

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030420\
 Data File : VY001847.D
 Acq On : 04 Mar 2020 12:16
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 04 17:26:42 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	184554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	338579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	129098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	279513	142.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.44%	
35) Dibromofluoromethane	7.74	113	268780	145.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.66%	
50) Toluene-d8	10.19	98	1123365	144.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.44%	
62) 4-Bromofluorobenzene	12.49	95	377959	139.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	231014	137.75	ug/l	97
3) Chloromethane	2.13	50	308216	137.52	ug/l	100
4) Vinyl Chloride	2.26	62	322679	141.11	ug/l	100
5) Bromomethane	2.65	94	182108	121.54	ug/l	96
6) Chloroethane	2.80	64	199527	137.73	ug/l	97
7) Trichlorofluoromethane	3.14	101	436928	138.77	ug/l	96
8) Diethyl Ether	3.55	74	175836	143.66	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	288005	144.03	ug/l	100
10) Methyl Iodide	4.12	142	365367	157.44	ug/l	99
11) Tert butyl alcohol	4.99	59	142197	627.71	ug/l	100
12) 1,1-Dichloroethene	3.90	96	297075	147.20	ug/l	98
13) Acrolein	3.76	56	187705	683.96	ug/l	99
14) Allyl chloride	4.51	41	520497	144.19	ug/l	99
15) Acrylonitrile	5.20	53	463585	709.01	ug/l	99
16) Acetone	3.97	43	394334	702.60	ug/l	97
17) Carbon Disulfide	4.22	76	1002007	148.27	ug/l	100
18) Methyl Acetate	4.51	43	200807	139.66	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	792728	145.00	ug/l	96
20) Methylene Chloride	4.75	84	323352	132.96	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	332066	145.49	ug/l	97
22) Diisopropyl ether	6.15	45	1019661	139.97	ug/l	97
23) Vinyl Acetate	6.10	43	3387401	707.98	ug/l	97
24) 1,1-Dichloroethane	6.05	63	567422	144.00	ug/l	99
25) 2-Butanone	7.02	43	603720	698.34	ug/l	98
26) 2,2-Dichloropropane	7.02	77	472589	144.26	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	359761	145.14	ug/l	99
28) Bromochloromethane	7.36	49	259373	143.84	ug/l	96
29) Tetrahydrofuran	7.38	42	390475	686.10	ug/l	96
30) Chloroform	7.53	83	535229	143.29	ug/l	100
31) Cyclohexane	7.81	56	584071	137.50	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	459700	145.62	ug/l	99
36) 1,1-Dichloropropene	7.94	75	453192	142.50	ug/l	98
37) Ethyl Acetate	7.10	43	257344	135.87	ug/l	99
38) Carbon Tetrachloride	7.93	117	391303	143.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	614669	144.60	ug/l	99
40) Benzene	8.18	78	1337994	141.52	ug/l	99
41) Methacrylonitrile	7.37	41	346094	154.42	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	342583	140.39	ug/l	100
43) Isopropyl Acetate	8.30	43	499609	141.82	ug/l	100
44) Trichloroethene	8.96	130	328842	142.50	ug/l	98
45) 1,2-Dichloropropane	9.24	63	336664	141.11	ug/l	100
46) Dibromomethane	9.32	93	173538	140.39	ug/l	99
47) Bromodichloromethane	9.52	83	414545	145.08	ug/l	98
48) Methyl methacrylate	9.31	41	221512	138.75	ug/l	95
49) 1,4-Dioxane	9.32	88	46893	2877.02	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	1255447	691.58	ug/l	99
52) Toluene	10.26	92	821462	143.30	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	462316	148.15	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	539904	145.17	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	254596	141.16	ug/l	97
56) Ethyl methacrylate	10.52	69	389061	148.03	ug/l	99
57) 1,3-Dichloropropane	10.80	76	449025	140.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	627176	588.23	ug/l	100
59) 2-Hexanone	10.85	43	890846	690.18	ug/l	98
60) Dibromochloromethane	11.00	129	278481	146.91	ug/l	100
61) 1,2-Dibromoethane	11.10	107	243950	144.72	ug/l	100
64) Tetrachloroethene	10.73	164	252790	137.92	ug/l	99
65) Chlorobenzene	11.53	112	824317	142.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	275496	145.64	ug/l	99
67) Ethyl Benzene	11.60	91	1533551	141.48	ug/l	98
68) m/p-Xylenes	11.71	106	1127923	281.17	ug/l	99
69) o-Xylene	12.04	106	532610	141.16	ug/l	100
70) Styrene	12.05	104	937953	143.72	ug/l	100
71) Bromoform	12.22	173	160534	155.14	ug/l #	99
73) Isopropylbenzene	12.34	105	1444141	148.96	ug/l	99
74) N-amyl acetate	12.15	43	436326	146.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	309357	148.02	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	398390	162.43	ug/l #	100
77) Bromobenzene	12.62	156	299509	145.49	ug/l	100
78) n-propylbenzene	12.68	91	1767754	147.83	ug/l	100
79) 2-Chlorotoluene	12.77	91	973245	147.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	1172047	147.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	118674	158.17	ug/l	97
82) 4-Chlorotoluene	12.86	91	1012250	147.77	ug/l	100
83) tert-Butylbenzene	13.08	119	966400	145.69	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	1148164	144.65	ug/l	100
85) sec-Butylbenzene	13.26	105	1427259	145.72	ug/l	100
86) p-Isopropyltoluene	13.38	119	1206103	143.38	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	559192	138.26	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	573304	141.01	ug/l	99
89) n-Butylbenzene	13.70	91	1259676	145.17	ug/l	99
90) Hexachloroethane	13.97	117	240742	152.75	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	519779	142.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	46783	143.88	ug/l	97

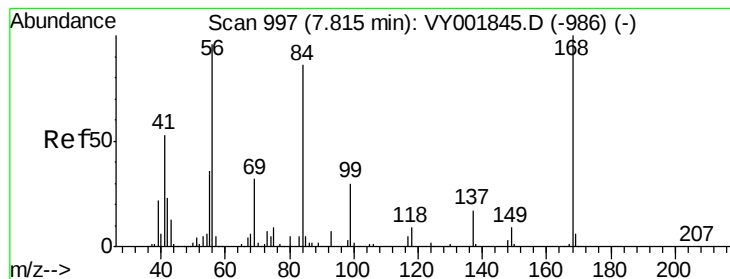
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	336551	141.38	ug/l	98
94) Hexachlorobutadiene	15.12	225	160995	139.04	ug/l	100
95) Naphthalene	15.25	128	834482	149.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	297901	141.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

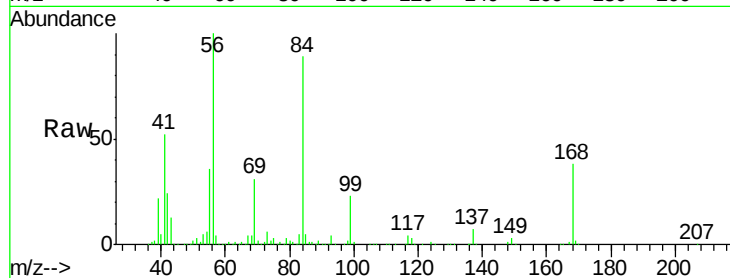
VSTDIC150

Tgt Ion:168 Resp: 184554

Ion Ratio Lower Upper

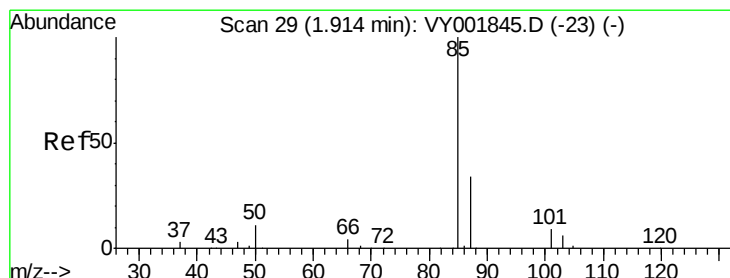
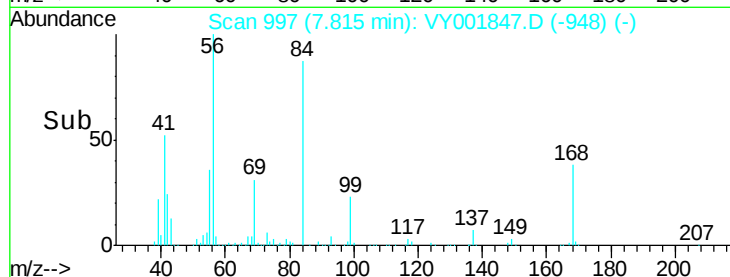
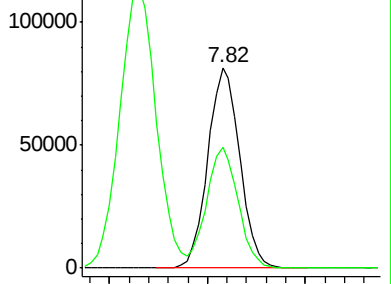
168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001847.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001847.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 137.75 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001847.D

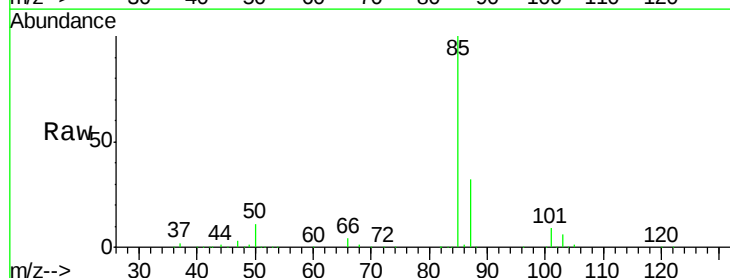
Acq: 04 Mar 2020 12:16

Tgt Ion: 85 Resp: 231014

Ion Ratio Lower Upper

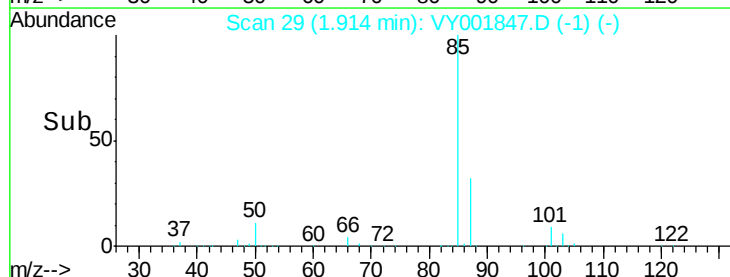
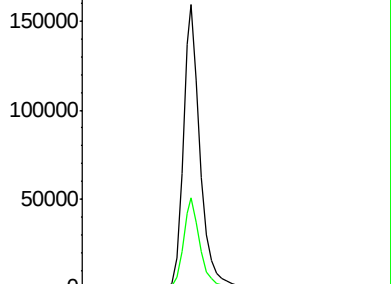
85 100

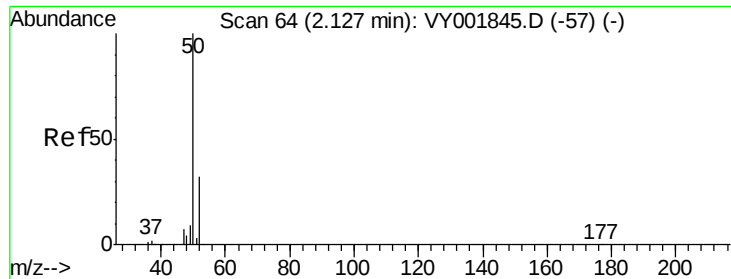
87 32.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001847.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001847.D (-23) (-)





#3

Chloromethane

Concen: 137.52 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

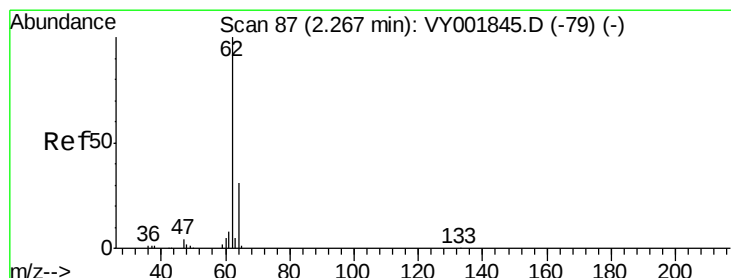
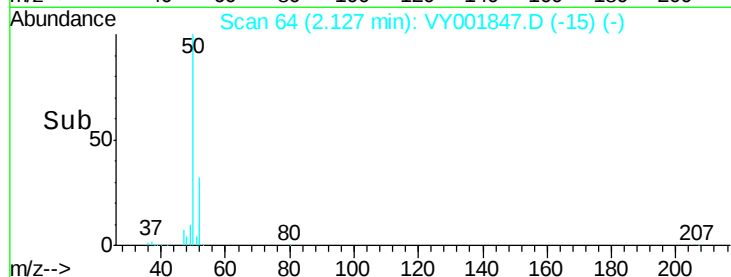
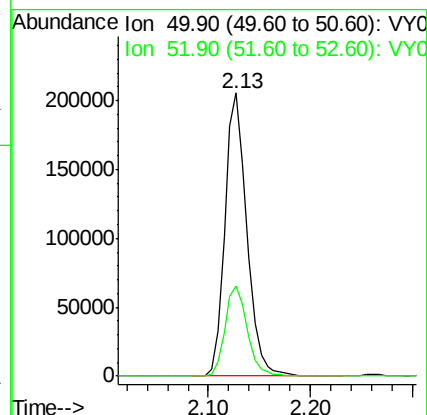
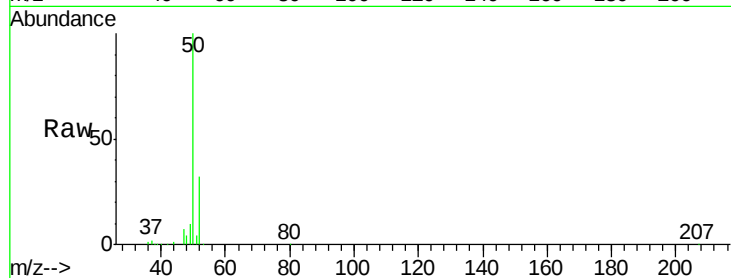
VSTDIC150

Tgt Ion: 50 Resp: 308216

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 141.11 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001847.D

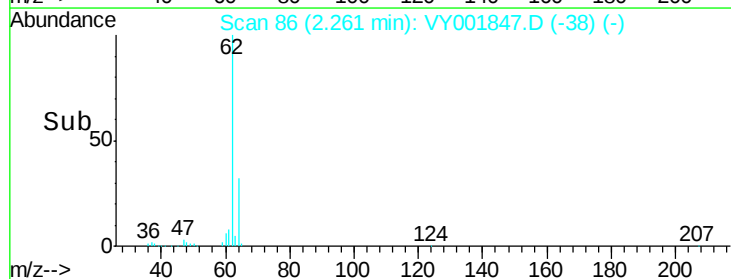
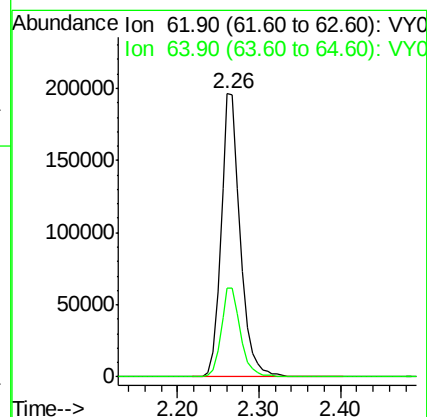
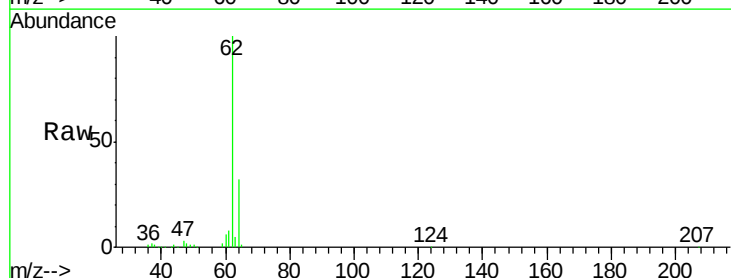
Acq: 04 Mar 2020 12:16

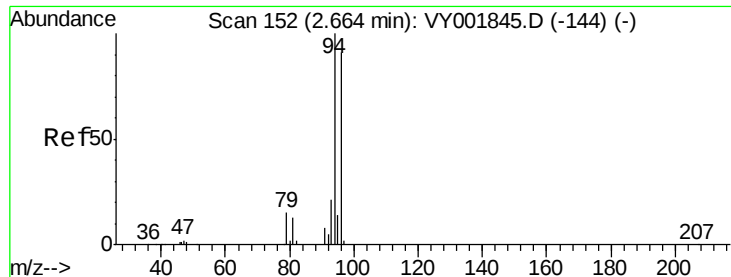
Tgt Ion: 62 Resp: 322679

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 121.54 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

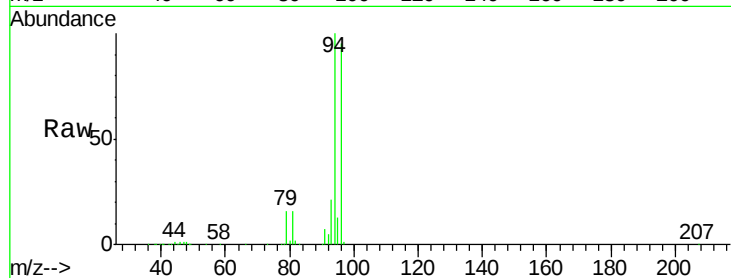
VSTDIC150

Tgt Ion: 94 Resp: 182108

Ion Ratio Lower Upper

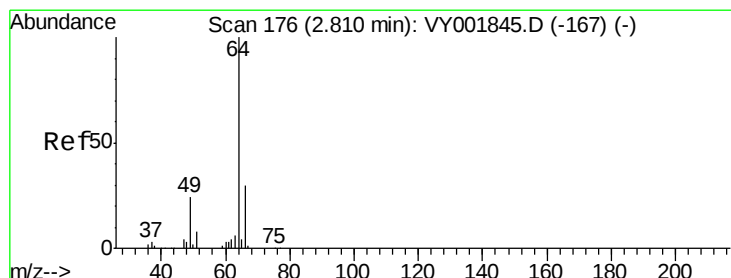
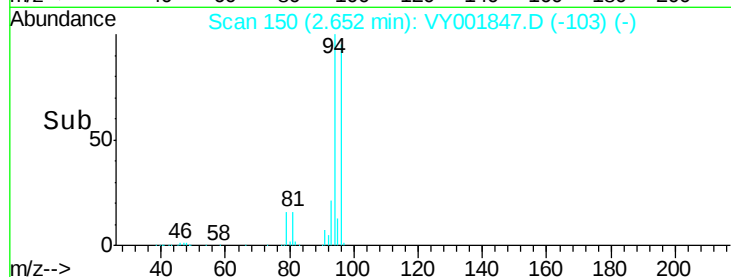
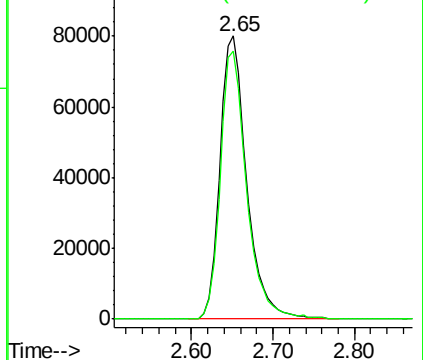
94 100

96 94.9 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: 137.73 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001847.D

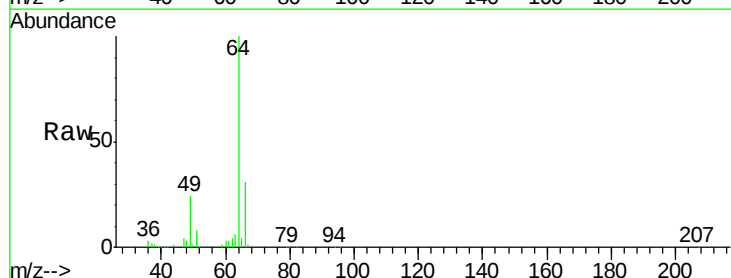
Acq: 04 Mar 2020 12:16

Tgt Ion: 64 Resp: 199527

Ion Ratio Lower Upper

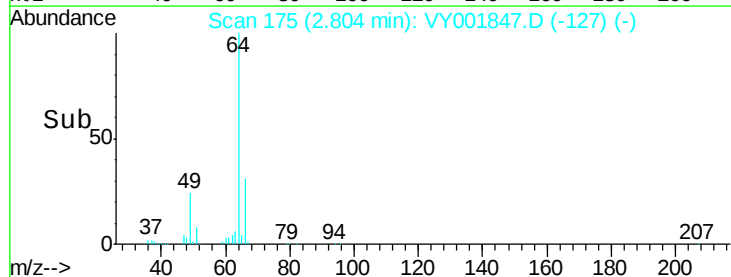
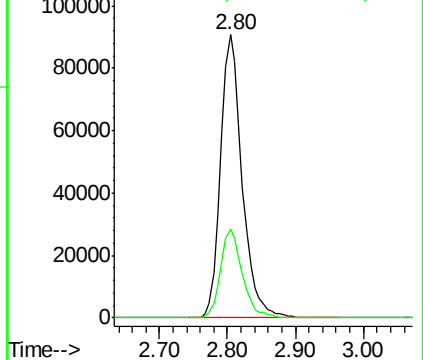
64 100

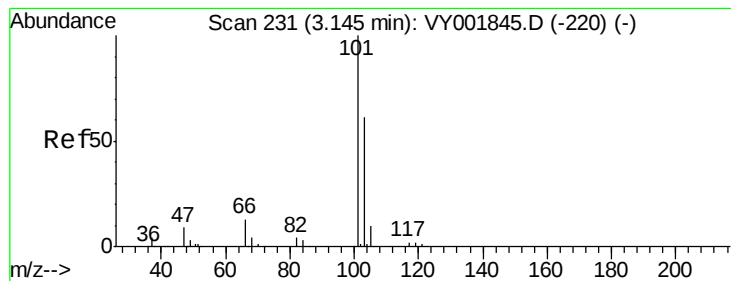
66 31.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



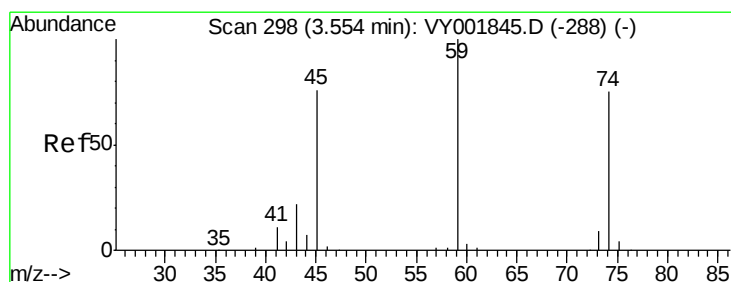
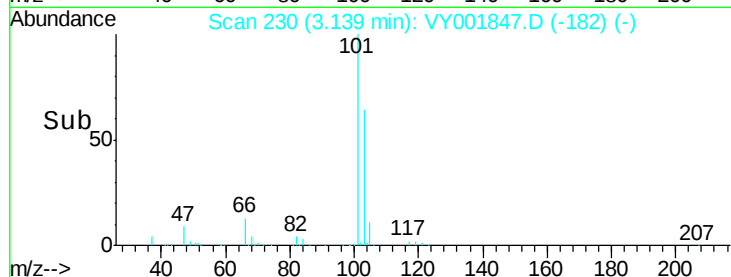
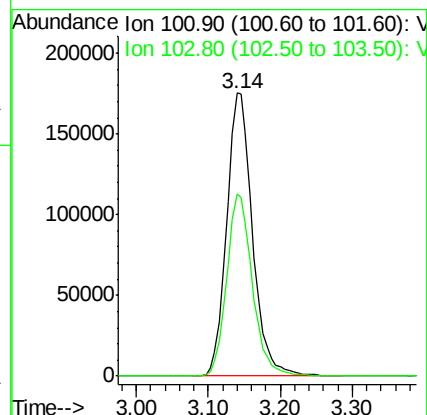
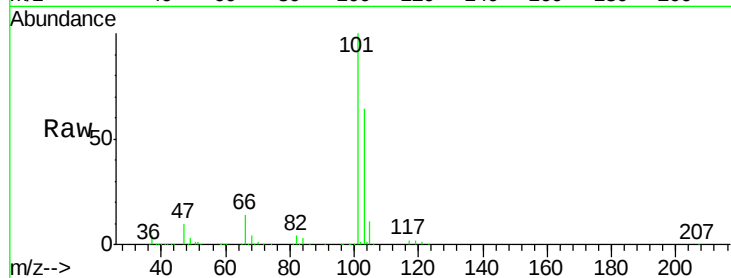


#7

Trichlorofluoromethane
Concen: 138.77 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

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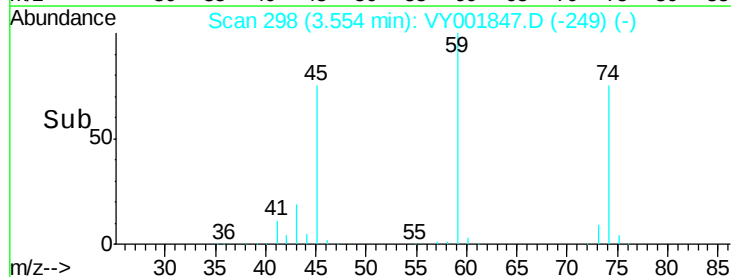
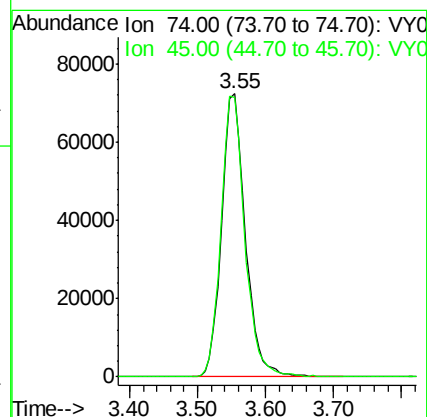
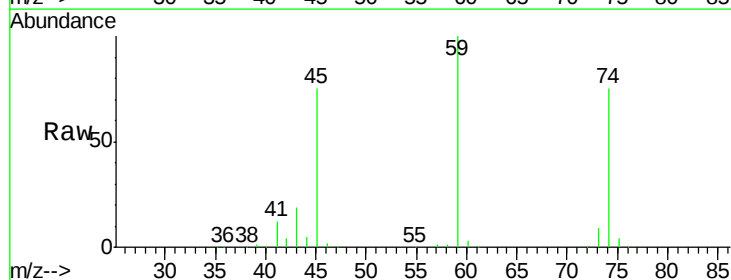
Tgt Ion:101 Resp: 436928
Ion Ratio Lower Upper
101 100
103 64.4 49.1 73.7

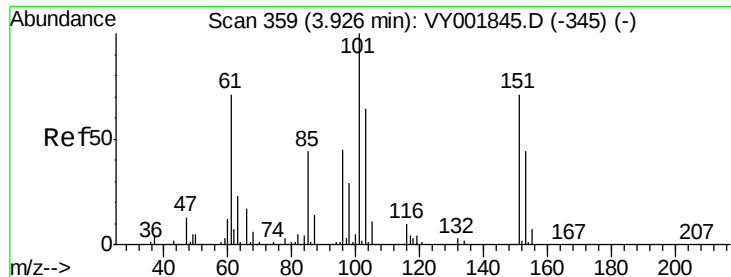


#8

Diethyl Ether
Concen: 143.66 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion: 74 Resp: 175836
Ion Ratio Lower Upper
74 100
45 99.6 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.03 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

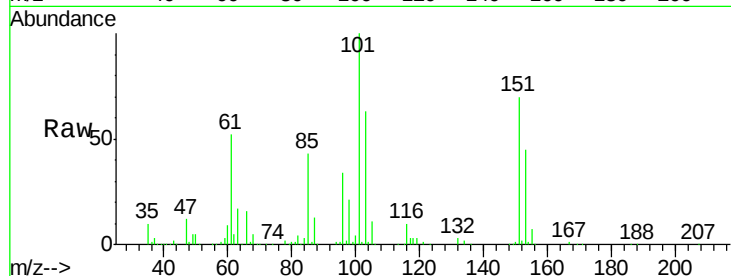
Tgt Ion:101 Resp: 288005

Ion Ratio Lower Upper

101 100

85 43.8 35.3 52.9

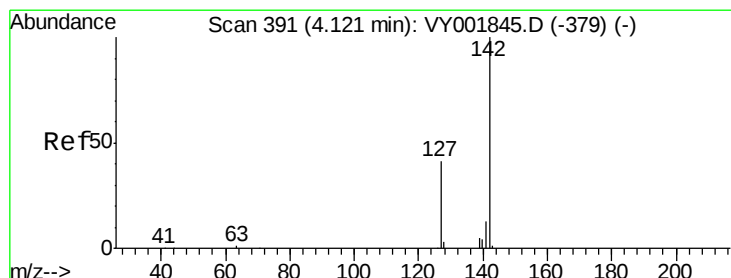
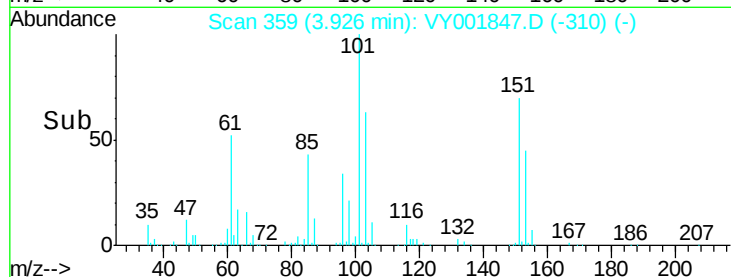
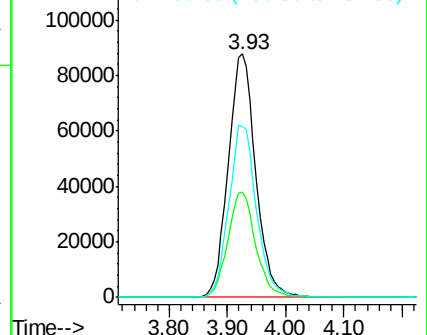
151 71.4 57.0 85.4



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: 157.44 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

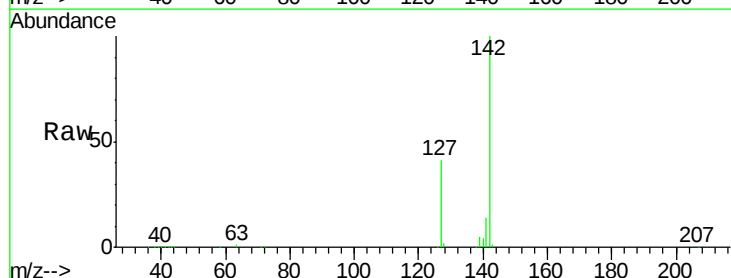
Tgt Ion:142 Resp: 365367

Ion Ratio Lower Upper

142 100

127 40.5 32.7 49.1

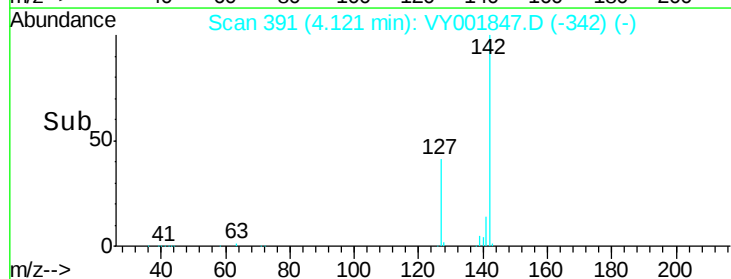
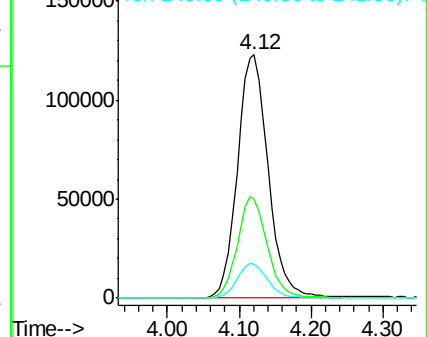
141 14.2 11.0 16.6

