

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
 Data File : VY000813.D
 Acq On : 27 Nov 2019 12:21
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 27 12:39:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	604701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	525213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231798	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	499094	140.29	ug/l	0.00
Spiked Amount			Recovery	=	280.58%	
35) Dibromofluoromethane	7.73	113	484710	138.01	ug/l	0.00
Spiked Amount			Recovery	=	276.02%	
50) Toluene-d8	10.18	98	2048443	153.06	ug/l	0.00
Spiked Amount			Recovery	=	306.12%	
62) 4-Bromofluorobenzene	12.48	95	685424	134.92	ug/l	0.00
Spiked Amount			Recovery	=	269.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	504310	145.938	ug/l	97
3) Chloromethane	2.12	50	613772	130.482	ug/l	100
4) Vinyl Chloride	2.25	62	596787	135.314	ug/l	99
5) Bromomethane	2.63	94	316623	118.487	ug/l	98
6) Chloroethane	2.79	64	365856	131.814	ug/l	99
7) Trichlorofluoromethane	3.12	101	859036	143.313	ug/l	96
8) Diethyl Ether	3.54	74	324456	150.444	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	548350	150.322	ug/l	99
10) Methyl Iodide	4.10	142	772689	178.870	ug/l	98
11) Tert butyl alcohol	4.97	59	237085	650.787	ug/l	99
12) 1,1-Dichloroethene	3.88	96	551113	156.796	ug/l	92
13) Acrolein	3.74	56	236776	751.598	ug/l	99
14) Allyl chloride	4.49	41	919446	157.206	ug/l	97
15) Acrylonitrile	5.18	53	812476	729.114	ug/l	98
16) Acetone	3.96	43	538098	562.870	ug/l	100
17) Carbon Disulfide	4.19	76	1812153	161.087	ug/l	100
18) Methyl Acetate	4.49	43	460067	143.377	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	1414962	142.992	ug/l	98
20) Methylene Chloride	4.72	84	597817	137.496	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	615943	153.559	ug/l	99
22) Diisopropyl ether	6.13	45	1777923	141.043	ug/l	98
23) Vinyl Acetate	6.07	43	5417633	680.702	ug/l	97
24) 1,1-Dichloroethane	6.03	63	1037192	151.415	ug/l	99
25) 2-Butanone	7.00	43	1006165	626.002	ug/l	96
26) 2,2-Dichloropropane	6.99	77	862016	139.884	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	667974	152.110	ug/l	98
28) Bromochloromethane	7.35	49	405266	153.742	ug/l	100
29) Tetrahydrofuran	7.35	42	657991	658.776	ug/l	98
30) Chloroform	7.52	83	993359	144.819	ug/l	98
31) Cyclohexane	7.79	56	1039082	145.028	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	863092	142.693	ug/l	99
36) 1,1-Dichloropropene	7.93	75	832490	143.531	ug/l	100
37) Ethyl Acetate	7.08	43	436904	125.749	ug/l	99
38) Carbon Tetrachloride	7.91	117	754261	137.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1121827	149.723	ug/l	99
40) Benzene	8.17	78	2453314	144.160	ug/l	99
41) Methacrylonitrile	7.35	41	581994	304.055	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	616519	129.385	ug/l	100
43) Isopropyl Acetate	8.28	43	847308	129.943	ug/l	98
44) Trichloroethene	8.94	130	627664	140.388	ug/l	97
45) 1,2-Dichloropropane	9.22	63	609422	144.513	ug/l	99
46) Dibromomethane	9.31	93	320351	139.219	ug/l	99
47) Bromodichloromethane	9.50	83	768860	141.685	ug/l	100
48) Methyl methacrylate	9.30	41	379361	131.992	ug/l	94
49) 1,4-Dioxane	9.30	88	89147	2827.762	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	2150927	624.329	ug/l	99
52) Toluene	10.25	92	1514058	141.027	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	832495	143.175	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	975200	145.836	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	465342	139.532	ug/l	97
56) Ethyl methacrylate	10.51	69	697641	146.748	ug/l	97
57) 1,3-Dichloropropane	10.79	76	811648	139.165	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1287270	624.316	ug/l	100
59) 2-Hexanone	10.83	43	1572232	623.278	ug/l	98
60) Dibromochloromethane	10.99	129	520190	137.589	ug/l	99
61) 1,2-Dibromoethane	11.09	107	443108	138.547	ug/l	99
64) Tetrachloroethene	10.72	164	602356	137.142	ug/l	97
65) Chlorobenzene	11.52	112	1527849	141.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	521661	140.711	ug/l	99
67) Ethyl Benzene	11.59	91	2862581	144.730	ug/l	99
68) m/p-Xylenes	11.70	106	2133182	280.627	ug/l	100
69) o-Xylene	12.03	106	1005468	140.058	ug/l	99
70) Styrene	12.04	104	1736105	141.531	ug/l	99
71) Bromoform	12.20	173	302610	141.754	ug/l #	100
73) Isopropylbenzene	12.33	105	2711758	155.321	ug/l	99
74) N-amyl acetate	12.14	43	716388	143.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	524587	149.983	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	716205	275.041	ug/l #	100
77) Bromobenzene	12.61	156	581568	147.321	ug/l	99
78) n-propylbenzene	12.67	91	3285110	155.712	ug/l	100
79) 2-Chlorotoluene	12.75	91	1799867	153.729	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2204472	152.072	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	205259	166.771	ug/l	97
82) 4-Chlorotoluene	12.85	91	1856628	153.628	ug/l	99
83) tert-Butylbenzene	13.07	119	1880525	152.098	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	2166662	150.313	ug/l	99
85) sec-Butylbenzene	13.25	105	2679122	152.289	ug/l	100
86) p-Isopropyltoluene	13.37	119	2302070	147.032	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1082836	140.994	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	1094868	142.534	ug/l	100
89) n-Butylbenzene	13.69	91	2353278	151.846	ug/l	99
90) Hexachloroethane	13.96	117	451550	155.448	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	995053	142.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	84969	138.609	ug/l	100

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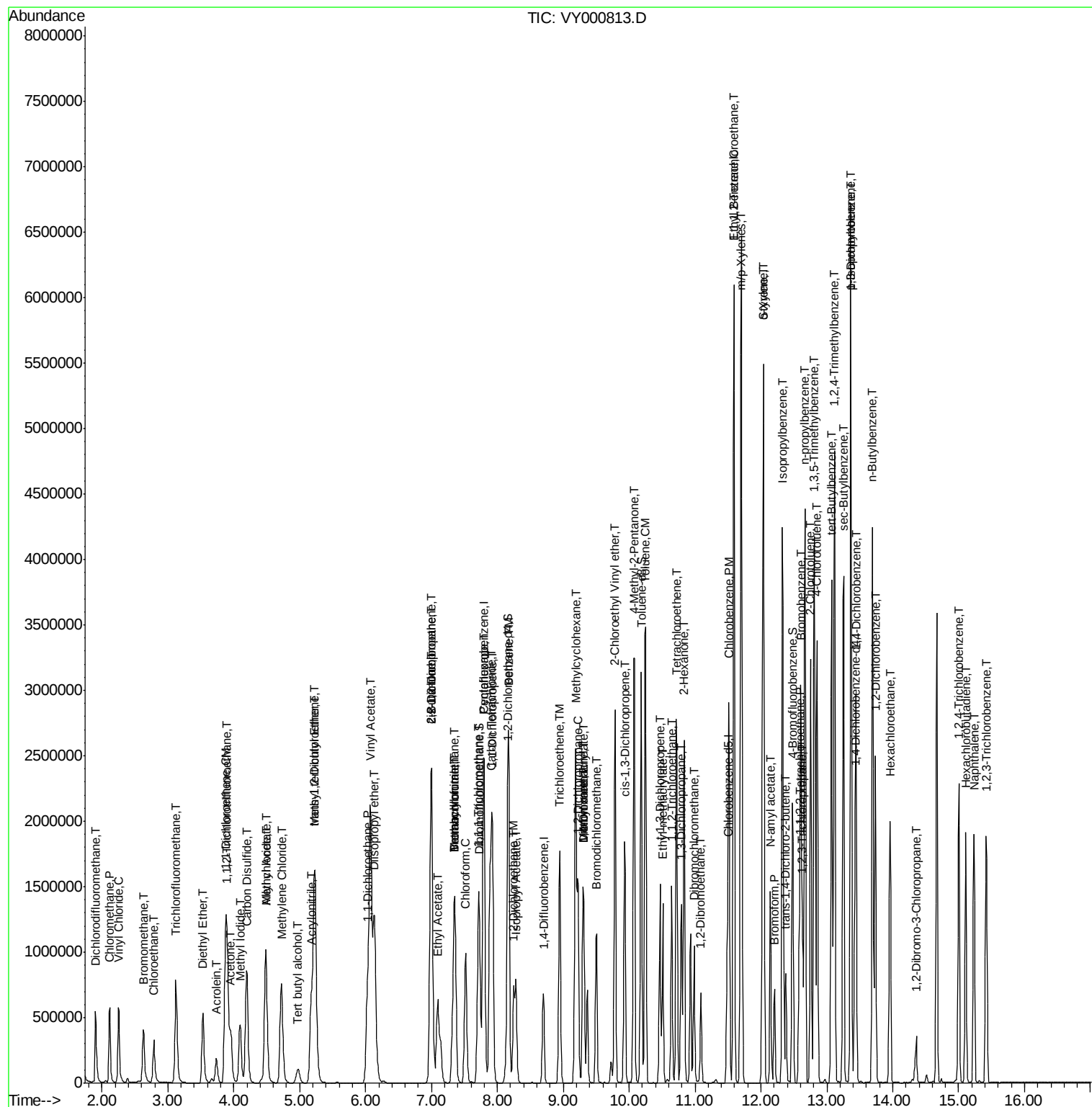
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	666453	139.730	ug/l	99
94) Hexachlorobutadiene	15.11	225	318487	131.917	ug/l	98
95) Naphthalene	15.23	128	1575389	147.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	591525	139.310	ug/l	100

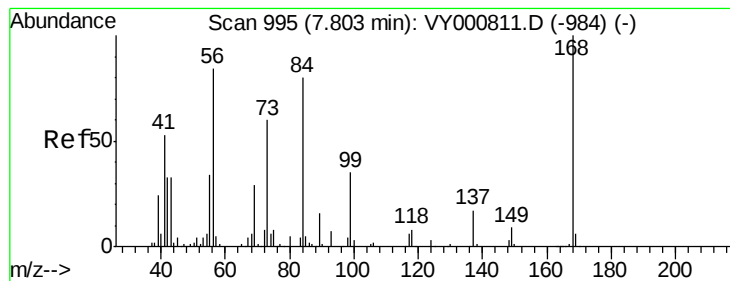
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

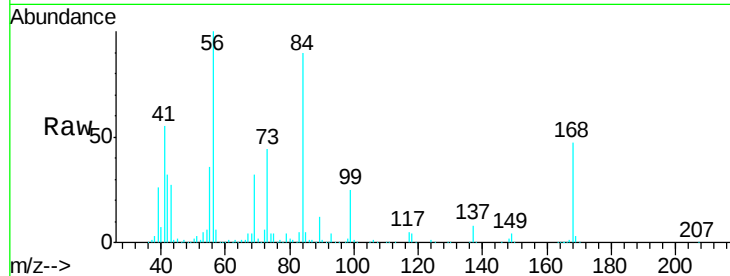
VSTDIC150

Tgt Ion:168 Resp: 347891

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

250000

200000

150000

100000

50000

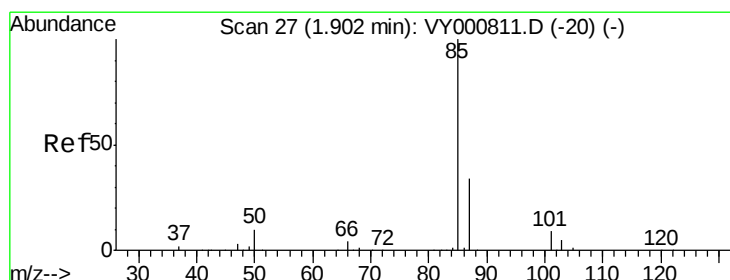
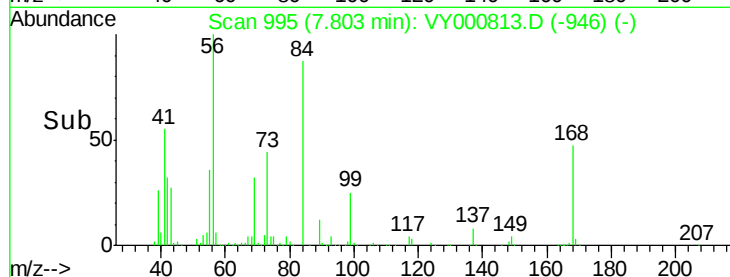
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 145.938 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000813.D

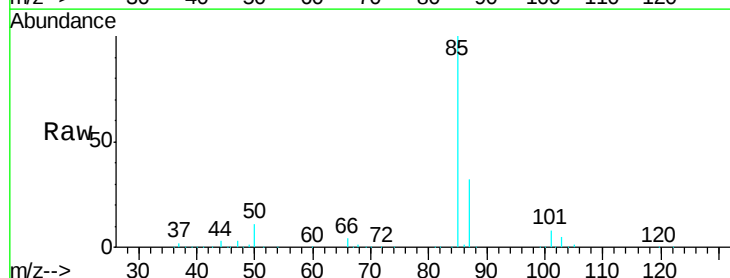
Acq: 27 Nov 2019 12:21

Tgt Ion: 85 Resp: 504310

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

300000

200000

100000

0

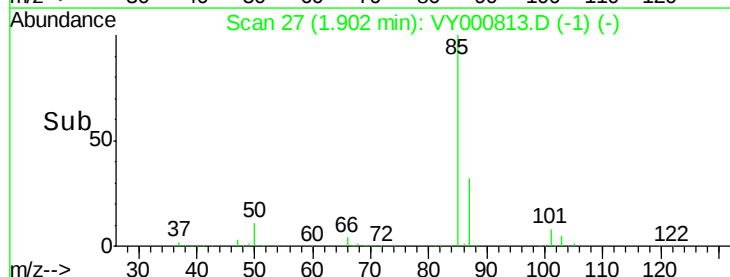
1.80

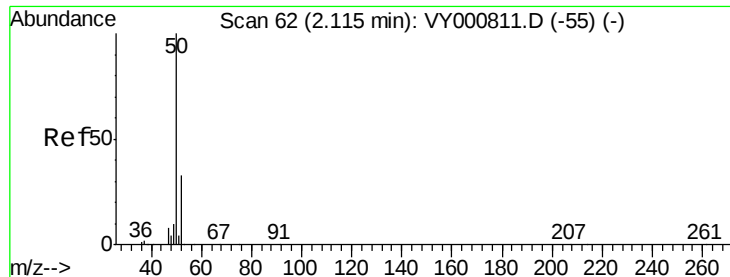
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 130.482 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

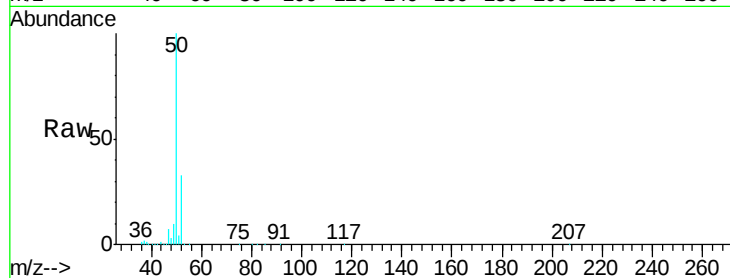
VSTDIC150

Tgt Ion: 50 Resp: 613772

Ion Ratio Lower Upper

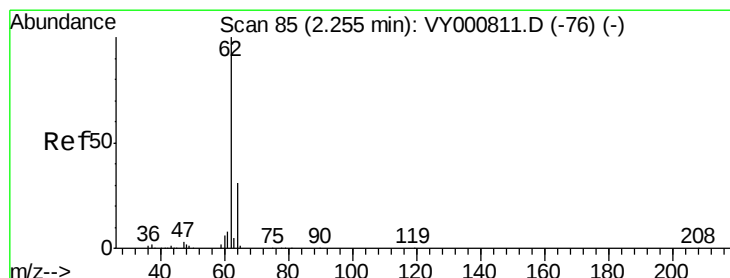
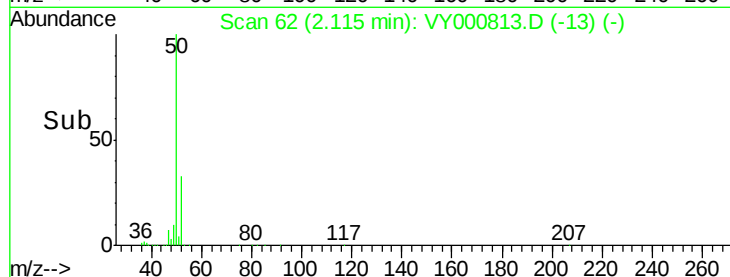
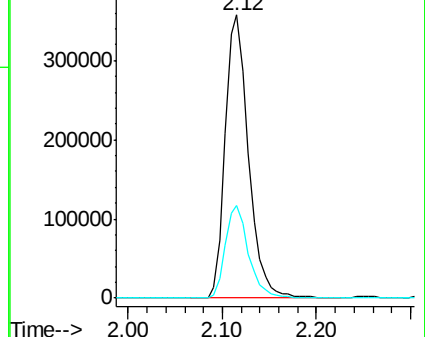
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY000813.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000813.D (-13) (-)



#4

Vinyl Chloride

Concen: 135.314 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000813.D

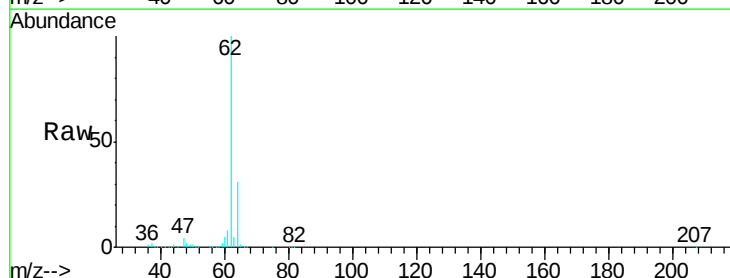
Acq: 27 Nov 2019 12:21

Tgt Ion: 62 Resp: 596787

Ion Ratio Lower Upper

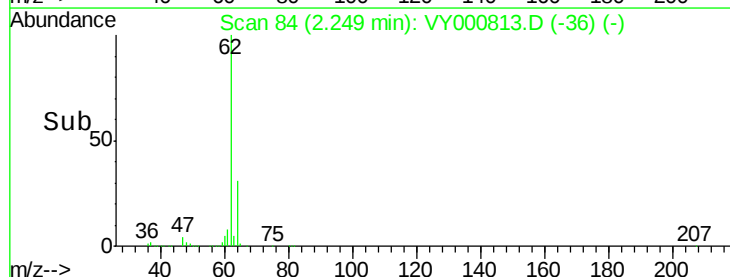
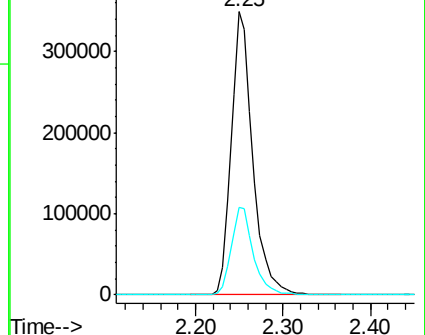
62 100

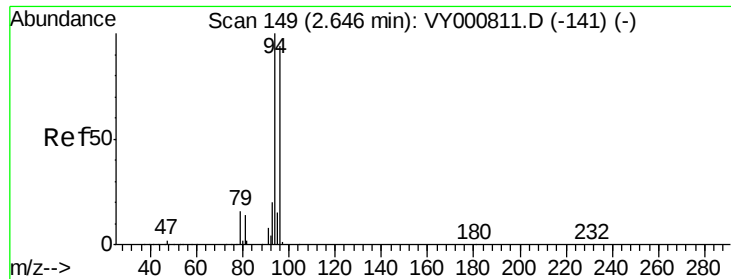
64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY000813.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VY000813.D (-36) (-)





#5

Bromomethane

Concen: 118.487 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

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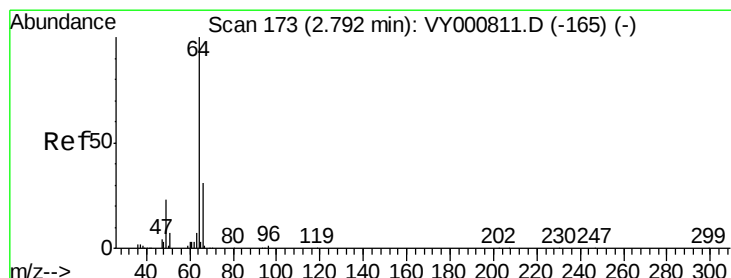
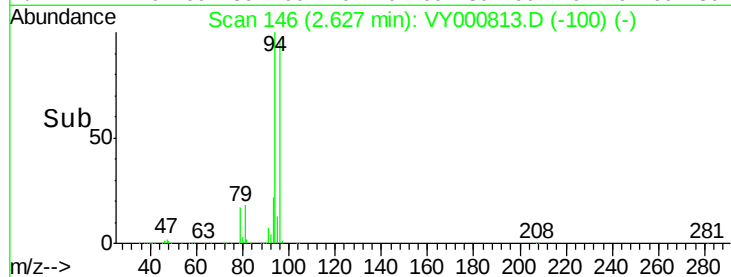
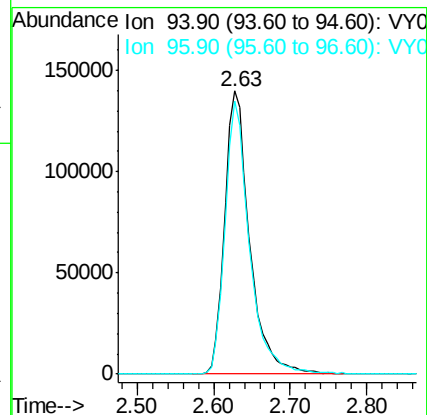
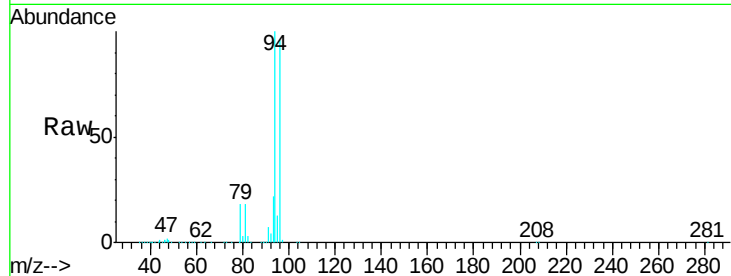
VSTDIC150

Tgt Ion: 94 Resp: 316623

Ion Ratio Lower Upper

94 100

96 96.4 75.2 112.8



#6

Chloroethane

Concen: 131.814 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000813.D

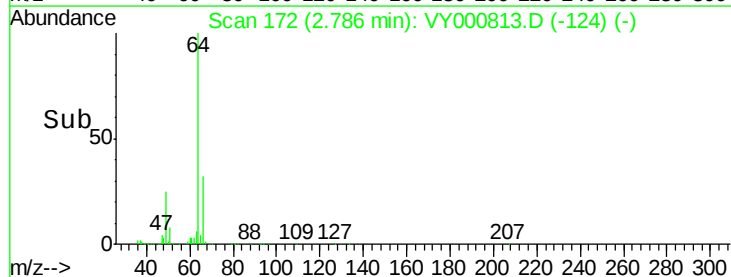
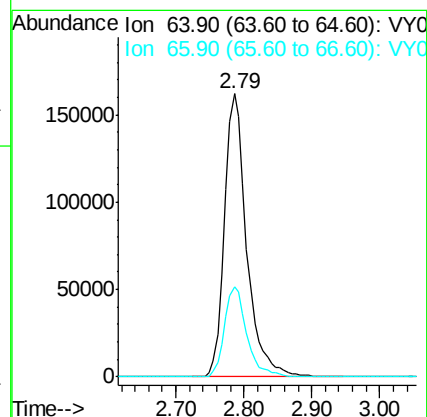
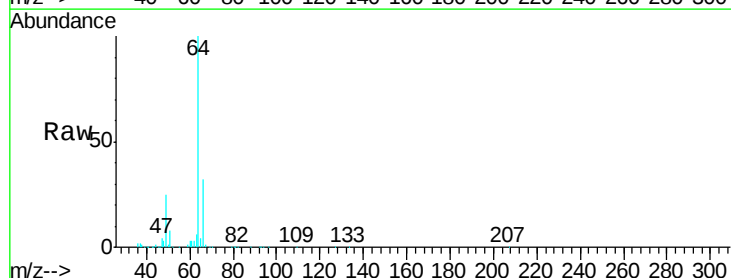
Acq: 27 Nov 2019 12:21

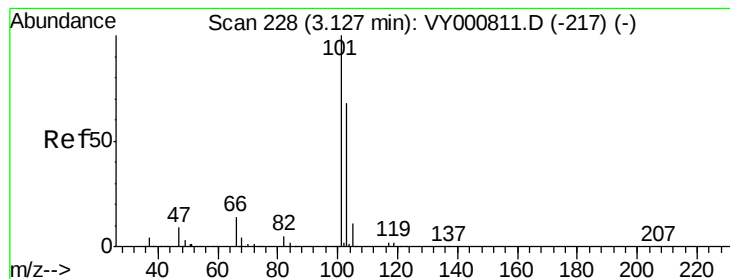
Tgt Ion: 64 Resp: 365856

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.4



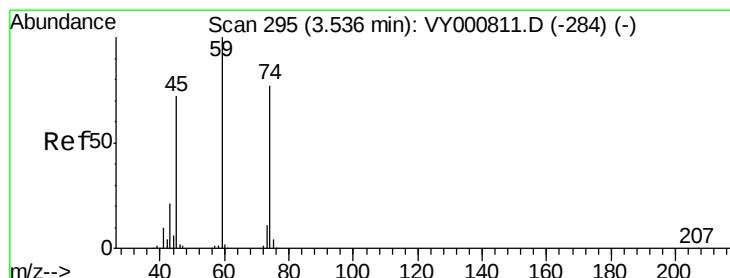
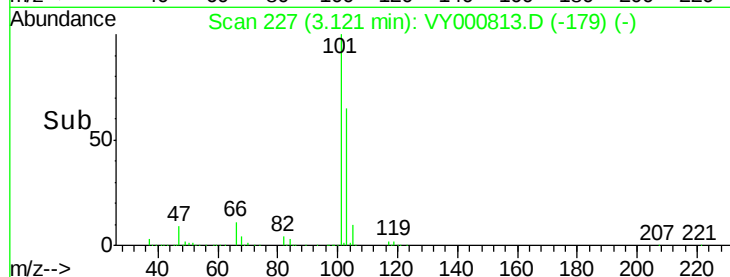
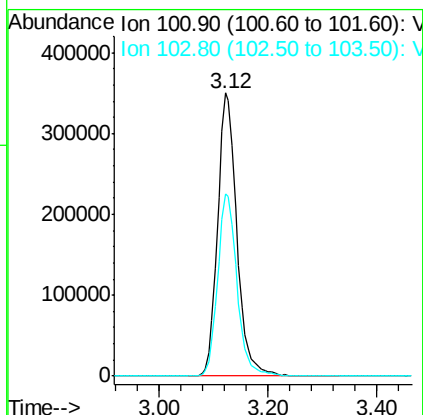
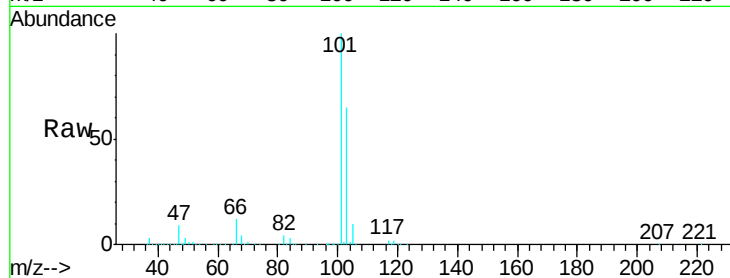


#7

Trichlorofluoromethane
 Concen: 143.313 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000813.D
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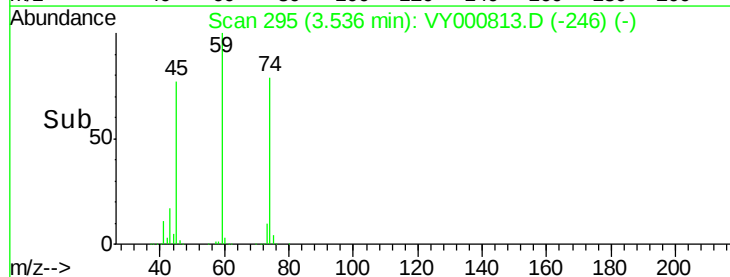
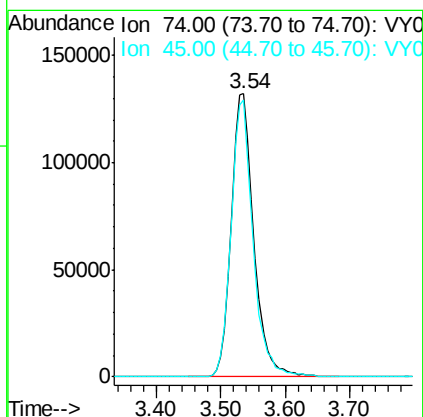
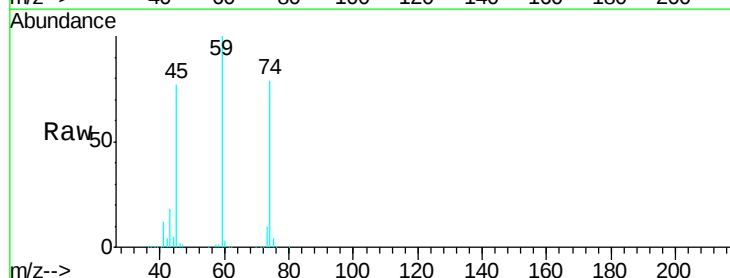
Tgt Ion: 101 Resp: 859036
 Ion Ratio Lower Upper
 101 100
 103 64.6 54.2 81.2

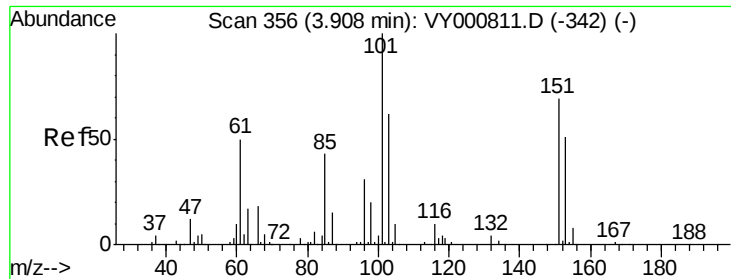


#8

Diethyl Ether
 Concen: 150.444 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 74 Resp: 324456
 Ion Ratio Lower Upper
 74 100
 45 95.5 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 150.322 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

