

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
 Data File : VY001150.D
 Acq On : 10 Jan 2020 15:45
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 10 16:01:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 15:56:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	392970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	345025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	358119	151.39	ug/l	0.00
Spiked Amount						
						Recovery = 302.78%
35) Dibromofluoromethane	7.73	113	325114	139.68	ug/l	0.00
Spiked Amount						
						Recovery = 279.36%
50) Toluene-d8	10.18	98	1327741	149.72	ug/l	0.00
Spiked Amount						
						Recovery = 299.44%
62) 4-Bromofluorobenzene	12.48	95	505903	137.67	ug/l	0.00
Spiked Amount						
						Recovery = 275.34%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	238774	136.529	ug/l	98
3) Chloromethane	2.12	50	321622	126.079	ug/l	100
4) Vinyl Chloride	2.25	62	334147	130.709	ug/l	100
5) Bromomethane	2.64	94	163593	117.324	ug/l	97
6) Chloroethane	2.79	64	179557	120.113	ug/l	99
7) Trichlorofluoromethane	3.13	101	476734	134.561	ug/l	97
8) Diethyl Ether	3.54	74	189527	138.243	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	310895	136.649	ug/l	99
10) Methyl Iodide	4.10	142	429849	138.286	ug/l	100
11) Tert butyl alcohol	4.97	59	153681	627.115	ug/l	100
12) 1,1-Dichloroethene	3.88	96	316192	135.694	ug/l	99
13) Acrolein	3.74	56	146802	672.286	ug/l	100
14) Allyl chloride	4.49	41	553302	141.633	ug/l	99
15) Acrylonitrile	5.18	53	480943	703.357	ug/l	98
16) Acetone	3.96	43	397930	718.099	ug/l	99
17) Carbon Disulfide	4.19	76	1036822	137.806	ug/l	100
18) Methyl Acetate	4.49	43	253286	137.263	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	911041	142.418	ug/l	99
20) Methylene Chloride	4.72	84	349171	108.734	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	360335	136.503	ug/l	99
22) Diisopropyl ether	6.13	45	1146537	144.088	ug/l	96
23) Vinyl Acetate	6.07	43	3536886	690.328	ug/l	100
24) 1,1-Dichloroethane	6.03	63	613376	140.190	ug/l	99
25) 2-Butanone	7.00	43	601606	693.761	ug/l	99
26) 2,2-Dichloropropane	6.99	77	538227	132.638	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	392565	135.576	ug/l	99
28) Bromochloromethane	7.35	49	295424	169.919	ug/l	99
29) Tetrahydrofuran	7.35	42	419691	708.584	ug/l	98
30) Chloroform	7.52	83	597569	139.241	ug/l	99
31) Cyclohexane	7.79	56	608592	129.846	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	521955	136.677	ug/l	100
36) 1,1-Dichloropropene	7.93	75	483575	132.369	ug/l	99
37) Ethyl Acetate	7.08	43	293632	137.798	ug/l	99
38) Carbon Tetrachloride	7.91	117	448518	134.250	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	652064	131.531	ug/l	98
40) Benzene	8.17	78	1417450	133.015	ug/l	99
41) Methacrylonitrile	7.35	41	389862	386.884	ug/l #	28
42) 1,2-Dichloroethane	8.24	62	405693	136.498	ug/l	100
43) Isopropyl Acetate	8.28	43	557255	136.571	ug/l	99
44) Trichloroethene	8.94	130	371869	134.087	ug/l	100
45) 1,2-Dichloropropane	9.22	63	354248	134.729	ug/l	99
46) Dibromomethane	9.31	93	193489	134.898	ug/l	99
47) Bromodichloromethane	9.50	83	472096	135.082	ug/l	100
48) Methyl methacrylate	9.30	41	256086	135.454	ug/l	99
49) 1,4-Dioxane	9.30	88	48031	2759.223	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	1404092	677.329	ug/l	100
52) Toluene	10.24	92	913943	134.732	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	537701	137.935	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	598027	135.729	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	282797	132.656	ug/l	99
56) Ethyl methacrylate	10.51	69	448756	138.530	ug/l	98
57) 1,3-Dichloropropane	10.79	76	492968	135.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	742563	644.720	ug/l	99
59) 2-Hexanone	10.83	43	999973	690.320	ug/l	100
60) Dibromochloromethane	10.99	129	329918	134.730	ug/l	100
61) 1,2-Dibromoethane	11.09	107	274714	131.854	ug/l	99
64) Tetrachloroethene	10.72	164	327181	146.540	ug/l	98
65) Chlorobenzene	11.52	112	922797	131.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	313749	128.955	ug/l	99
67) Ethyl Benzene	11.59	91	1666553	129.072	ug/l	100
68) m/p-Xylenes	11.70	106	1253999	257.338	ug/l	99
69) o-Xylene	12.03	106	601351	128.719	ug/l	99
70) Styrene	12.04	104	1075156	131.590	ug/l	100
71) Bromoform	12.20	173	201532	135.283	ug/l #	99
73) Isopropylbenzene	12.33	105	1617345	135.365	ug/l	100
74) N-amyl acetate	12.14	43	520958	140.528	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	344309	137.262	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	459612	269.814	ug/l #	100
77) Bromobenzene	12.61	156	349448	131.835	ug/l	97
78) n-propylbenzene	12.67	91	1926196	133.788	ug/l	100
79) 2-Chlorotoluene	12.75	91	1133620	137.711	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1328560	132.896	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	143866	144.945	ug/l #	97
82) 4-Chlorotoluene	12.85	91	1202611	136.687	ug/l	99
83) tert-Butylbenzene	13.07	119	1100701	130.709	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	1296267	130.167	ug/l	99
85) sec-Butylbenzene	13.25	105	1583499	130.711	ug/l	100
86) p-Isopropyltoluene	13.36	119	1320497	124.683	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	628795	124.374	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	669708	129.457	ug/l	99
89) n-Butylbenzene	13.69	91	1377041	129.860	ug/l	100
90) Hexachloroethane	13.95	117	271164	132.154	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	619791	133.247	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	61020	134.425	ug/l	98

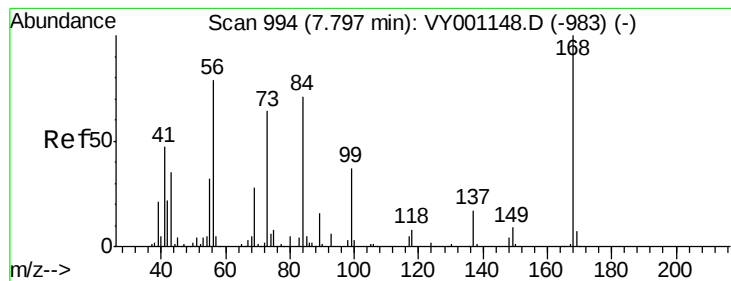
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
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Quant Title : SW846 8260
QLast Update : Fri Jan 10 15:56:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	391556	126.838	ug/l	98
94) Hexachlorobutadiene	15.11	225	190609	121.867	ug/l	97
95) Naphthalene	15.23	128	961862	135.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	353894	130.639	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

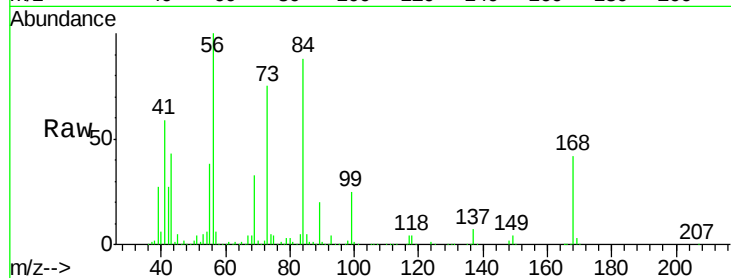
VSTDIC150

Tgt Ion:168 Resp: 224314

Ion Ratio Lower Upper

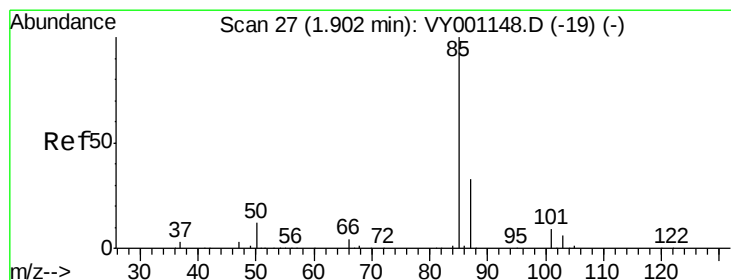
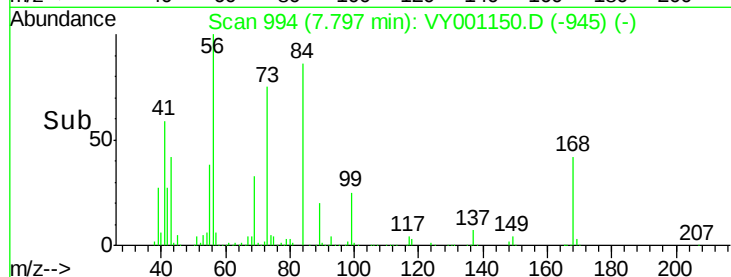
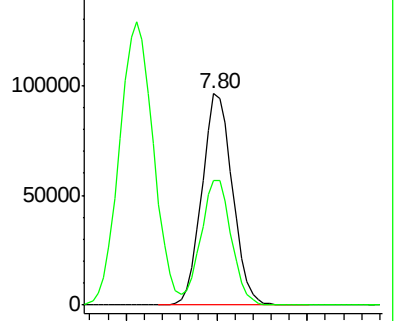
168 100

99 59.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 136.529 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001150.D

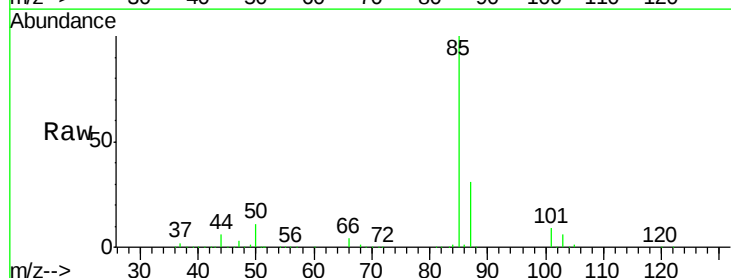
Acq: 10 Jan 2020 15:45

Tgt Ion: 85 Resp: 238774

Ion Ratio Lower Upper

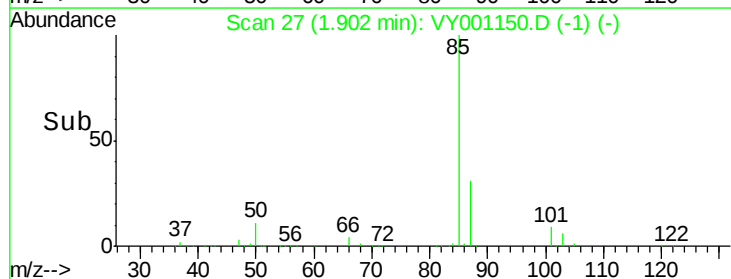
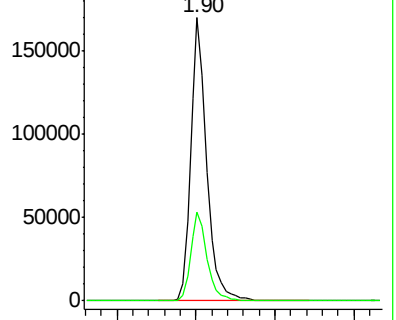
85 100

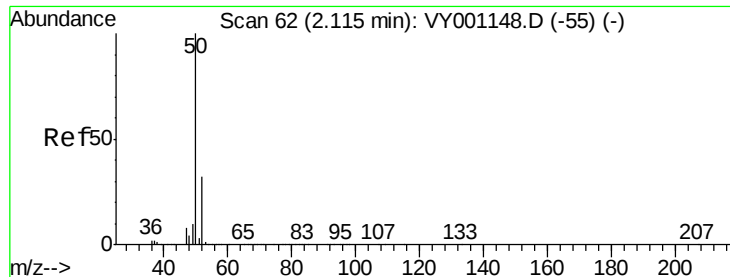
87 31.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)





#3

Chloromethane

Concen: 126.079 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

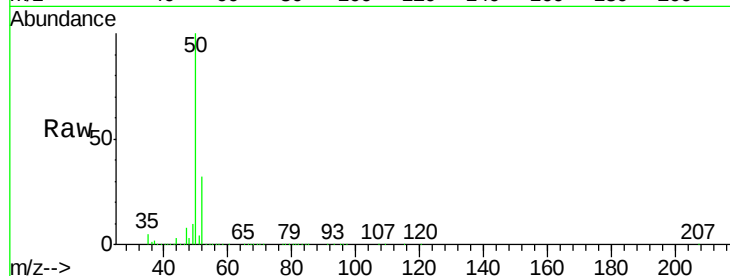
VSTDIC150

Tgt Ion: 50 Resp: 321622

Ion Ratio Lower Upper

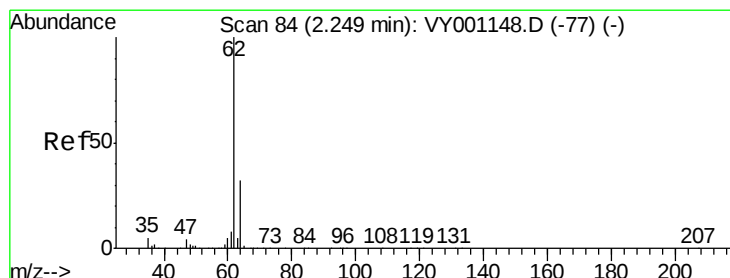
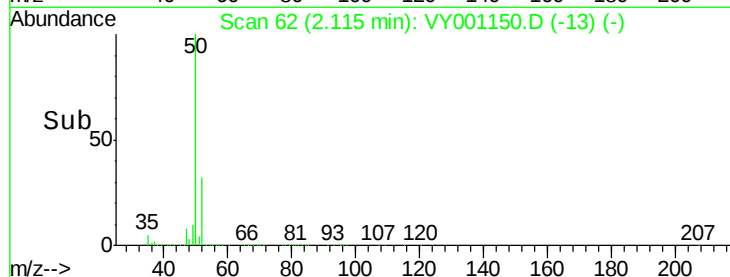
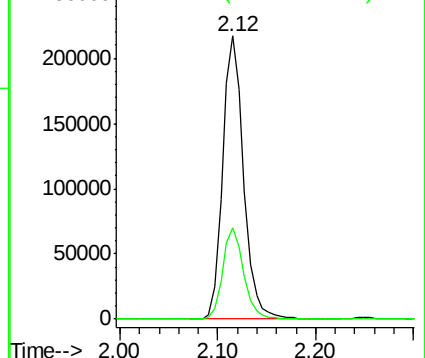
50 100

52 32.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 130.709 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY001150.D

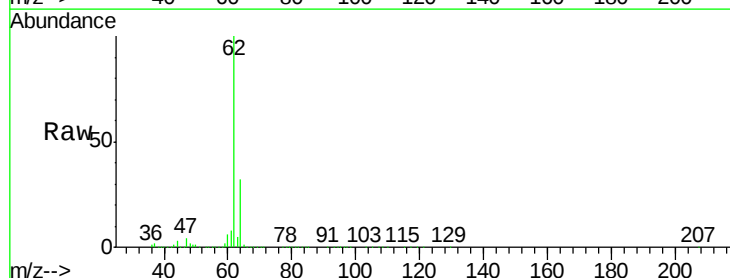
Acq: 10 Jan 2020 15:45

Tgt Ion: 62 Resp: 334147

Ion Ratio Lower Upper

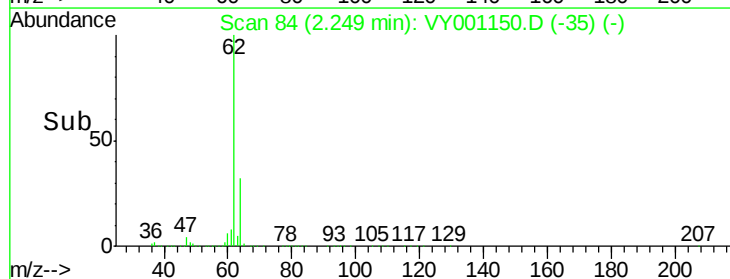
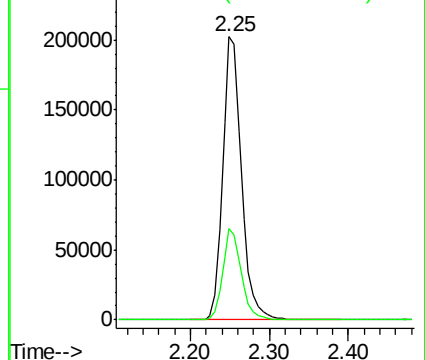
62 100

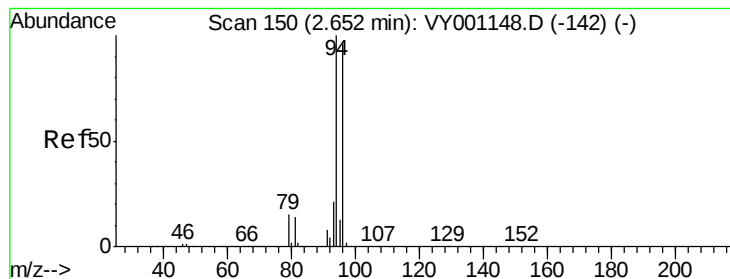
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 117.324 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

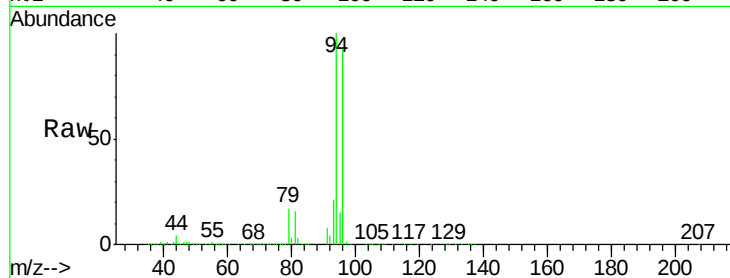
VSTDIC150

Tgt Ion: 94 Resp: 163593

Ion Ratio Lower Upper

94 100

96 93.4 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY001148.D (-142) (-)

Ion 95.90 (95.60 to 96.60): VY001150.D (-101) (-)

2.64

80000

60000

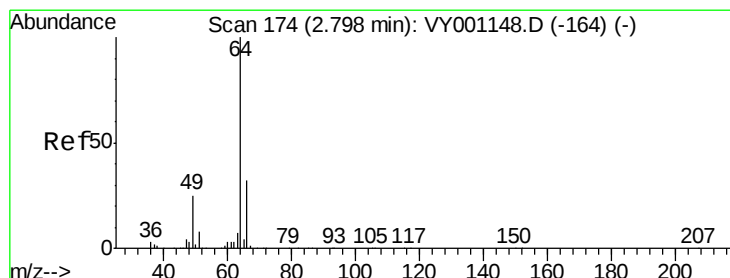
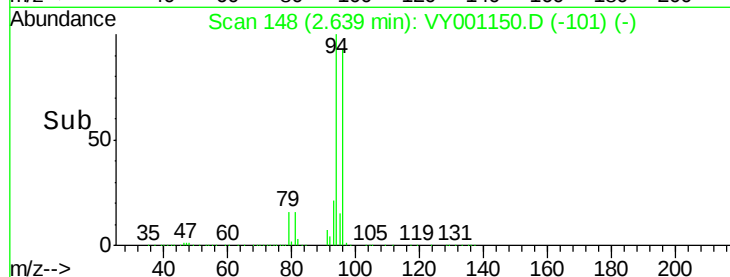
40000

20000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 120.113 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001150.D

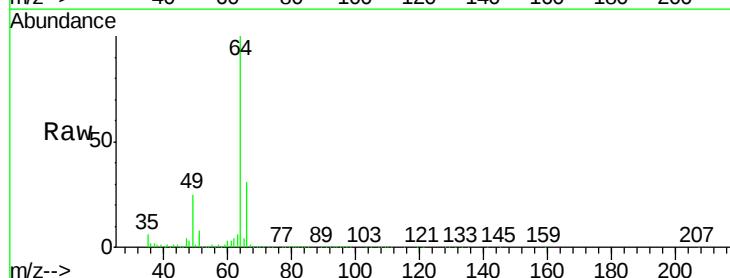
Acq: 10 Jan 2020 15:45

Tgt Ion: 64 Resp: 179557

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY001148.D (-164) (-)

Ion 65.90 (65.60 to 66.60): VY001150.D (-125) (-)

2.79

80000

60000

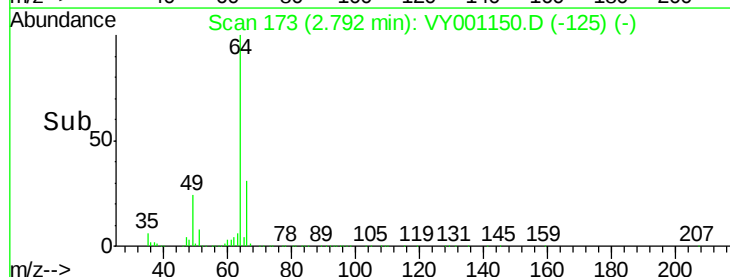
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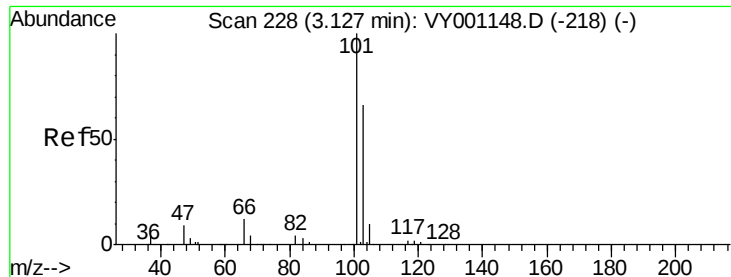
20000

0

Time-->

2.70 2.80 2.90 3.00



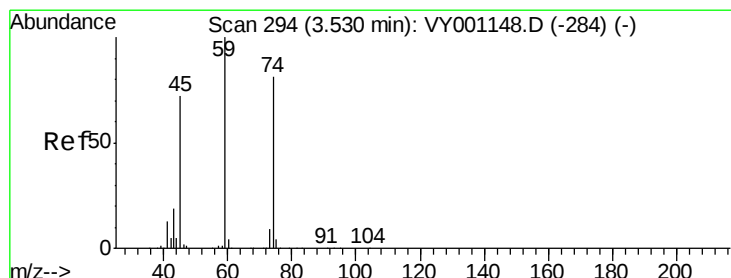
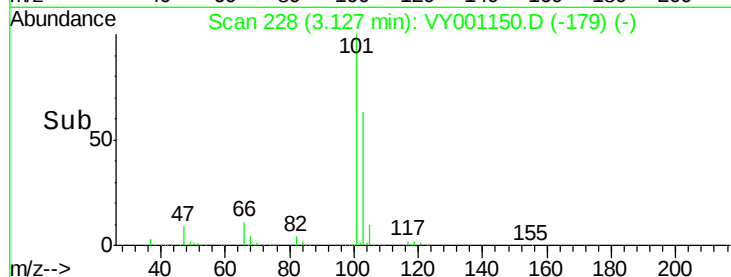
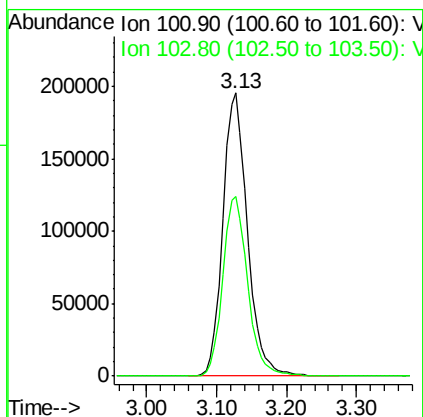
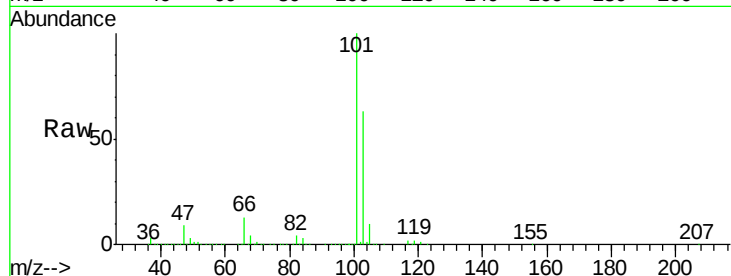


#7

Trichlorofluoromethane
 Concen: 134.561 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

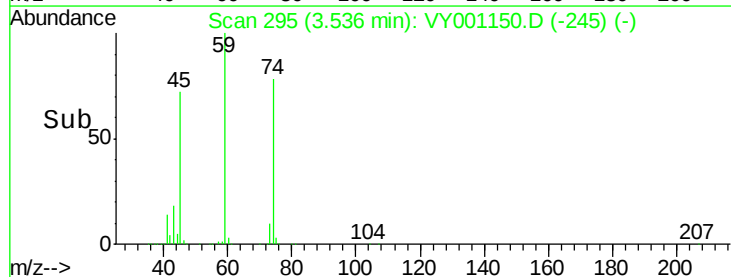
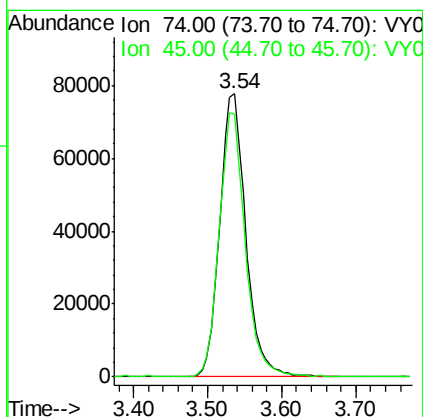
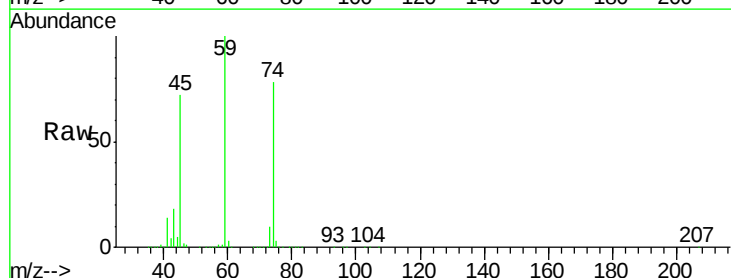
Tgt Ion:101 Resp: 476734
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.6 79.0

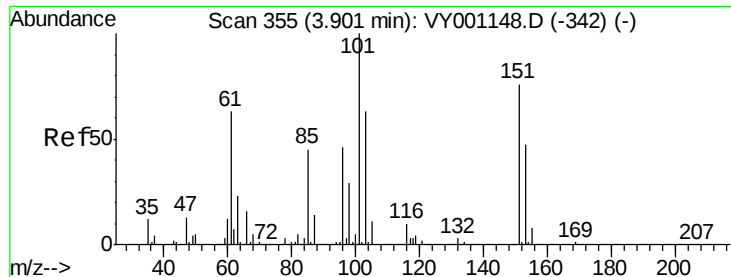


#8

Diethyl Ether
 Concen: 138.243 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 74 Resp: 189527
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.649 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

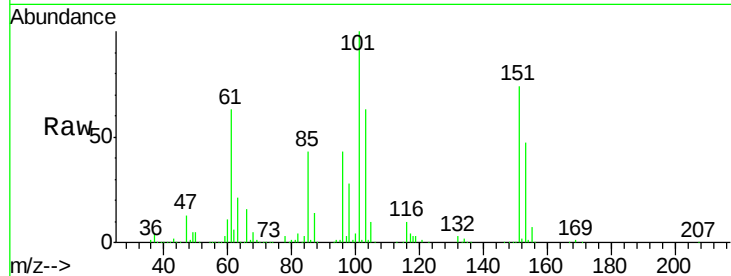
Tgt Ion:101 Resp: 310895

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

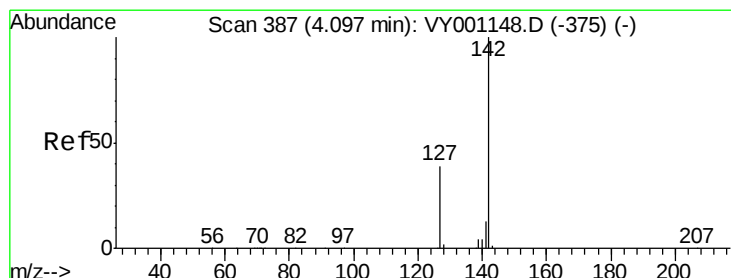
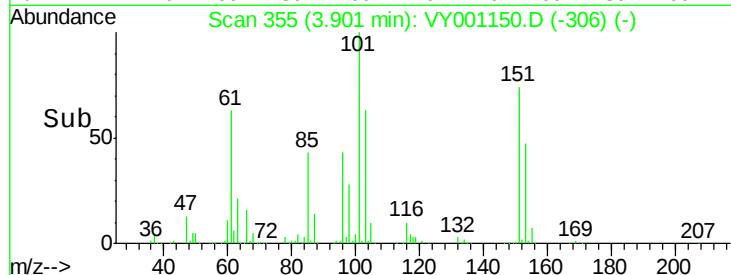
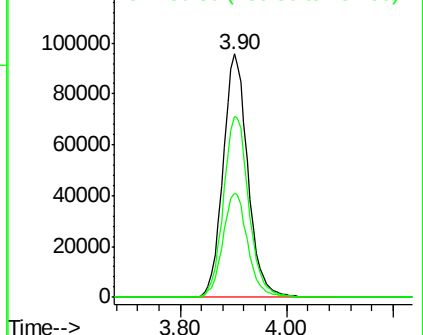
151 76.0 61.4 92.2



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: 138.286 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

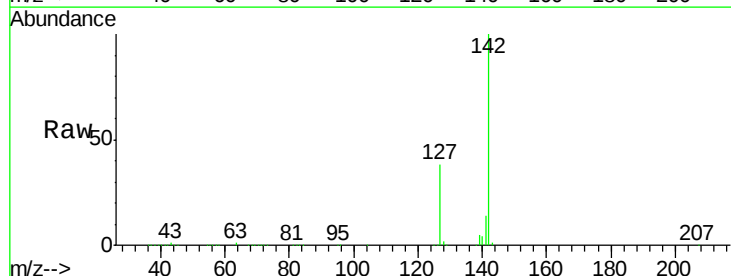
Tgt Ion:142 Resp: 429849

Ion Ratio Lower Upper

142 100

127 38.6 30.8 46.2

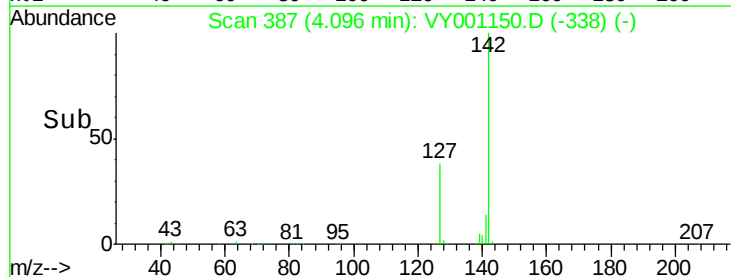
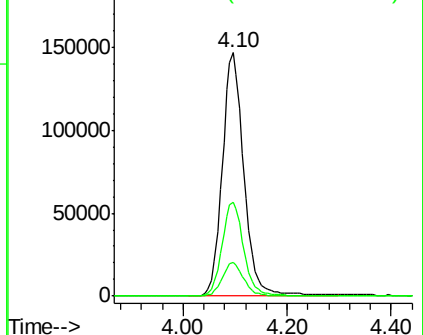
141 13.9 11.0 16.4