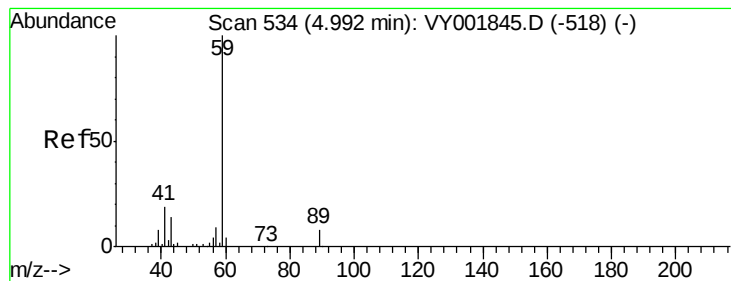


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



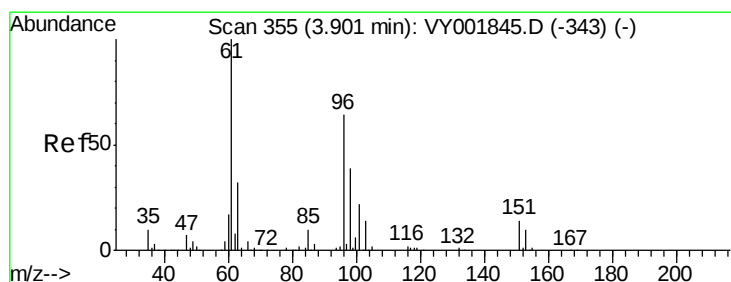
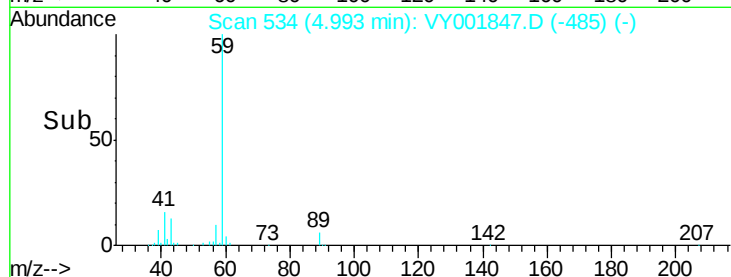
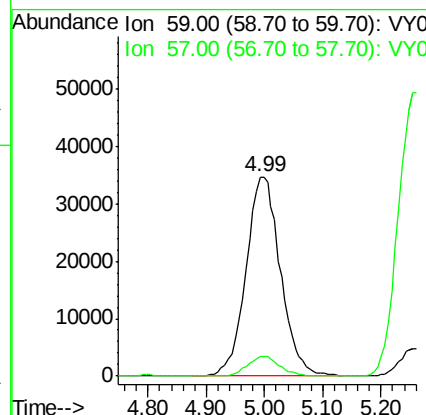
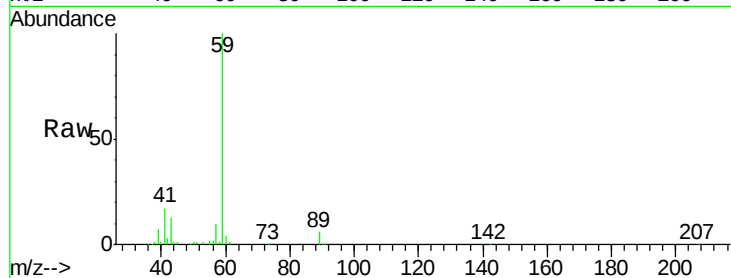


#11

Tert butyl alcohol
Concen: 627.71 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

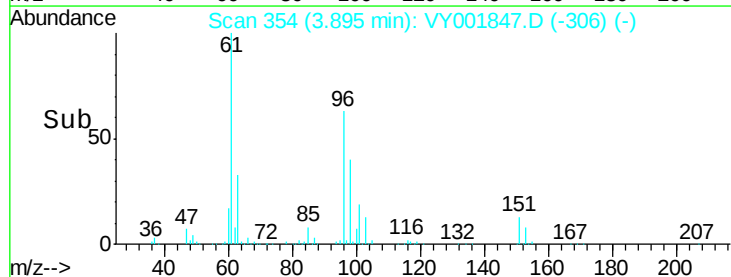
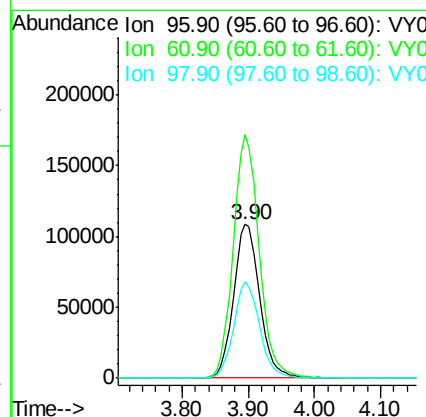
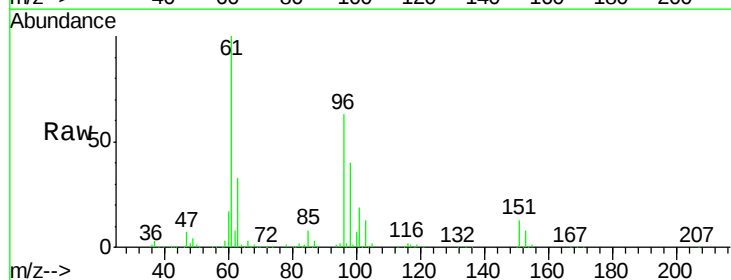
Tgt Ion: 59 Resp: 142197
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2

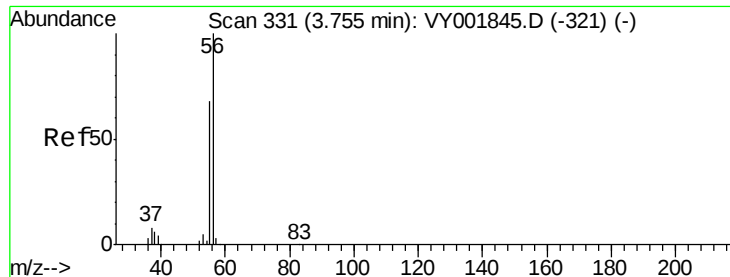


#12

1,1-Dichloroethene
Concen: 147.20 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion: 96 Resp: 297075
Ion Ratio Lower Upper
96 100
61 158.4 124.8 187.2
98 62.8 49.2 73.8





#13

Acrolein

Concen: 683.96 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

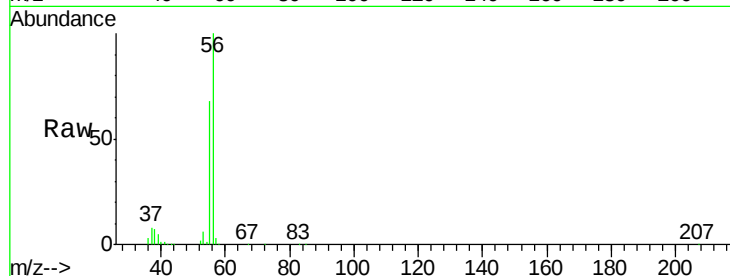
VSTDIC150

Tgt Ion: 56 Resp: 187705

Ion Ratio Lower Upper

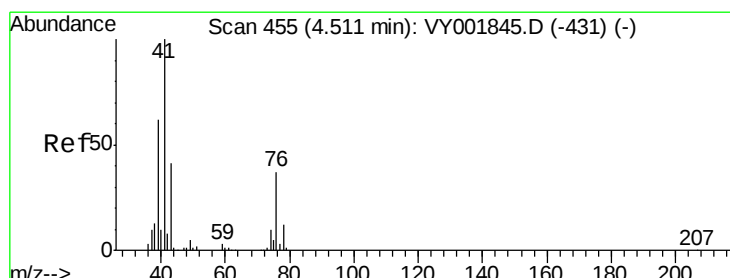
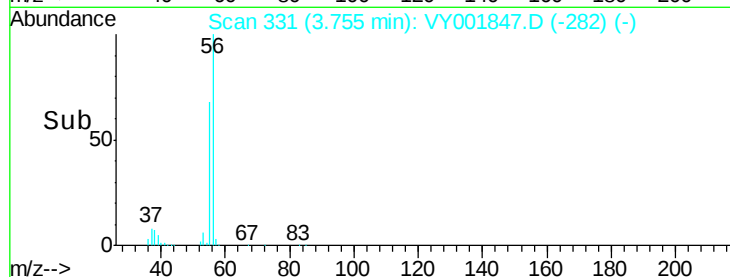
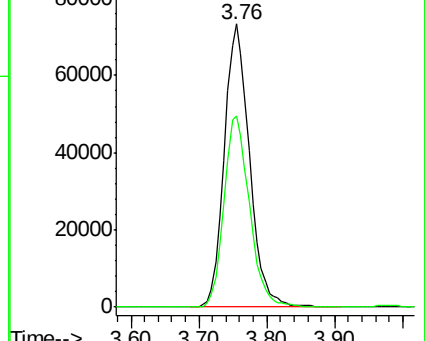
56 100

55 68.5 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 144.19 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

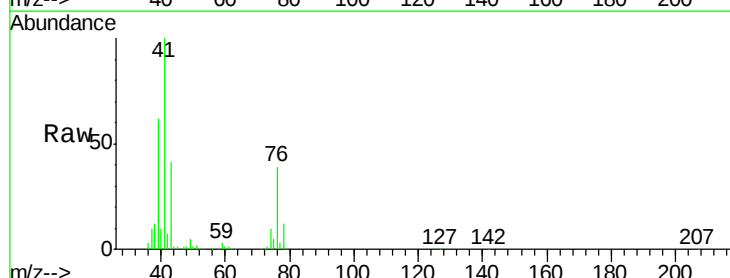
Tgt Ion: 41 Resp: 520497

Ion Ratio Lower Upper

41 100

39 60.2 49.0 73.6

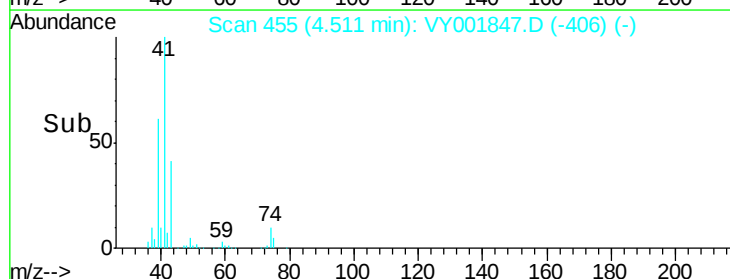
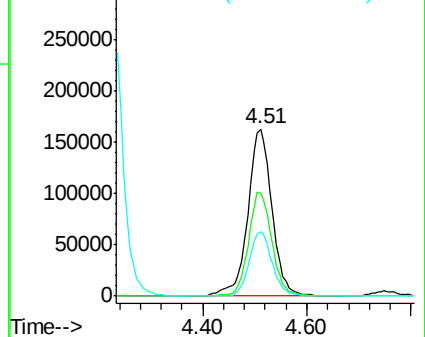
76 36.5 28.9 43.3

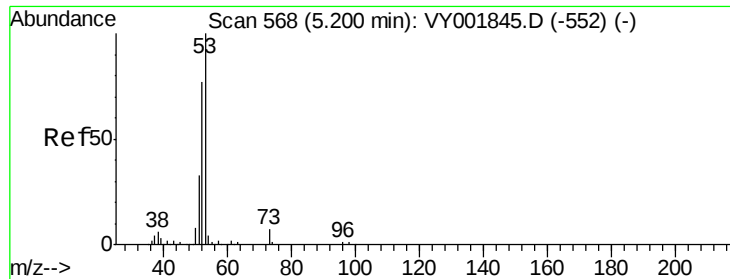


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 709.01 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

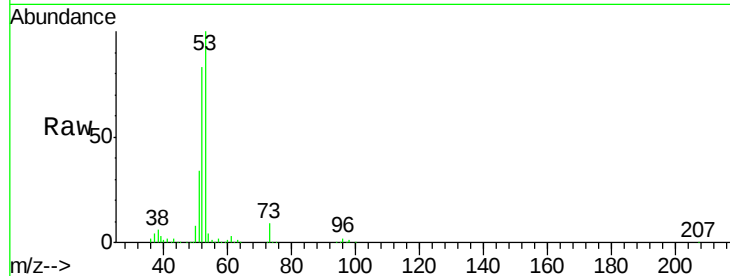
Tgt Ion: 53 Resp: 463585

Ion Ratio Lower Upper

53 100

52 82.0 65.1 97.7

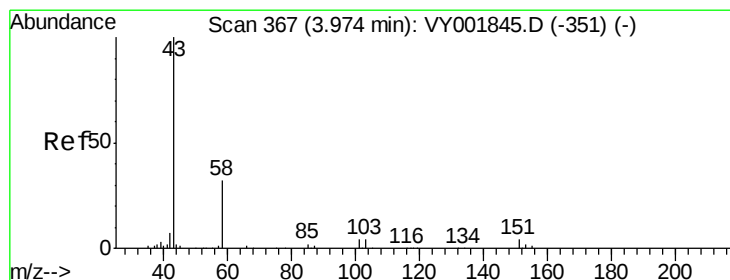
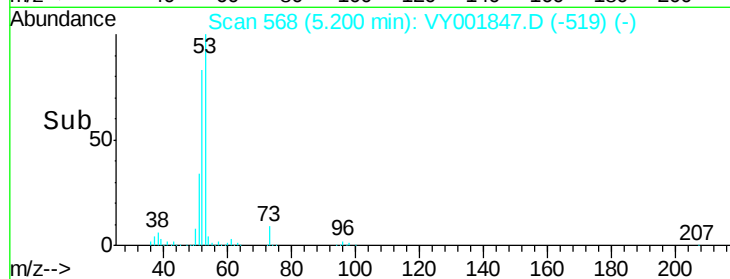
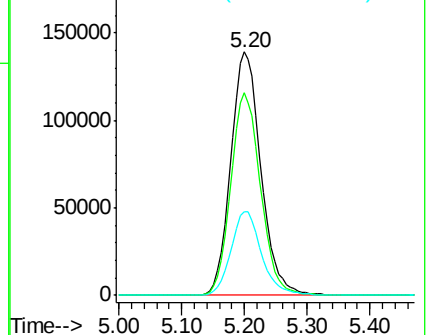
51 34.8 27.5 41.3



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: 702.60 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001847.D

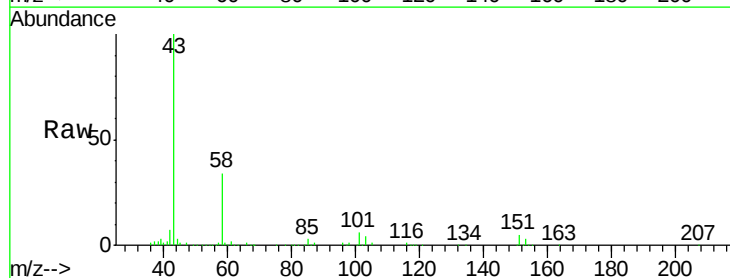
Acq: 04 Mar 2020 12:16

Tgt Ion: 43 Resp: 394334

Ion Ratio Lower Upper

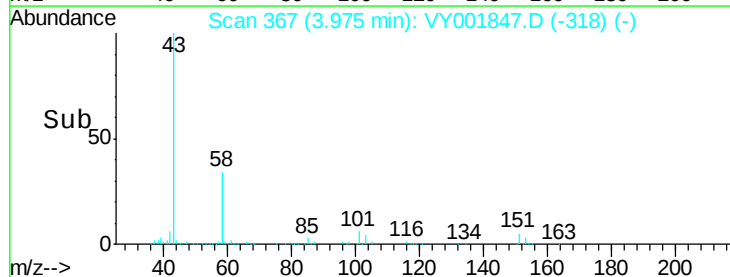
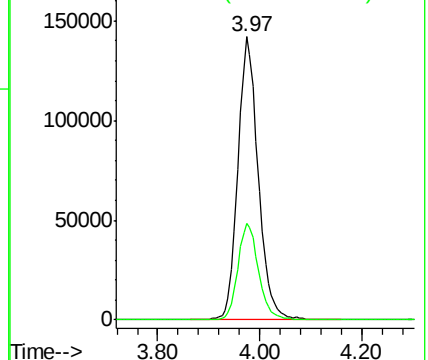
43 100

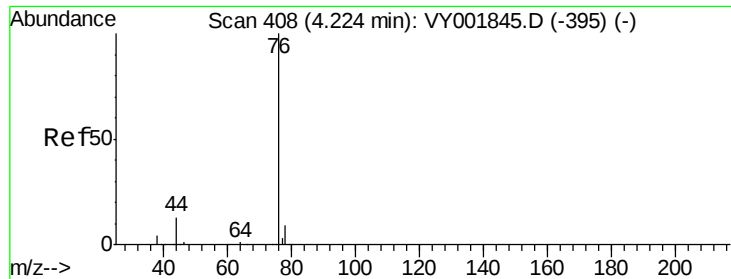
58 34.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 148.27 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

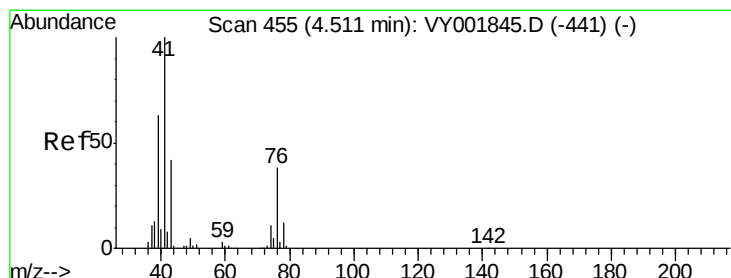
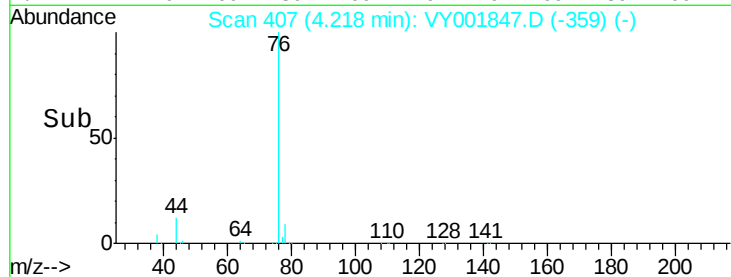
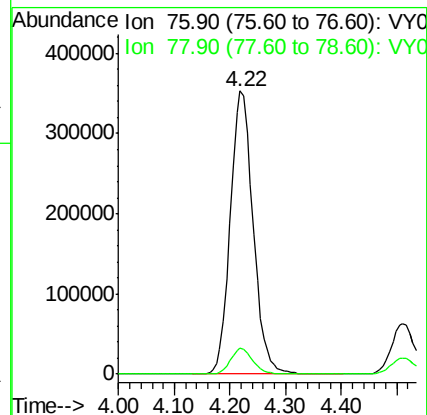
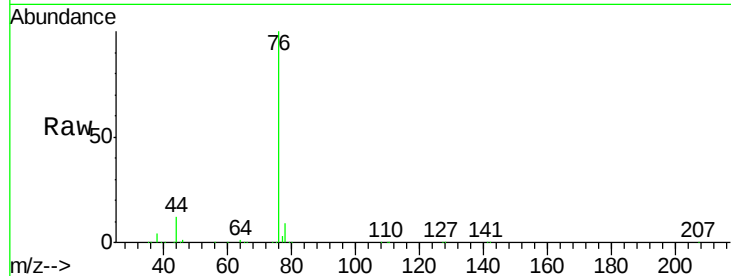
VSTDIC150

Tgt Ion: 76 Resp: 1002007

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



#18

Methyl Acetate

Concen: 139.66 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001847.D

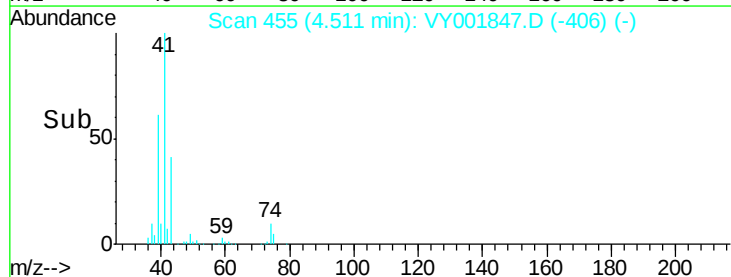
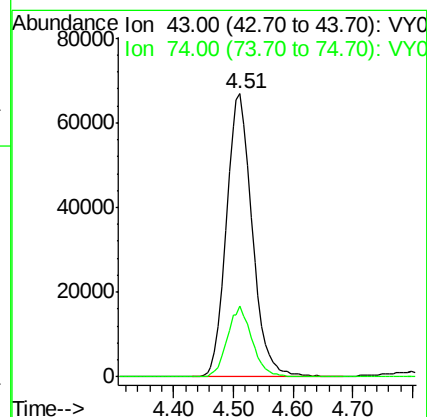
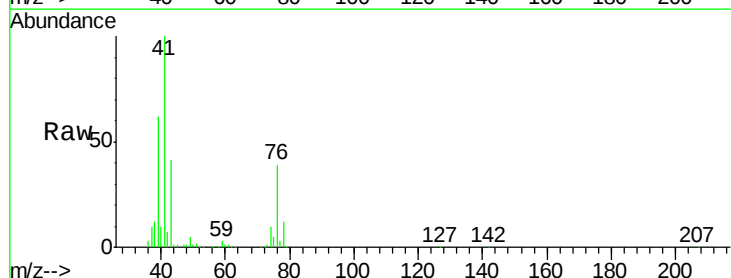
Acq: 04 Mar 2020 12:16

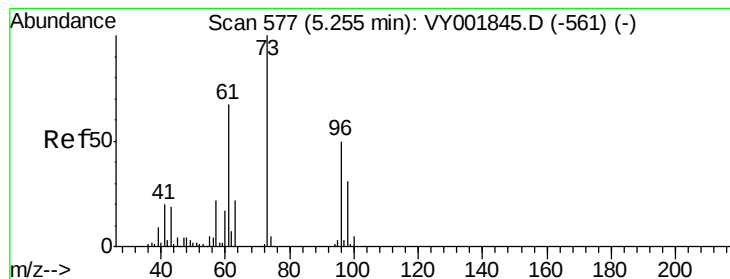
Tgt Ion: 43 Resp: 200807

Ion Ratio Lower Upper

43 100

74 24.0 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 145.00 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

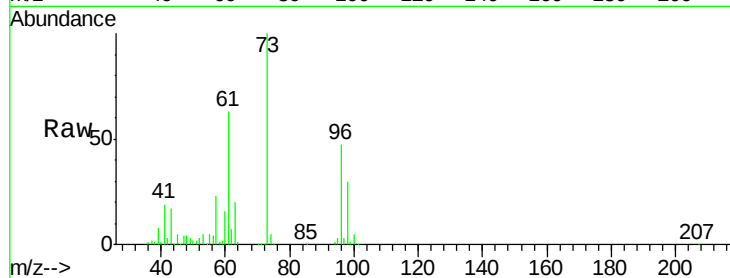
VSTDIC150

Tgt Ion: 73 Resp: 792728

Ion Ratio Lower Upper

73 100

57 23.5 17.4 26.2



Abundance Ion 73.00 (72.70 to 73.70): VY001847.D (-561) (-)

Ion 57.00 (56.70 to 57.70): VY001847.D (-561) (-)

250000

200000

150000

100000

50000

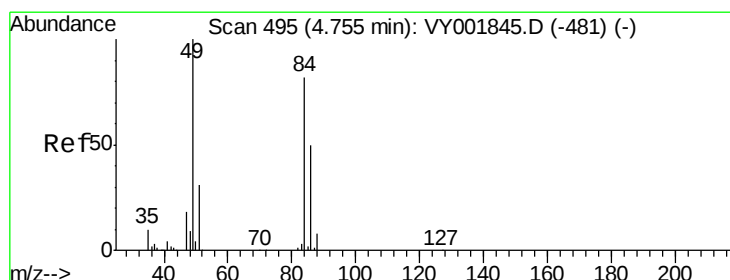
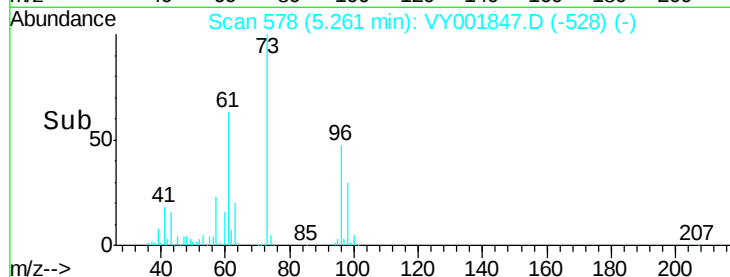
0

5.20

5.26

5.40

Time-->



#20

Methylene Chloride

Concen: 132.96 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Tgt Ion: 84 Resp: 323352

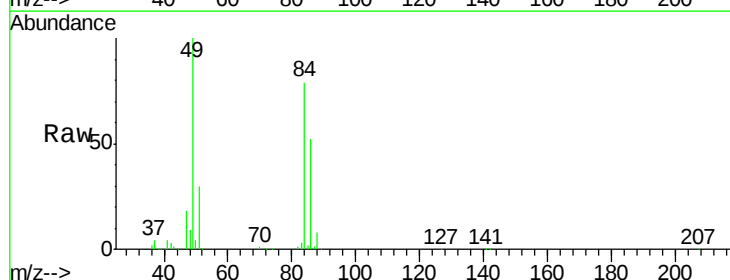
Ion Ratio Lower Upper

84 100

49 126.5 98.2 147.2

51 38.0 30.2 45.2

86 65.7 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001847.D (-446) (-)

Ion 48.90 (48.60 to 49.60): VY001847.D (-446) (-)

Ion 50.90 (50.60 to 51.60): VY001847.D (-446) (-)

Ion 85.90 (85.60 to 86.60): VY001847.D (-446) (-)

200000

150000

100000

50000

0

4.60

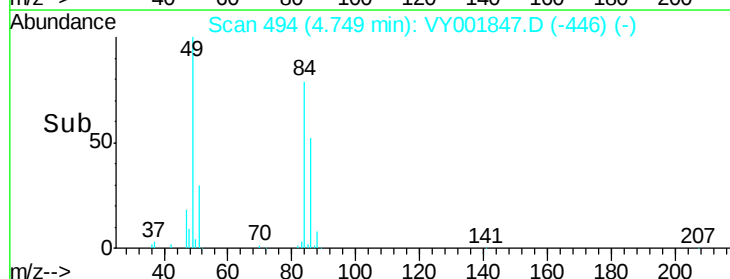
4.70

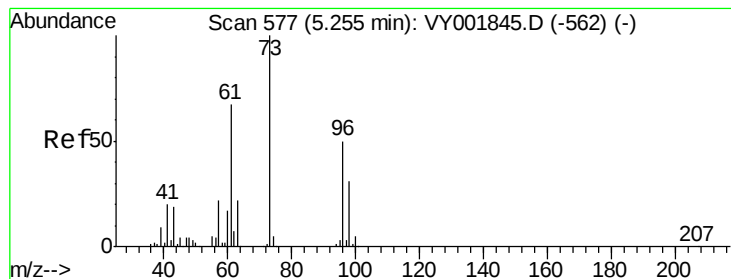
4.75

4.80

4.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 145.49 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

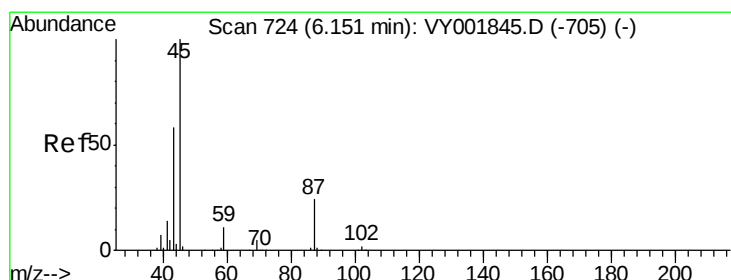
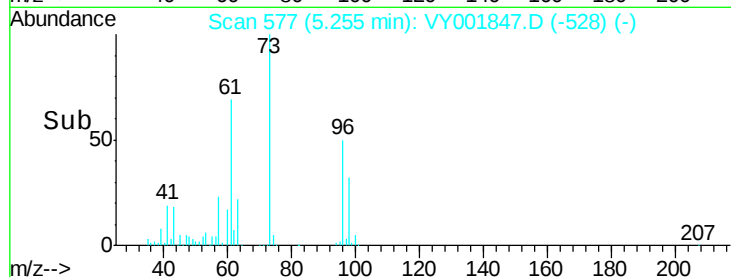
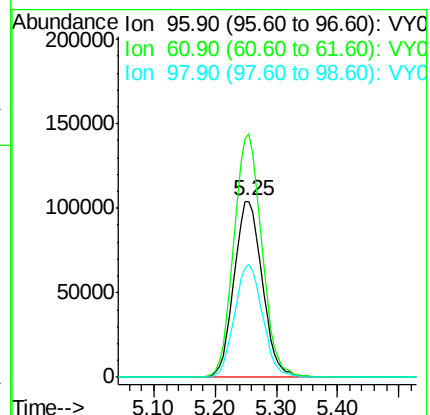
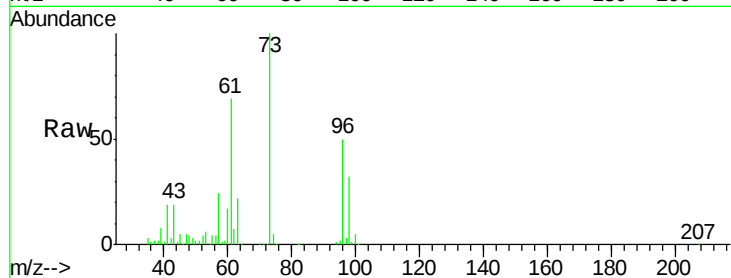
Tgt Ion: 96 Resp: 332066

Ion Ratio Lower Upper

96 100

61 138.4 107.7 161.5

98 64.1 49.3 73.9



#22

Diisopropyl ether

Concen: 139.97 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Tgt Ion: 45 Resp: 1019661

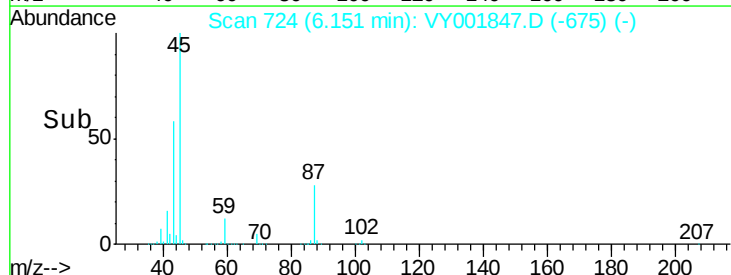
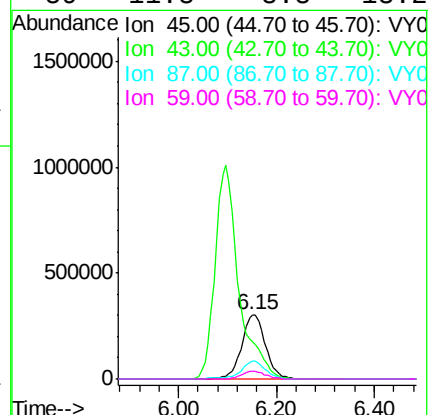
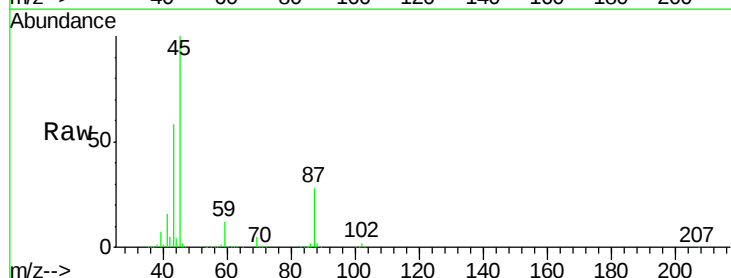
Ion Ratio Lower Upper

