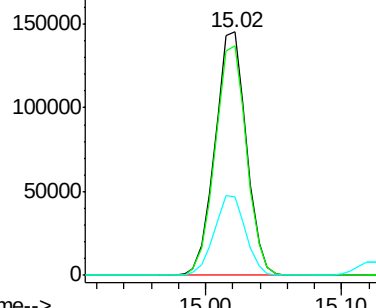
#93
 1,2,4-Trichlorobenzene
 Concen: 95.21 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.1	138.3
145	32.8	15.6	46.8

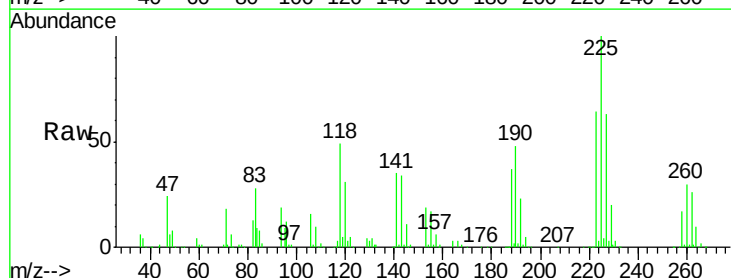


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

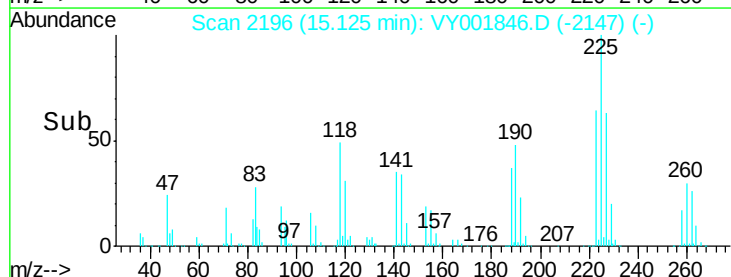
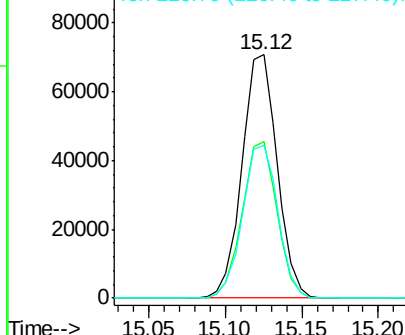


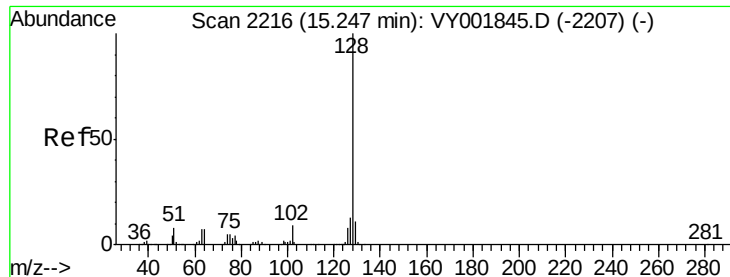
#94
 Hexachlorobutadiene
 Concen: 94.80 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VY001846.D
 Acq: 04 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.5	94.5
227	63.4	31.9	95.5



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

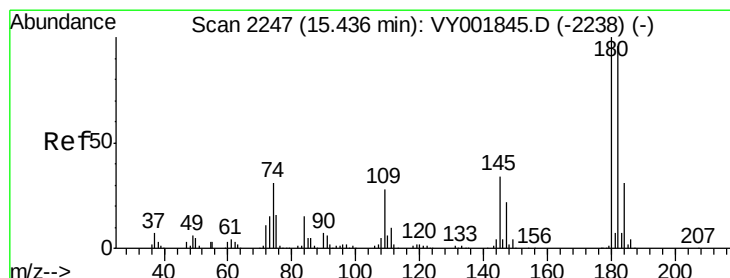
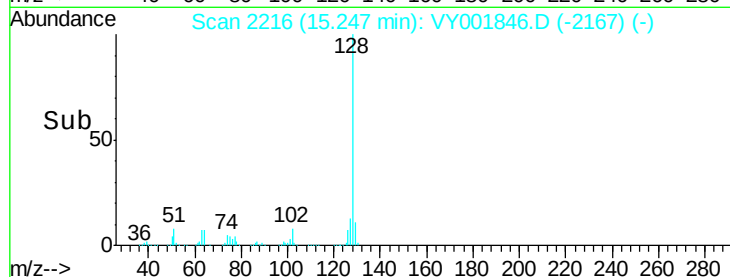
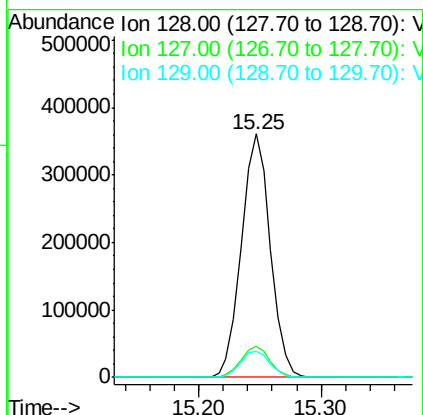
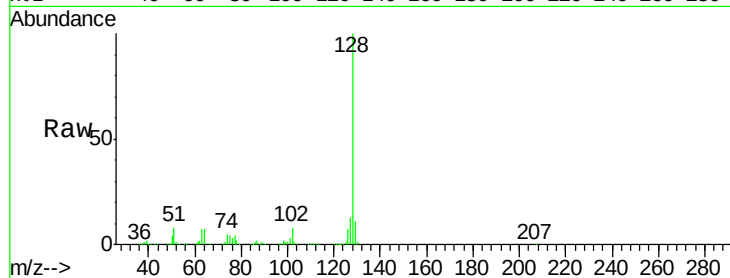




#95
Naphthalene
Concen: 102.17 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 589068
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 97.77 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY001846.D
Acq: 04 Mar 2020 11:54

Tgt Ion:180 Resp: 211728
Ion Ratio Lower Upper
180 100
182 93.7 47.6 142.9
145 33.7 16.8 50.3