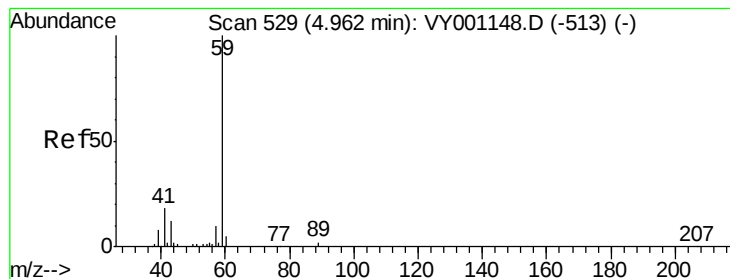


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



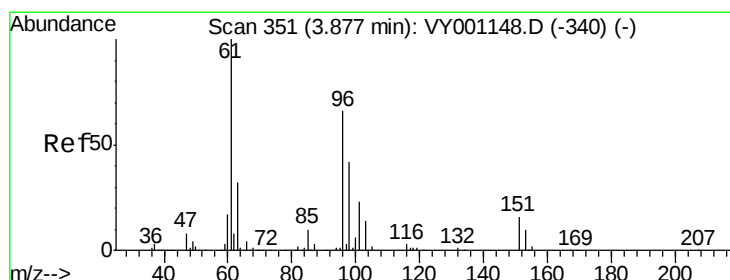
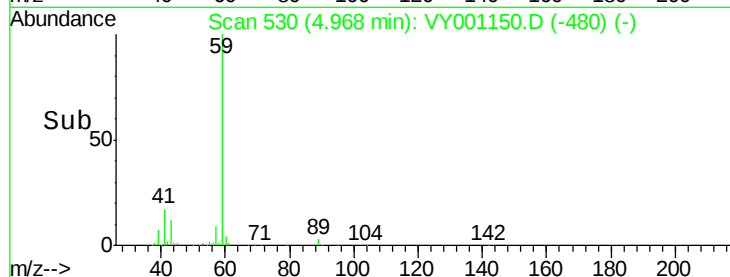
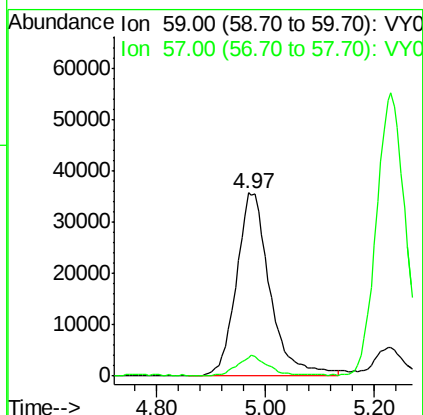
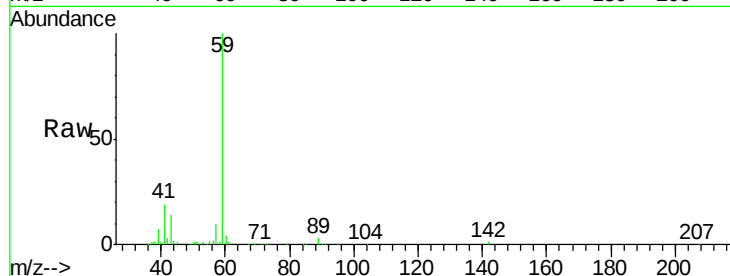


#11

Tert butyl alcohol
 Concen: 627.115 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

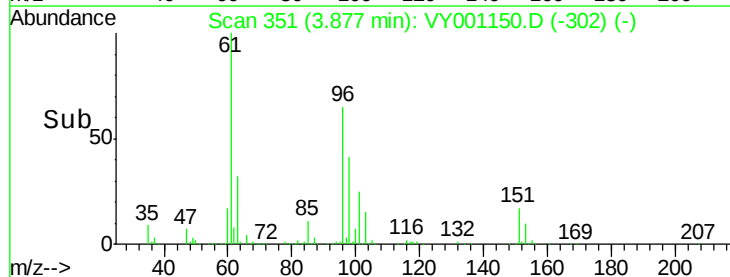
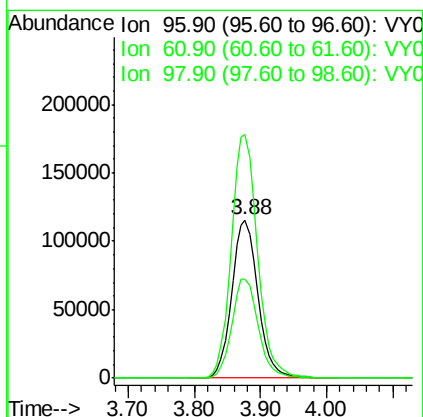
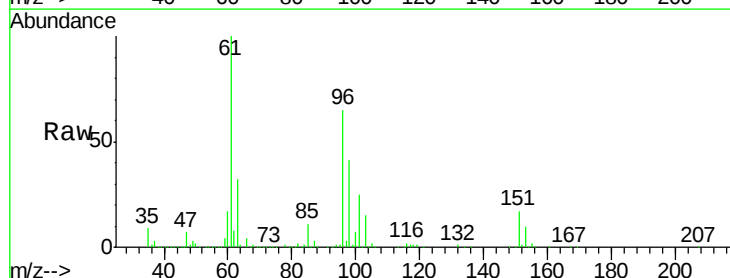
Tgt Ion: 59 Resp: 153681
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

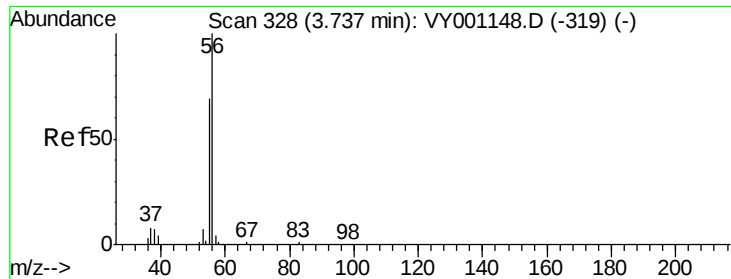


#12

1,1-Dichloroethene
 Concen: 135.694 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 96 Resp: 316192
 Ion Ratio Lower Upper
 96 100
 61 154.1 122.1 183.1
 98 62.4 51.0 76.6





#13

Acrolein

Concen: 672.286 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

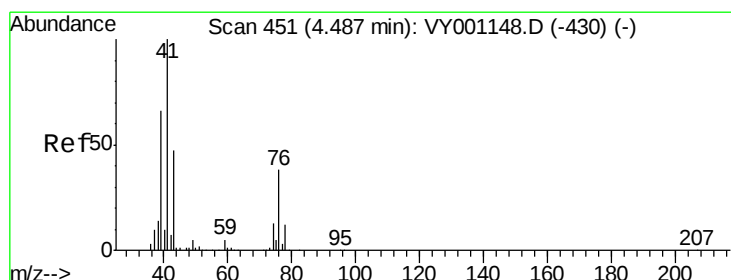
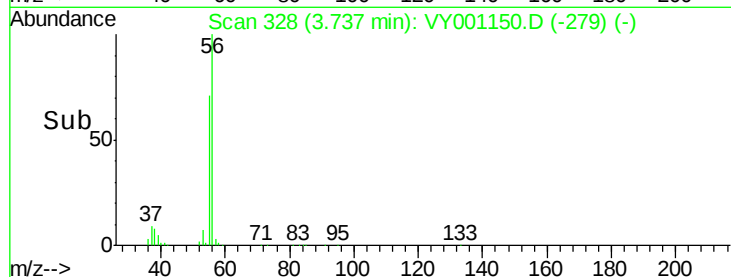
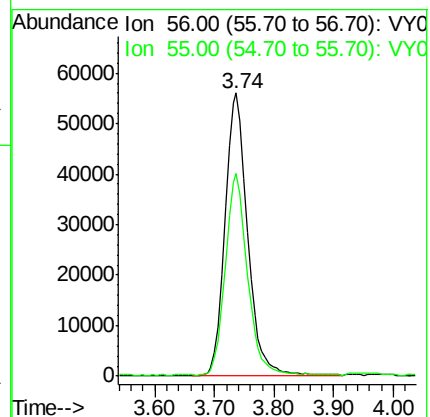
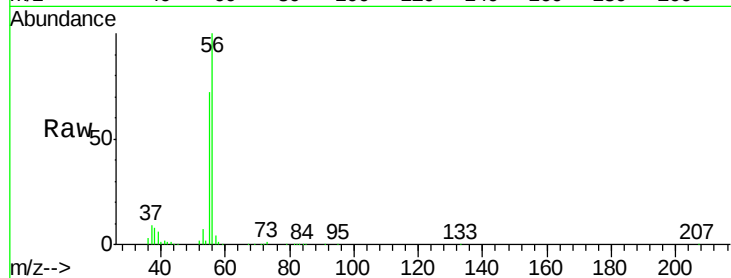
VSTDIC150

Tgt Ion: 56 Resp: 146802

Ion Ratio Lower Upper

56 100

55 70.8 56.7 85.1



#14

Allyl chloride

Concen: 141.633 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

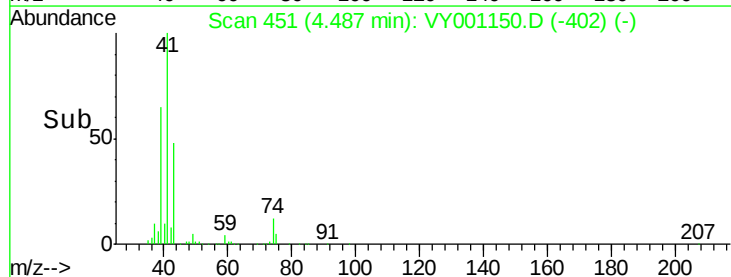
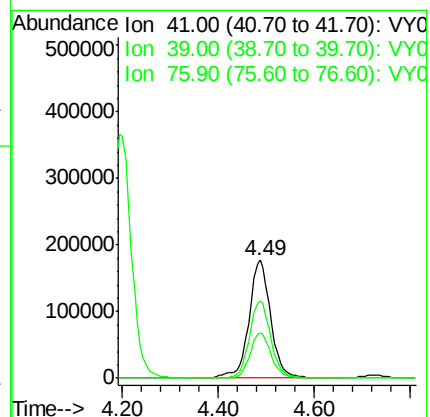
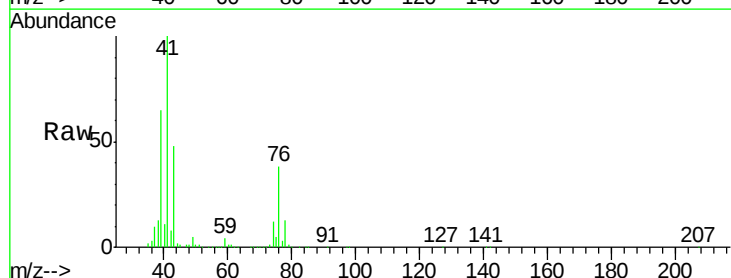
Tgt Ion: 41 Resp: 553302

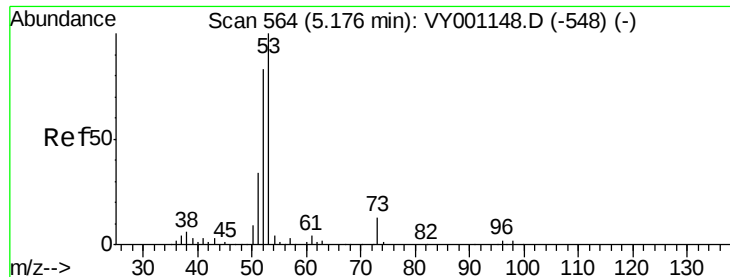
Ion Ratio Lower Upper

41 100

39 64.5 52.6 78.8

76 36.9 30.2 45.2





#15

Acrylonitrile

Concen: 703.357 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

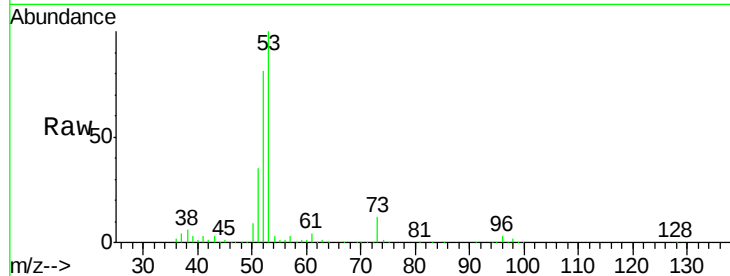
Tgt Ion: 53 Resp: 480943

Ion Ratio Lower Upper

53 100

52 80.5 65.7 98.5

51 35.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY001148.D (-548) (-)

Ion 52.00 (51.70 to 52.70): VY001148.D (-548) (-)

Ion 51.00 (50.70 to 51.70): VY001148.D (-548) (-)

5.18

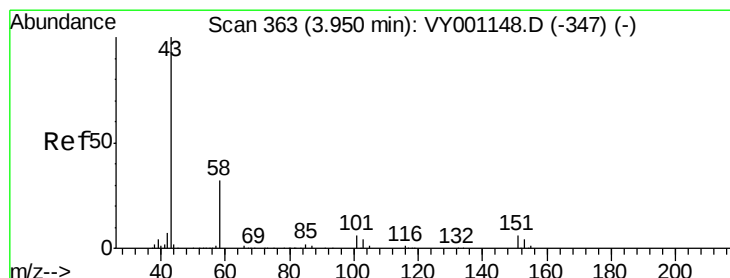
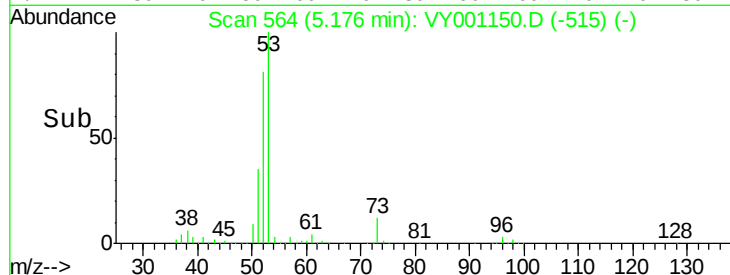
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 718.099 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001150.D

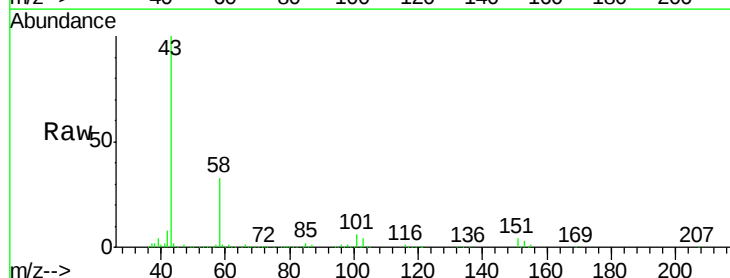
Acq: 10 Jan 2020 15:45

Tgt Ion: 43 Resp: 397930

Ion Ratio Lower Upper

43 100

58 33.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.96

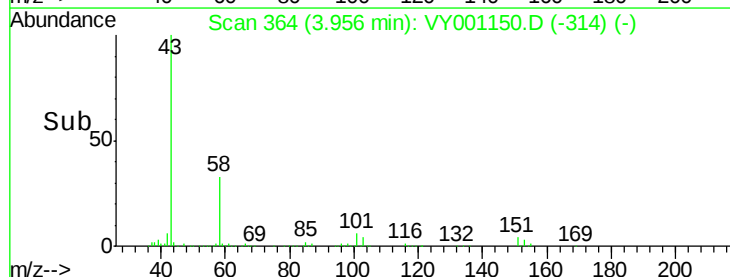
150000

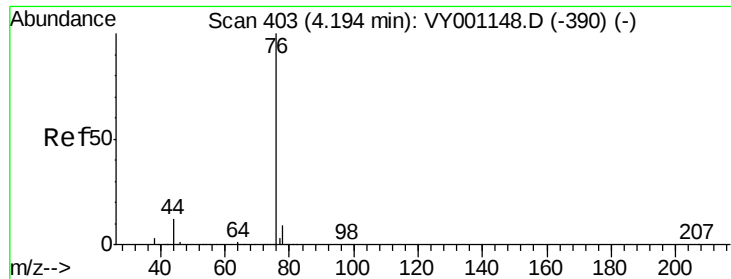
100000

50000

0

Time-->

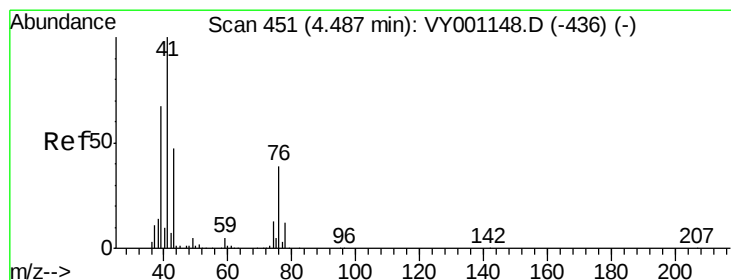
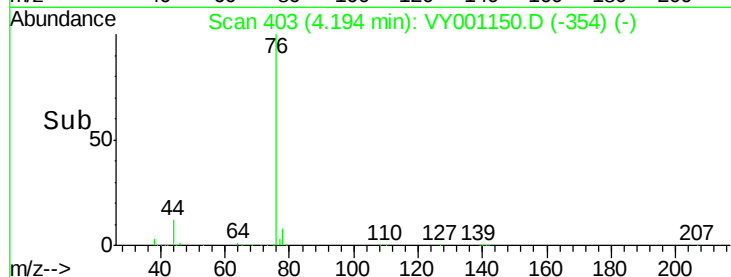
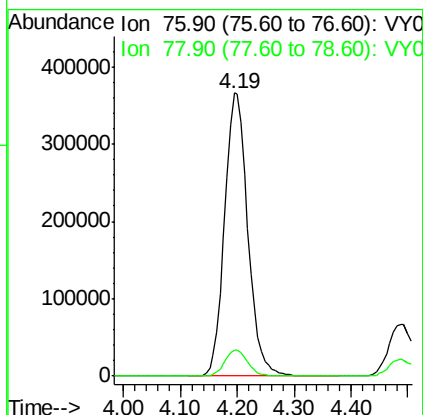
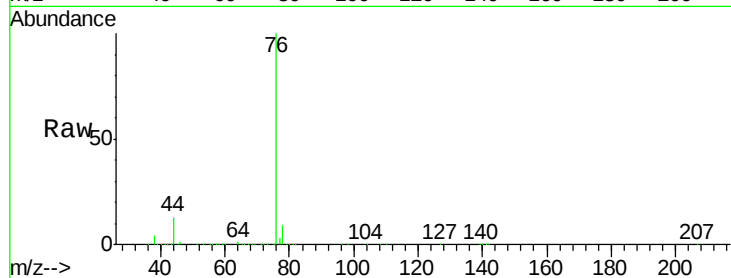




#17
Carbon Disulfide
Concen: 137.806 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

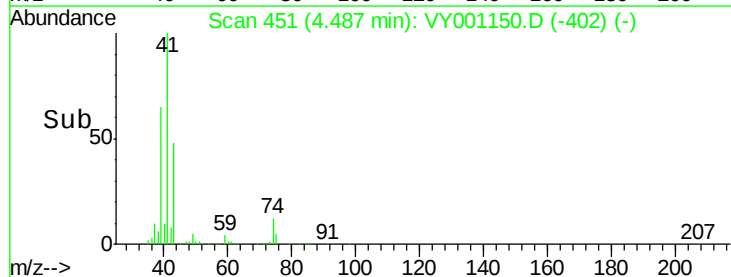
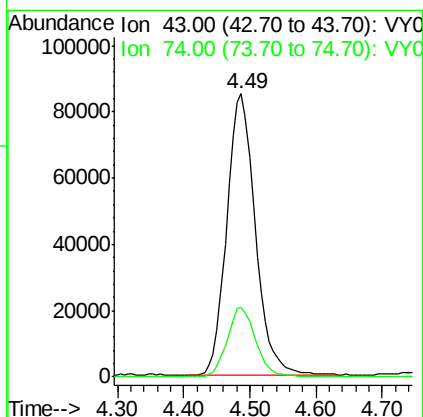
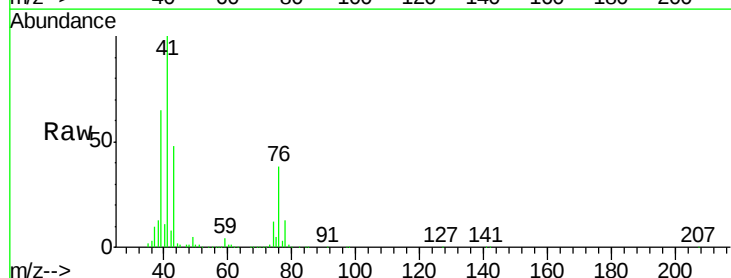
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 1036822
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 137.263 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 43 Resp: 253286
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2

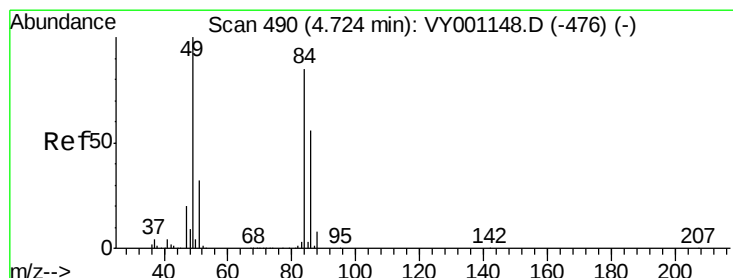
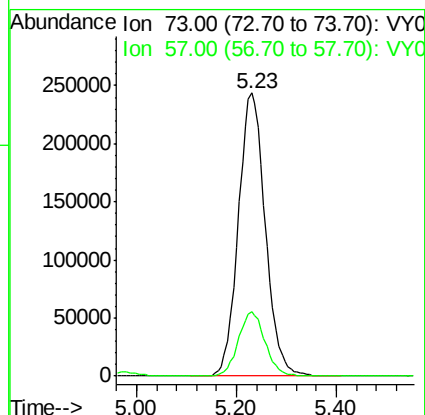
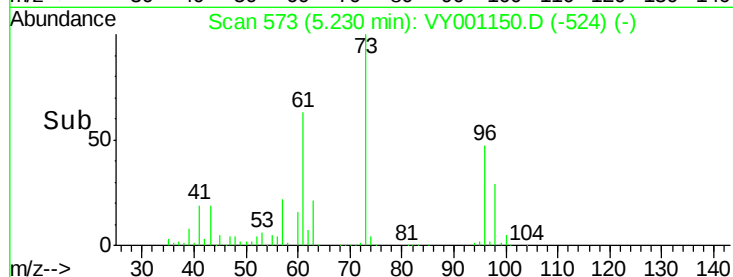
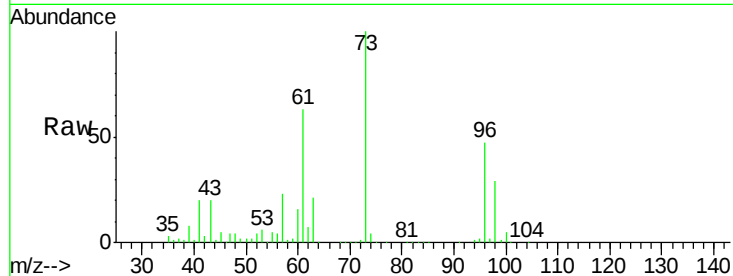




#19
Methyl tert-butyl Ether
Concen: 142.418 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

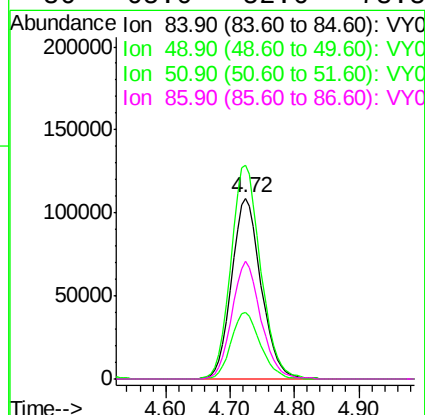
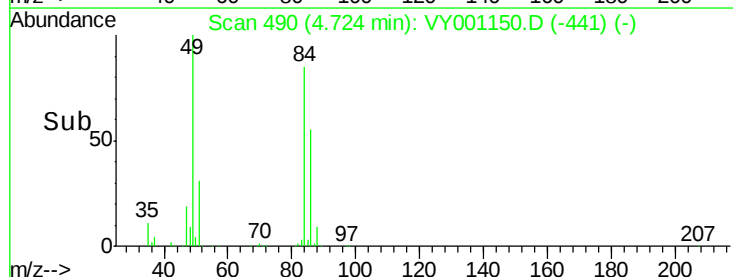
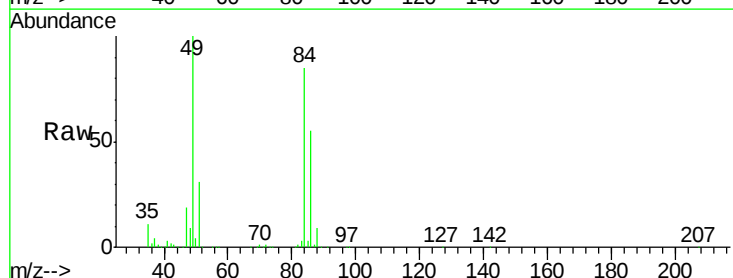
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

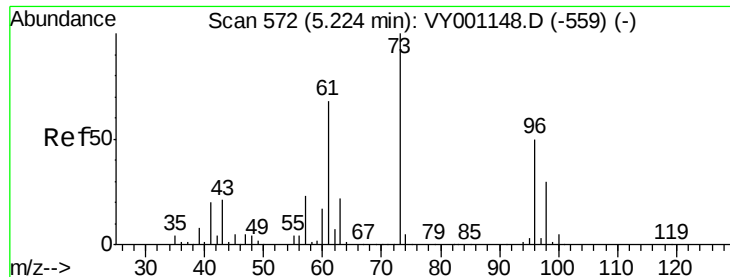
Tgt Ion: 73 Resp: 911041
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.6



#20
Methylene Chloride
Concen: 108.734 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 84 Resp: 349171
Ion Ratio Lower Upper
84 100
49 118.2 93.8 140.6
51 37.0 29.9 44.9
86 65.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 136.503 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

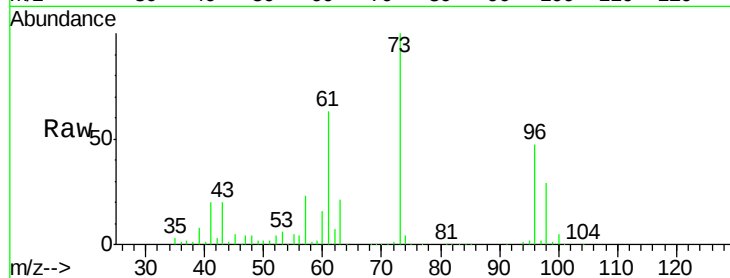
Tgt Ion: 96 Resp: 360335

Ion Ratio Lower Upper

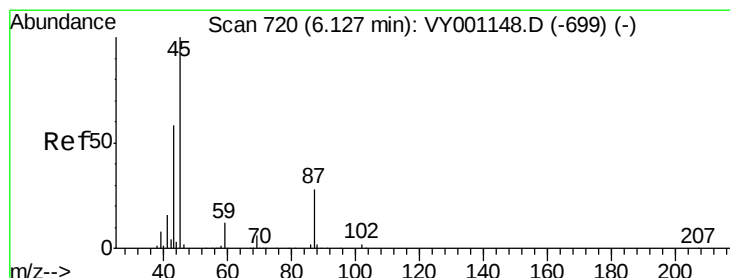
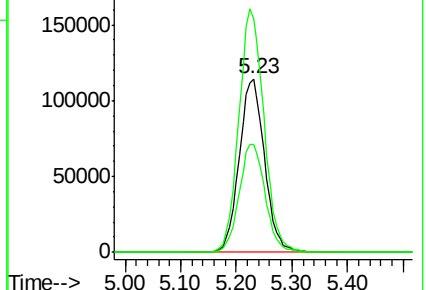
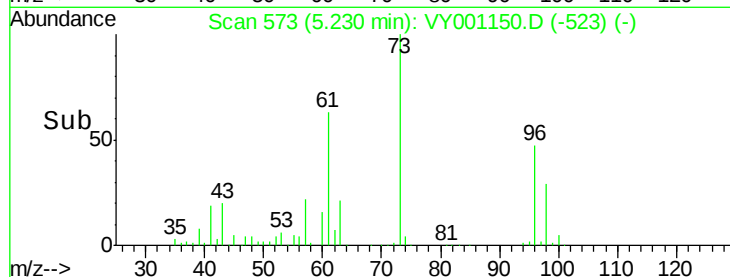
96 100

61 134.5 107.6 161.4

98 62.0 47.6 71.4



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



#22

Diisopropyl ether

Concen: 144.088 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Tgt Ion: 45 Resp: 1146537

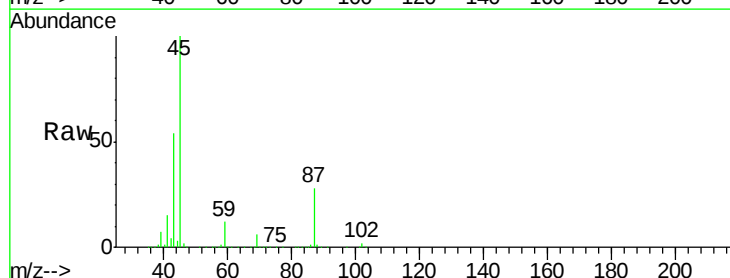
Ion Ratio Lower Upper

45 100

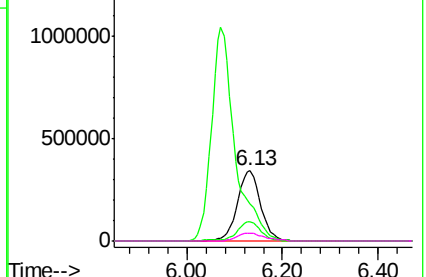
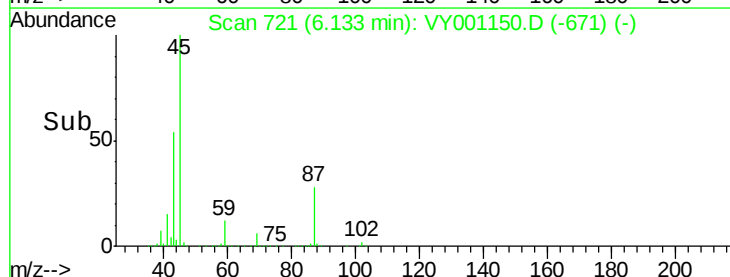
43 53.5 46.5 69.7

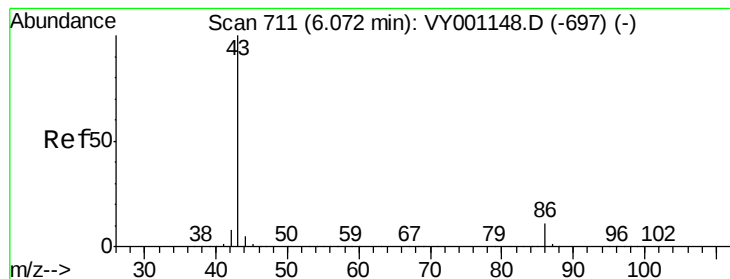
87 28.2 22.5 33.7

59 11.7 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 690.328 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