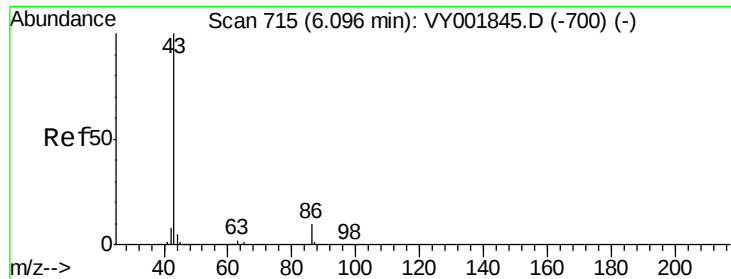
45 100

43 57.9 47.2 70.8

87 27.7 19.8 29.8

59 11.8 8.8 13.2

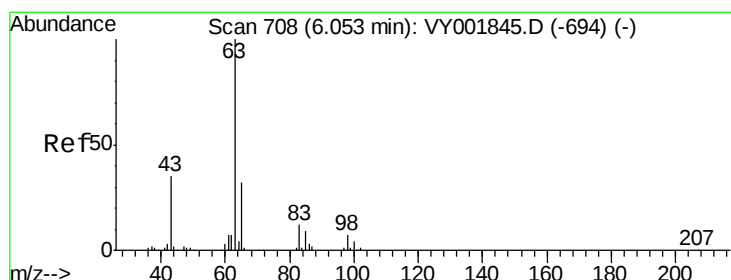
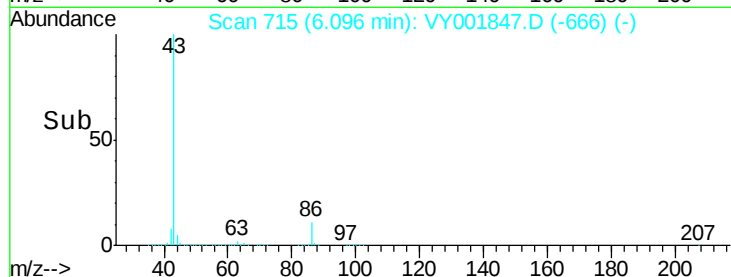
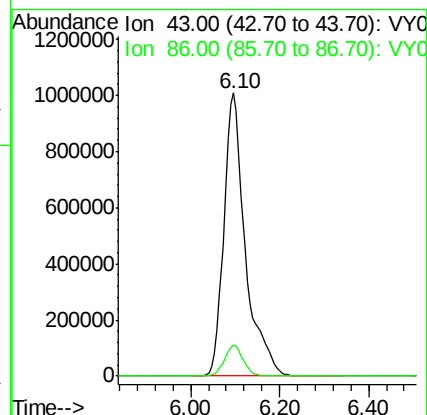
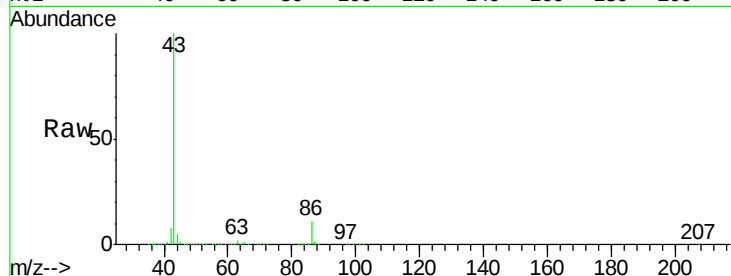




#23
 Vinyl Acetate
 Concen: 707.98 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

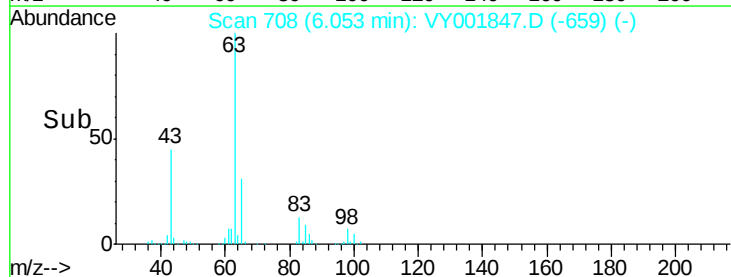
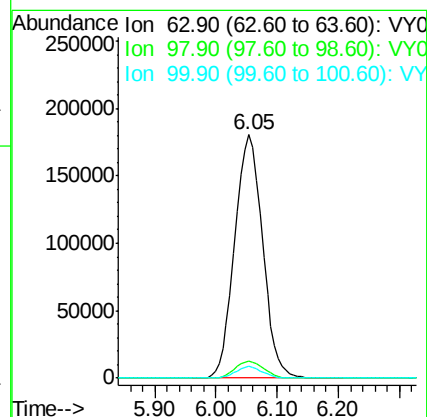
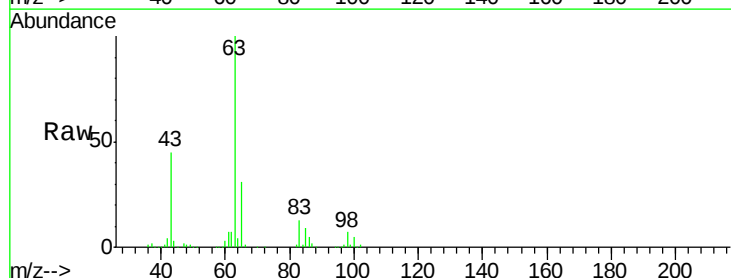
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

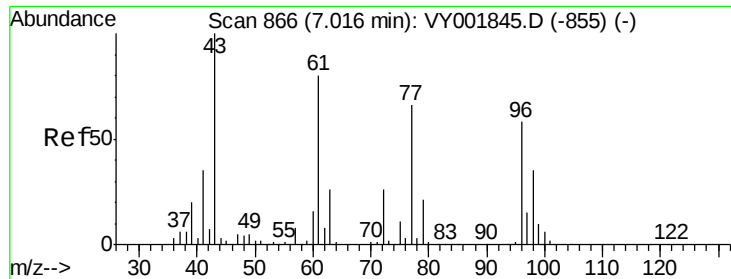
Tgt Ion: 43 Resp: 3387401
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 144.00 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion: 63 Resp: 567422
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.9 2.0 6.0





#25

2-Butanone

Concen: 698.34 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

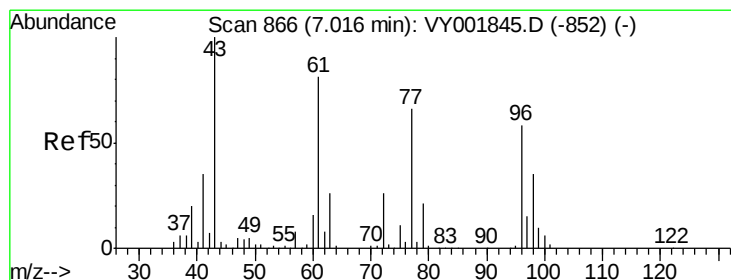
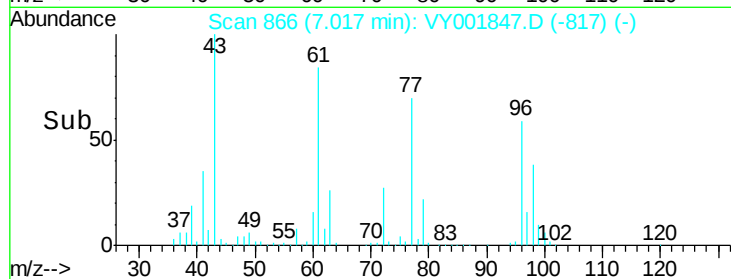
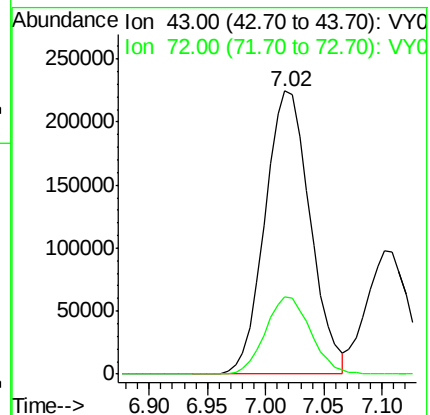
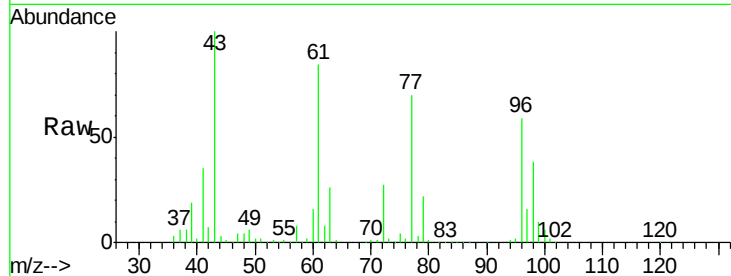
VSTDIC150

Tgt Ion: 43 Resp: 603720

Ion Ratio Lower Upper

43 100

72 27.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 144.26 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001847.D

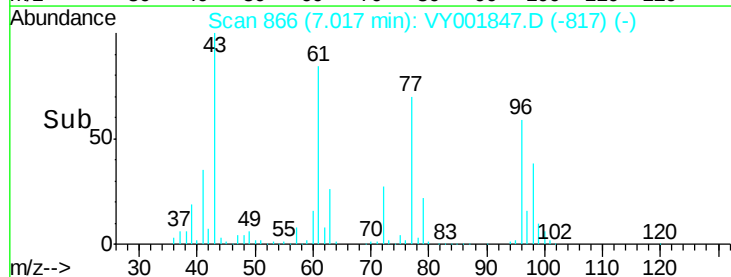
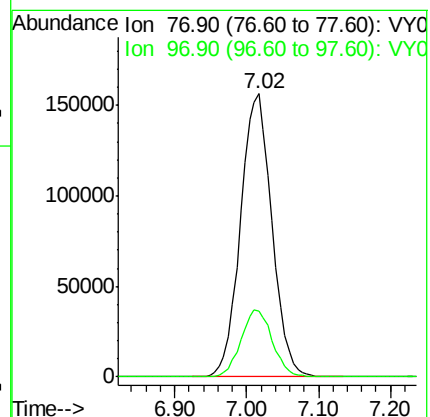
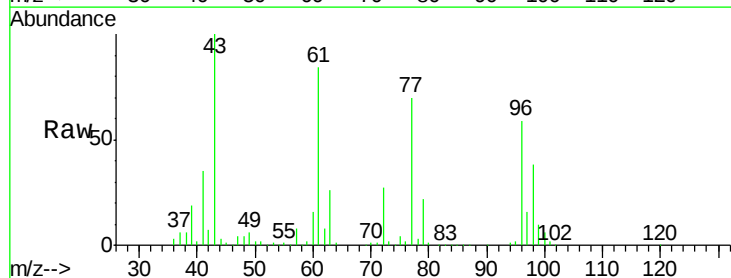
Acq: 04 Mar 2020 12:16

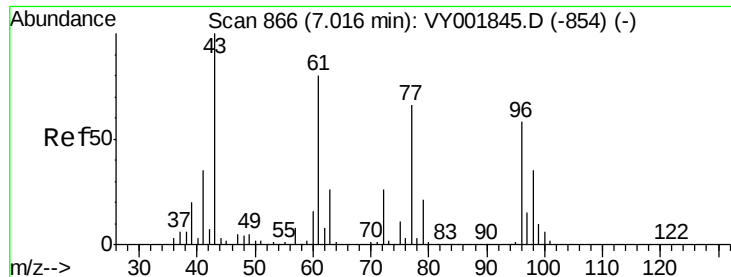
Tgt Ion: 77 Resp: 472589

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 145.14 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

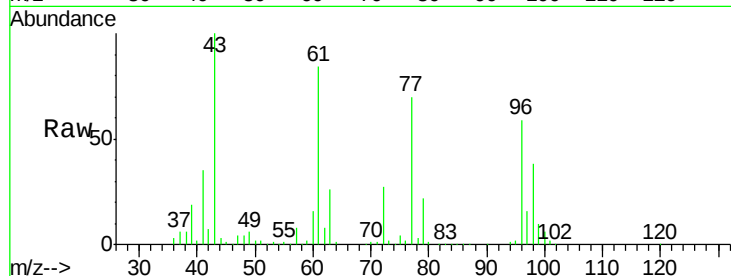
Tgt Ion: 96 Resp: 359761

Ion Ratio Lower Upper

96 100

61 142.6 0.0 288.2

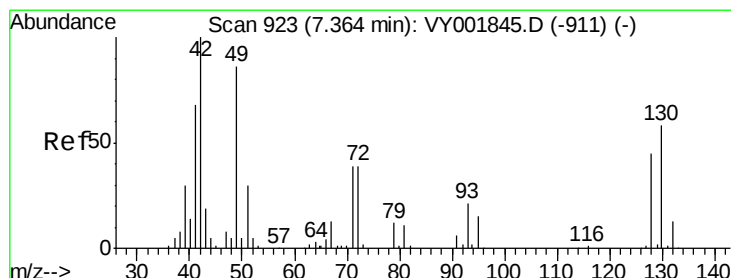
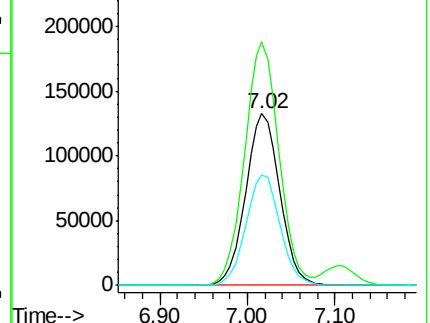
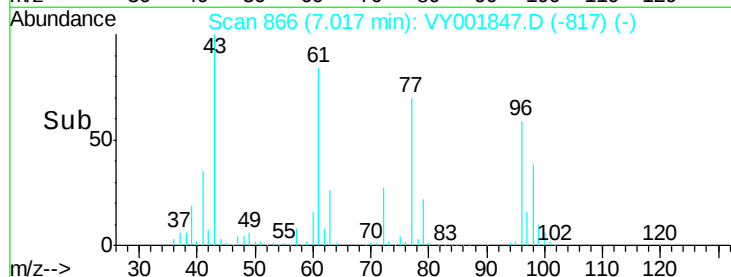
98 64.3 0.0 129.0



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: 143.84 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

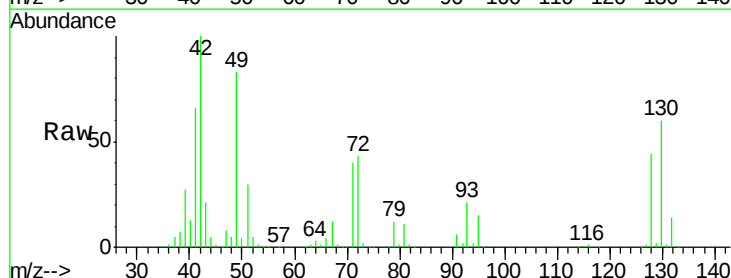
Tgt Ion: 49 Resp: 259373

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

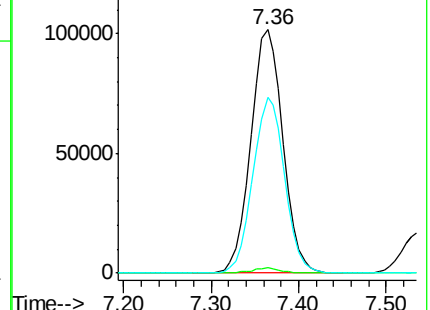
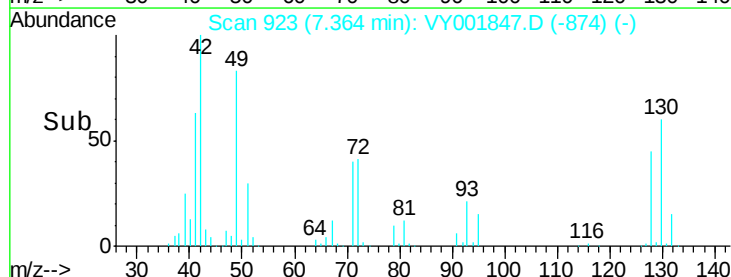
130 71.4 54.4 81.6

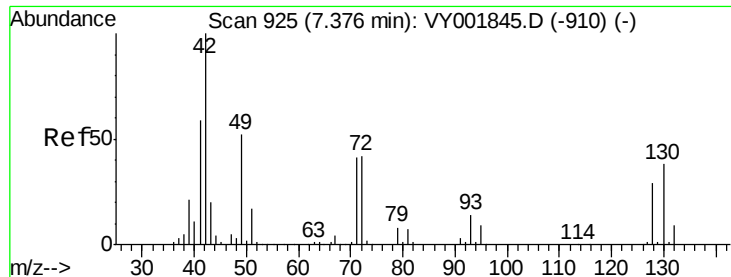


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

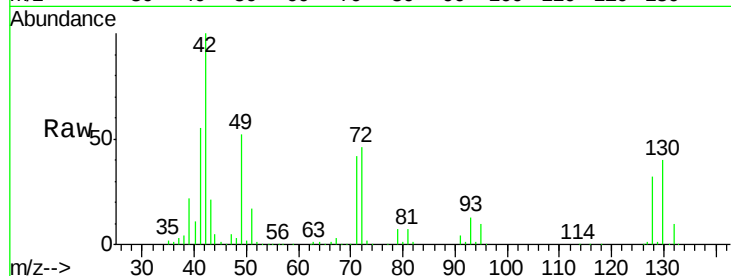




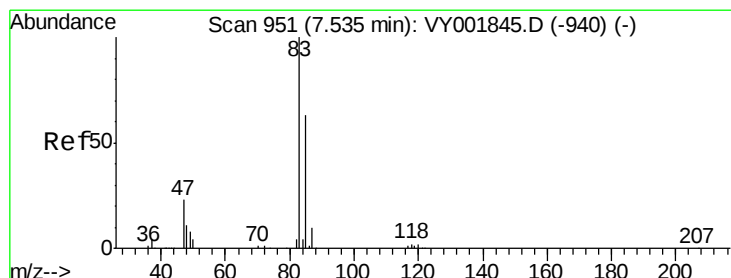
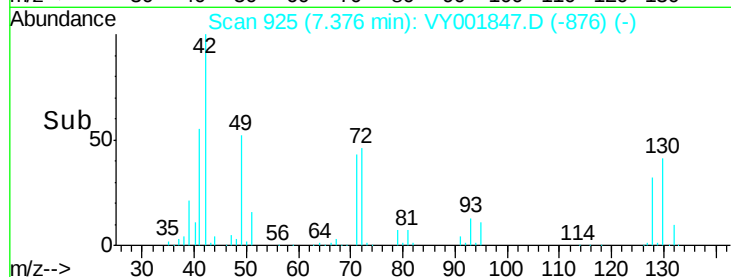
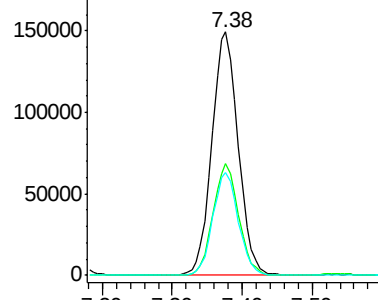
#29
Tetrahydrofuran
Concen: 686.10 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 390475
Ion Ratio Lower Upper
42 100
72 44.4 33.5 50.3
71 41.1 31.3 46.9

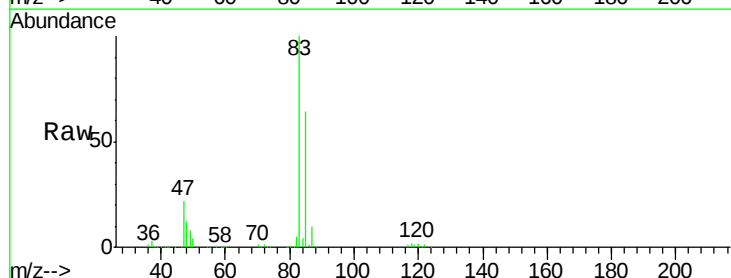


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

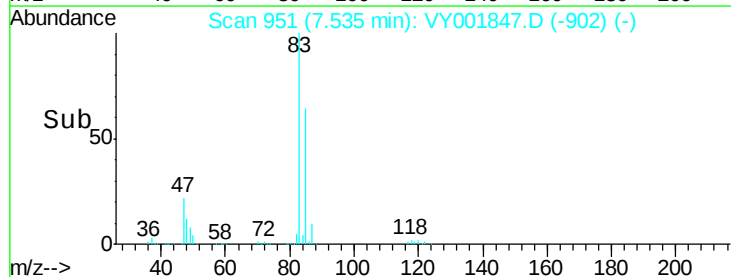
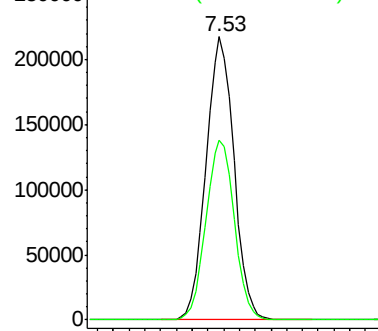


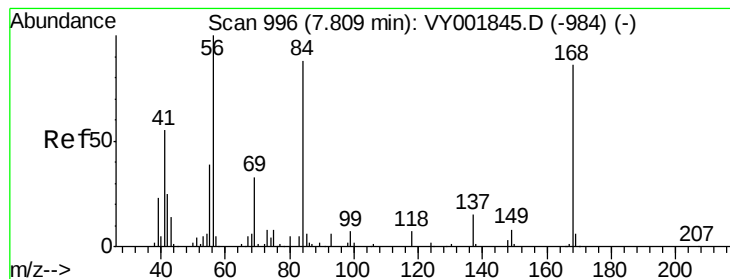
#30
Chloroform
Concen: 143.29 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion: 83 Resp: 535229
Ion Ratio Lower Upper
83 100
85 63.6 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: 137.50 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

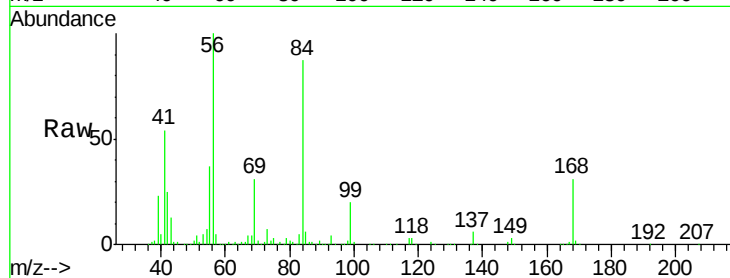
Tgt Ion: 56 Resp: 584071

Ion Ratio Lower Upper

56 100

69 31.4 26.7 40.1

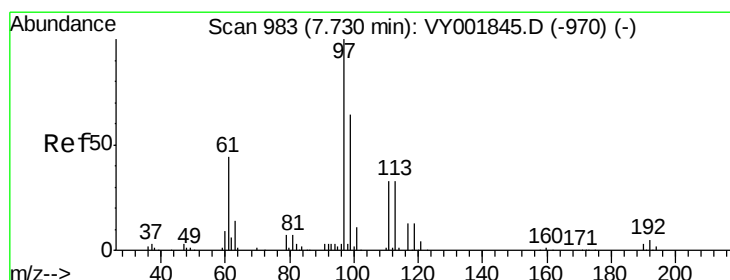
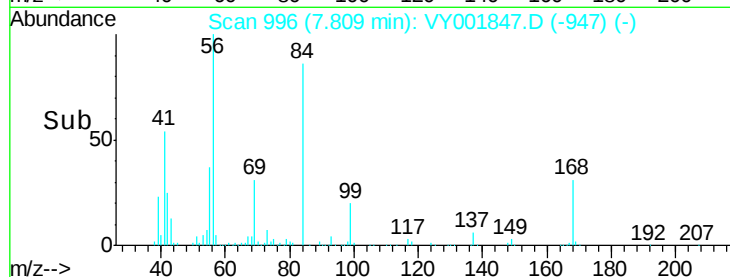
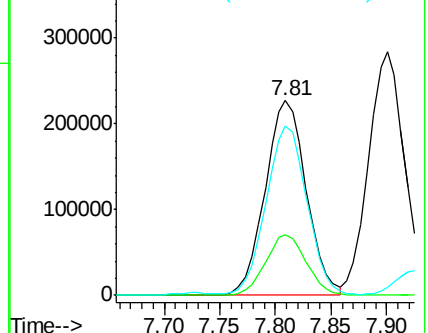
84 85.6 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY001847.D (-984) (-)

Ion 69.00 (68.70 to 69.70): VY001847.D (-984) (-)

Ion 84.00 (83.70 to 84.70): VY001847.D (-984) (-)



#32

1,1,1-Trichloroethane

Concen: 145.62 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

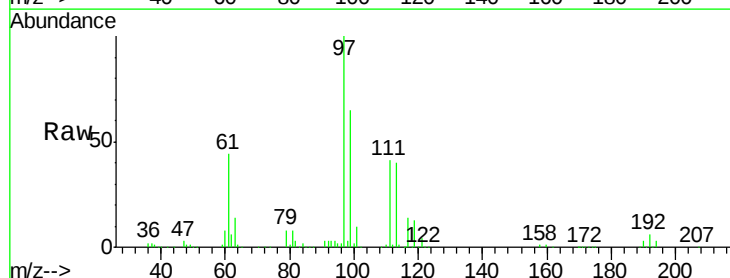
Tgt Ion: 97 Resp: 459700

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

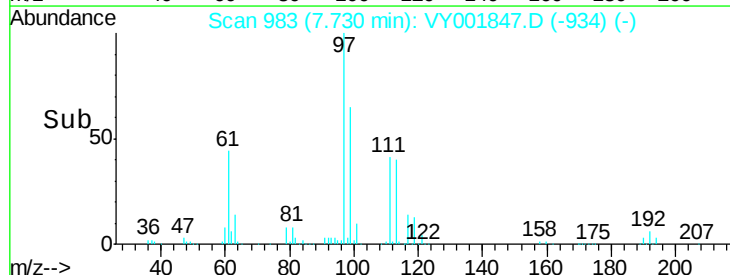
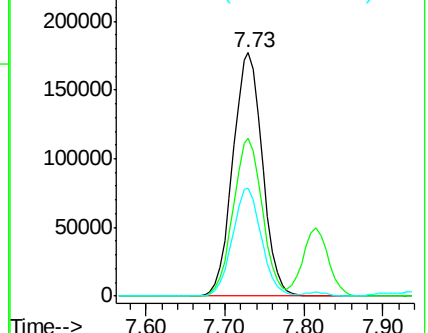
61 43.4 35.0 52.4

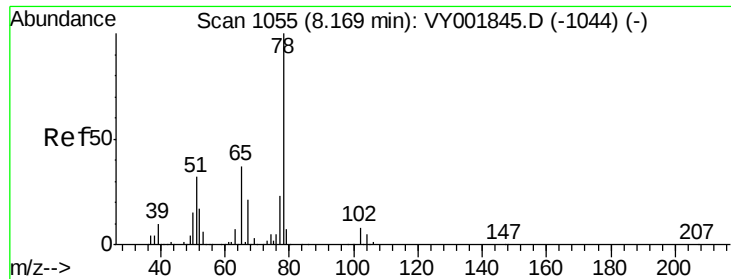


Abundance Ion 96.90 (96.60 to 97.60): VY001847.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY001847.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY001847.D (-934) (-)





#33

1,2-Dichloroethane-d4

Concen: 142.22 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

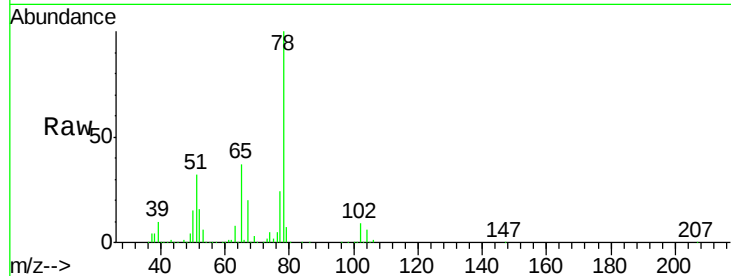
VSTDIC150

Tgt Ion: 65 Resp: 279513

Ion Ratio Lower Upper

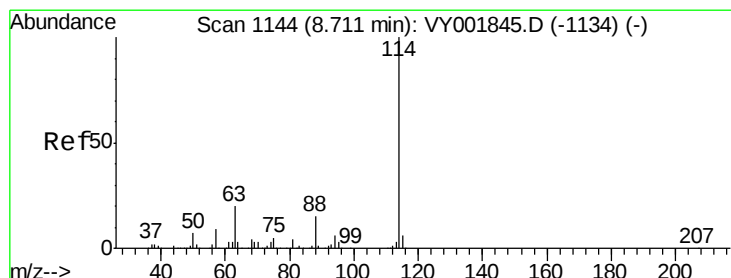
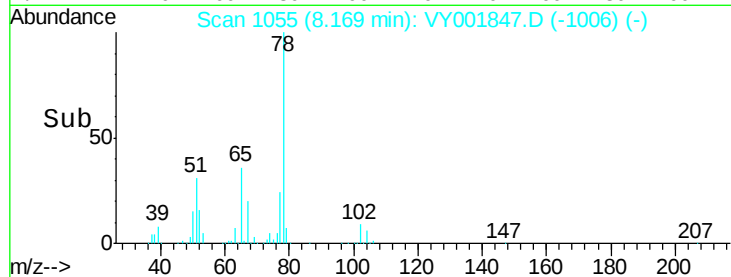
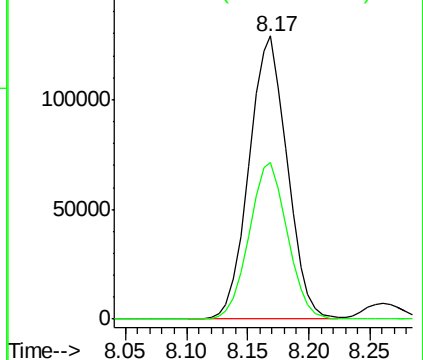
65 100

67 55.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

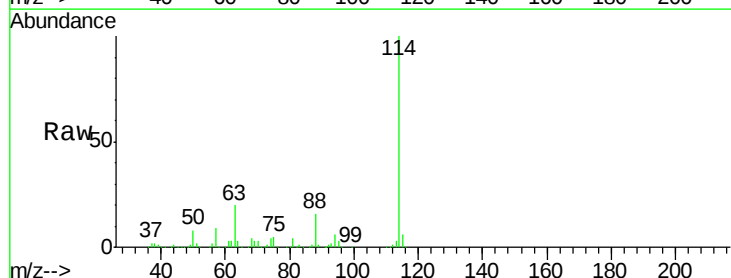
Tgt Ion: 114 Resp: 338579

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

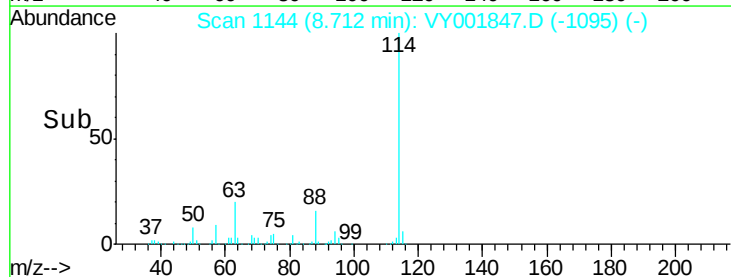
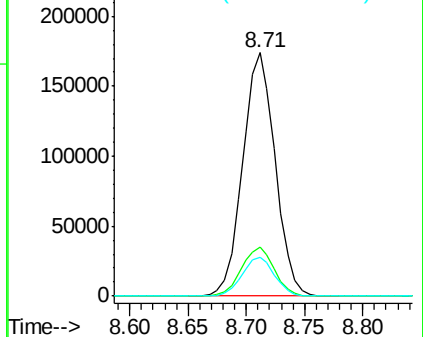
88 15.9 0.0 30.4

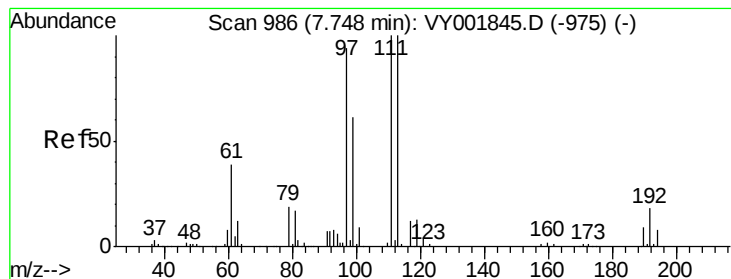


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 145.33 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