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VSTDIC150

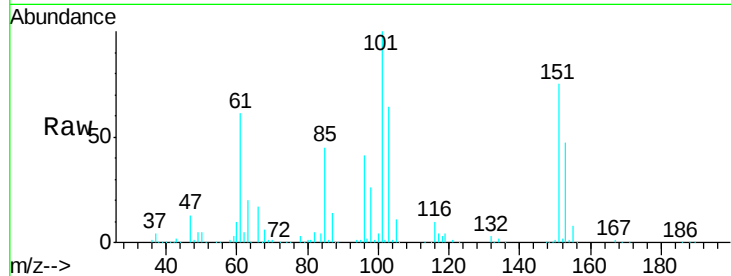
Tgt Ion:101 Resp: 548350

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

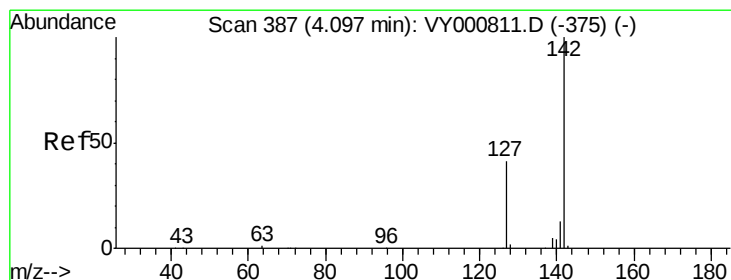
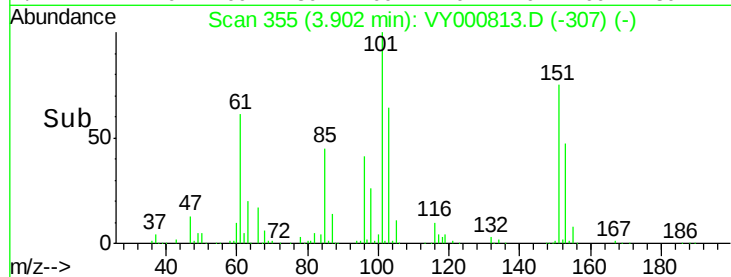
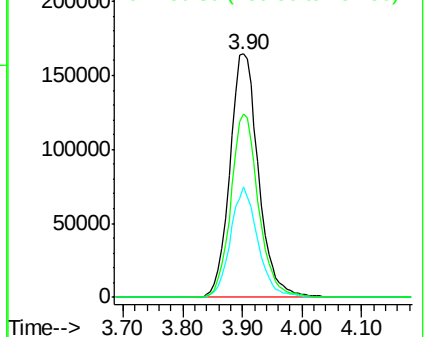
151 72.9 58.2 87.2



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: 178.870 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

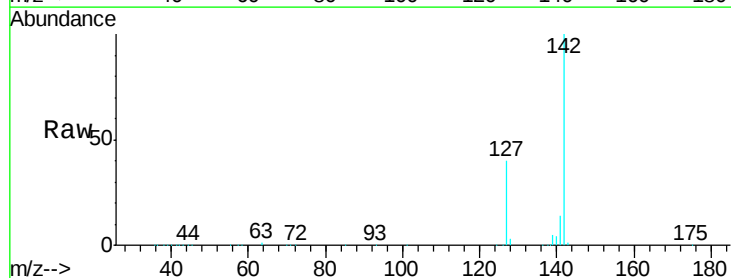
Tgt Ion:142 Resp: 772689

Ion Ratio Lower Upper

142 100

127 40.5 33.8 50.8

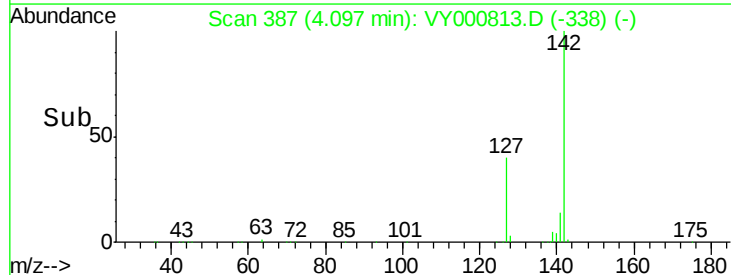
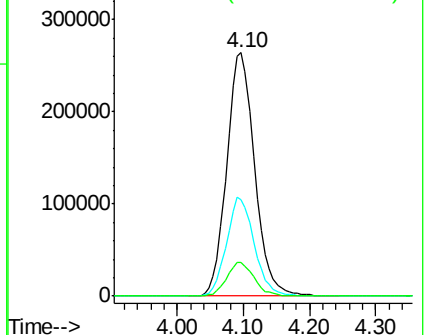
141 13.7 10.9 16.3

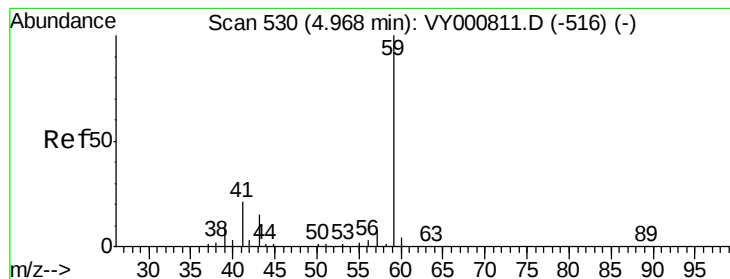


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



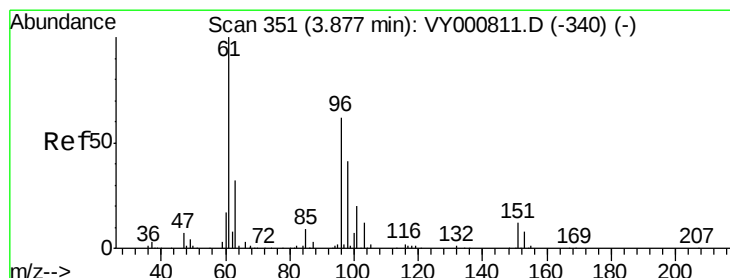
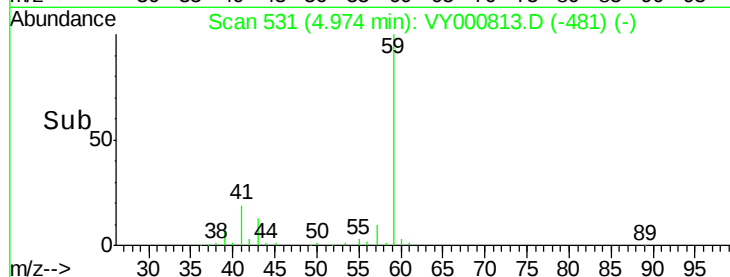
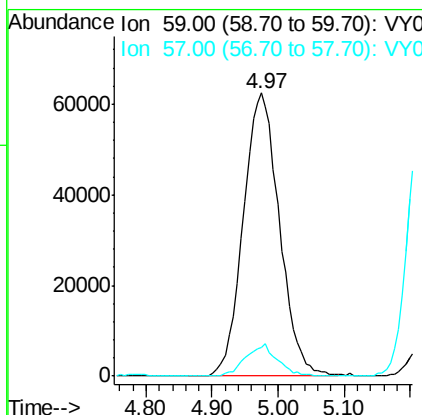
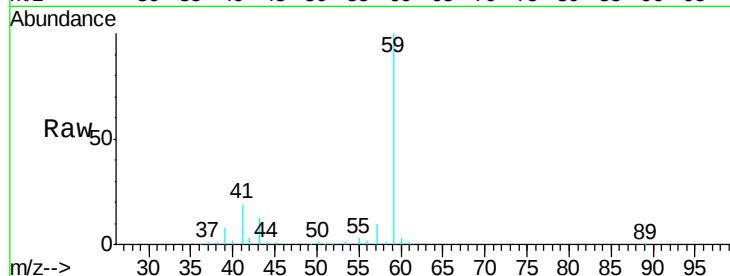


#11

Tert butyl alcohol
 Concen: 650.787 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

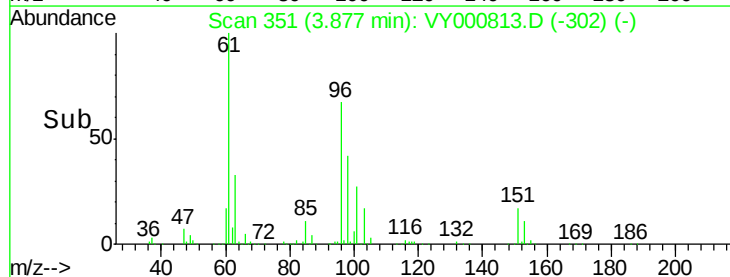
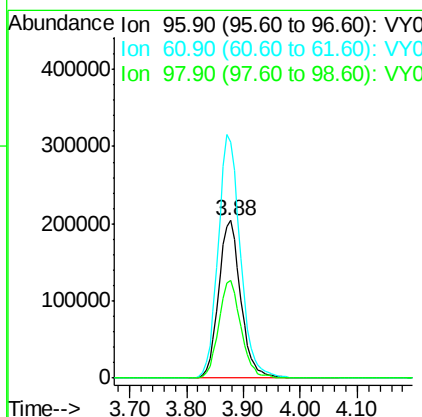
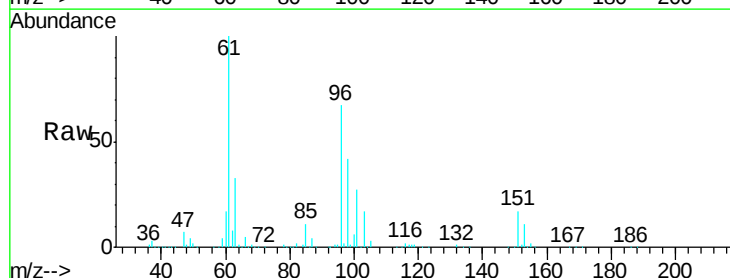
Tgt Ion: 59 Resp: 237085
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.6

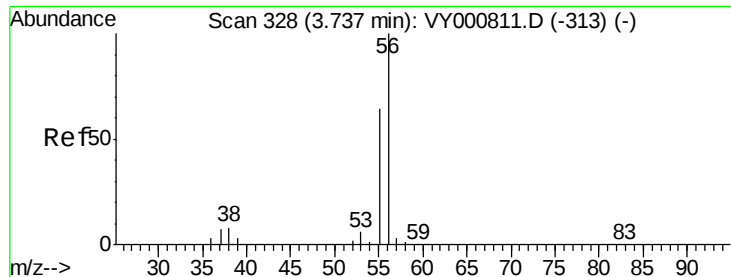


#12

1,1-Dichloroethene
 Concen: 156.796 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 96 Resp: 551113
 Ion Ratio Lower Upper
 96 100
 61 149.7 129.4 194.2
 98 62.3 53.4 80.0





#13

Acrolein

Concen: 751.598 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

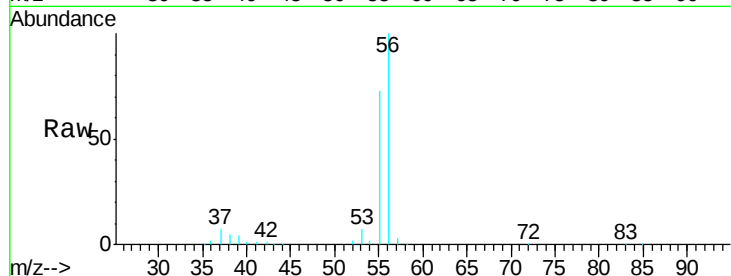
VSTDIC150

Tgt Ion: 56 Resp: 236776

Ion Ratio Lower Upper

56 100

55 68.6 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

100000

80000

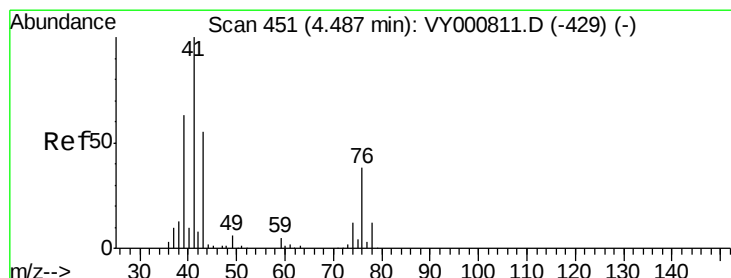
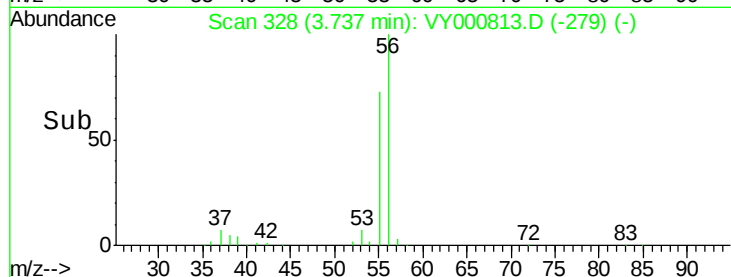
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 157.206 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

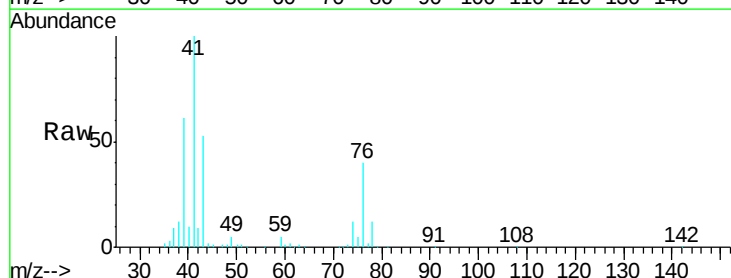
Tgt Ion: 41 Resp: 919446

Ion Ratio Lower Upper

41 100

39 58.9 49.2 73.8

76 38.1 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

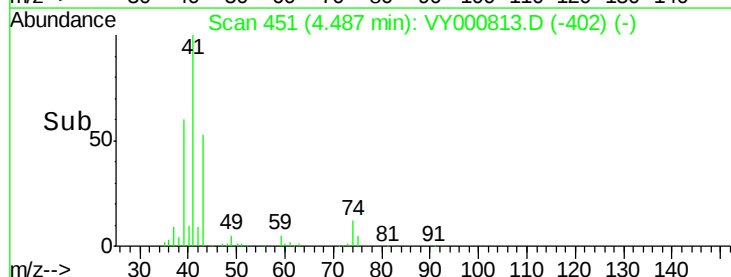
600000

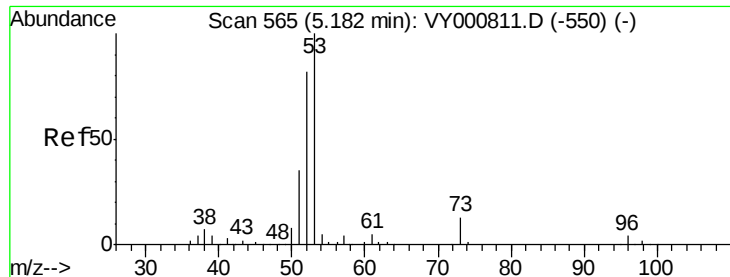
400000

200000

0

Time-->





#15

Acrylonitrile

Concen: 729.114 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

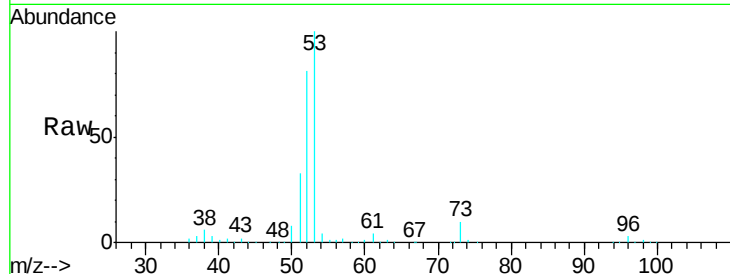
Tgt Ion: 53 Resp: 812476

Ion Ratio Lower Upper

53 100

52 80.2 65.1 97.7

51 34.5 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY000811.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000811.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000811.D (-550) (-)

5.18

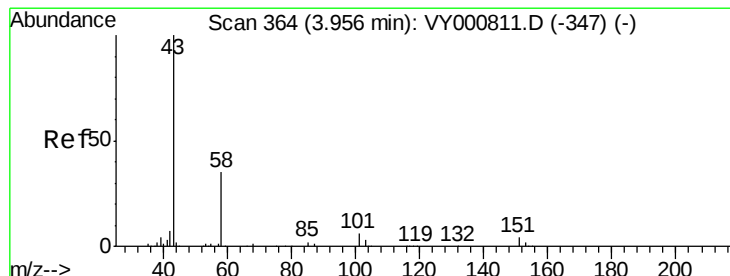
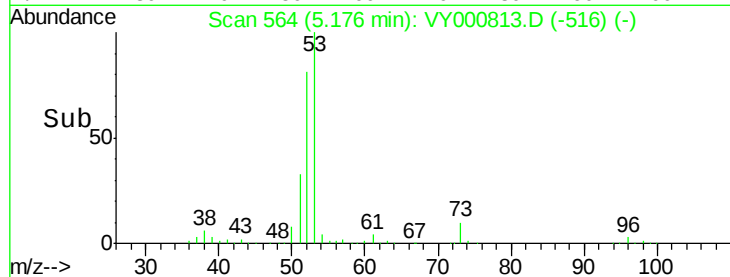
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 562.870 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000813.D

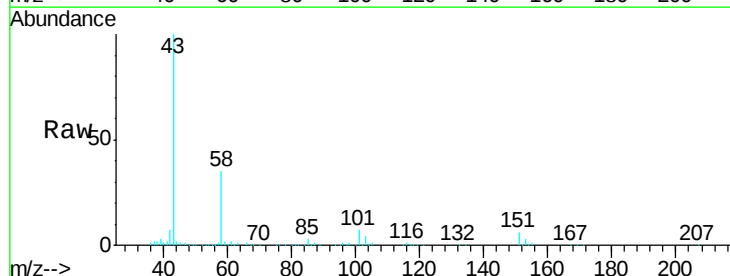
Acq: 27 Nov 2019 12:21

Tgt Ion: 43 Resp: 538098

Ion Ratio Lower Upper

43 100

58 35.2 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

3.96

200000

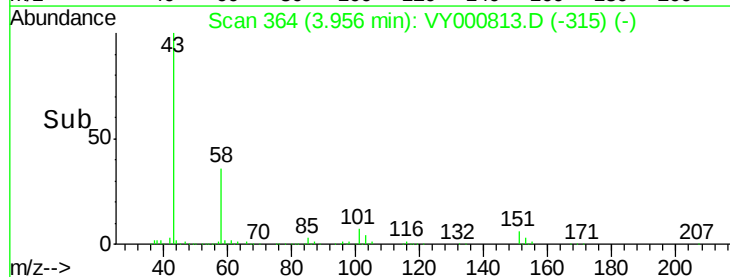
150000

100000

50000

0

Time-->

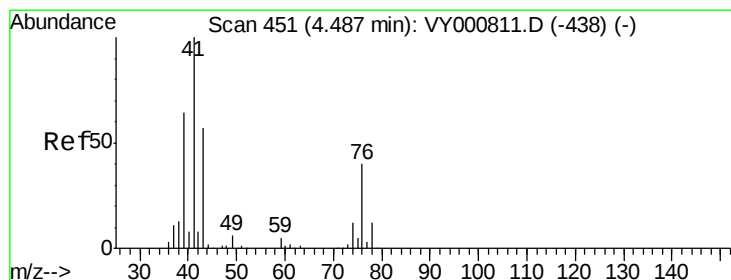
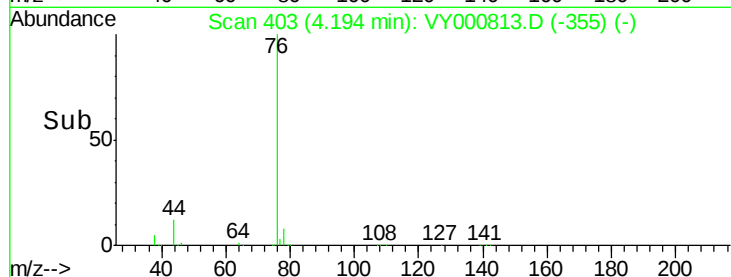
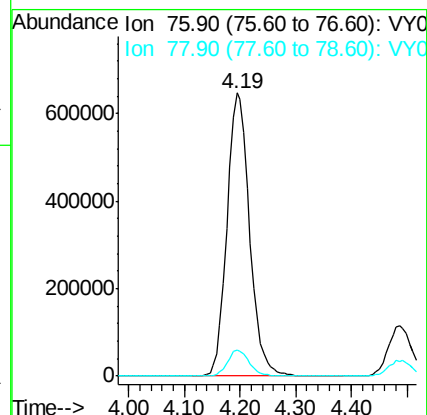
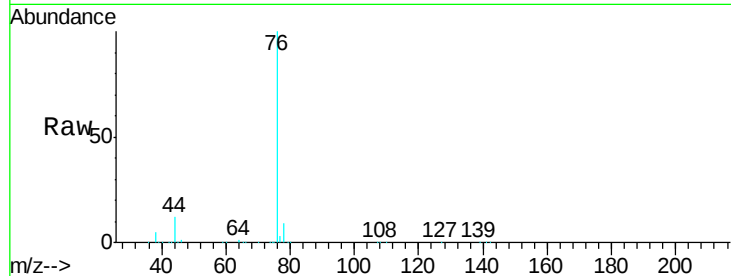




#17
Carbon Disulfide
Concen: 161.087 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

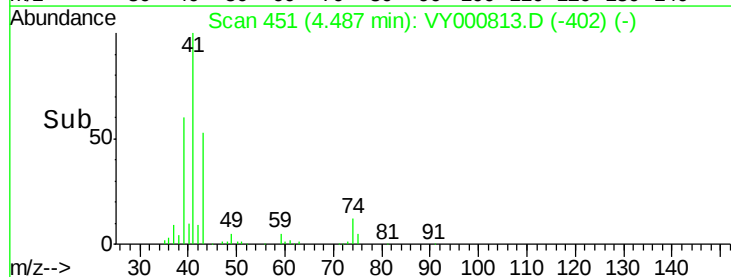
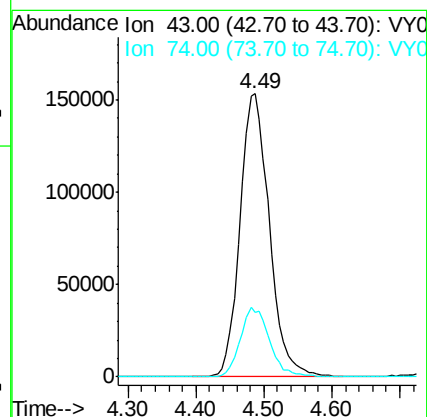
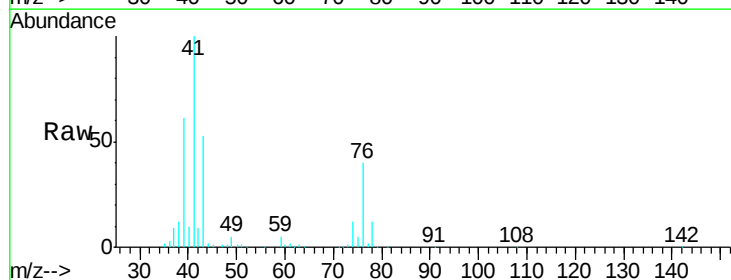
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

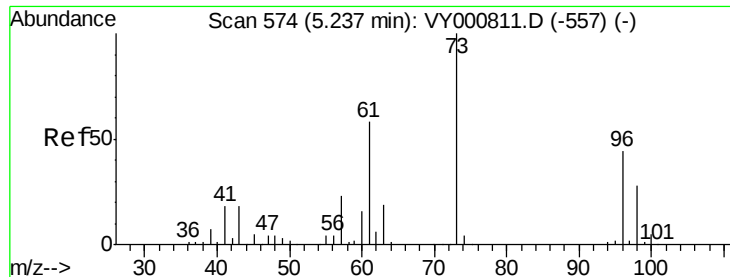
Tgt Ion: 76 Resp: 1812153
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 143.377 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 43 Resp: 460067
Ion Ratio Lower Upper
43 100
74 24.4 18.5 27.7

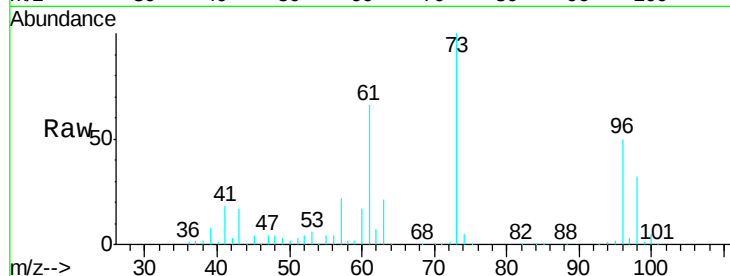




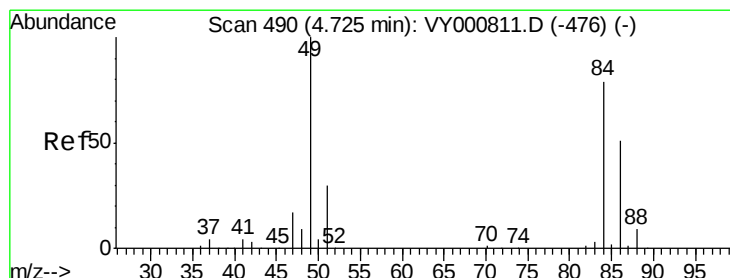
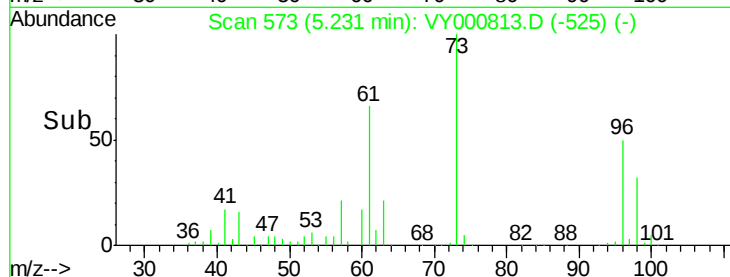
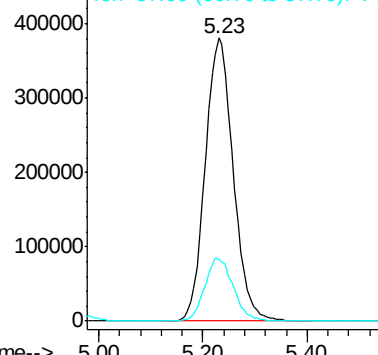
#19
Methyl tert-butyl Ether
Concen: 142.992 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 1414962
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

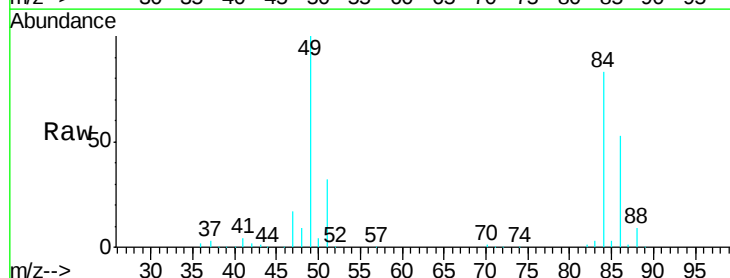


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

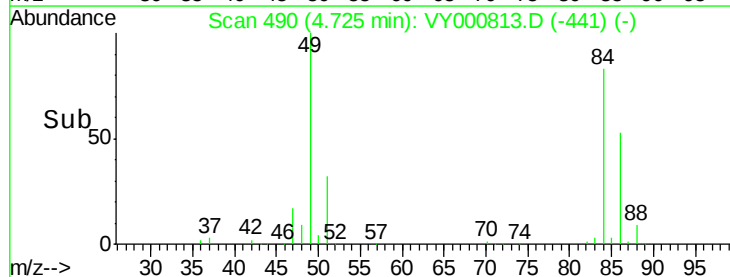
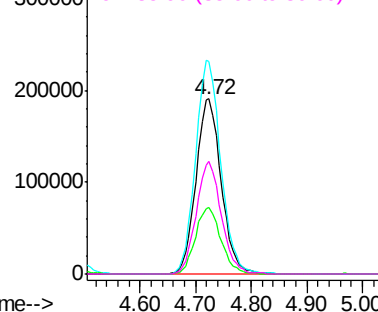


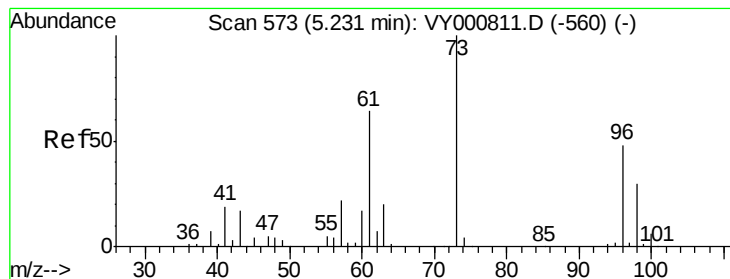
#20
Methylene Chloride
Concen: 137.496 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 84 Resp: 597817
Ion Ratio Lower Upper
84 100
49 121.0 101.3 151.9
51 38.2 30.6 45.8
86 64.0 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 153.559 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

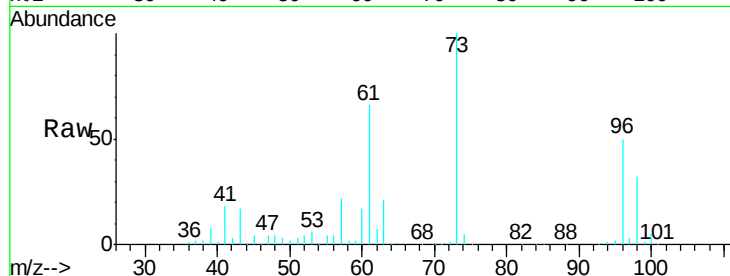
Tgt Ion: 96 Resp: 615943

Ion Ratio Lower Upper

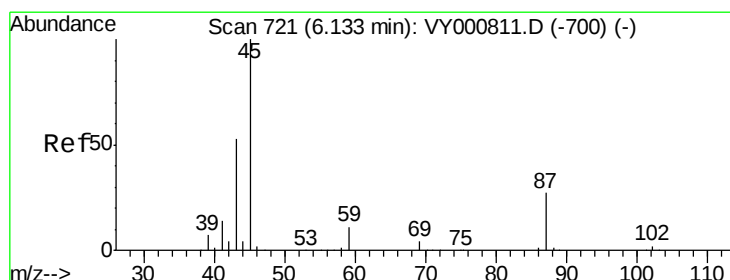
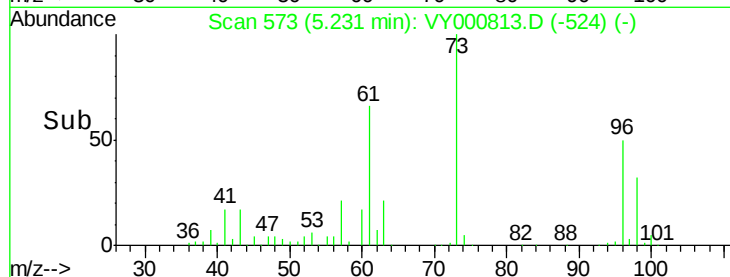
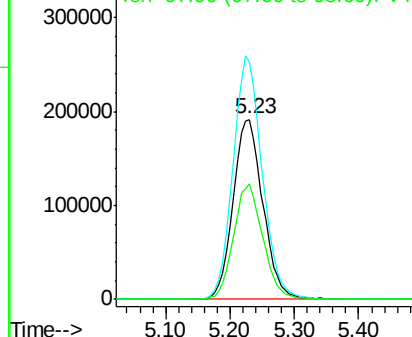
96 100

61 131.5 105.9 158.9

98 63.8 49.4 74.2



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



#22

Diisopropyl ether

Concen: 141.043 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion: 45 Resp: 1777923

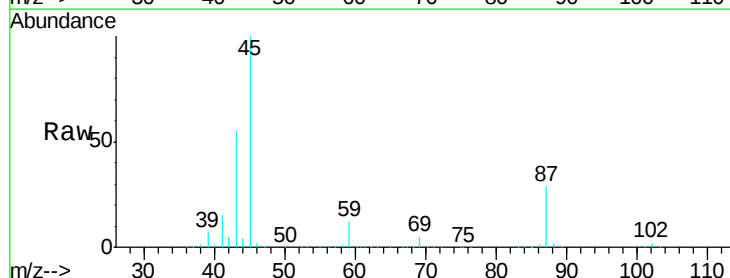
Ion Ratio Lower Upper

45 100

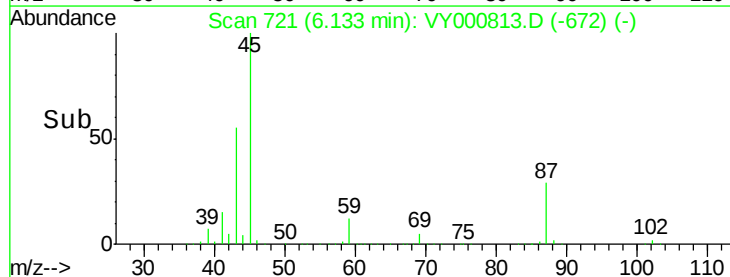
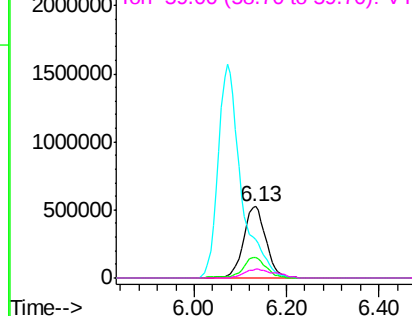
43 54.5 42.7 64.1