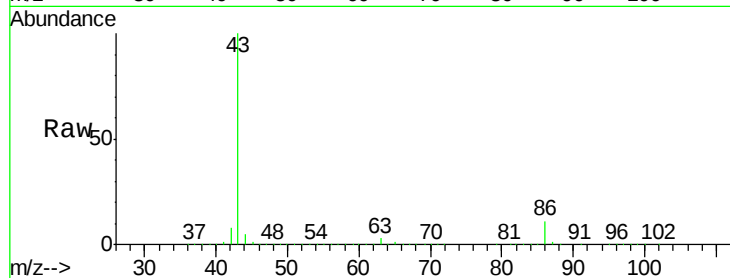
VSTDIC150

Tgt Ion: 43 Resp: 3536886

Ion Ratio Lower Upper

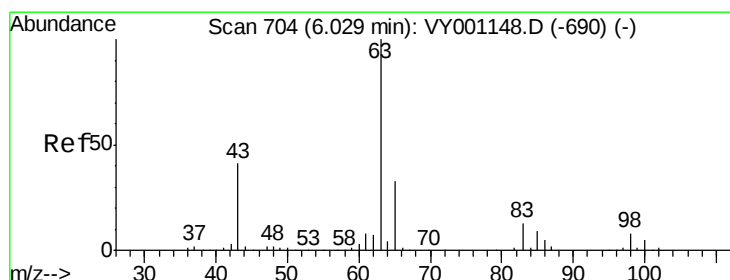
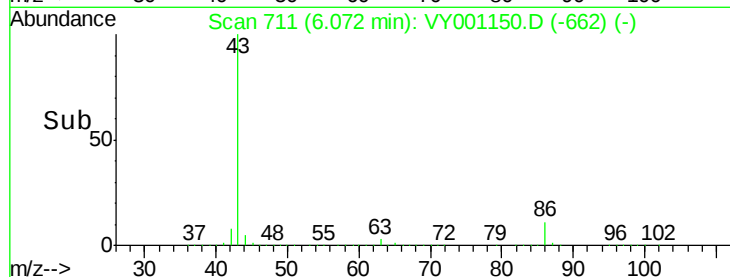
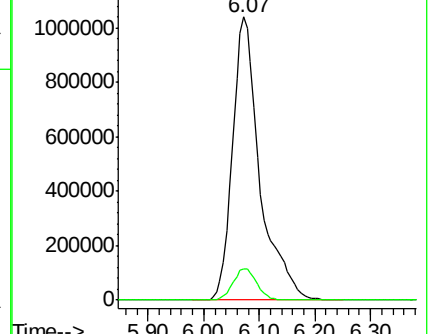
43 100

86 11.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 140.190 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

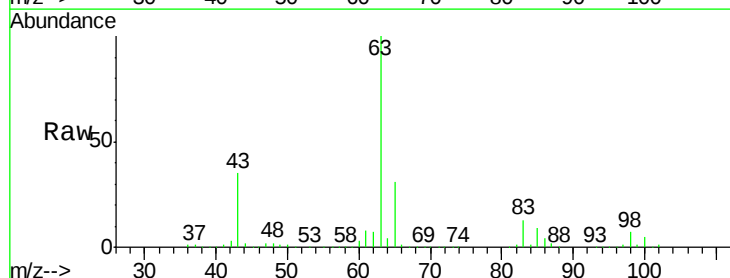
Tgt Ion: 63 Resp: 613376

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

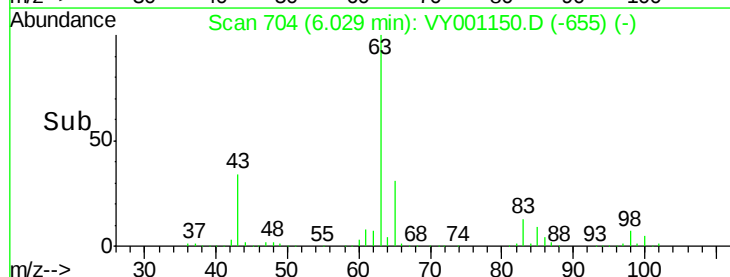
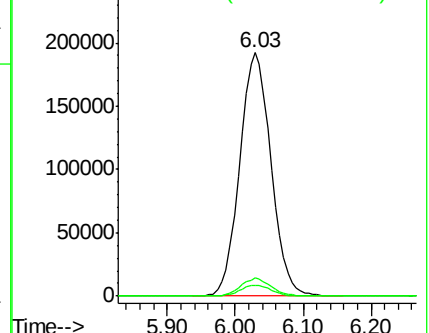
100 4.5 2.4 7.2

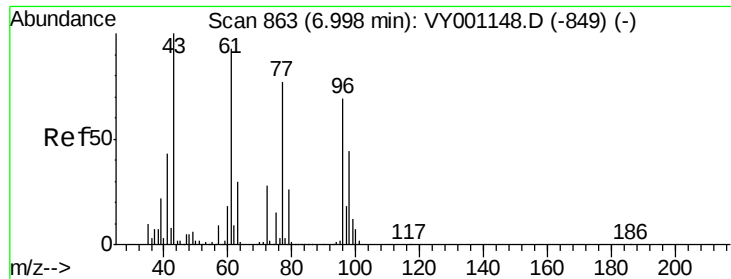


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 693.761 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

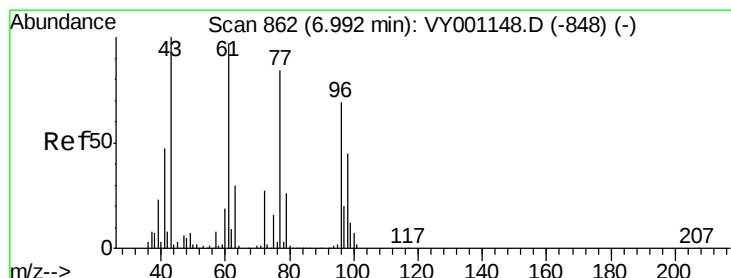
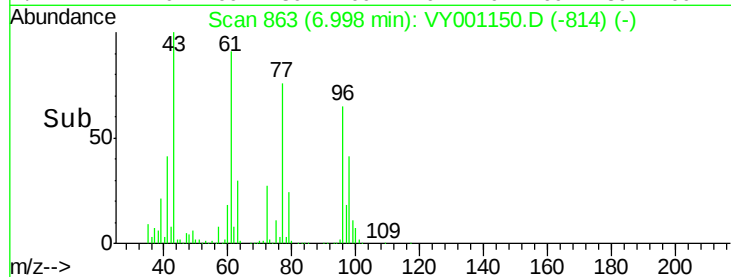
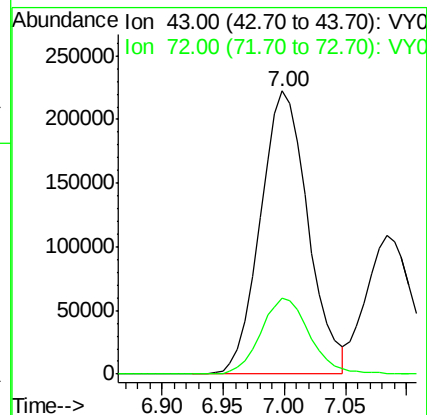
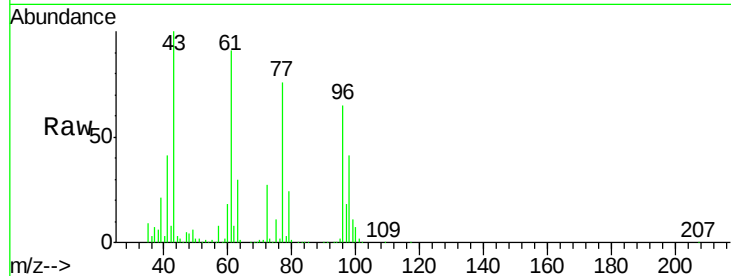
VSTDIC150

Tgt Ion: 43 Resp: 601606

Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.2



#26

2,2-Dichloropropane

Concen: 132.638 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001150.D

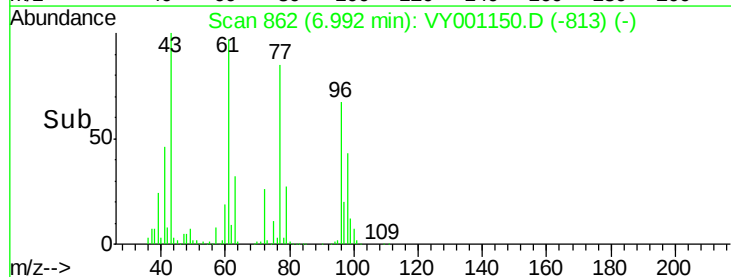
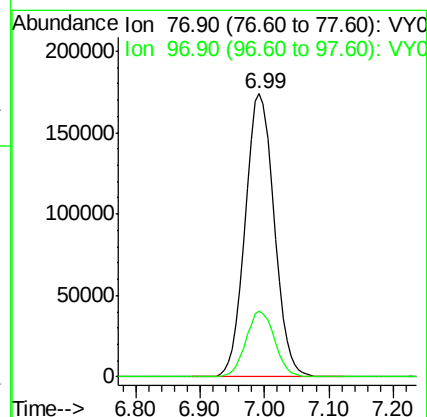
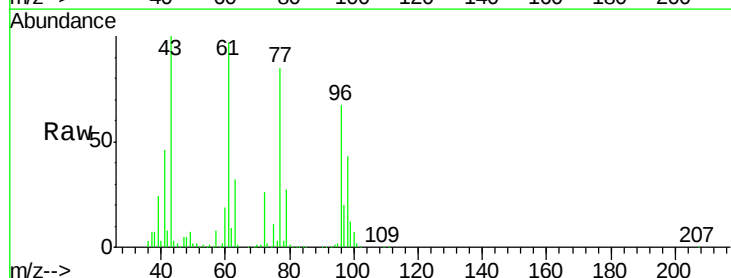
Acq: 10 Jan 2020 15:45

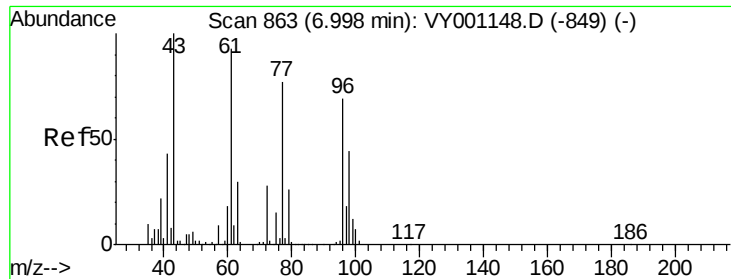
Tgt Ion: 77 Resp: 538227

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.7



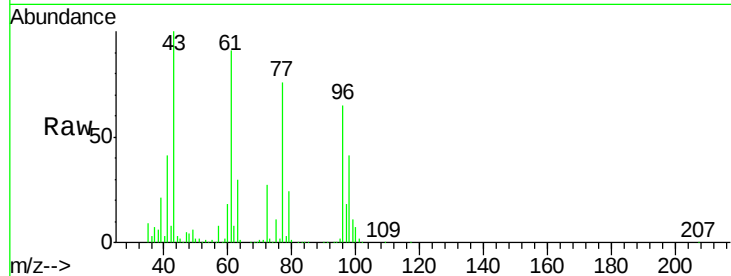


#27

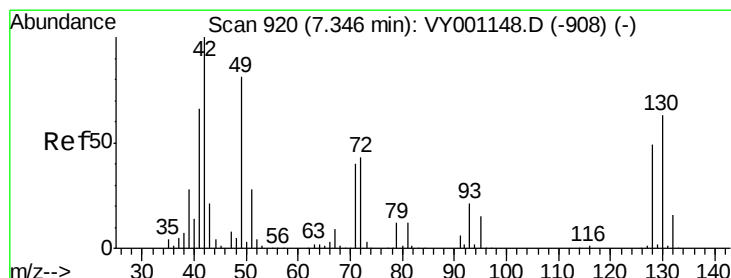
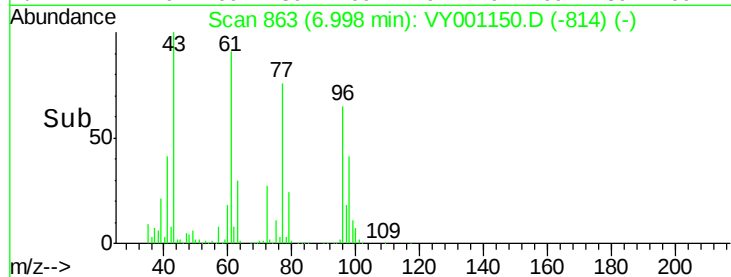
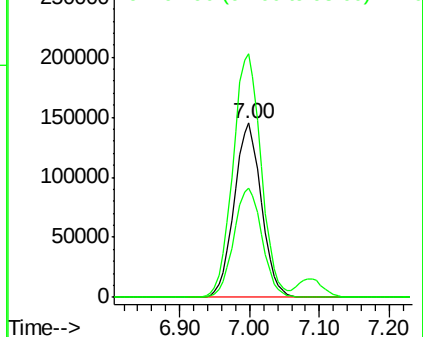
cis-1,2-Dichloroethene
Concen: 135.576 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 392565
Ion Ratio Lower Upper
96 100
61 144.5 0.0 284.0
98 64.9 0.0 130.2



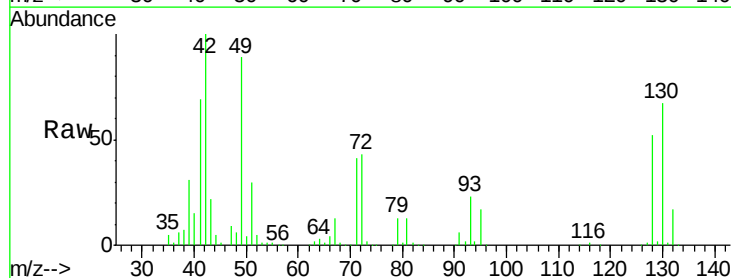
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



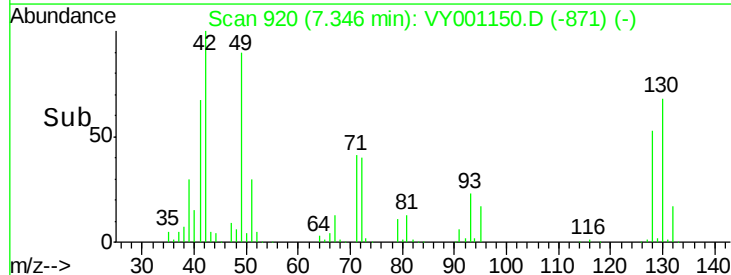
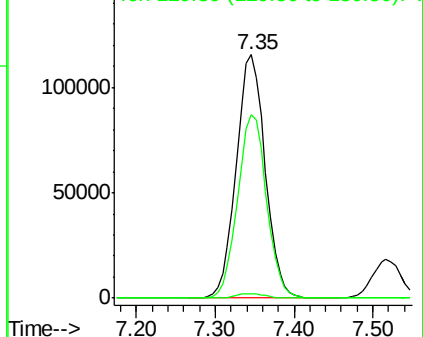
#28

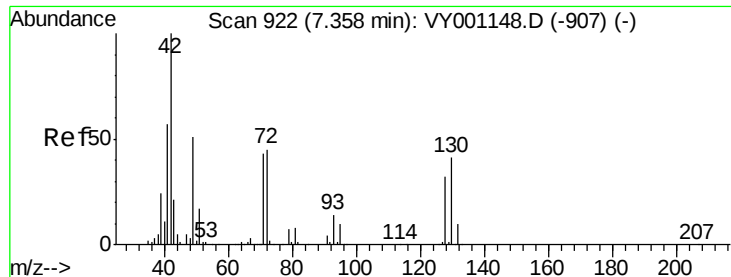
Bromochloromethane
Concen: 169.919 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 49 Resp: 295424
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 75.5 61.2 91.8



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

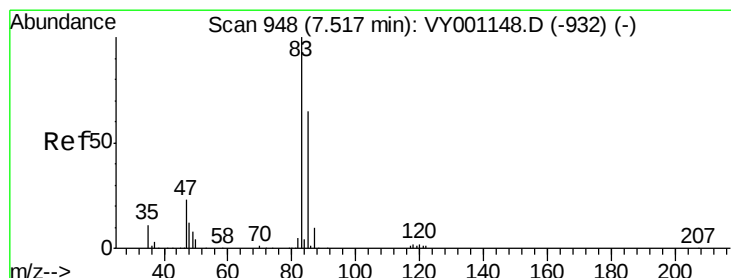
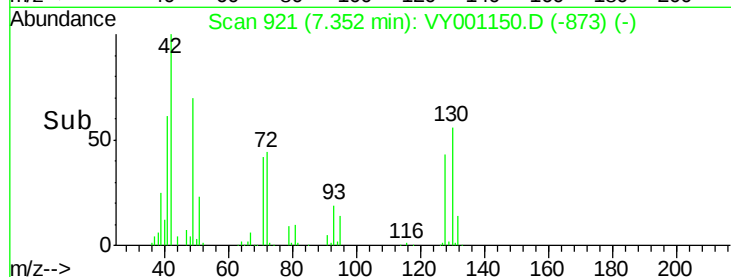
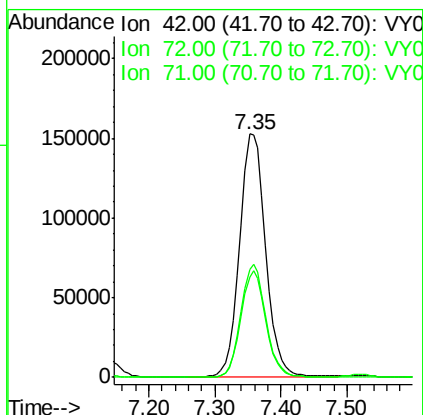
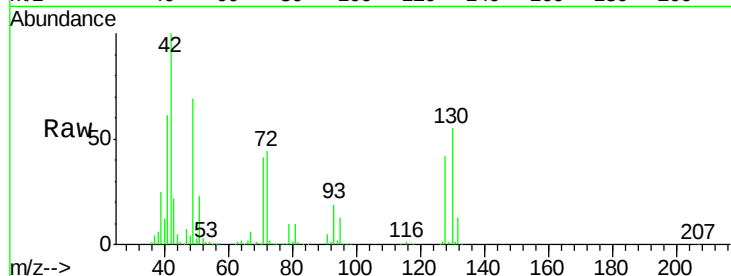




#29
Tetrahydrofuran
Concen: 708.584 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

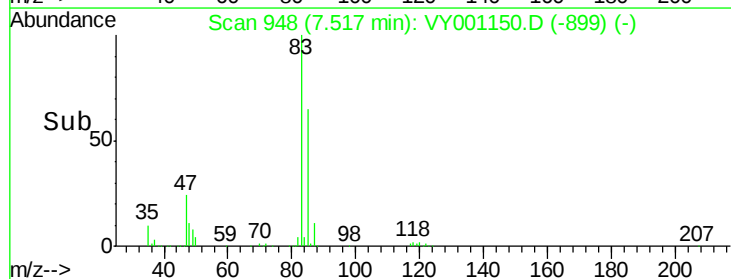
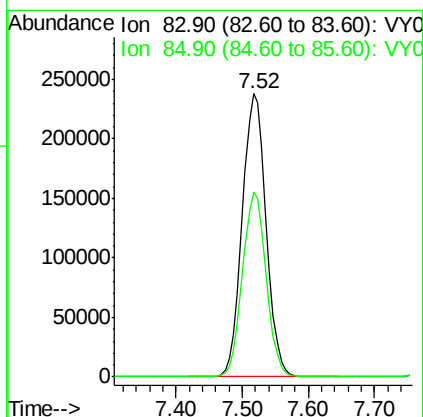
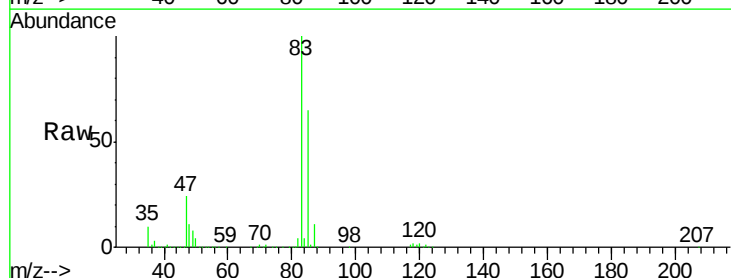
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

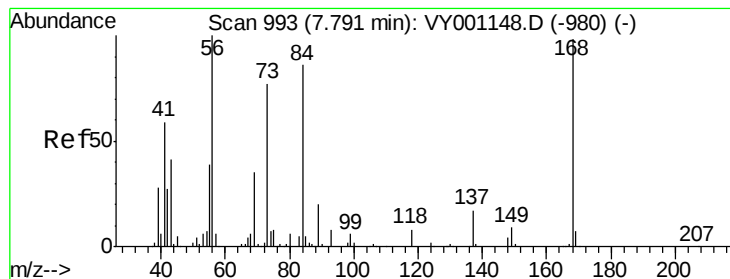
Tgt Ion: 42 Resp: 419691
Ion Ratio Lower Upper
42 100
72 44.5 36.9 55.3
71 41.8 34.0 51.0



#30
Chloroform
Concen: 139.241 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 83 Resp: 597569
Ion Ratio Lower Upper
83 100
85 65.3 51.9 77.9





#31

Cyclohexane

Concen: 129.846 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

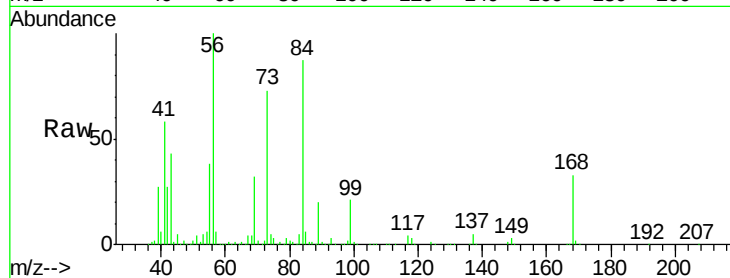
Tgt Ion: 56 Resp: 608592

Ion Ratio Lower Upper

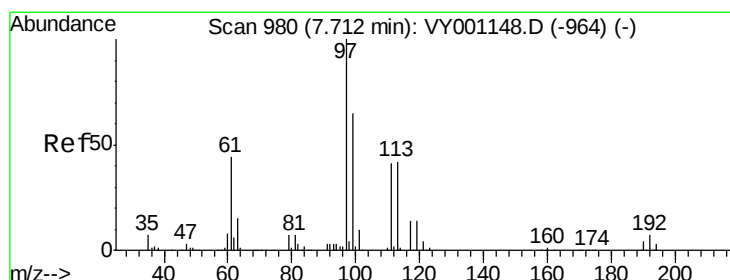
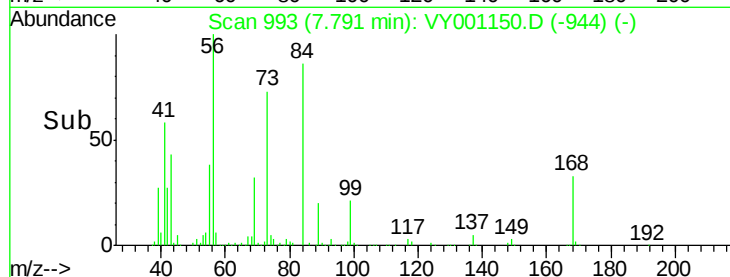
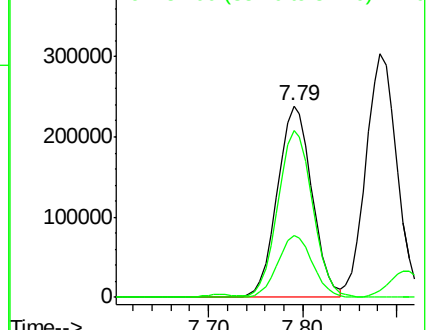
56 100

69 32.2 27.8 41.8

84 86.6 68.9 103.3



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



#32

1,1,1-Trichloroethane

Concen: 136.677 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

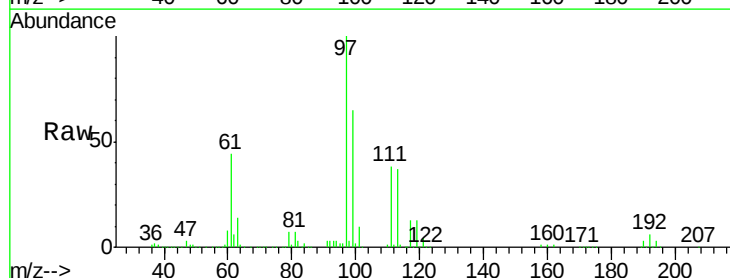
Tgt Ion: 97 Resp: 521955

Ion Ratio Lower Upper

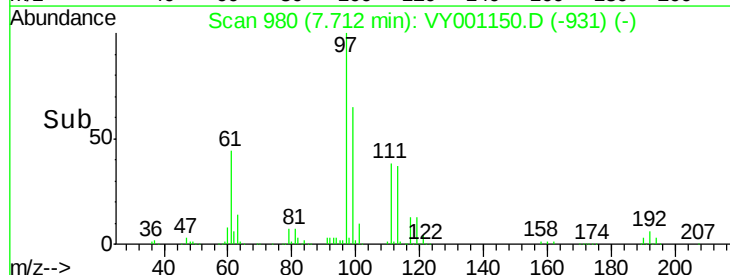
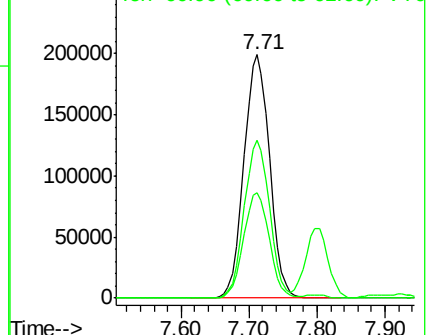
97 100

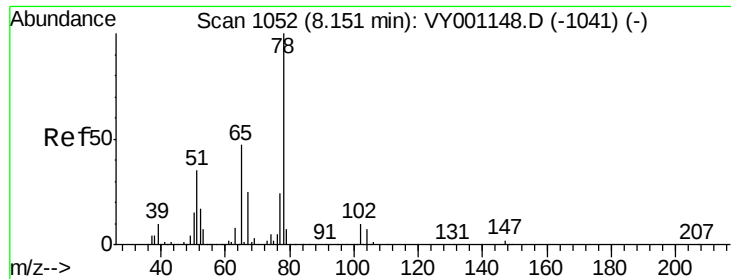
99 64.1 51.3 76.9

61 43.3 34.6 52.0



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

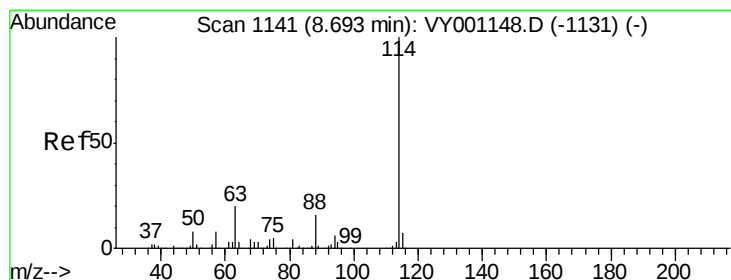
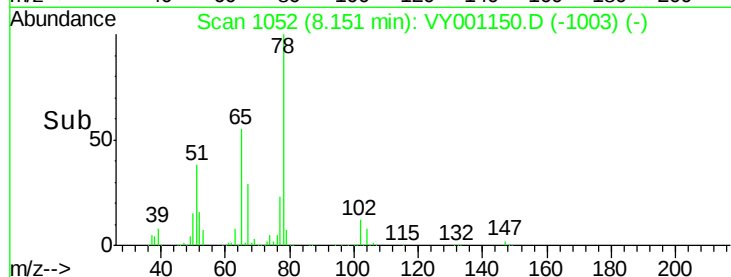
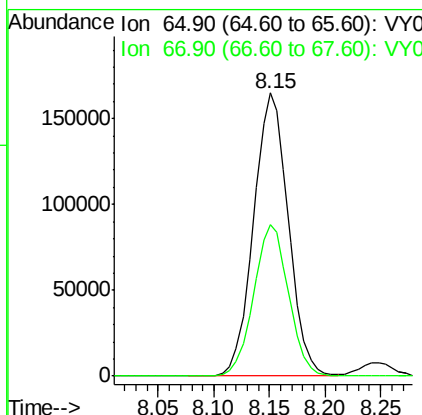
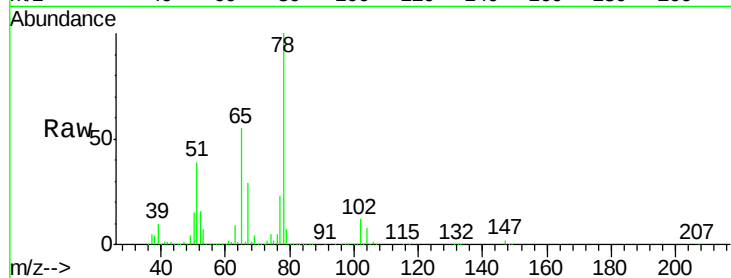




#33
 1,2-Dichloroethane-d4
 Concen: 151.393 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

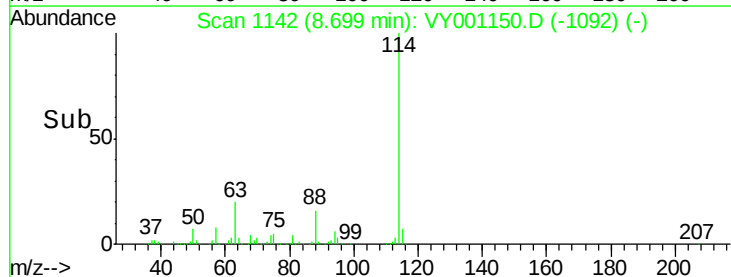
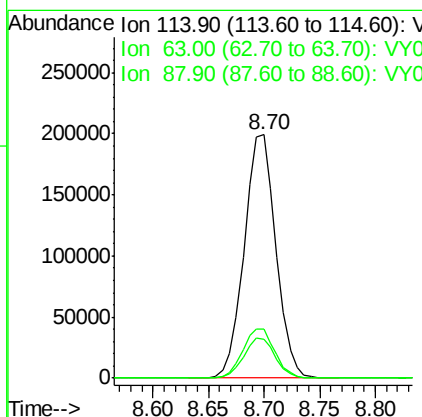
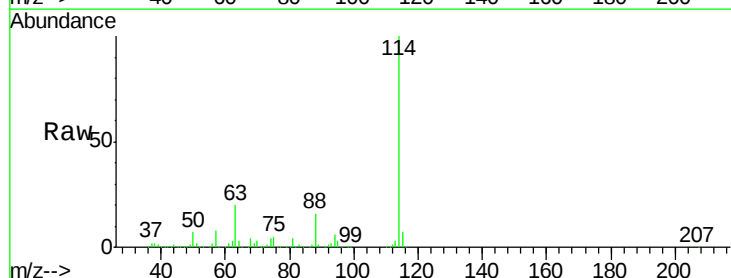
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

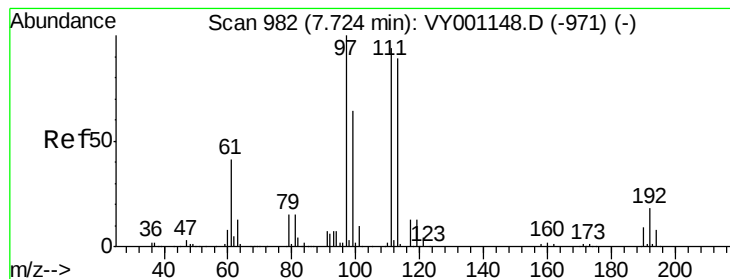
Tgt Ion: 65 Resp: 358119
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 114 Resp: 392970
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 139.683 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