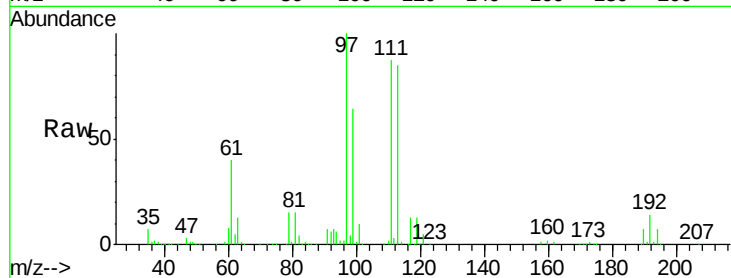
Tgt Ion:113 Resp: 268780

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

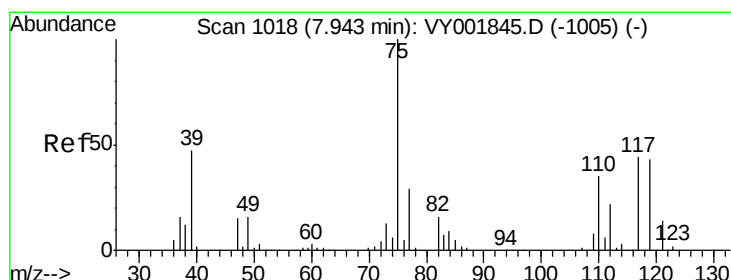
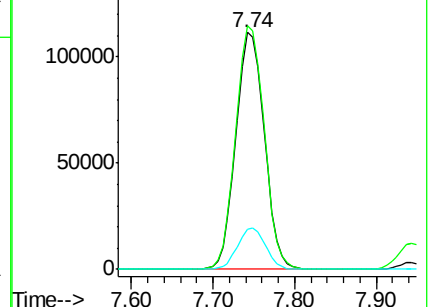
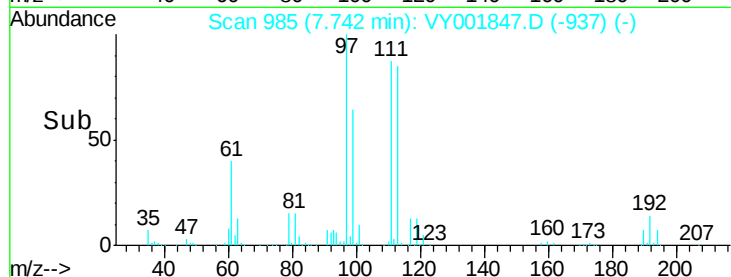
192 17.3 14.2 21.2



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: 142.50 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

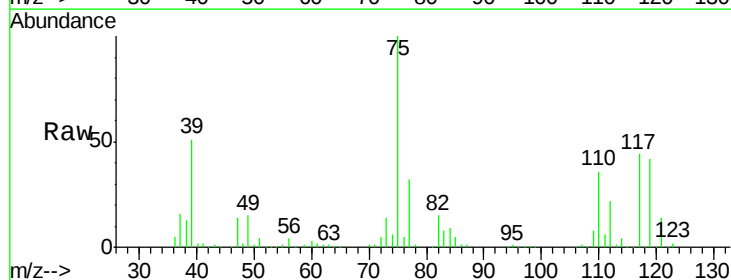
Tgt Ion: 75 Resp: 453192

Ion Ratio Lower Upper

75 100

110 35.6 17.4 52.2

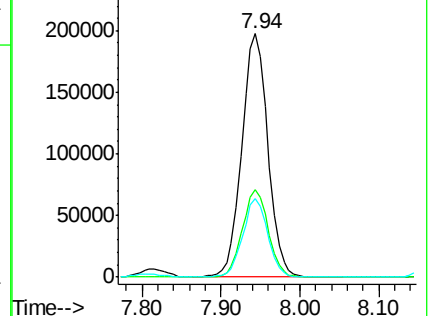
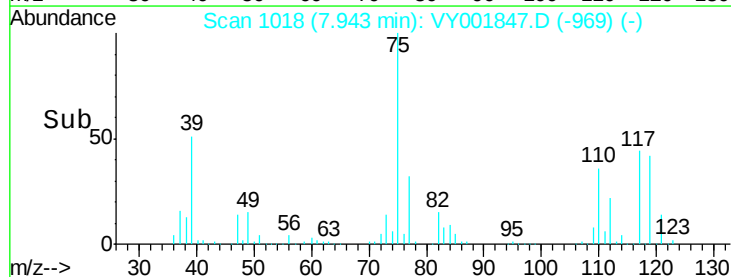
77 31.3 24.2 36.2

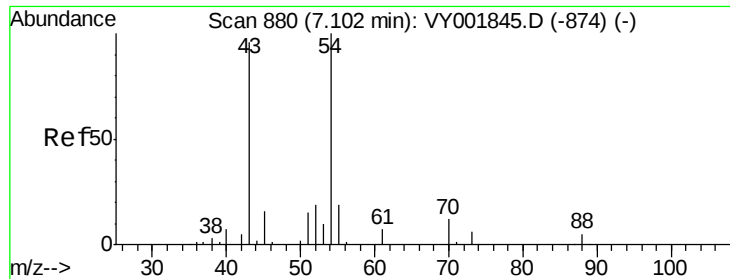


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

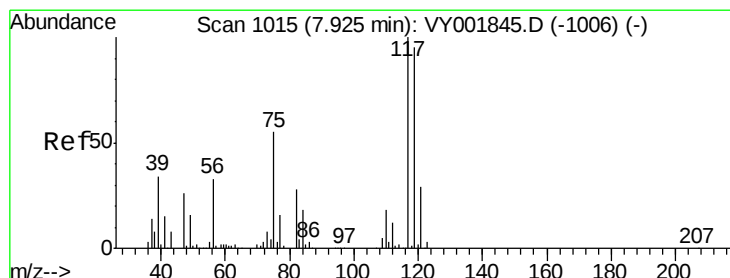
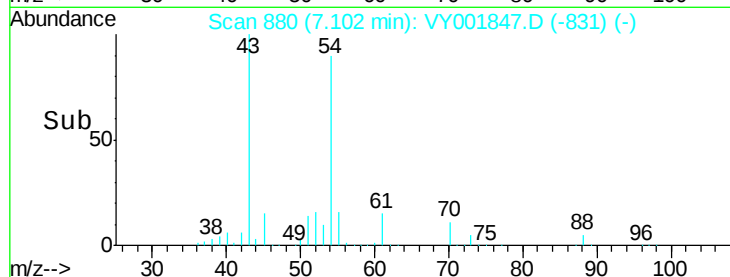
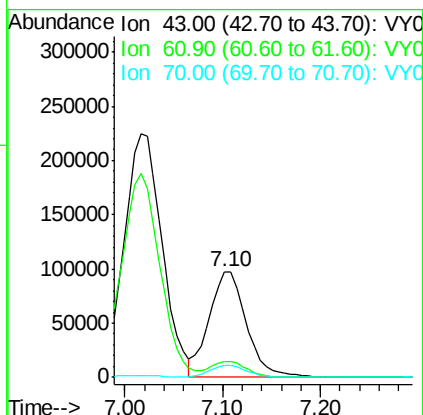
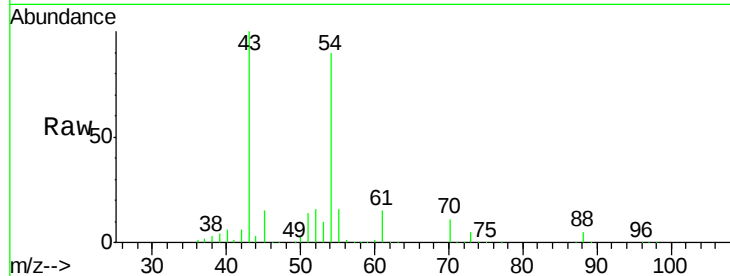




#37
Ethyl Acetate
Concen: 135.87 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

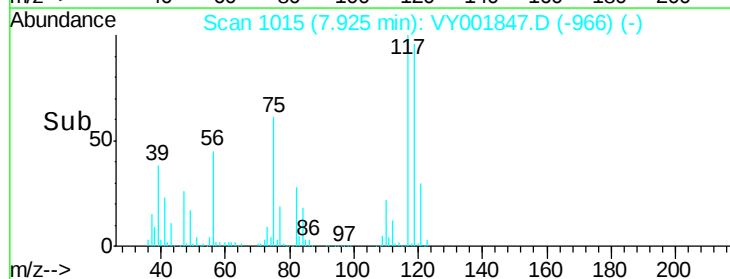
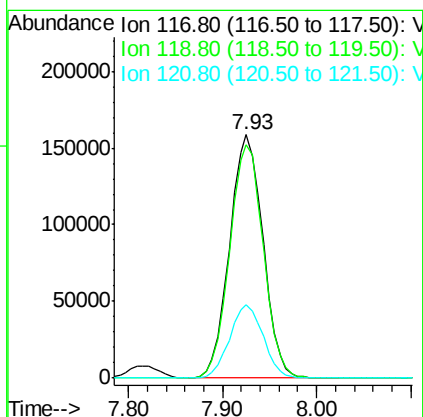
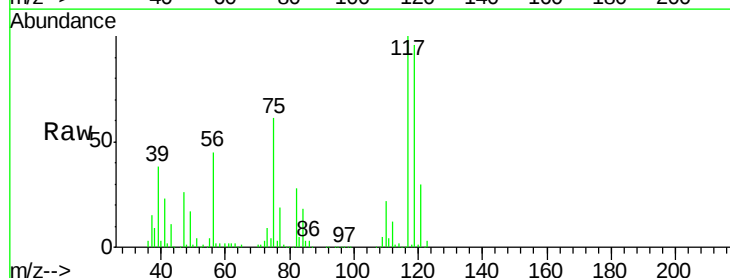
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

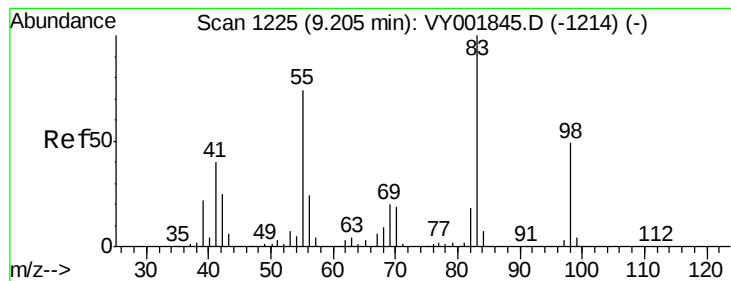
Tgt Ion: 43 Resp: 257344
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 11.0 8.2 12.4



#38
Carbon Tetrachloride
Concen: 143.78 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion: 117 Resp: 391303
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
121 30.3 23.5 35.3





#39

Methylcyclohexane

Concen: 144.60 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

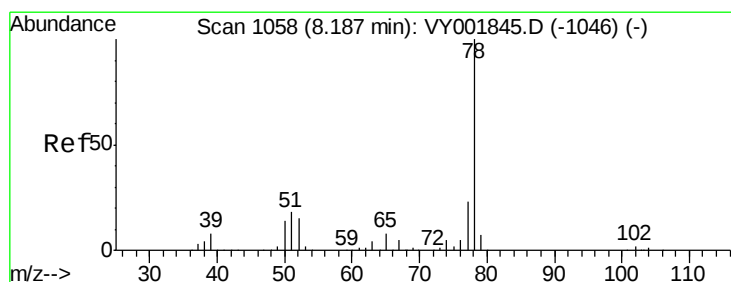
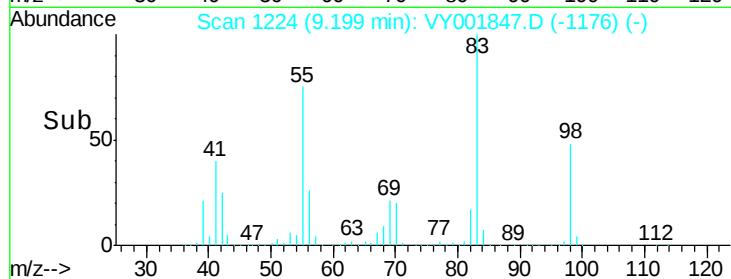
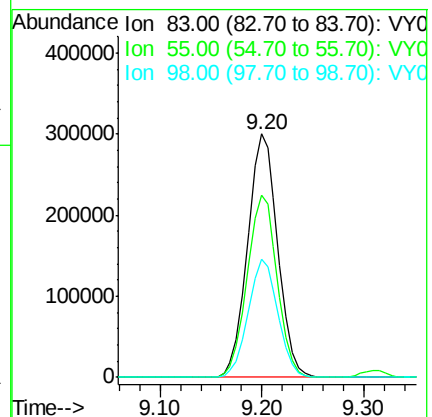
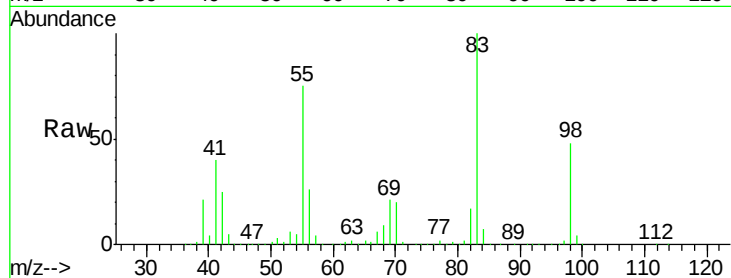
Tgt Ion: 83 Resp: 614669

Ion Ratio Lower Upper

83 100

55 74.9 59.4 89.0

98 48.4 38.9 58.3



#40

Benzene

Concen: 141.52 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VY001847.D

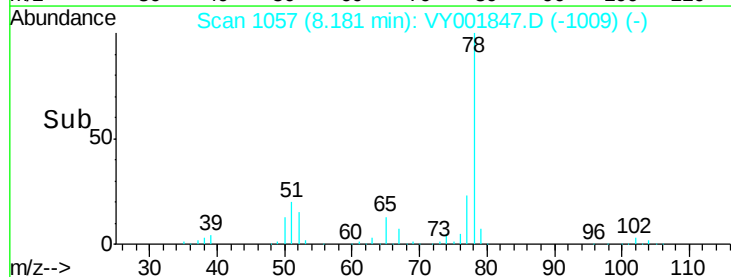
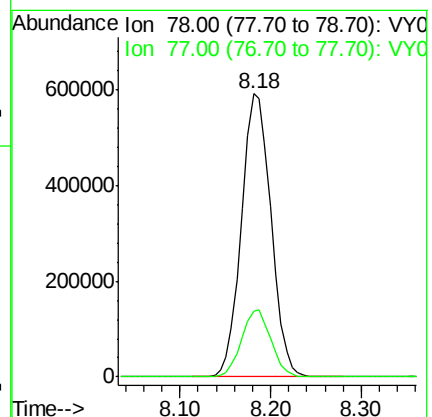
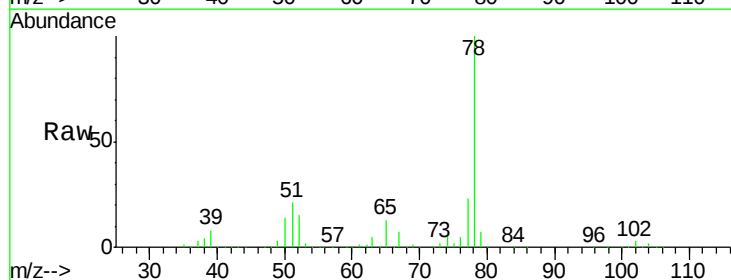
Acq: 04 Mar 2020 12:16

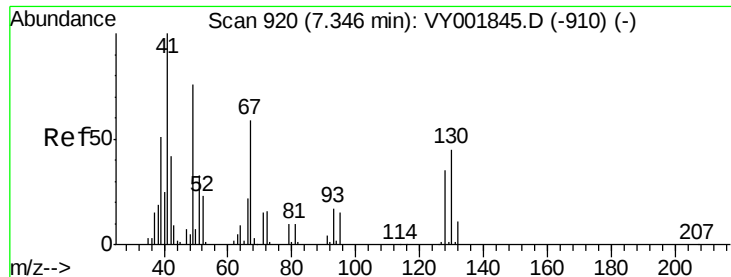
Tgt Ion: 78 Resp: 1337994

Ion Ratio Lower Upper

78 100

77 23.1 18.7 28.1





#41

Methacrylonitrile

Concen: 154.42 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.02 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 346094

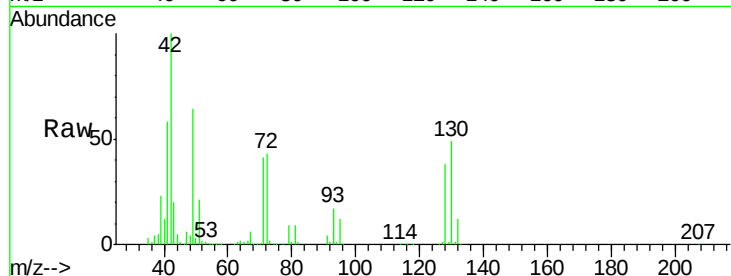
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

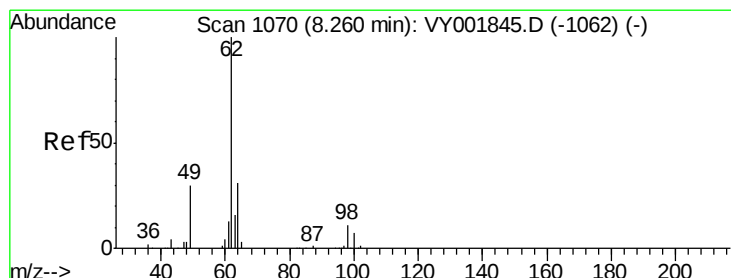
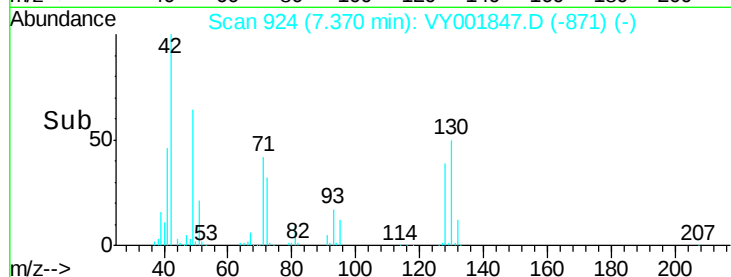
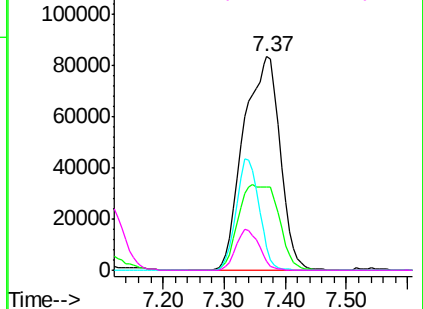


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 140.39 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001847.D

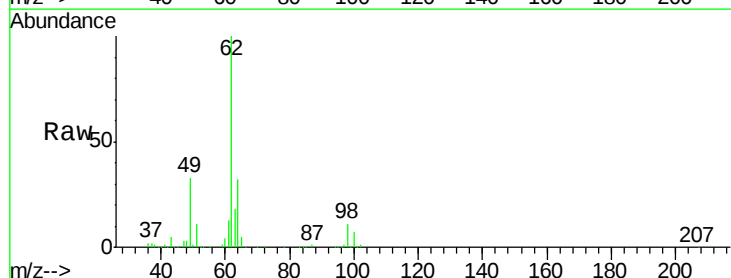
Acq: 04 Mar 2020 12:16

Tgt Ion: 62 Resp: 342583

Ion Ratio Lower Upper

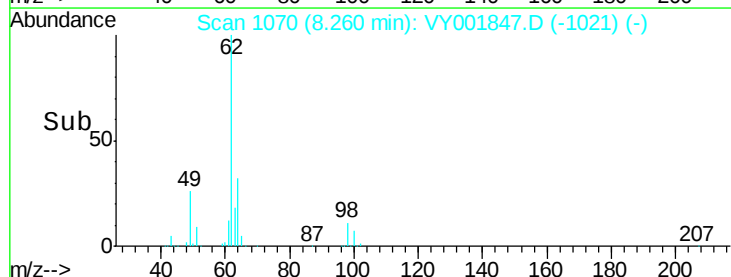
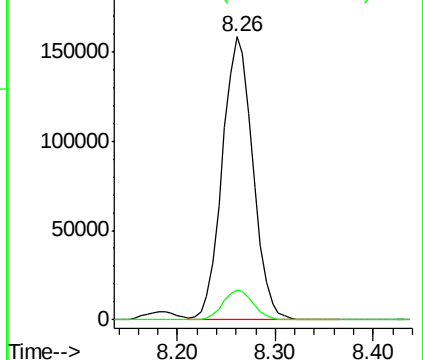
62 100

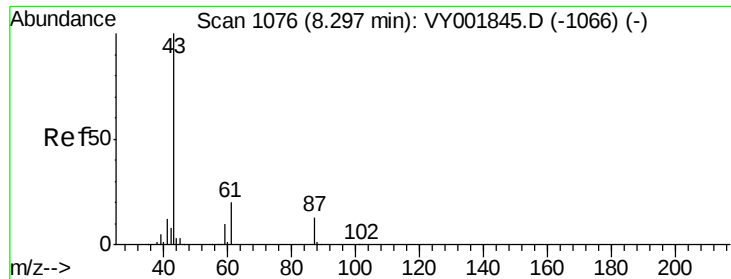
98 10.5 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 141.82 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

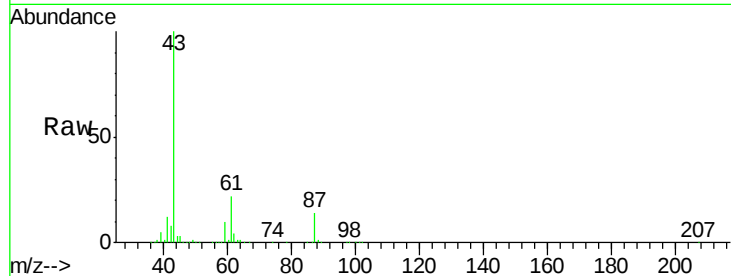
Tgt Ion: 43 Resp: 499609

Ion Ratio Lower Upper

43 100

61 29.4 23.8 35.6

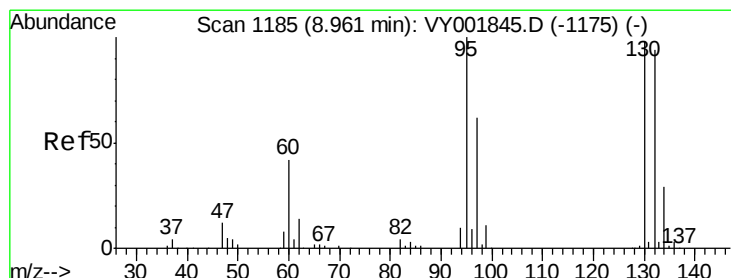
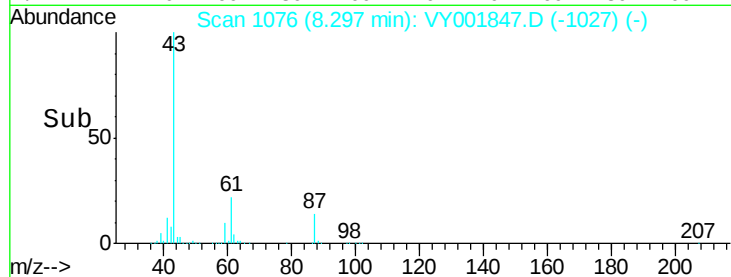
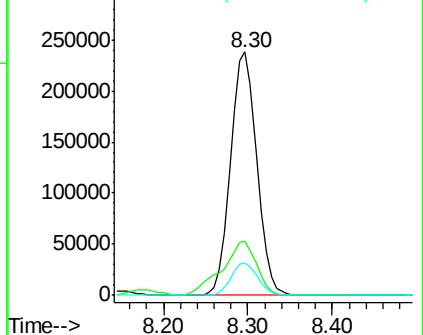
87 13.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001847.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001847.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001847.D (-1066) (-)



#44

Trichloroethene

Concen: 142.50 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001847.D

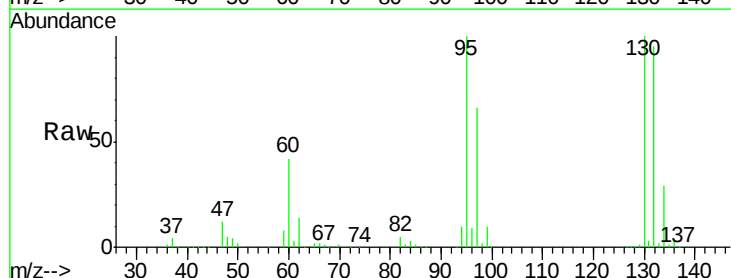
Acq: 04 Mar 2020 12:16

Tgt Ion: 130 Resp: 328842

Ion Ratio Lower Upper

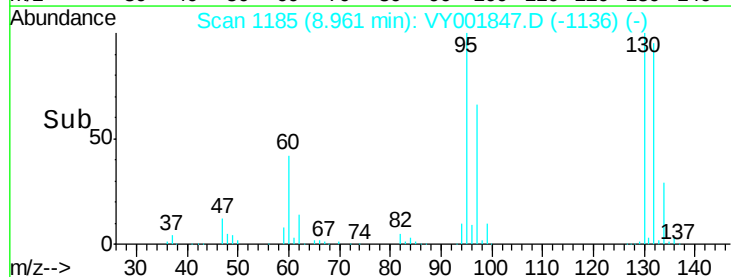
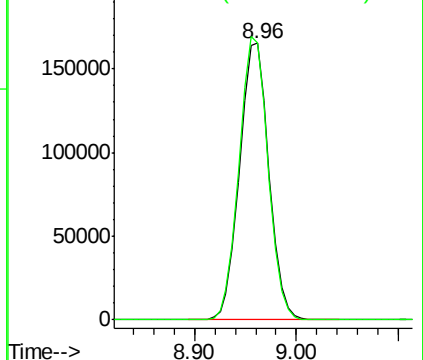
130 100

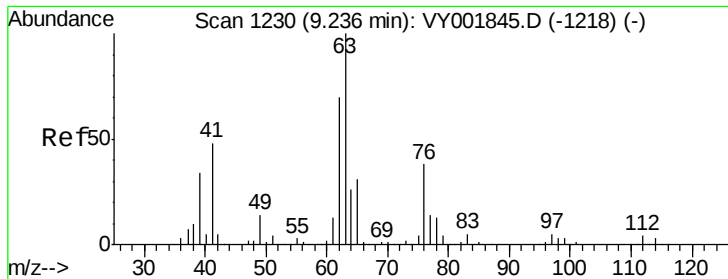
95 100.2 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001847.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001847.D (-1175) (-)

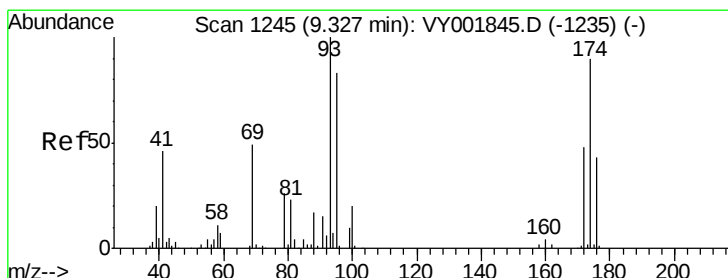
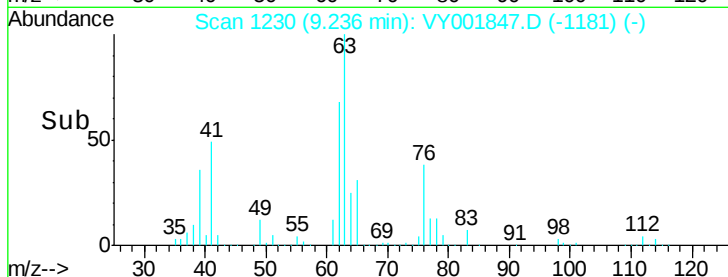
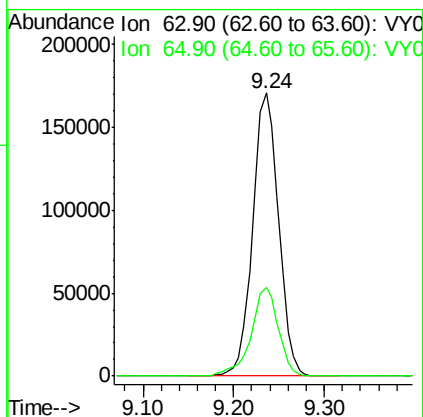
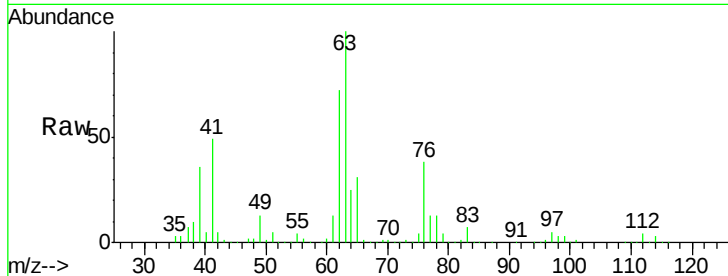




#45
 1,2-Dichloropropane
 Concen: 141.11 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

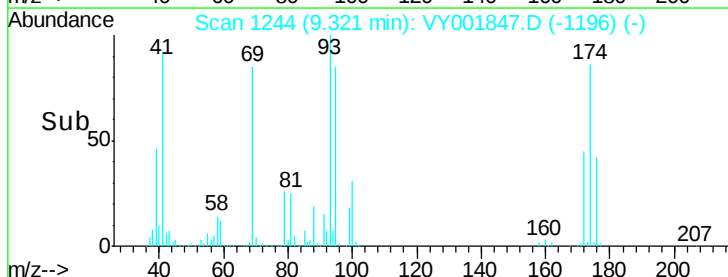
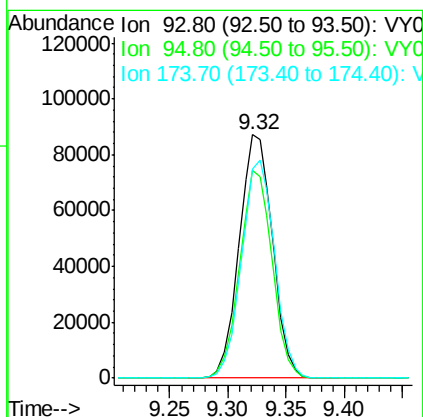
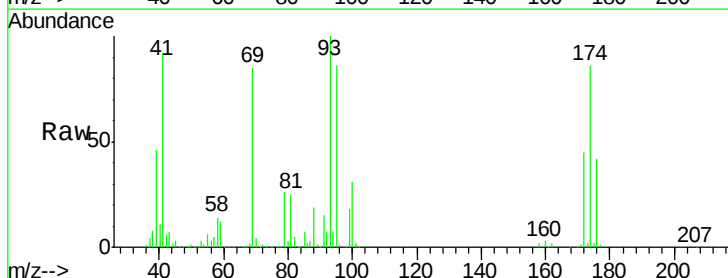
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

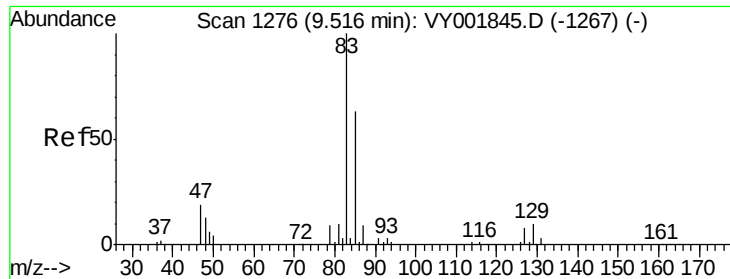
Tgt Ion: 63 Resp: 336664
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.9 37.3



#46
 Dibromomethane
 Concen: 140.39 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion: 93 Resp: 173538
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.4
 174 88.5 71.8 107.8