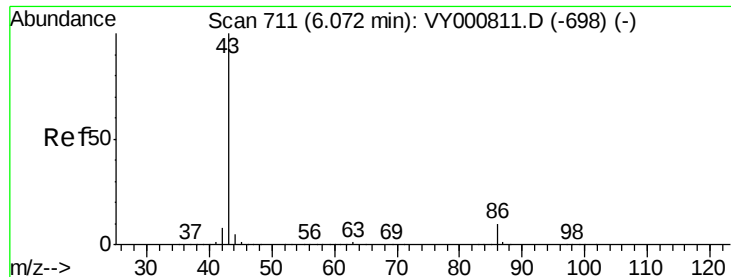
87 29.0 22.0 33.0

59 12.1 8.9 13.3



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: 680.702 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

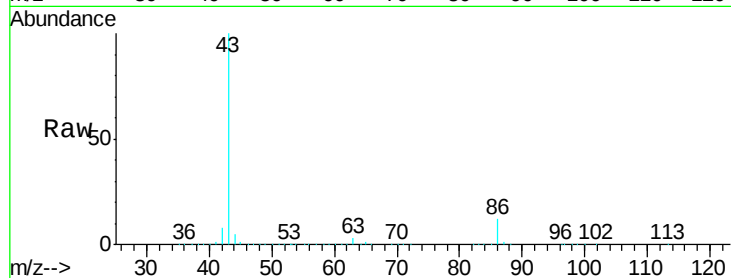
VSTDIC150

Tgt Ion: 43 Resp: 5417633

Ion Ratio Lower Upper

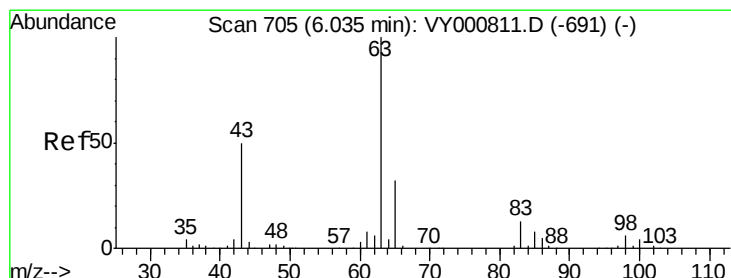
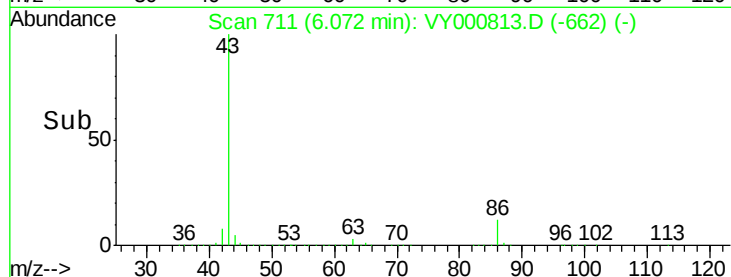
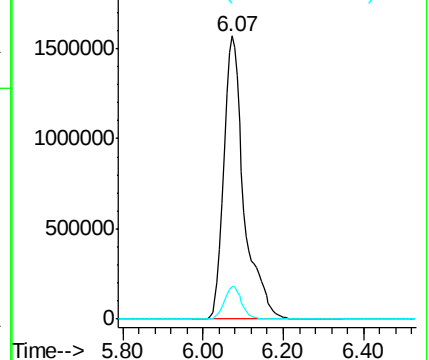
43 100

86 11.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 151.415 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

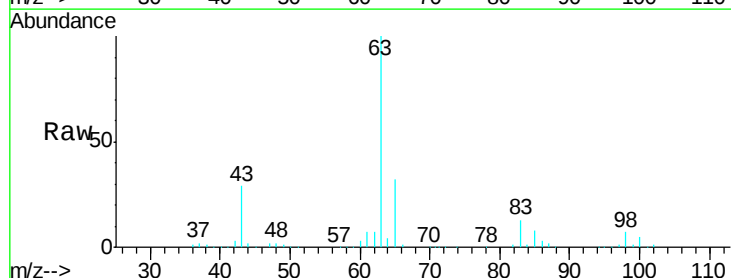
Tgt Ion: 63 Resp: 1037192

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

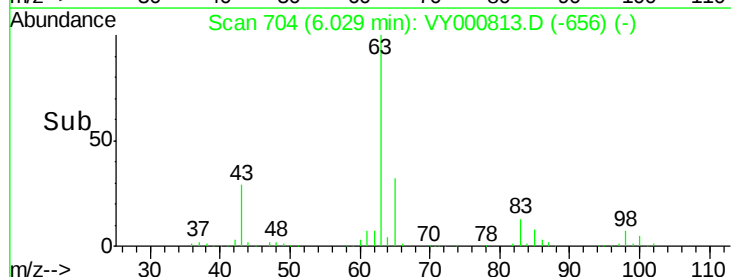
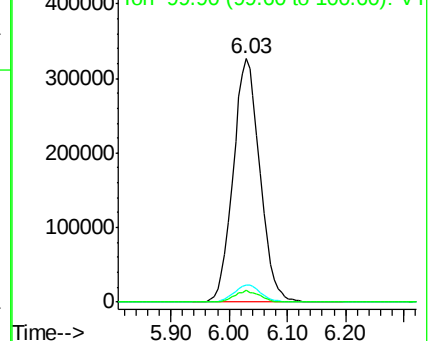
100 4.7 2.2 6.6

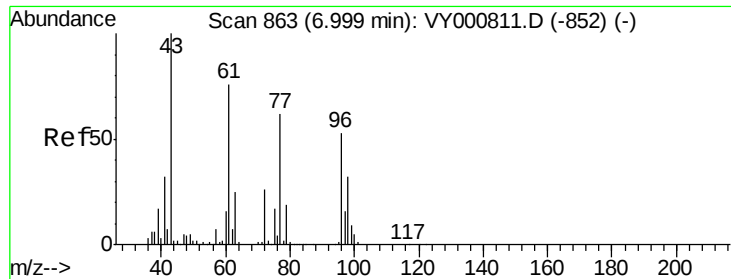


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 626.002 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

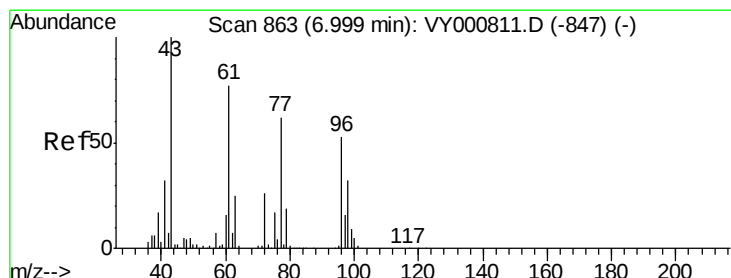
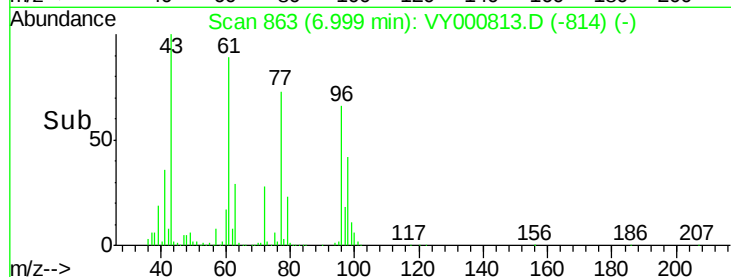
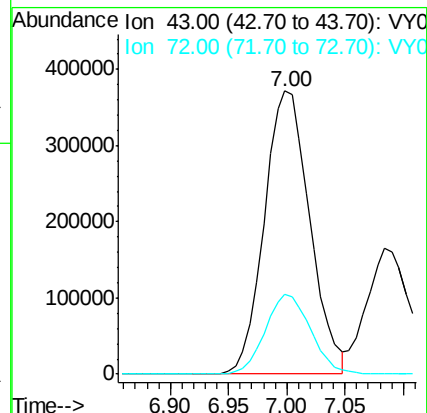
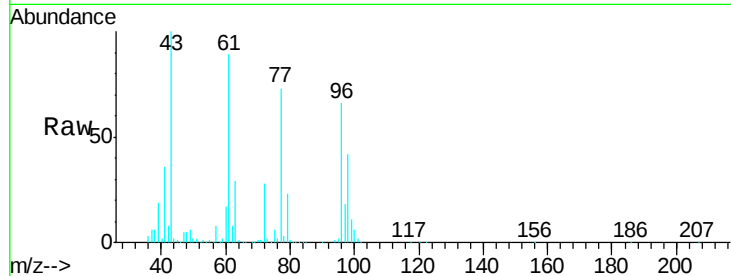
VSTDIC150

Tgt Ion: 43 Resp: 1006165

Ion Ratio Lower Upper

43 100

72 28.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 139.884 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000813.D

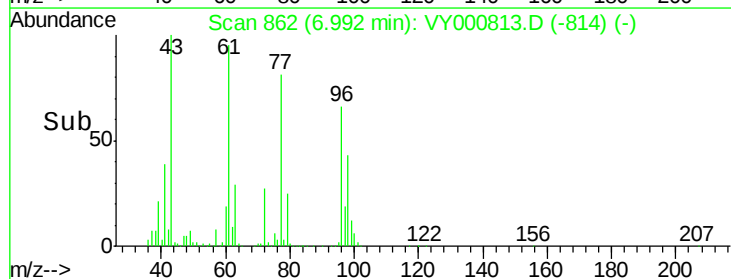
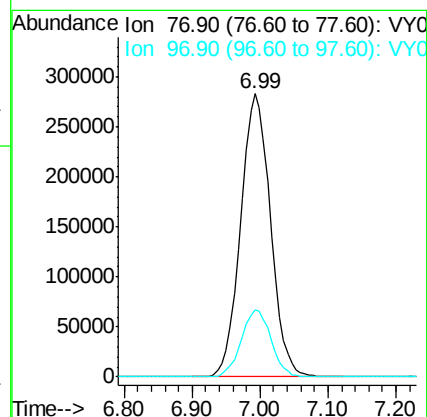
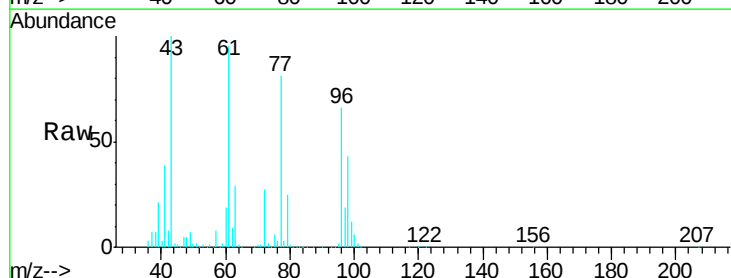
Acq: 27 Nov 2019 12:21

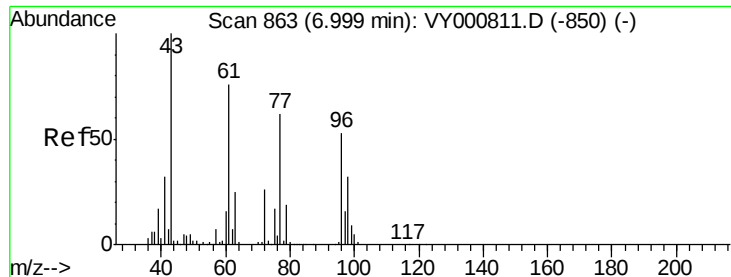
Tgt Ion: 77 Resp: 862016

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9



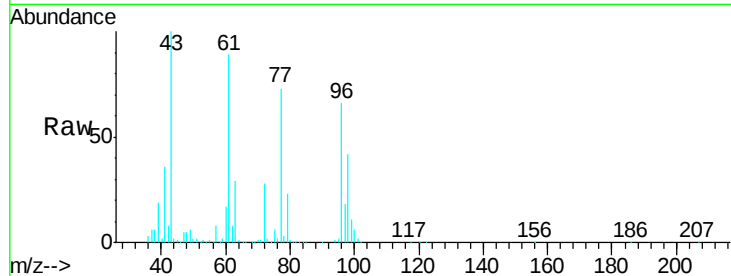


#27

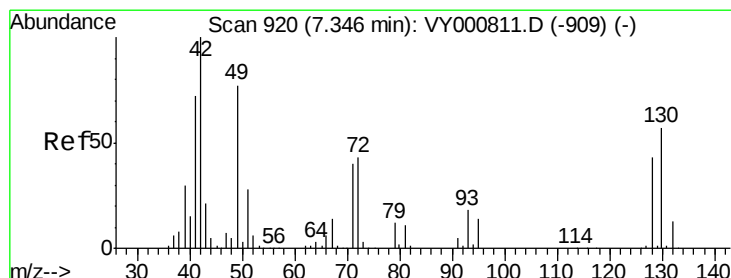
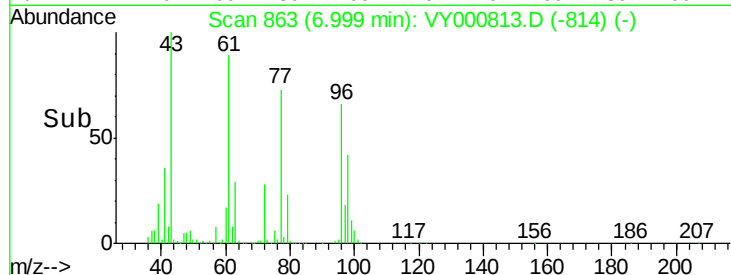
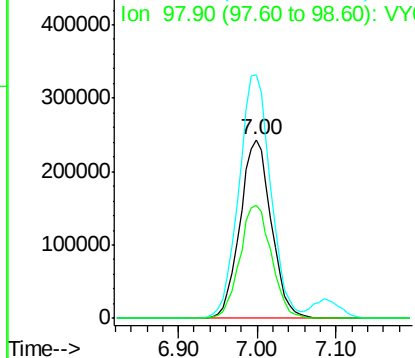
cis-1,2-Dichloroethene
Concen: 152.110 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 667974
Ion Ratio Lower Upper
96 100
61 139.7 0.0 285.0
98 64.3 0.0 128.0



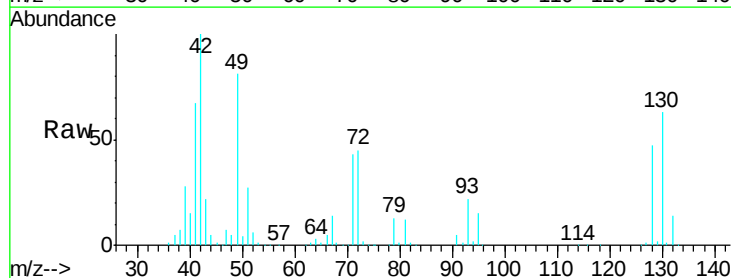
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



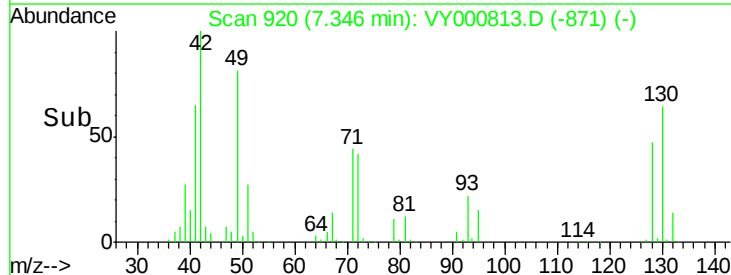
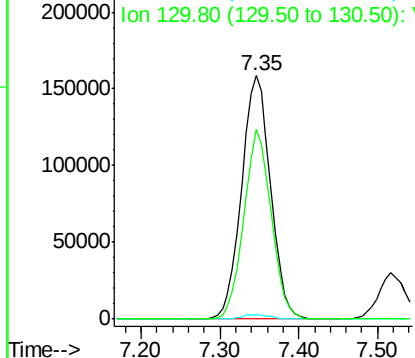
#28

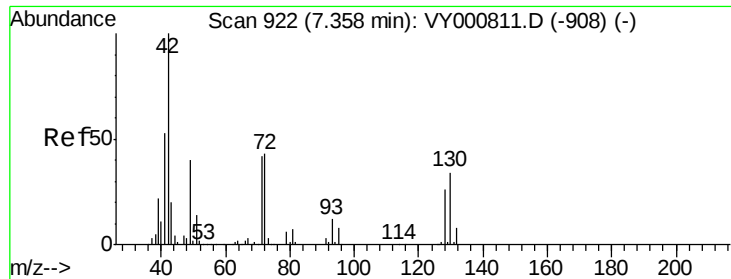
Bromochloromethane
Concen: 153.742 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 49 Resp: 405266
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 73.7 58.7 88.1



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

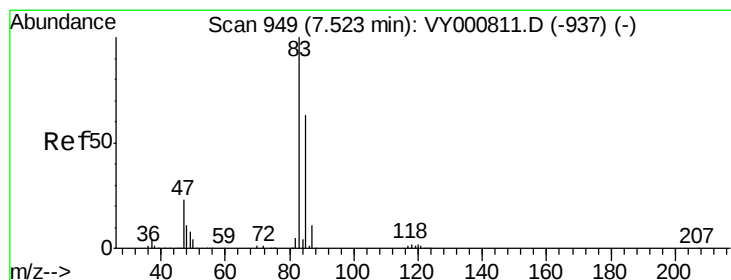
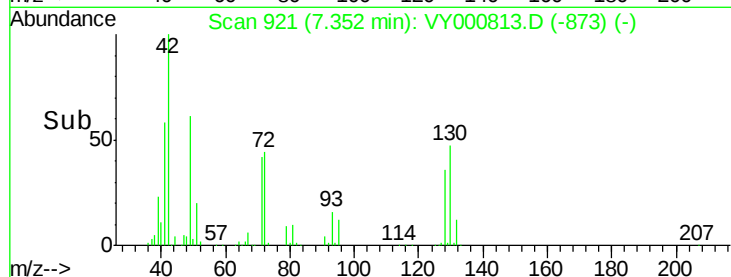
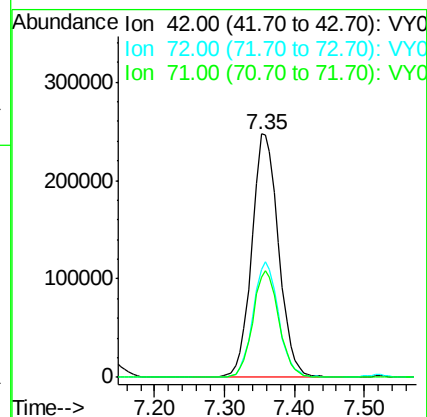
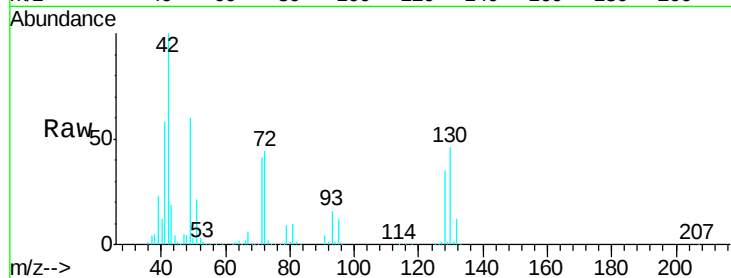




#29
Tetrahydrofuran
Concen: 658.776 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

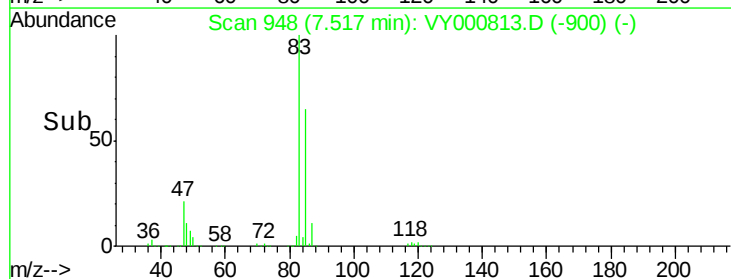
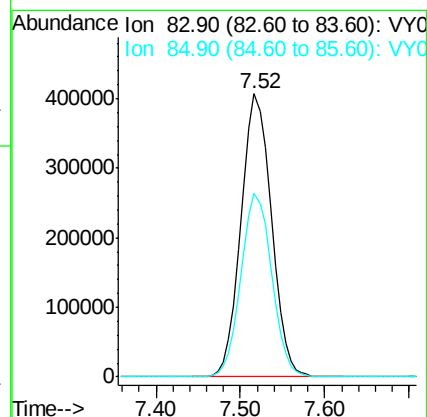
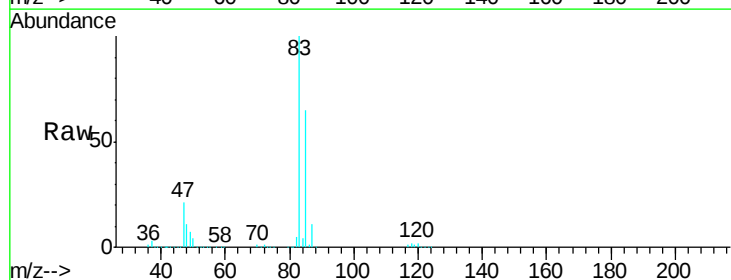
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

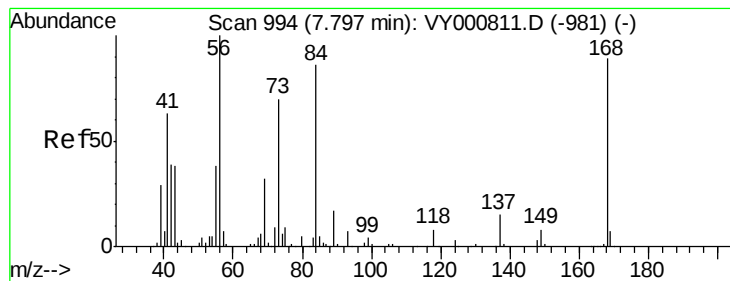
Tgt Ion: 42 Resp: 657991
Ion Ratio Lower Upper
42 100
72 45.2 35.1 52.7
71 42.4 32.8 49.2



#30
Chloroform
Concen: 144.819 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 83 Resp: 993359
Ion Ratio Lower Upper
83 100
85 64.7 50.4 75.6





#31

Cyclohexane

Concen: 145.028 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

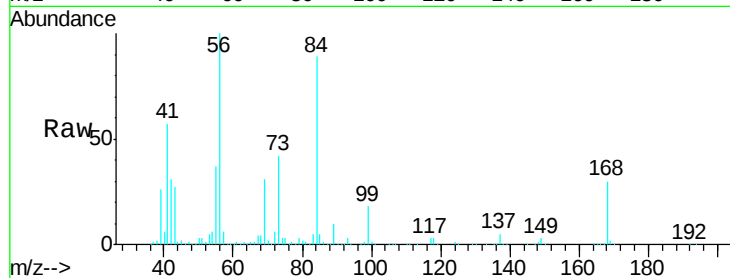
Tgt Ion: 56 Resp: 1039082

Ion Ratio Lower Upper

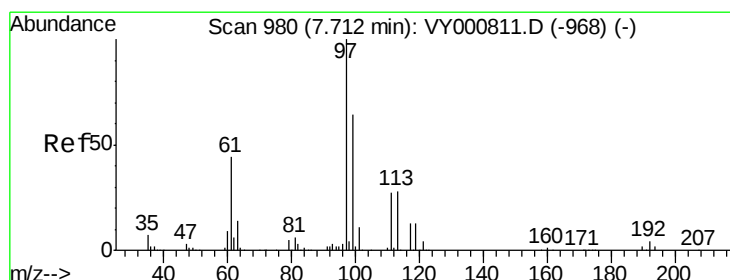
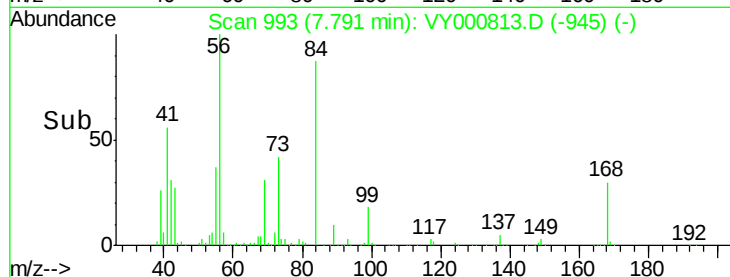
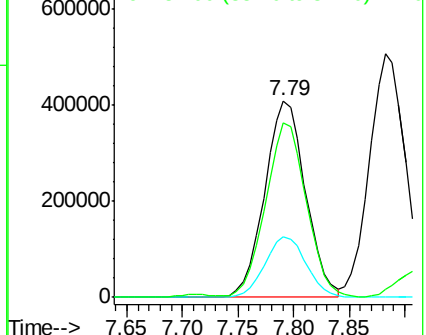
56 100

69 30.8 25.9 38.9

84 87.4 68.6 102.8



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: 142.693 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

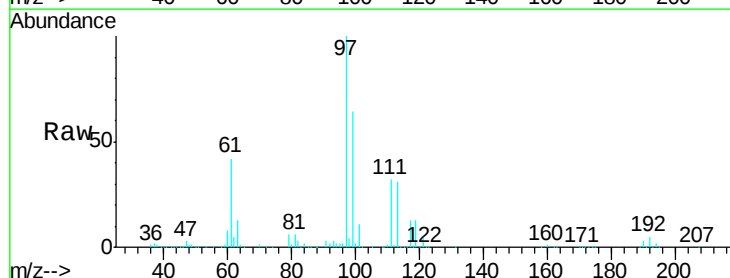
Tgt Ion: 97 Resp: 863092

Ion Ratio Lower Upper

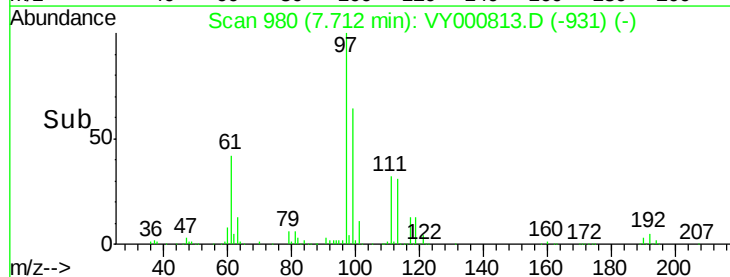
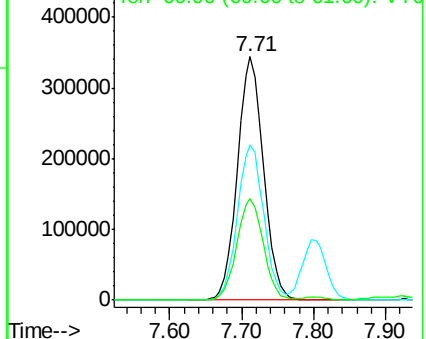
97 100

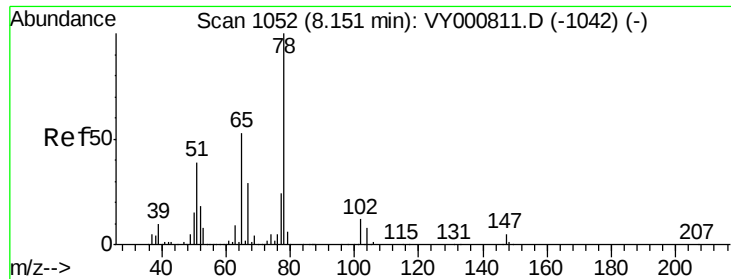
99 64.3 51.7 77.5

61 42.2 35.0 52.6



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: 140.291 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

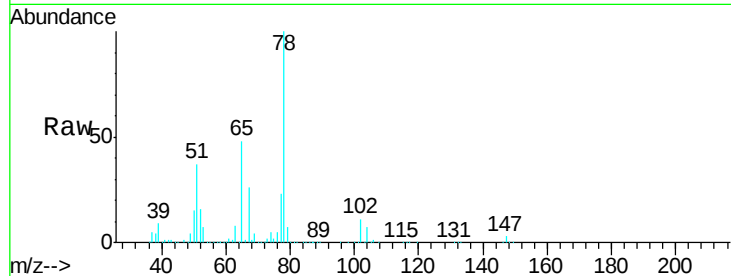
VSTDIC150

Tgt Ion: 65 Resp: 499094

Ion Ratio Lower Upper

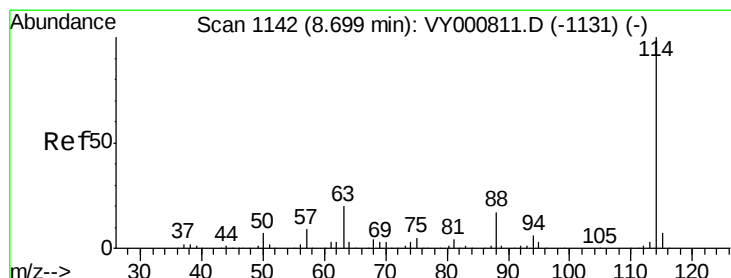
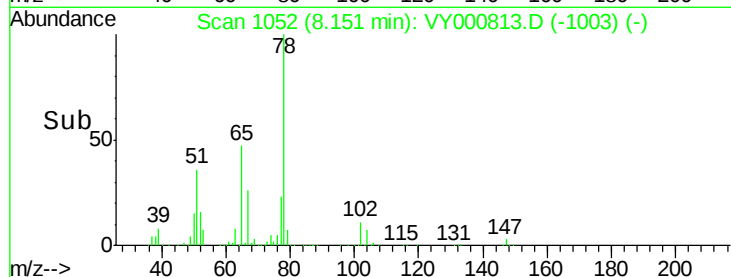
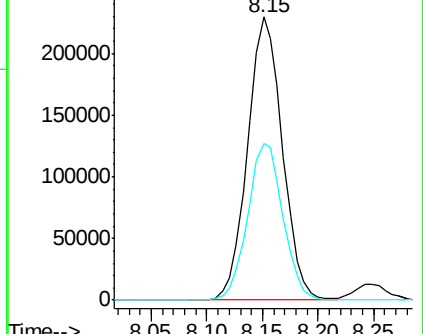
65 100

67 56.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

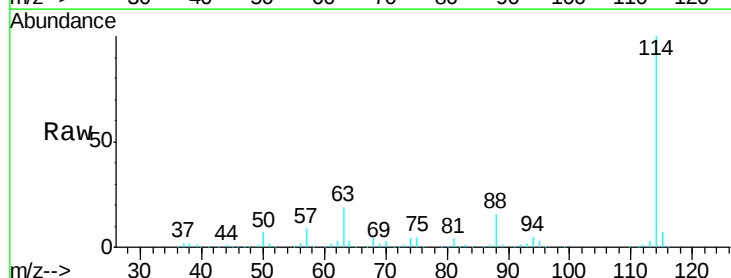
Tgt Ion: 114 Resp: 604701

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

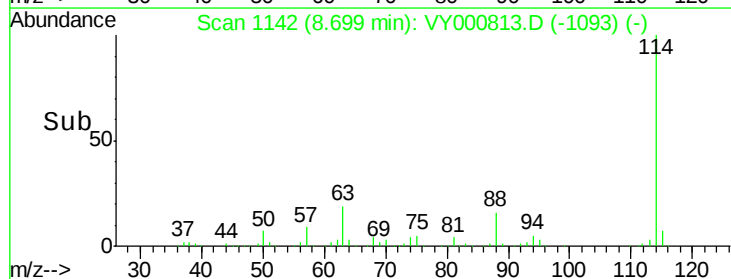
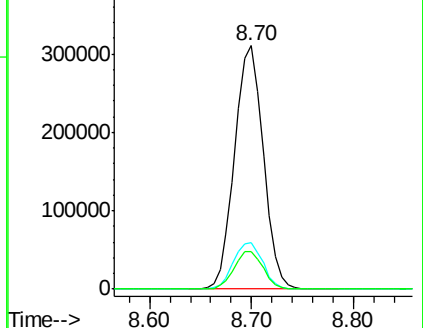
88 15.6 0.0 33.2