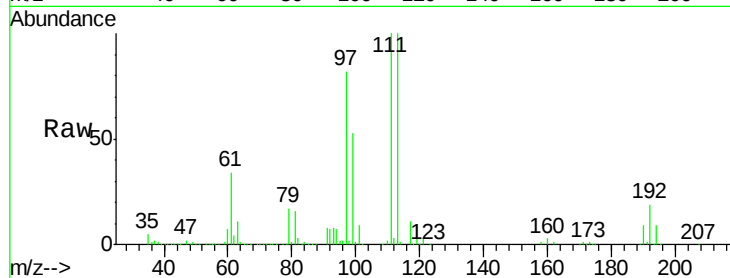
Tgt Ion:113 Resp: 325114

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

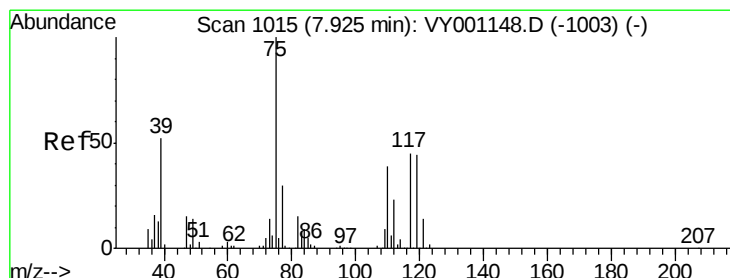
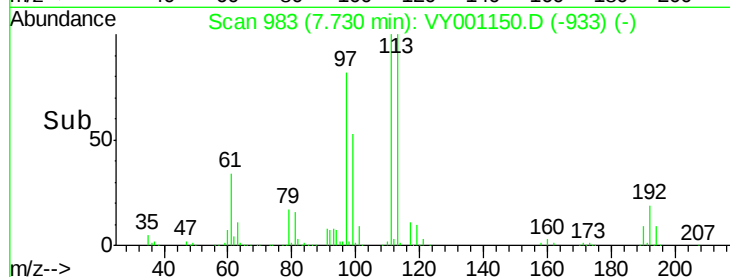
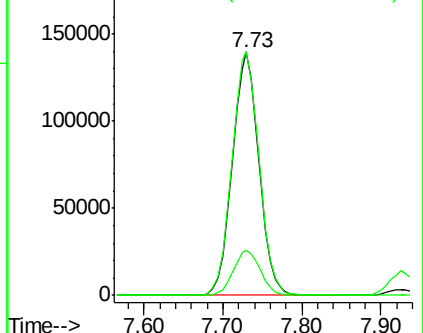
192 18.9 15.4 23.2



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: 132.369 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

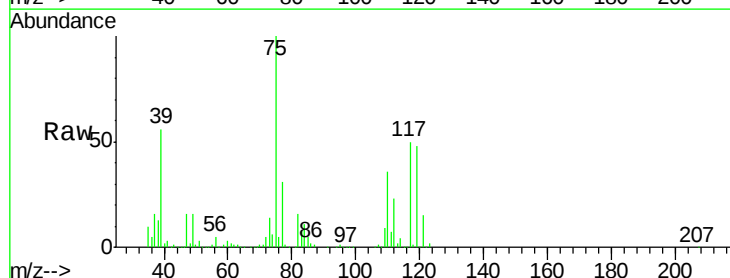
Tgt Ion: 75 Resp: 483575

Ion Ratio Lower Upper

75 100

110 36.0 18.3 54.8

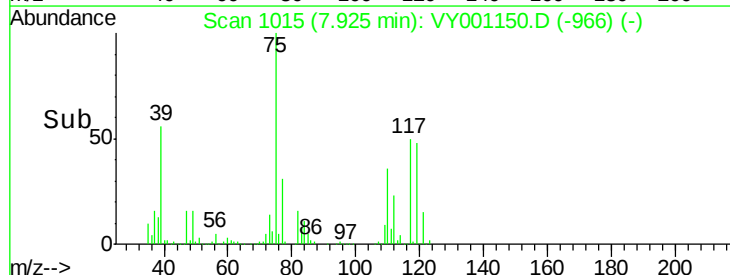
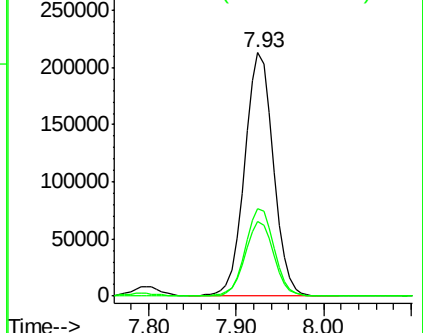
77 31.0 25.1 37.7

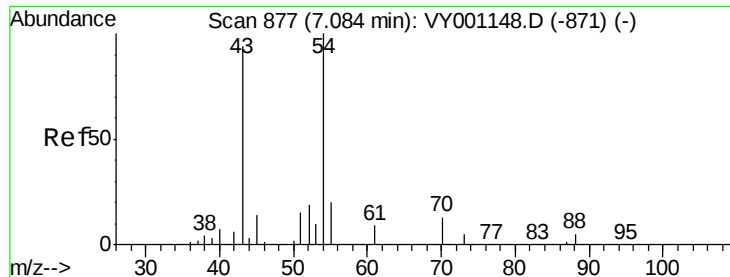


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

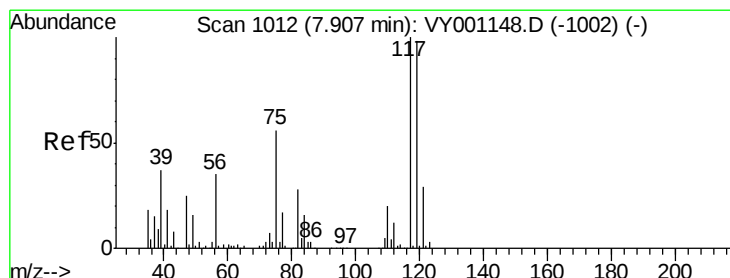
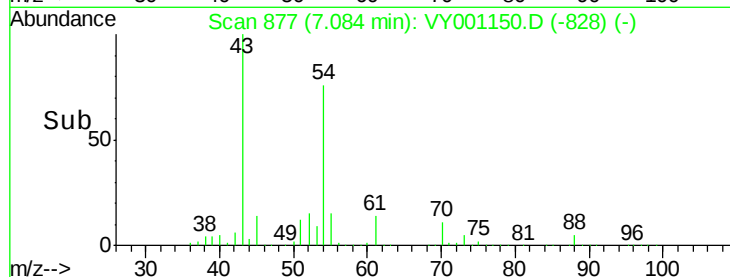
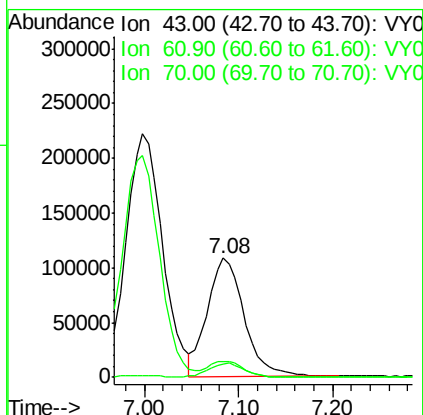
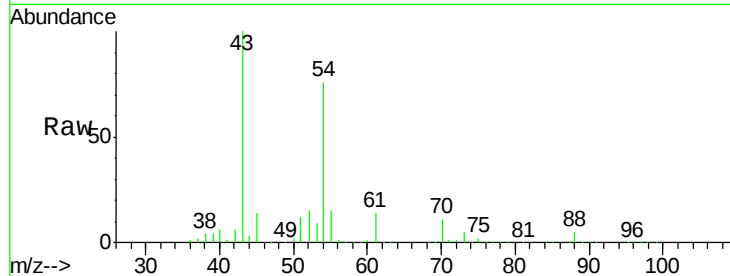




#37
Ethyl Acetate
Concen: 137.798 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

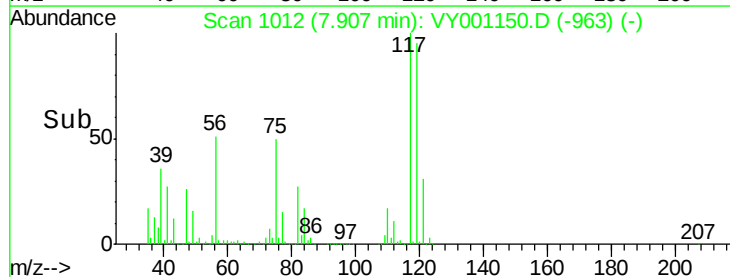
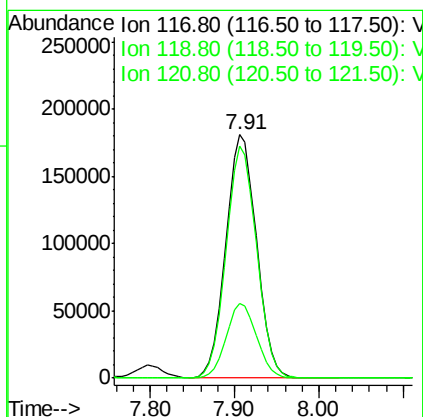
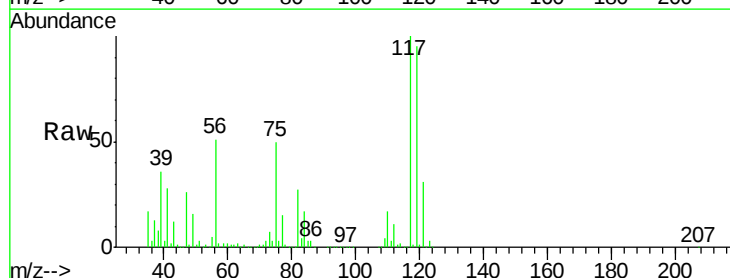
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

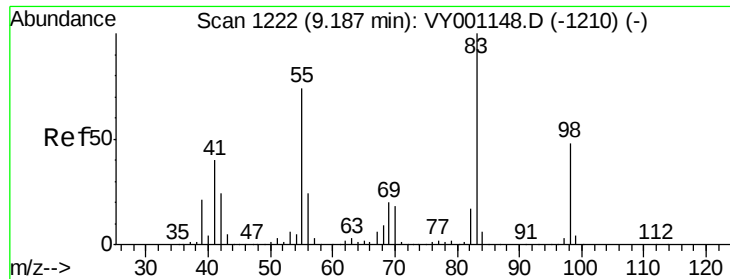
Tgt Ion: 43 Resp: 293632
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.3 9.7 14.5



#38
Carbon Tetrachloride
Concen: 134.250 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 117 Resp: 448518
Ion Ratio Lower Upper
117 100
119 95.1 78.3 117.5
121 30.7 23.5 35.3

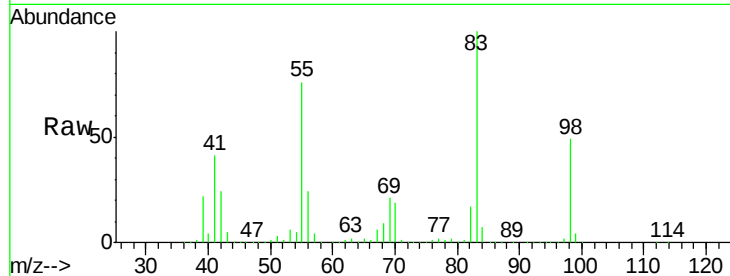




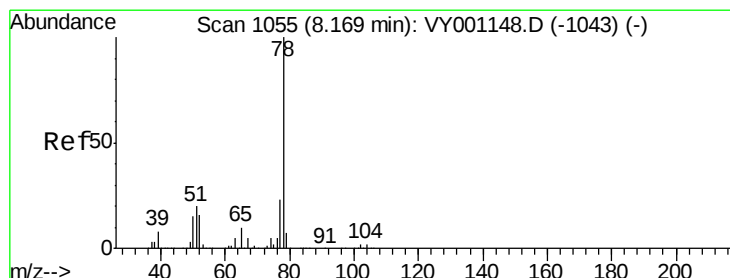
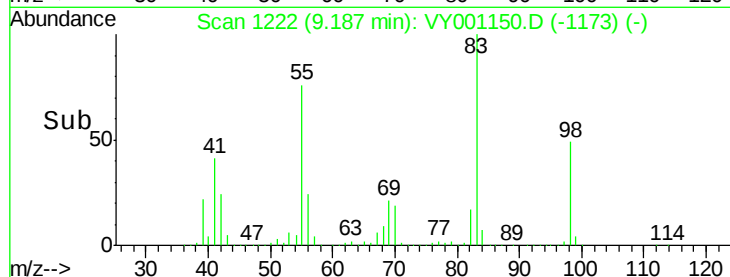
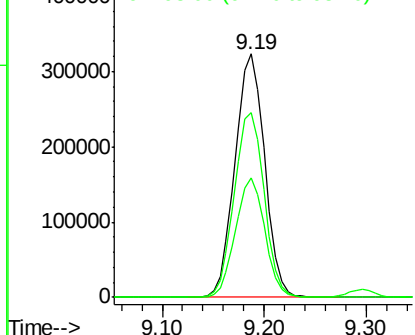
#39
Methylcyclohexane
Concen: 131.531 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 652064
Ion Ratio Lower Upper
83 100
55 76.1 58.9 88.3
98 49.0 38.4 57.6

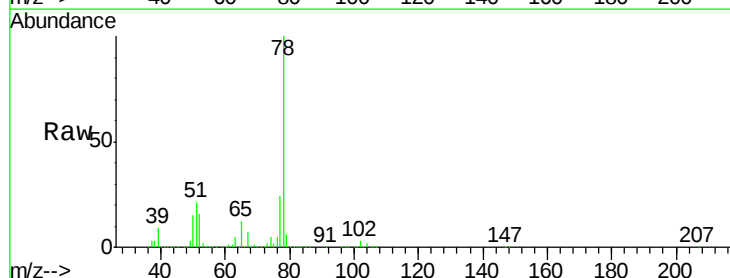


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

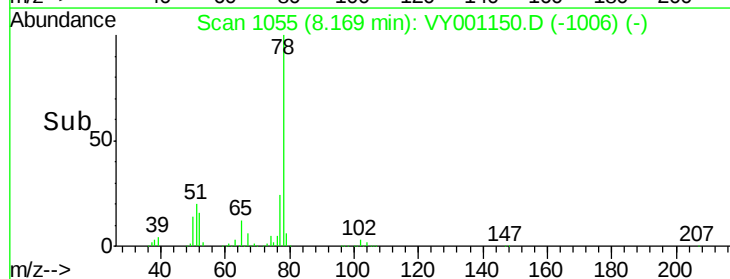
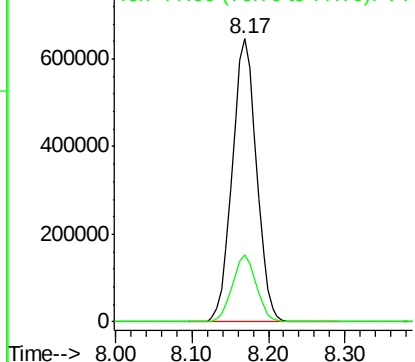


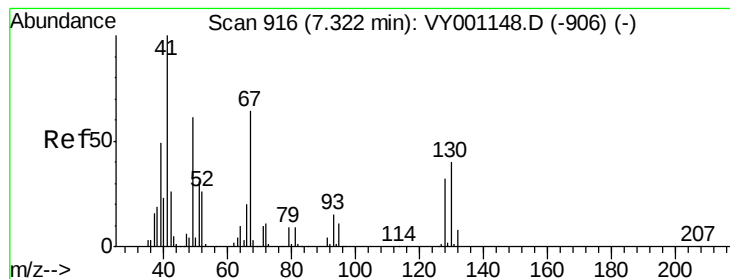
#40
Benzene
Concen: 133.015 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 78 Resp: 1417450
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 386.884 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 389862

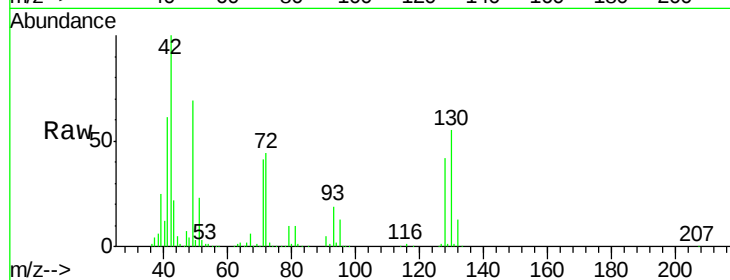
Ion Ratio Lower Upper

41 100

39 46.0 103.5 155.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

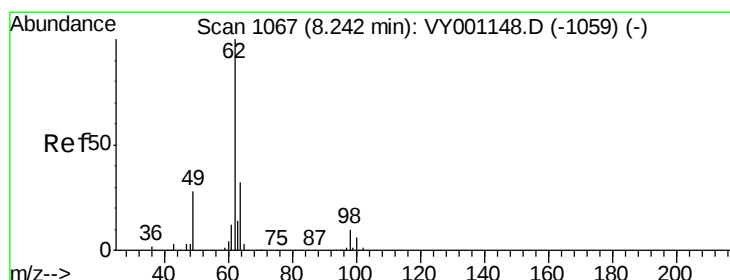
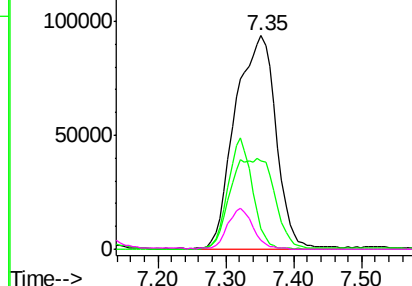
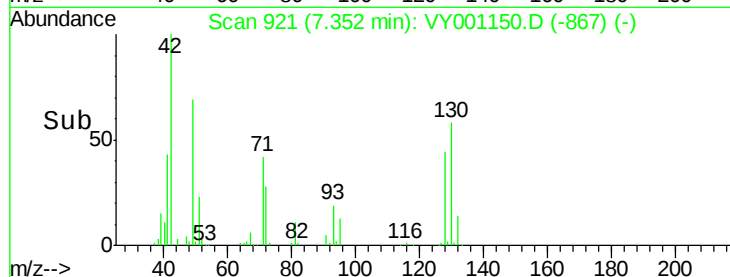


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 136.498 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY001150.D

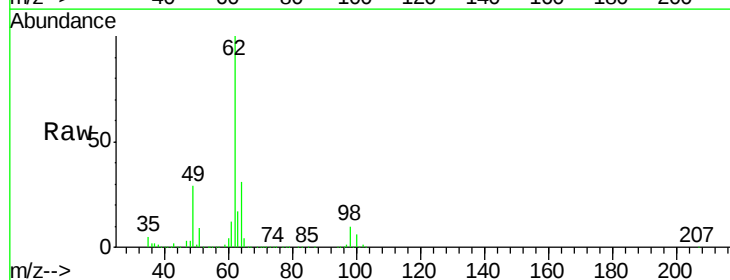
Acq: 10 Jan 2020 15:45

Tgt Ion: 62 Resp: 405693

Ion Ratio Lower Upper

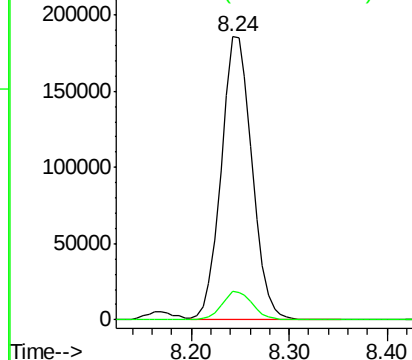
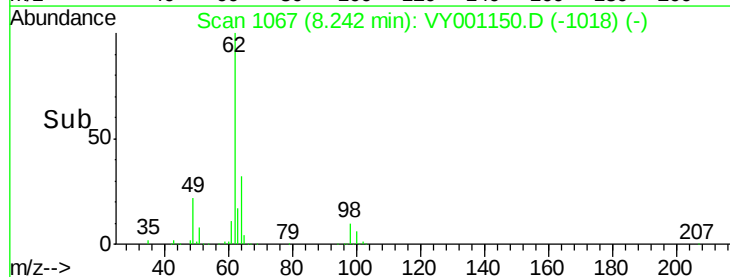
62 100

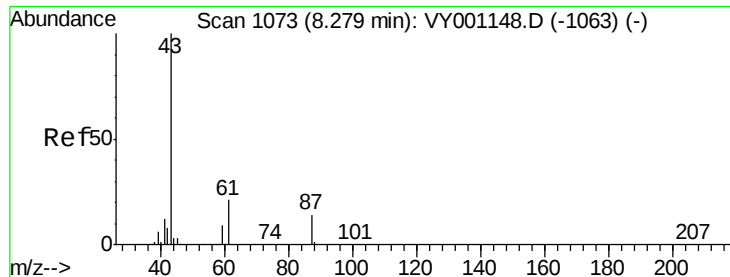
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 136.571 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

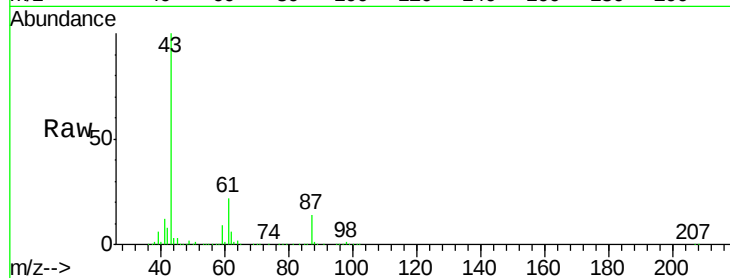
Tgt Ion: 43 Resp: 557255

Ion Ratio Lower Upper

43 100

61 29.4 23.9 35.9

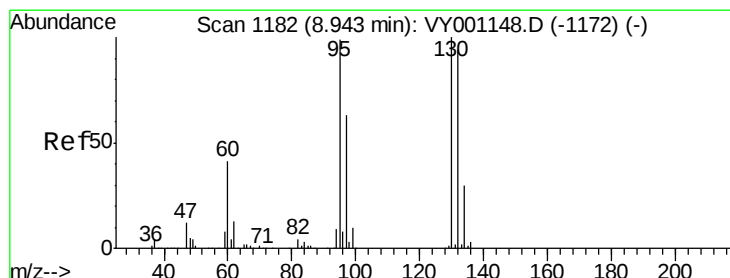
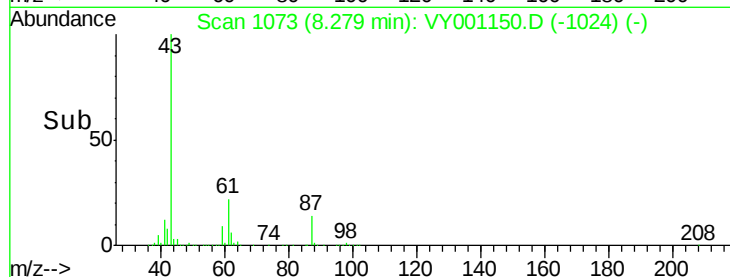
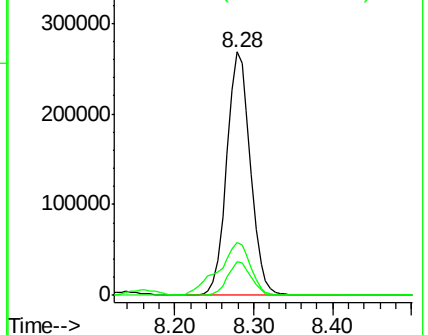
87 13.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 134.087 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY001150.D

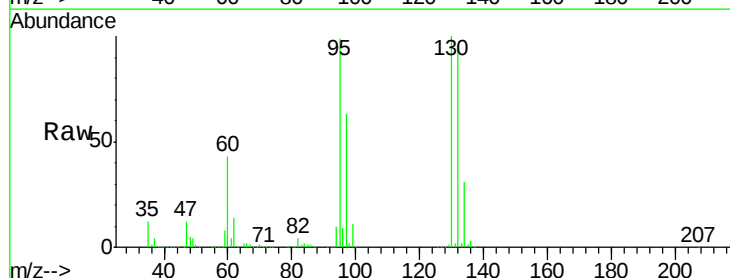
Acq: 10 Jan 2020 15:45

Tgt Ion: 130 Resp: 371869

Ion Ratio Lower Upper

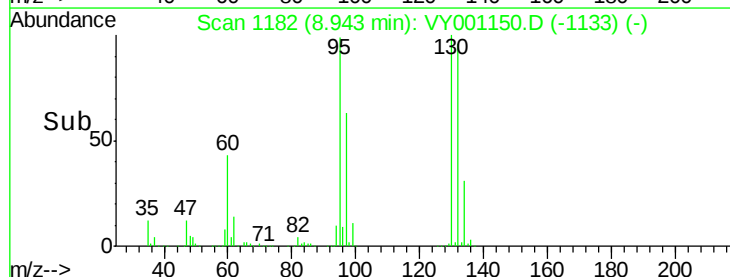
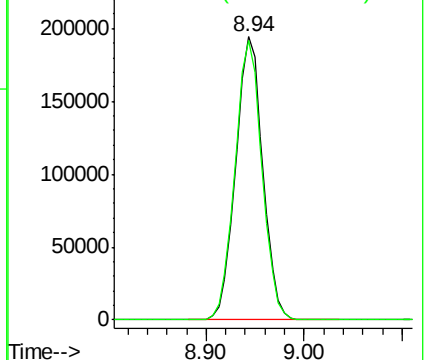
130 100

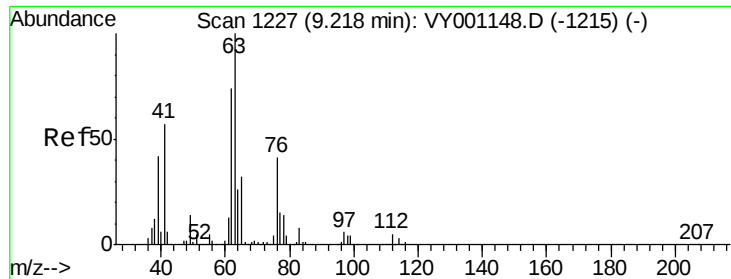
95 98.7 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 134.729 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

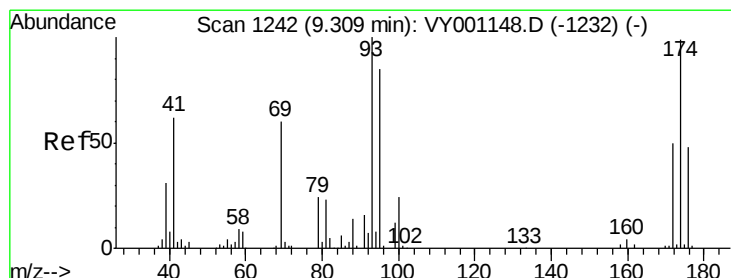
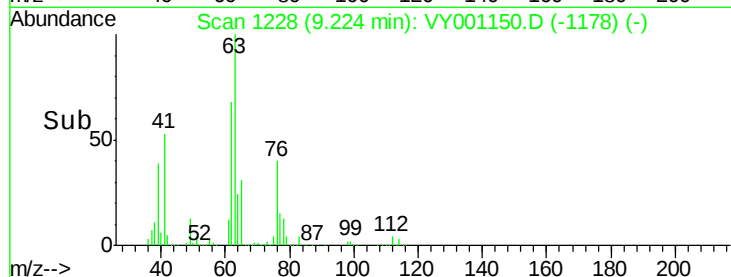
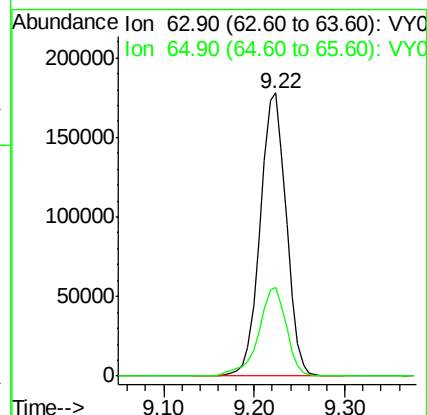
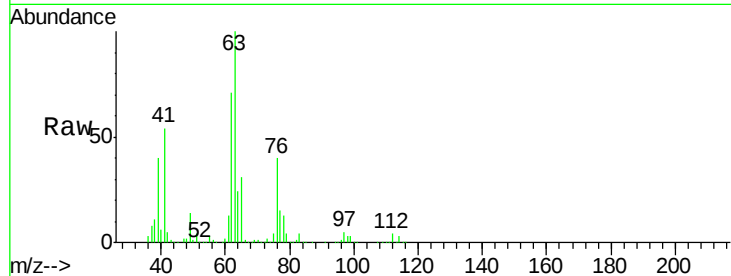
VSTDIC150

Tgt Ion: 63 Resp: 354248

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.8



#46

Dibromomethane

Concen: 134.898 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

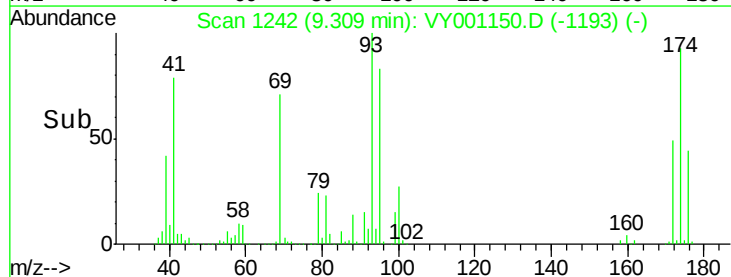
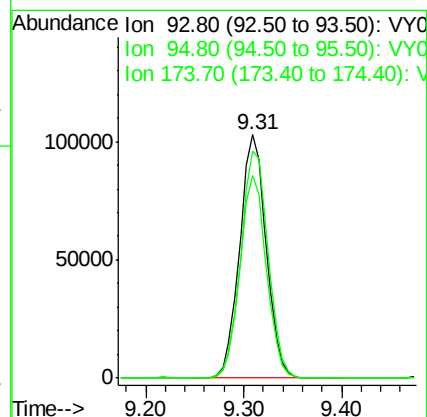
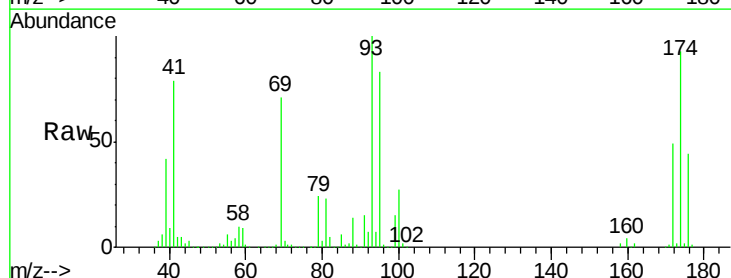
Tgt Ion: 93 Resp: 193489

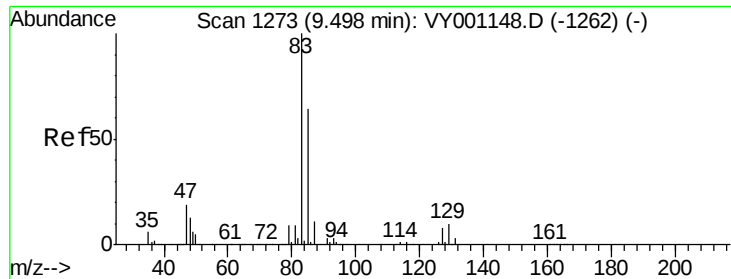
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 95.8 78.4 117.6