#47

Bromodichloromethane

Concen: 145.08 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

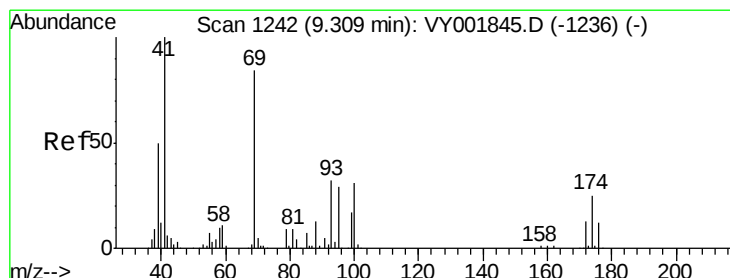
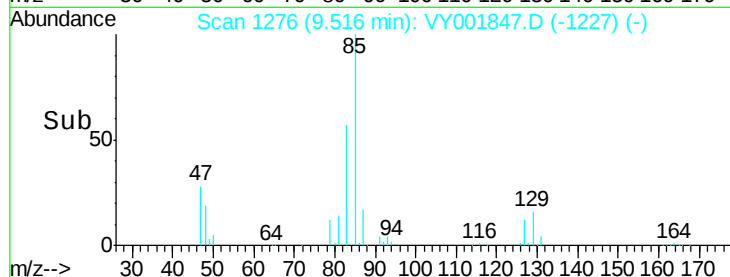
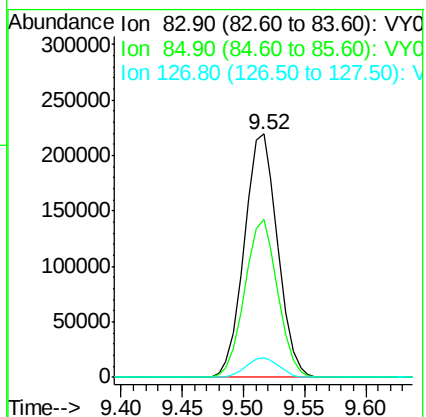
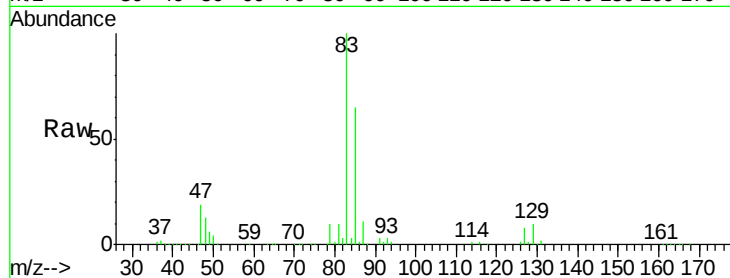
Tgt Ion: 83 Resp: 414545

Ion Ratio Lower Upper

83 100

85 65.0 50.6 76.0

127 7.9 6.2 9.4



#48

Methyl methacrylate

Concen: 138.75 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

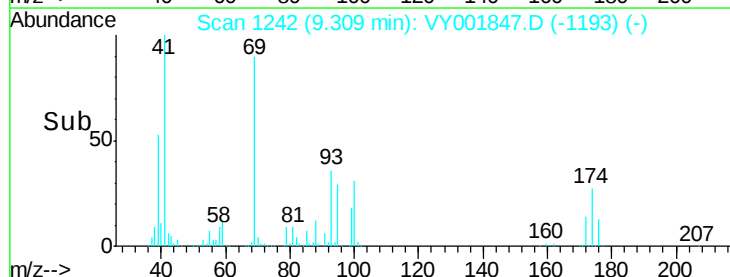
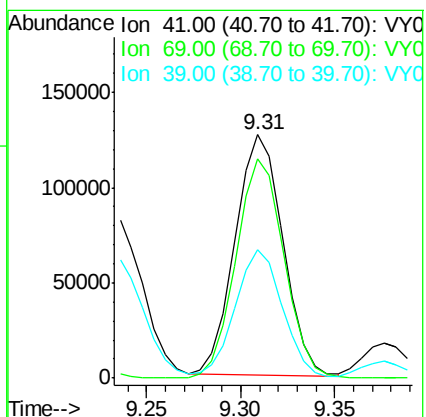
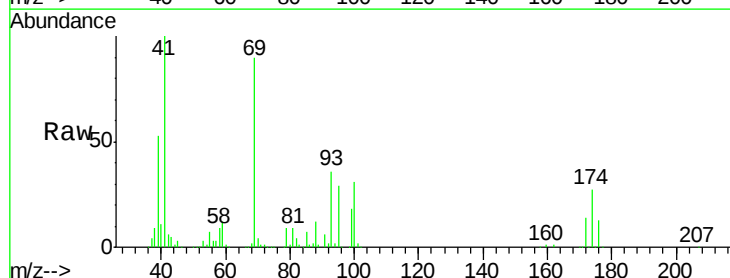
Tgt Ion: 41 Resp: 221512

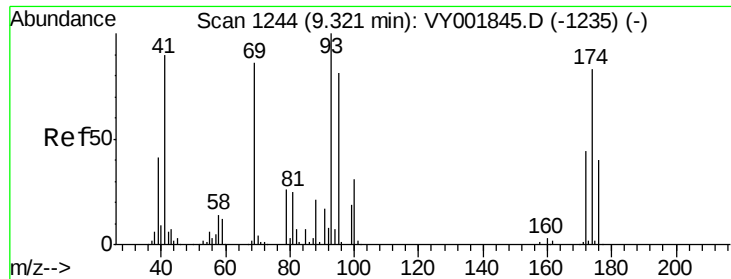
Ion Ratio Lower Upper

41 100

69 92.1 69.0 103.6

39 51.3 39.1 58.7

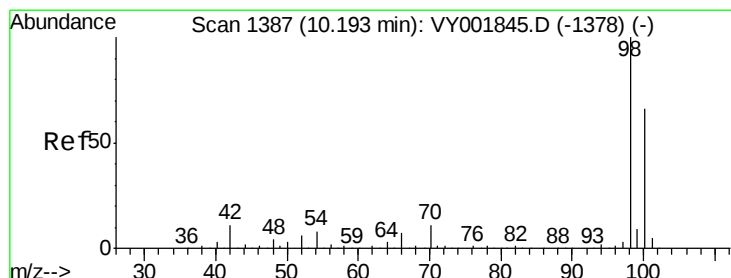
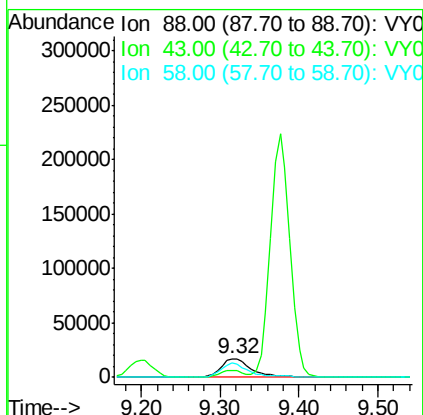
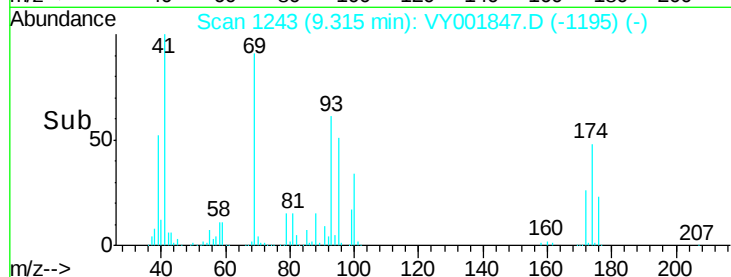
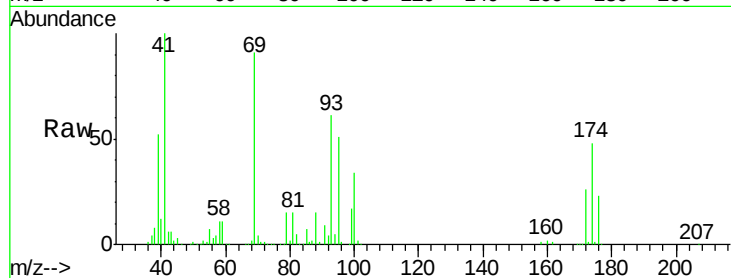




#49
1,4-Dioxane
Concen: 2877.02 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

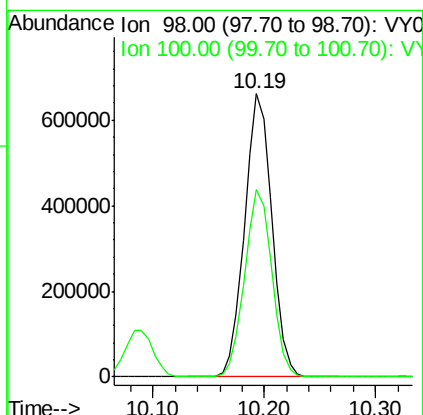
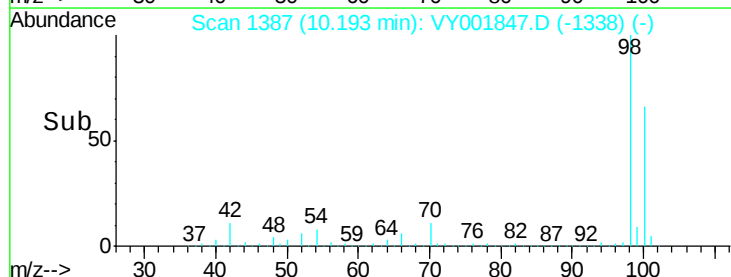
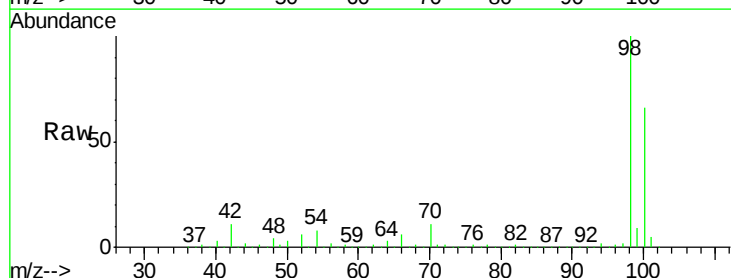
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

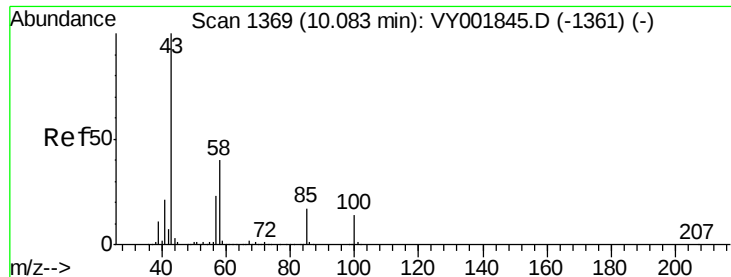
Tgt Ion: 88 Resp: 46893
Ion Ratio Lower Upper
88 100
43 30.2 25.0 37.6
58 73.3 58.9 88.3



#50
Toluene-d8
Concen: 144.22 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion: 98 Resp: 1123365
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 691.58 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

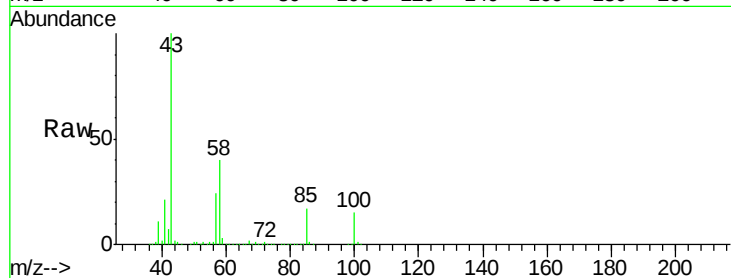
VSTDIC150

Tgt Ion: 43 Resp: 1255447

Ion Ratio Lower Upper

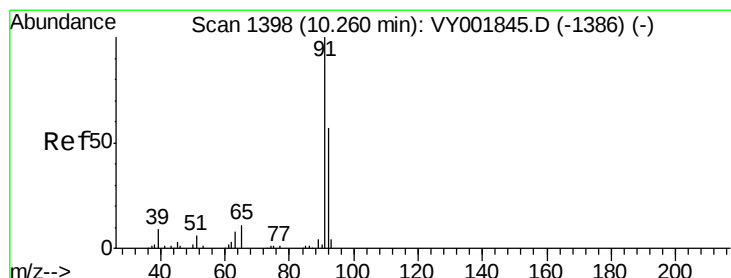
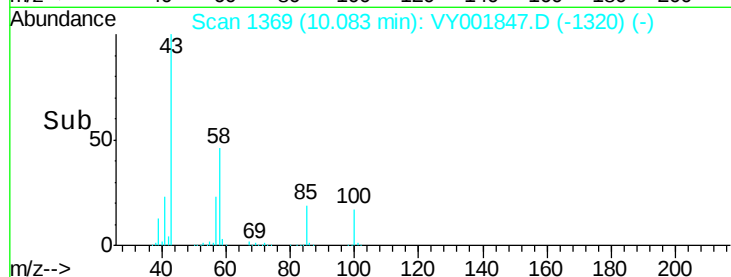
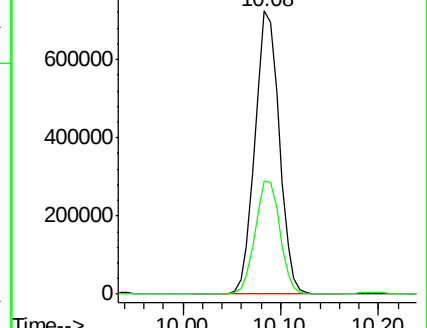
43 100

58 40.7 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001847.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001847.D (-1361) (-)



#52

Toluene

Concen: 143.30 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001847.D

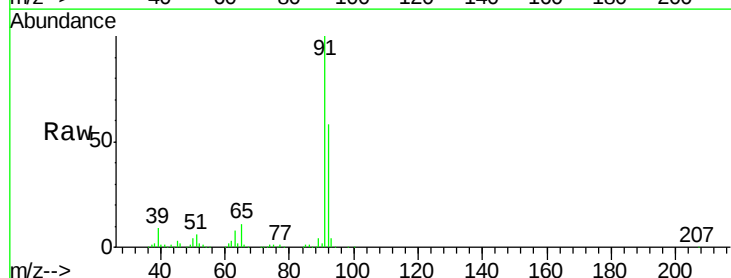
Acq: 04 Mar 2020 12:16

Tgt Ion: 92 Resp: 821462

Ion Ratio Lower Upper

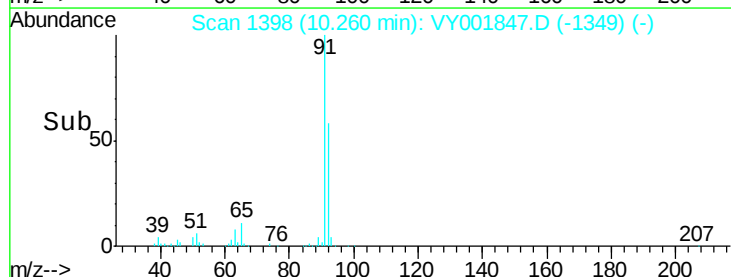
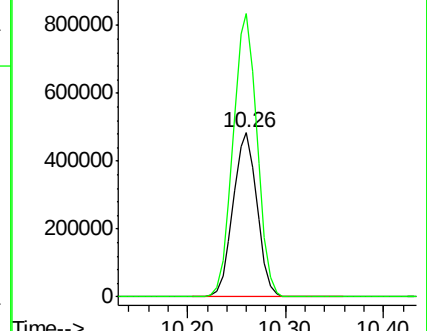
92 100

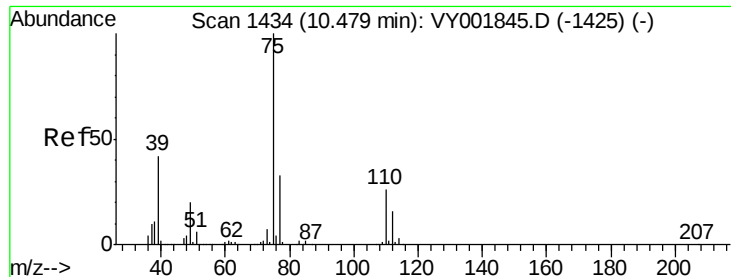
91 172.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001847.D (-1398) (-)

Ion 91.00 (90.70 to 91.70): VY001847.D (-1398) (-)





#53

t-1,3-Dichloropropene

Concen: 148.15 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

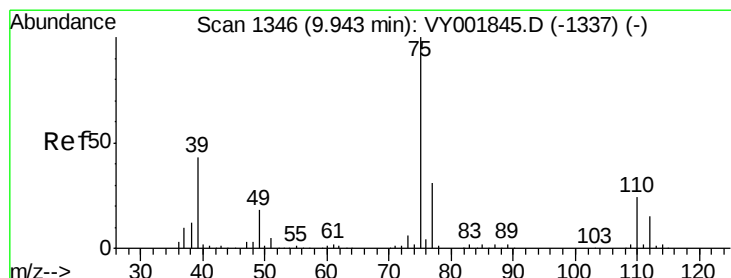
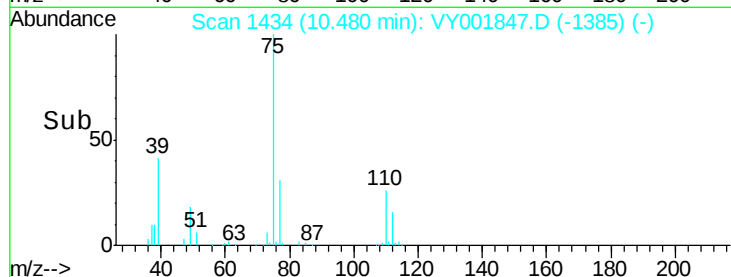
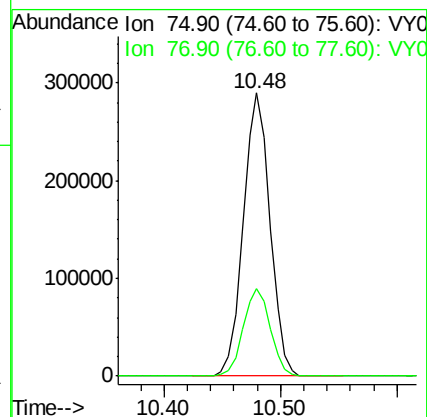
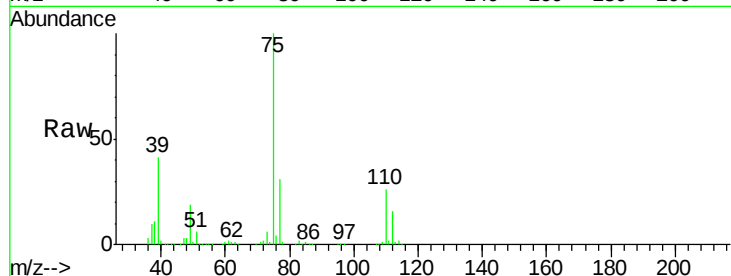
VSTDIC150

Tgt Ion: 75 Resp: 462316

Ion Ratio Lower Upper

75 100

77 31.0 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 145.17 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

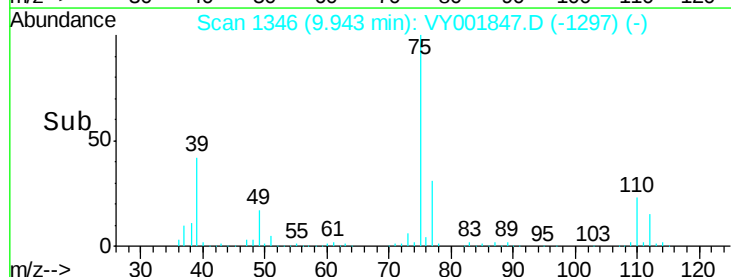
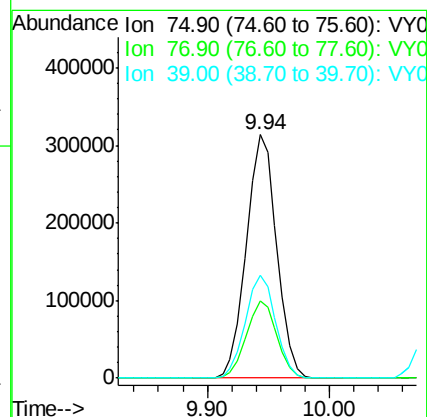
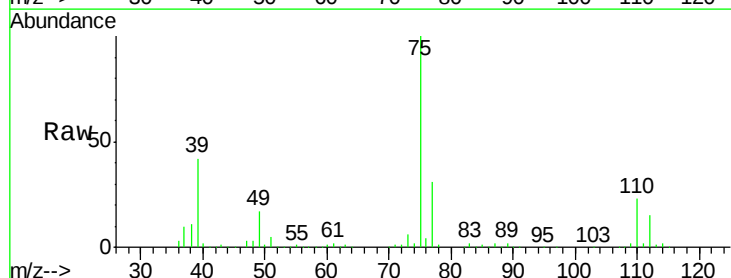
Tgt Ion: 75 Resp: 539904

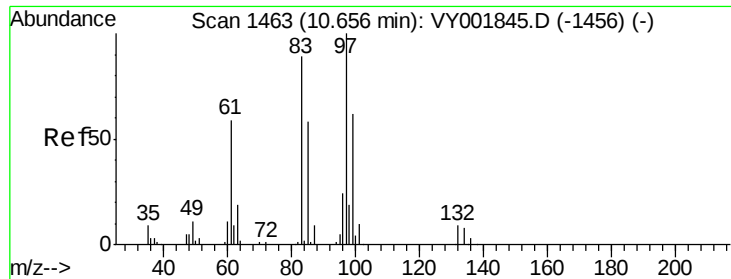
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 42.4 34.7 52.1

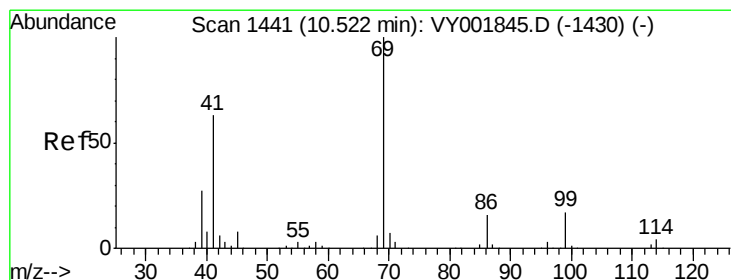
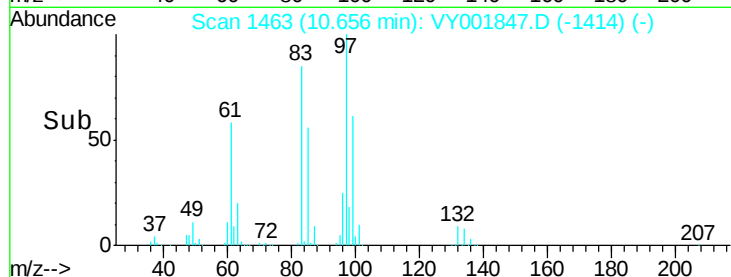
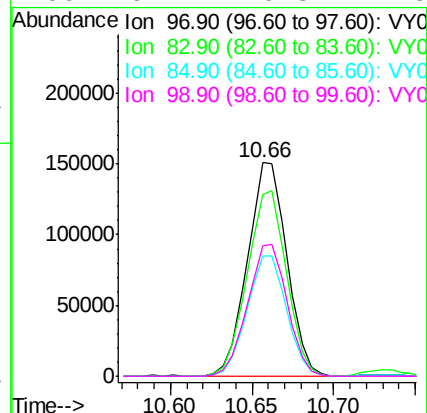
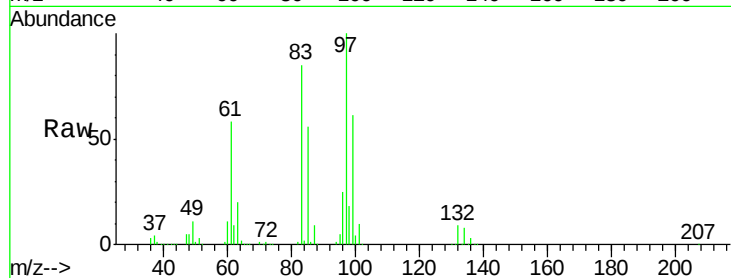




#55
 1,1,2-Trichloroethane
 Concen: 141.16 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

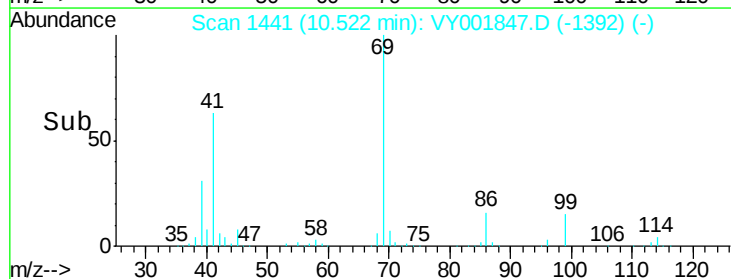
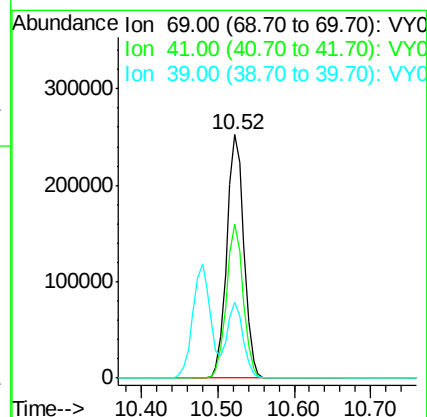
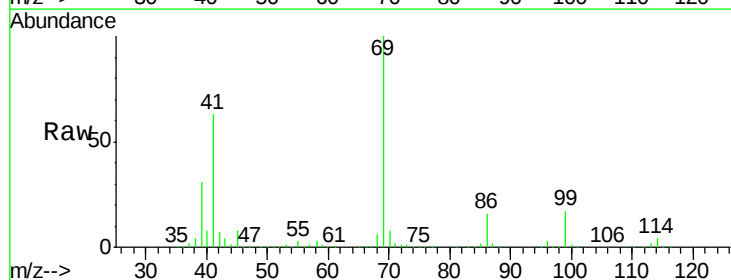
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

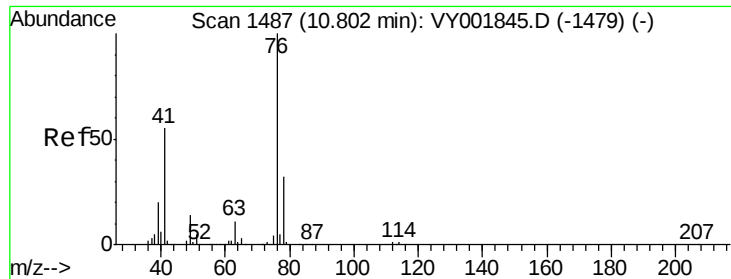
Tgt Ion:	97	Resp:	254596
Ion	Ratio	Lower	Upper
97	100		
83	85.2	71.6	107.4
85	56.3	46.6	69.8
99	61.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 148.03 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion:	69	Resp:	389061
Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.9	74.9
39	28.6	23.0	34.6





#57

1,3-Dichloropropane

Concen: 140.58 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

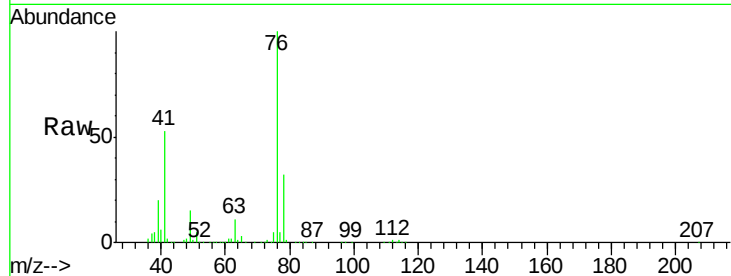
VSTDIC150

Tgt Ion: 76 Resp: 449025

Ion Ratio Lower Upper

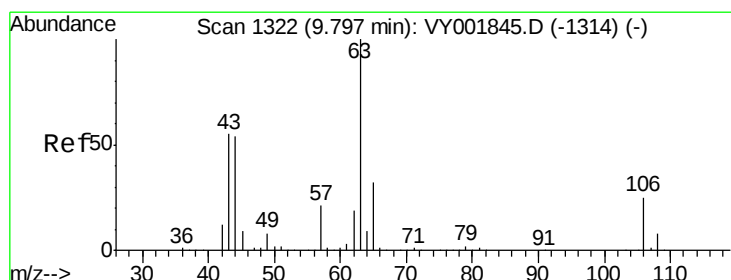
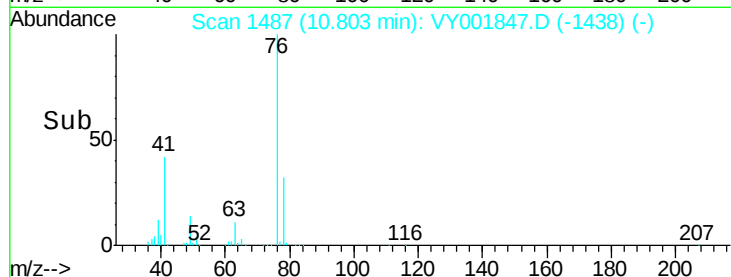
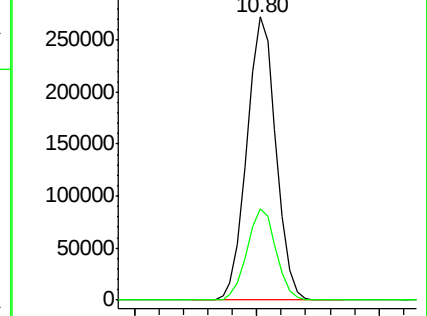
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 588.23 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001847.D

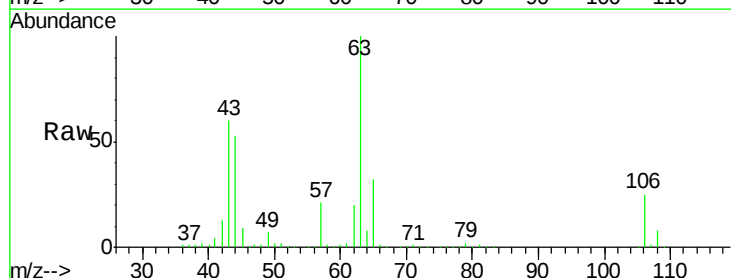
Acq: 04 Mar 2020 12:16

Tgt Ion: 63 Resp: 627176

Ion Ratio Lower Upper

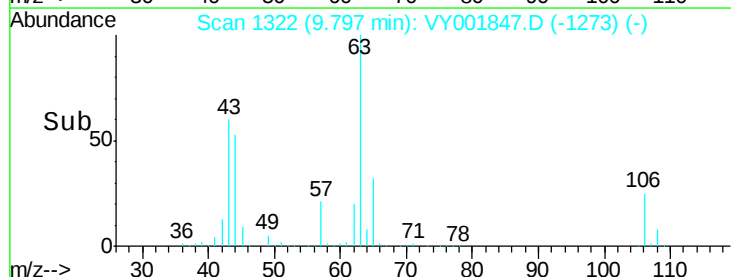
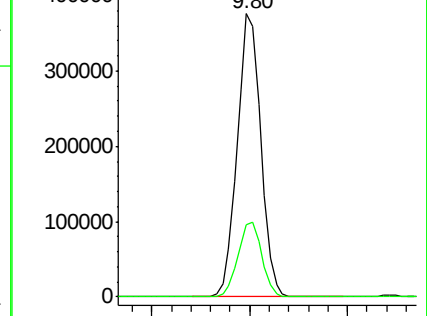
63 100

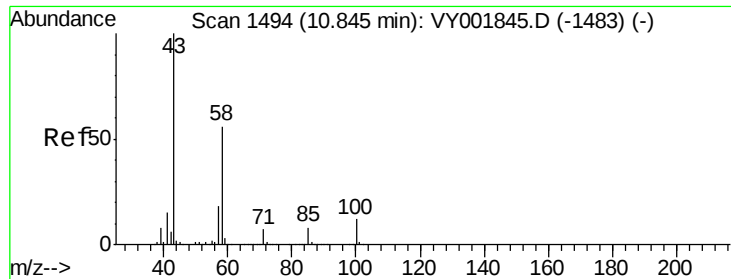
106 26.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