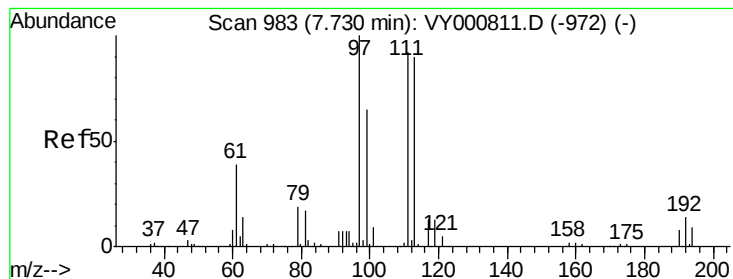


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 138.011 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

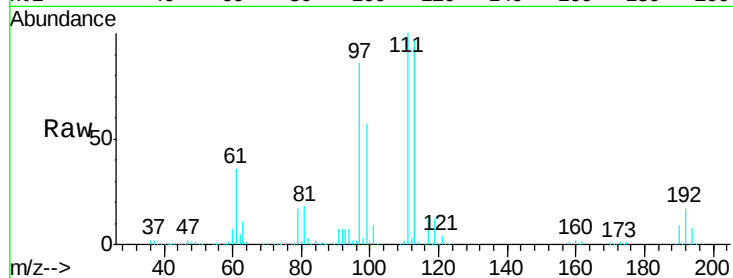
Tgt Ion:113 Resp: 484710

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

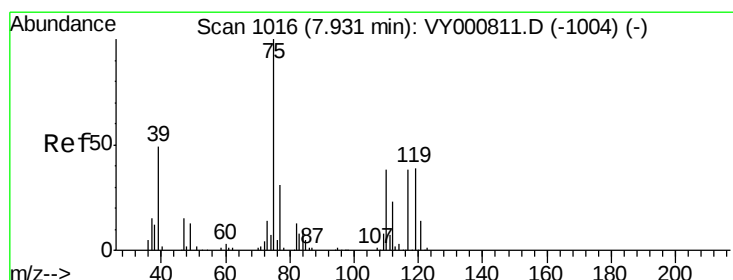
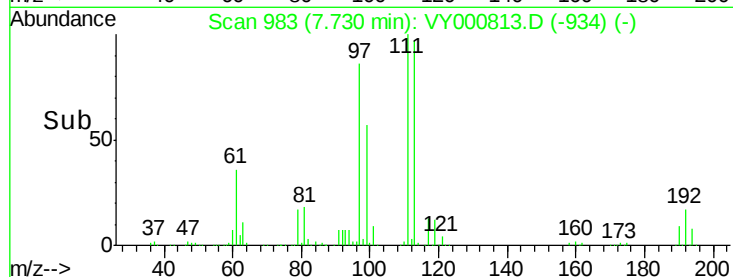
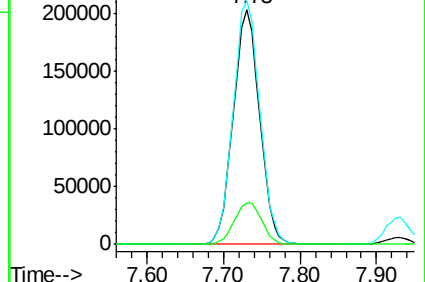
192 18.6 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 143.531 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

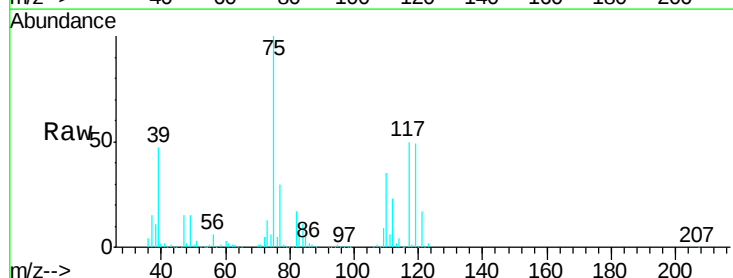
Tgt Ion: 75 Resp: 832490

Ion Ratio Lower Upper

75 100

110 35.3 17.9 53.7

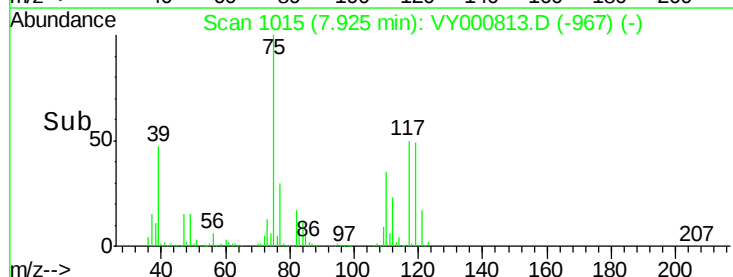
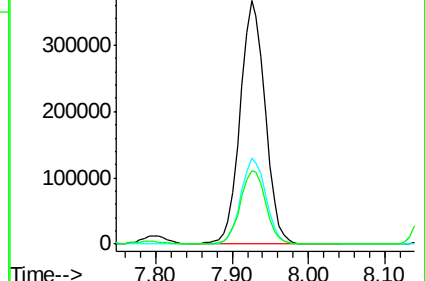
77 31.0 24.7 37.1

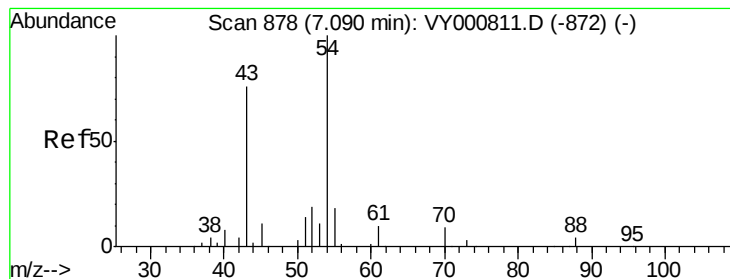


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 125.749 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

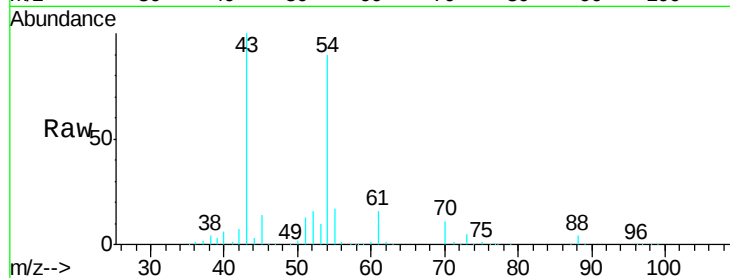
Tgt Ion: 43 Resp: 436904

Ion Ratio Lower Upper

43 100

61 14.6 11.8 17.8

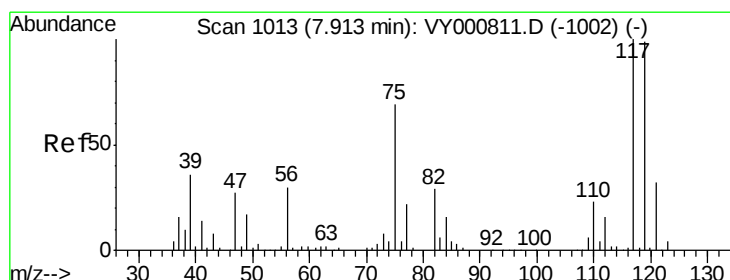
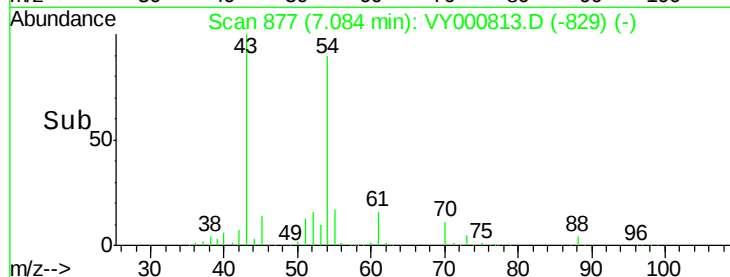
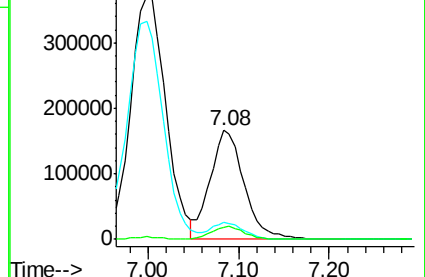
70 11.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VY000811.D (-872) (-)

Ion 70.00 (69.70 to 70.70): VY000811.D (-872) (-)



#38

Carbon Tetrachloride

Concen: 137.109 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

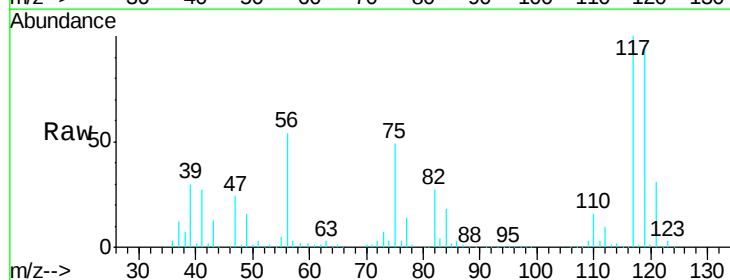
Tgt Ion: 117 Resp: 754261

Ion Ratio Lower Upper

117 100

119 95.5 79.3 118.9

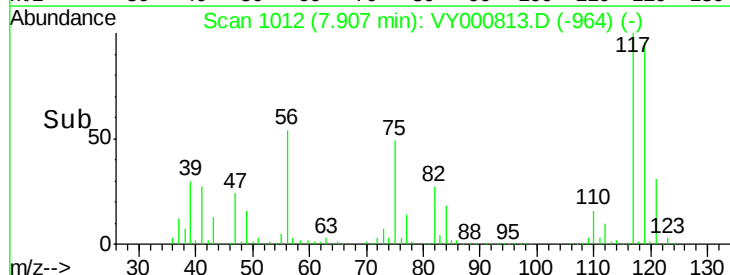
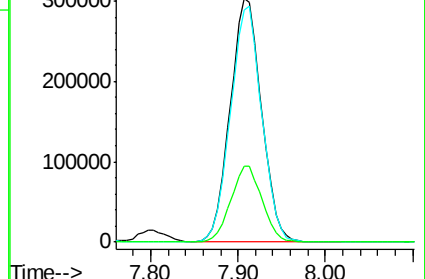
121 31.0 25.5 38.3

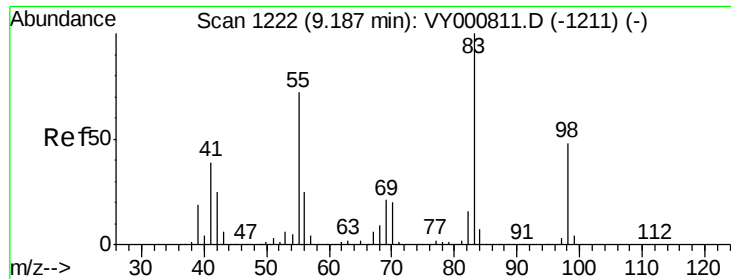


Abundance Ion 116.80 (116.50 to 117.50): VY000811.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000811.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000811.D (-1002) (-)

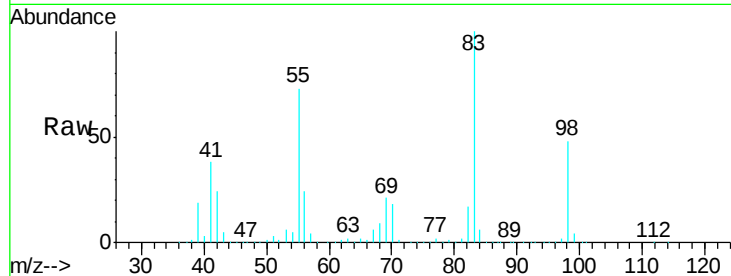




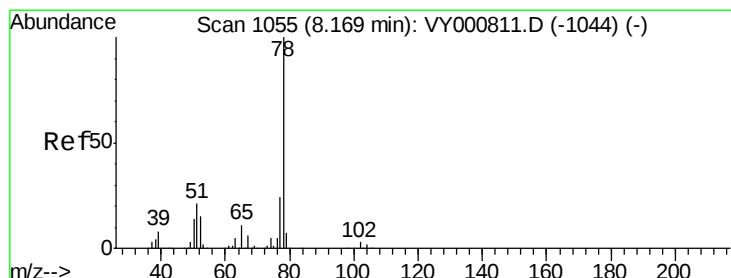
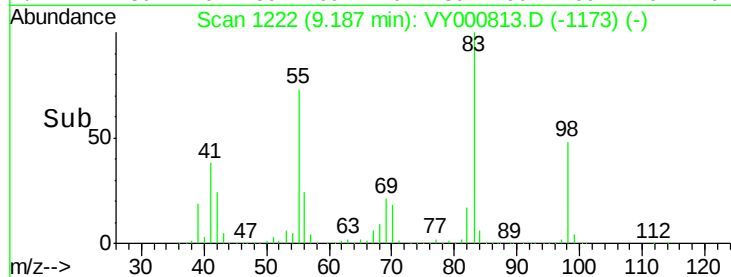
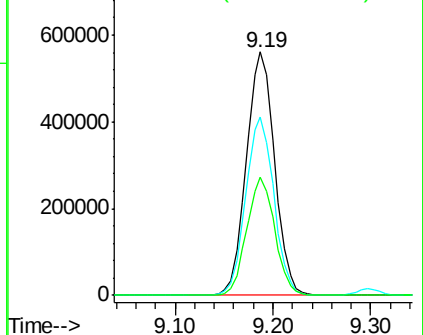
#39
Methylcyclohexane
Concen: 149.723 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 1121827
Ion Ratio Lower Upper
83 100
55 73.1 57.8 86.6
98 48.3 38.6 58.0

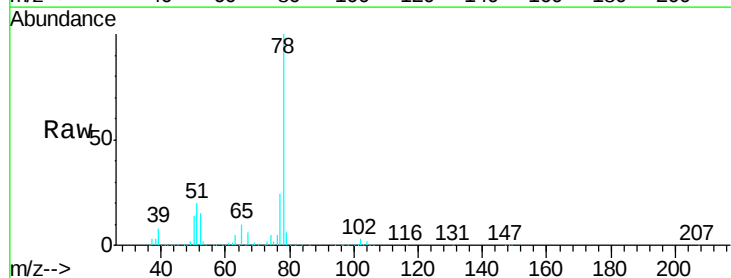


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

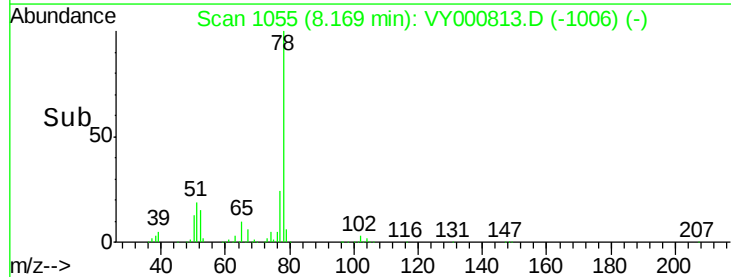
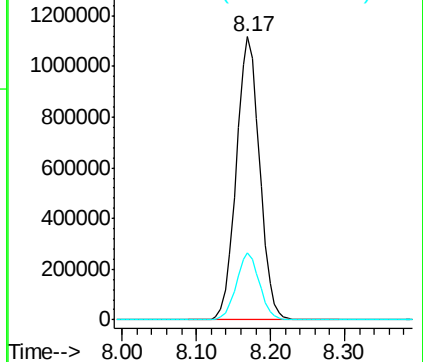


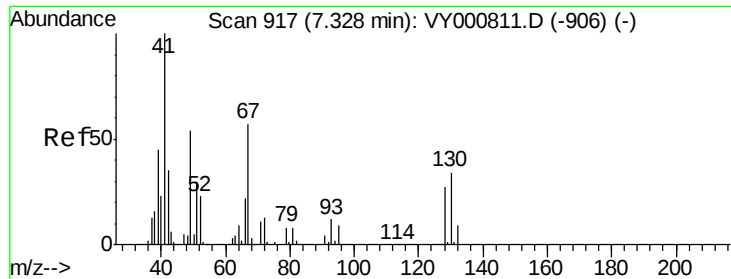
#40
Benzene
Concen: 144.160 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 78 Resp: 2453314
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



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

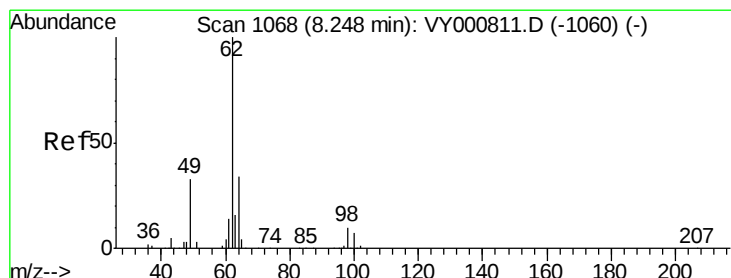
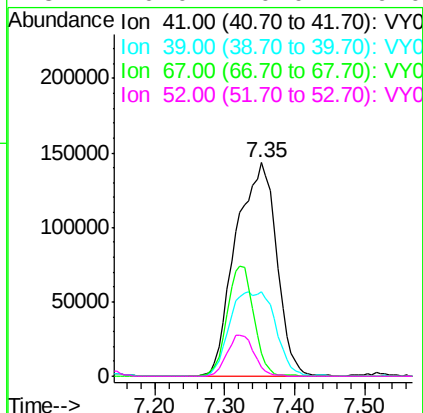
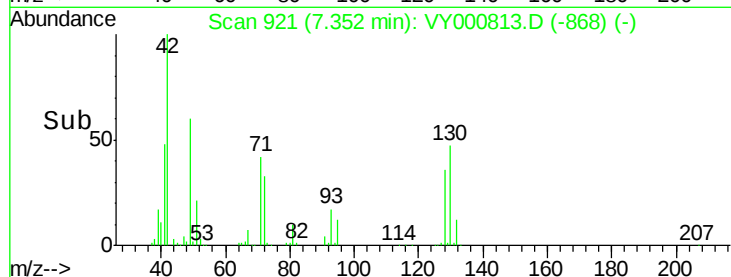
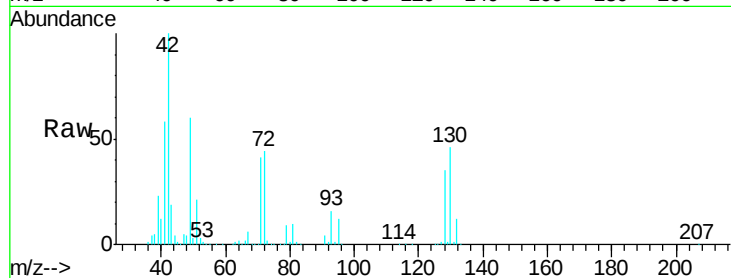




#41
Methacrylonitrile
Concen: 304.055 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

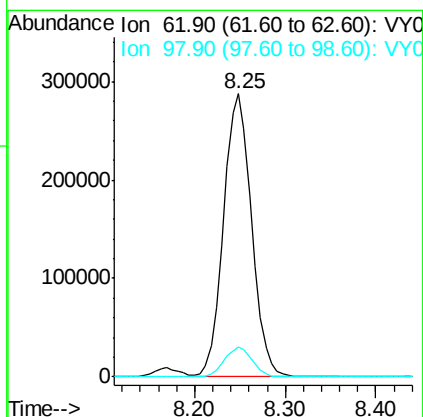
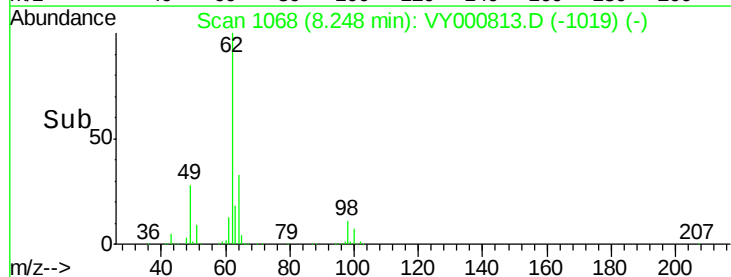
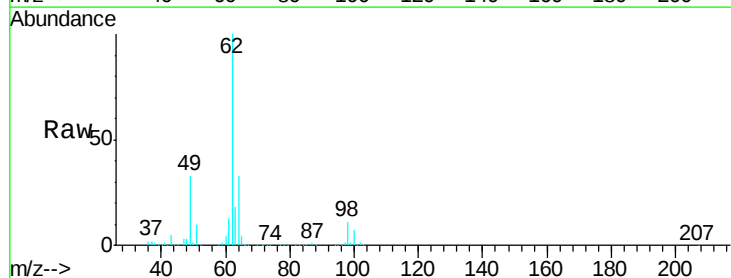
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

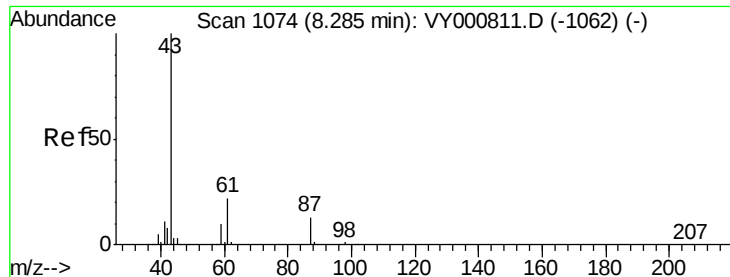
Tgt Ion:	41	Resp:	581994
Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 129.385 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion:	62	Resp:	616519
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4

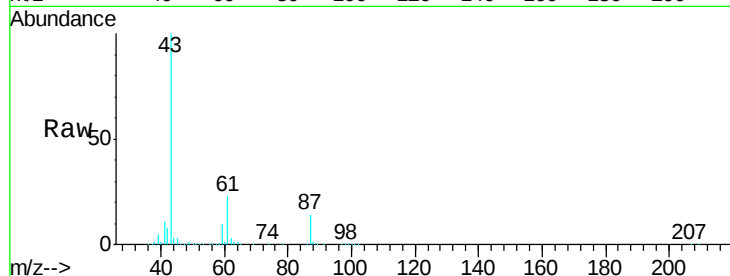




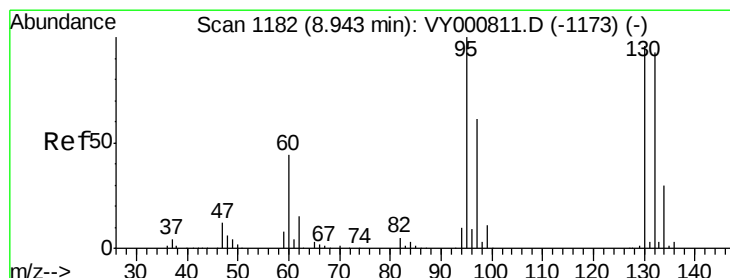
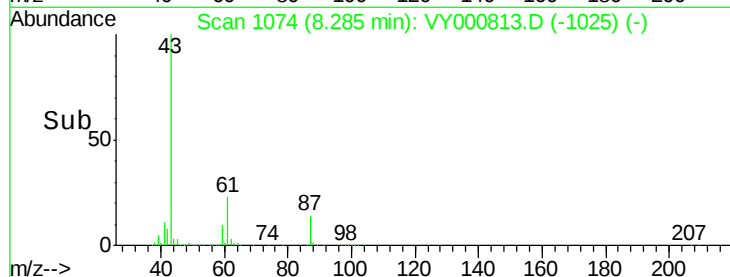
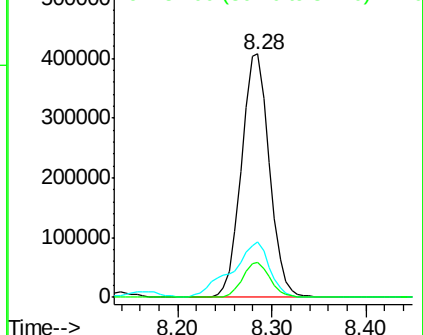
#43
Isopropyl Acetate
Concen: 129.943 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 847308
Ion Ratio Lower Upper
43 100
61 30.6 23.7 35.5
87 14.2 10.6 15.8

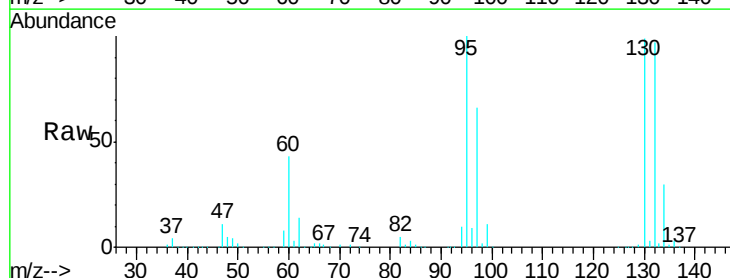


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

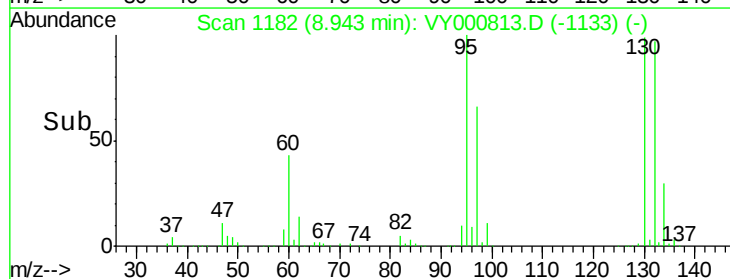
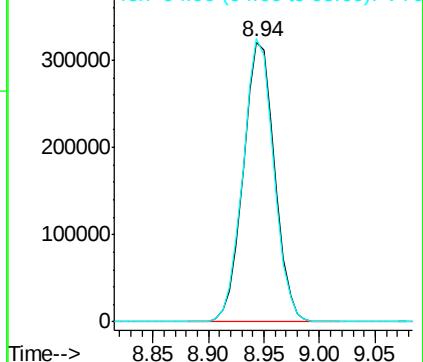


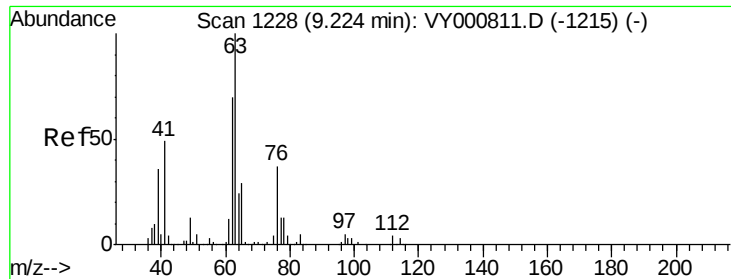
#44
Trichloroethene
Concen: 140.388 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 130 Resp: 627664
Ion Ratio Lower Upper
130 100
95 101.1 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 144.513 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

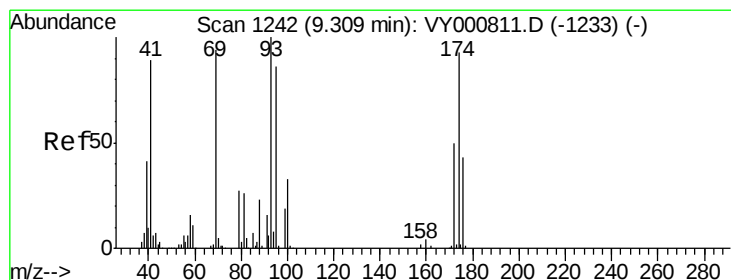
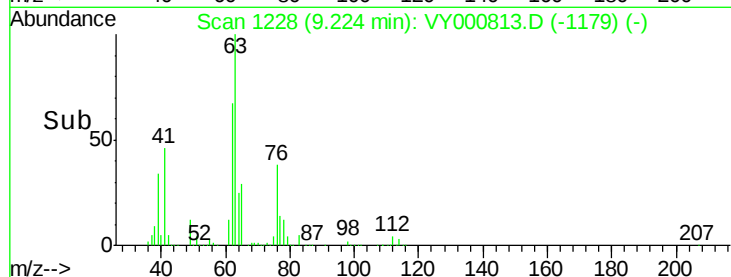
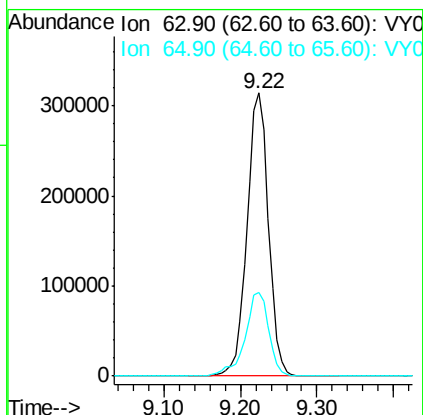
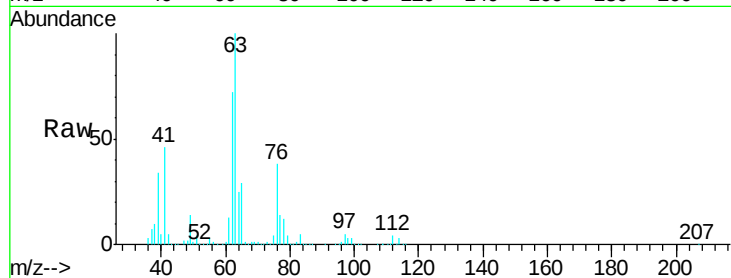
VSTDIC150

Tgt Ion: 63 Resp: 609422

Ion Ratio Lower Upper

63 100

65 29.4 23.2 34.8



#46

Dibromomethane

Concen: 139.219 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

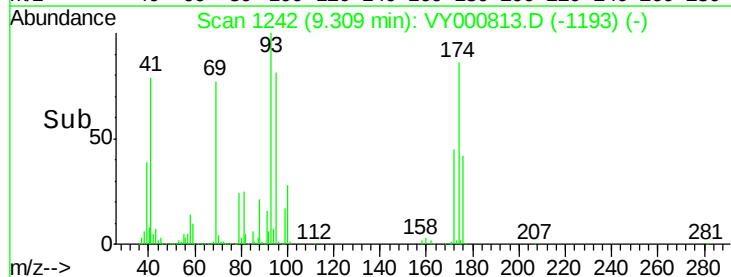
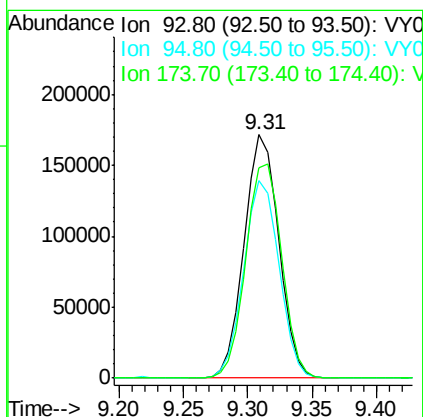
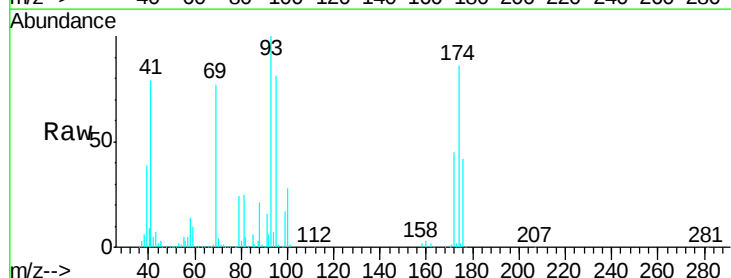
Tgt Ion: 93 Resp: 320351