#47

Bromodichloromethane

Concen: 135.082 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

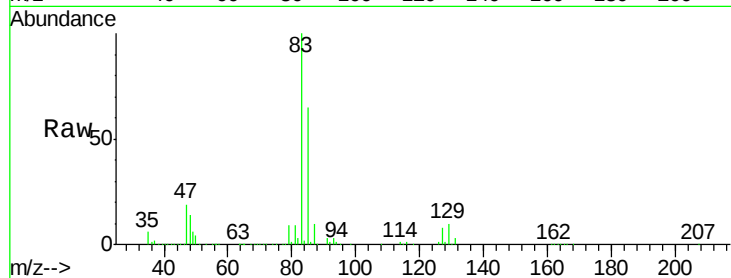
Tgt Ion: 83 Resp: 472096

Ion Ratio Lower Upper

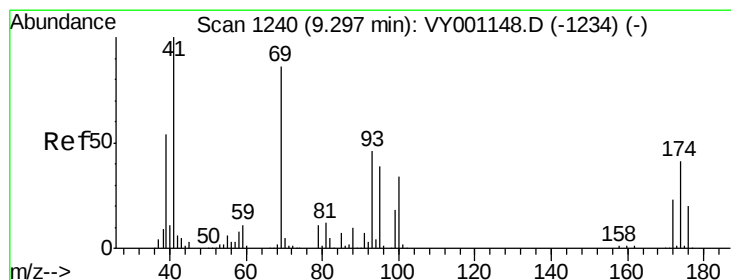
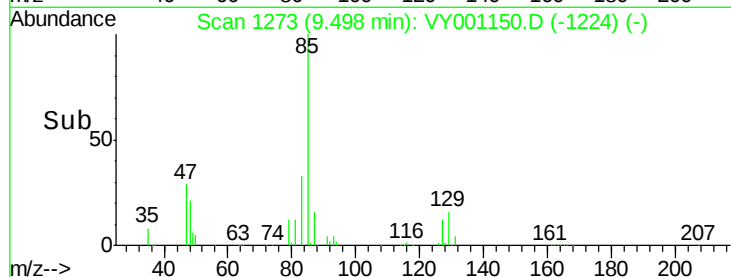
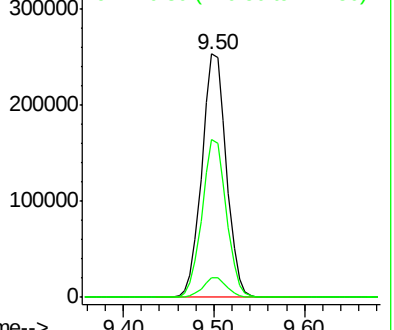
83 100

85 64.7 51.5 77.3

127 7.9 6.3 9.5



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



#48

Methyl methacrylate

Concen: 135.454 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

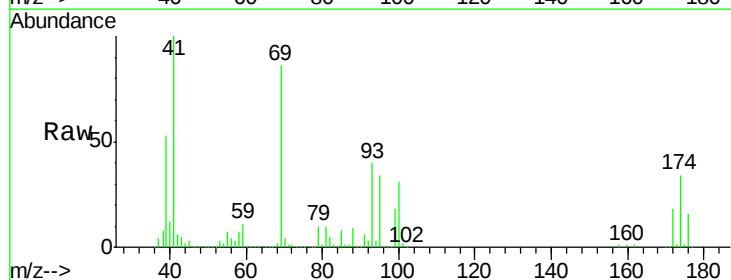
Tgt Ion: 41 Resp: 256086

Ion Ratio Lower Upper

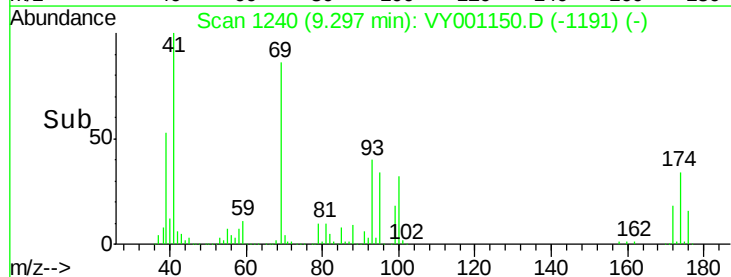
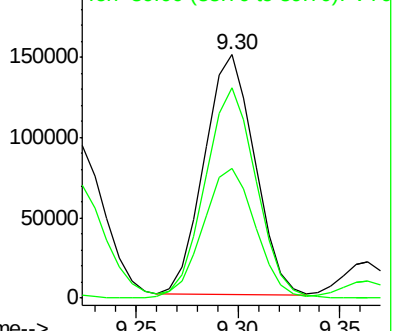
41 100

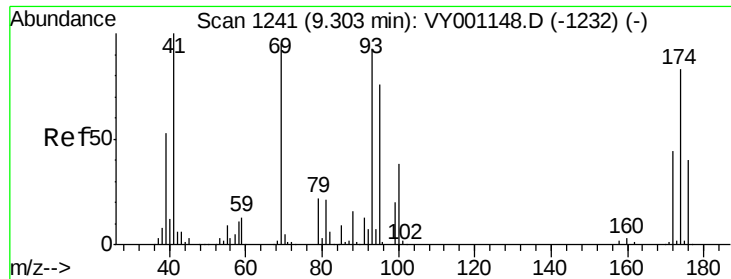
69 89.0 69.8 104.8

39 56.0 45.2 67.8



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

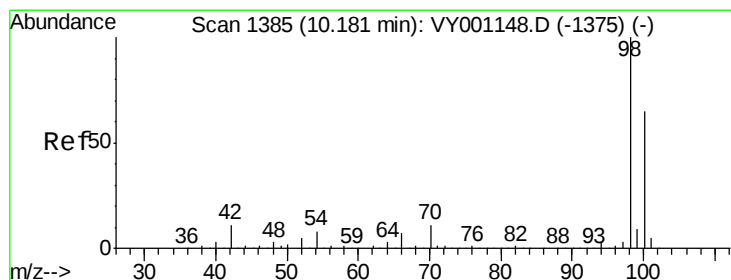
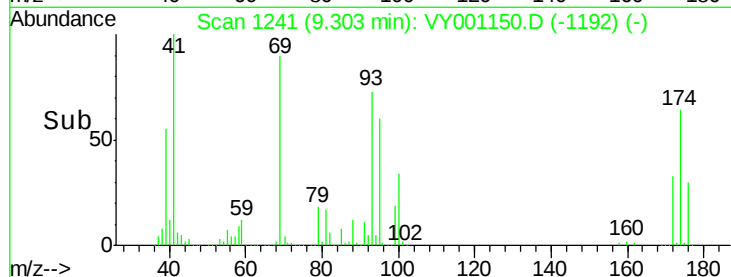
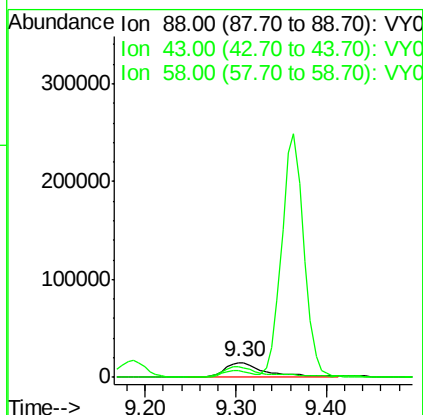
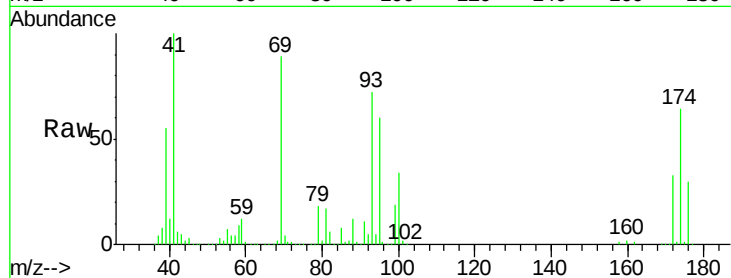




#49
 1,4-Dioxane
 Concen: 2759.223 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

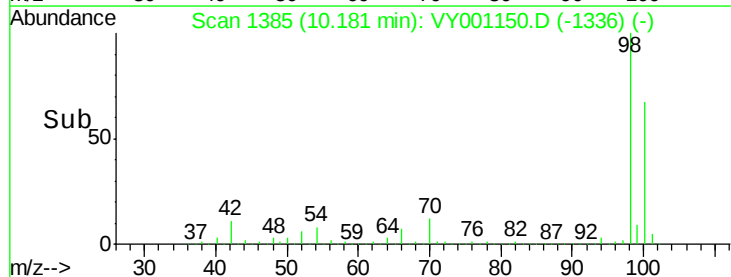
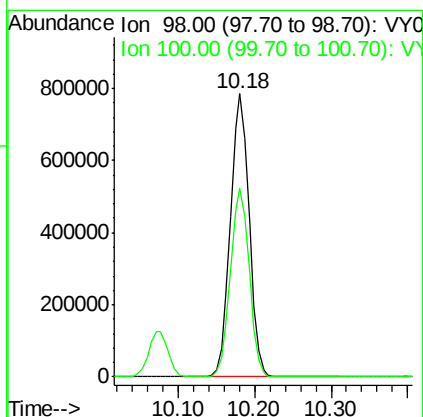
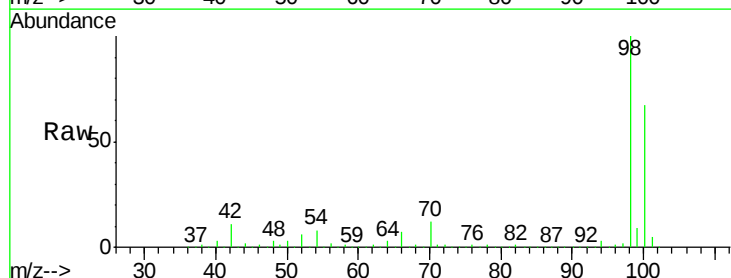
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

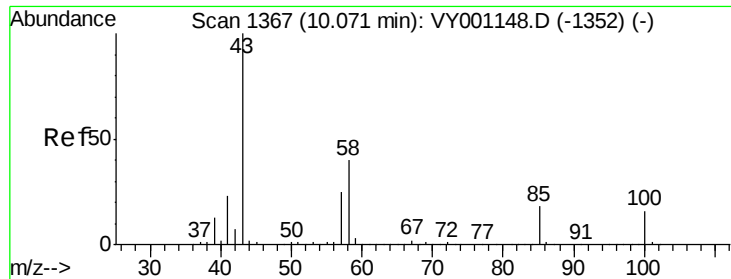
Tgt Ion: 88 Resp: 48031
 Ion Ratio Lower Upper
 88 100
 43 28.4 22.4 33.6
 58 80.9 58.0 87.0



#50
 Toluene-d8
 Concen: 149.719 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 98 Resp: 1327741
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.1 79.7

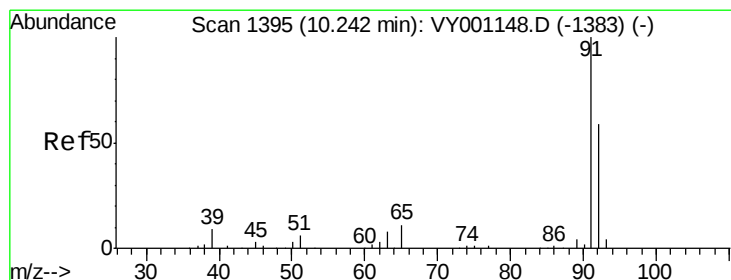
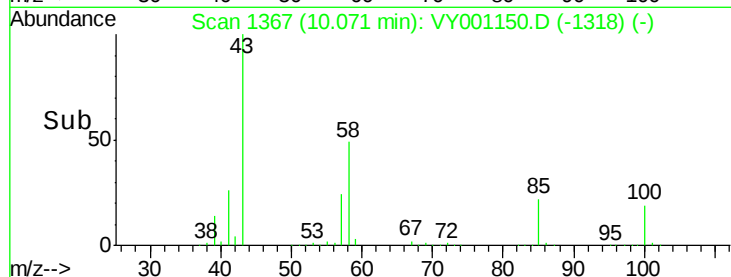
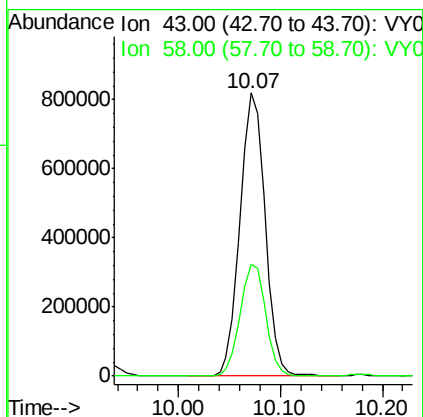
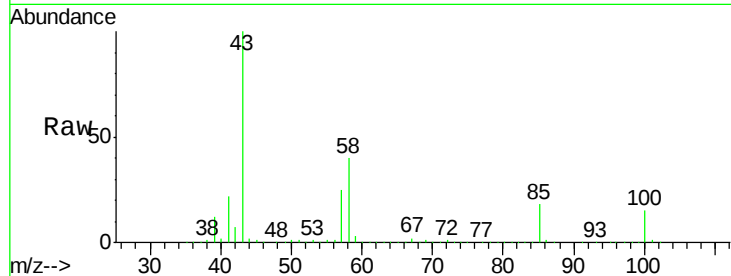




#51
 4-Methyl-2-Pentanone
 Concen: 677.329 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

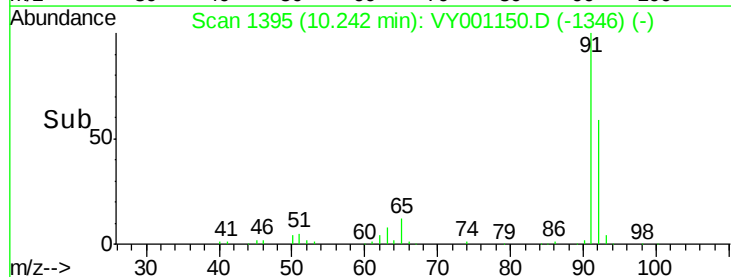
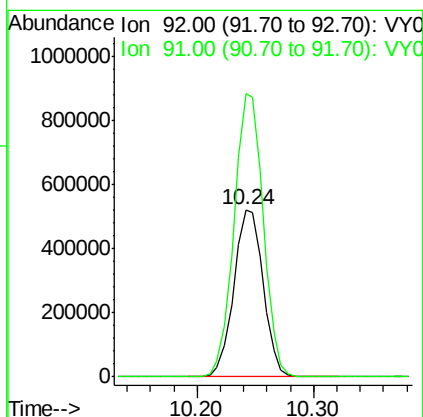
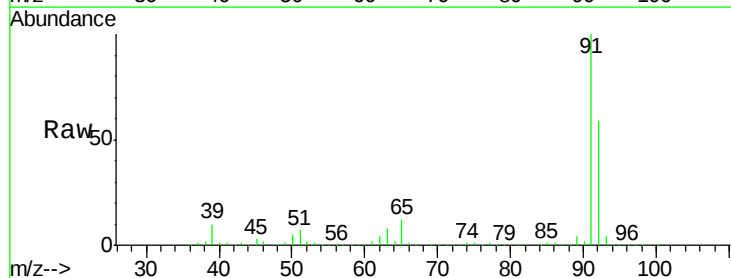
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 1404092
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.3 48.5



#52
 Toluene
 Concen: 134.732 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 92 Resp: 913943
 Ion Ratio Lower Upper
 92 100
 91 169.2 136.6 204.8

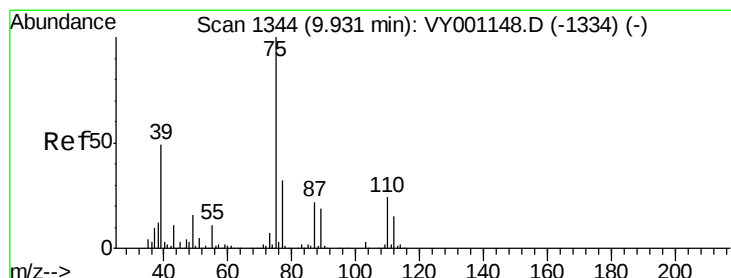
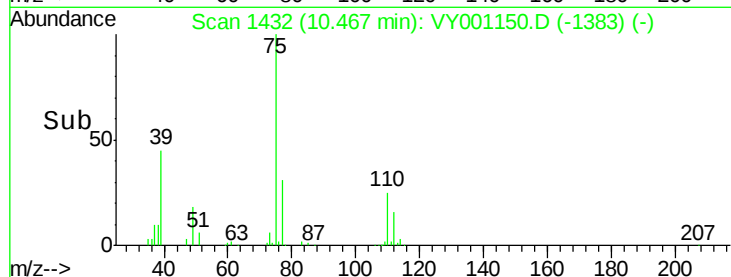
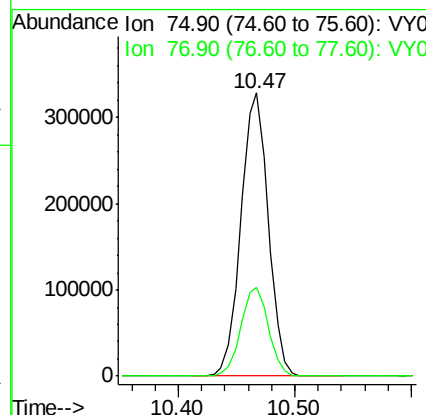
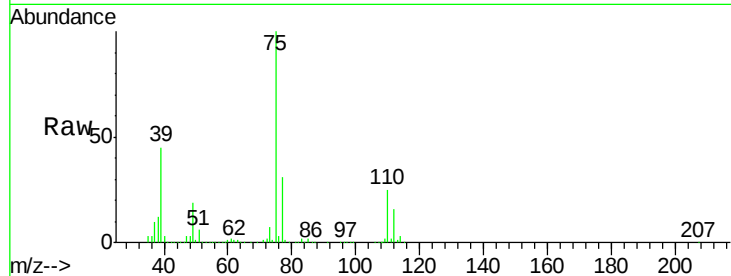




#53
 t-1,3-Dichloropropene
 Concen: 137.935 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

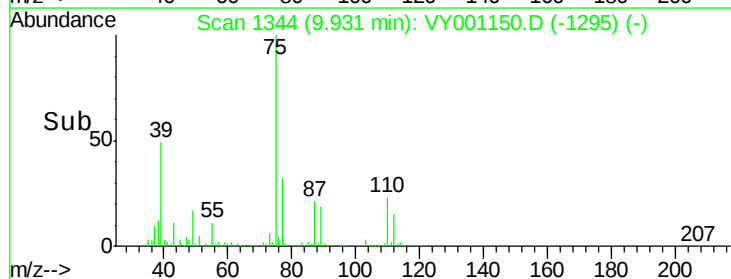
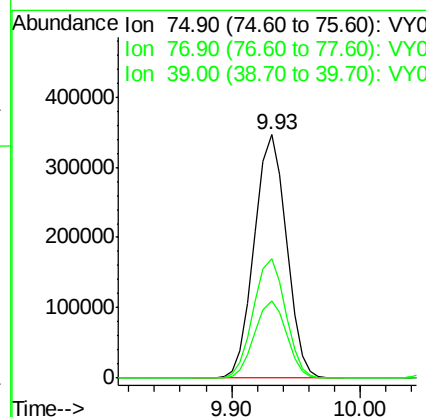
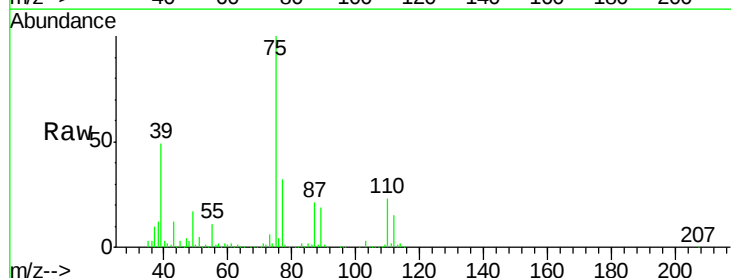
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

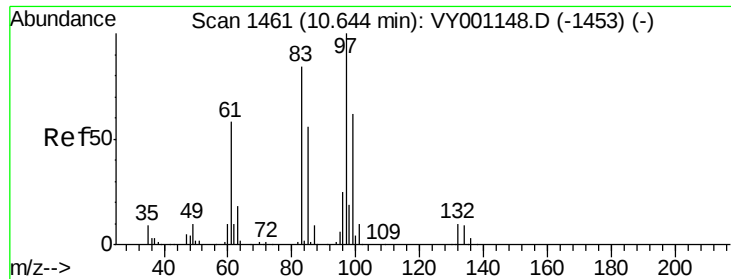
Tgt Ion: 75 Resp: 537701
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 135.729 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 75 Resp: 598027
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 48.9 39.1 58.7

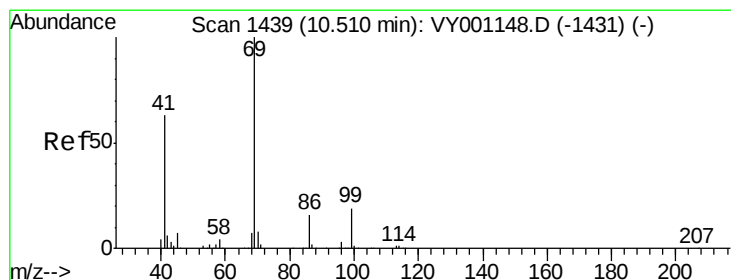
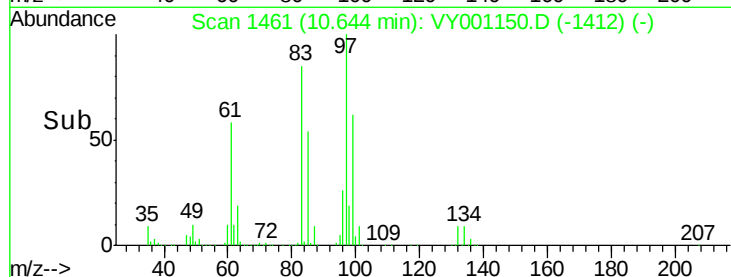
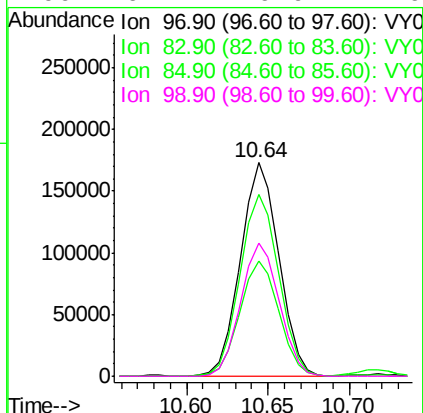
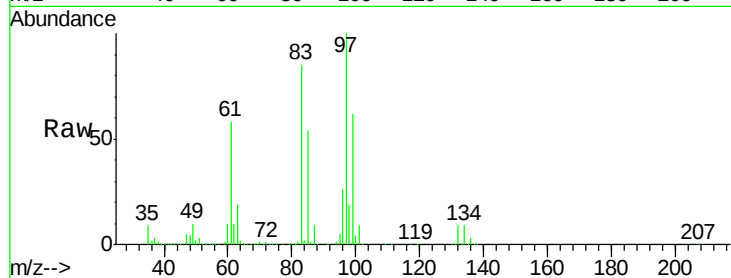




#55
 1,1,2-Trichloroethane
 Concen: 132.656 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

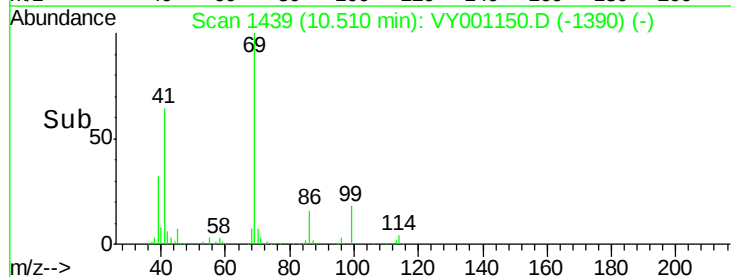
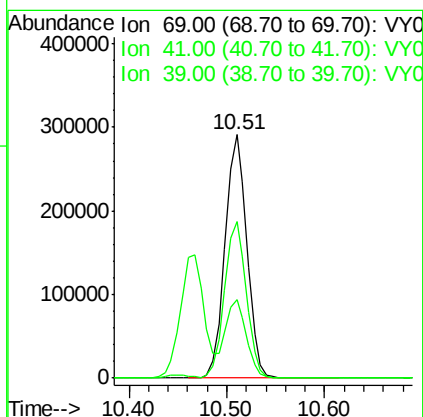
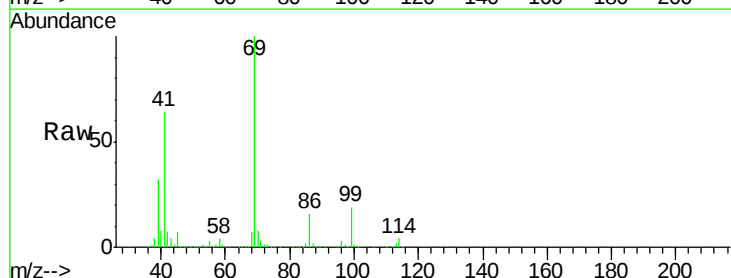
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	282797
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.2	100.8
85	54.1	44.9	67.3
99	62.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 138.530 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion:	69	Resp:	448756
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.4	77.2
39	29.8	26.3	39.5

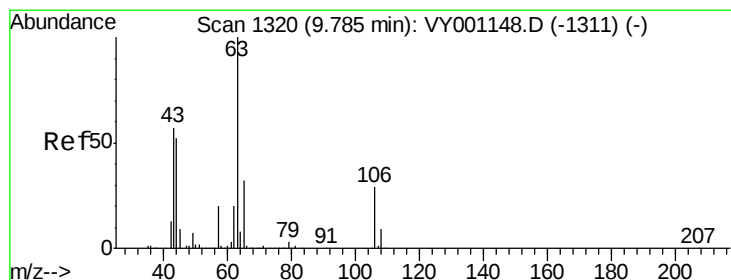
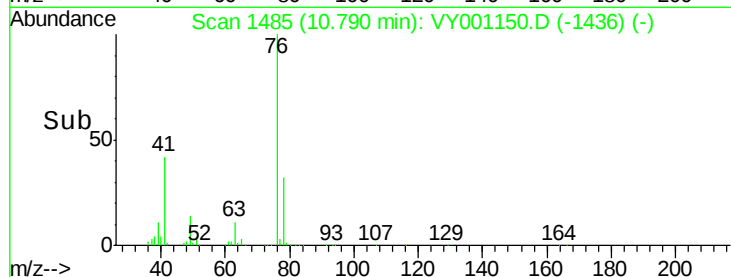
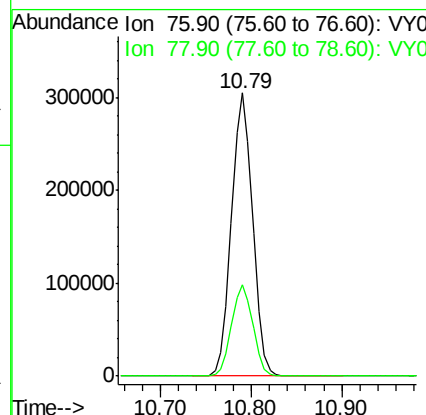
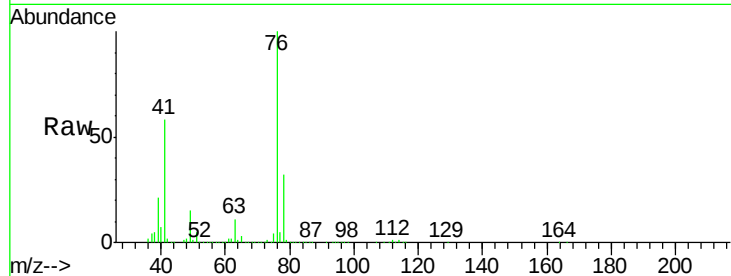




#57
 1,3-Dichloropropane
 Concen: 135.069 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

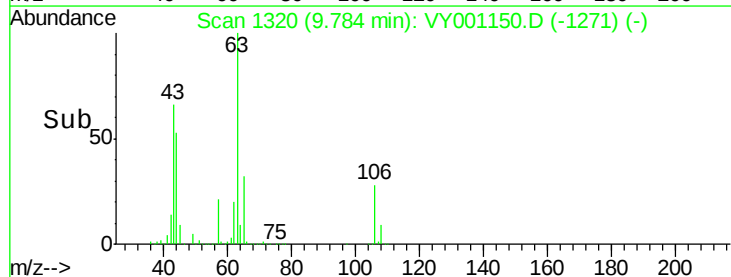
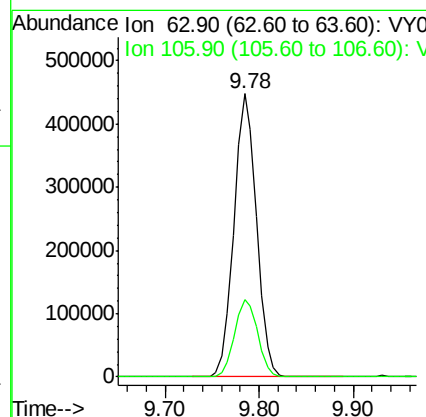
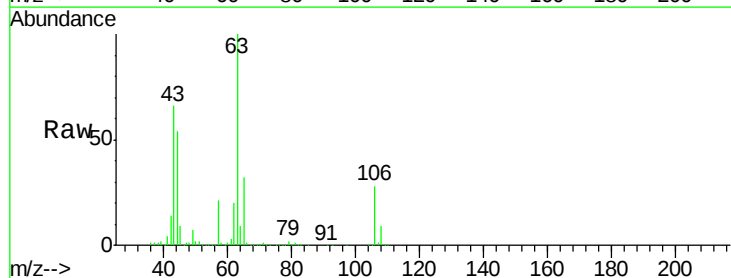
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

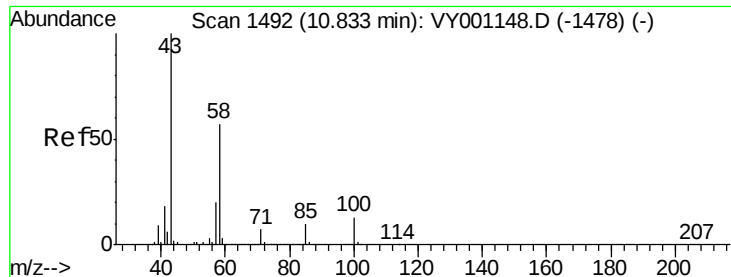
Tgt Ion: 76 Resp: 492968
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 644.720 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 63 Resp: 742563
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.0 34.6

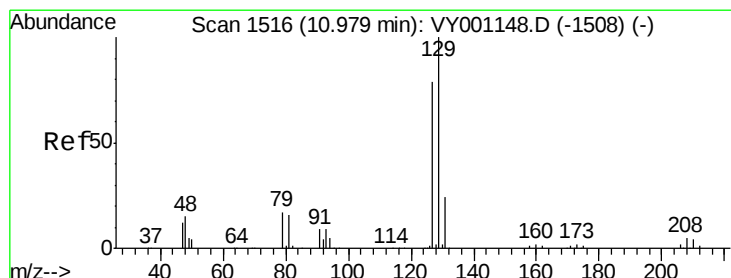
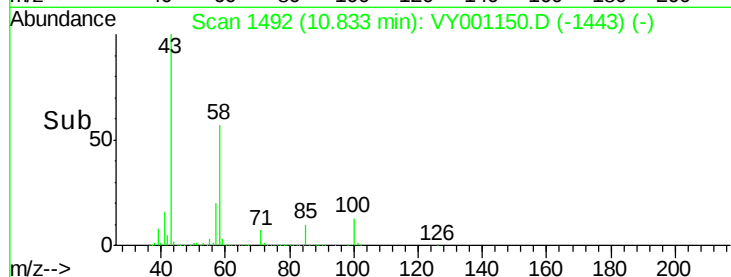
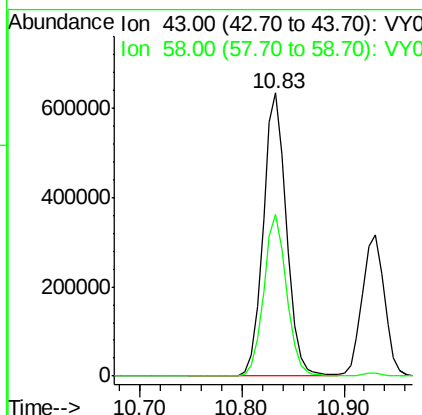
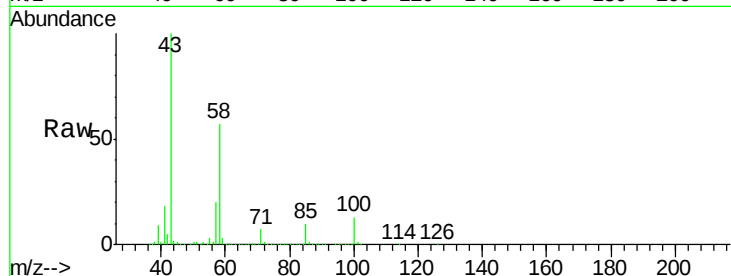