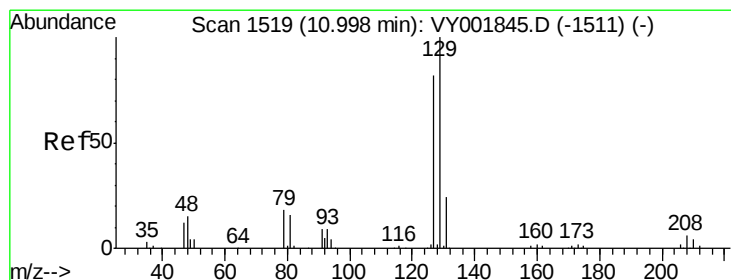
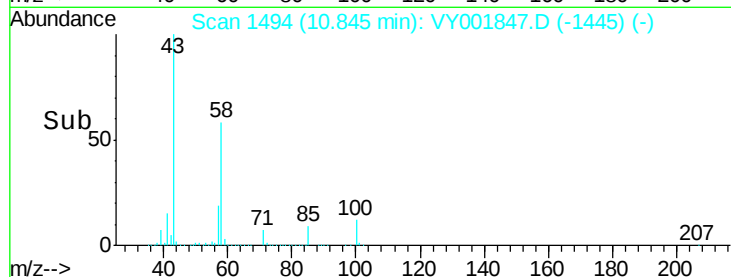
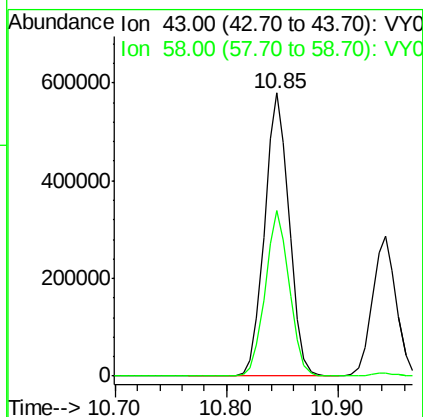
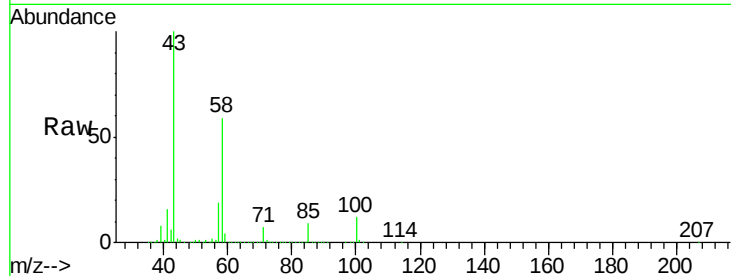




#59
2-Hexanone
Concen: 690.18 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

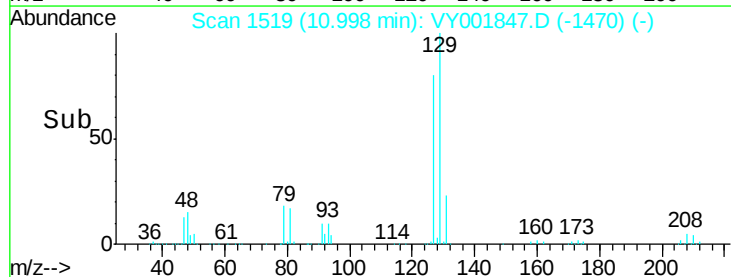
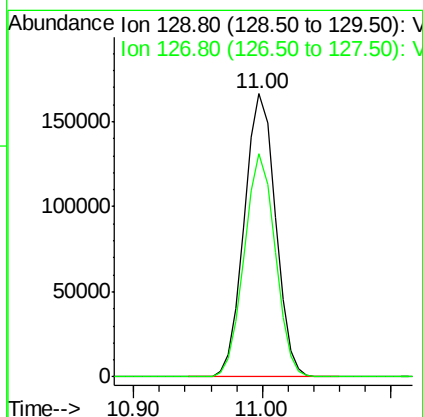
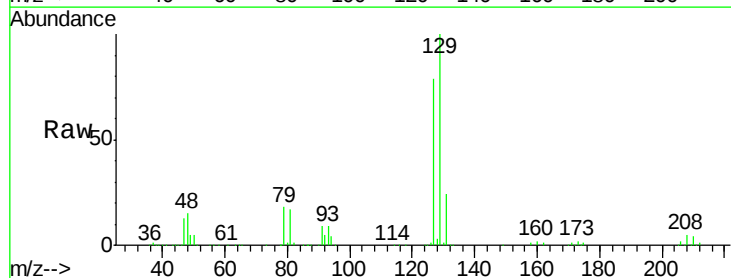
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

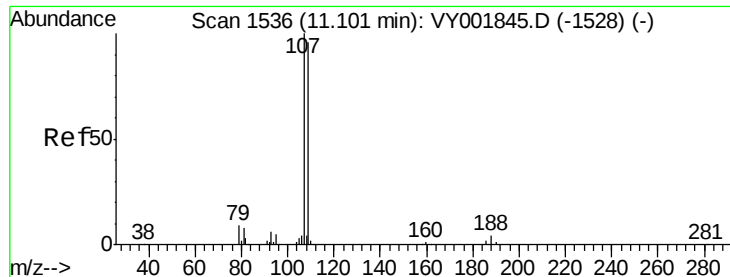
Tgt Ion: 43 Resp: 890846
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3



#60
Dibromochloromethane
Concen: 146.91 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion: 129 Resp: 278481
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

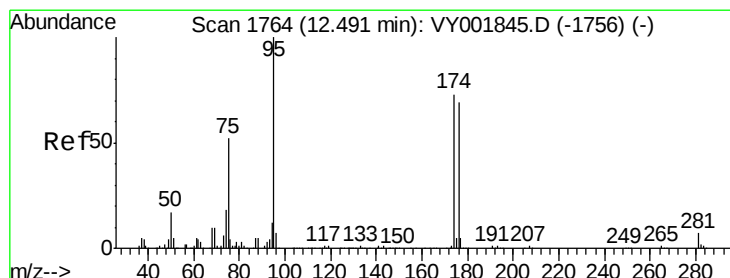
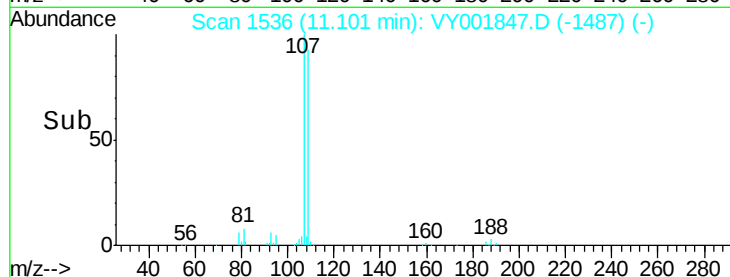
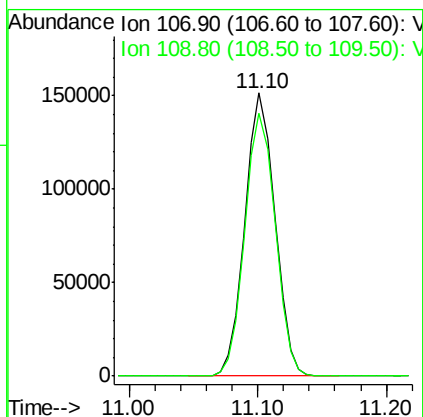
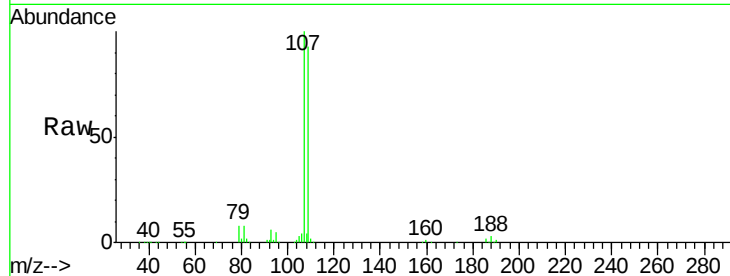




#61
 1,2-Dibromoethane
 Concen: 144.72 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

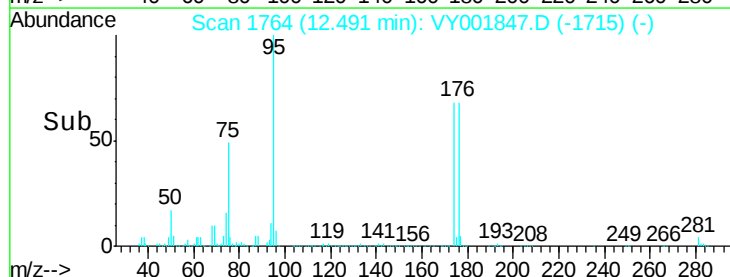
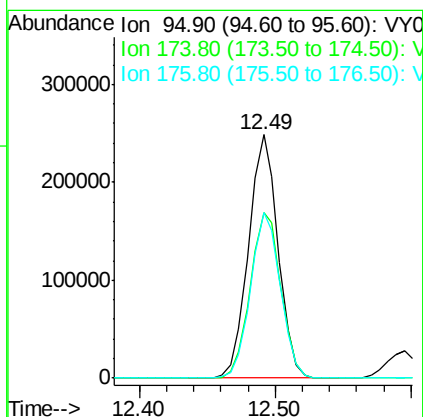
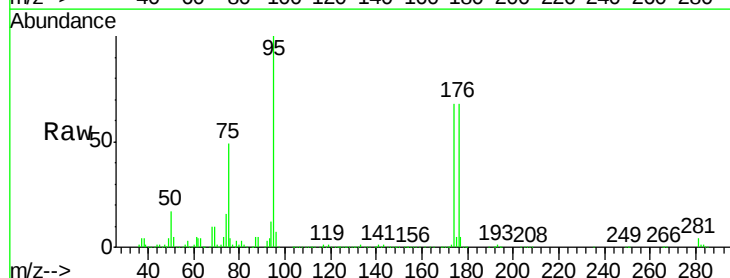
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

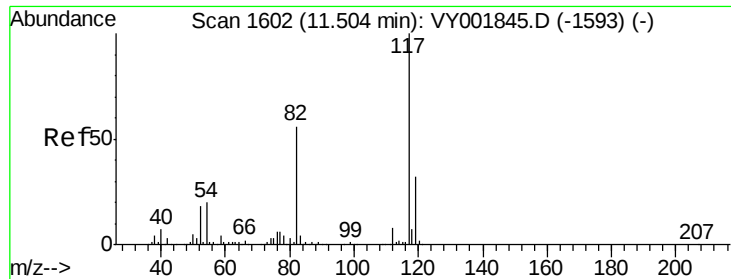
Tgt Ion: 107 Resp: 243950
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 139.83 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion: 95 Resp: 377959
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 145.0
 176 68.3 0.0 137.4

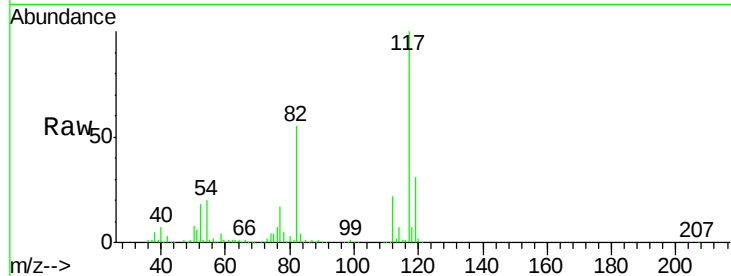




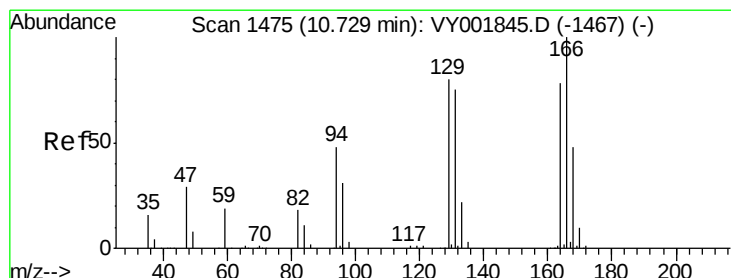
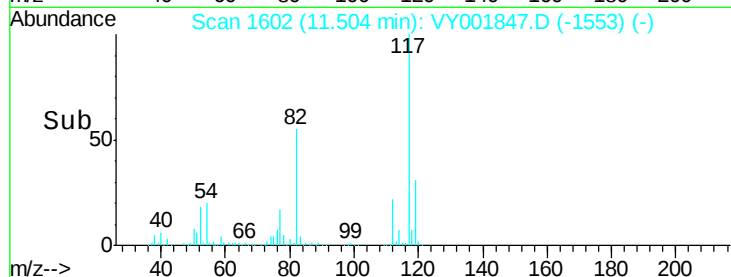
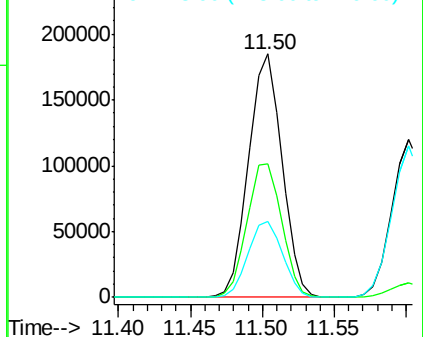
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 297132
Ion Ratio Lower Upper
117 100
82 55.1 44.5 66.7
119 31.2 25.7 38.5

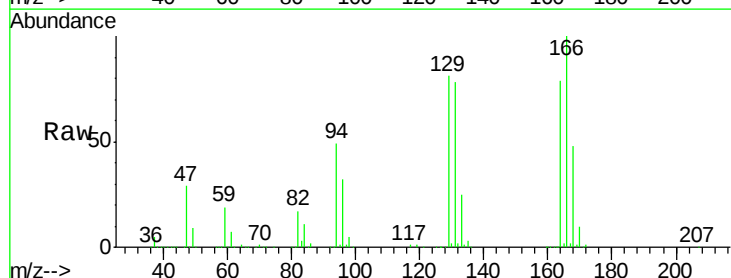


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

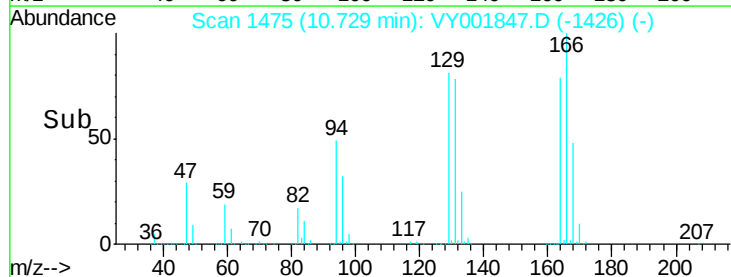
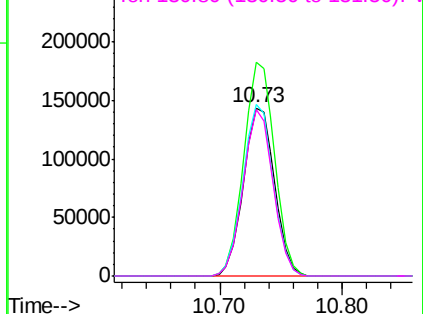


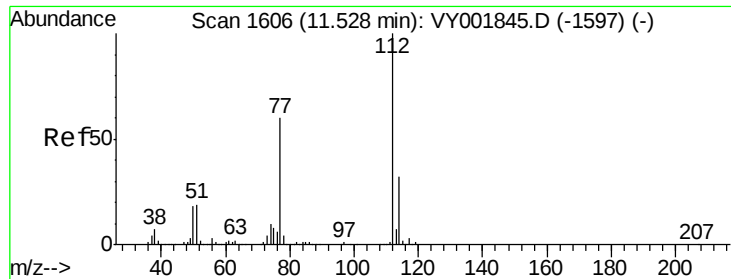
#64
Tetrachloroethene
Concen: 137.92 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion:164 Resp: 252790
Ion Ratio Lower Upper
164 100
166 127.2 102.6 154.0
129 102.4 82.3 123.5
131 99.3 77.4 116.0



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

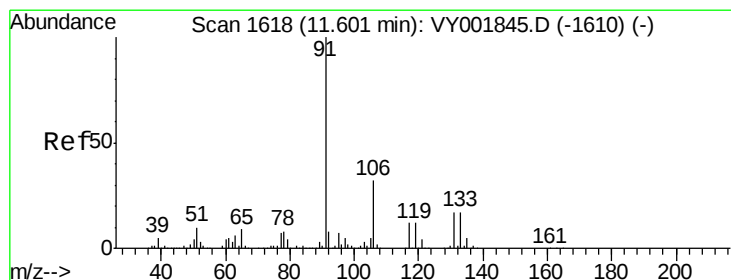
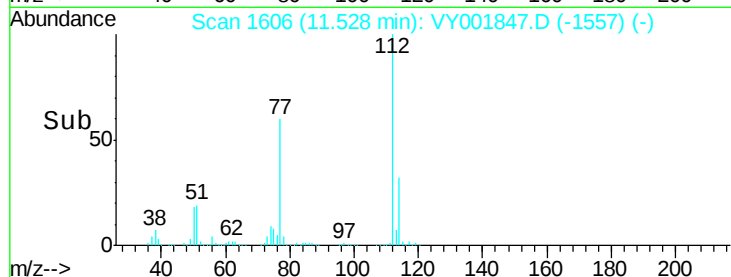
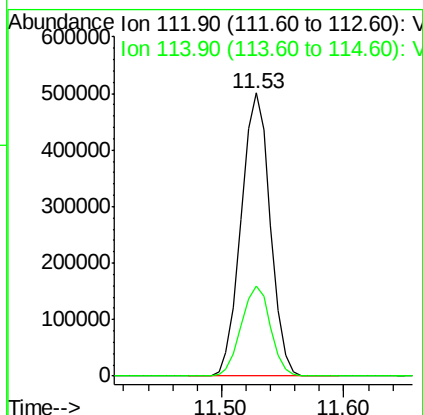
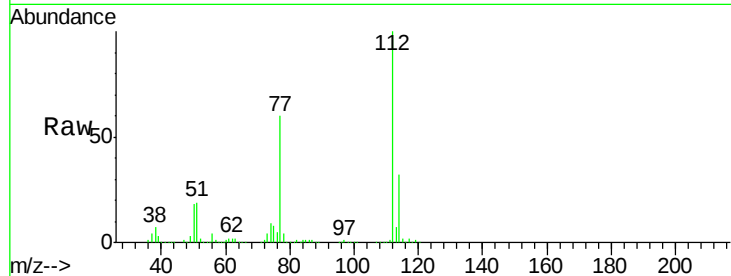




#65
Chlorobenzene
Concen: 142.12 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

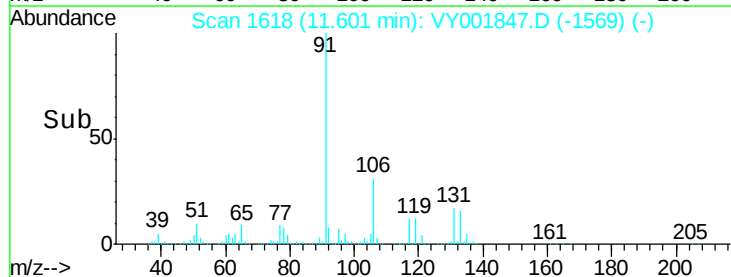
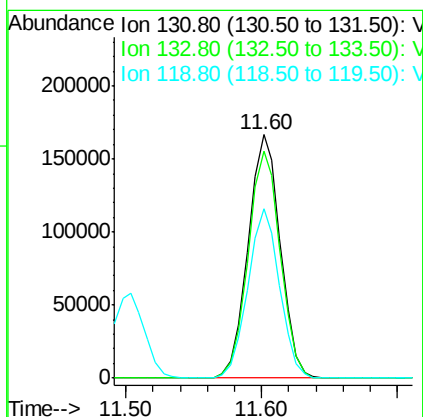
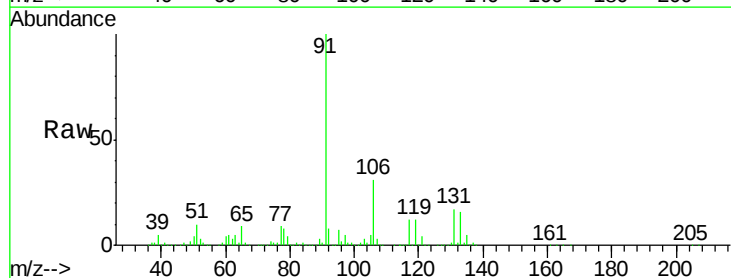
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

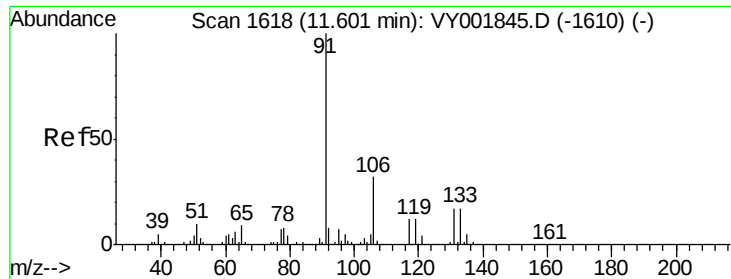
Tgt Ion:112 Resp: 824317
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 145.64 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion:131 Resp: 275496
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.3
119 68.4 34.5 103.6





#67

Ethyl Benzene

Concen: 141.48 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

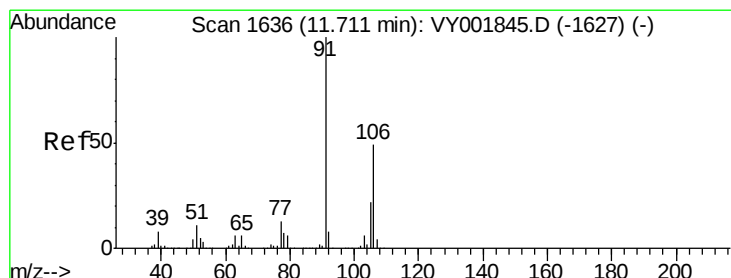
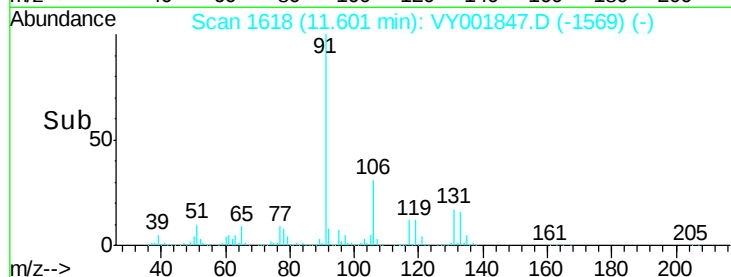
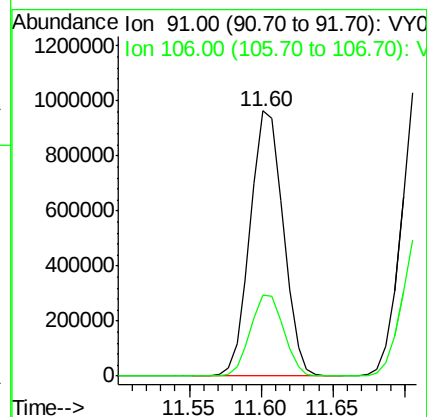
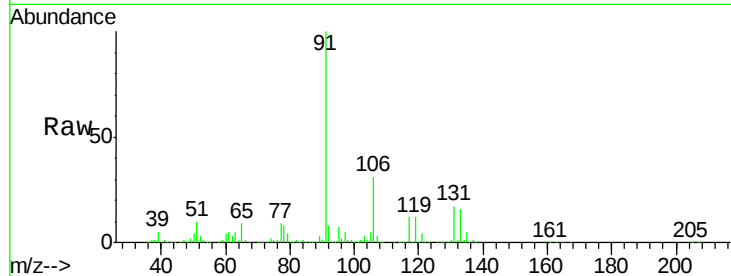
VSTDIC150

Tgt Ion: 91 Resp: 1533551

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 281.17 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001847.D

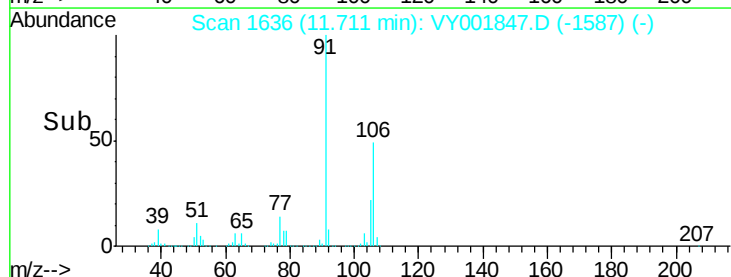
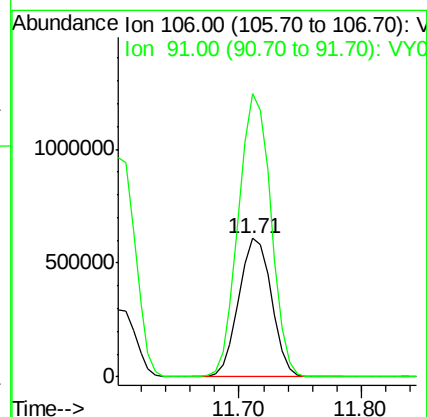
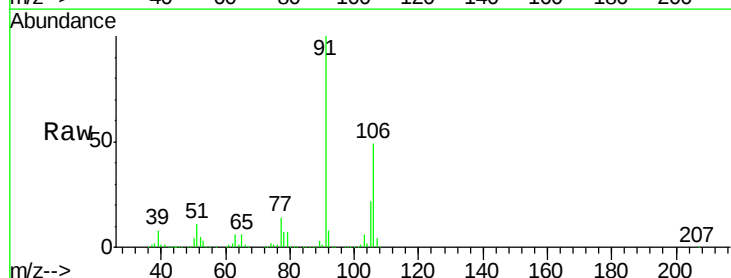
Acq: 04 Mar 2020 12:16

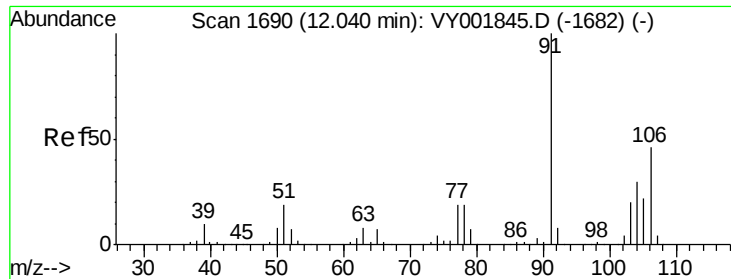
Tgt Ion: 106 Resp: 1127923

Ion Ratio Lower Upper

106 100

91 203.2 161.3 241.9

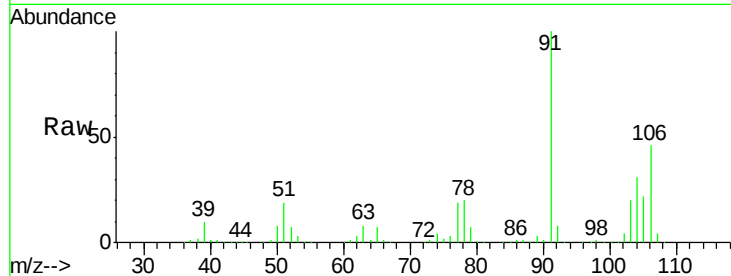




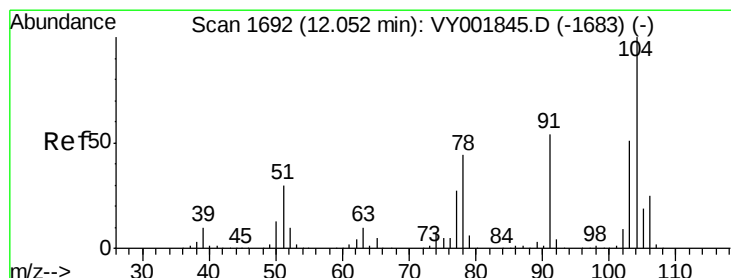
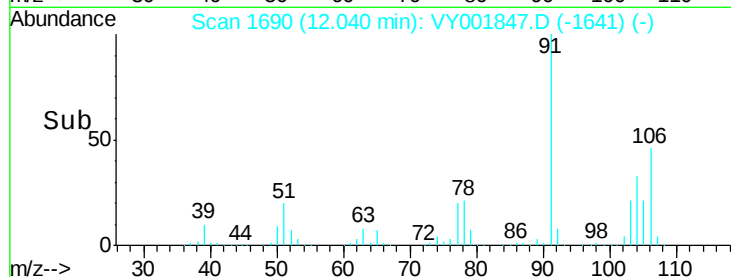
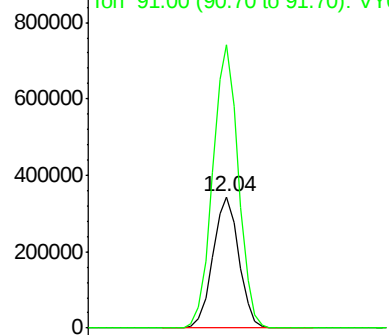
#69
o-Xylene
Concen: 141.16 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 532610
Ion Ratio Lower Upper
106 100
91 213.8 106.8 320.4

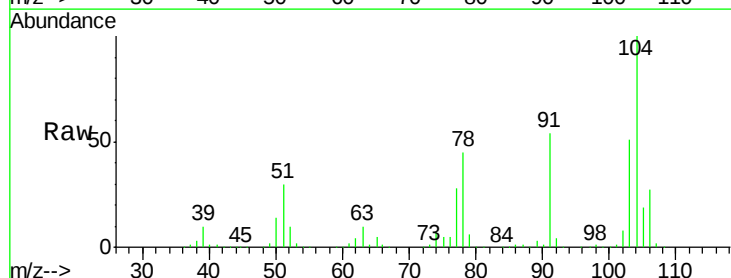


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

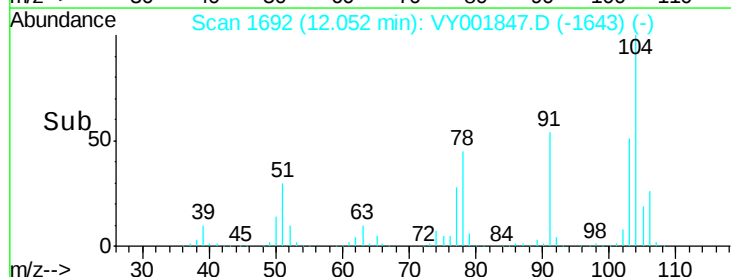
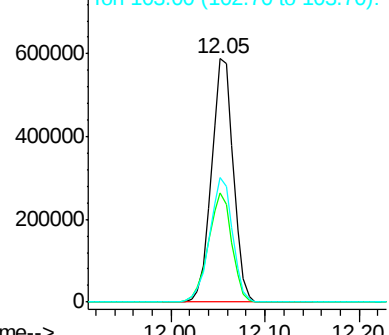


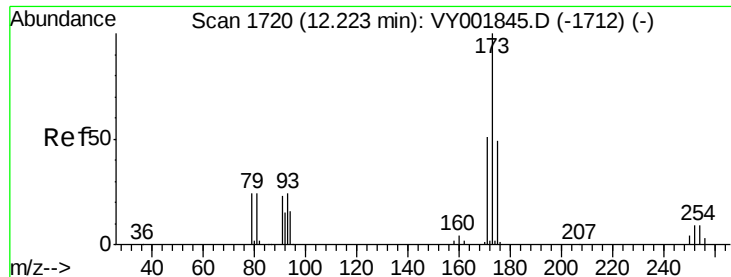
#70
Styrene
Concen: 143.72 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion:104 Resp: 937953
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.8 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 155.14 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

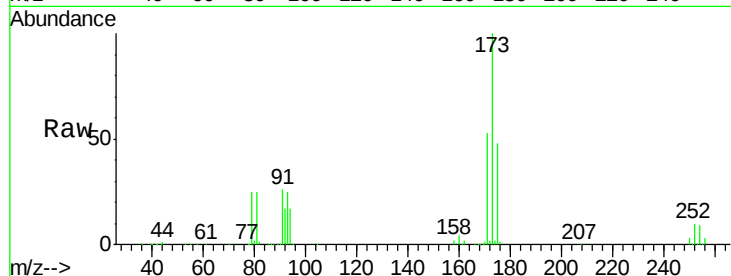
Tgt Ion:173 Resp: 160534

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.8

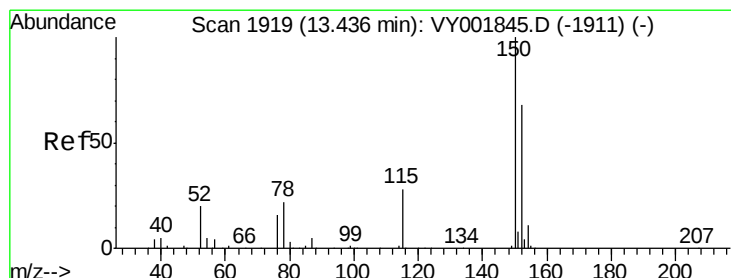
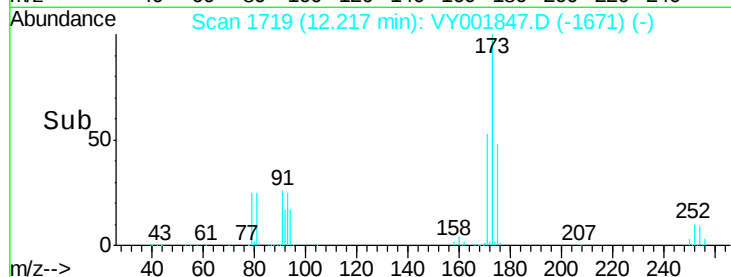
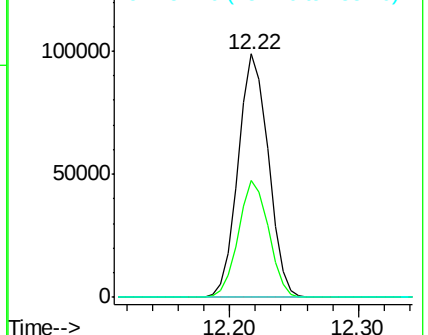
254 0.1 0.0 0.0#