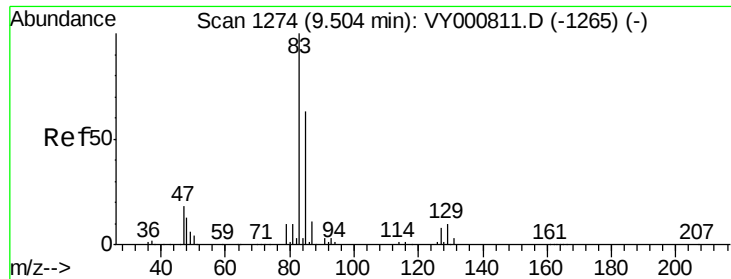
Ion Ratio Lower Upper

93 100

95 82.3 66.4 99.6

174 90.9 73.0 109.6

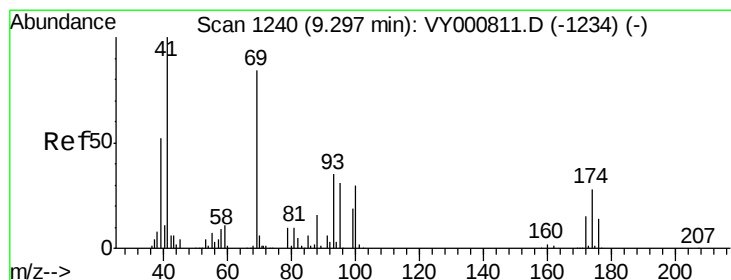
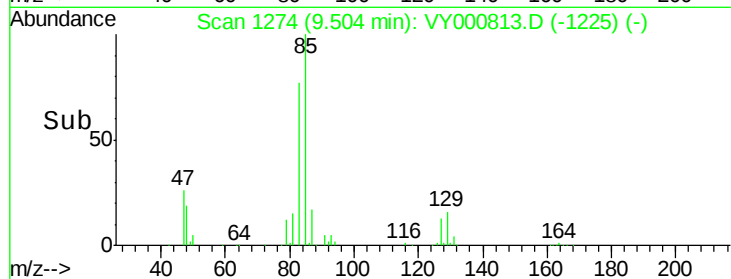
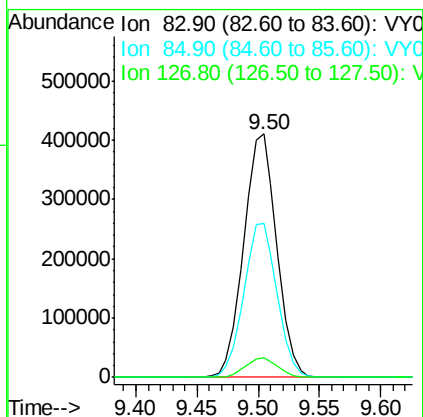
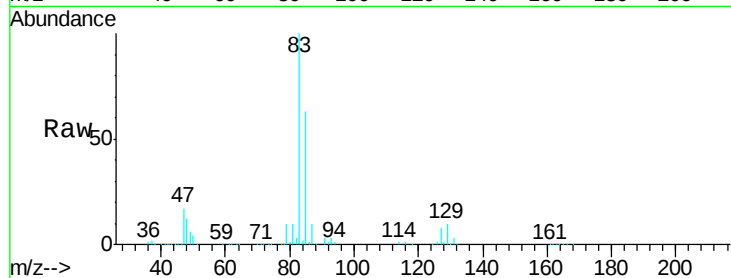




#47
Bromodichloromethane
Concen: 141.685 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

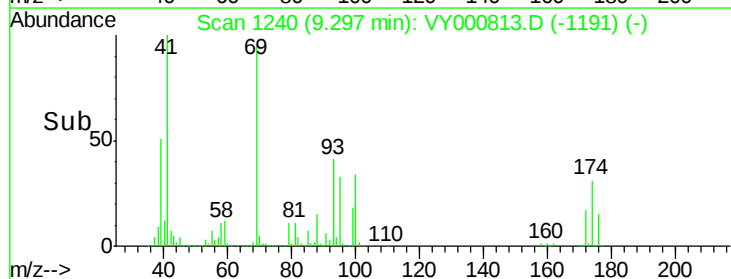
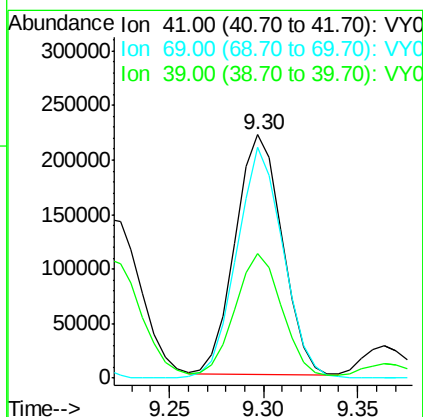
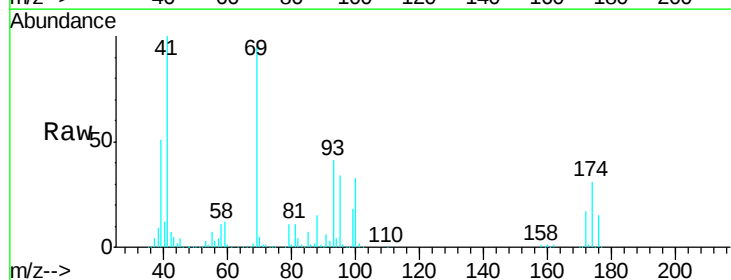
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

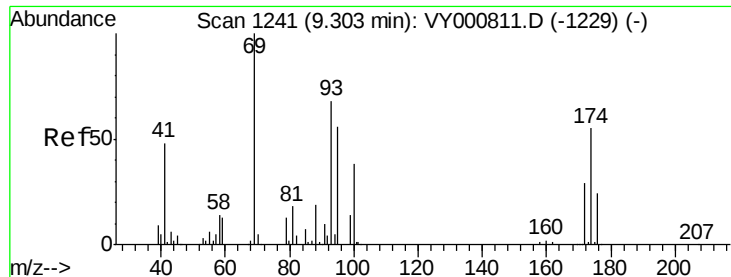
Tgt Ion: 83 Resp: 768860
Ion Ratio Lower Upper
83 100
85 63.2 50.8 76.2
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 131.992 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 41 Resp: 379361
Ion Ratio Lower Upper
41 100
69 95.8 70.4 105.6
39 53.2 40.9 61.3

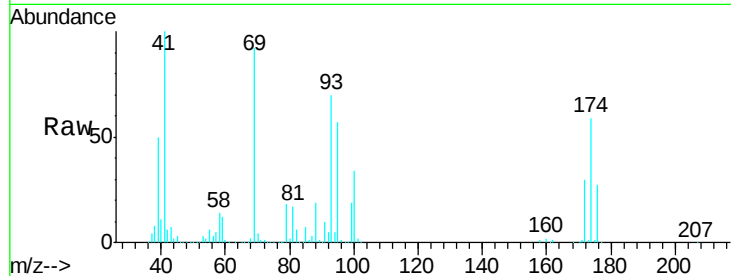




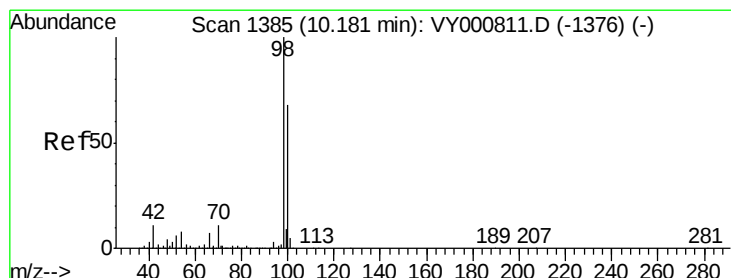
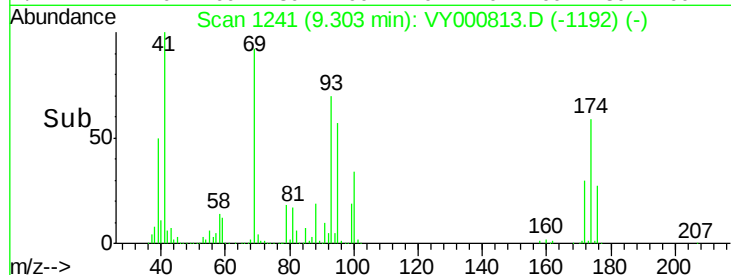
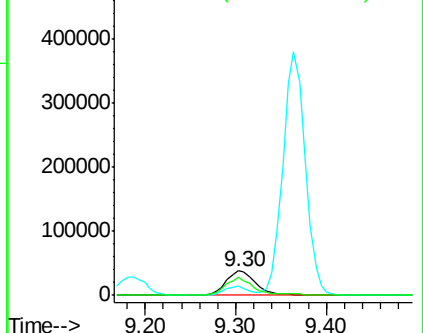
#49
1,4-Dioxane
Concen: 2827.762 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 89147
Ion Ratio Lower Upper
88 100
43 29.7 21.1 31.7
58 72.4 50.7 76.1

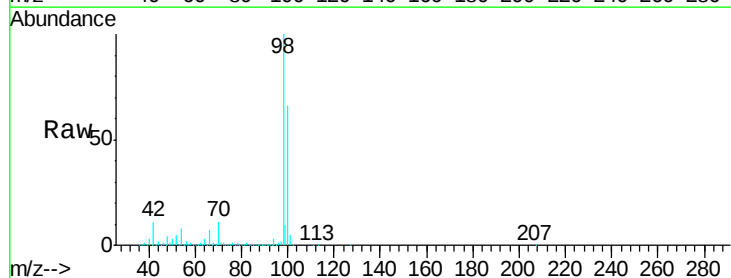


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

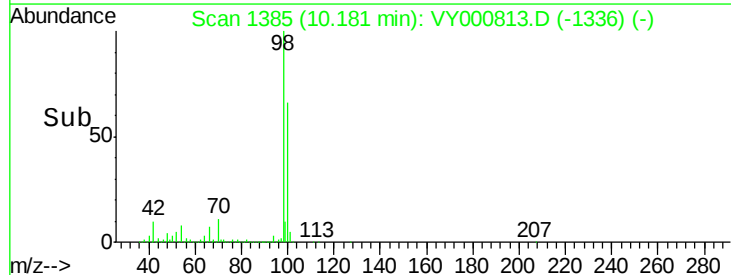
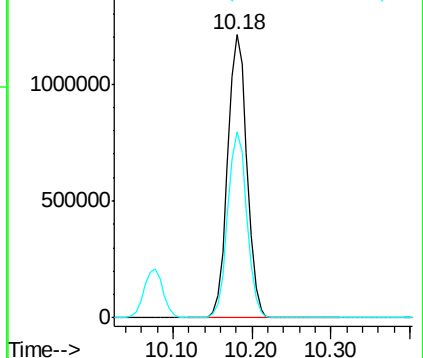


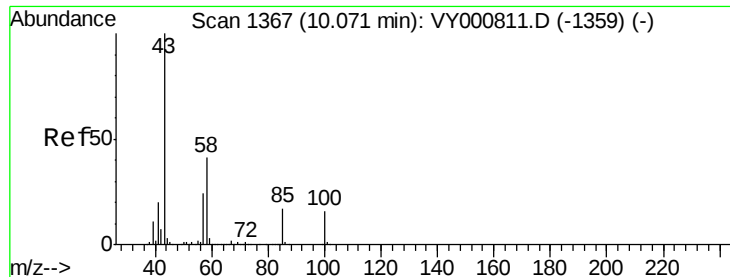
#50
Toluene-d8
Concen: 153.065 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 98 Resp: 2048443
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

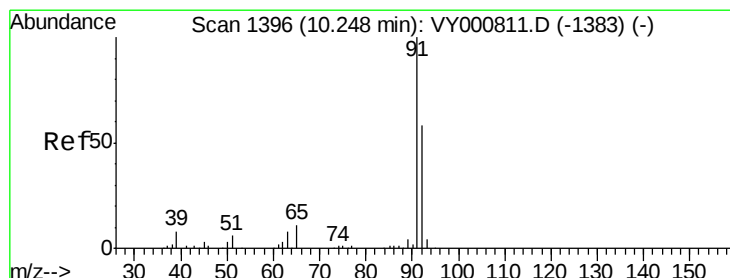
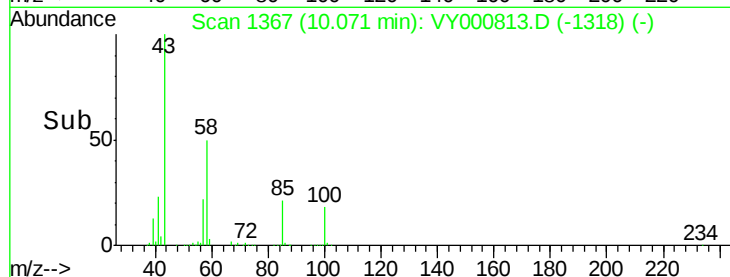
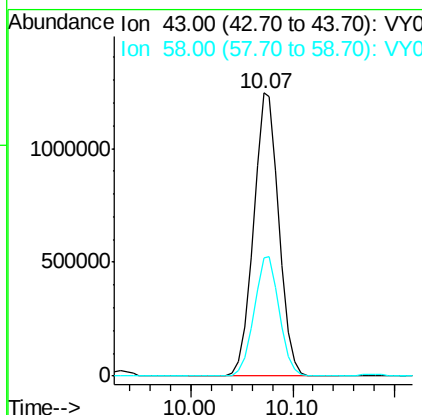
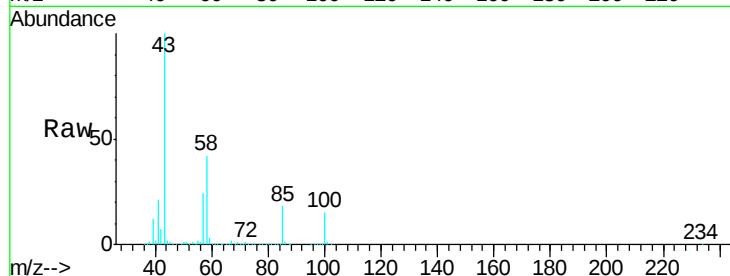




#51
 4-Methyl-2-Pentanone
 Concen: 624.329 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

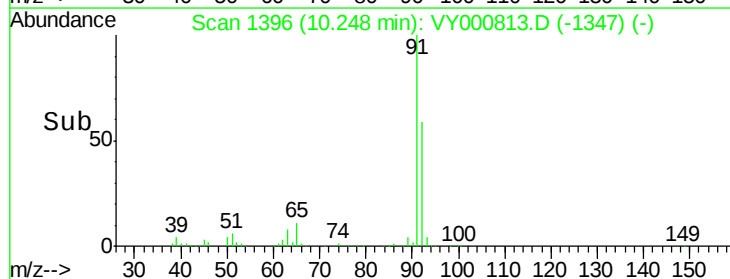
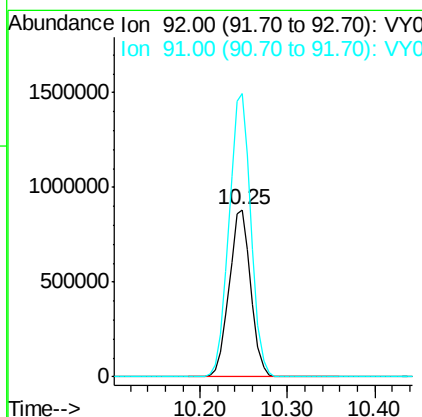
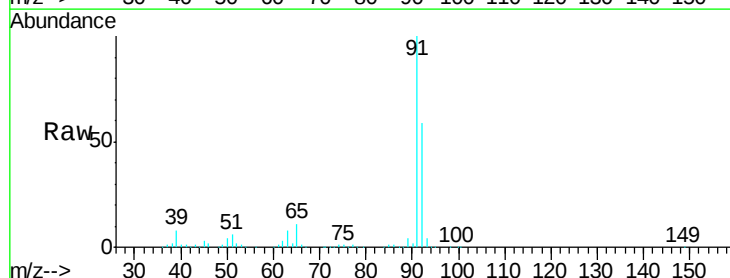
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

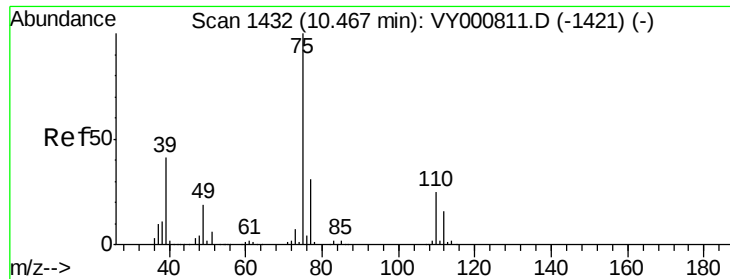
Tgt Ion: 43 Resp: 2150927
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.1 49.7



#52
 Toluene
 Concen: 141.027 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 92 Resp: 1514058
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 143.175 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

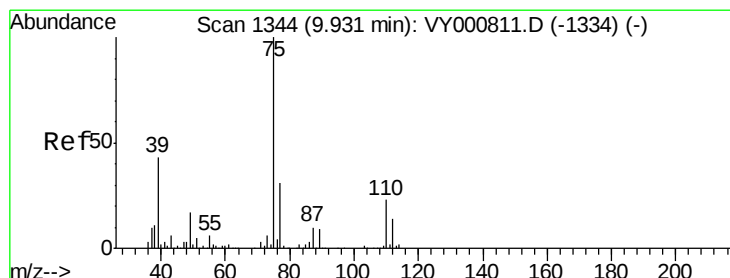
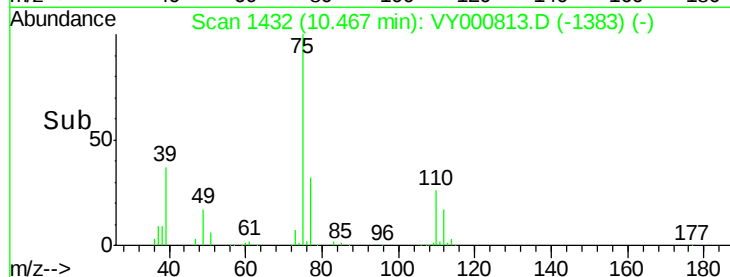
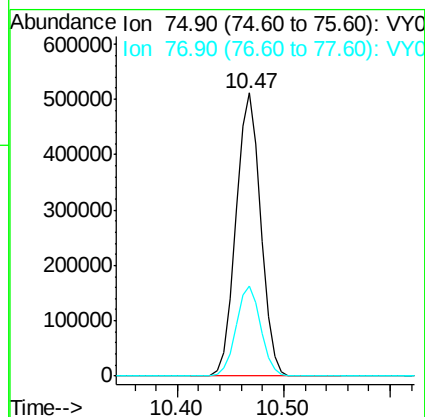
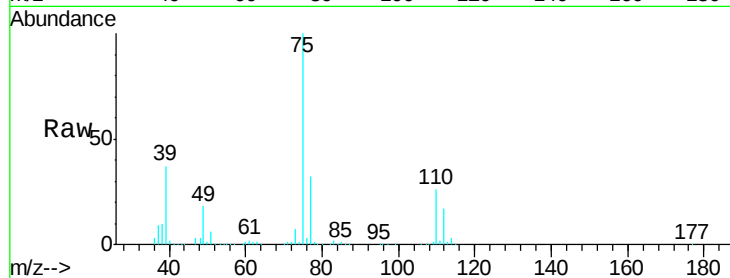
VSTDIC150

Tgt Ion: 75 Resp: 832495

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 145.836 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

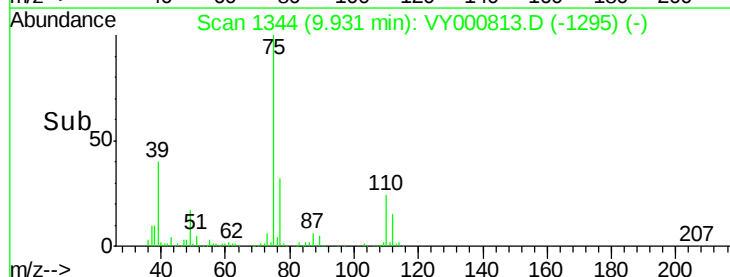
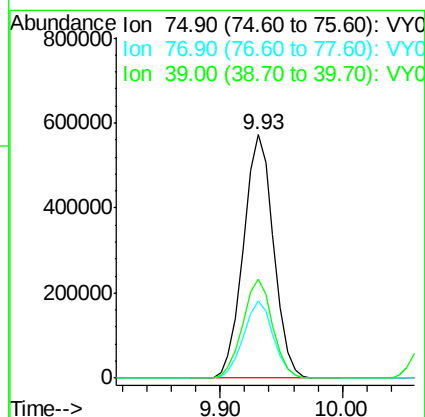
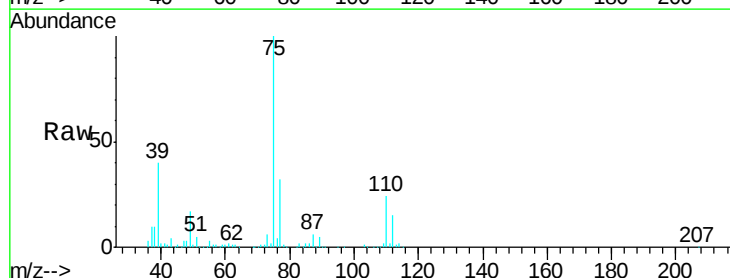
Tgt Ion: 75 Resp: 975200

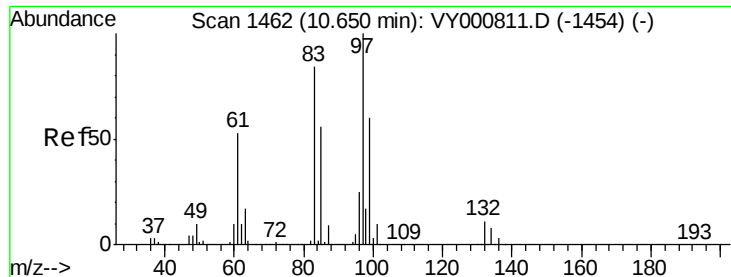
Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 40.4 34.5 51.7

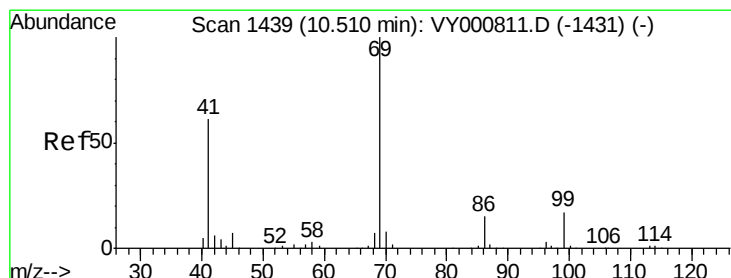
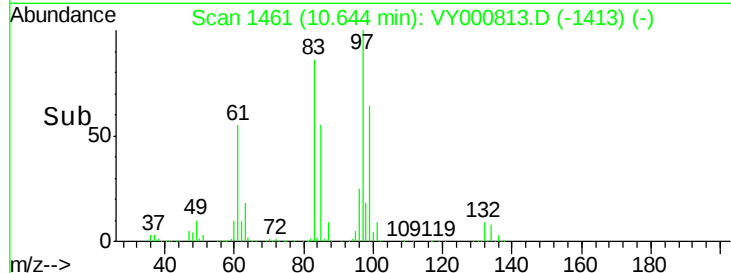
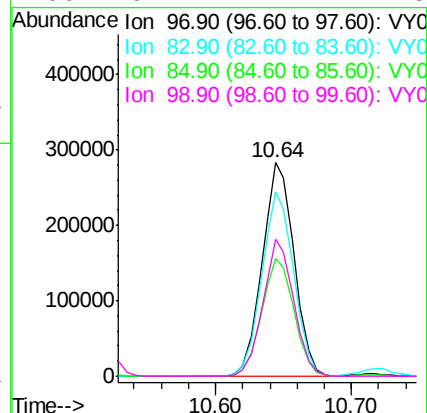
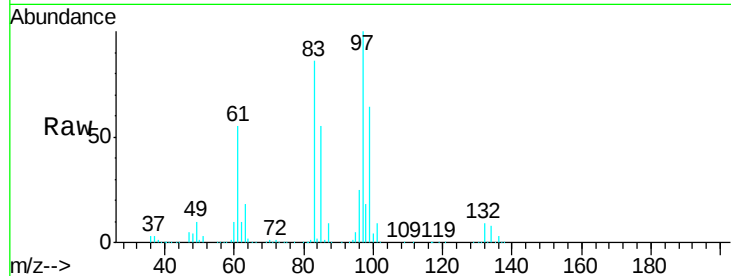




#55
 1,1,2-Trichloroethane
 Concen: 139.532 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

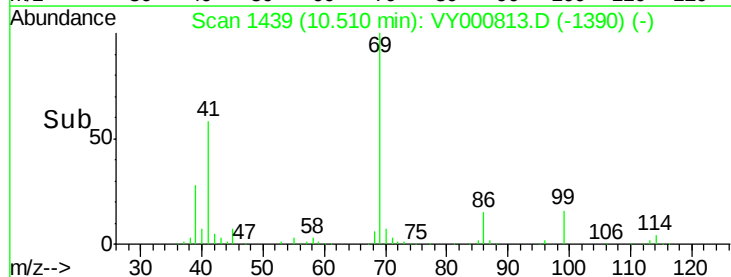
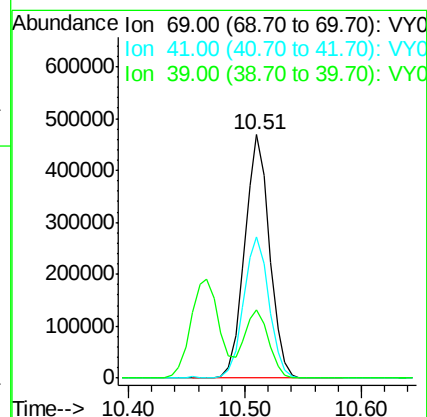
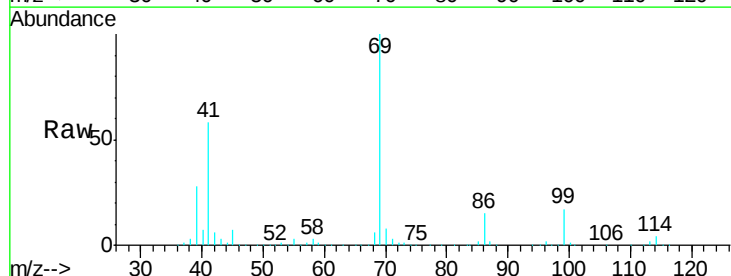
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

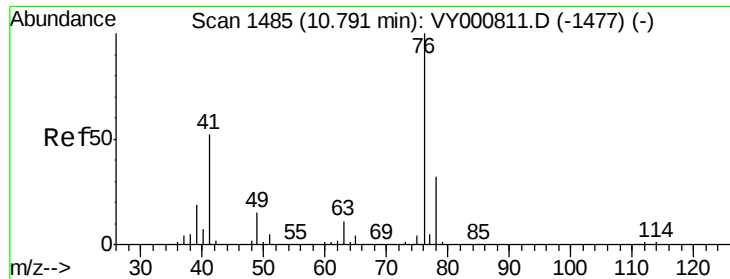
Tgt Ion: 97 Resp: 465342
 Ion Ratio Lower Upper
 97 100
 83 86.0 67.5 101.3
 85 55.4 44.5 66.7
 99 64.2 47.7 71.5



#56
 Ethyl methacrylate
 Concen: 146.748 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 69 Resp: 697641
 Ion Ratio Lower Upper
 69 100
 41 59.0 49.0 73.6
 39 26.8 23.1 34.7





#57

1,3-Dichloropropane

Concen: 139.165 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampled :

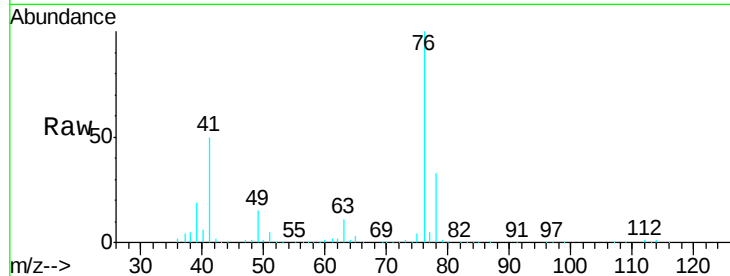
VSTDIC150

Tgt Ion: 76 Resp: 811648

Ion Ratio Lower Upper

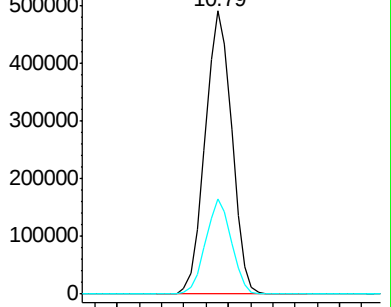
76 100

78 32.5 26.4 39.6

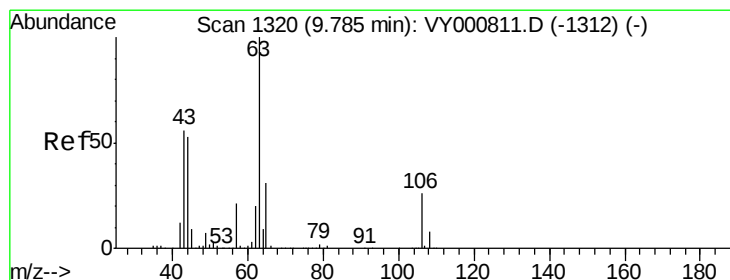
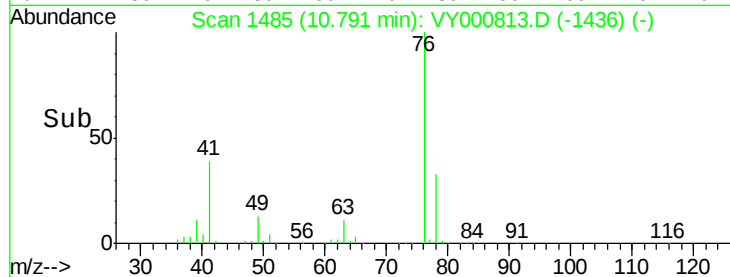


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 624.316 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000813.D

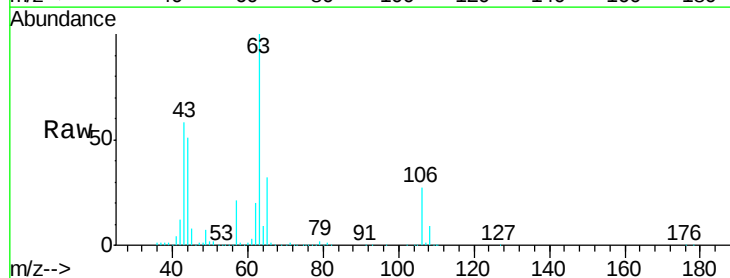
Acq: 27 Nov 2019 12:21

Tgt Ion: 63 Resp: 1287270

Ion Ratio Lower Upper

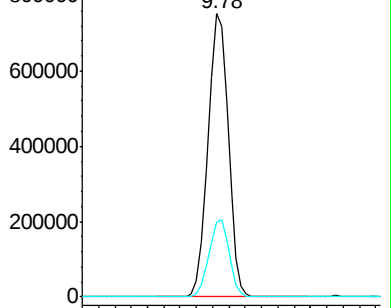
63 100

106 27.0 21.5 32.3

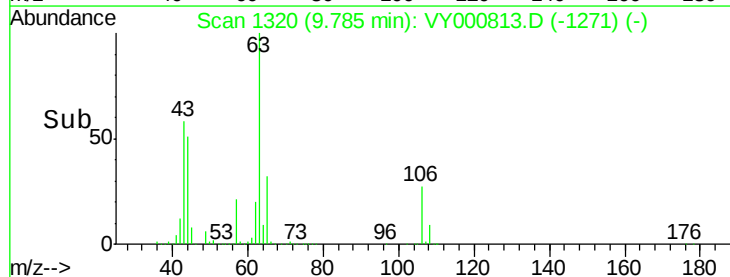


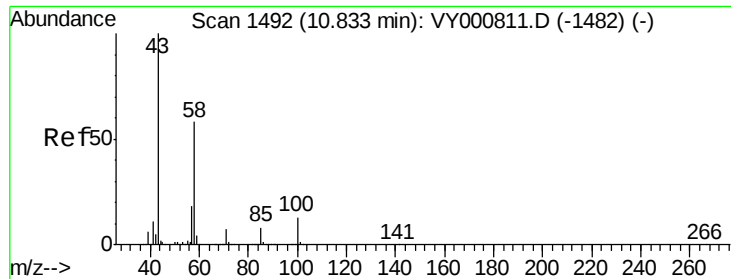
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