#59
2-Hexanone
Concen: 690.320 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

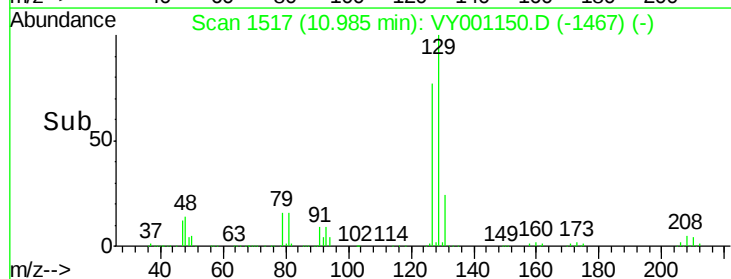
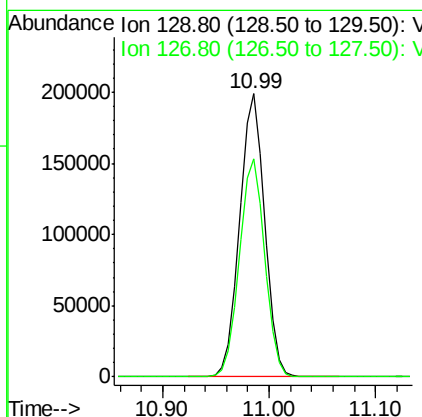
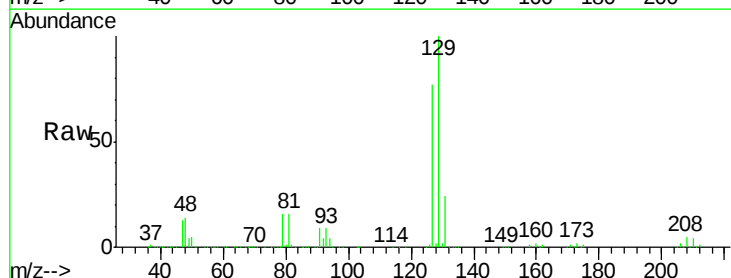
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

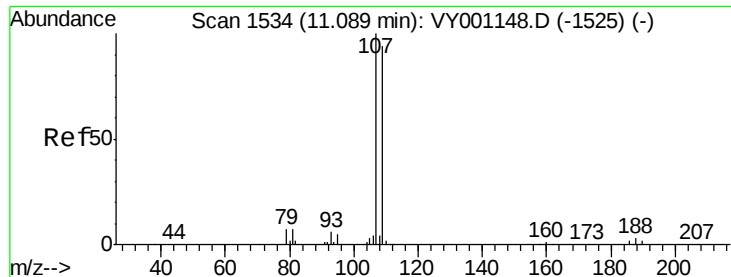
Tgt Ion: 43 Resp: 999973
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.2



#60
Dibromochloromethane
Concen: 134.730 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 129 Resp: 329918
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

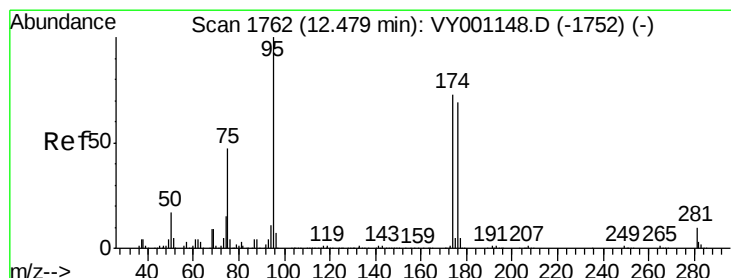
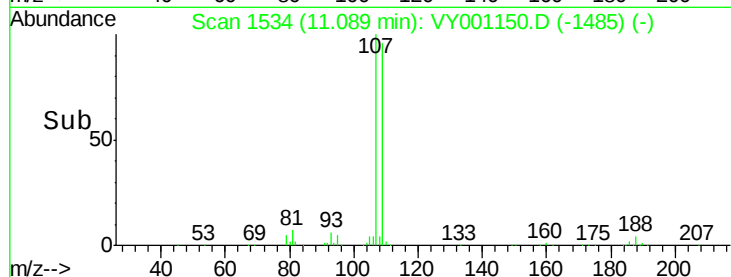
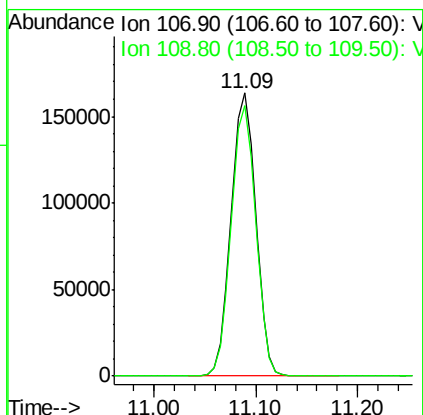
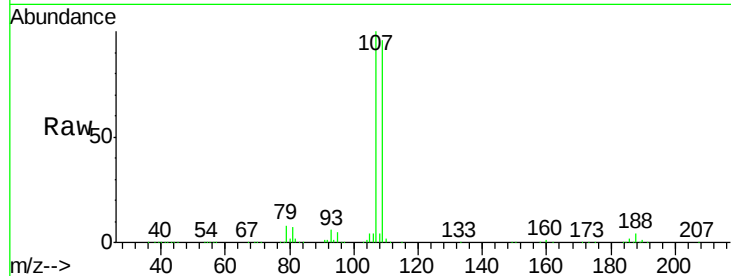




#61
 1,2-Dibromoethane
 Concen: 131.854 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

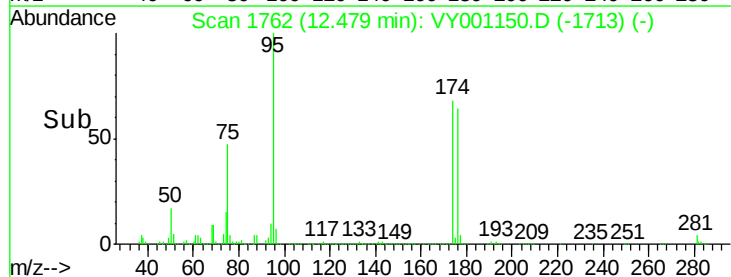
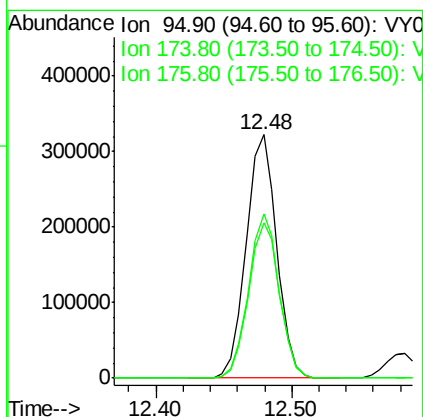
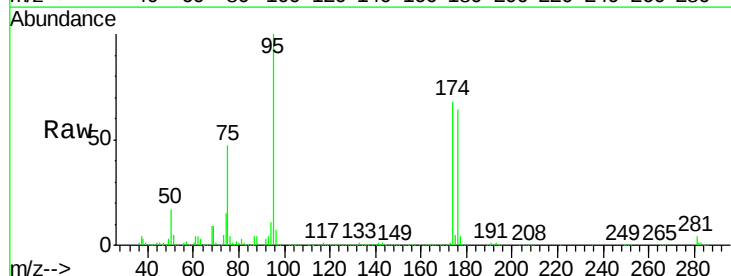
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

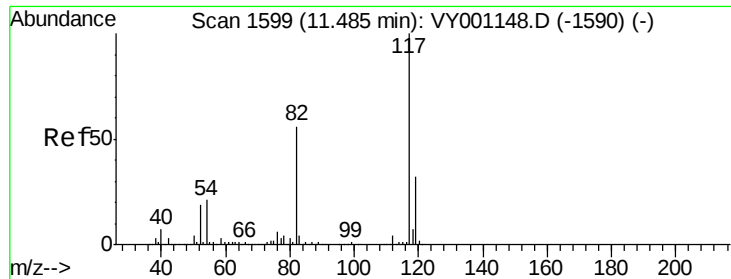
Tgt Ion: 107 Resp: 274714
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 137.667 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion: 95 Resp: 505903
 Ion Ratio Lower Upper
 95 100
 174 67.6 0.0 143.2
 176 64.7 0.0 136.0

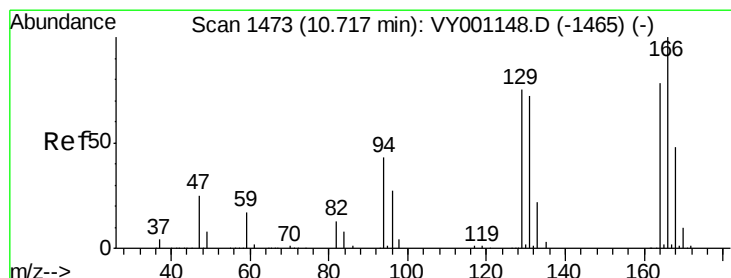
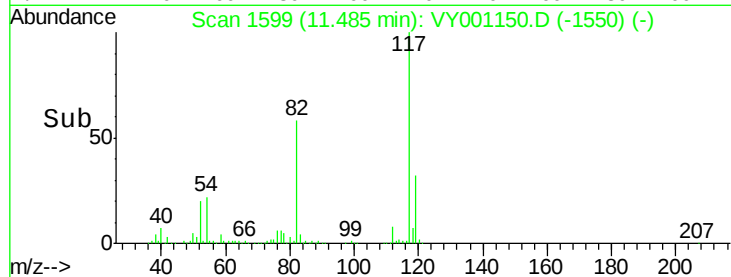
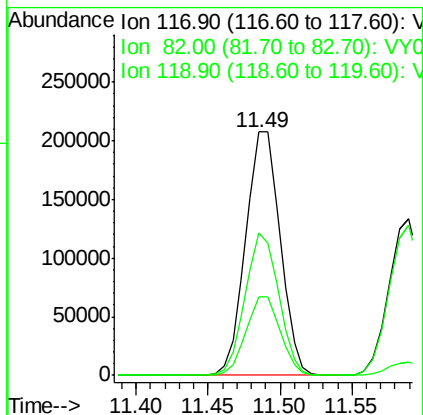
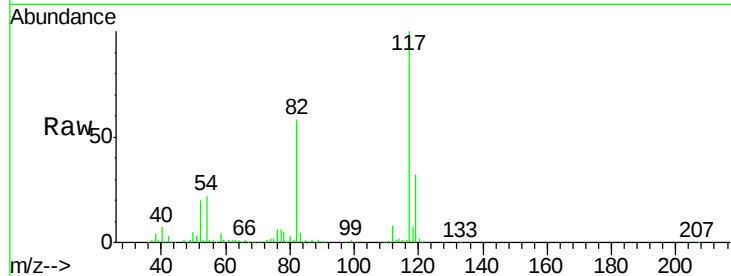




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

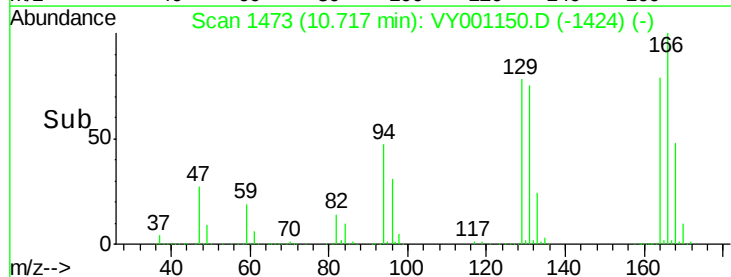
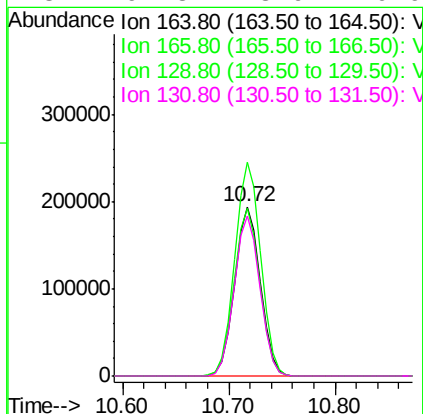
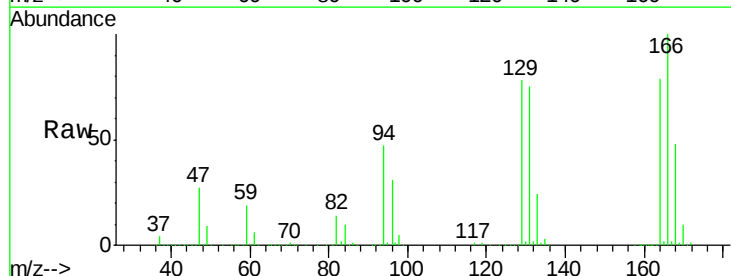
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

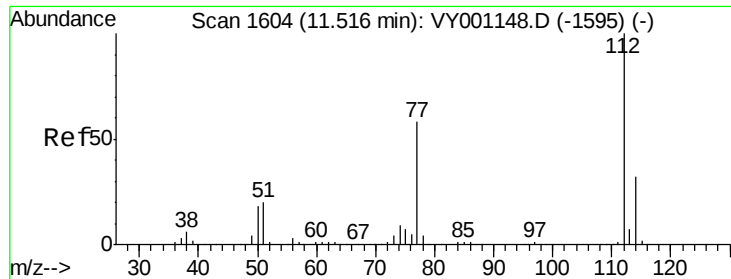
Tgt Ion:117 Resp: 345025
Ion Ratio Lower Upper
117 100
82 58.5 44.9 67.3
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 146.540 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion:164 Resp: 327181
Ion Ratio Lower Upper
164 100
166 126.4 102.3 153.5
129 99.1 76.2 114.4
131 94.8 73.9 110.9

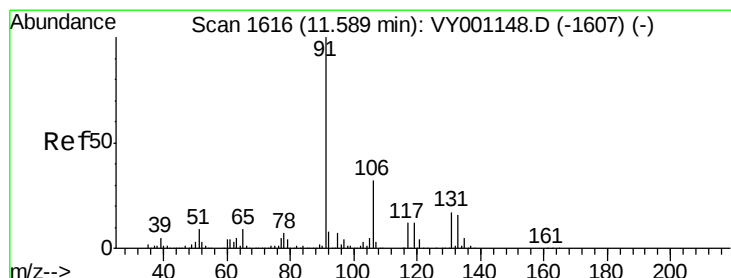
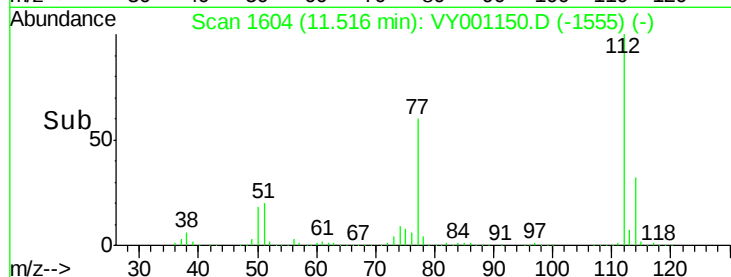
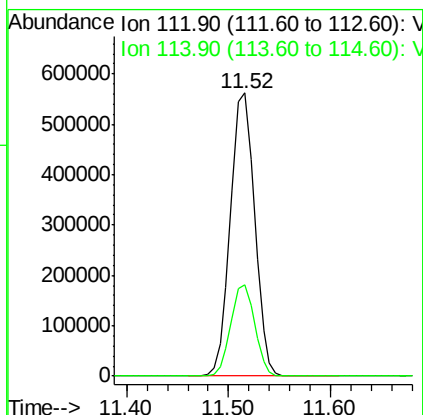
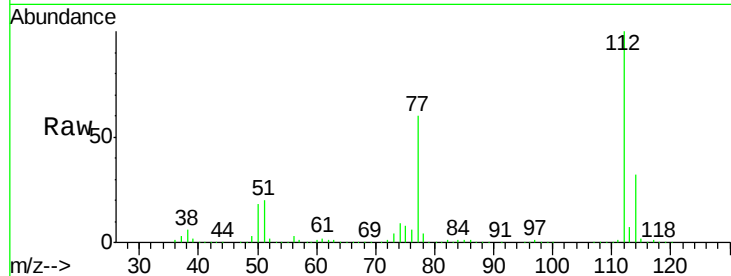




#65
Chlorobenzene
Concen: 131.031 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

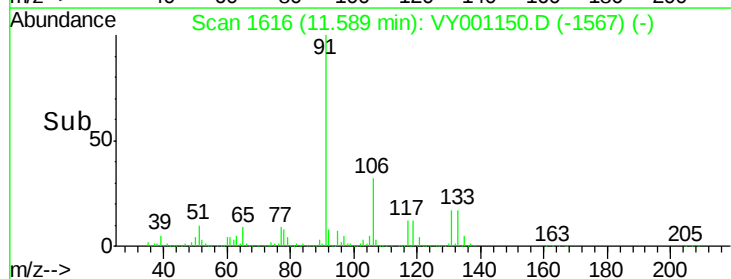
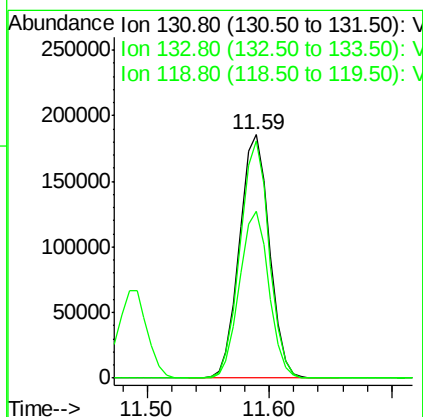
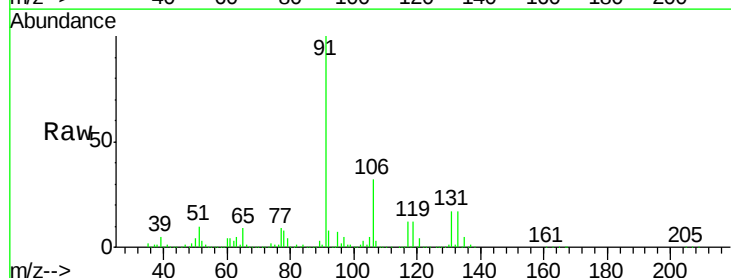
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

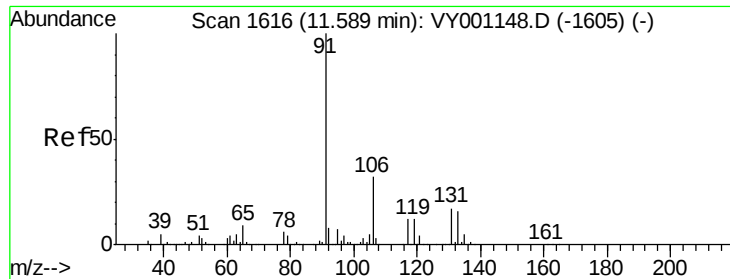
Tgt Ion:112 Resp: 922797
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 128.955 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion:131 Resp: 313749
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 67.9 33.6 100.8





#67

Ethyl Benzene

Concen: 129.072 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

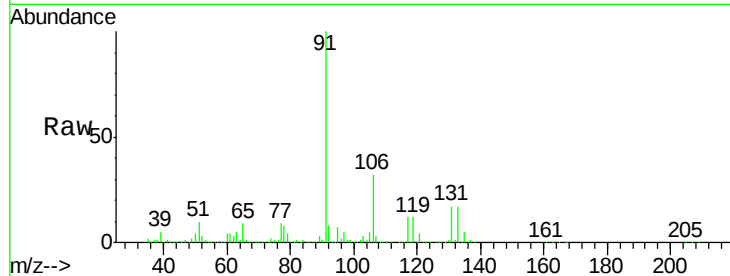
VSTDIC150

Tgt Ion: 91 Resp: 1666553

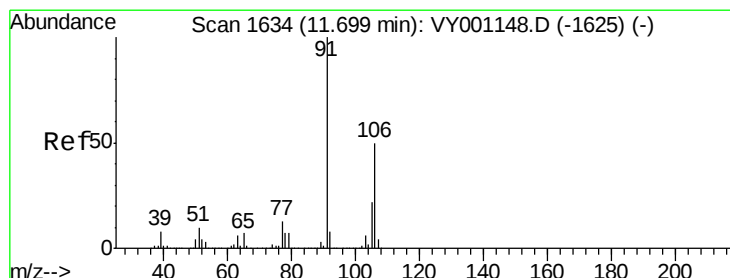
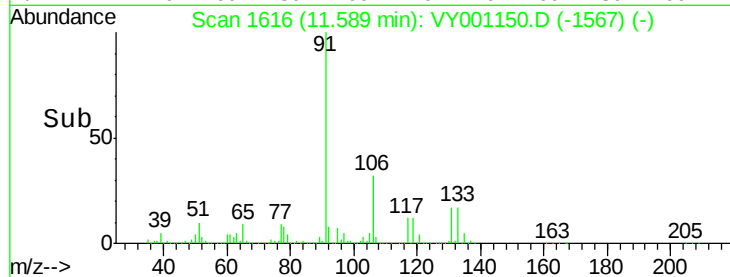
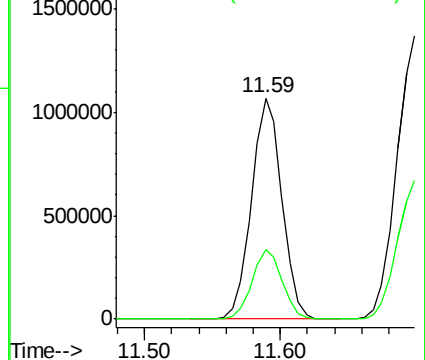
Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1605) (-)



#68

m/p-Xylenes

Concen: 257.338 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001150.D

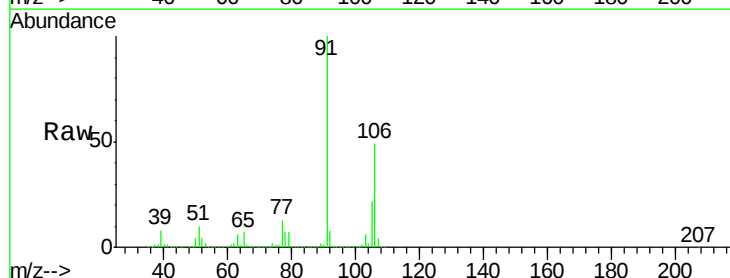
Acq: 10 Jan 2020 15:45

Tgt Ion:106 Resp: 1253999

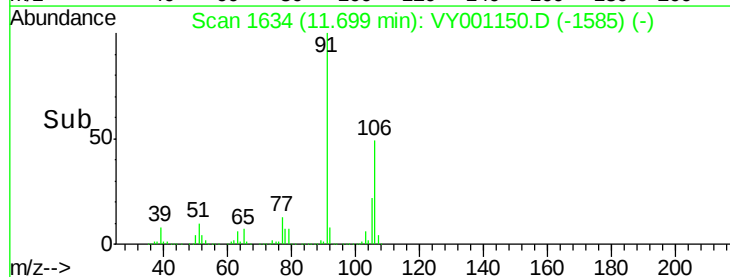
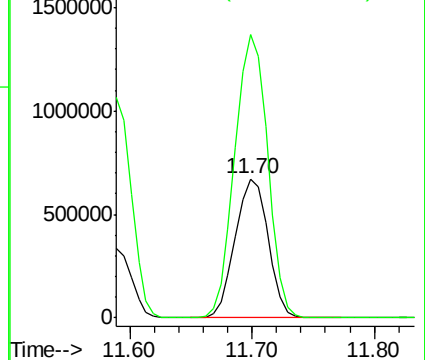
Ion Ratio Lower Upper

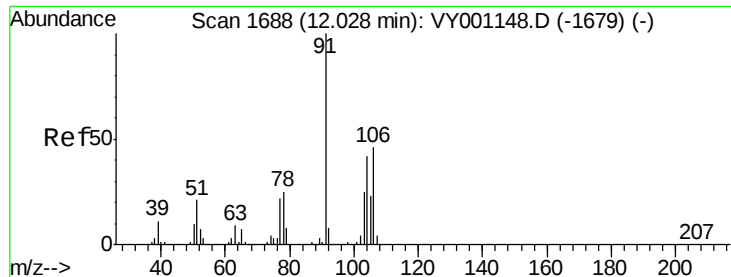
106 100

91 203.5 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): VY001148.D (-1625) (-)

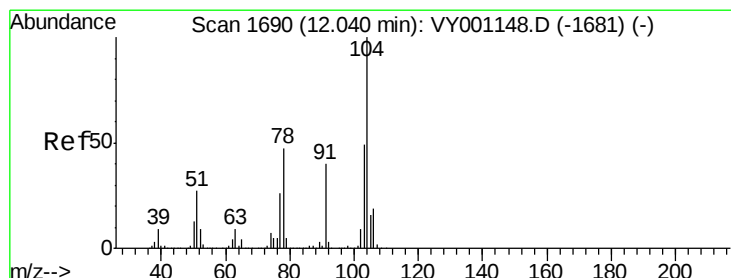
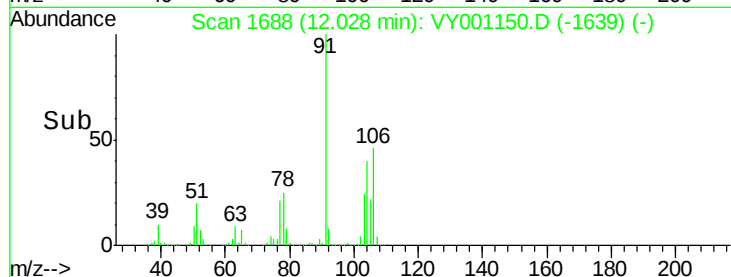
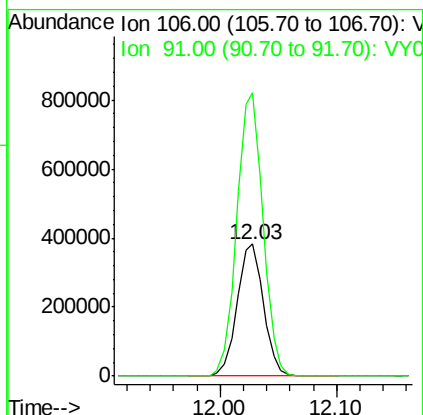
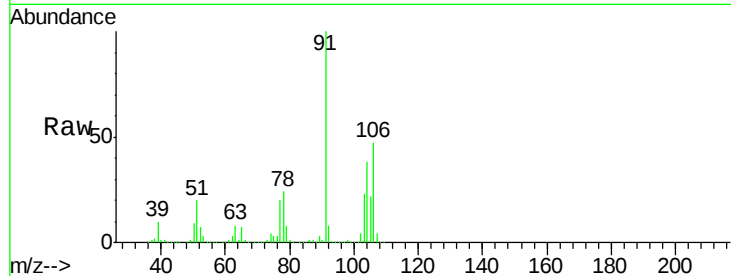




#69
o-Xylene
Concen: 128.719 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

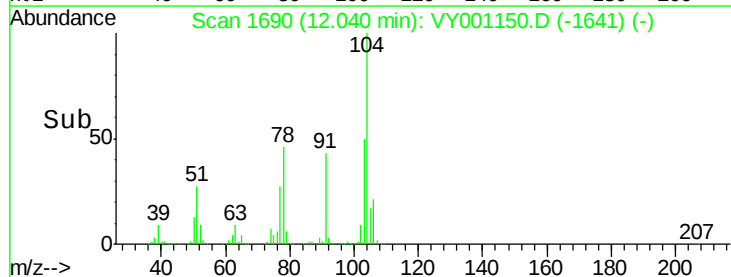
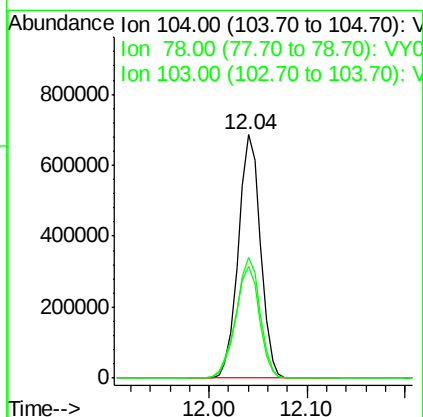
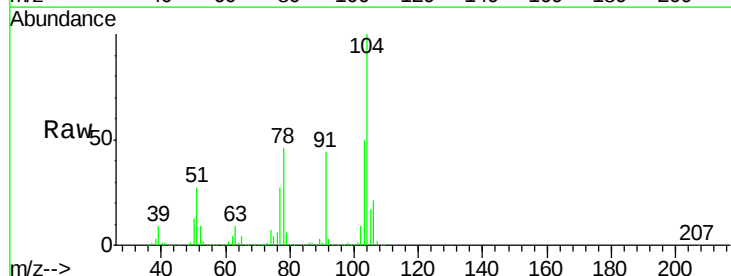
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

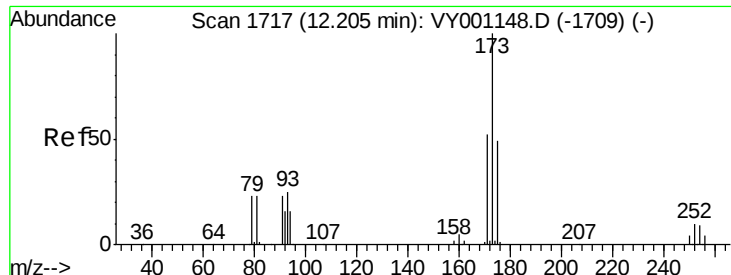
Tgt Ion:106 Resp: 601351
Ion Ratio Lower Upper
106 100
91 213.7 106.3 318.8



#70
Styrene
Concen: 131.590 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion:104 Resp: 1075156
Ion Ratio Lower Upper
104 100
78 50.3 40.5 60.7
103 53.4 42.4 63.6





#71

Bromoform

Concen: 135.283 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

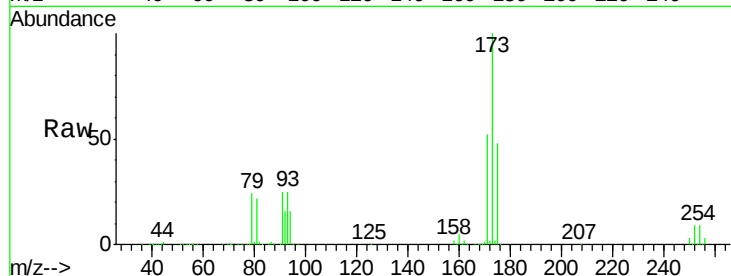
Tgt Ion:173 Resp: 201532

Ion Ratio Lower Upper

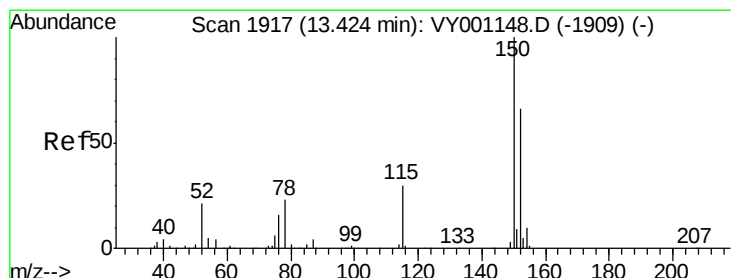
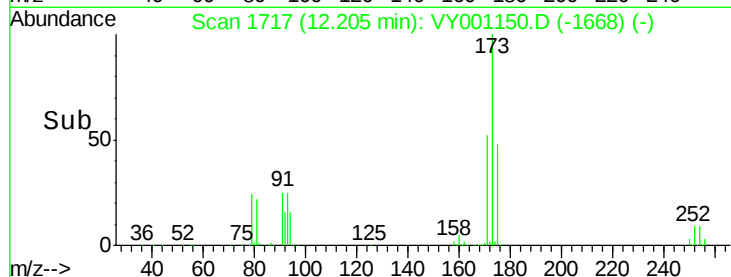
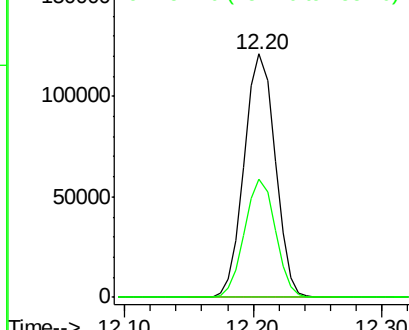
173 100