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: VY001847.D

Acq: 04 Mar 2020 12:16

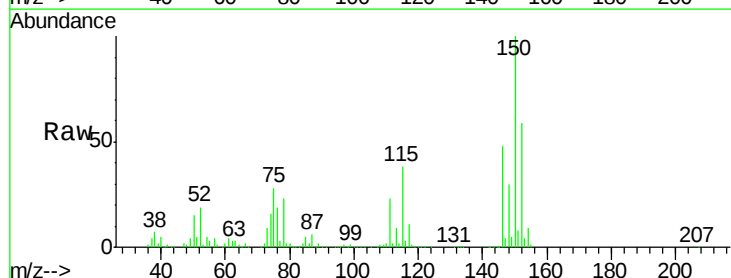
Tgt Ion:152 Resp: 129098

Ion Ratio Lower Upper

152 100

115 62.1 29.9 89.7

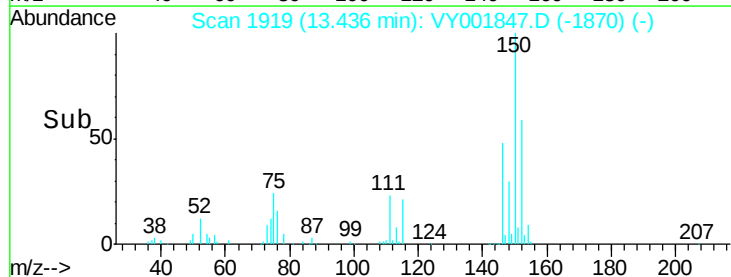
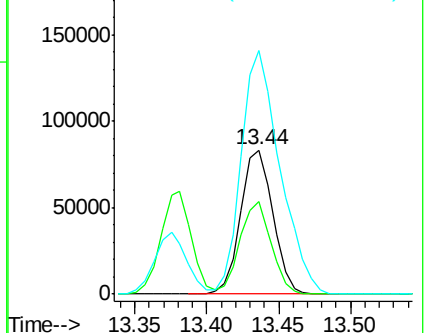
150 203.2 0.0 340.6

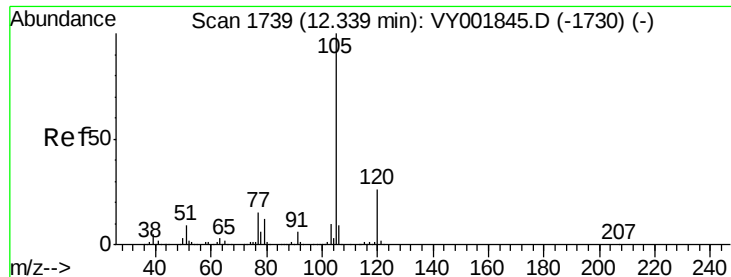


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.96 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

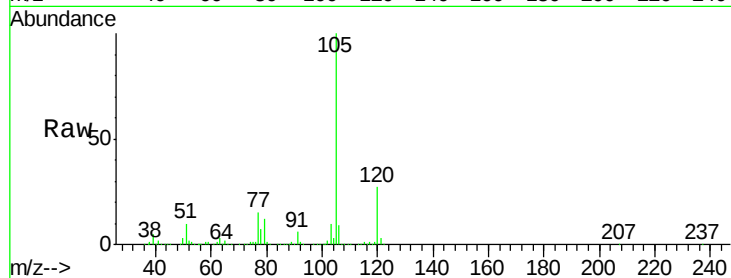
VSTDIC150

Tgt Ion:105 Resp: 1444141

Ion Ratio Lower Upper

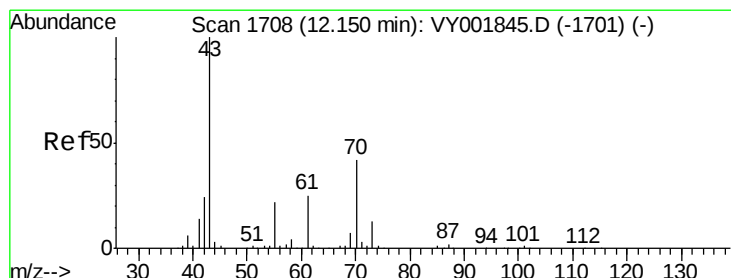
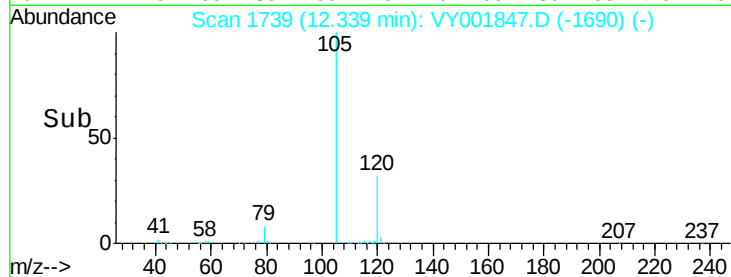
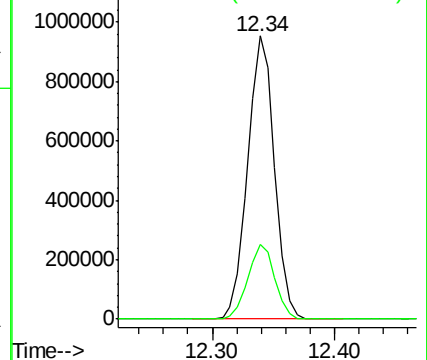
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 146.77 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Tgt Ion: 43 Resp: 436326

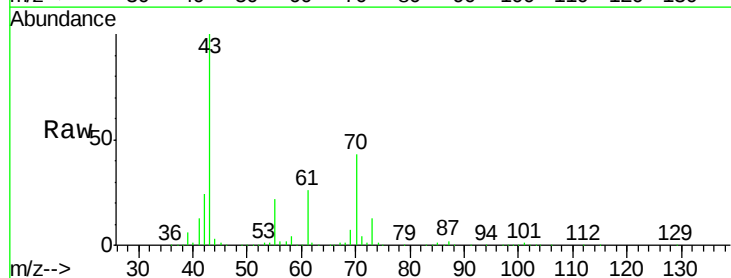
Ion Ratio Lower Upper

43 100

70 45.0 34.7 52.1

55 23.1 18.2 27.4

61 26.0 20.1 30.1

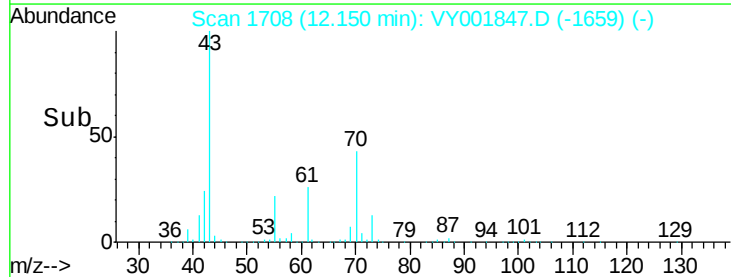
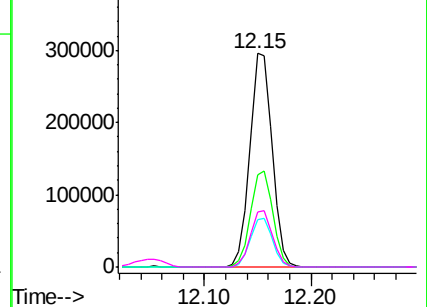


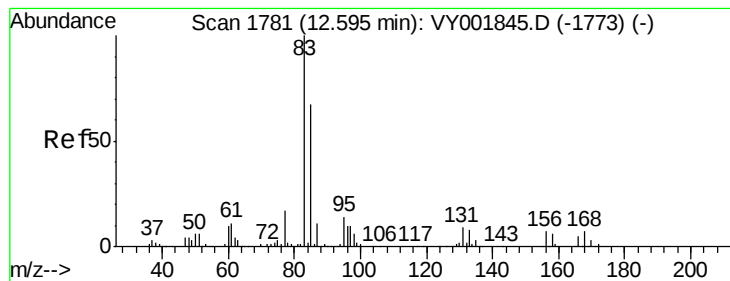
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 148.02 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

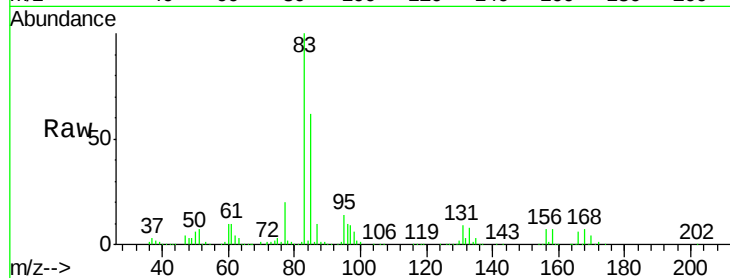
Tgt Ion: 83 Resp: 309357

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

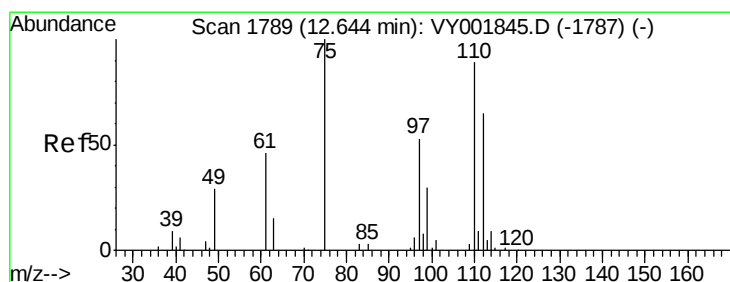
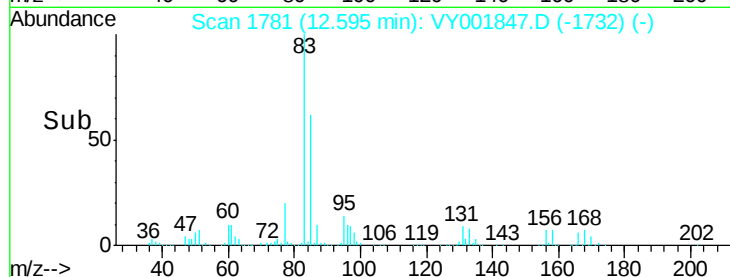
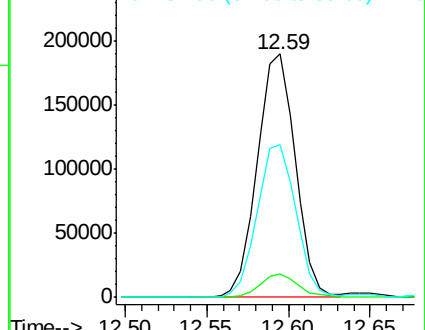
85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY001847.D (-1732) (-)

Ion 130.80 (130.50 to 131.50): VY001847.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VY001847.D (-1732) (-)



#76

1,2,3-Trichloropropane

Concen: 162.43 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001847.D

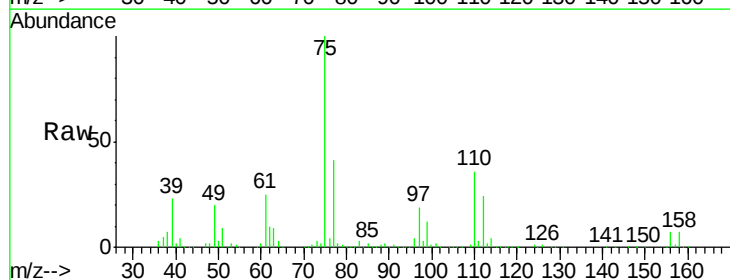
Acq: 04 Mar 2020 12:16

Tgt Ion: 75 Resp: 398390

Ion Ratio Lower Upper

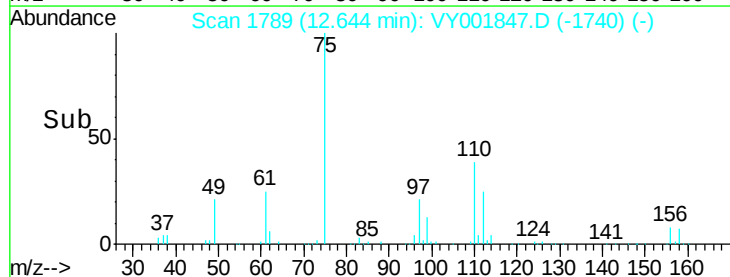
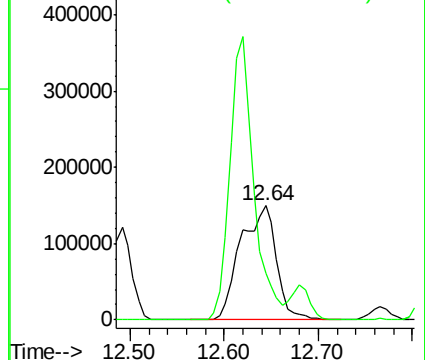
75 100

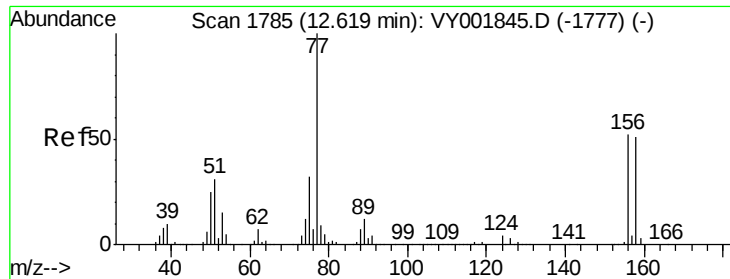
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001847.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001847.D (-1740) (-)





#77

Bromobenzene

Concen: 145.49 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

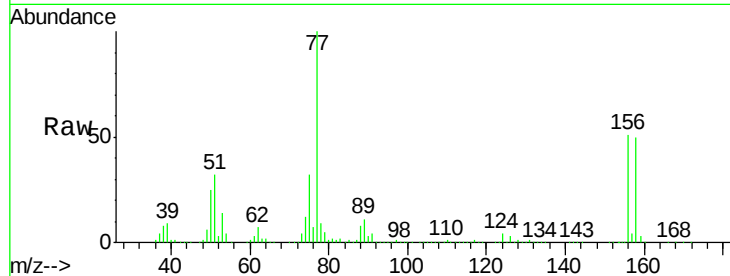
Tgt Ion:156 Resp: 299509

Ion Ratio Lower Upper

156 100

77 218.3 109.0 327.0

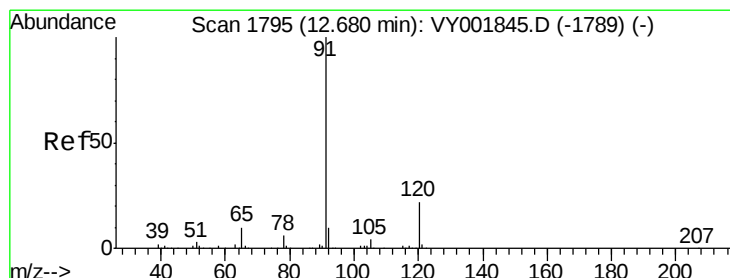
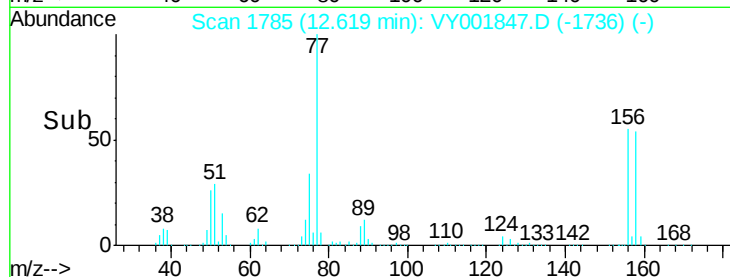
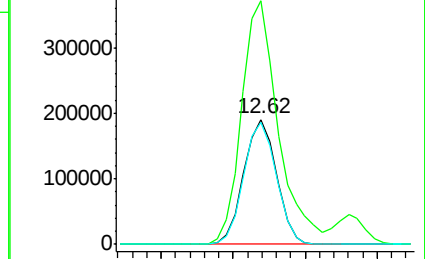
158 97.8 48.9 146.8



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: 147.83 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001847.D

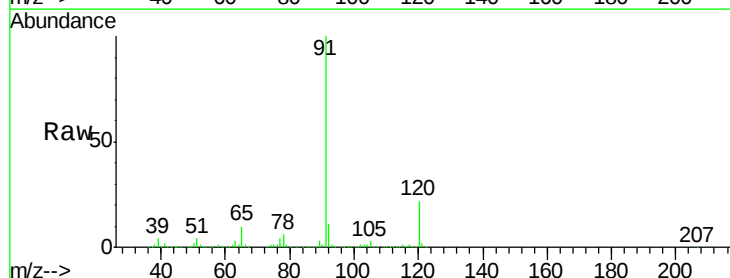
Acq: 04 Mar 2020 12:16

Tgt Ion: 91 Resp: 1767754

Ion Ratio Lower Upper

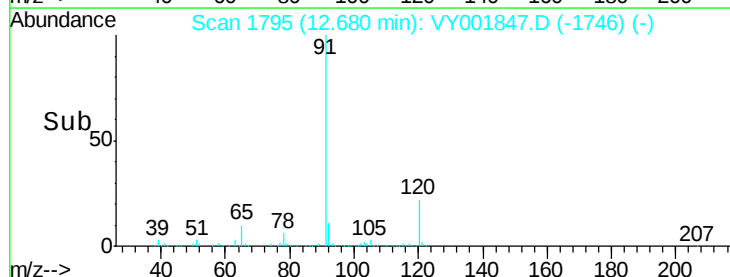
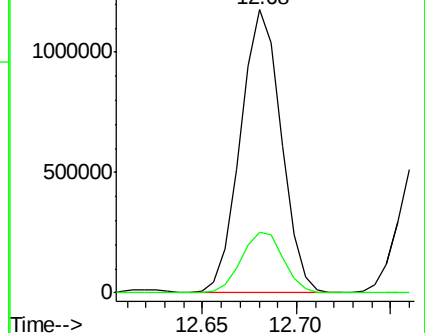
91 100

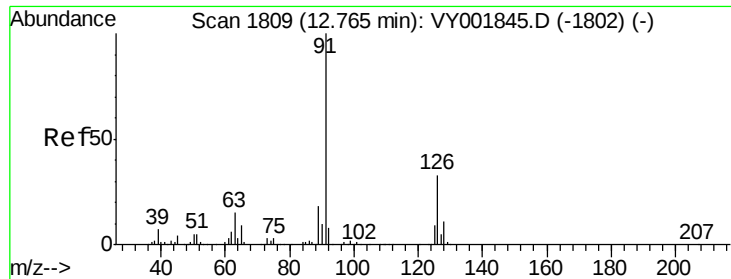
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

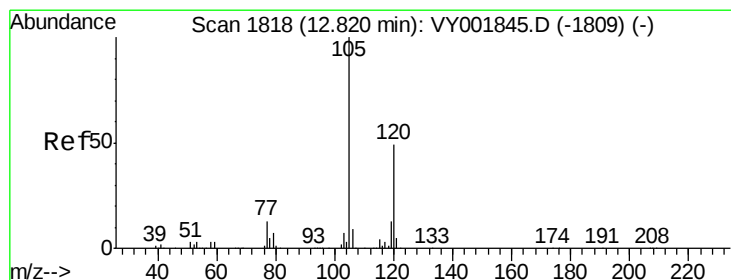
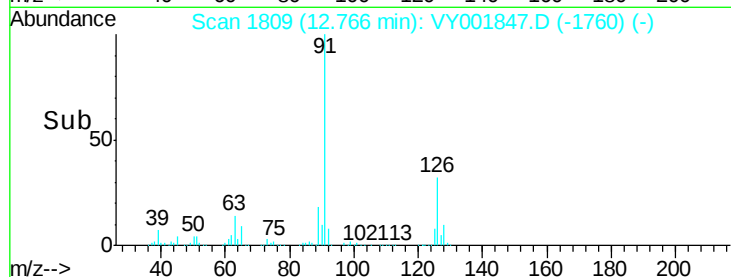
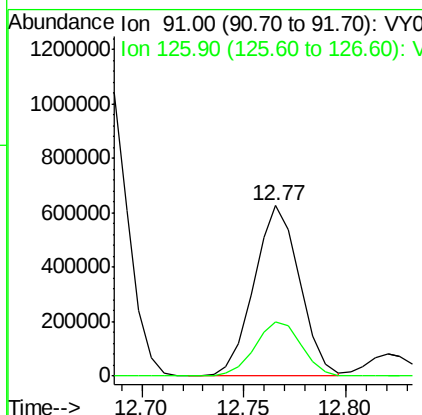
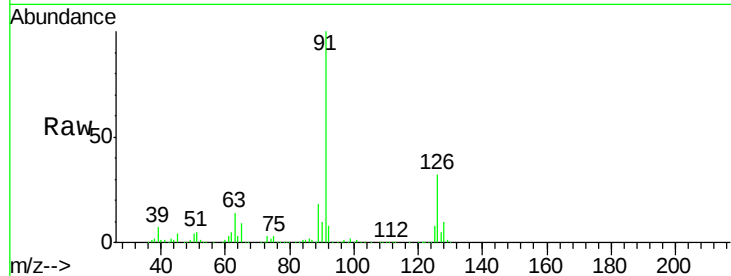




#79
 2-Chlorotoluene
 Concen: 147.15 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

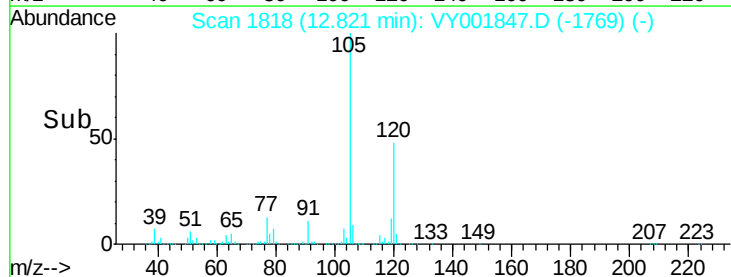
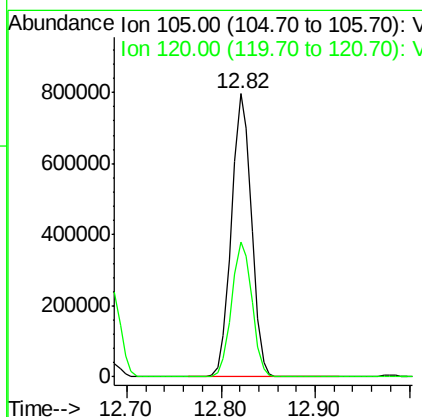
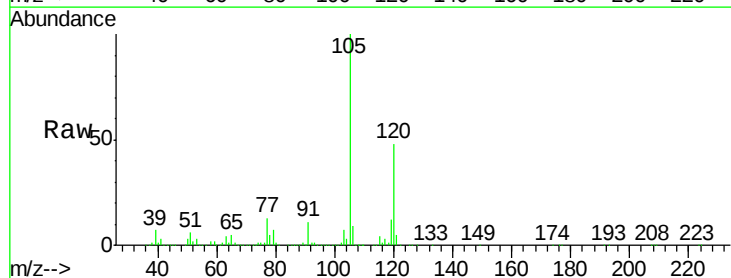
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

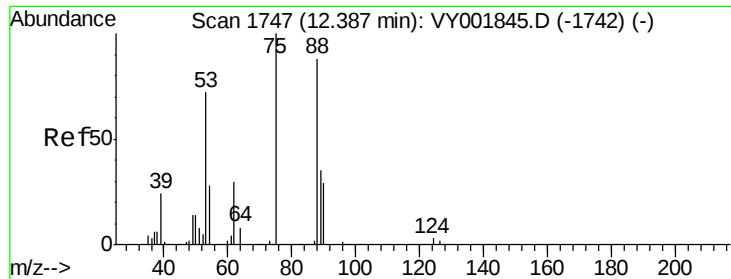
Tgt Ion: 91 Resp: 973245
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 147.63 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion: 105 Resp: 1172047
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.4 73.2

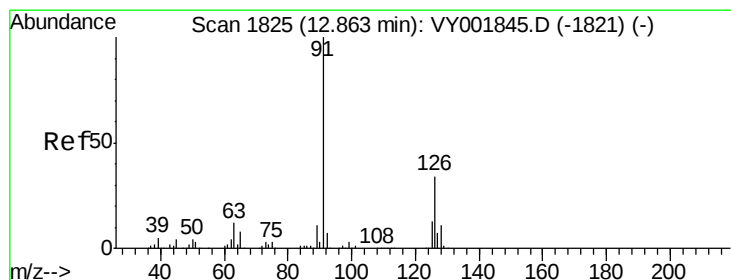
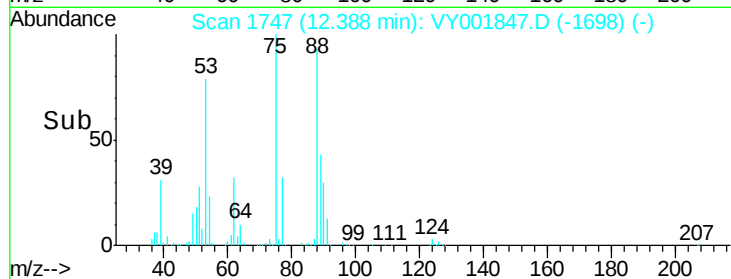
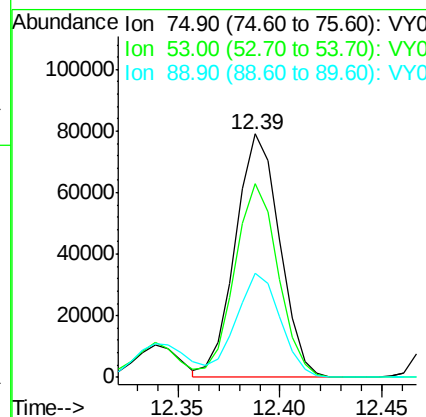
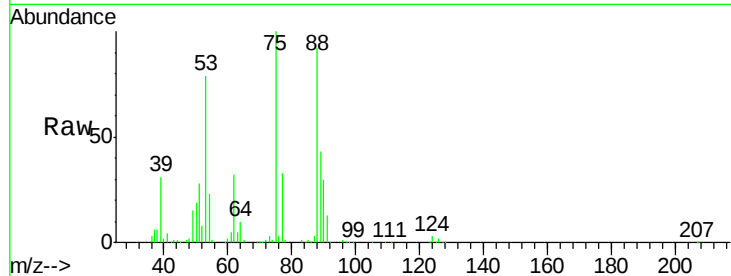




#81
trans-1,4-Dichloro-2-butene
Concen: 158.17 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

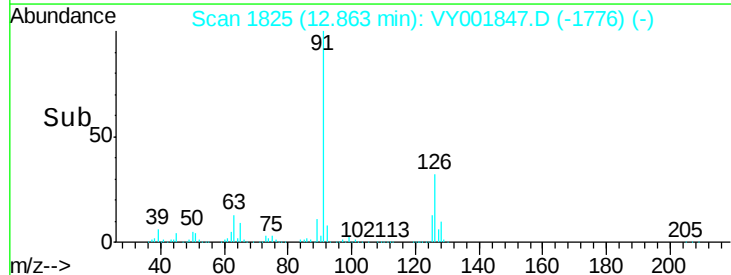
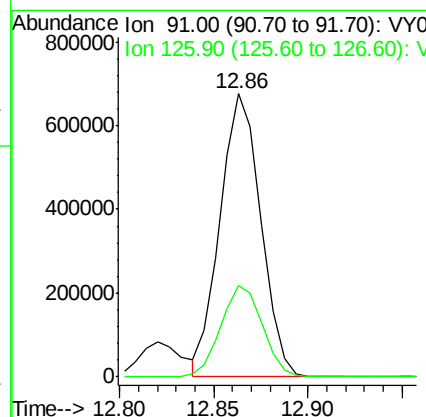
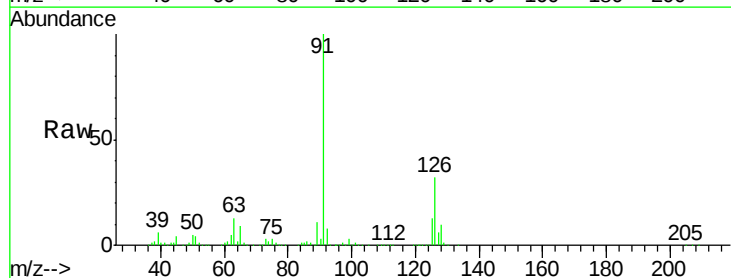
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

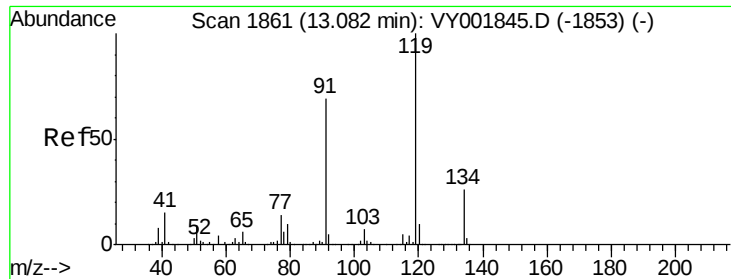
Tgt Ion: 75 Resp: 118674
Ion Ratio Lower Upper
75 100
53 78.6 65.4 98.0
89 43.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 147.77 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion: 91 Resp: 1012250
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

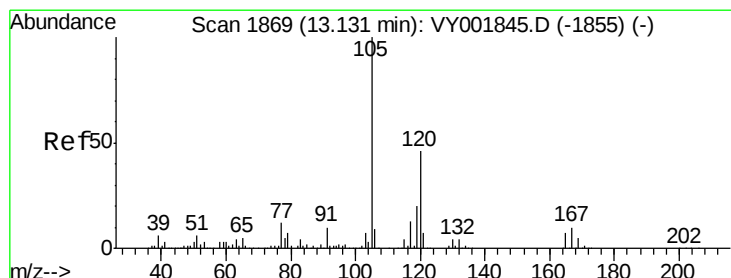
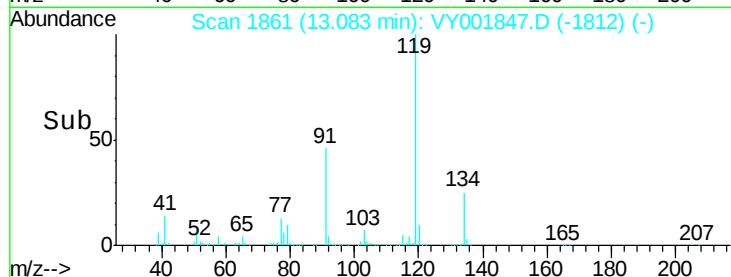
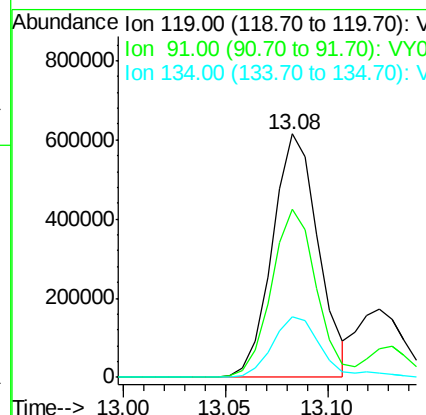
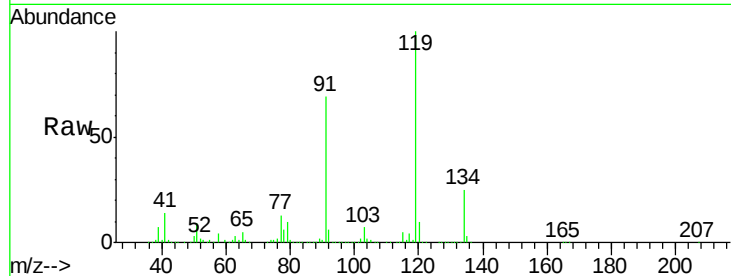