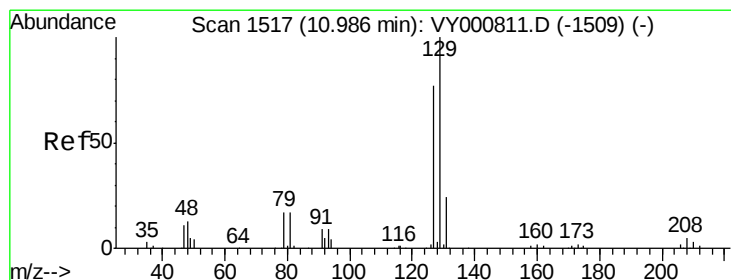
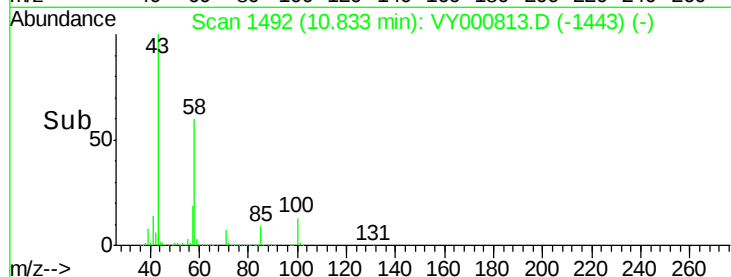
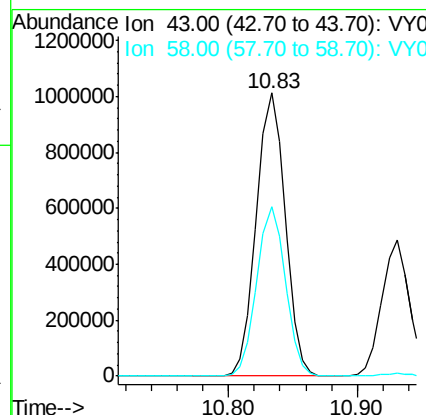
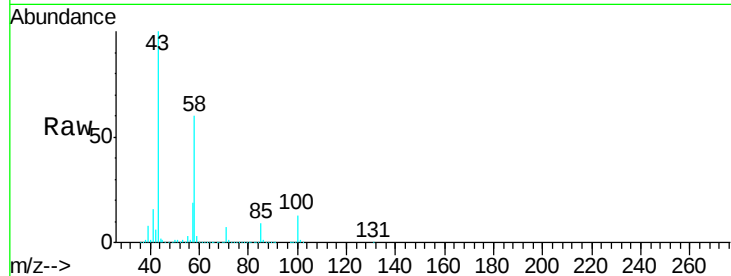




#59
2-Hexanone
Concen: 623.278 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

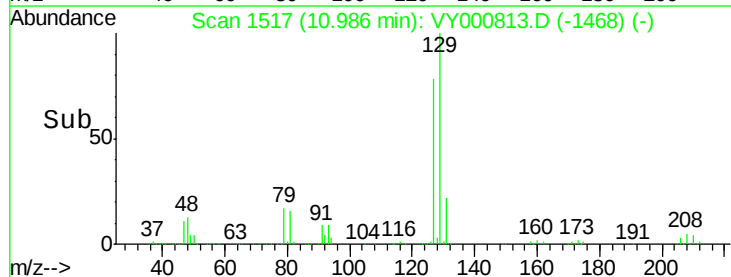
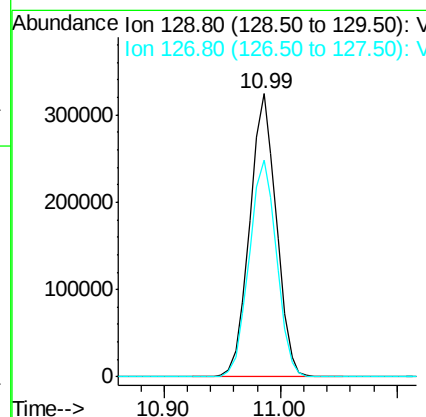
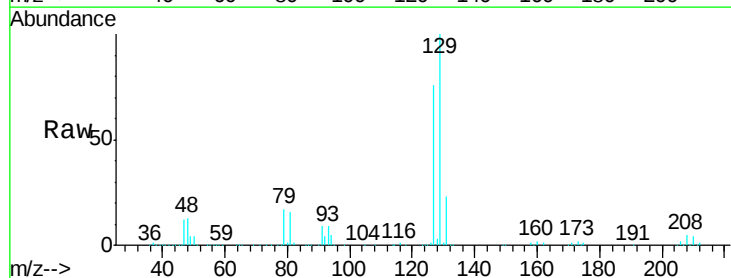
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

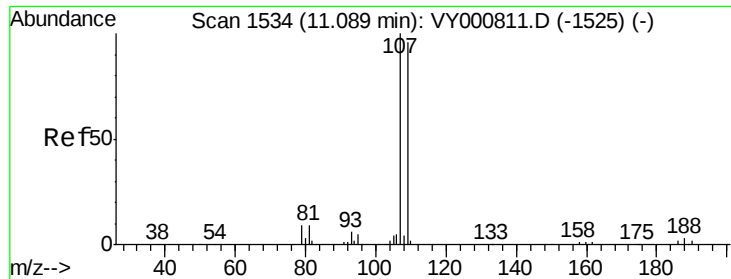
Tgt Ion: 43 Resp: 1572232
Ion Ratio Lower Upper
43 100
58 59.2 29.0 87.1



#60
Dibromochloromethane
Concen: 137.589 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 129 Resp: 520190
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

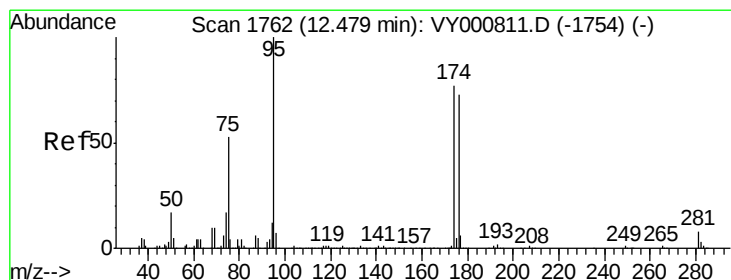
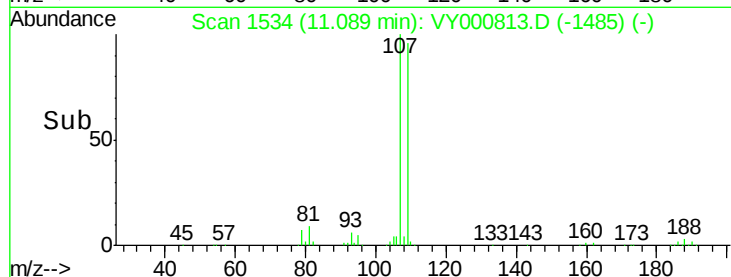
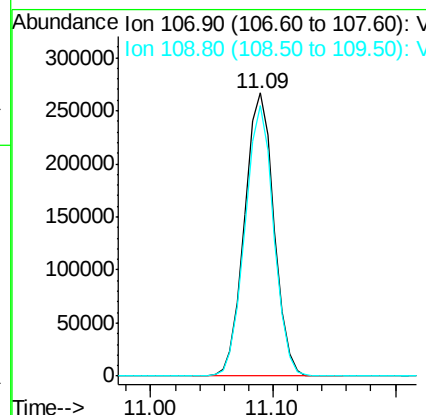
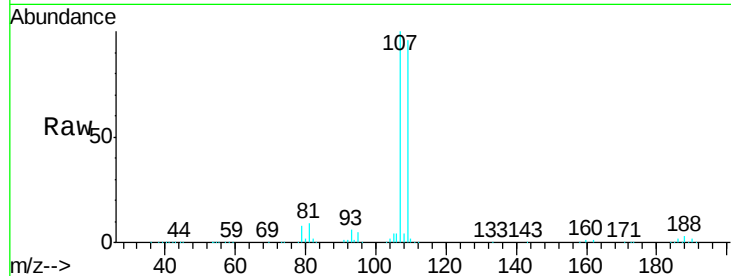




#61
 1,2-Dibromoethane
 Concen: 138.547 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

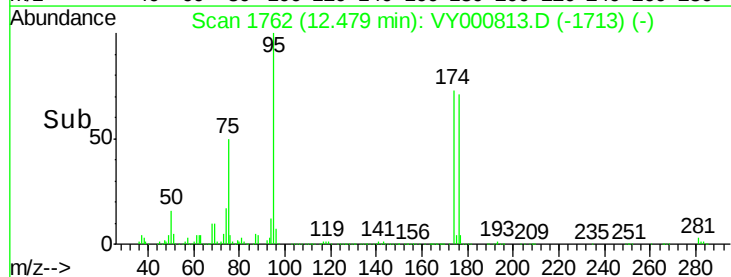
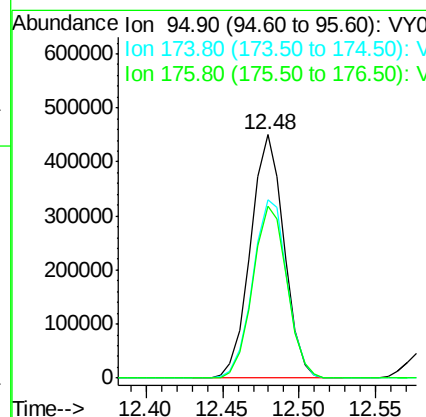
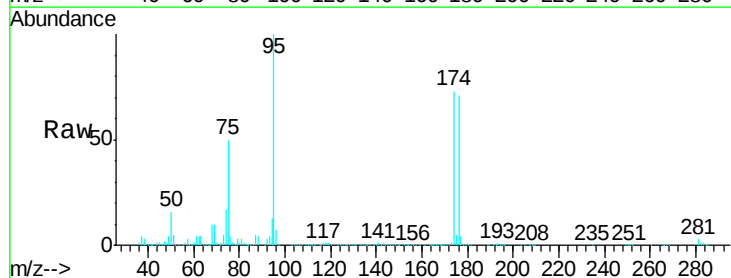
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

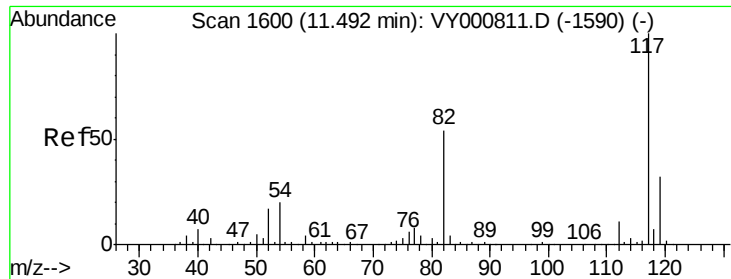
Tgt Ion: 107 Resp: 443108
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 134.919 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 95 Resp: 685424
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.6
 176 72.5 0.0 145.2

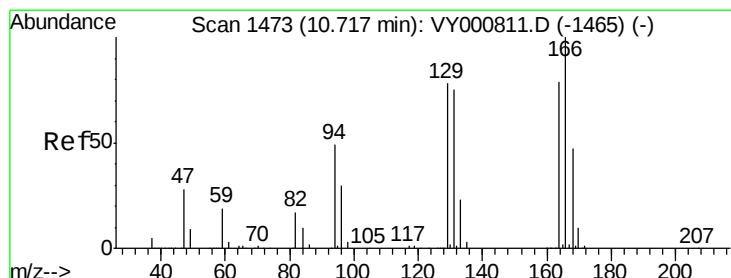
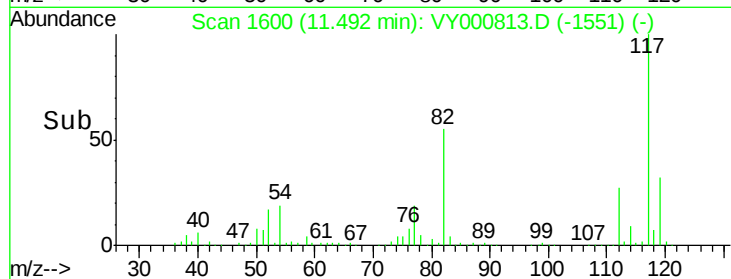
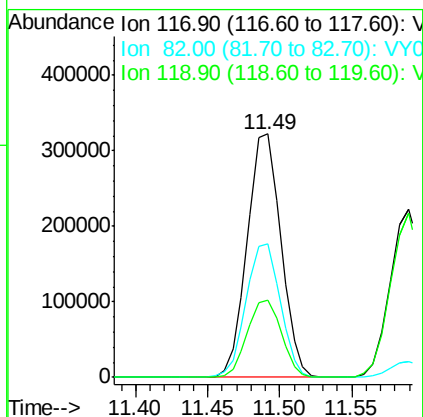
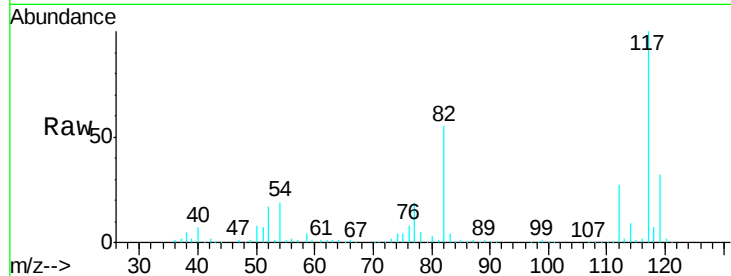




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

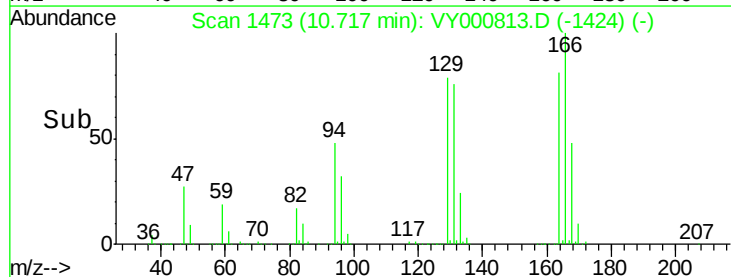
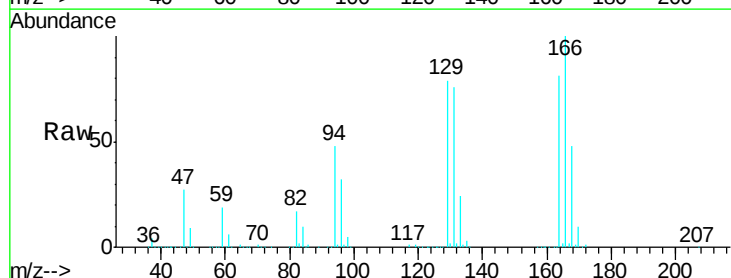
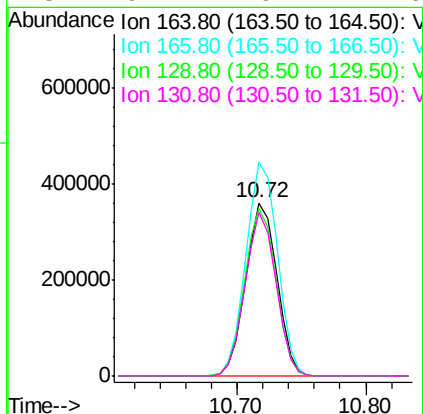
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

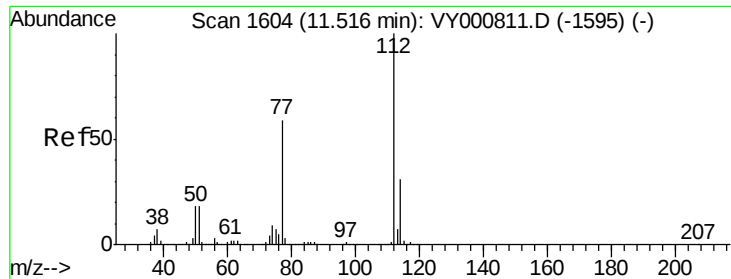
Tgt Ion:117 Resp: 525213
Ion Ratio Lower Upper
117 100
82 55.0 43.1 64.7
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 137.142 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion:164 Resp: 602356
Ion Ratio Lower Upper
164 100
166 123.1 101.8 152.8
129 96.9 79.3 118.9
131 94.1 76.4 114.6





#65

Chlorobenzene

Concen: 141.787 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

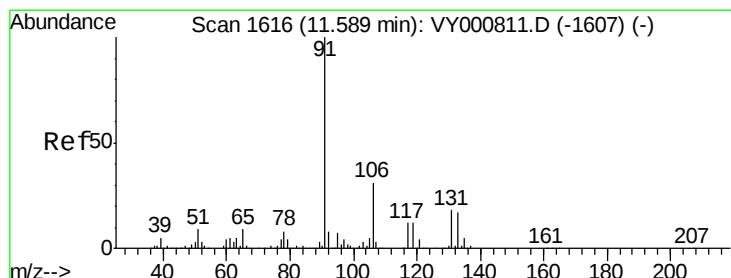
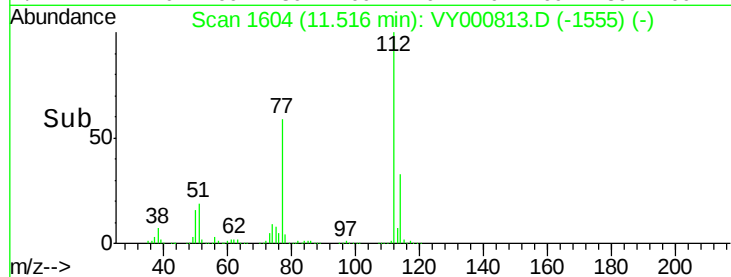
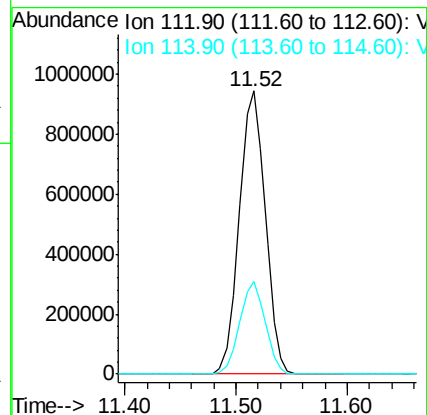
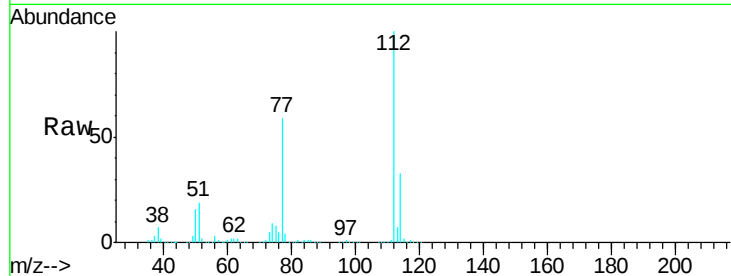
VSTDIC150

Tgt Ion:112 Resp: 1527849

Ion Ratio Lower Upper

112 100

114 32.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 140.711 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

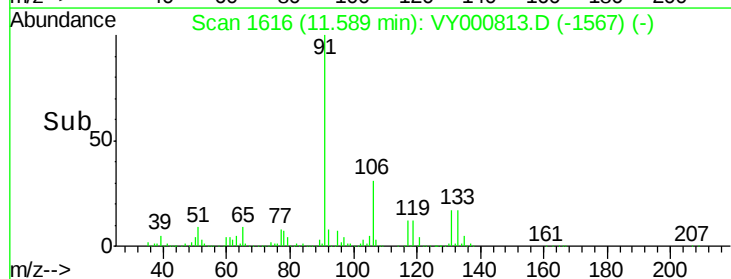
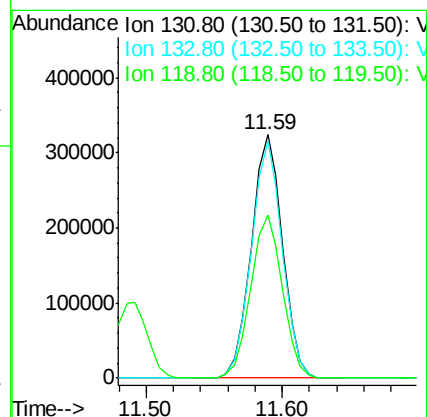
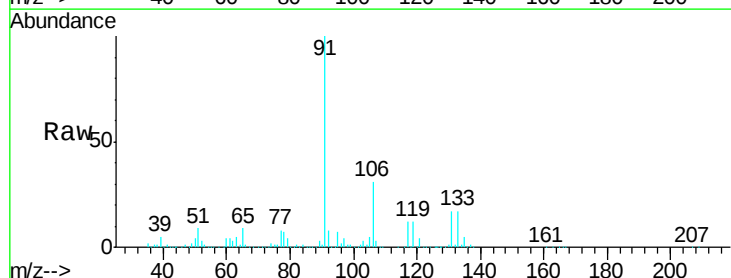
Tgt Ion:131 Resp: 521661

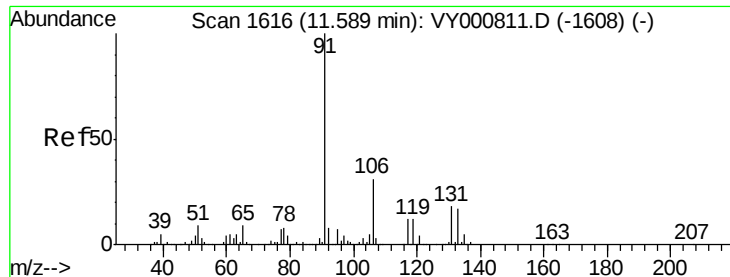
Ion Ratio Lower Upper

131 100

133 96.3 47.4 142.2

119 67.9 33.8 101.3





#67

Ethyl Benzene

Concen: 144.730 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

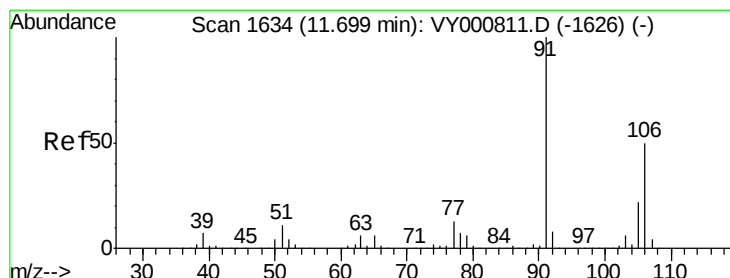
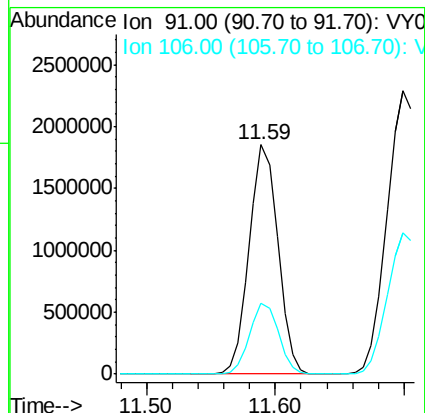
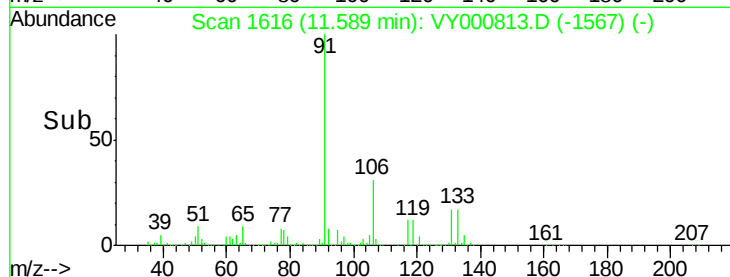
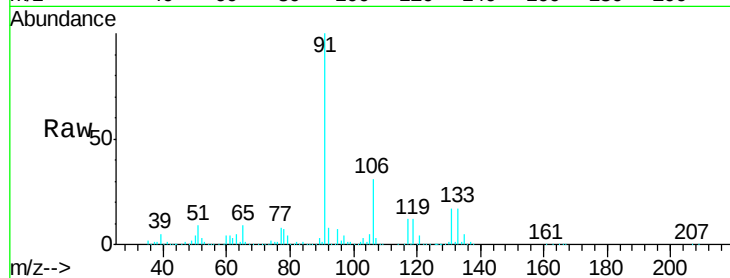
VSTDIC150

Tgt Ion: 91 Resp: 2862581

Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6



#68

m/p-Xylenes

Concen: 280.627 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000813.D

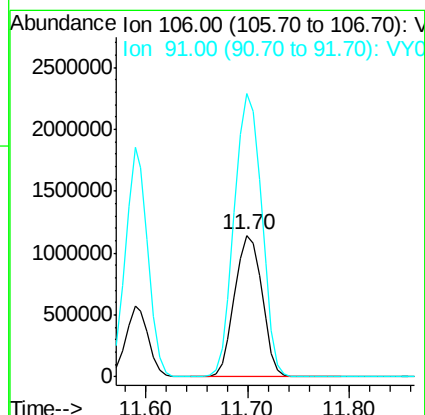
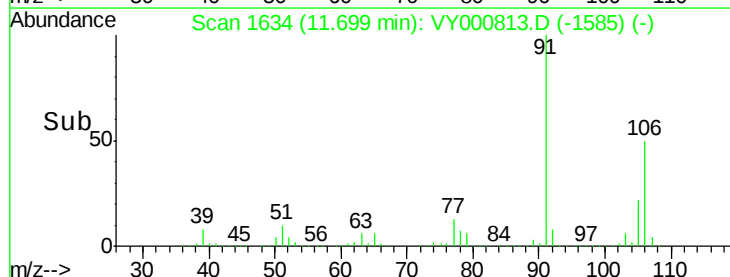
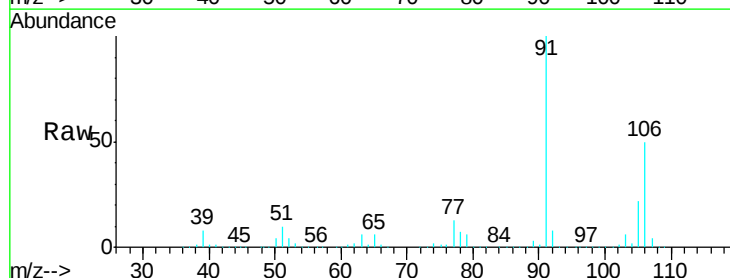
Acq: 27 Nov 2019 12:21

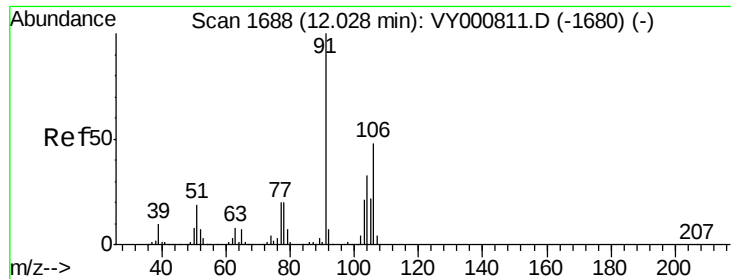
Tgt Ion: 106 Resp: 2133182

Ion Ratio Lower Upper

106 100

91 200.0 159.6 239.4

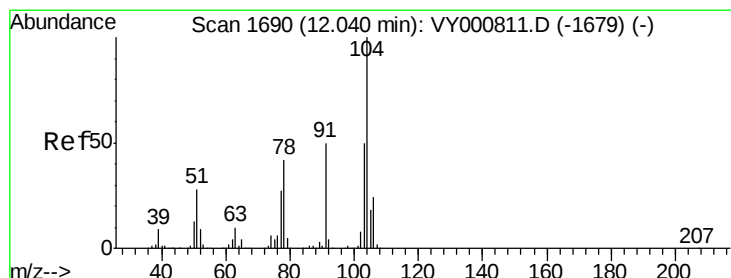
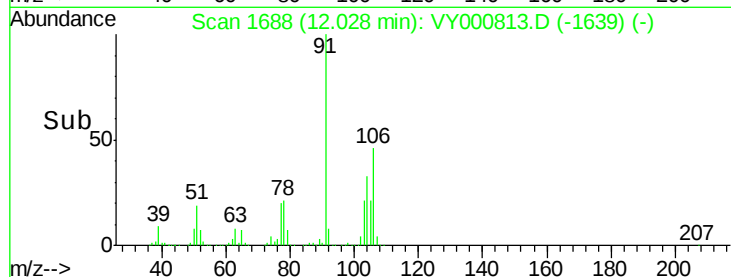
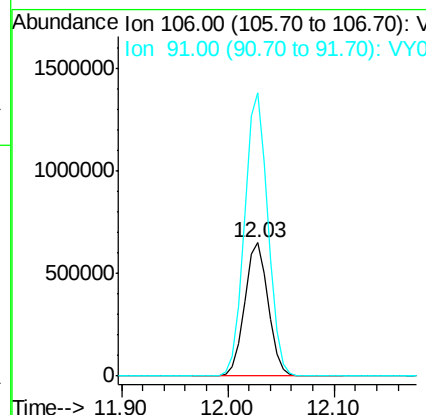
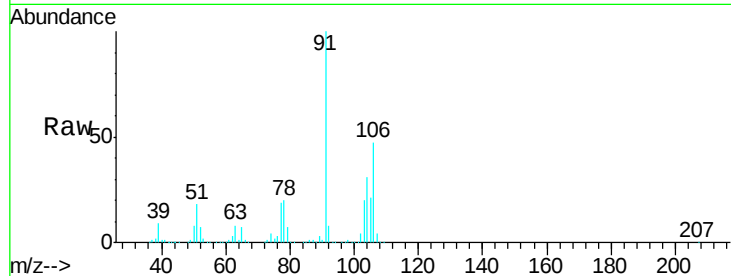




#69
o-Xylene
Concen: 140.058 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

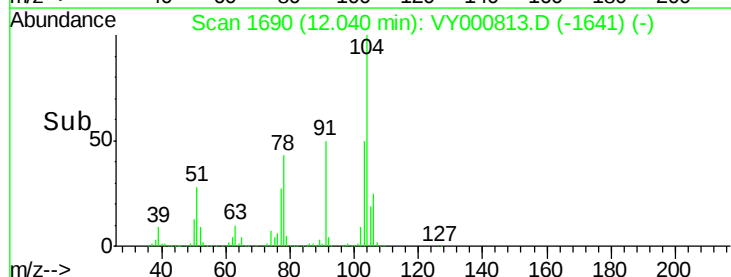
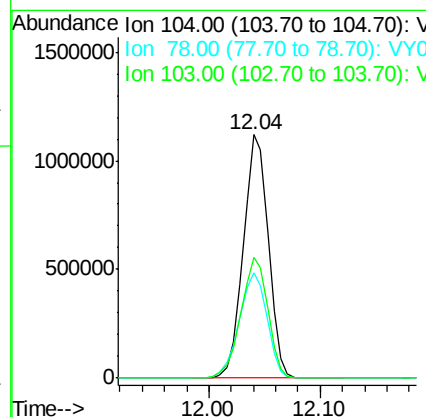
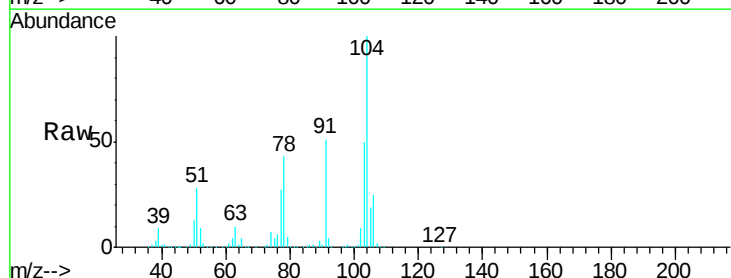
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

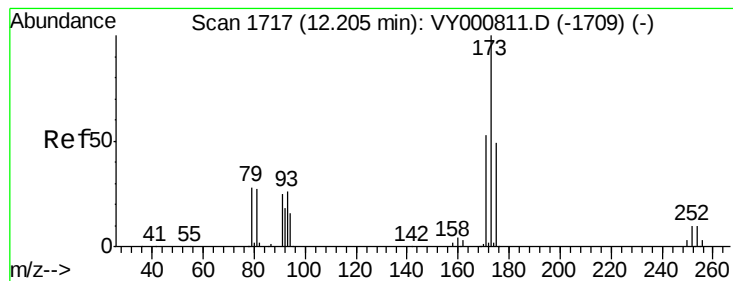
Tgt Ion:106 Resp: 1005468
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.1