175 48.4 24.1 72.2

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

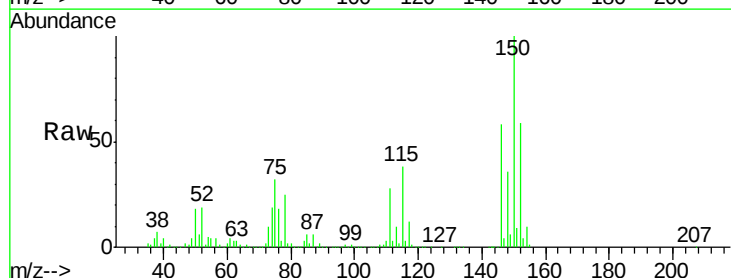
Tgt Ion:152 Resp: 156347

Ion Ratio Lower Upper

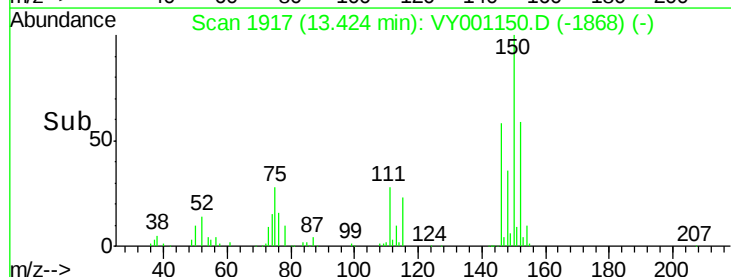
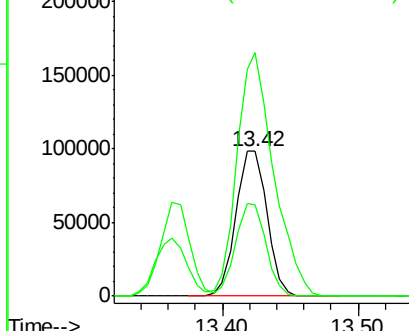
152 100

115 62.1 30.9 92.5

150 198.6 0.0 346.8



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





#73

Isopropylbenzene

Concen: 135.365 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

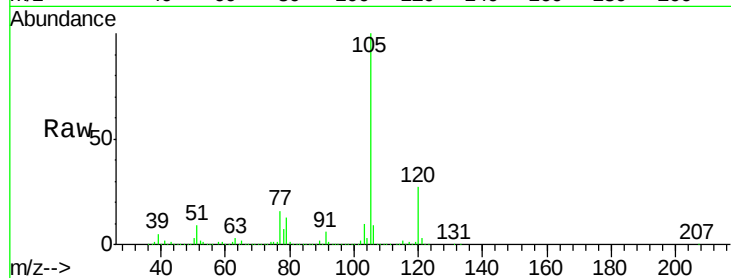
VSTDIC150

Tgt Ion:105 Resp: 1617345

Ion Ratio Lower Upper

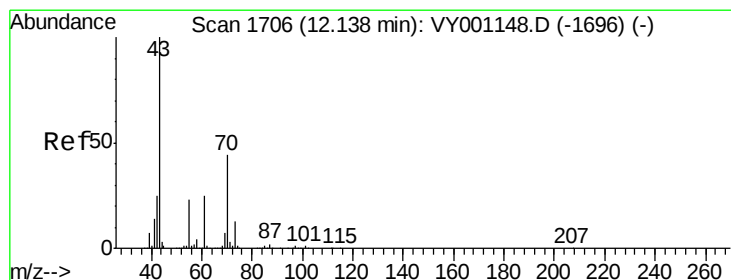
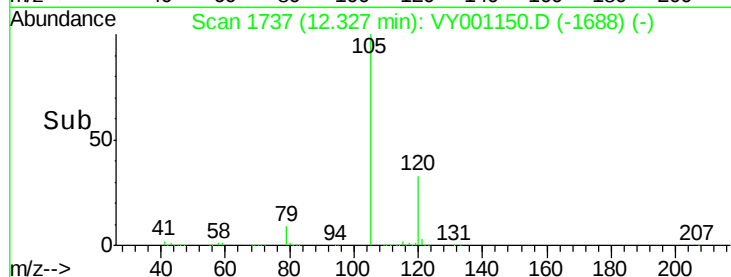
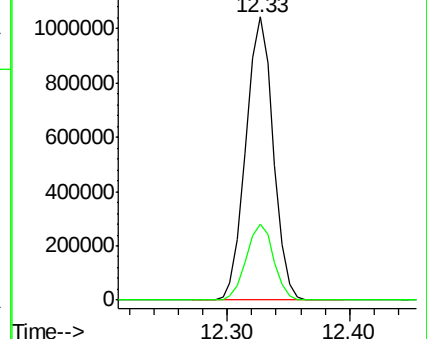
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 140.528 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Tgt Ion: 43 Resp: 520958

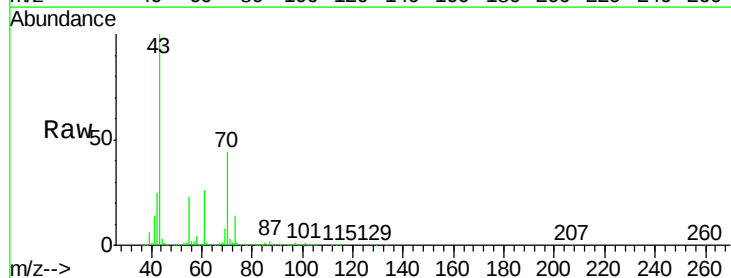
Ion Ratio Lower Upper

43 100

70 45.2 35.0 52.6

55 24.0 18.4 27.6

61 26.3 20.1 30.1

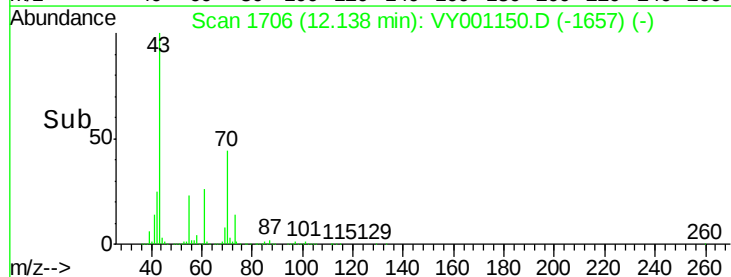
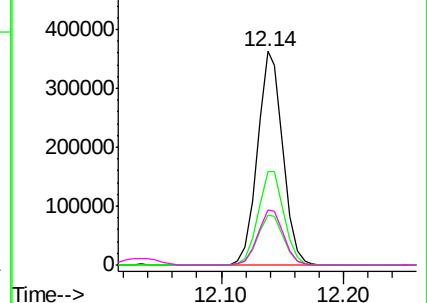


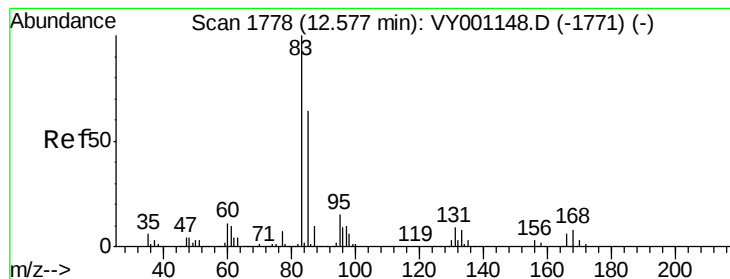
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 137.262 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

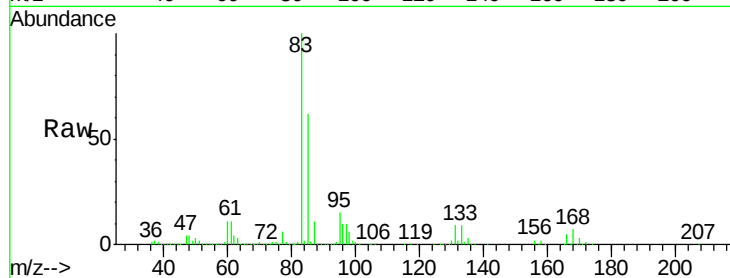
Tgt Ion: 83 Resp: 344309

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY001150.D (-1729) (-)

Ion 130.80 (130.50 to 131.50): VY001150.D (-1729) (-)

Ion 84.90 (84.60 to 85.60): VY001150.D (-1729) (-)

12.58

250000

200000

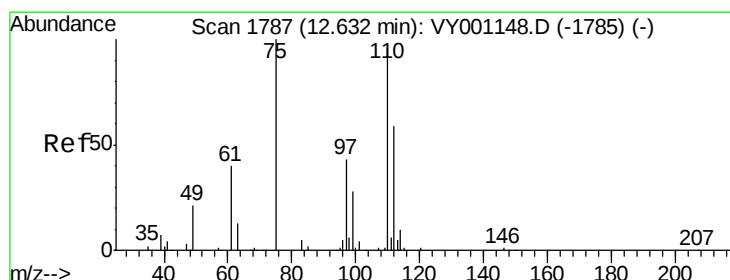
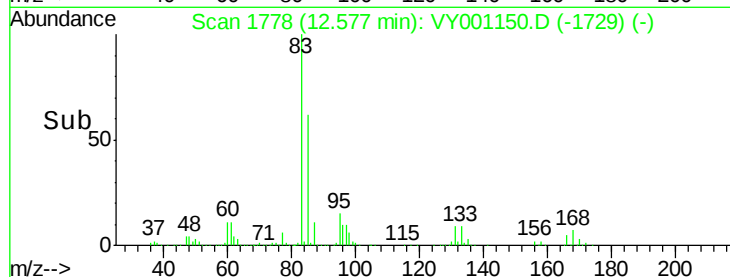
150000

100000

50000

0

Time--> 12.50 12.55 12.60



#76

1,2,3-Trichloropropane

Concen: 269.814 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY001150.D

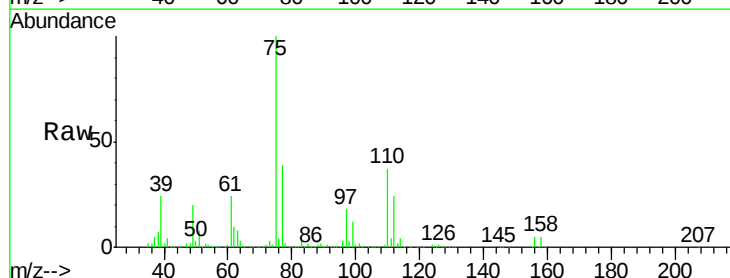
Acq: 10 Jan 2020 15:45

Tgt Ion: 75 Resp: 459612

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001150.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY001150.D (-1738) (-)

500000

400000

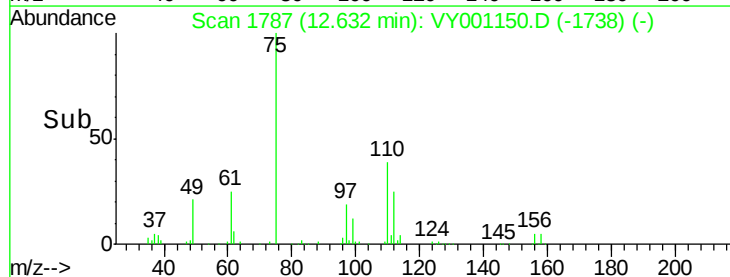
300000

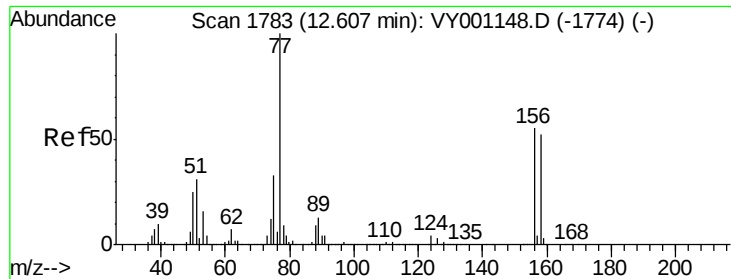
200000

100000

0

Time--> 12.50 12.60 12.70





#77

Bromobenzene

Concen: 131.835 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

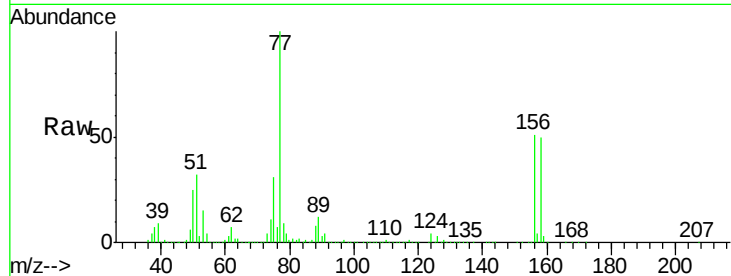
Tgt Ion:156 Resp: 349448

Ion Ratio Lower Upper

156 100

77 220.9 106.7 320.1

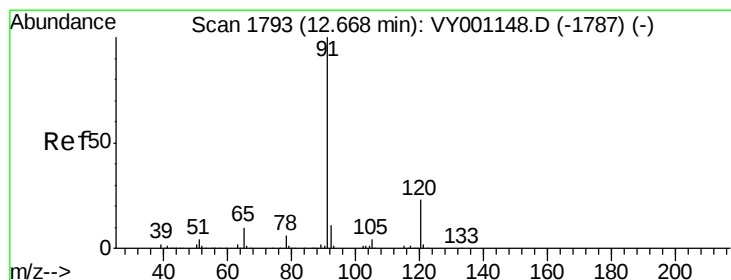
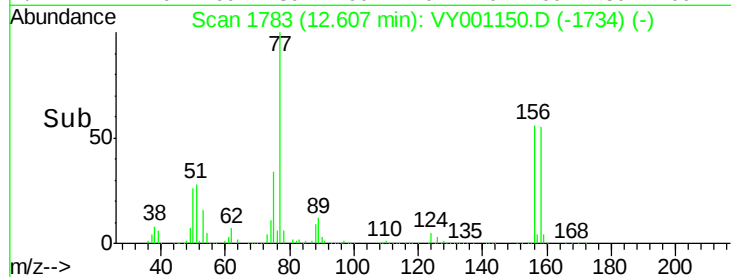
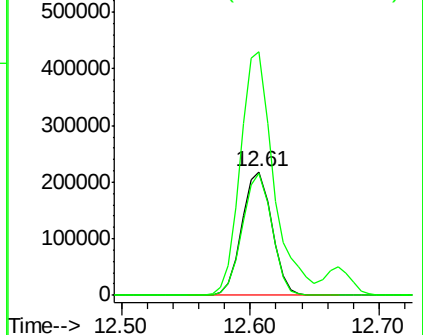
158 96.7 48.3 144.8



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: 133.788 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001150.D

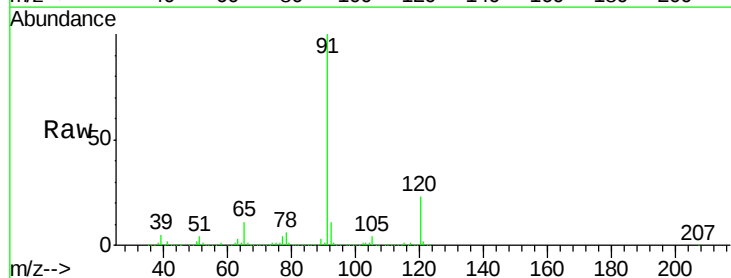
Acq: 10 Jan 2020 15:45

Tgt Ion: 91 Resp: 1926196

Ion Ratio Lower Upper

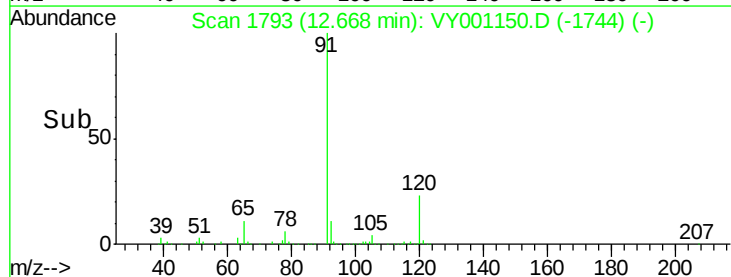
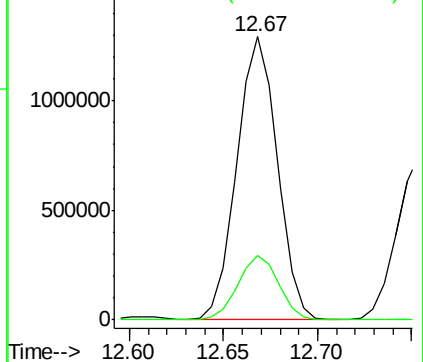
91 100

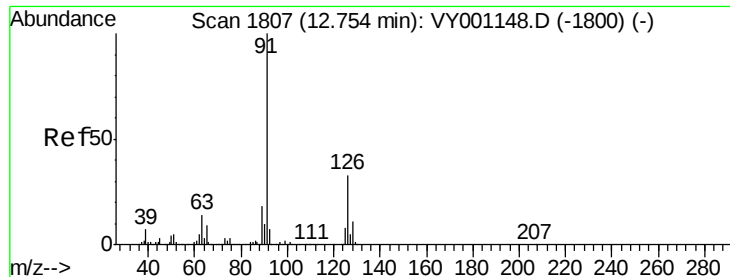
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 137.711 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

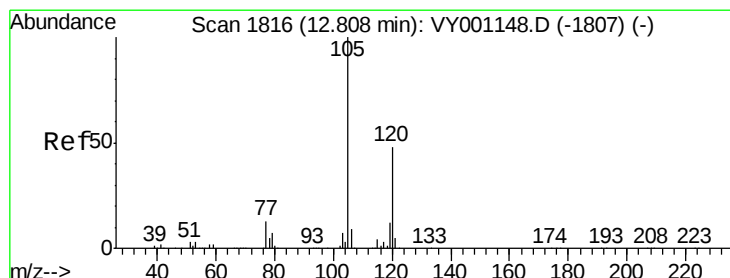
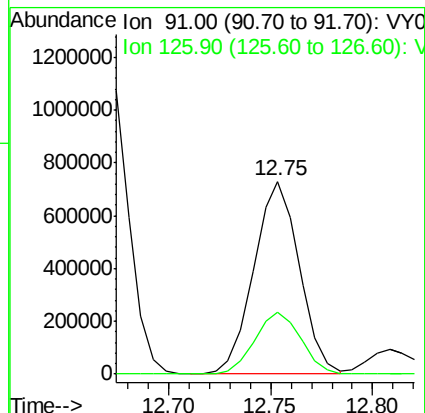
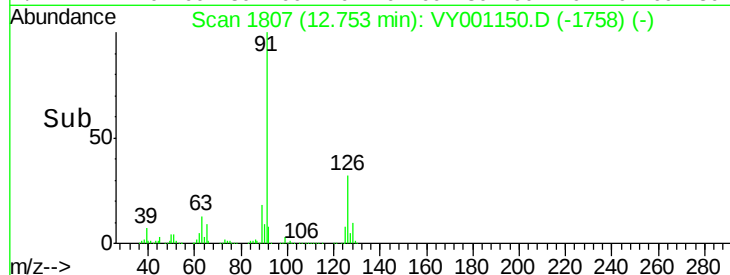
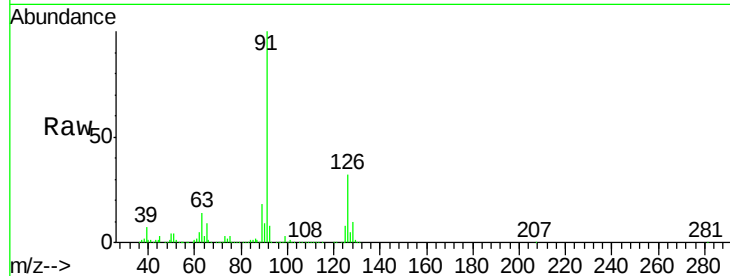
VSTDIC150

Tgt Ion: 91 Resp: 1133620

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 132.896 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001150.D

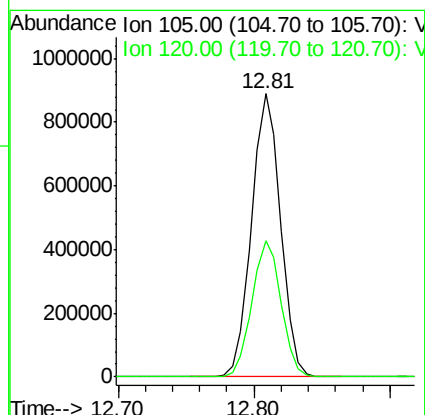
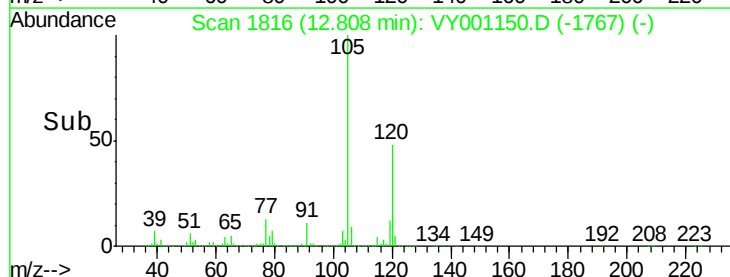
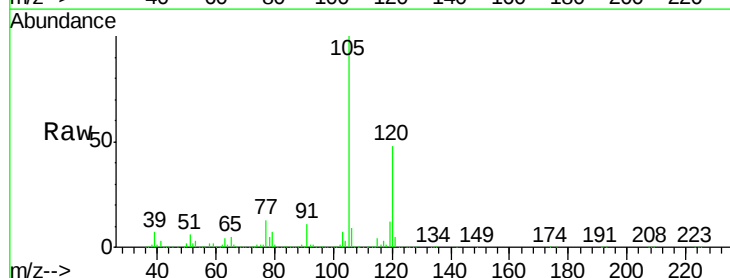
Acq: 10 Jan 2020 15:45

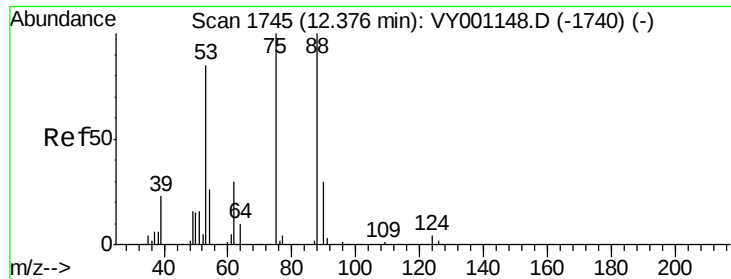
Tgt Ion: 105 Resp: 1328560

Ion Ratio Lower Upper

105 100

120 48.3 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 144.945 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

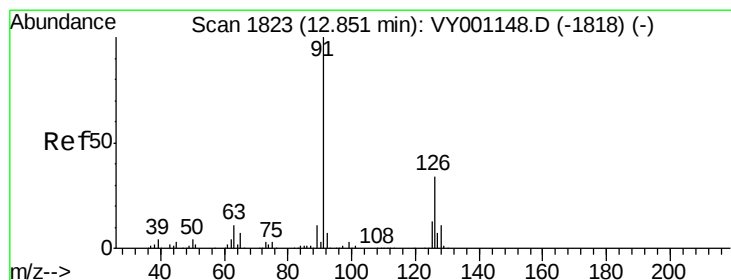
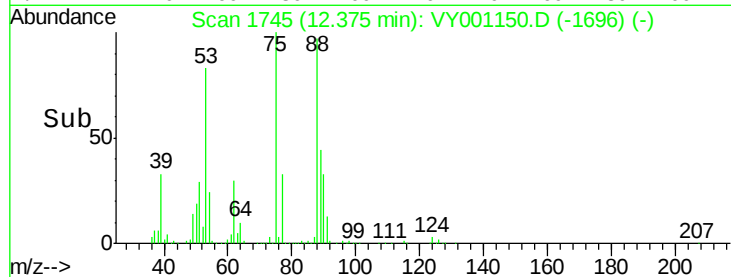
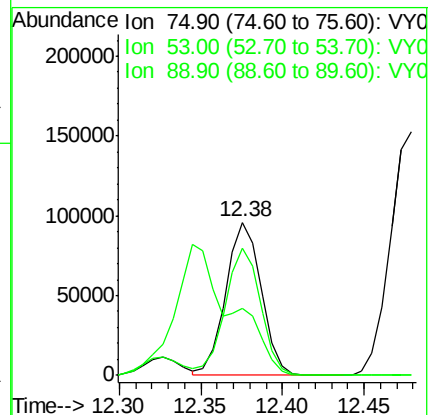
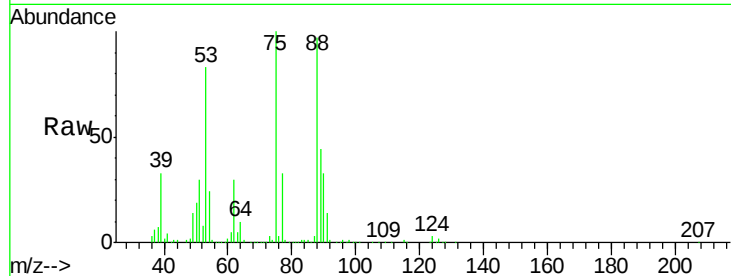
Tgt Ion: 75 Resp: 143866

Ion Ratio Lower Upper

75 100

53 83.6 69.4 104.2

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 136.687 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY001150.D

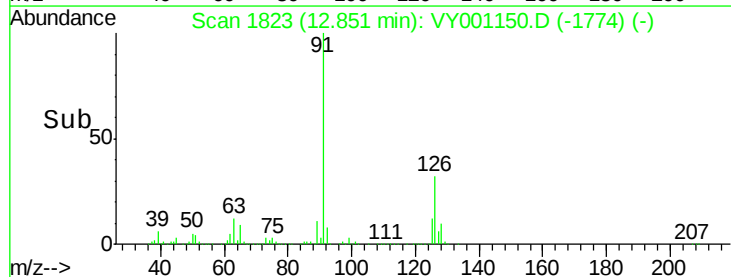
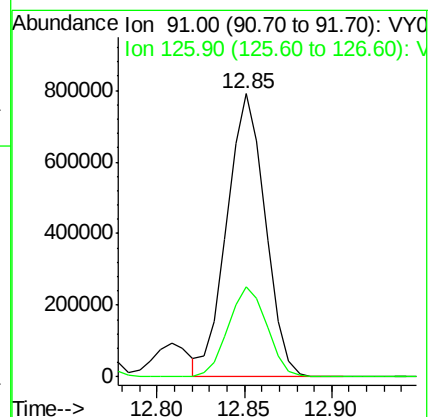
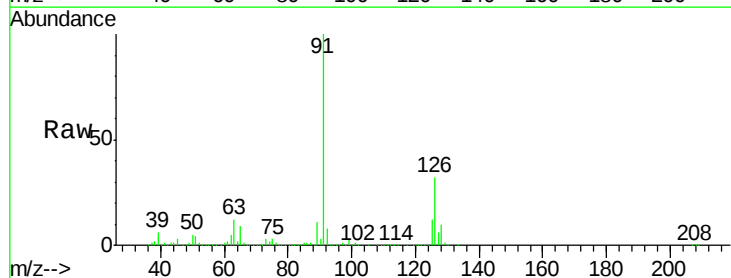
Acq: 10 Jan 2020 15:45

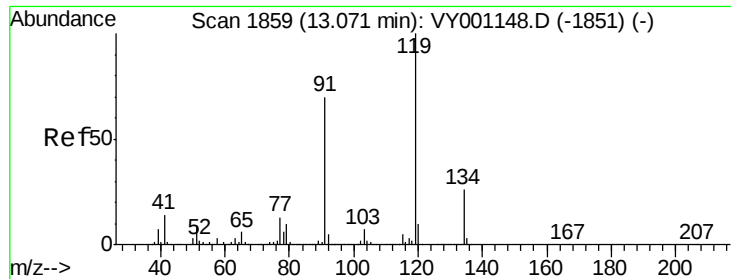
Tgt Ion: 91 Resp: 1202611

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8

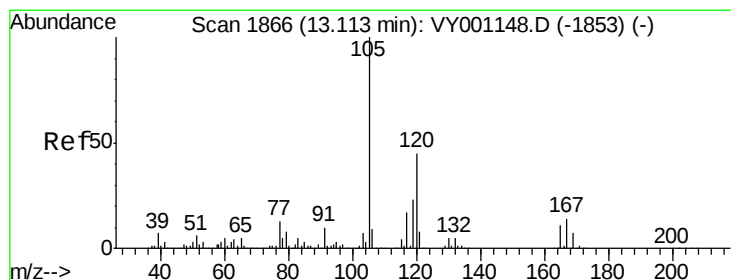
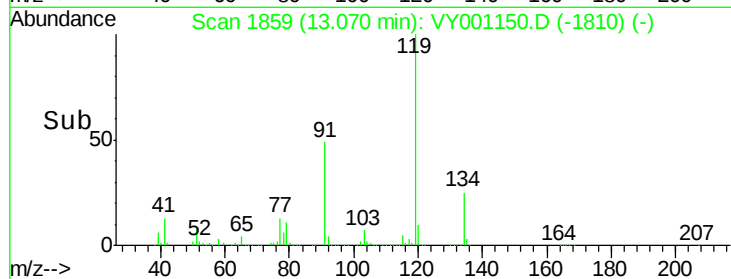
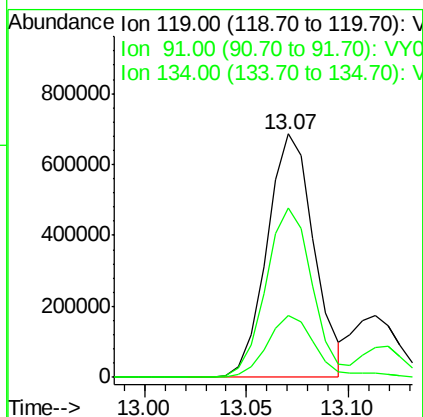
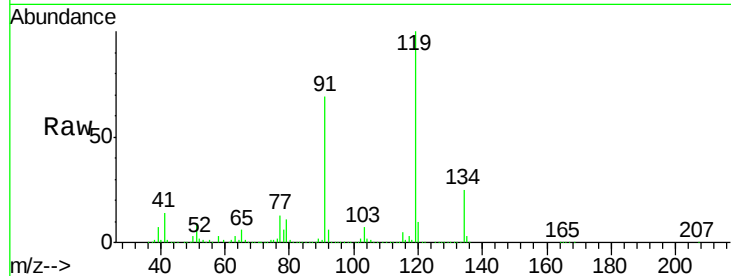




#83
 tert-Butylbenzene
 Concen: 130.709 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