#83
 tert-Butylbenzene
 Concen: 145.69 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

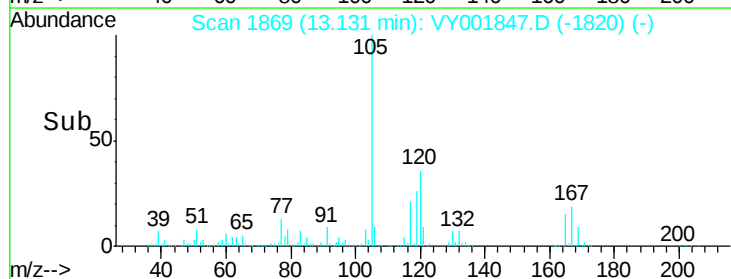
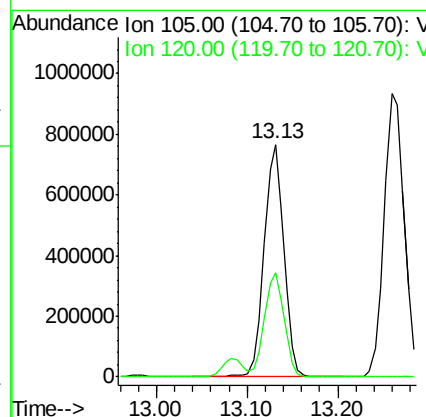
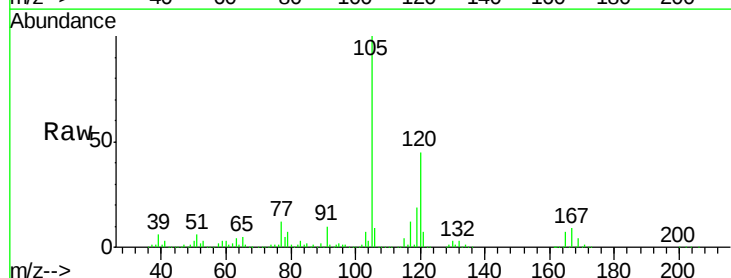
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

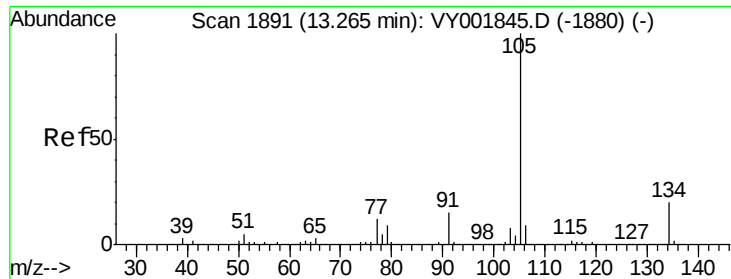
Tgt Ion:119 Resp: 966400
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.0 101.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 144.65 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion:105 Resp: 1148164
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7

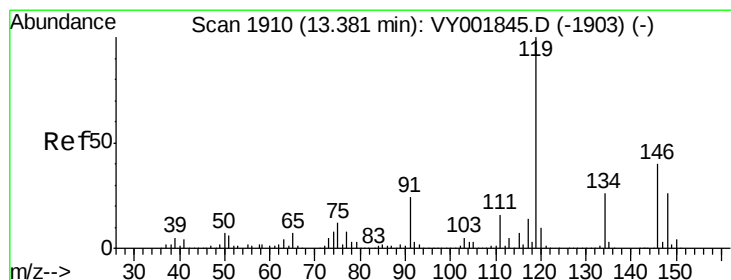
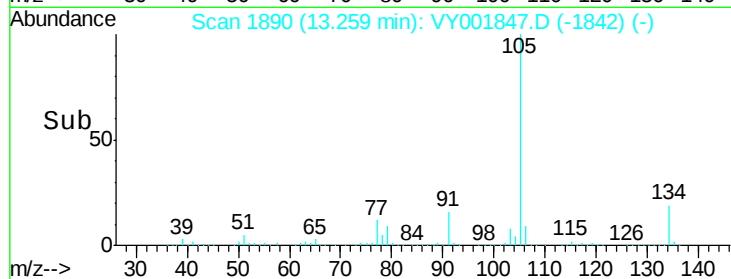
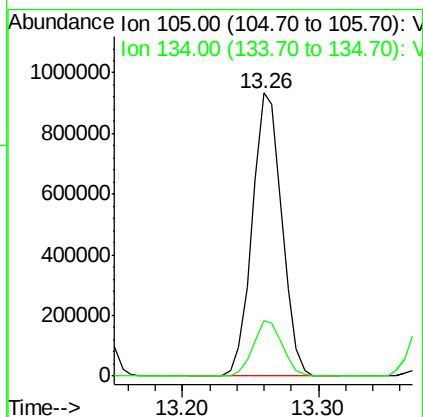
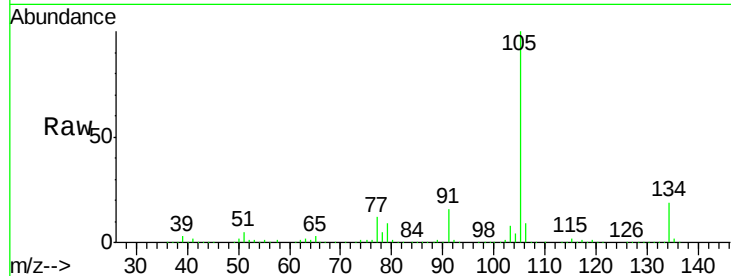




#85
 sec-Butylbenzene
 Concen: 145.72 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

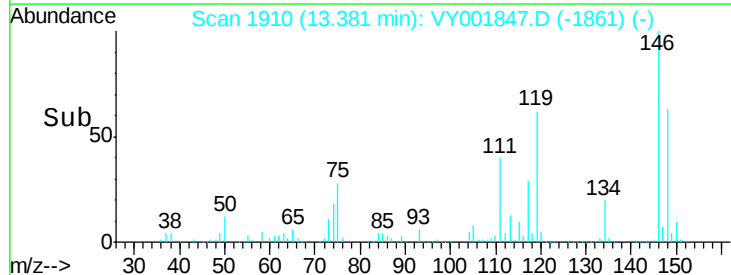
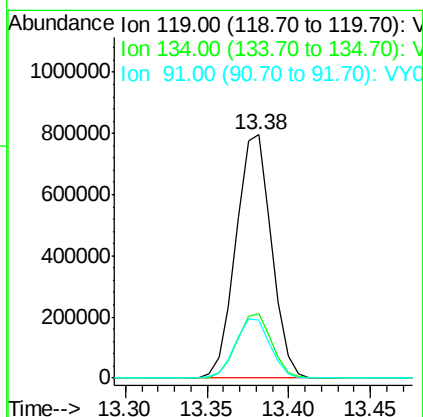
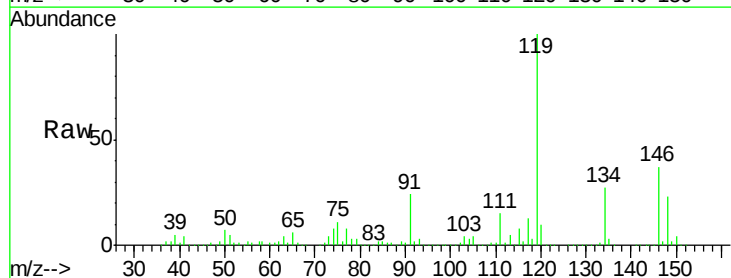
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

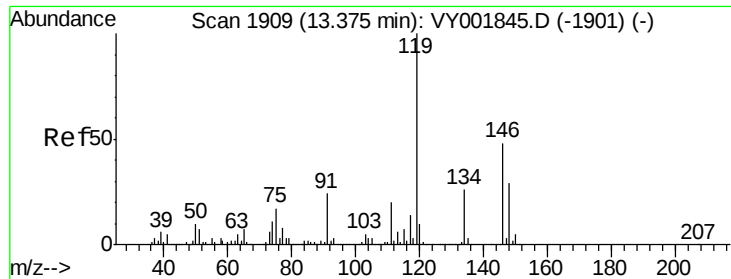
Tgt Ion:105 Resp: 1427259
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 143.38 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion:119 Resp: 1206103
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.1 11.9 35.7

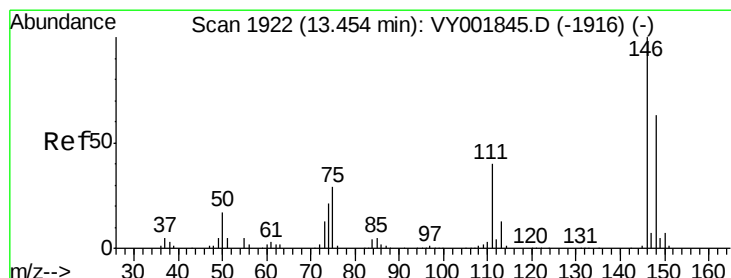
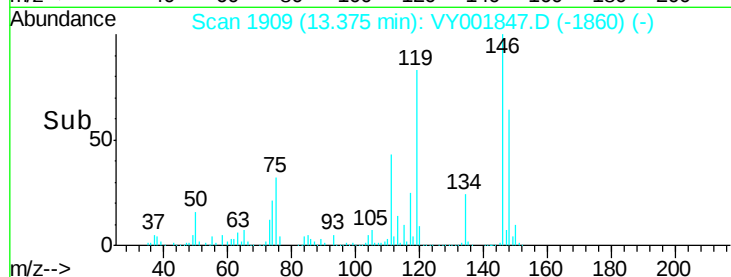
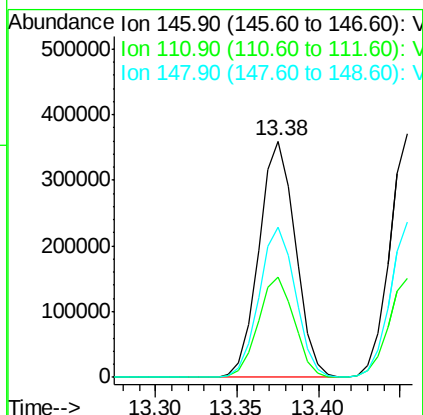
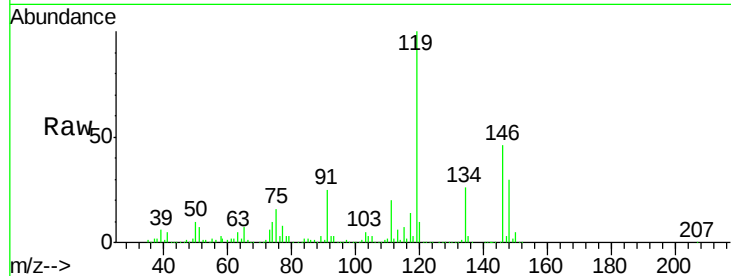




#87
 1,3-Dichlorobenzene
 Concen: 138.26 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

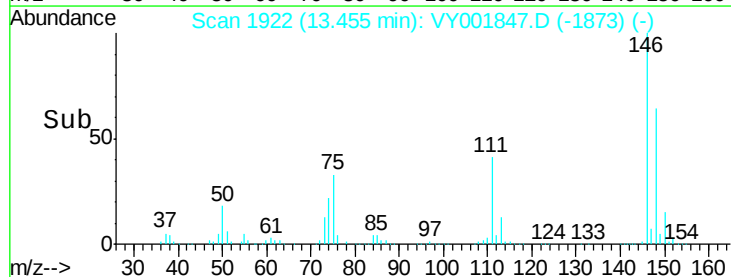
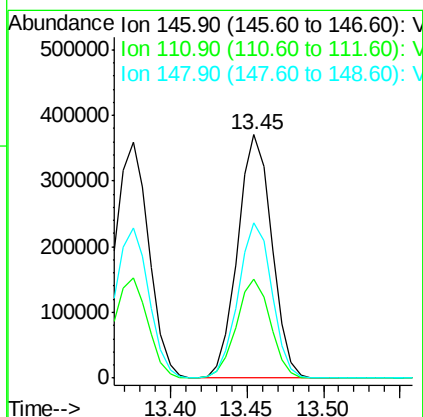
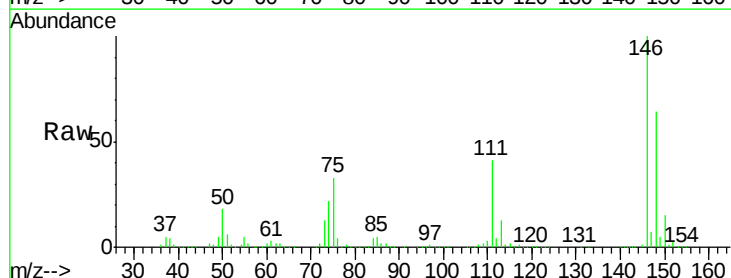
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

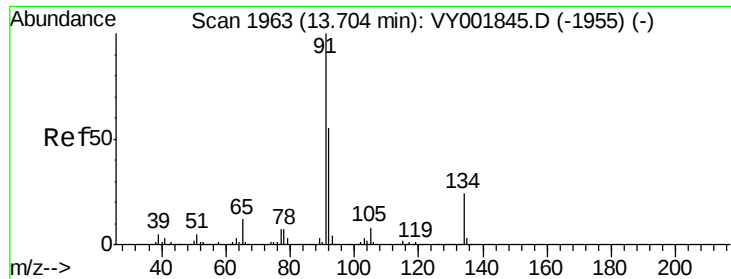
Tgt Ion:146 Resp: 559192
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 63.4 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 141.01 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion:146 Resp: 573304
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 63.3 31.5 94.5





#89

n-Butylbenzene

Concen: 145.17 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001847.D

Acq: 04 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

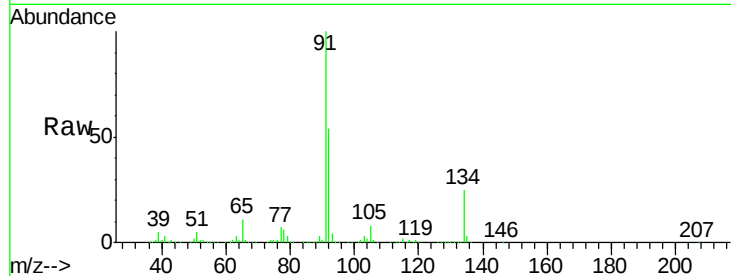
Tgt Ion: 91 Resp: 1259676

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

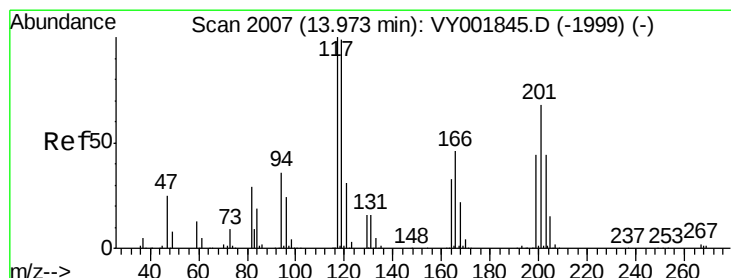
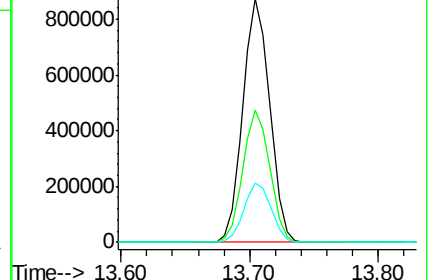
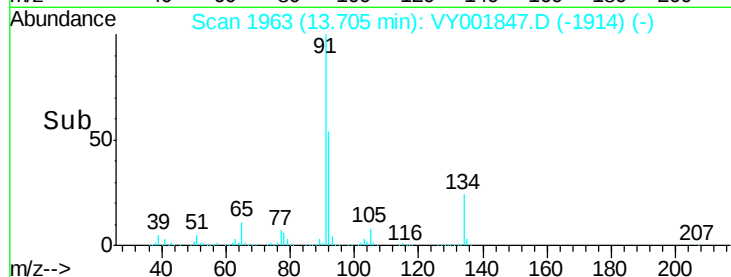
134 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY001847.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001847.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001847.D (-1955) (-)



#90

Hexachloroethane

Concen: 152.75 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY001847.D

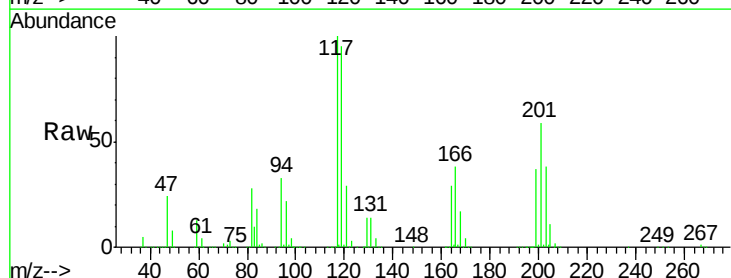
Acq: 04 Mar 2020 12:16

Tgt Ion: 117 Resp: 240742

Ion Ratio Lower Upper

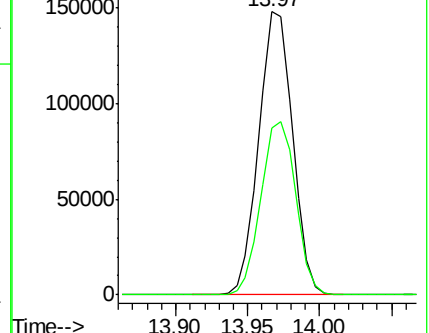
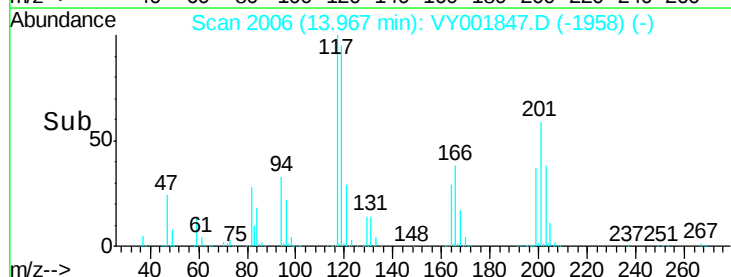
117 100

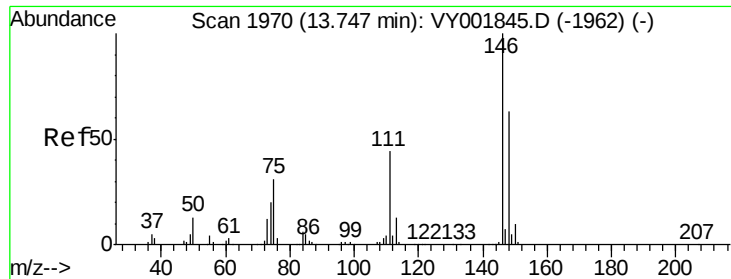
201 63.1 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VY001847.D (-1999) (-)

Ion 200.70 (200.40 to 201.40): VY001847.D (-1999) (-)

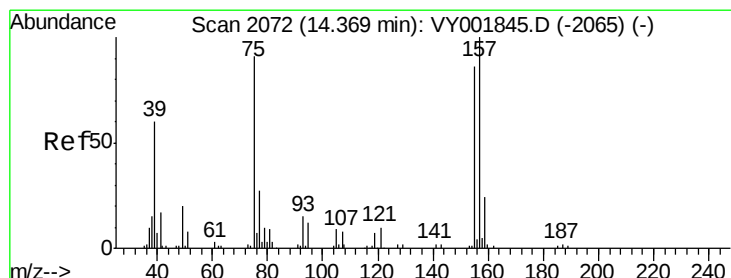
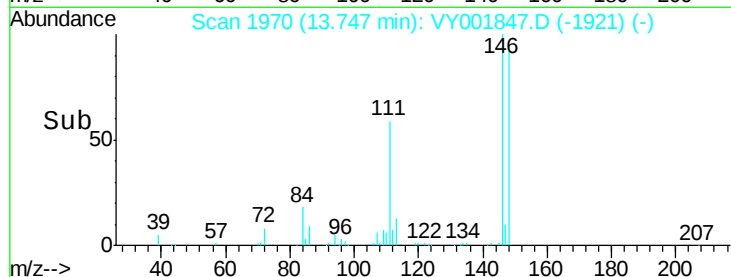
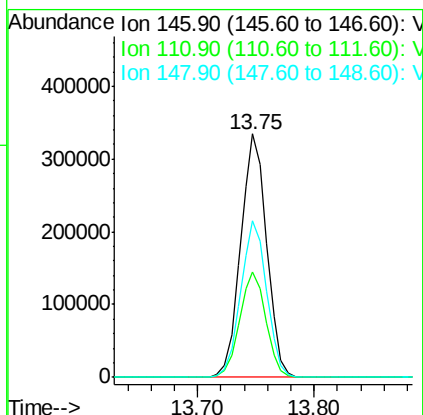
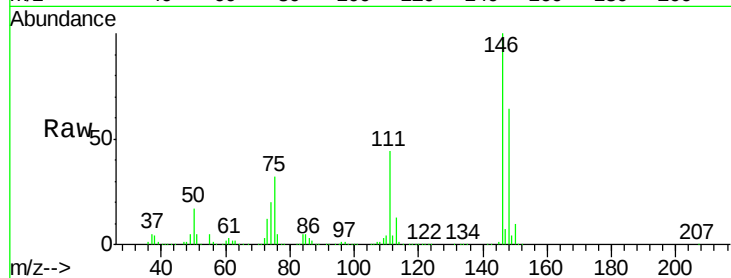




#91
 1,2-Dichlorobenzene
 Concen: 142.48 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

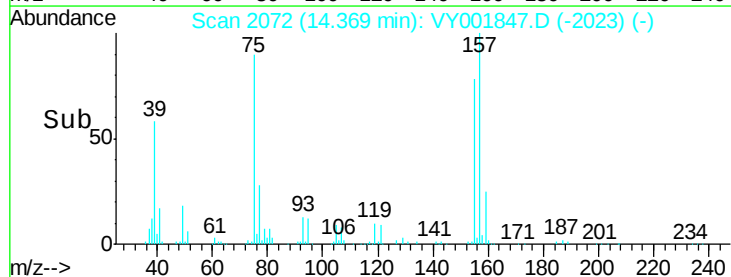
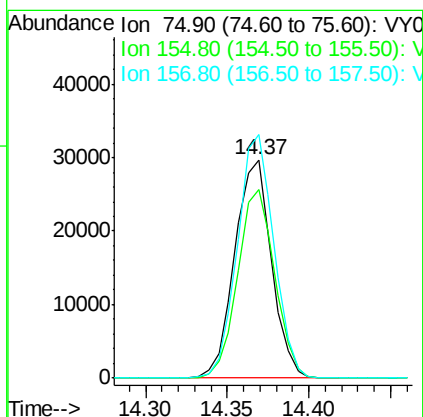
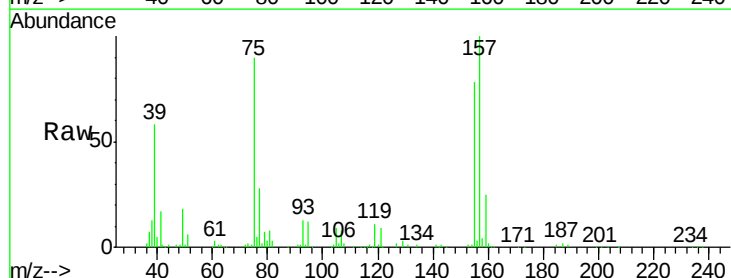
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

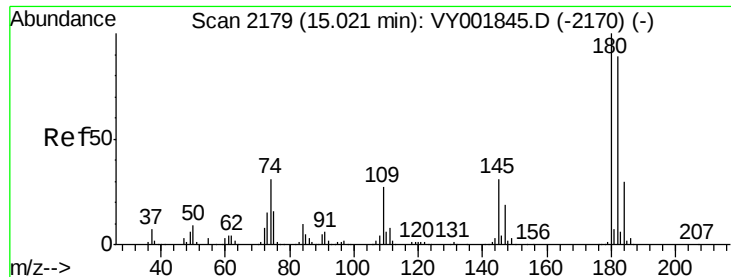
Tgt Ion: 146 Resp: 519779
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.5 64.5
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 143.88 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion: 75 Resp: 46783
 Ion Ratio Lower Upper
 75 100
 155 86.8 42.9 128.7
 157 110.2 53.1 159.4

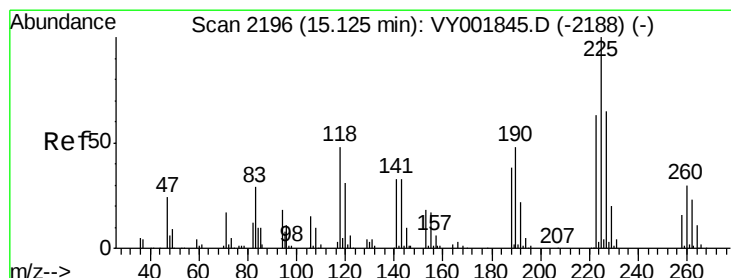
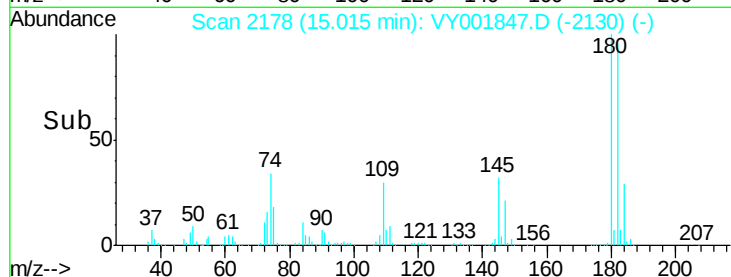
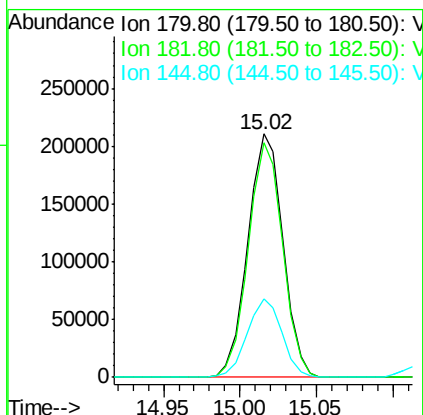
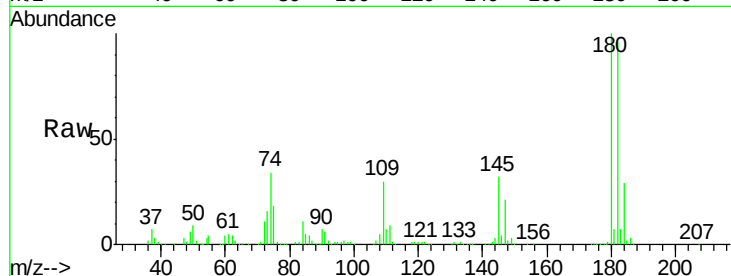




#93
 1,2,4-Trichlorobenzene
 Concen: 141.38 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

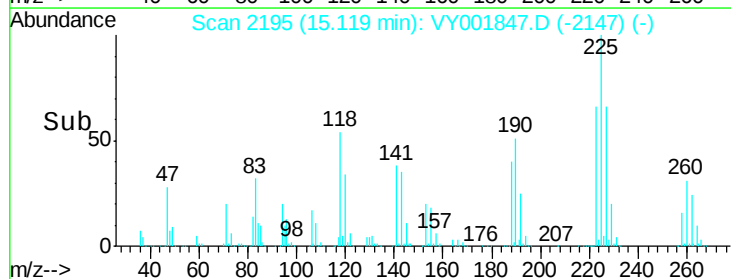
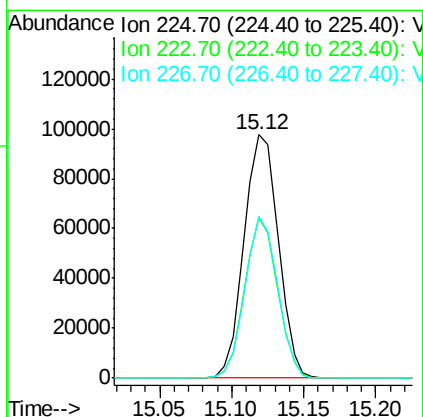
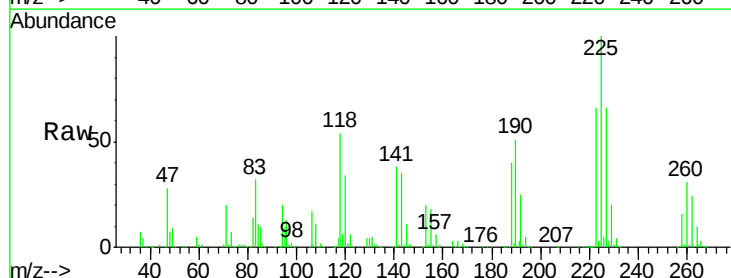
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

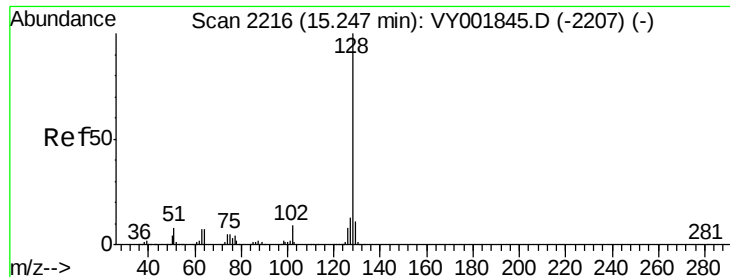
Tgt Ion	Resp	Lower	Upper
180	336551		
182	94.4	46.1	138.3
145	32.0	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 139.04 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001847.D
 Acq: 04 Mar 2020 12:16

Tgt Ion	Resp	Lower	Upper
225	160995		
223	63.0	31.5	94.5
227	63.1	31.9	95.5

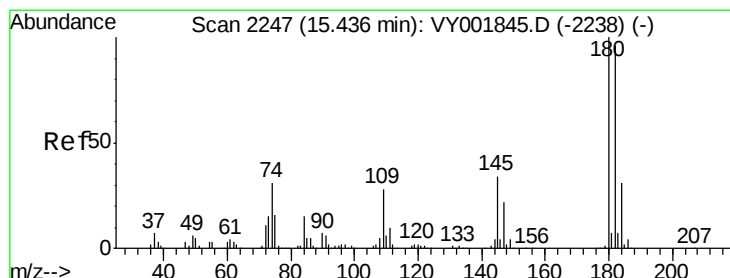
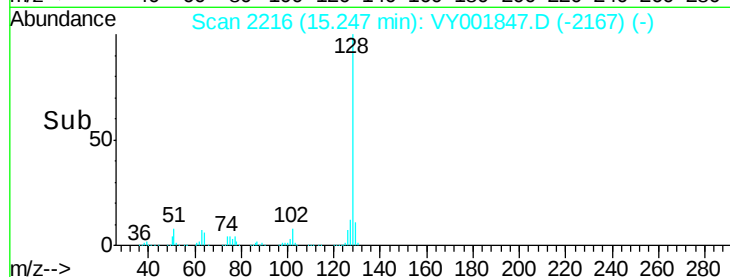
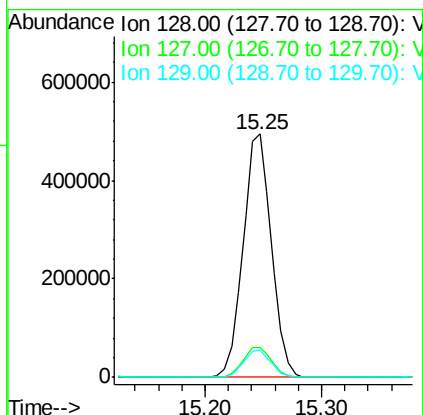
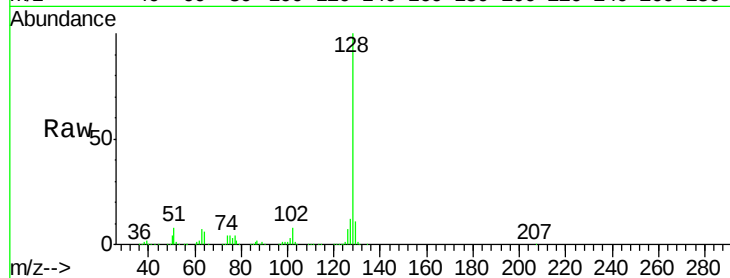




#95
Naphthalene
Concen: 149.05 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 834482
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 141.66 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001847.D
Acq: 04 Mar 2020 12:16

Tgt Ion:180 Resp: 297901
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 34.3 16.8 50.3