#70
Styrene
Concen: 141.531 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion:104 Resp: 1736105
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 53.5 43.4 65.0





#71

Bromoform

Concen: 141.754 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

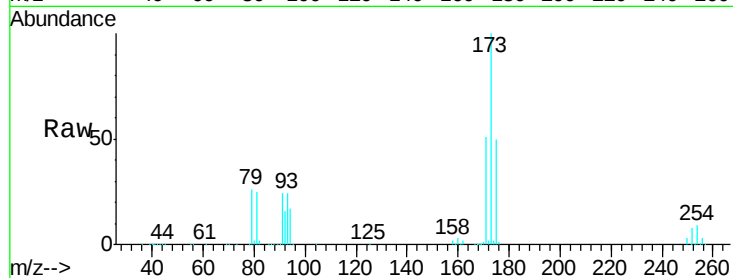
Tgt Ion:173 Resp: 302610

Ion Ratio Lower Upper

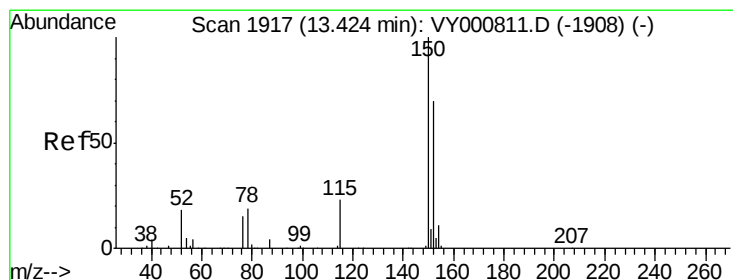
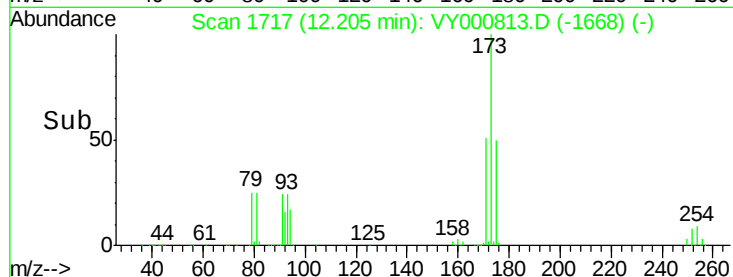
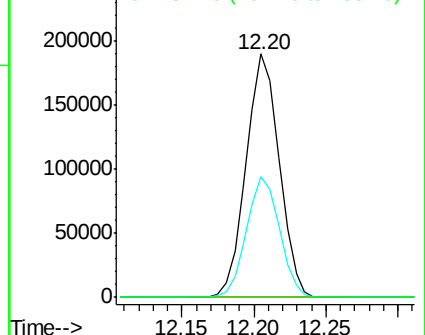
173 100

175 49.3 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

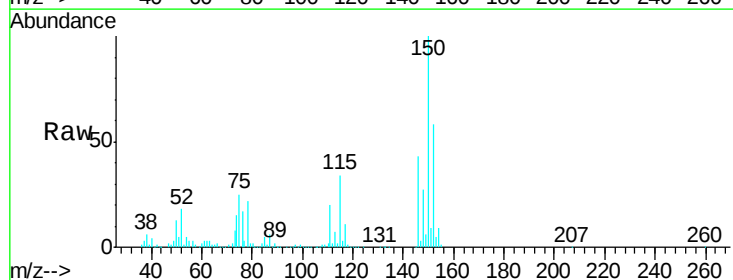
Tgt Ion:152 Resp: 231798

Ion Ratio Lower Upper

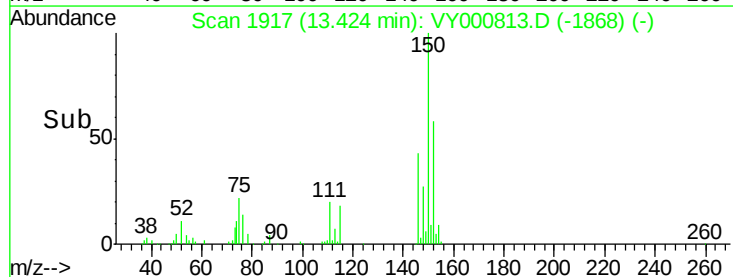
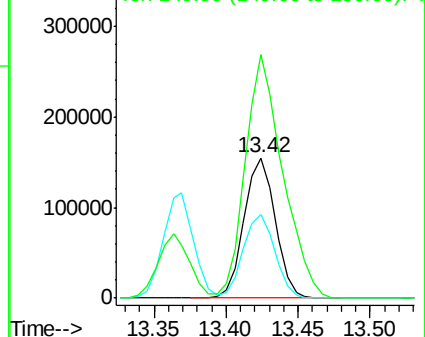
152 100

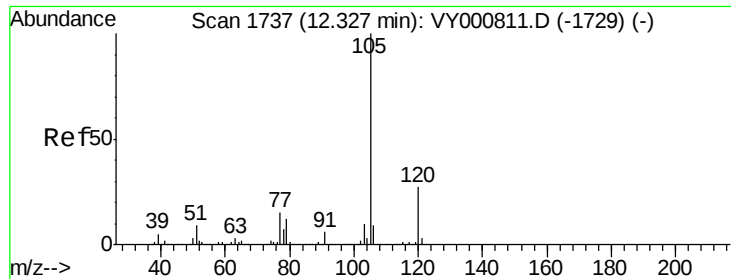
115 60.4 29.3 87.8

150 207.9 0.0 351.2



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: 155.321 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

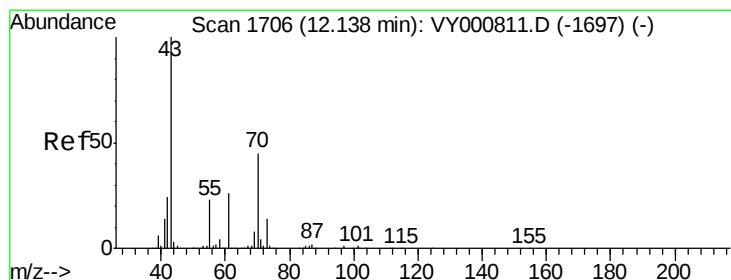
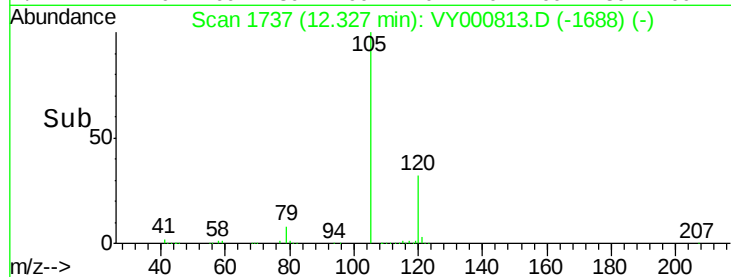
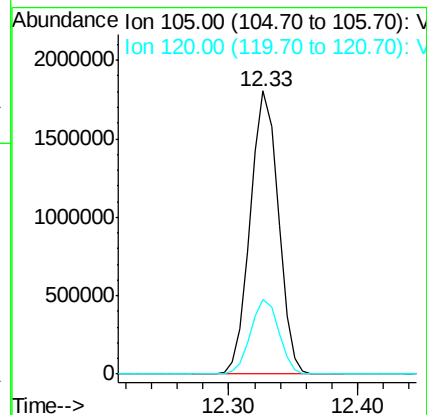
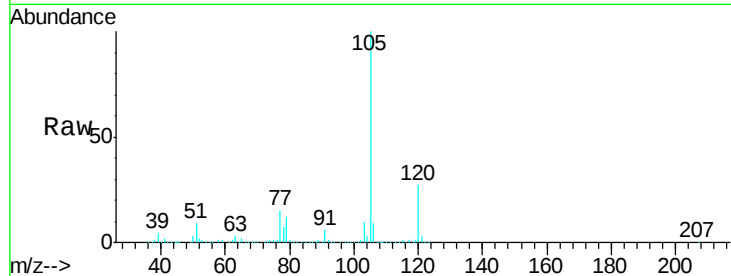
VSTDIC150

Tgt Ion:105 Resp: 2711758

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 143.215 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion: 43 Resp: 716388

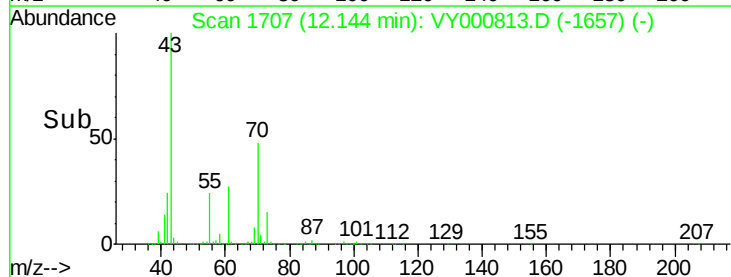
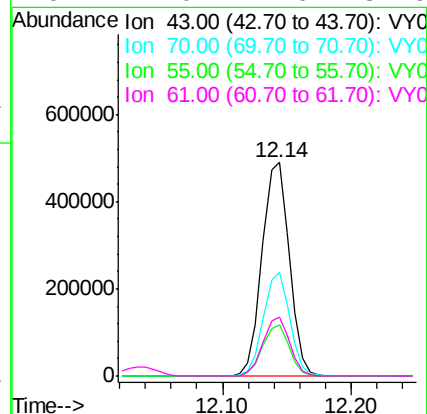
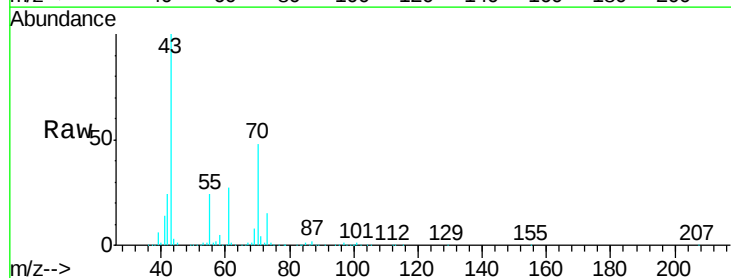
Ion Ratio Lower Upper

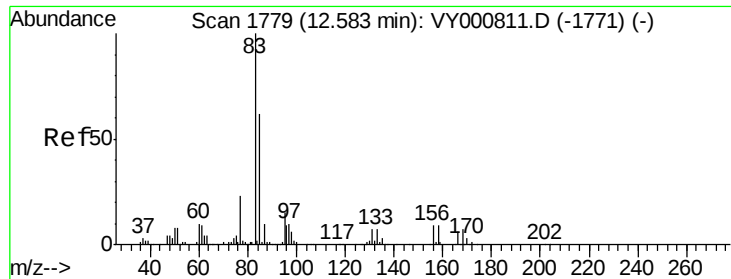
43 100

70 47.0 36.6 54.8

55 23.6 18.8 28.2

61 27.0 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 149.983 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

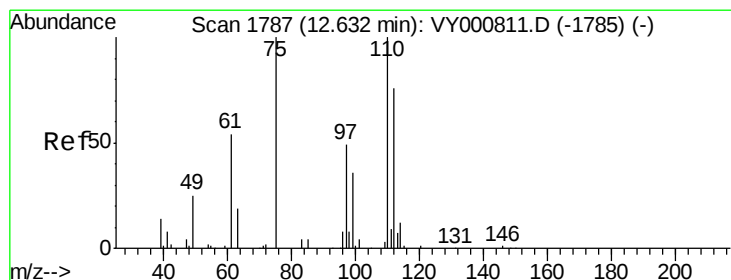
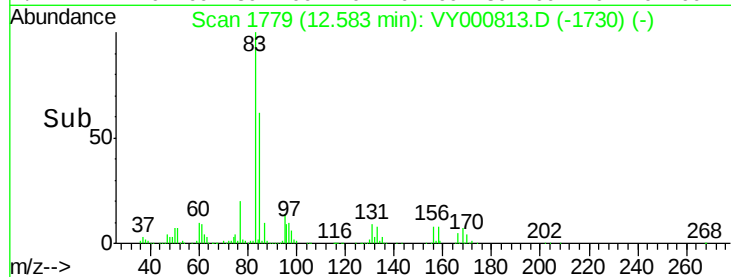
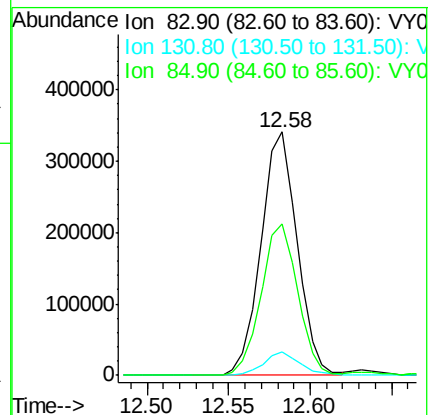
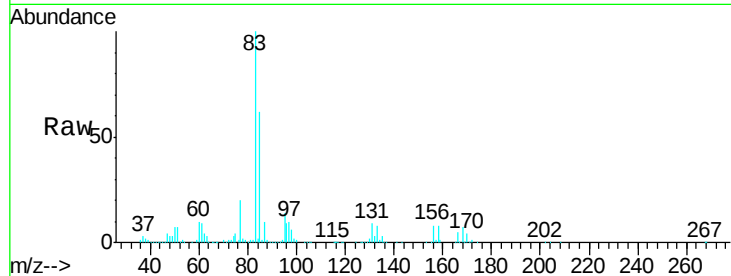
Tgt Ion: 83 Resp: 524587

Ion Ratio Lower Upper

83 100

131 9.5 4.3 13.1

85 62.8 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 275.041 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000813.D

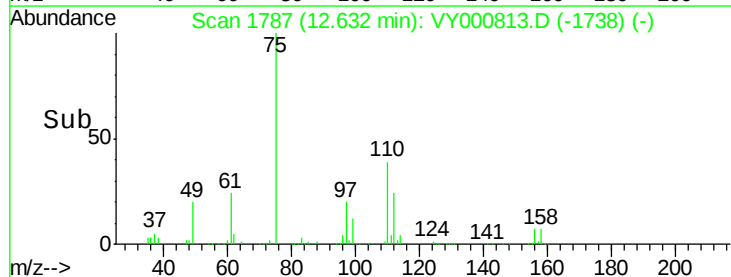
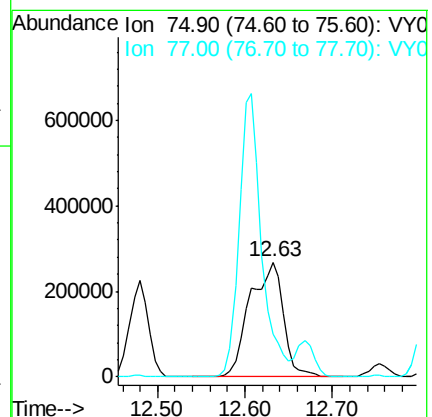
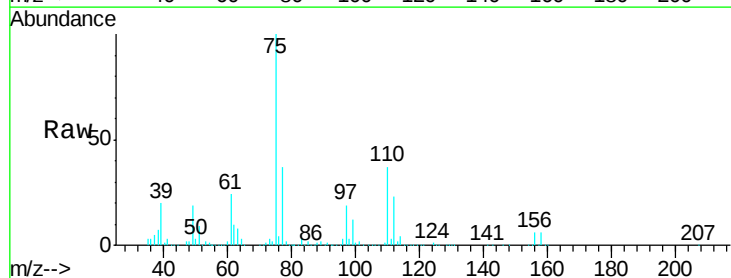
Acq: 27 Nov 2019 12:21

Tgt Ion: 75 Resp: 716205

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 147.321 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

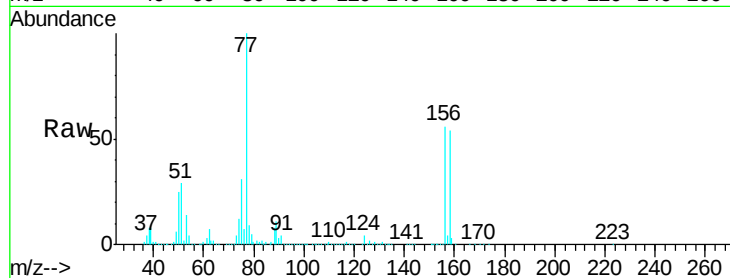
Tgt Ion:156 Resp: 581568

Ion Ratio Lower Upper

156 100

77 204.2 102.6 307.7

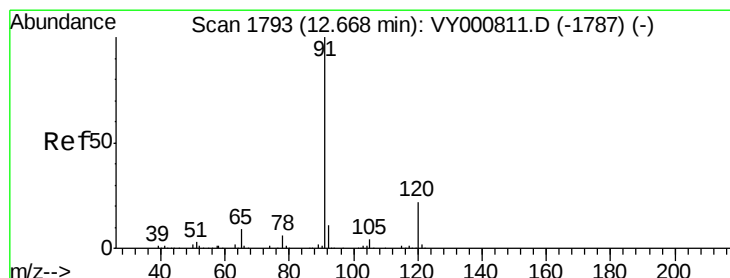
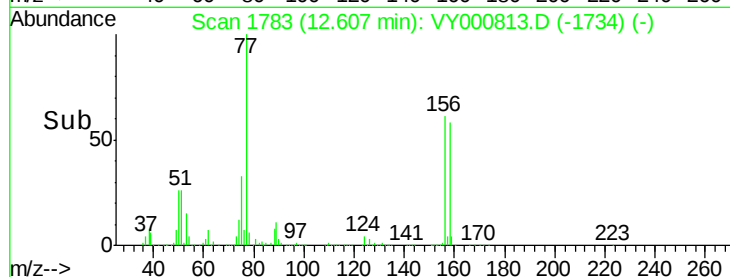
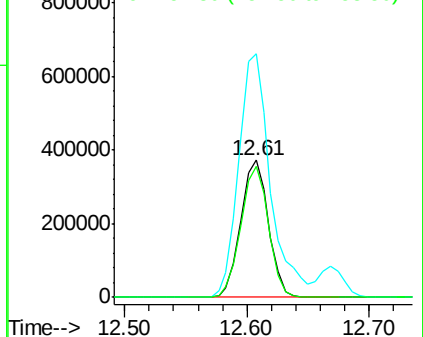
158 95.8 47.6 142.8



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: 155.712 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000813.D

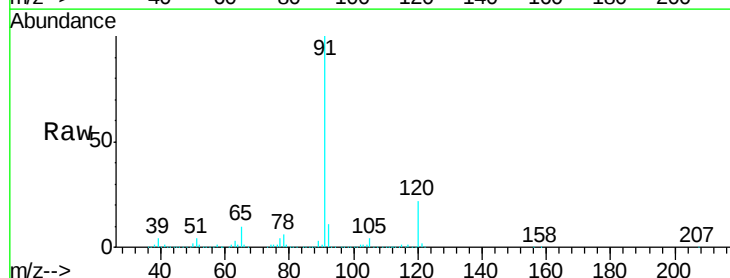
Acq: 27 Nov 2019 12:21

Tgt Ion: 91 Resp: 3285110

Ion Ratio Lower Upper

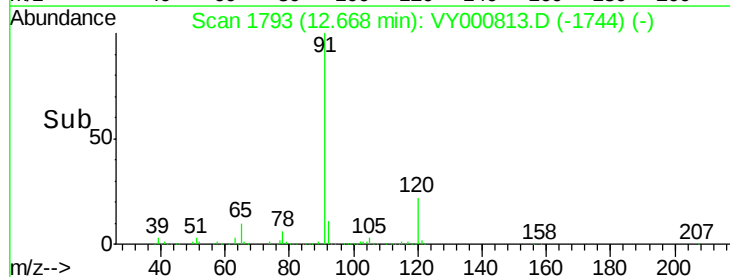
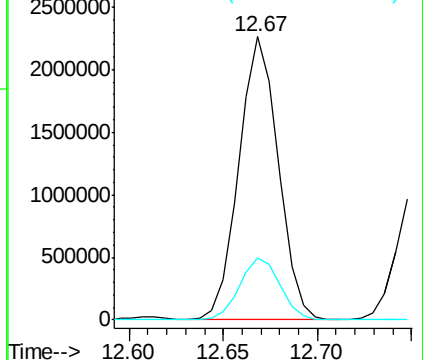
91 100

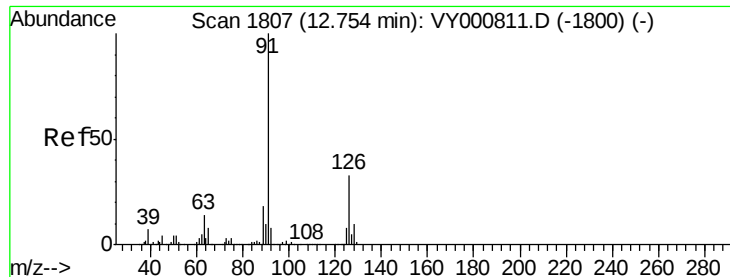
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

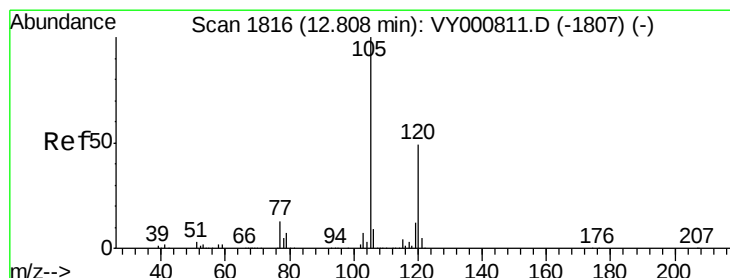
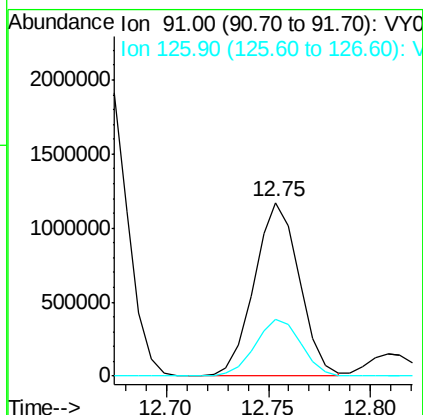
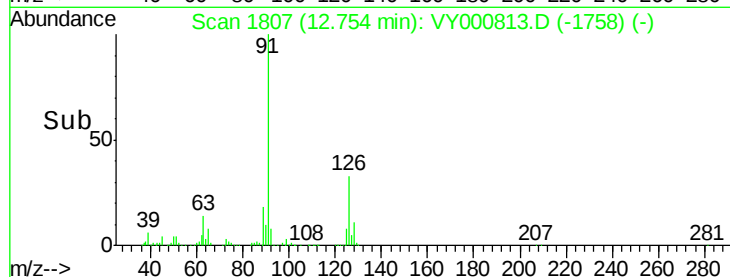
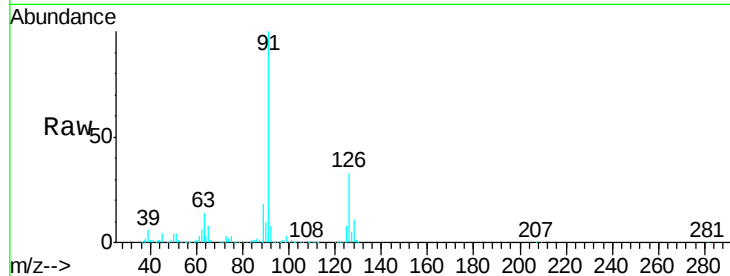




#79
 2-Chlorotoluene
 Concen: 153.729 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

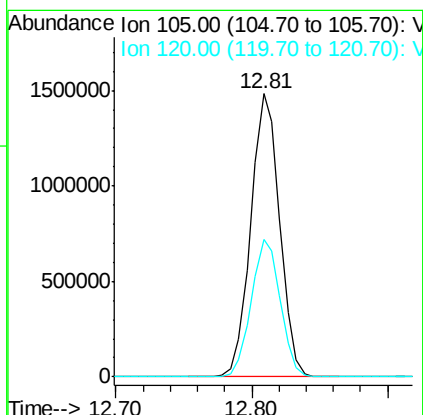
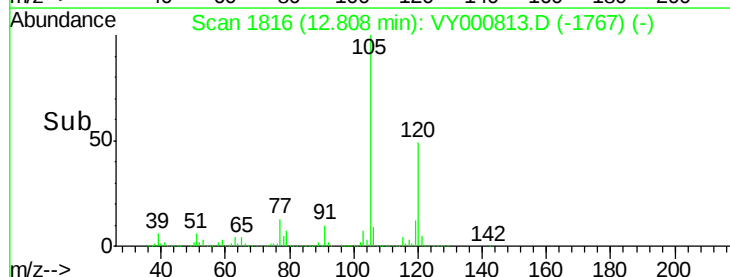
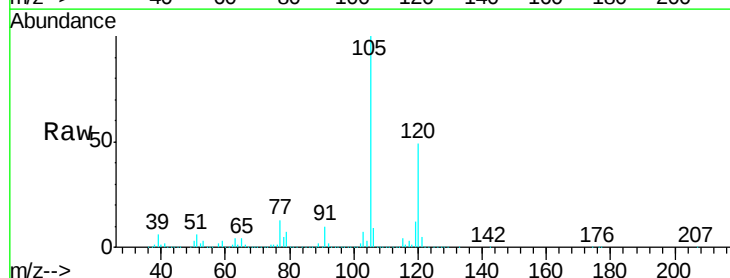
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

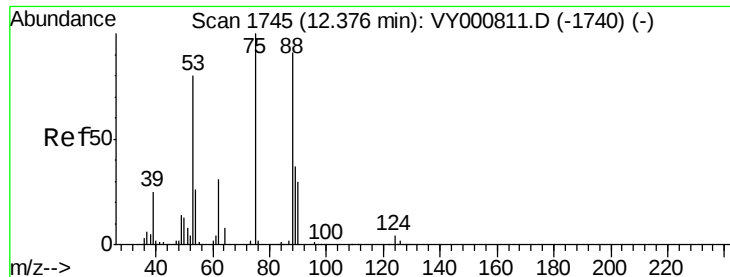
Tgt Ion: 91 Resp: 1799867
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 152.072 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 105 Resp: 2204472
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 166.771 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

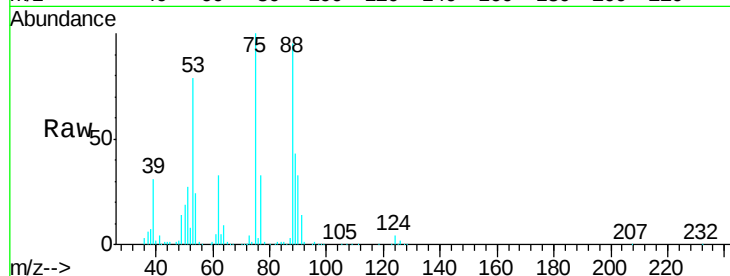
Tgt Ion: 75 Resp: 205259

Ion Ratio Lower Upper

75 100

53 78.3 64.6 96.8

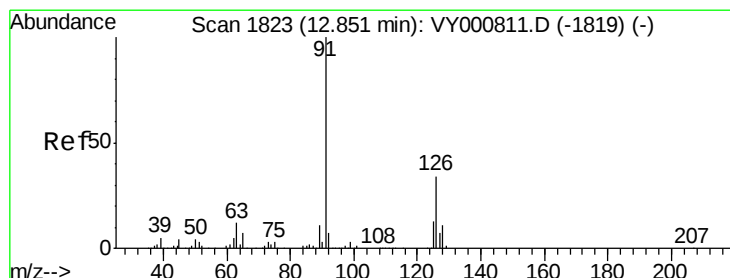
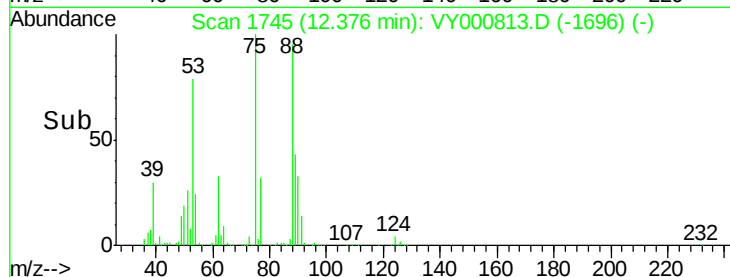
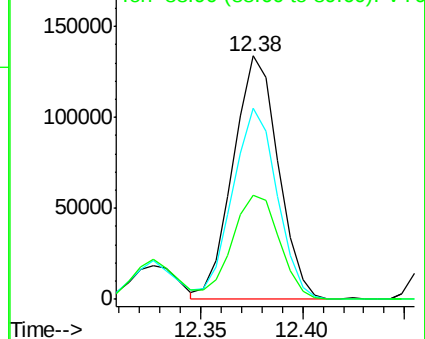
89 44.8 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 153.628 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000813.D

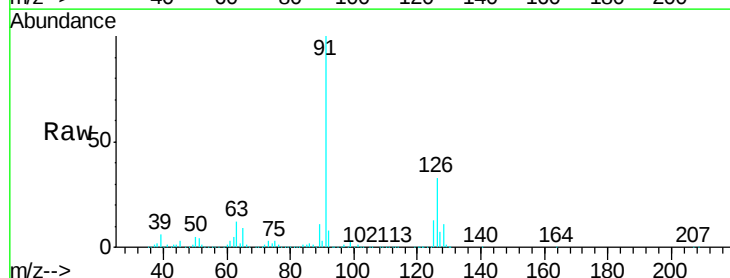
Acq: 27 Nov 2019 12:21

Tgt Ion: 91 Resp: 1856628

Ion Ratio Lower Upper

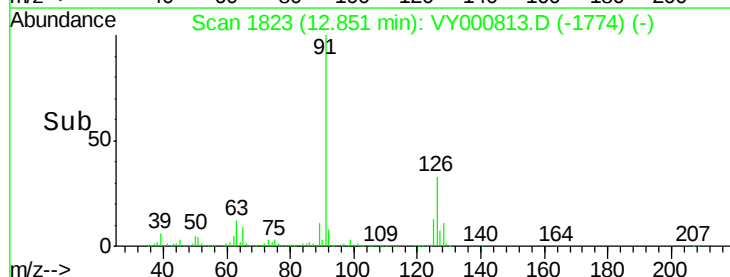
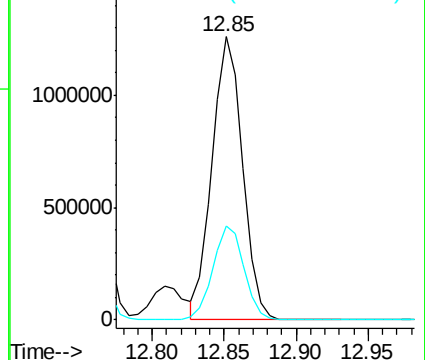
91 100

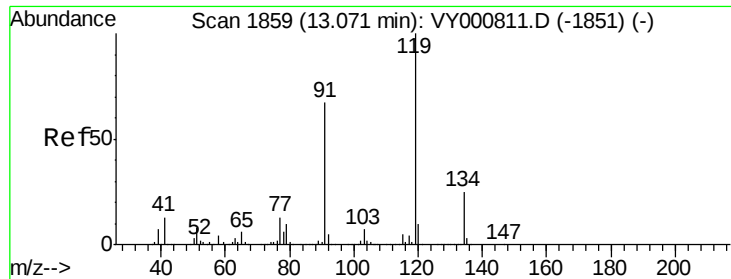
126 34.0 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