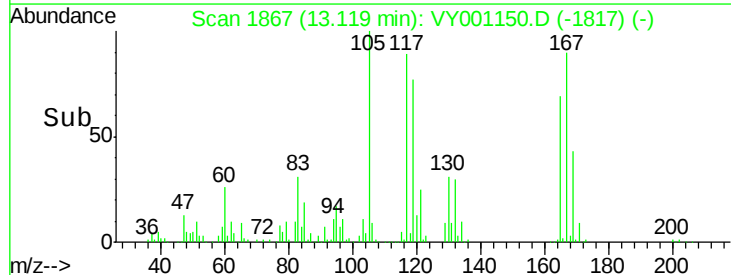
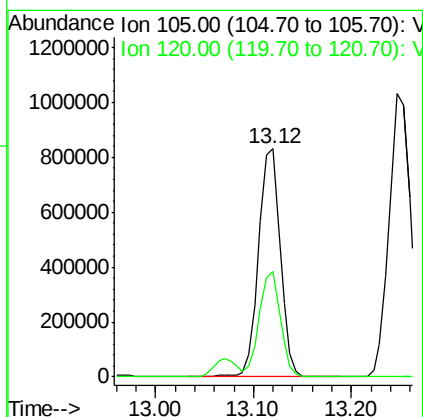
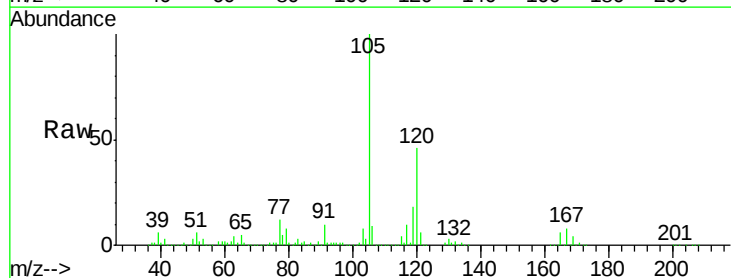
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

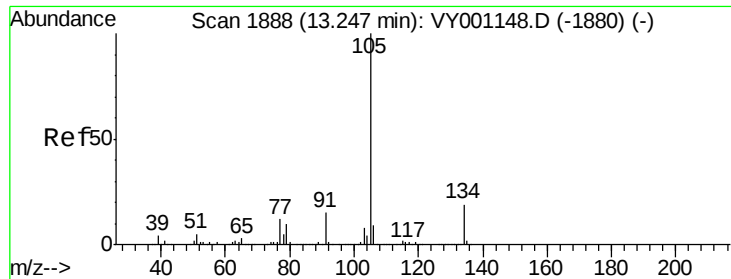
Tgt Ion:119 Resp: 1100701
 Ion Ratio Lower Upper
 119 100
 91 69.4 33.9 101.7
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 130.167 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion:105 Resp: 1296267
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3

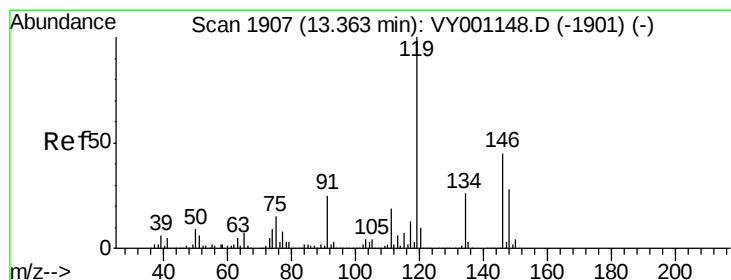
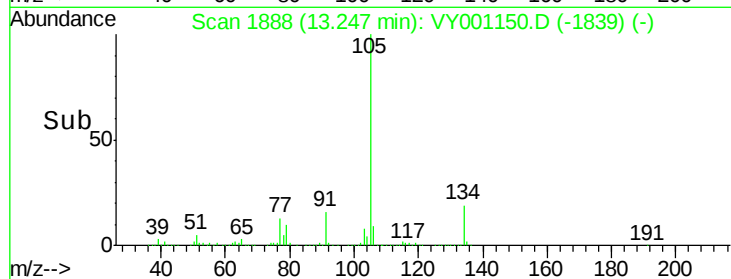
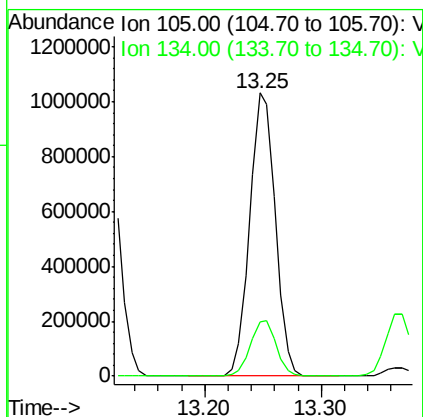
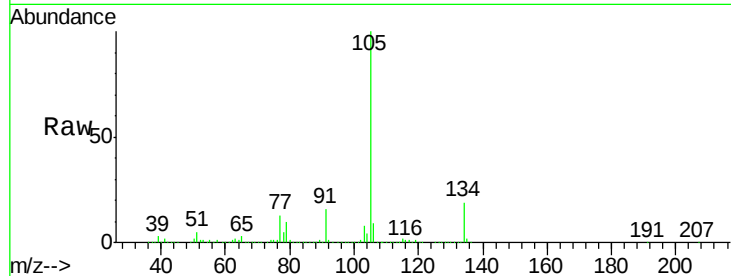




#85
 sec-Butylbenzene
 Concen: 130.711 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

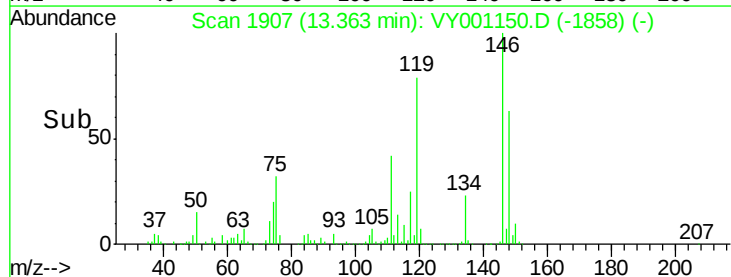
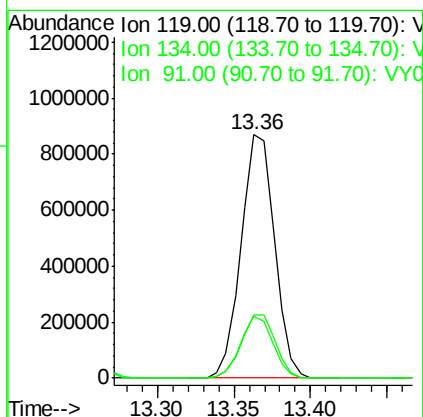
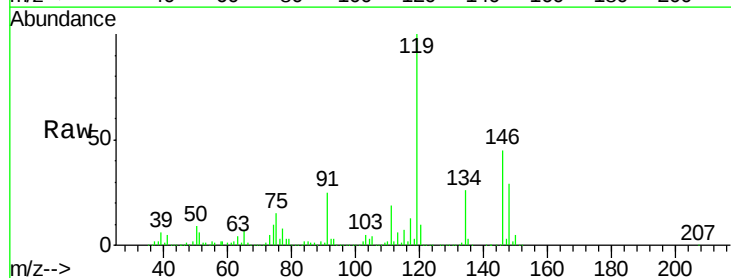
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

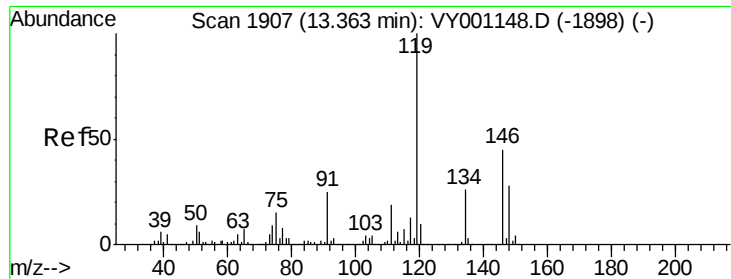
Tgt Ion:105 Resp: 1583499
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 124.683 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion:119 Resp: 1320497
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.7 12.4 37.2

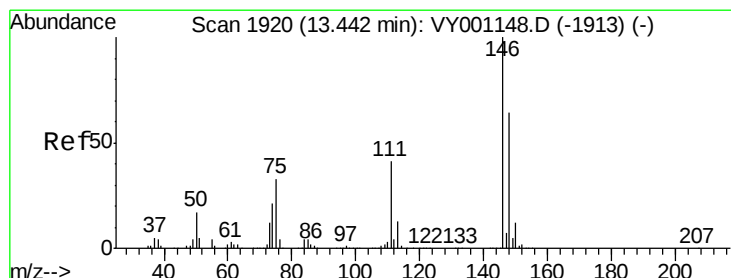
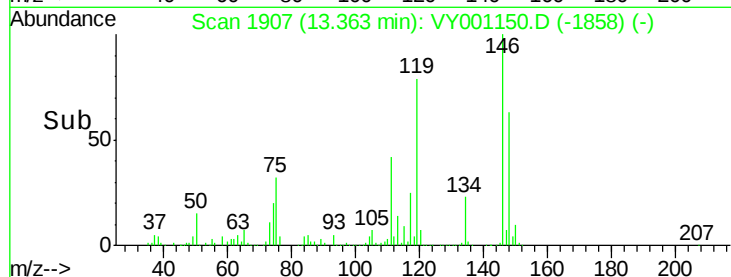
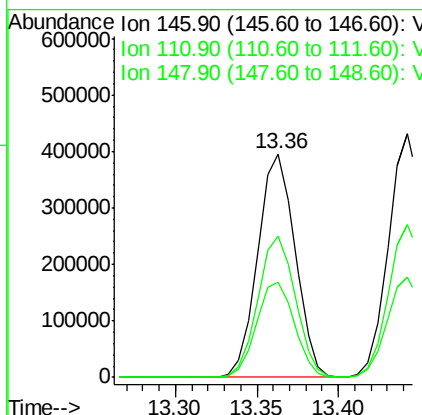
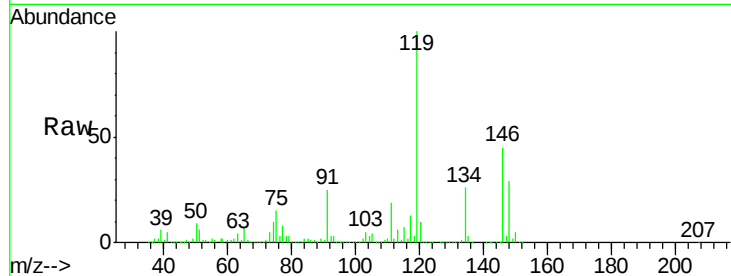




#87
 1,3-Dichlorobenzene
 Concen: 124.374 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

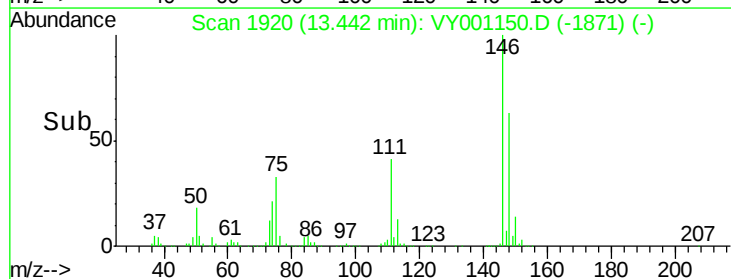
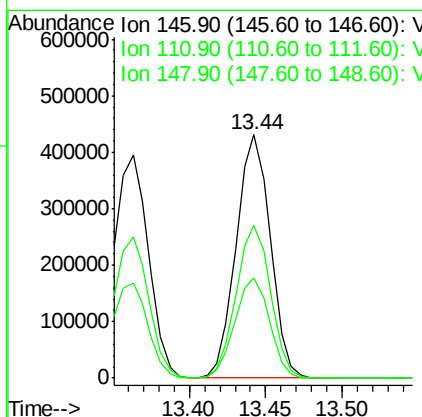
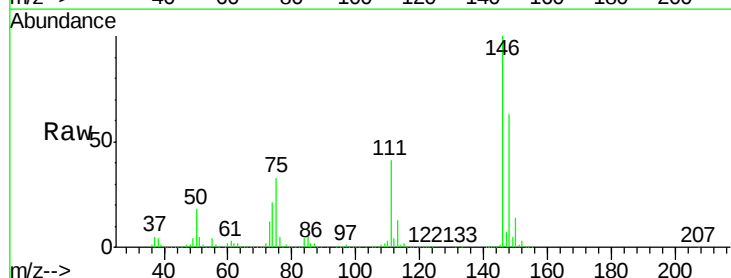
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

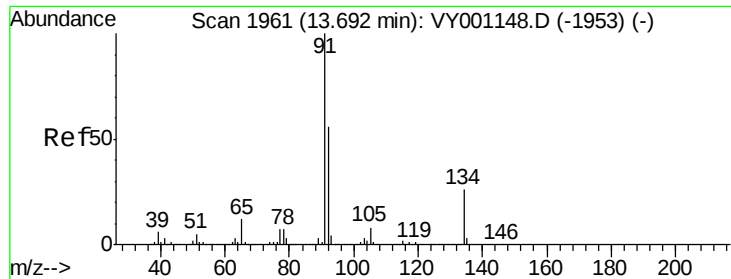
Tgt Ion:146 Resp: 628795
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.3 64.0
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 129.457 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion:146 Resp: 669708
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.1 32.0 96.2

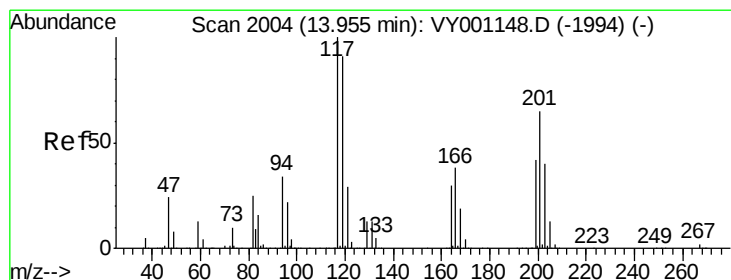
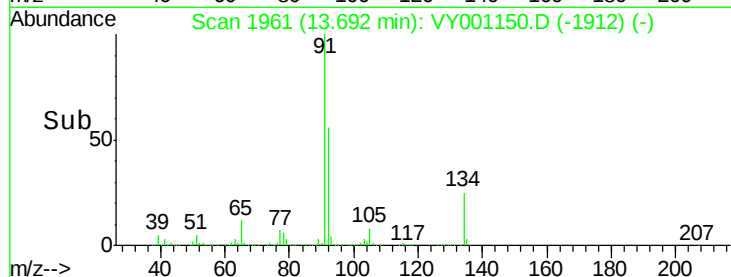
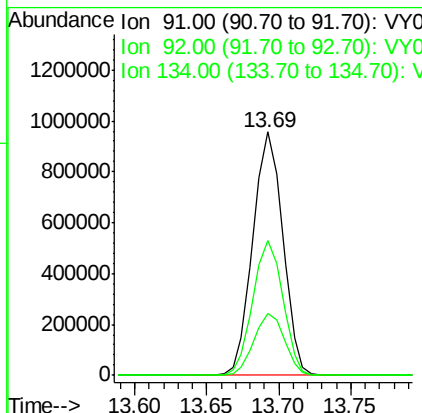
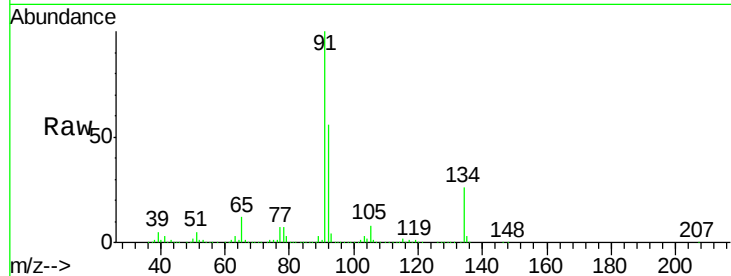




#89
n-Butylbenzene
Concen: 129.860 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

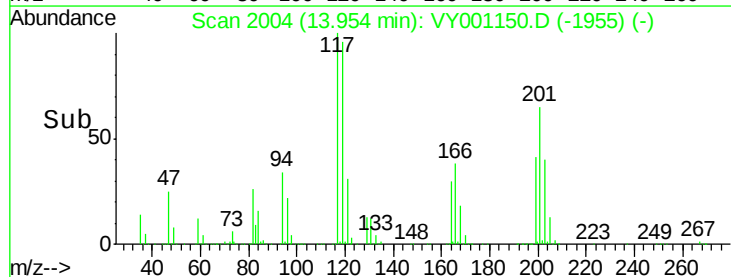
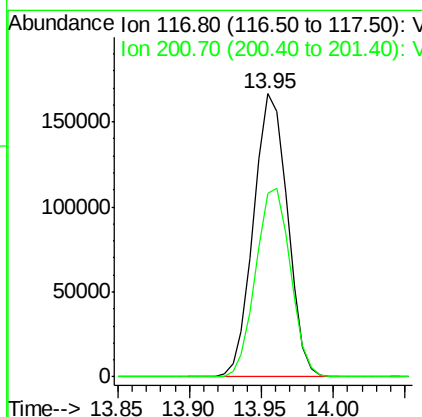
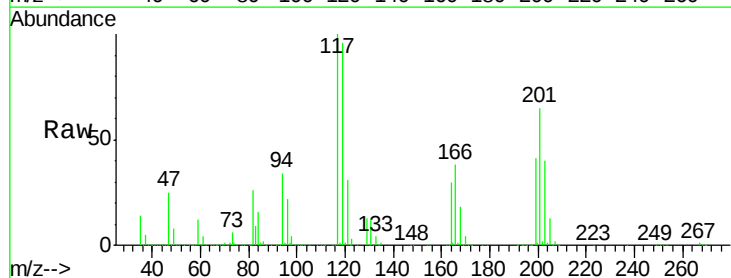
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

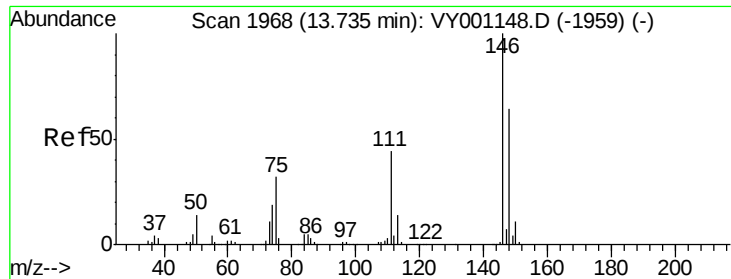
Tgt Ion: 91 Resp: 1377041
Ion Ratio Lower Upper
91 100
92 55.6 27.7 83.1
134 25.8 12.9 38.6



#90
Hexachloroethane
Concen: 132.154 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion: 117 Resp: 271164
Ion Ratio Lower Upper
117 100
201 68.1 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 133.247 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

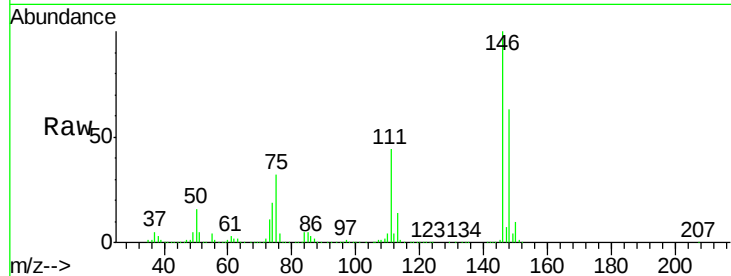
Tgt Ion:146 Resp: 619791

Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

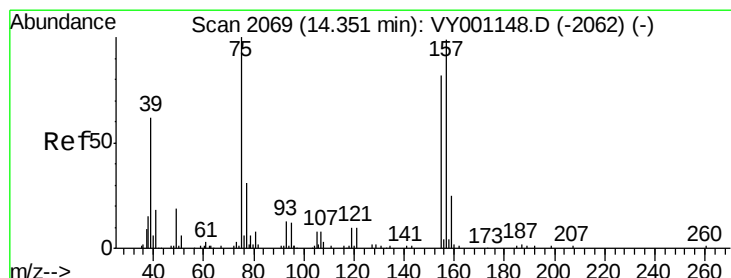
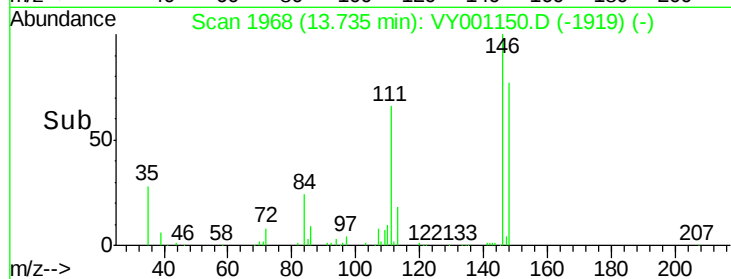
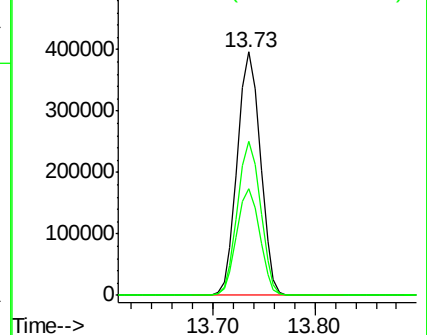
148 63.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 134.425 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VY001150.D

Acq: 10 Jan 2020 15:45

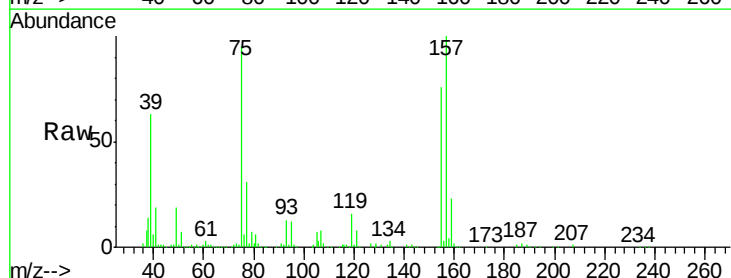
Tgt Ion: 75 Resp: 61020

Ion Ratio Lower Upper

75 100

155 83.9 41.2 123.6

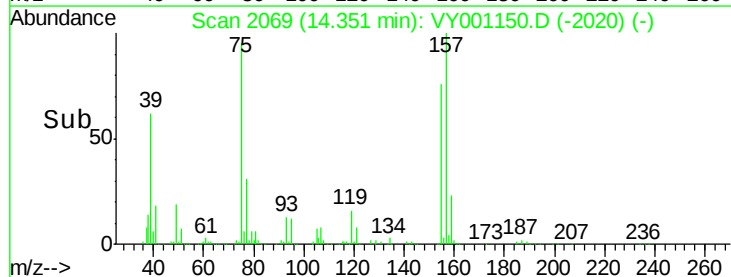
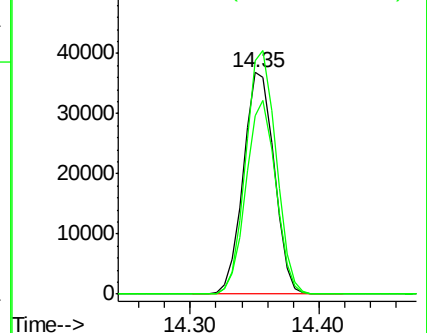
157 107.4 52.8 158.4

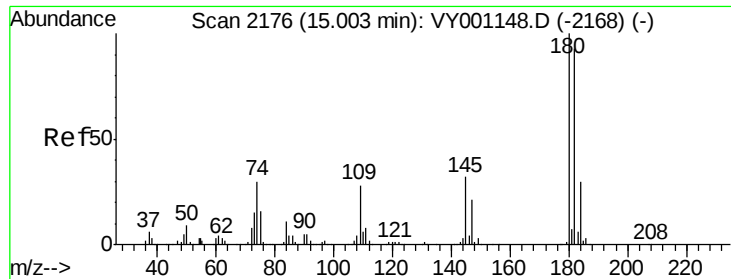


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

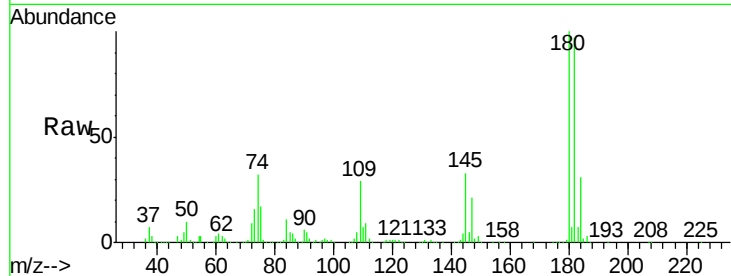




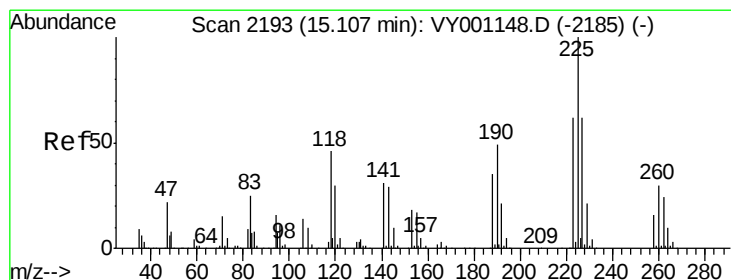
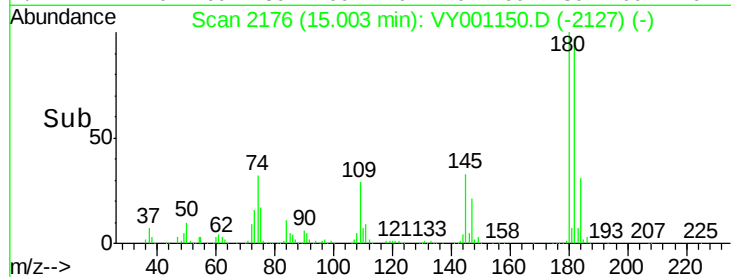
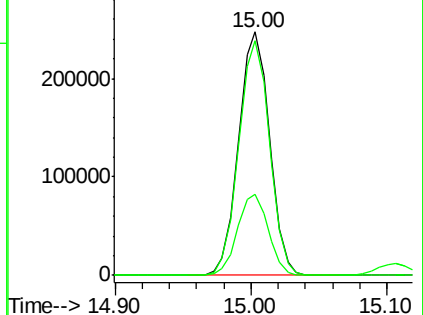
#93
 1,2,4-Trichlorobenzene
 Concen: 126.838 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 391556
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.9 140.8
 145 33.2 16.0 48.0

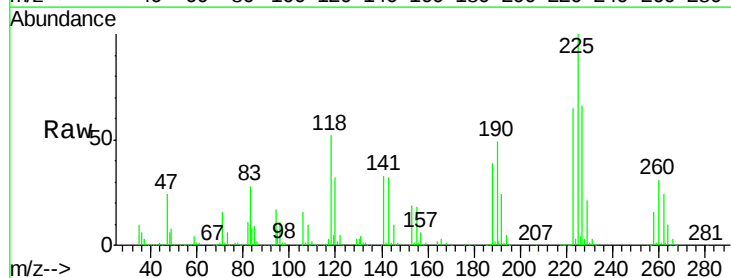


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

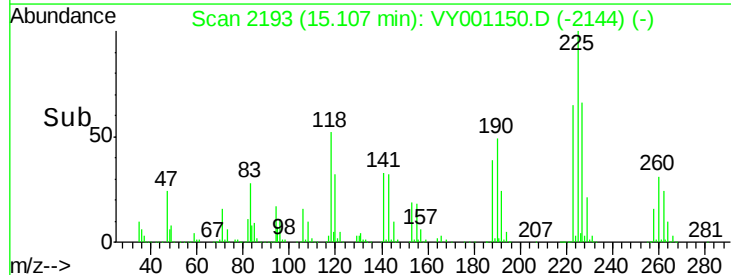
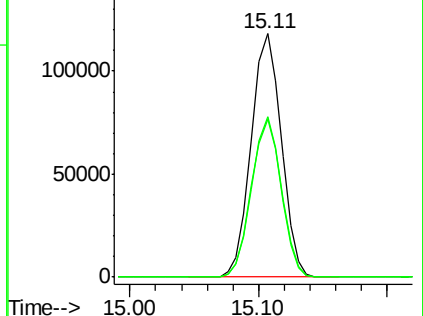


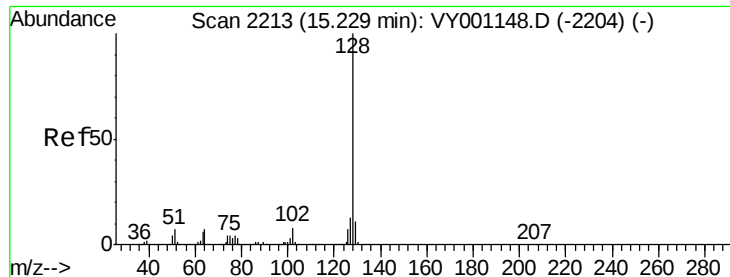
#94
 Hexachlorobutadiene
 Concen: 121.867 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001150.D
 Acq: 10 Jan 2020 15:45

Tgt Ion:225 Resp: 190609
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.1 93.3
 227 64.8 31.3 93.9



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

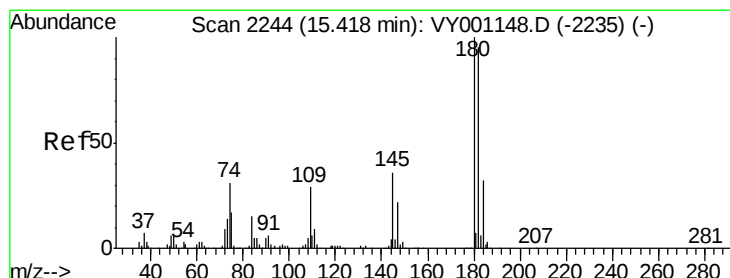
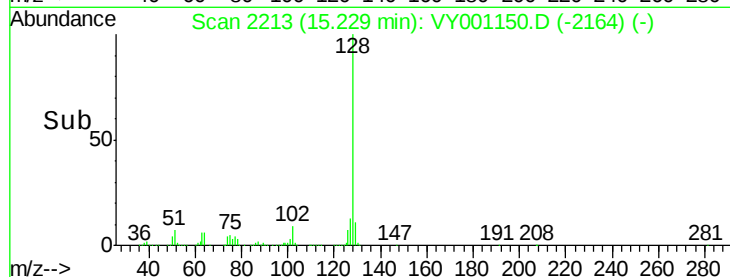
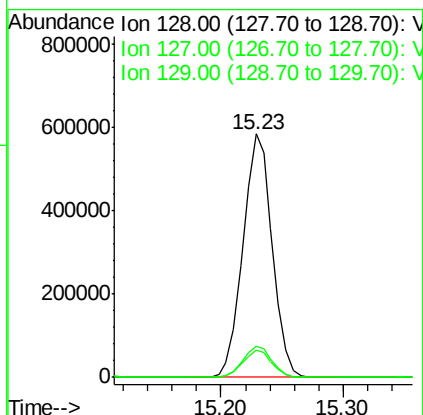
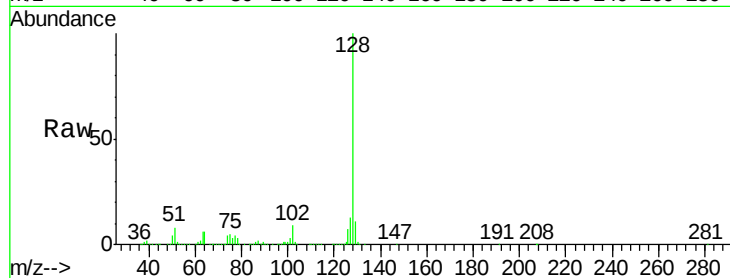




#95
Naphthalene
Concen: 135.097 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 961862
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 130.639 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001150.D
Acq: 10 Jan 2020 15:45

Tgt Ion:180 Resp: 353894
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 35.0 17.1 51.3