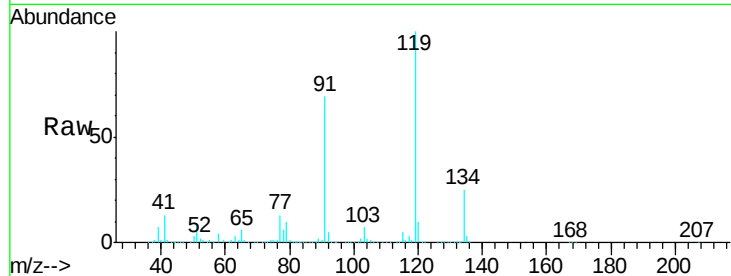




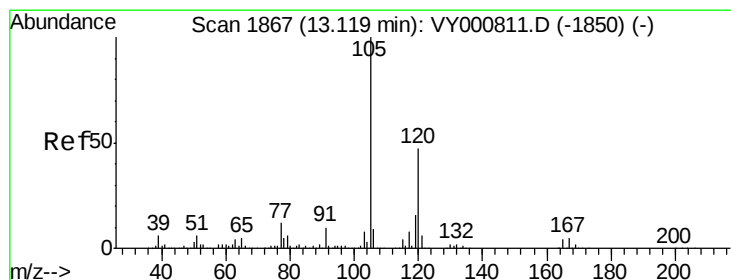
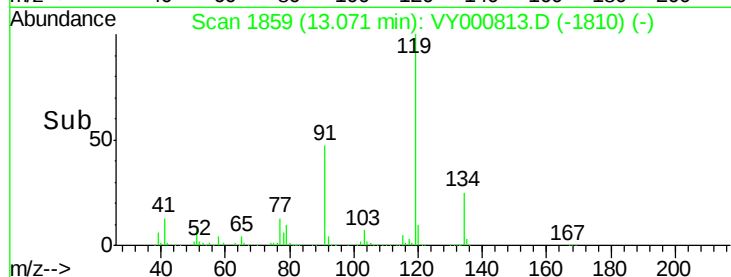
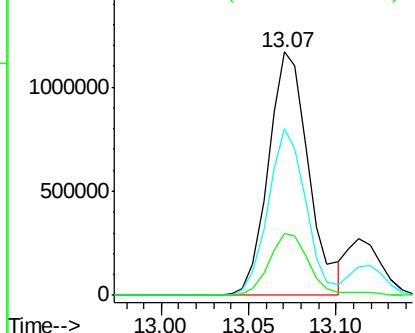
#83
 tert-Butylbenzene
 Concen: 152.098 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1880525
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.8
 134 25.5 12.9 38.7

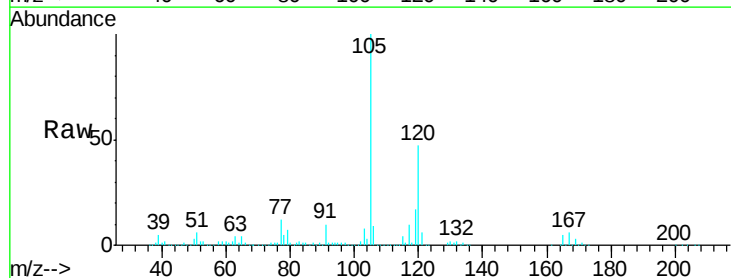


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

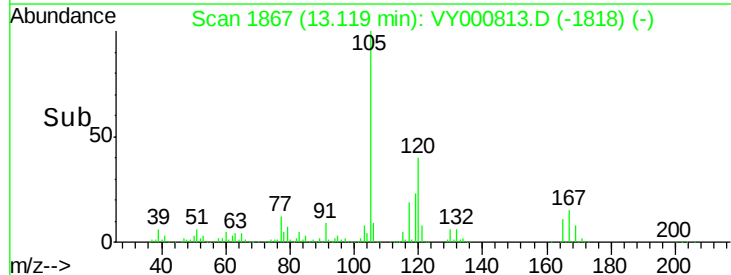
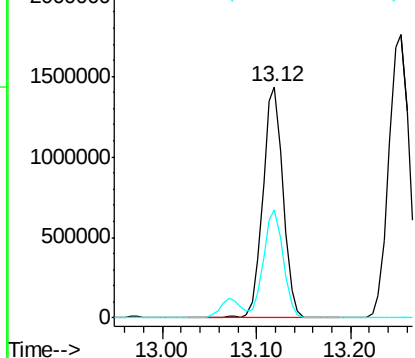


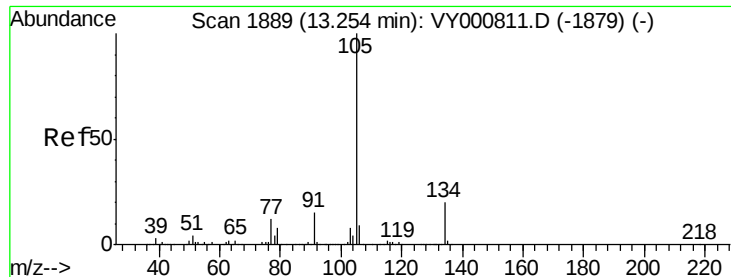
#84
 1,2,4-Trimethylbenzene
 Concen: 150.313 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion:105 Resp: 2166662
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 152.289 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

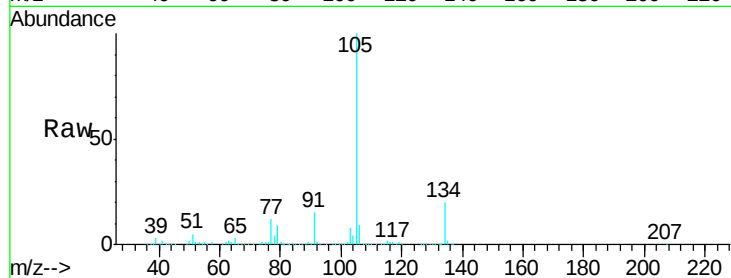
VSTDIC150

Tgt Ion:105 Resp: 2679122

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

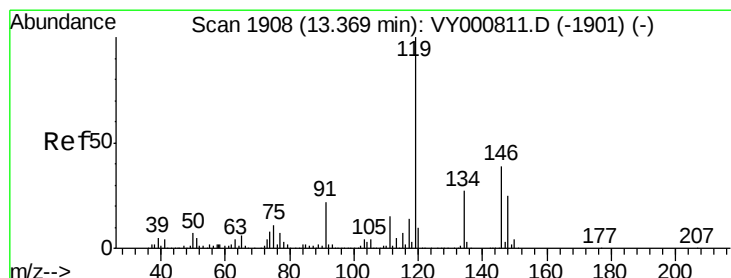
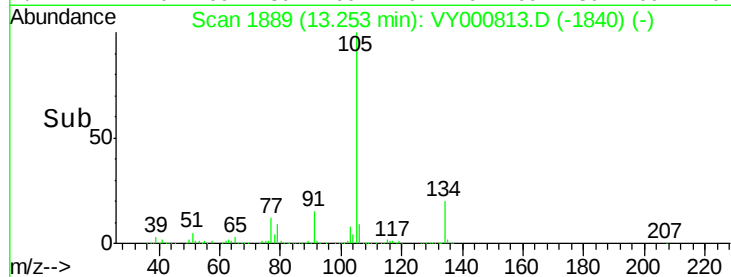
1000000

500000

0

13.15 13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 147.032 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

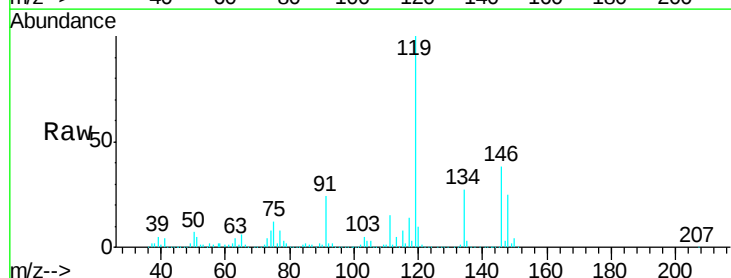
Tgt Ion:119 Resp: 2302070

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 24.0 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

2000000

1500000

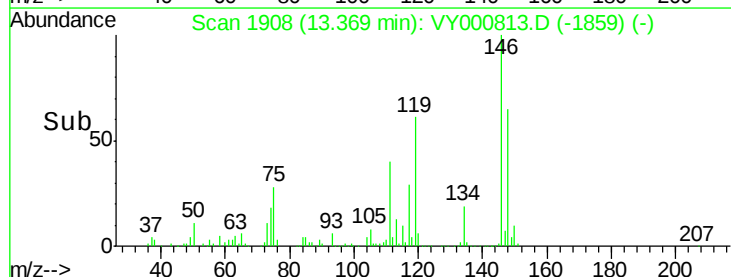
1000000

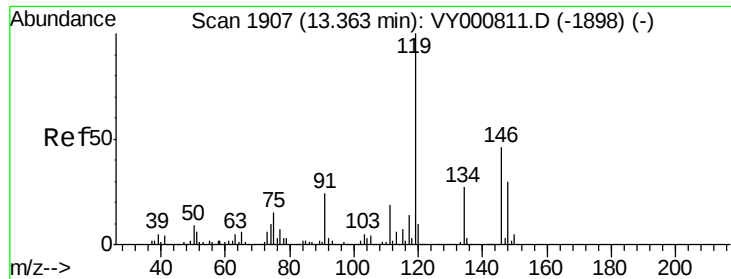
500000

0

13.30 13.35 13.40

Time-->

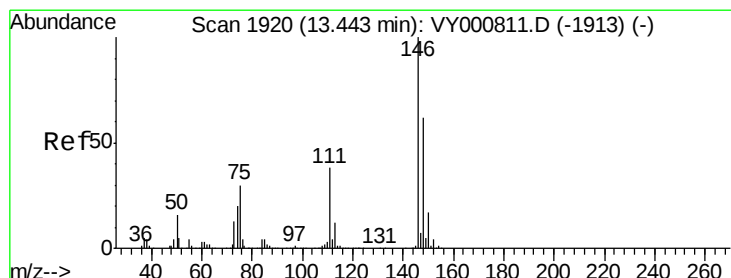
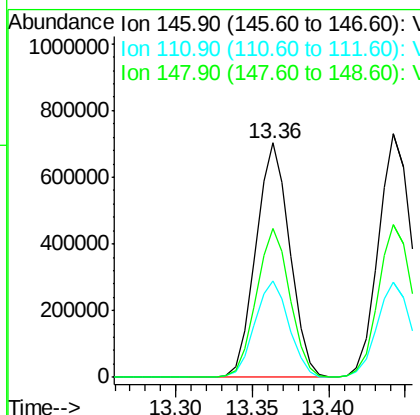
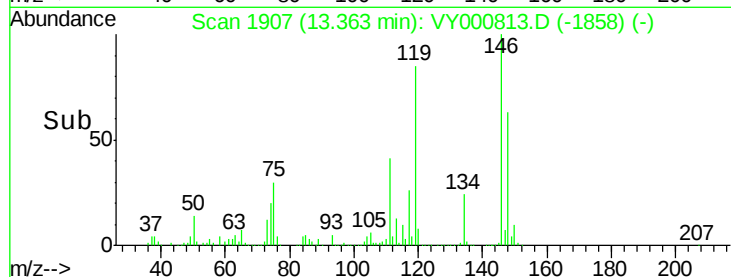
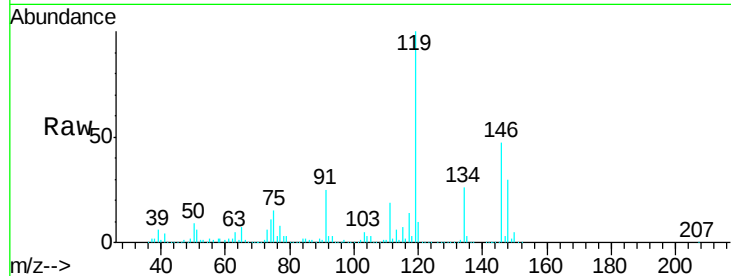




#87
 1,3-Dichlorobenzene
 Concen: 140.994 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

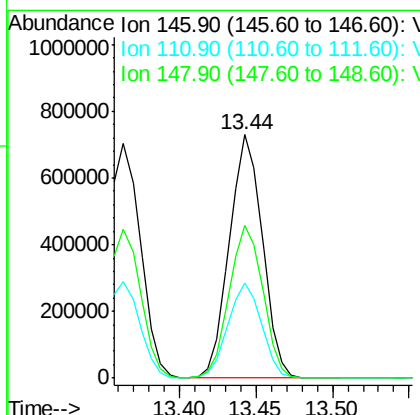
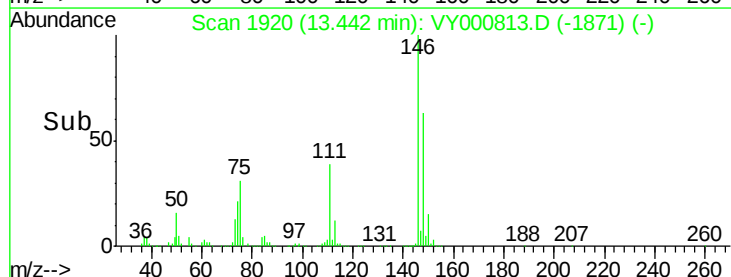
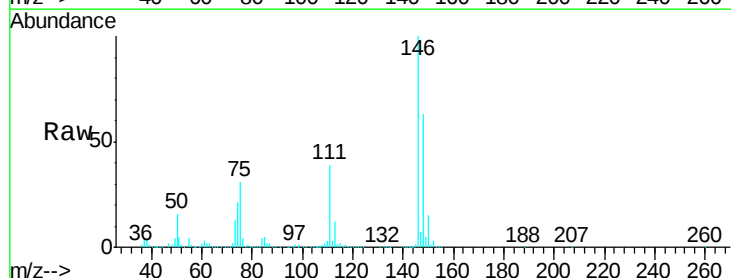
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

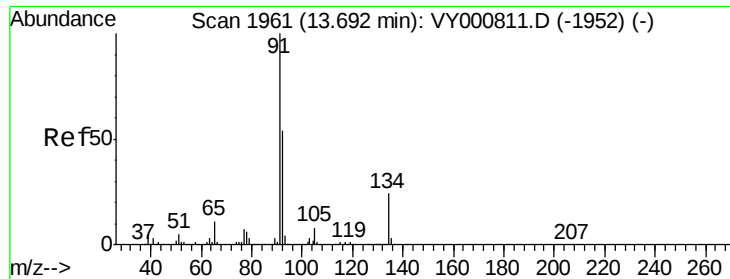
Tgt Ion:146 Resp: 1082836
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 142.534 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion:146 Resp: 1094868
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 63.6 31.7 95.1

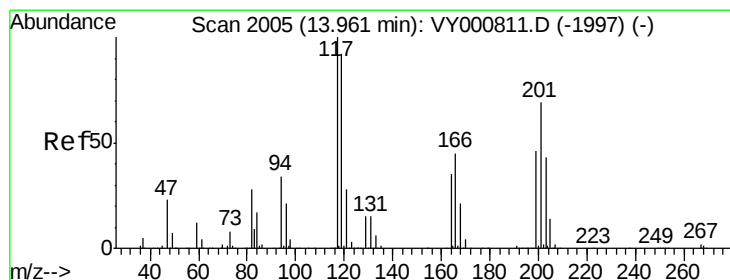
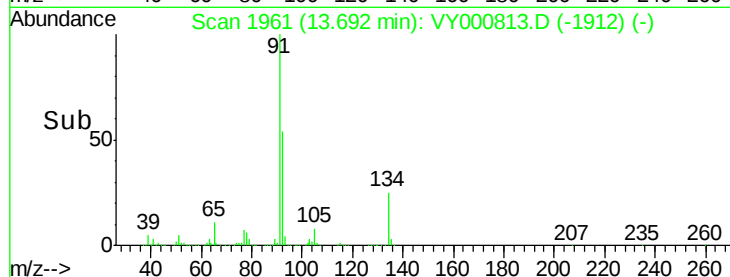
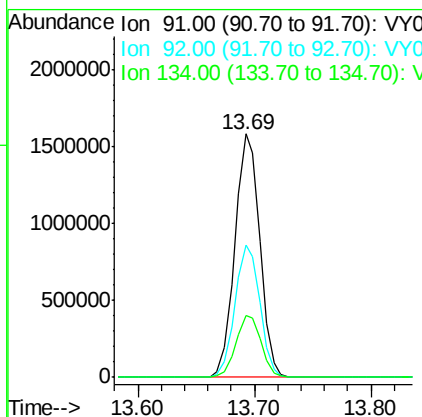
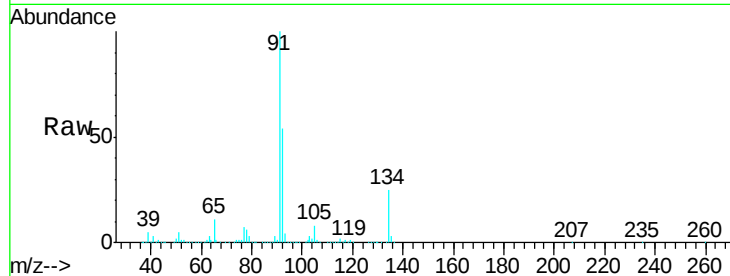




#89
n-Butylbenzene
Concen: 151.846 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

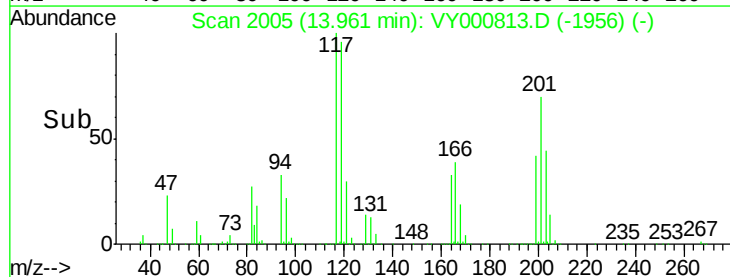
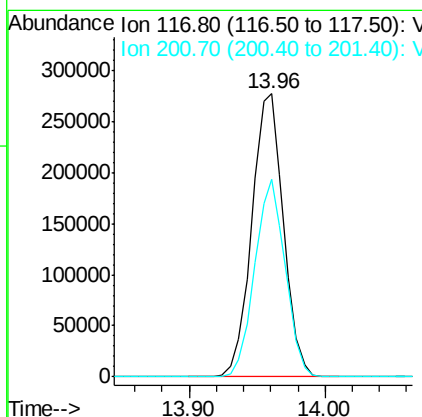
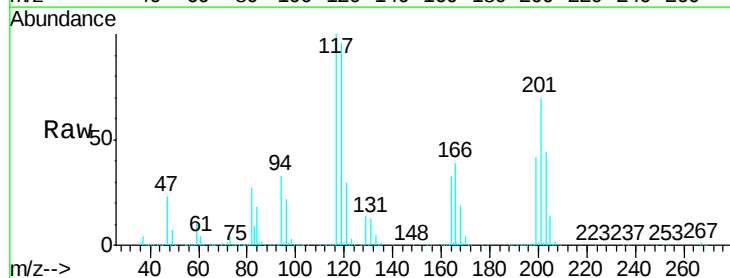
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

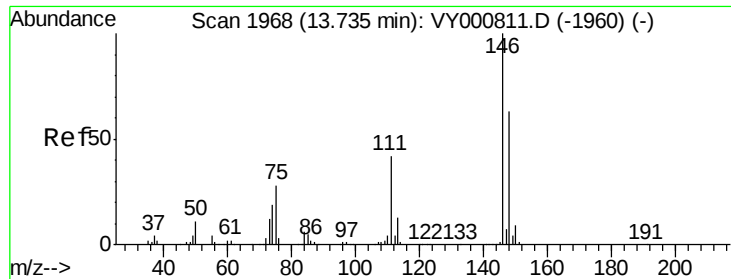
Tgt Ion: 91 Resp: 2353278
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.7
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 155.448 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 117 Resp: 451550
Ion Ratio Lower Upper
117 100
201 67.3 34.0 102.0

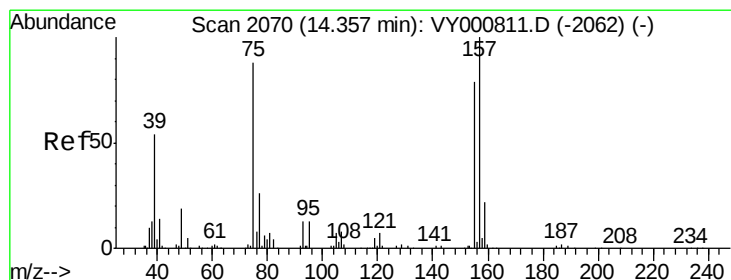
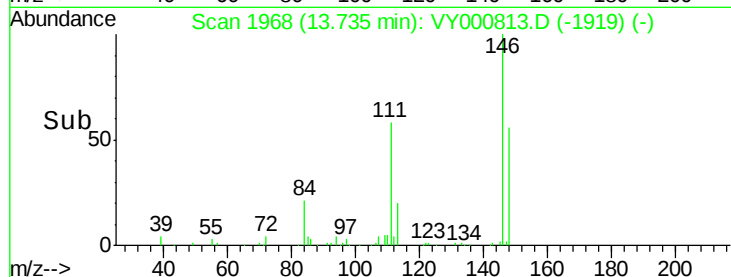
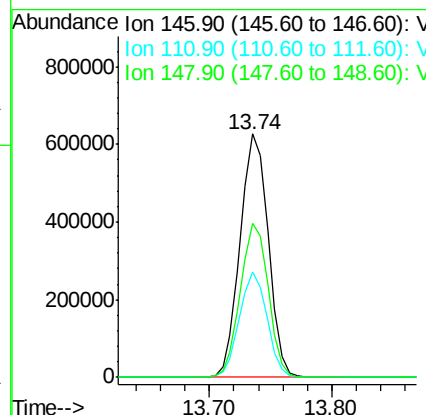
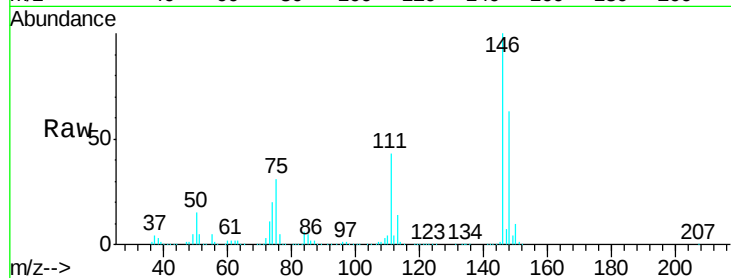




#91
 1,2-Dichlorobenzene
 Concen: 142.689 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

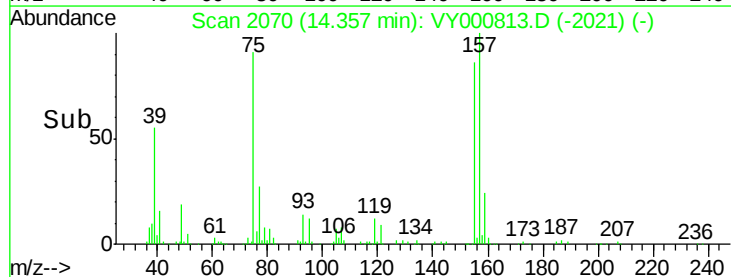
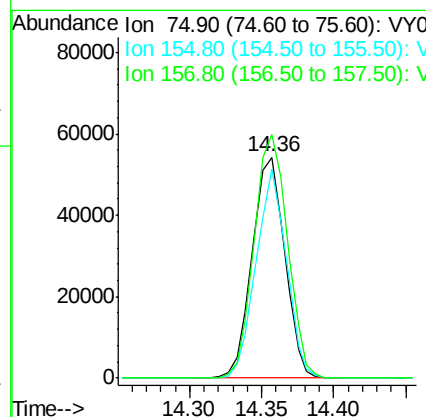
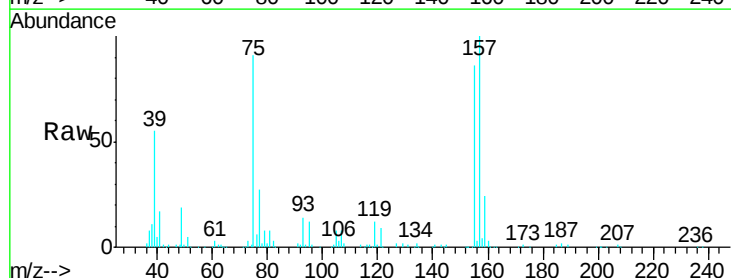
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 995053
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.9 62.7
 148 62.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 138.609 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 75 Resp: 84969
 Ion Ratio Lower Upper
 75 100
 155 87.8 44.3 132.9
 157 112.5 56.3 168.9

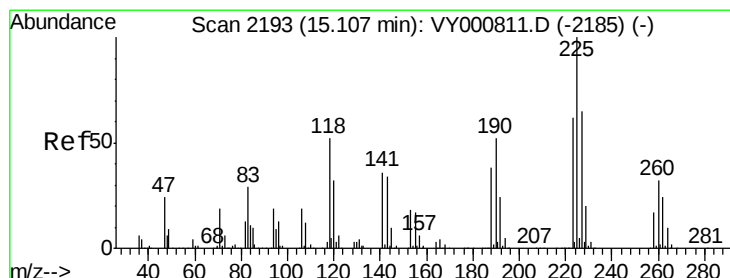
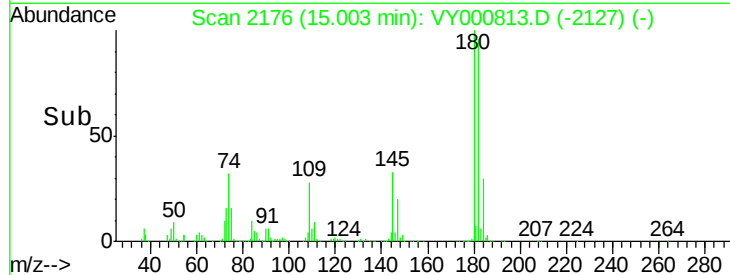
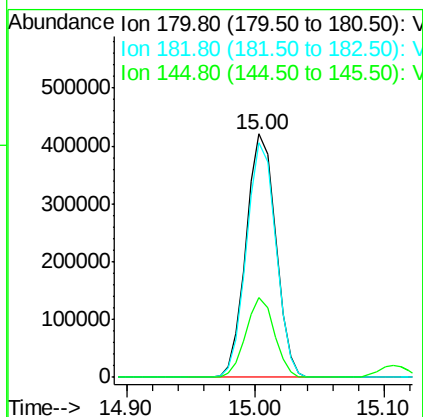
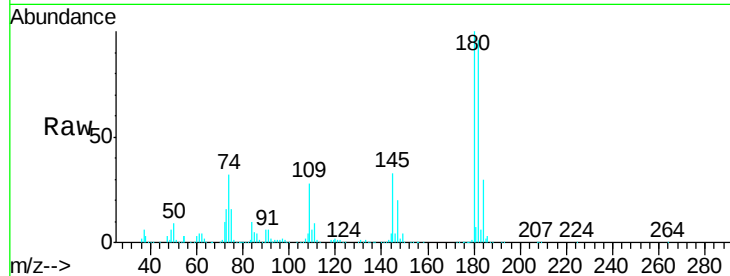




#93
 1,2,4-Trichlorobenzene
 Concen: 139.730 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

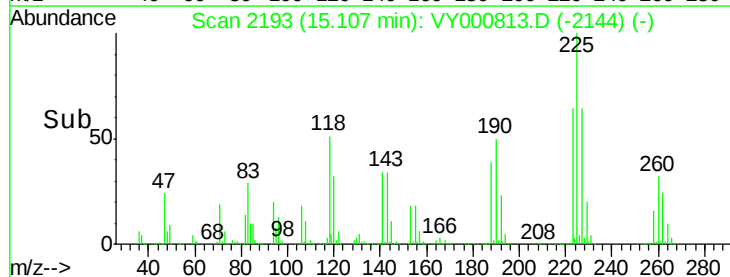
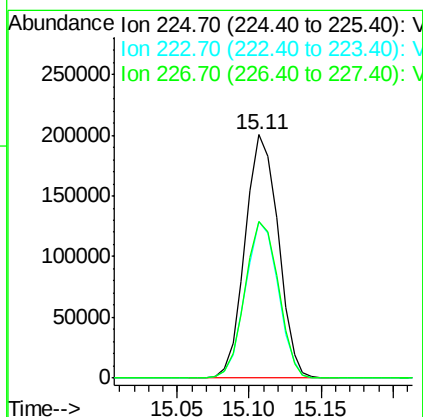
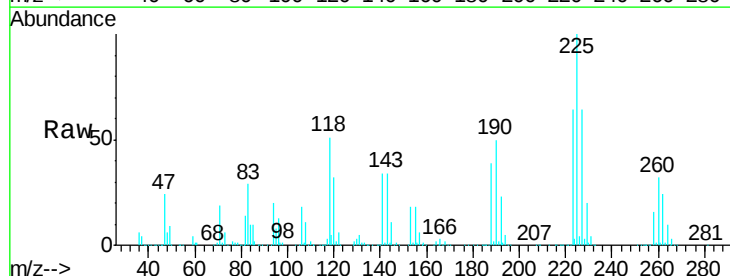
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

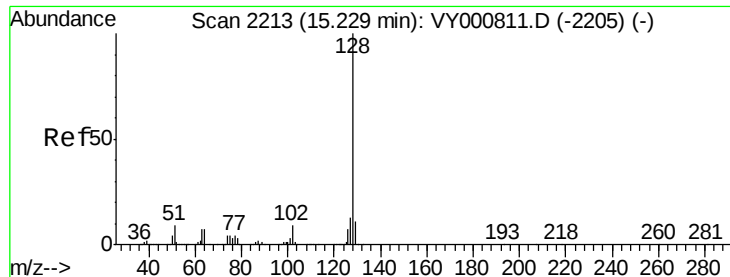
Tgt Ion:180 Resp: 666453
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.9
 145 31.5 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 131.917 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion:225 Resp: 318487
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.4 94.3
 227 65.1 31.8 95.3

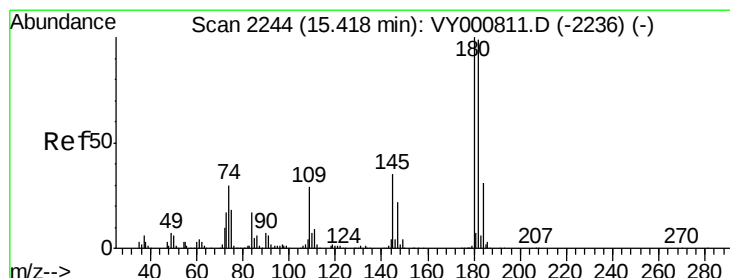
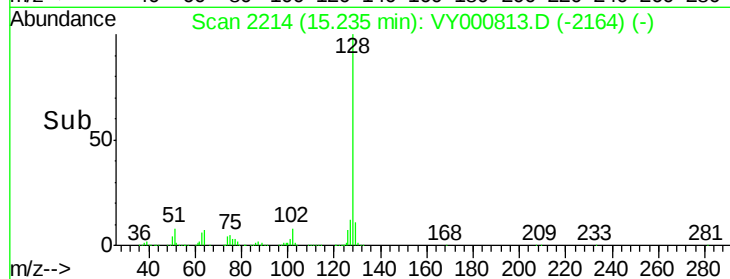
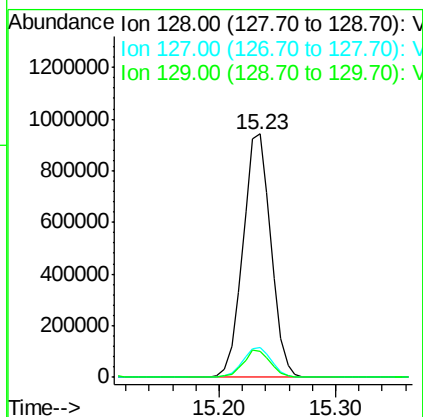
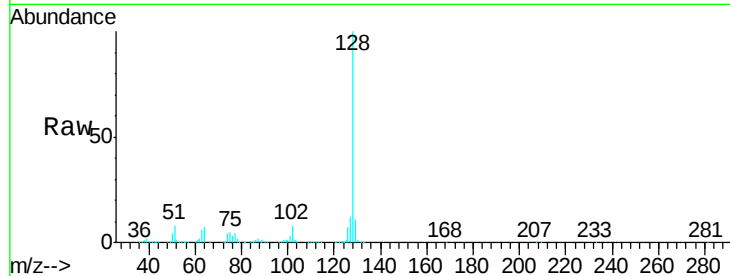




#95
Naphthalene
Concen: 147.297 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1575389
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 139.310 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion:180 Resp: 591525
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.0
145 33.2 16.9 50.6

